FRATER®

WHERE *LIGHT*
MEETS **ART**

PRODUCT CATALOGUE
2026 / 2027 EDITION

AWR Group

About AW Rostamani Group

“AW Rostamani Group (AWR), founded in 1954 in Dubai, UAE, is one of the Middle East’s leading and most reputable conglomerates, with 4,000 employees, and a presence in the UAE, India, Netherlands and the United Kingdom. Its subsidiaries work across a diverse of sectors including automotive, real estate, retail, lighting solutions, travel and logistics. Arabian Automobiles, an internationally renowned business of AWR, is the exclusive distributor of Nissan, Infiniti, and Renault across Dubai and Northern Emirates. AWR continues to enrich the lives of its customers thorugh their innovative products, services and sustainable solutions in the marketplace.”

FRATER®
SPAIN SINCE 1999

About Frater

Frater, a Spanish company founded in 1988, was introduced to the UAE in 1999 by AW Rostamani Group. Its dedicated team has been striving to provide the most innovative and sustainable lighting solutions ever since. In 2014, Frater launched its first LED product line, beginning a new era of lighting. Our in-house manufacturing divison, advanced photometric testing process, and quality assurance have remained at the forefront of the industry. Frater's lighting solutions cover a wide range of applications, from residential and commerical toinustrial and retail.

الرستماني
RÖSTAMANI
FRATER

Stencil printing
NUTEK
GPX-C
FUJI

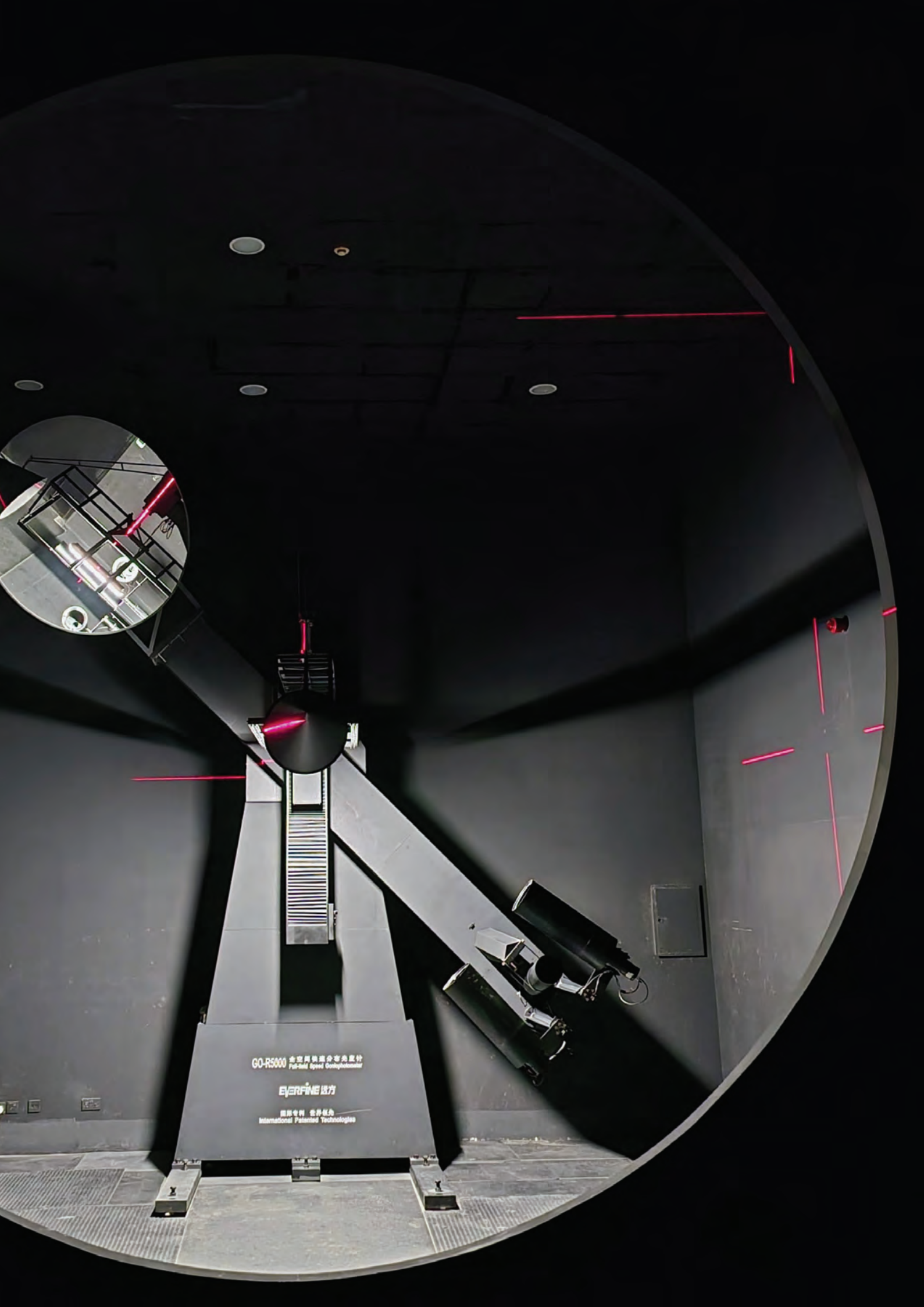
Our Facilities

Frater is an ISO 9001:2015 certified manufacturer. Our automated surface mounting technology (SMT), electronic assembly conveyors, bending, CNC punching stations, powder coating facilities are just some of the technology that contribute to our success. However, all of this would not be successful without our skilled and passionate workforce who handle and supervise operations. Combined, this ensures that only the highest quality products leave the production line.

Our Laboratory

As a manufacturer, it is important to be sustainable. Part of being sustainable is ensuring that every product works at its full potential and efficiency. Frater made substantial investment into an ISO 17025:2017 accredited photometry testing laboratory with a well-integrated combination of accelerated aging and life testing machines, integrated sphere, C-type goniophotometer and electrical measurement machines.

The laboratory is one of the first of its kind in the Middle East and accredited from EIAC (Emirates International Accreditation Centre). Our dedicated lab technicians perform a variety of tests in accordance with IES (Illuminating Engineering Society) approved methods in order to produce the most accurate and precise results


GO-R5000
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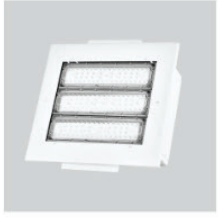

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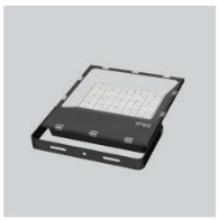

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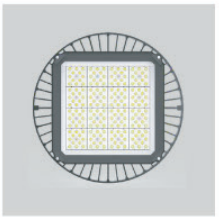

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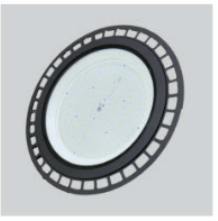

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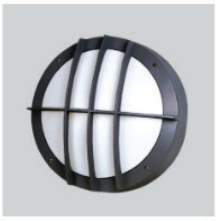

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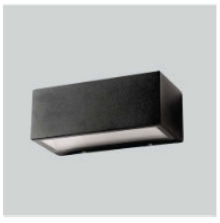

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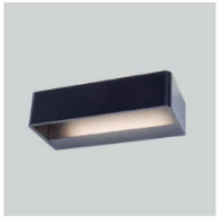

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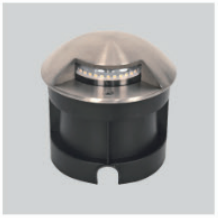

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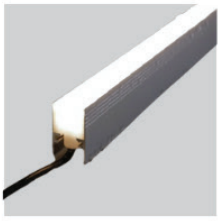

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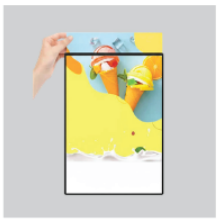

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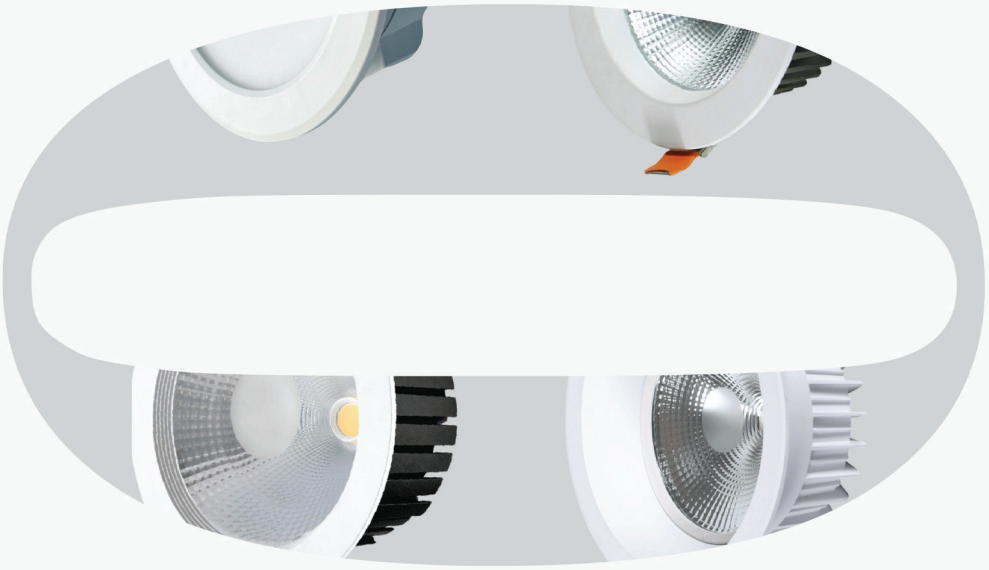
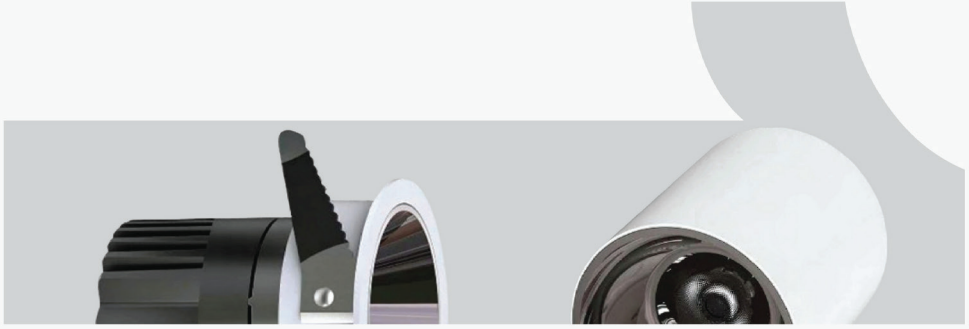




DOWNLIGHT & SPOT LIGHT

FRATER®
SPAIN SINCE 1999

COB Downlight Gemini 03

- IP20
- Class II
- AC220-240V
- Recessed Ceiling
- Highly recyclable
- 50k Hours Lifetime
- Dimming Optional: DALI, Phase Cut & 1/0-10V
- Adjustable Tilt

Product Features:

- ✓ Sleek and Space-Saving structure
- ✓ Multiple Configurations for Optics and Decorative Trims.
- ✓ Advanced Heat-Sink Technology for Superior Heat Management
- ✓ Extended Durability with a Lifespan of Up to 50,000 Hours L80

Product Specifications:

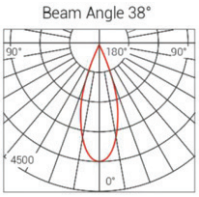
- ✓ Housing: Die-Cast Aluminum Body
- ✓ Diffuser: PMMA lens.
- ✓ Outstanding Temp: 0~45°C
- ✓ Delivered Lumen Output: 100lm/W
- ✓ Color Render Index > 90
- ✓ Power Factor > 0.9

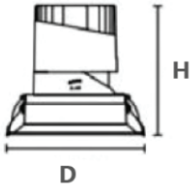
Model Selection

Model No.	Wattage	Lumen	Cut Out (mm)	Dimension (mm)DxH
DLG3-007	7 W	700 lm	55	65x75
DLG3-012	12 W	1200 lm	75	85x90
DLG3-020	20 W	2000 lm	95	105x105
DLG3-025	25 W	2500 lm	95	105x105

Selectable Options

CCT	Beam Angle	Housing	Trim
3000K	8°	Grey	White
4000K	15°		Black
6500K	24°		
	38°		
	55°		





Reflector Color

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COB Downlight Gemini 05

IP65

Class II

AC220-240V

Recessed Ceiling

Highly recyclable

50k Hours Lifetime

Dimming Optional: DALI, Phase Cut & 1/0-10V

Product Features:

- ✓ Sleek and Space-Saving structure
- ✓ Multiple Configurations for Optics and Decorative Trims.
- ✓ Advanced Heat-Sink Technology for Superior Heat Management
- ✓ Extended Durability with a Lifespan of Up to 50,000 Hours L80

Product Specifications:

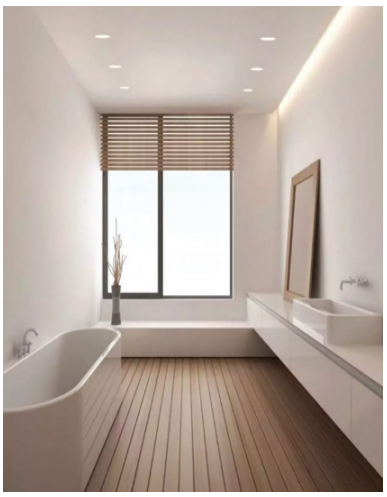
- ✓ Housing: Die-Cast Aluminum Body
- ✓ Diffuser: PMMA lens.
- ✓ Outstanding Temp: 0~45°C
- ✓ Delivered Lumen Output: 100lm/W
- ✓ Color Render Index > 90
- ✓ Power Factor > 0.9

Model Selection

Model No.	Wattage	Lumen	Cut Out (mm)	Dimension (mm)DxH
DLG5-010	10 W	1000 lm	75	85x55
DLG5-015	15 W	1500 lm	95	105x63
DLG5-020	20 W	2000 lm	95	105x63
DLG5-025	25 W	2500 lm	120	130x77

Selectable Options

CCT	Beam Angle	Housing	Trim
3000K	20°	Grey	White
4000K	40°		Black
6500K	60°		



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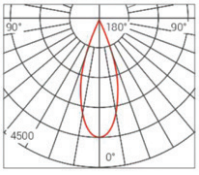

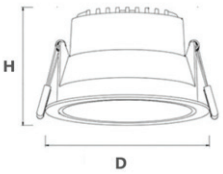

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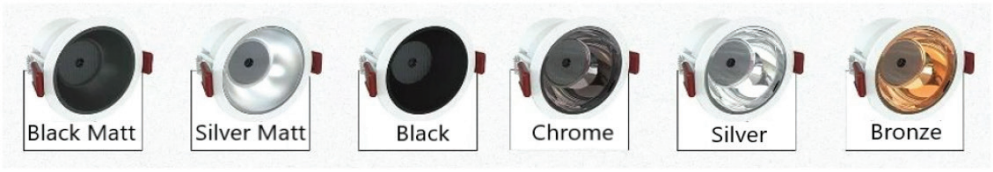

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COB Downlight Gemini 06

IP65

Class II

AC220-240V

Surface Ceiling

Highly recyclable

50k Hours Lifetime

Dimming Optional: DALI, Phase Cut & 1/0-10V

Product Features:

- ✓ Sleek and Space-Saving structure
- ✓ Multiple Configurations for Optics and Decorative Trims.
- ✓ Advanced Heat-Sink Technology for Superior Heat Management
- ✓ Extended Durability with a Lifespan of Up to 50,000 Hours L80

Product Specifications:

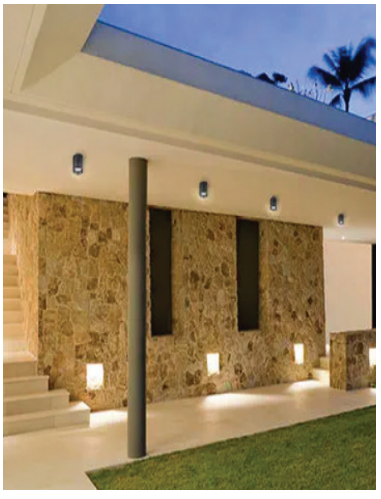
- ✓ Housing: Die-Cast Aluminum Body
- ✓ Diffuser: PMMA lens.
- ✓ Outstanding Temp: 0~45°C
- ✓ Delivered Lumen Output: 100lm/W
- ✓ Color Render Index > 90

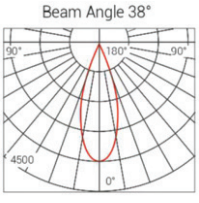
Model Selection

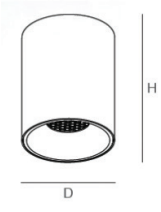
Model No.	Wattage	Lumen	Dimension (mm)DxH
DLG6-010	10 W	1000 lm	73x108
DLG6-020	20 W	2000 lm	93x118
DLG6-030	30 W	3000 lm	113x136
DLG6-040	40 W	4000 lm	140x150

Selectable Options

CCT	Beam Angle	Housing
3000K	20°	White
4000K	40°	Black
6500K	60°	







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COB Downlight Gemini 07

- IP20
- Class II
- AC220-240V
- Recessed Ceiling
- Highly recyclable
- 50k Hours Lifetime
- Dimming Optional: DALI, Phase Cut & 1/0-10V
- Adjustable Tilt

Product Features:

- ✓ Sleek and Space-Saving structure
- ✓ Multiple Configurations for Optics and Decorative Trims.
- ✓ Advanced Heat-Sink Technology for Superior Heat Management
- ✓ Extended Durability with a Lifespan of Up to 50,000 Hours L80

Product Specifications:

- ✓ Housing: Die-Cast Aluminum Body
- ✓ Diffuser: PMMA lens.
- ✓ Outstanding Temp: 0~45°C
- ✓ Delivered Lumen Output: 100lm/W
- ✓ Color Render Index > 90
- ✓ Power Factor > 0.9

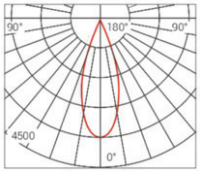
Model Selection

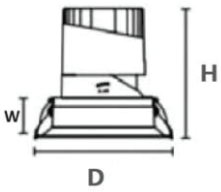
Model No.	Wattage	Lumen	Cut Out (mm)	Dimension (mm)DxWxH
DLG7-007	1x7 W	700 lm	75	85x85x80
DLG7-012	1x12 W	1200 lm	75	85x85x90
DLG7-020	1x20 W	2000 lm	75	85x85x100
DLG7-D07	2x7 W	1400 lm	165x75	170x85x80
DLG7-D12	2x12 W	2400 lm	165x75	170x85x90
DLG7-D20	2x20 W	4000 lm	165x75	170x85x100
DLG7-T07	3x7 W	2100 lm	250x75	255x85x80
DLG7-T12	3x12 W	3600 lm	250x75	255x85x90
DLG7-T20	3x20 W	6000 lm	250x75	255x85x100

Selectable Options

CCT	Beam Angle	Housing	Trim
3000K	20°	Grey	White
4000K	40°		Black
6500K			

Beam Angle 38°





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SPAIN SINCE 1999

COB Downlight Gemini 08

- IP20
- Class II
- AC220-240V
- Surface Ceiling
- Highly recyclable
- 50k Hours Lifetime
- Dimming Optional: DALI, Phase Cut & 1/0-10V

Product Features:

- ✓ Sleek and Space-Saving structure
- ✓ Multiple Configurations for Optics and Decorative Trims.
- ✓ Advanced Heat-Sink Technology for Superior Heat Mangament
- ✓ Extended Durability with a Lifespan of Up to 50,000 Hours L80

Product Specifications:

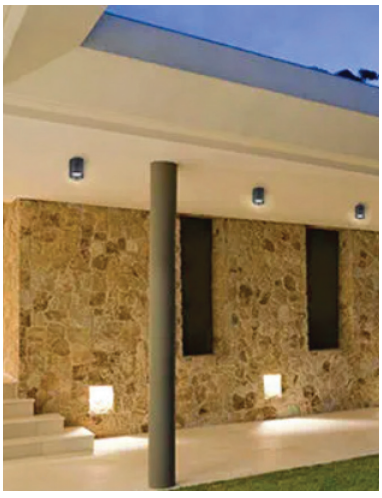
- ✓ Housing: Die-Cast Aluminum Body
- ✓ Diffuser: PMMA lens.
- ✓ Outstanding Temp: 0~45°C
- ✓ Delivered Lumen Output: 90lm/W
- ✓ Color Render Index > 90

Model Selection

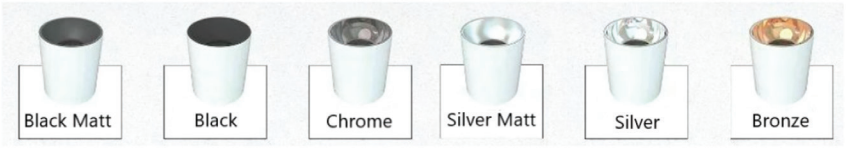
Model No.	Wattage	Lumen	Dimension (mm)LxWxH
DLG8-008	8 W	720 lm	105x105x130
DLG8-012	12 W	1080 lm	105x105x130
DLG8-020	20 W	1800 lm	105x105x130
DLG8-D08	2x8 W	2x720 lm	200x105x130
DLG8-D12	2x12 W	2x1080 lm	200x105x130
DLG8-D20	2x20 W	2x1800 lm	200x105x130
DLG8-T08	3x8 W	3x720 lm	295x105x130
DLG8-T12	3x12 W	3x1080 lm	295x105x130
DLG8-T20	3x20 W	3x1800 lm	205x105x130
DLG8-Q08	4x8 W	4x720 lm	200x200x130
DLG8-Q12	4x12 W	4x1080 lm	200x200x130
DLG8-Q20	4x20 W	4x1800 lm	200x200x130

Selectable Options

CCT	Beam Angle	Housing
3000K	24°	White
4000K	55°	Black
6500K		



Reflector Color



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Trimless Downlight Optima 01

- IP20
- Class II
- AC220-240V
- Recessed Ceiling
- Highly recyclable
- 50k Hours Lifetime
- Dimming Optional: DALI, Phase Cut & 1/0-10V
- Adjustable Tilt

Product Features:

- ✓ Sleek and Space-Saving structure
- ✓ Seamlessly integrates into ceilings for a clean, architectural aesthetic
- ✓ Advanced Heat-Sink Technology for Superior Heat Management
- ✓ Extended Durability with a Lifespan of Up to 50,000 Hours L80

Product Specifications:

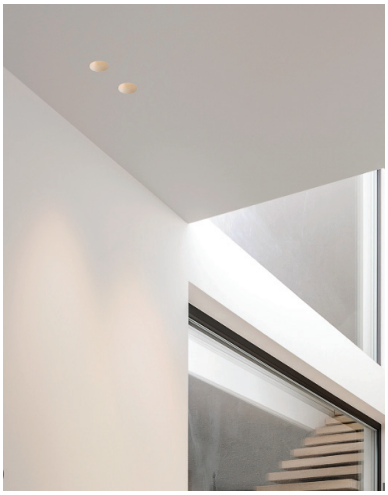
- ✓ Housing: Die-Cast Aluminum Body
- ✓ Diffuser: PMMA lens.
- ✓ Outstanding Temp: 0~45°C
- ✓ Delivered Lumen Output: 100lm/W
- ✓ Color Render Index > 90

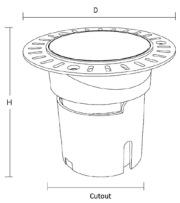
Model Selection

Model No.	Wattage	Lumen	Cut Out (mm)	Dimension (mm)DxH
DLO1-008	8 W	800 lm	55	82x89
DLO1-012	12 W	1200 lm	75	100x90
DLO1-016	16 W	1600 lm	75	100x102
DLO1-020	20 W	2000 lm	95	131x113

Selectable Options

CCT	Beam Angle	Housing
3000K	15°	Grey
4000K	24°	
6500K	38°	
	55°	





Reflector Color

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SPAIN SINCE 1999

IEC60598 LM79 / LM80 COMPLIANCE | Glowing Wire Test - 850°C | SDCM <3 | CE COMPLIANCE | RoHS COMPLIANT

COB Downlight Optima 02

- IP20
- Class II
- AC220-240V
- Recessed Ceiling
- Highly recyclable
- 50k Hours Lifetime
- Dimming Optional: DALI, Phase Cut & 1/0-10V

Product Features:

- ✓ Sleek and Space-Saving structure
- ✓ Multiple Configurations for Optics and Decorative Trims.
- ✓ Advanced Heat-Sink Technology for Superior Heat Management
- ✓ Extended Durability with a Lifespan of Up to 50,000 Hours L80

Product Specifications:

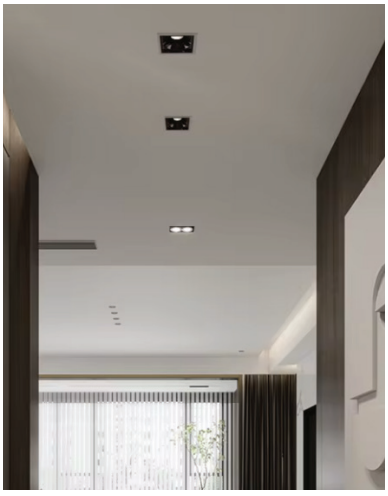
- ✓ Housing: Die-Cast Aluminum Body
- ✓ Diffuser: PMMA lens.
- ✓ Outstanding Temp: 0~45°C
- ✓ Delivered Lumen Output: 100lm/W
- ✓ Color Render Index > 90

Model Selection

Model No.	Wattage	Lumen	Cut Out (mm)	Dimension (mm)DxH
DLO2-008	8 W	880 lm	74x74	82x82x73
DLO2-012	12 W	1320 lm	74x74	82x82x73
DLO2-015	15 W	1650 lm	74x74	82x82x73

Selectable Options

CCT	Beam Angle	Housing
3000K	38°	White
4000K	55°	Black
6500K		



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COB Downlight Optima 03

- IP20
- Class II
- AC220-240V
- Recessed Ceiling
- Highly recyclable
- 50k Hours Lifetime
- Dimming Optional: DALI, Phase Cut & 1/0-10V

Product Features:

- ✓ Sleek and Space-Saving structure
- ✓ Multiple Configurations for Optics and Decorative Trims
- ✓ Advanced Heat-Sink Technology for Superior Heat Management
- ✓ Extended Durability with a Lifespan of Up to 50,000 Hours L80

Product Specifications:

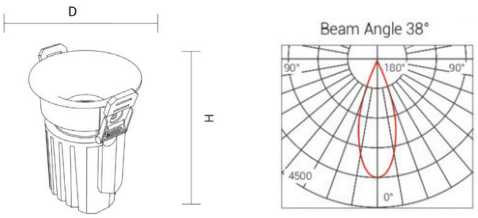
- ✓ Housing: Die-Cast Aluminum Body
- ✓ Diffuser: PMMA lens.
- ✓ Outstanding Temp: 0~45°C
- ✓ Delivered Lumen Output: 100lm/W
- ✓ Color Render Index > 90

Model Selection

Model No.	Wattage	Lumen	Cut Out (mm)	Dimension (mm)DxH
DLO3-003	3 W	300 lm	25	30x40
DLO3-006	6 W	600 lm	35	42x60
DLO3-008	8 W	800 lm	45	55x82
DLO3-012	12 W	1200 lm	55	65x85
DLO3-015	15 W	1500 lm	75	85x95

Selectable Options

CCT	Beam Angle	Housing
3000K	15°	White
4000K	24°	Black
6500K	38°	
	55°	



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IEC60598 LM79 / LM80 COMPLIANCE | Glowing Wire Test - 850°C | SDCM <3 | CE COMPLIANCE | RoHS COMPLIANT

COB Downlight Optima 04

- IP20
- Class II
- AC220-240V
- Recessed Ceiling
- Highly recyclable
- 50k Hours Lifetime
- Dimming Optional: DALI, Phase Cut & 1/0-10V

Product Features:

- ✓ Sleek and Space-Saving structure
- ✓ Multiple Configurations for Optics and Decorative Trims.
- ✓ Advanced Heat-Sink Technology for Superior Heat Mangament
- ✓ Extended Durability with a Lifespan of Up to 50,000 Hours L80

Product Specifications:

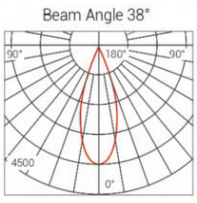
- ✓ Housing: Die-Cast Aluminum Body
- ✓ Diffuser: PMMA lens.
- ✓ Outstanding Temp: 0~45°C
- ✓ Delivered Lumen Output: 100lm/W
- ✓ Color Render Index > 90

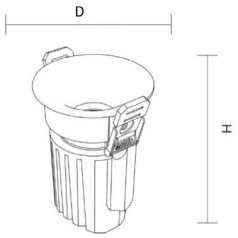
Model Selection

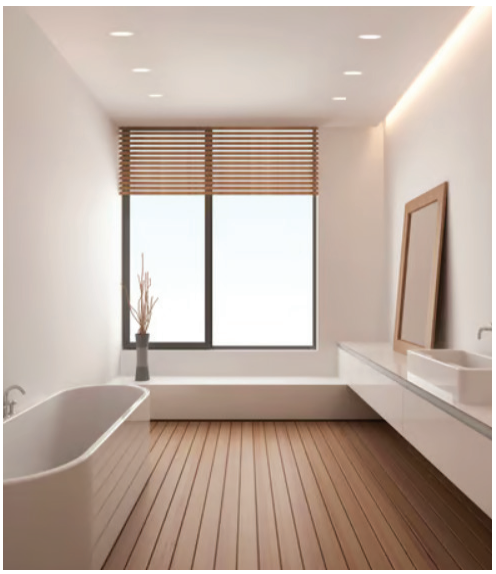
Model No.	Wattage	Lumen	Cut Out (mm)	Dimension (mm)DxH
DLO4-006	6 W	600 lm	32	40x55
DLO4-008	8 W	800 lm	52	60x77
DLO4-012	12 W	1200 lm	72	81x102
DLO4-016	16 W	1600 lm	72	81x102

Selectable Options

CCT	Beam Angle	Trim
3000K	15°	White
4000K	24°	Black
6500K	38°	
	55°	







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Trimless Downlight Optima 05

- IP65
- Class II
- AC220-240V
- Recessed Ceiling
- Highly recyclable
- 50k Hours Lifetime
- Dimming Optional: DALI, Phase Cut & 1/0-10V
- Adjustable Tilt

Product Features:

- ✓ Sleek and Space-Saving structure
- ✓ Seamlessly integrates into ceilings for a clean, architectural aesthetic
- ✓ Suitable for wet areas and high-moisture environments, ensuring durability and water resistance.
- ✓ Advanced Heat-Sink Technology for Superior Heat Management
- ✓ Extended Durability with a Lifespan of Up to 50,000 Hours L80

Product Specifications:

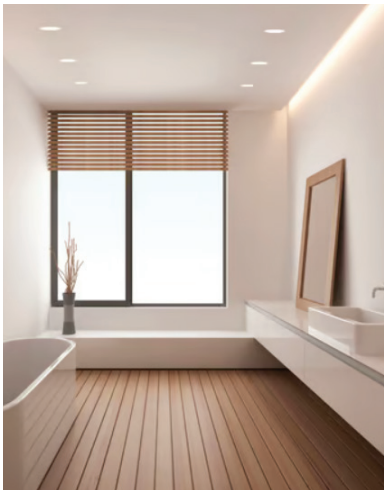
- ✓ Housing: Die-Cast Aluminum Body
- ✓ Diffuser: PMMA lens.
- ✓ Outstanding Temp: 0~45°C
- ✓ Delivered Lumen Output: 100lm/W
- ✓ Color Render Index > 90

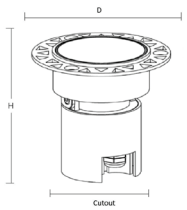
Model Selection

Model No.	Wattage	Lumen	Cut Out (mm)	Dimension (mm)DxH
DLO5-008	8 W	800 lm	55	74x88
DLO5-012	12 W	1200 lm	75	100x98
DLO5-016	16 W	1600 lm	75	100x124
DLO5-020	20 W	2000 lm	95	114x116

Selectable Options

CCT	Beam Angle	Housing
3000K	15°	Grey
4000K	24°	
6500K	38°	
	55°	





Reflector Color

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LED Downlight DLC1

- IP65
- Class II
- AC220-240V
- Recessed Ceiling
- Highly recyclable
- 50k Hours Lifetime
- Dimming Optional: DALI, Phase Cut & 1/0-10V

Product Features:

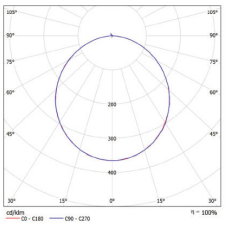
- ✓ Delivers exceptional luminous efficiency, providing bright illumination while minimizing energy consumption, resulting in cost savings and environmental benefits.
- ✓ Constructed with a durable die-cast aluminum body, ensuring robustness and longevity in outdoor and industrial environments, with excellent heat dissipation properties for optimal performance.
- ✓ Equipped with a Chip-on-board (COB) lens technology, which offers unifrom light distribution, reduced glare, and enhanced visual comfort.
- ✓ Features an IP65 rating, providing complete protection against dust and water, making it suitable for both dry and wet area installations.
- ✓ With its high efficacy and advanced LED technology, the downlight offers exceptional energy efficiency, helping to lower electricity bills and reduce carbon footprint.
- ✓ Extended Durability with a Lifespan of Up to 50,000 Hours L80.

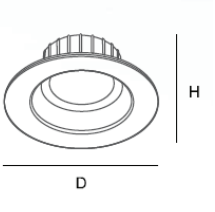
Product Specifications:

- ✓ Housing: Die-Cast Aluminum
- ✓ Diffuser: Center Frosted Glass
- ✓ Outstanding Temp: 0~45°C
- ✓ Delivered Lumen Output: 120lm/W
- ✓ Color Render Index > 80
- ✓ Power Factor > 0.9

Model Selection

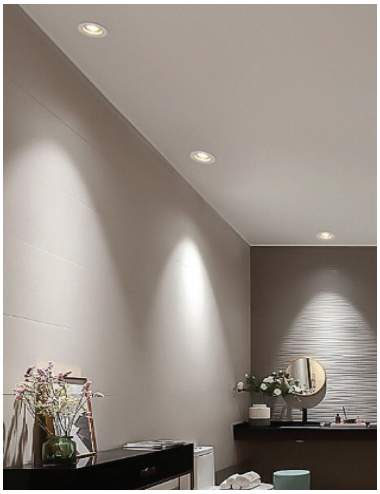
Model No.	Wattage	Lumen	Cut Out (mm)	Dimension (mm)DxH
DLC1-010	10 W	1200 lm	125	145x75
DLC1-015	15 W	1800 lm	125	145x75
DLC1-020	20 W	2400 lm	160	190x95
DLC1-025	25 W	3000 lm	200	230x105
DLC1-030	30 W	3600 lm	200	230x105
DLC1-035	35 W	4200 lm	200	230x105





Selectable Options

CCT	Beam Angle	Housing
3000K	100°	White
4000K		
6500K		



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IEC60598 LM79 / LM80 COMPLIANCE | Glowing Wire Test - 850°C | SDCM <3 | CE COMPLIANCE | RoHS COMPLIANT

LED Downlight DLC2

- IP20
- Class II
- AC220-240V
- Recessed Ceiling
- Highly recyclable
- 50k Hours Lifetime
- Dimming Optional: DALI, Phase Cut & 1/0-10V

Product Features:

- ✓ Delivers exceptional luminous efficiency, providing bright illumination while minimizing energy consumption, resulting in cost savings and environmental benefits.
- ✓ Constructed with a durable die-cast aluminum body, ensuring robustness and longevity in outdoor and industrial environments, with excellent heat dissipation properties for optimal performance.
- ✓ Equipped with a Chip-on-board (COB) lens technology, which offers unifrom light distribution, reduced glare, and enhanced visual comfort,
- ✓ With its high efficacy and advanced LED technology, the downlight offers exceptional energy efficiency, helping to lower electricity bills and reduce carbon footprint.
- ✓ Extended Durability with a Lifespan of Up to 50,000 Hours L80.

Product Specifications:

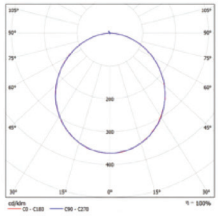
- ✓ Housing: Die-Cast Aluminum
- ✓ Diffuser: Center Frosted Glass
- ✓ Outstanding Temp: 0~45°C
- ✓ Delivered Lumen Output: 110lm/W
- ✓ Color Render Index > 80
- ✓ Power Factor > 0.9

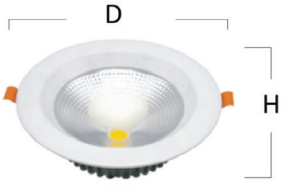
Model Selection

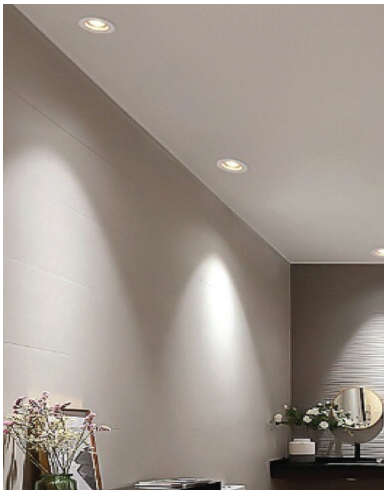
Model No.	Wattage	Lumen	Cut Out (mm)	Dimension (mm)DxH
DLC2-010	7~10 W	Up to 1100 lm	110	135X50
DLC2-015	7~15W	Up to 1650 lm	145~150	165X55
DLC2-020	7~20 W	Up to 2200 lm	165~180	195x55
DLC2-035	7~30W	Up to 3300 lm	200	225X60
DLC2-050	7~50 W	Up to 5500 lm	240~280	300x90

Selectable Options

CCT	Beam Angle	Housing
3000K	100°	White
4000K		
6500K		







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IEC60598 LM79 / LM80 COMPLIANCE | Glowing Wire Test - 850°C | SDCM <3 | CE COMPLIANCE | RoHS COMPLIANT

LED Downlight DLC6

- IP65
- Class II
- AC220-240V
- Recessed Ceiling
- Highly recyclable
- 50k Hours Lifetime
- Dimming Optional: DALI, Phase Cut & 1/0-10V

Product Features:

- ✓ Delivers exceptional luminous efficiency, providing bright illumination while minimizing energy consumption, resulting in cost savings and environmental benefits.
- ✓ Constructed with a durable die-cast aluminum body, ensuring robustness and longevity in outdoor and industrial environments, with excellent heat dissipation properties for optimal performance.
- ✓ Equipped with a Chip-on-board (COB) lens technology, which offers unifrom light distribution, reduced glare, and enhanced visual comfort.
- ✓ Features an IP65 rating, providing complete protection against dust and water, making it suitable for both dry and wet area installations.
- ✓ With its high efficacy and advanced LED technology, the downlight offers exceptional energy efficiency, helping to lower electricity bills and reduce carbon footprint.
- ✓ Extended Durability with a Lifespan of Up to 50,000 Hours L80.

Product Specifications:

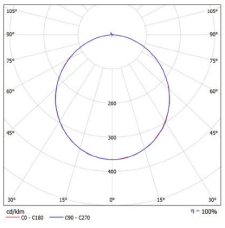
- ✓ Housing: Die-Cast Aluminum
- ✓ Diffuser: Center Frosted Glass
- ✓ Outstanding Temp: 0~45°C
- ✓ Delivered Lumen Output: 110lm/W
- ✓ Color Render Index > 80
- ✓ Power Factor > 0.9

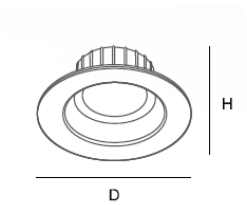
Model Selection

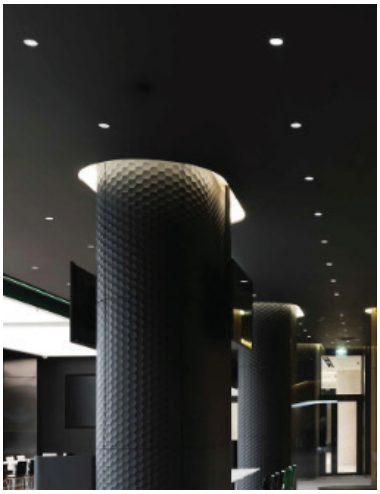
Model No.	Wattage	Lumen	Cut Out (mm)	Dimension (mm)DxH
DLC6-010	10 W	1100 lm	95	115x48
DLC6-015	15 W	1650 lm	125	145x60
DCL6-020	20 W	2200 lm	140	159x60
DCL6-030	30 W	3300 lm	170	190x60
DCL6-040	40 W	4400 lm	210	230x72

Selectable Options

CCT	Beam Angle	Housing
☐ 3000K	60°	☐ White
☐ 4000K	90°	
☐ 6500K		







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IEC60598 LM79 / LM80 COMPLIANCE | Glowing Wire Test - 850°C | SDCM <3 | CE COMPLIANCE | RoHS

LED Downlight Hydra

- IP65
- Class II
- AC220-240V
- Recessed Ceiling
- Highly recyclable
- 50k Hours Lifetime
- Dimming Optional: DALI, Phase Cut & 1/0-10V

Product Features:

- ✓ provides powerful illumination with high wattage output, making it suitable for applications requiring intense lighting levels such as large indoor spaces or outdoor areas.
- ✓ Constructed with a durable die-cast aluminum body, ensuring robustness and longevity in outdoor and industrial environments, with excellent heat dissipation properties for optimal performance.
- ✓ Equipped with a Chip-on-board (COB) lens technology, which offers unifrom light distribution, reduced glare, and enhanced visual comfort,
- ✓ Features an IP65 rating, providing complete protection against dust and water, making it suitable for both dry and wet area installations.
- ✓ Extended Durability with a Lifespan of Up to 50,000 Hours L80.

Product Specifications:

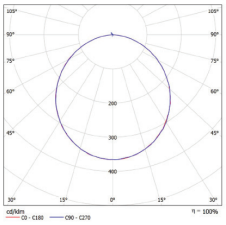
- ✓ Housing: Die-Cast Aluminum
- ✓ Diffuser: Center Frosted Glass
- ✓ Outstanding Temp: -10~50°C
- ✓ Delivered Lumen Output: 100lm/W
- ✓ Color Render Index > 80
- ✓ Power Factor > 0.9

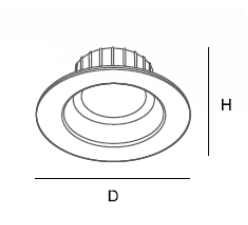
Model Selection

Model No.	Wattage	Lumen	Cut Out (mm)	Dimension (mm)DxH
DLHD-060	60 W	6000 lm	203	230x120
DLHD-080	80 W	8000 lm	203	230x120

Selectable Options

CCT	Beam Angle	Housing
☐ 3000K	☐ 120°	☐ White
☐ 4000K		
☐ 6500K		





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SPAIN SINCE 1999

IEC60598 LM79 / LM80 COMPLIANCE | Glowing Wire Test - 850°C | SDCM <3 | CE COMPLIANCE | RoHS

LED Downlight DLS1

- IP65
- Class II
- AC220-240V
- Recessed Ceiling
- Highly recyclable
- 50k Hours Lifetime
- Dimming Optional: DALI, Phase Cut & 1/0-10V

Product Features:

- ✓ Delivers exceptional luminous efficiency, providing bright illumination while minimizing energy consumption, resulting in cost savings and environmental benefits.
- ✓ Constructed with a durable die-cast aluminum body, ensuring robustness and longevity in outdoor and industrial environments, with excellent heat dissipation properties for optimal performance.
- ✓ Incorporates Surface Mounted Device (SMD) technology, Known for its reliability, efficiency, and consistent light output, ensuring uniform illumination and reduced maintenance requirements.
- ✓ Features an IP65 rating, providing complete protection against dust and water, making it suitable for both dry and wet area installations.
- ✓ With its high efficacy and advanced LED technology, the downlight offers exceptional energy efficiency, helping to lower electricity bills and reduce carbon footprint.
- ✓ Extended Durability with a Lifespan of Up to 50,000 Hours L80.

Product Specifications:

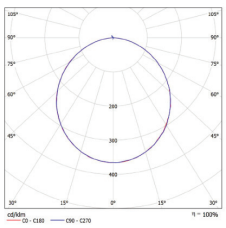
- ✓ Housing: Die-Cast Aluminum
- ✓ Diffuser: Opal Polycarbonate
- ✓ Outstanding Temp: 0~45°C
- ✓ Delivered Lumen Output: 120lm/W
- ✓ Color Render Index > 80
- ✓ Power Factor > 0.9

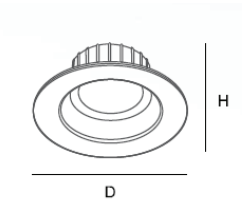
Model Selection

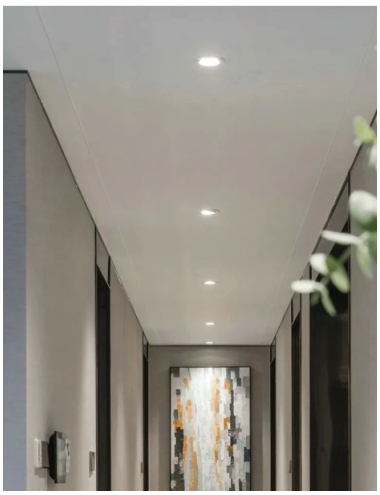
Model No.	Wattage	Lumen	Cut Out (mm)	Dimension (mm)DxH
DLS1-009	9 W	1080 lm	125	145x75
DLS1-015	15 W	1800 lm	125	145x75
DLS1-020	20 W	2400 lm	160	190x95
DLS1-025	25 W	3000 lm	200	230x105
DLS1-030	30 W	3600 lm	200	230x105

Selectable Options

CCT	Beam Angle	Housing
3000K	100°	White
4000K		Black
6500K		







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IEC60598 LM79 / LM80 COMPLIANCE | Glowing Wire Test - 850°C | SDCM <3 | CE COMPLIANCE | RoHS

LED Downlight DLS2

- IP20
- Class II
- AC220-240V
- Recessed Ceiling
- Highly recyclable
- 50k Hours Lifetime
- Dimming Optional: DALI, Phase Cut & 1/0-10V

Product Features:

- ✓ Delivers exceptional luminous efficiency, providing bright illumination while minimizing energy consumption, resulting in cost savings and environmental benefits.
- ✓ Constructed with a durable die-cast aluminum body, ensuring robustness and longevity in outdoor and industrial environments, with excellent heat dissipation properties for optimal performance.
- ✓ Incorporates Surface Mounted Device (SMD) technology, Known for its reliability, efficiency, and consistent light output, ensuring uniform illumination and reduced maintenance requirements.
- ✓ With its high efficacy and advanced LED technology, the downlight offers exceptional energy efficiency, helping to lower electricity bills and reduce carbon footprint.
- ✓ Extended Durability with a Lifespan of Up to 50,000 Hours L80.

Product Specifications:

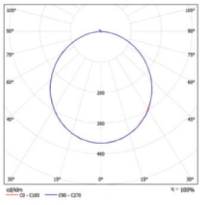
- ✓ Housing: Die-Cast Aluminum
- ✓ Diffuser: Opal Polycarbonate
- ✓ Outstanding Temp: 0~45°C
- ✓ Delivered Lumen Output: 100lm/W
- ✓ Color Render Index > 80
- ✓ Power Factor > 0.9

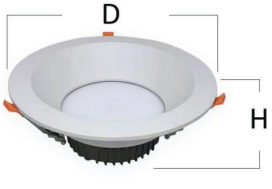
Model Selection

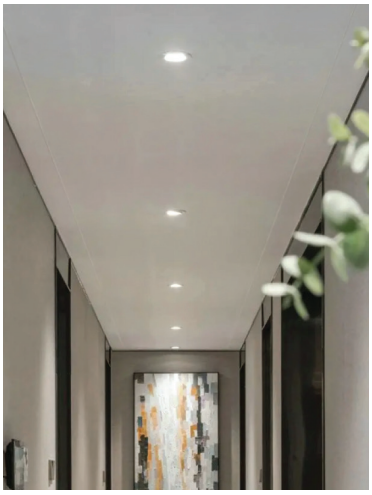
Model No.	Wattage	Lumen	Cut Out (mm)	Dimension (mm)DxH
DLS2-007	7W	Up to 700 lm	75	90x45
DLS2-010	7~10 W	Up to 1000 lm	90~105	120x40
DLS2-015	7~15W	Up to 1500 lm	145~150	165X45
DLS2-020	7~20 W	Up to 2000 lm	165~180	195x50
DLS2-035	7~35 W	Up to 3500 lm	200	230x50
DLS2-050	7~50 W	Up to 5000 lm	240~280	300x90

Selectable Options

CCT	Beam Angle	Housing
3000K	100°	White
4000K		
6500K		







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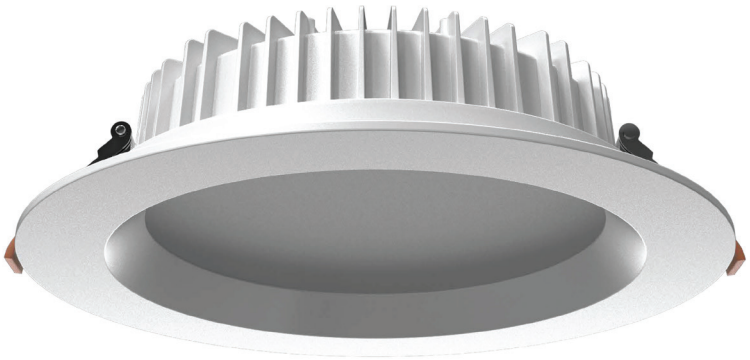
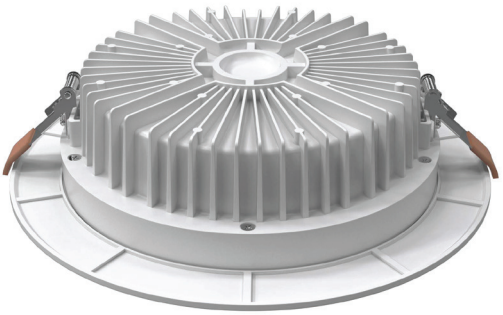
IEC60598 LM79 / LM80 COMPLIANCE | Glowing Wire Test - 850°C | SDCM <3 | CE COMPLIANCE | RoHS

LED Downlight DLS3

- IP65
- Class II
- AC220-240V
- Recessed Ceiling
- Highly recyclable
- 50k Hours Lifetime
- Dimming Optional: DALI, Phase Cut & 1/0-10V



Product Features:



- ✓ Delivers exceptional luminous efficiency, providing bright illumination while minimizing energy consumption, resulting in cost savings and environmental benefits.
- ✓ Constructed with a durable die-cast aluminum body, ensuring robustness and longevity in outdoor and industrial environments, with excellent heat dissipation properties for optimal performance.
- ✓ Incorporates Surface Mounted Device (SMD) technology, Known for its reliability, efficiency, and consistent light output, ensuring uniform illumination and reduced maintenance requirements.
- ✓ Features an IP65 rating, providing complete protection against dust and water, making it suitable for both dry and wet area installations.
- ✓ With its high efficacy and advanced LED technology, the downlight offers exceptional energy efficiency, helping to lower electricity bills and reduce carbon footprint.
- ✓ Extended Durability with a Lifespan of Up to 50,000 Hours L80.

Product Specifications:

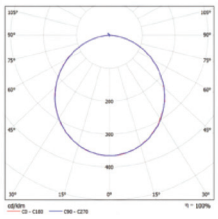
- ✓ Housing: Die-Cast Aluminum
- ✓ Diffuser: Opal Polycarbonate
- ✓ Outstanding Temp: 0~45°C
- ✓ Delivered Lumen Output: 100lm/W
- ✓ Color Render Index > 80
- ✓ Power Factor > 0.9

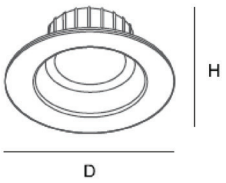
Model Selection

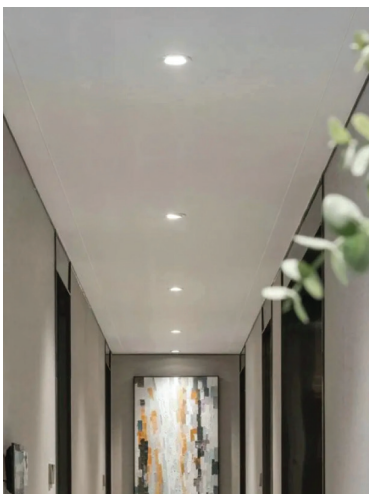
Model No.	Wattage	Lumen	Cut Out (mm)	Dimension (mm)DxH
DLS3-050	7~50 W	Up to 5000 lm	220~260	280x70

Selectable Options

CCT	Beam Angle	Housing
3000K	100°	White
4000K		
6500K		







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IEC60598 LM79 / LM80 COMPLIANCE | Glowing Wire Test - 850°C | SDCM <3 | CE COMPLIANCE | RoHS COMPLIANT

LED Downlight DLS7

- IP65
- Class II
- AC220-240V
- Recessed Ceiling
- Highly recyclable
- 50k Hours Lifetime
- Dimming Optional: DALI, Phase Cut & 1/0-10V

Product Features:

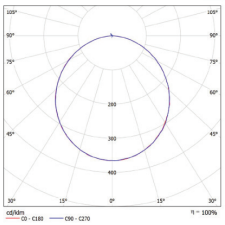
- ✓ Delivers exceptional luminous efficiency, providing bright illumination while minimizing energy consumption, resulting in cost savings and environmental benefits.
- ✓ Constructed with a durable die-cast aluminum body, ensuring robustness and longevity in outdoor and industrial environments, with excellent heat dissipation properties for optimal performance.
- ✓ Incorporates Surface Mounted Device (SMD) technology, Known for its reliability, efficiency, and consistent light output, ensuring uniform illumination and reduced maintenance requirements.
- ✓ Features an IP65 rating, providing complete protection against dust and water, making it suitable for both dry and wet area installations.
- ✓ With its high efficacy and advanced LED technology, the downlight offers exceptional energy efficiency, helping to lower electricity bills and reduce carbon footprint.
- ✓ Extended Durability with a Lifespan of Up to 50,000 Hours L80.

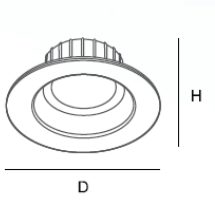
Product Specifications:

- ✓ Housing: Die-Cast Aluminum
- ✓ Diffuser: Opal Polycarbonate
- ✓ Outstanding Temp: 0~45°C
- ✓ Delivered Lumen Output: 120lm/W
- ✓ Color Render Index > 80
- ✓ Power Factor > 0.9

Model Selection

Model No.	Wattage	Lumen	Cut Out (mm)	Dimension (mm)DxH
DLS7-008	8 W	960 lm	95	108x47
DLS7-012	12 W	1440 lm	95	108x47
DLS7-016	16 W	1920 lm	95	108x47
DLS7-020	20 W	2400 lm	165	190x70
DLS7-024	24 W	2880 lm	165	190x70
DLS7-028	28 W	3360 lm	165	190x70





Selectable Options

CCT	Beam Angle	Housing
3000K	100°	White
4000K		
6500K		

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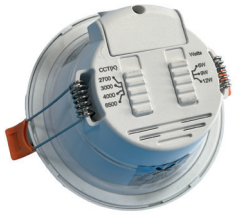
LED Downlight DLS8

- IP65
- Class II
- AC220-240V
- Recessed Ceiling
- Highly recyclable
- 50k Hours Lifetime
- Tunable CCT
- Selectable Wattages



Product Features:

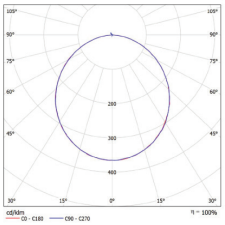
- ✓ Delivers exceptional luminous efficiency, providing bright illumination while minimizing energy consumption, resulting in cost savings and environmental benefits.
- ✓ Constructed with a durable die-cast aluminum body, ensuring robustness and longevity in outdoor and industrial environments, with excellent heat dissipation properties for optimal performance.
- ✓ Incorporates Surface Mounted Device (SMD) technology, Known for its reliability, efficiency, and consistent light output, ensuring uniform illumination and reduced maintenance requirements.
- ✓ Features an IP65 rating, providing complete protection against dust and water, making it suitable for both dry and wet area installations.
- ✓ With its high efficacy and advanced LED technology, the downlight offers exceptional energy efficiency, helping to lower electricity bills and reduce carbon footprint.
- ✓ Extended Durability with a Lifespan of Up to 50,000 Hours L80.
- ✓ Selectable Wattage and Tunable CCT for better utilization

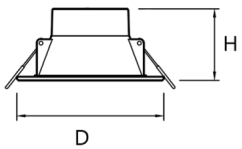
Product Specifications:

- ✓ Housing: PC Body with Aluminum Heatsink
- ✓ Diffuser: Opal Polycarbonate
- ✓ Outstanding Temp: 0~45°C
- ✓ Delivered Lumen Output: 100lm/W
- ✓ Color Render Index > 80
- ✓ Power Factor > 0.9

Model Selection

Model No.	Wattage	Lumen	Cut Out (mm)	Dimension (mm)DxH
DLS8-012	6/9/12 W	Up to 1200 lm	80	110x49
DLS8-025	15/20/25 W	Up to 2500 lm	150	160x54
DLS8-035	25/30/35 W	Up to 3500 lm	200	220x55





Selectable Options

CCT	Beam Angle	Housing
2700K	120°	White
3000K		
4000K		
6500K		

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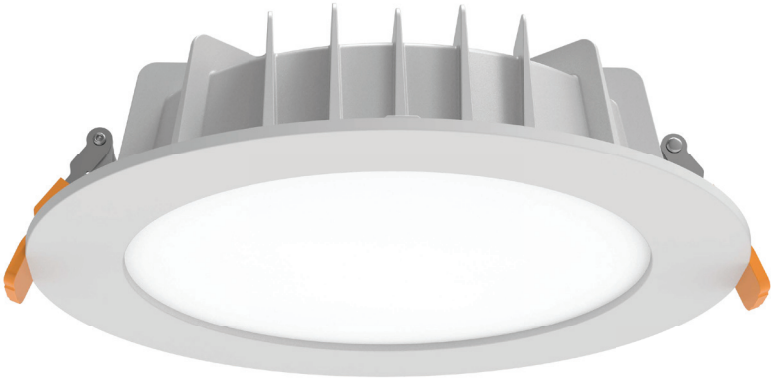
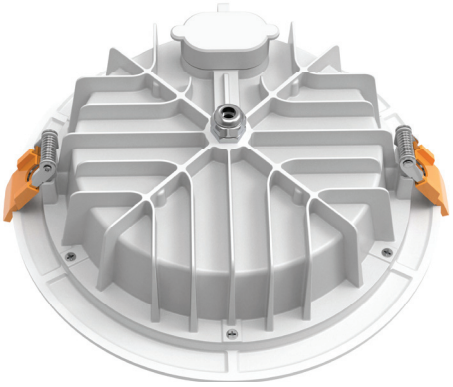
LED Downlight DLS10

- IP54
- Class II
- AC220-240V
- Recessed Ceiling
- Highly recyclable
- 50k Hours Lifetime





Product Features:

- ✓ Delivers exceptional luminous efficiency, providing bright illumination while minimizing energy consumption, resulting in cost savings and environmental benefits.
- ✓ Constructed with a durable die-cast aluminum body, ensuring robustness and longevity in outdoor and industrial environments, with excellent heat dissipation properties for optimal performance.
- ✓ Incorporates Surface Mounted Device (SMD) technology, Known for its reliability, efficiency, and consistent light output, ensuring uniform illumination and reduced maintenance requirements.
- ✓ With its high efficacy and advanced LED technology, the downlight offers exceptional energy efficiency, helping to lower electricity bills and reduce carbon footprint.
- ✓ Extended Durability with a Lifespan of Up to 50,000 Hours L80.

Product Specifications:

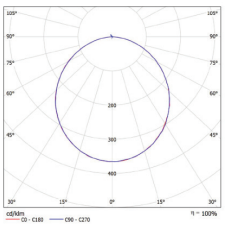
- ✓ Housing: Die-Cast Aluminum
- ✓ Diffuser: Opal Polycarbonate
- ✓ Outstanding Temp: 0~45°C
- ✓ Delivered Lumen Output: 140lm/W
- ✓ Color Render Index > 80
- ✓ Power Factor > 0.9

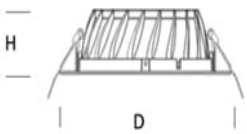
Model Selection

Model No.	Wattage	Lumen	Cut Out (mm)	Dimension (mm)DxH
DLST-010	10 W	1400 lm	120	145x70
DLST-015	15 W	2100 lm	165	190x70
DLST-020	20 W	2800 lm	165	190x70
DLST-030	30 W	4200 lm	190	215x70

Selectable Options

CCT	Beam Angle	Housing
3000K	110°	White
4000K		
6500K		





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IEC60598 LM79 / LM80 COMPLIANCE | Glowing Wire Test - 850°C | SDCM ≤3 | CE COMPLIANCE | RoHS

LED Downlight Vandal Resistant DL VR

- IP65
- Class II
- AC220-240V
- Recessed Ceiling
- Highly recyclable
- 50K hours lifetime
- Dimming Optional: DALI, Phase Cut & 1/0-10V

Product Features:

- ✓ Delivers exceptional luminous efficiency, providing bright illumination while minimizing energy consumption, resulting in cost savings and environmental benefits.
- ✓ Constructed with a durable die-cast aluminum body, ensuring robustness and longevity in outdoor and industrial environments, with excellent heat dissipation properties for optimal performance.
- ✓ Incorporates Surface Mounted Device (SMD) technology, known for its reliability, efficiency, and consistent light output, ensuring uniform illumination and reduced maintenance requirements.
- ✓ Features an IP65 rating, providing complete protection against dust and Water, making it suitable for both dry and wet area installations.
- ✓ With its high efficacy and advanced LED technology, the downlight offers exceptional energy efficiency, helping to lower electricity bills and reduce carbon footprint.
- ✓ Extended Durability with a Lifespan of Up to 50,000 Hours L80

Product Specifications:

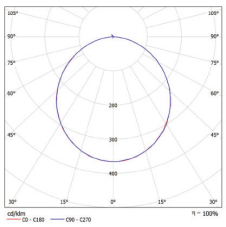
- ✓ Housing: Die-Cast Aluminum
- ✓ Diffuser: Opal polycarbonate
- ✓ Ambient Temperature: -20~50°C
- ✓ Delivered Lumen output: 100lm/W
- ✓ Color Render Index > 80
- ✓ Power Factor > 0.9

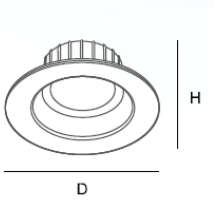
Model Selection

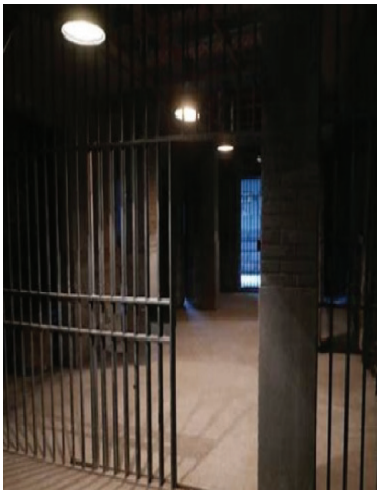
Model No.	Wattage	Lumen	Cut out (mm)	Dimension (mm)DxH
DLVR-015	15 W	1500 lm	125	140x58
DLVR-020	20 W	2000 lm	165	190x59
DLVR-026	26 W	2600 lm	195	230x71
DLVR-030	30 W	3000 lm	195	230x71
DLVR-036	36 W	3600 lm	195	230x71

Selectable Options

CCT	Beam Angle	Body Color
☐ 3000K	◢ 120°	☐ White
☐ 4000K		
☐ 6500K		







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LED Downlight DLSQ

- IP44/IP65
- Class II
- AC220-240V
- Recessed Ceiling
- Highly recyclable
- 50k Hours Lifetime
- Dimming Optional: DALI, Phase Cut & 1/0-10V

Product Features:

- ✓ Delivers exceptional luminous efficiency, providing bright illumination while minimizing energy consumption, resulting in cost savings and environmental benefits.
- ✓ Constructed with a durable die-cast aluminum body, ensuring robustness and longevity in outdoor and industrial environments, with excellent heat dissipation properties for optimal performance.
- ✓ Incorporates Surface Mounted Device (SMD) technology, Known for its reliability, efficiency, and consistent light output, ensuring uniform illumination and reduced maintenance requirements.
- ✓ Features an IP65 rating, providing complete protection against dust and water, making it suitable for both dry and wet area installations.
- ✓ With its high efficacy and advanced LED technology, the downlight offers exceptional energy efficiency, helping to lower electricity bills and reduce carbon footprint.
- ✓ Extended Durability with a Lifespan of Up to 50,000 Hours L80.

Product Specifications:

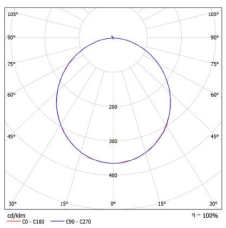
- ✓ Housing: Die-Cast Aluminum
- ✓ Diffuser: Opal Polycarbonate
- ✓ Outstanding Temp: 0~45°C
- ✓ Delivered Lumen Output: 120lm/W
- ✓ Color Render Index > 80
- ✓ Power Factor > 0.9

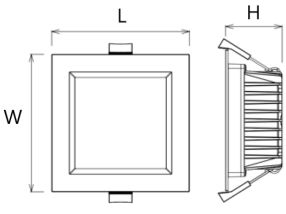
Model Selection

Model No.	Wattage	Lumen	Cut Out (mm)	Dimension (mm)WxDxH
DLSQ-012	12 W	1320 lm	100 x 100	110x110x49
DLSQ-018	18 W	1980 lm	135 x 135	145x145x53
DLSQ-024	24W	2640 lm	156x 156	170x170x54

Selectable Options

CCT	Beam Angle	Housing
3000K	100°	White
4000K		
6500K		





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FRATER®
SPAIN SINCE 1999

IEC60598 LM79 / LM80 COMPLIANCE | Glowing Wire Test - 850°C | SDCM <3 | CE COMPLIANCE | RoHS

LED Spotlight VEGA

- IP20
- Class II
- AC220-240V
- Recessed Ceiling
- Highly Recyclable
- 50K hours Lifetime
- Dimming optional: Phase Cut & 1/0-1/0V
- Adjustable Tilt

Product Features:

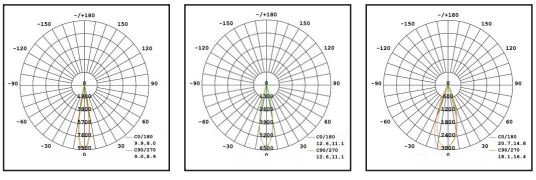
- ✓ Provides accurate and vibrant color reproduction, ensuring that artworks, exhibits, and merchandise are displayed in their true colors with exceptional clarity and detail.
- ✓ Constructed with a durable die-cast aluminum body, ensuring robustness and longevity in outdoor and industrial environments, with excellent heat dissipation properties for optimal performance.
- ✓ Utilizes Chip-on-Board (COB) LED technology, known for its high lumen output, uniform illumination, and excellent heat dissipation properties, resulting in consistent and reliable performance.
- ✓ Features an adjustable spotlight head or beam angle, allowing users to precisely direct the light where it's needed, enabling flexible lighting solutions for different displays and environments.
- ✓ Ideal for galleries, exhibitions, museums, residential, and commercial spaces requiring precise illumination and vibrant color rendering.
- ✓ Extended Durability with a Lifespan of Up to 50,000 Hours L80.

Product Specifications:

- ✓ Housing: Die-Cast Aluminum
- ✓ Diffuser: PC Lens
- ✓ Outstanding Temp: 0~45°C
- ✓ Delivered Lumen Output: 100lm/W
- ✓ Color Render Index > 90
- ✓ Power Factor > 0.9

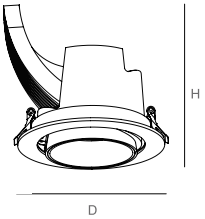
Model Selection

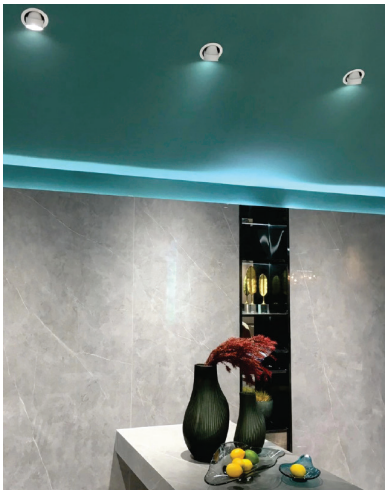
Model No.	Wattage	Lumen	Dimension (mm)DxH	Cutout (mm)
SLVG-020	20 W	2000 lm	110x110	95
SLVG-030	30 W	3000 lm	138x150	125
SLVG-040	40 W	4000 lm	158x168	145



Selectable Options

CCT	Beam Angle	Housing
3000K	15°	White
4000K	24°	Black
6500K	38°	Grey





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IEC60598 LM79 / LM80 COMPLIANCE | Glowing Wire Test - 850°C | SDCM <3 | CE COMPLIANCE | RoHS

LED Spotlight SPECTRA

- IP44
- Class II
- AC220-240V
- Recessed Ceiling
- 50K hours Lifetime
- Dimming optional: Phase Cut & 1/0-1/0V
- Tunable CCT
- Selectable Wattage
- Adjustable Tilt

Product Features:

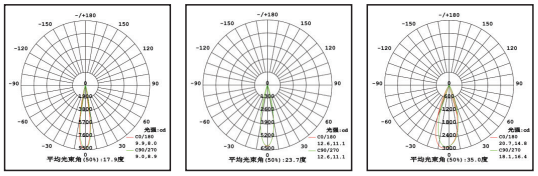
- ✓ Provides accurate and vibrant color reproduction, ensuring that artworks, exhibits, and merchandise are displayed in their true colors with exceptional clarity and detail.
- ✓ Constructed with a durable die-cast aluminum body, ensuring robustness and longevity in outdoor and industrial environments, with excellent heat dissipation properties for optimal performance.
- ✓ Utilizes Chip-on-Board (COB) LED technology, known for its high lumen output, uniform illumination, and excellent heat dissipation properties, resulting in consistent and reliable performance.
- ✓ Features an adjustable spotlight head or beam angle, allowing users to precisely direct the light where it's needed, enabling flexible lighting solutions for different displays and environments.
- ✓ Ideal for galleries, exhibitions, museums, residential, and commercial spaces requiring precise illumination and vibrant color rendering.
- ✓ Extended Durability with a Lifespan of Up to 50,000 Hours L80.
- ✓ Selectable Wattage and Tunable CCT for better utilization.

Product Specifications:

- ✓ Housing: Die-Cast Aluminum Body
- ✓ Diffuser: Clear Tempered Glass
- ✓ Outstanding Working Temp: 0~50°C
- ✓ Delivered Lumen Output: 90lm/W
- ✓ Color Render Index > 80

Model Selection

Model No.	Wattage	Lumen	Dimension (mm)DxH	Cutout (mm)
SPSP-040	20/30/40 W	Up to 4000 lm	165x130	145



Selectable Options

CCT	Beam Angle	Housing
3000K	15°	White
4000K	24°	Black
6500K	38°	Grey

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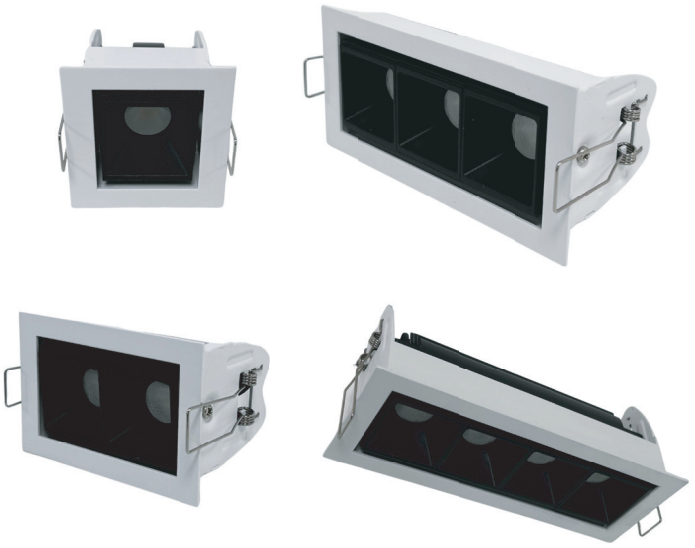
IEC60598 LM79 / LM80 COMPLIANCE | Glowing Wire Test - 850°C | SDCM <3 | CE COMPLIANCE | RoHS

SpotLight SL03

- IP20
- Class II
- AC220-240V
- Recessed Ceiling
- Highly recyclable
- 50k Hours Lifetime
- Dimming Optional: DALI, Phase Cut & 1/0-10V
- Adjustable Tilt



Product Features:

- ✓ Sleek and Space-Saving structure
- ✓ Advanced Heat-Sink Technology for Superior Heat Management
- ✓ Managament Extended Durability with a Lifespan of Up to
- ✓ 50,000 Hours L80

Product Specifications:

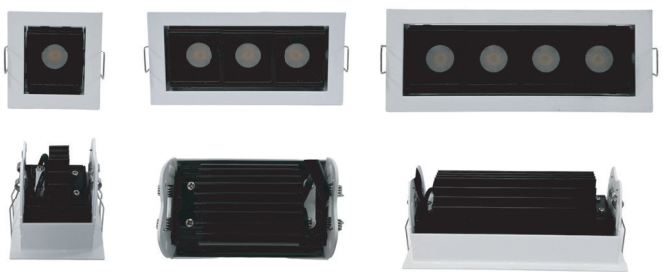
- ✓ Housing: Aluminum Alloy
- ✓ Diffuser: PMMA lens.
- ✓ Outstanding Temp: 0~45°C
- ✓ Delivered Lumen Output: 100lm/W
- ✓ Color Render Index > 90

Model Selection

Model No.	Wattage	Lumen	Cut Out (mm)	Dimension (mm)DxH
SL03-003	1x3 W	1x300 lm	40x44	54x56x55
SL03-D03	2x3 W	2x300 lm	71x44	84x56x55
SL03-T03	3x3 W	3x300 lm	104x44	115x56x55
SL03-Q03	4x3 W	4x300 lm	134x44	146x56x55

Selectable Options

CCT	Beam Angle	Body
3000K	30°	white
4000K		
6500K		



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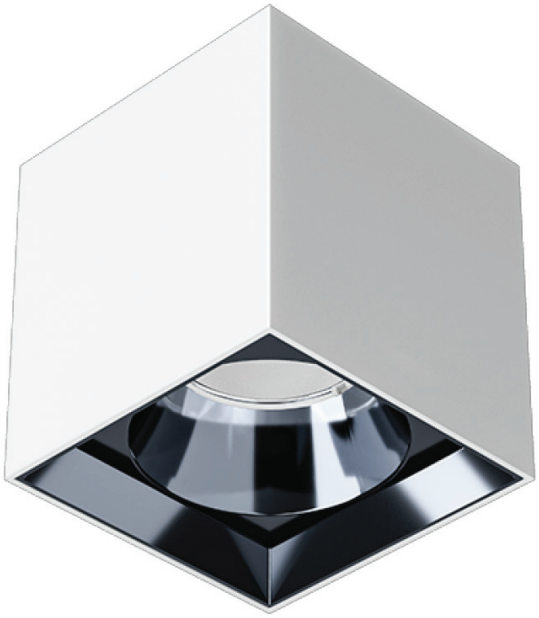
LED Downlight DL16



- IP65
- Class II
- AC220-240V, 50/60Hz
- Recessed Ceiling
- Highly recyclable
- 50k Hours Lifetime
- Dimming Optional: DALI, Phase Cut & 1/0-10V

Product Features:

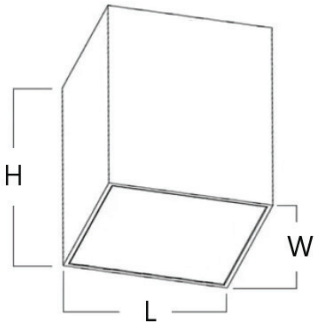
- ✓ Delivers exceptional luminous efficiency, providing bright illumination while minimizing energy consumption, resulting in cost savings and environmental benefits.
- ✓ Constructed with a durable die-cast aluminum body, ensuring robustness and longevity in outdoor and industrial environments, with excellent heat dissipation properties for optimal performance.
- ✓ Incorporates LED technology, Known for its reliability, efficiency, and consistent light output, ensuring uniform illumination and reduced maintenance requirements.
- ✓ Features an IP65 rating, providing complete protection against dust and water, making it suitable for both dry and wet area installations.
- ✓ With its high efficacy and advanced LED technology, the downlight offers exceptional energy efficiency, helping to lower electricity bills and reduce carbon footprint.
- ✓ Extended Durability with a Lifespan of Up to 50,000 Hours L80.

Product Specifications:

- ✓ Housing: Die-Cast Aluminum
- ✓ Diffuser: PC lens + Reflector
- ✓ Outstanding Temp: 0~45°C
- ✓ Delivered Lumen Output: 100lm/W
- ✓ Color Render Index > 80

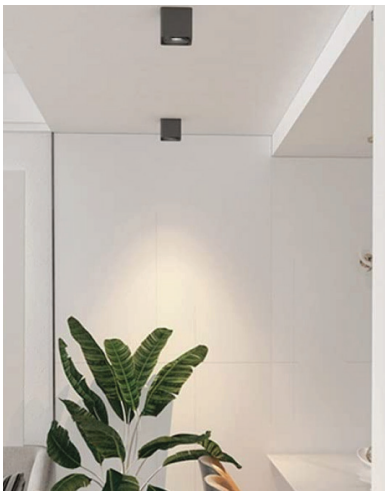
Model Selection

Model No.	Wattage	Lumen	Dimension (mm)WxDxH
DL16-015	15 W	1500 lm	100x100x96



Selectable Options

CCT	Beam Angle	Housing
☐ 3000K	☐ 36°	☐ White
☐ 4000K	☐ 100°	
☐ 6500K		



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Wall Light Vida Wall

- IP65
- Class I
- AC220-240V
- Surface Wall Mounted
- Highly recyclable
- 50K hours lifetime

Product Features:

- ✓ Crafted with high-quality materials to withstand outdoor elements, ensuring longevity and resilience.
- ✓ Creates an attractive and stylish ambiance on building facades walls
- ✓ Adjustable Light Angle.
- ✓ Sleek and Space-Saving Structure.
- ✓ Extended Durability with a Lifespan of Up to 50,000 Hours L80.

Product Specifications:

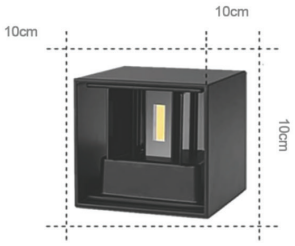
- ✓ Housing: Aluminum
- ✓ Diffuser: Glass
- ✓ Outstanding Temp: 0~50°C
- ✓ Delivered Lumen Output: 80lm/W
- ✓ Color Render Index > 80
- ✓ Power Factor > 0.9

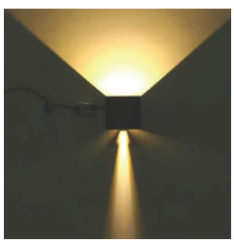
Model Selection

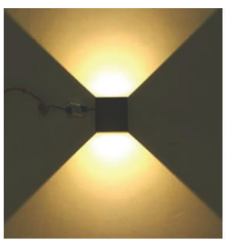
Model No.	Wattage	Lumen	Dimension (mm)LxWxH
DLVW-010	10 W	800 lm	100x100x100
DLVW-D10	2x10 W	2x800 lm	100x100x100

Selectable Options

CCT	Beam Angle	Body
3000K	Adj°	Black
4000K		
6500K		







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IEC60598 LM79 / LM80 COMPLIANCE | Glowing Wire Test - 850°C | SDCM <3 | CE COMPLIANCE | RoHS COMPLIANT

Downlight Vida 01

- IP20
- Class II
- AC100-240V
- Recessed Ceiling
- Highly recyclable
- 50k Hours Lifetime
- Dimming Optional: DALI, Phase Cut & 1/0-10V

Product Features:

- ✓ Sleek and stylish downlight with a clean trim, blending seamlessly into contemporary interiors.
- ✓ Designed with optimized optics and reflector/diffuser options to ensure comfortable, soft lighting.
- ✓ Advanced Heat-Sink Technology for Superior Heat Mangament
- ✓ Extended Durability with a Lifespan of Up to 50,000 Hours L80

Product Specifications:

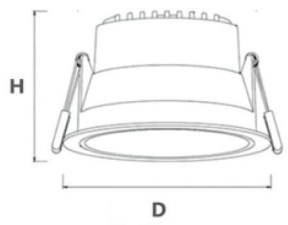
- ✓ Housing: Die-Cast Aluminum Body
- ✓ Diffuser: PMMA lens.
- ✓ Outstanding Temp: 0~45°C
- ✓ Delivered Lumen Output: 90lm/W
- ✓ Color Render Index > 90

Model Selection

Model No.	Wattage	Lumen	Cut Out (mm)	Dimension (mm)DxH
DLV1-012	12 W	1080 lm	75	84x42
DLV1-018	18 W	1620 lm	95	105x42

Selectable Options

CCT	Beam Angle	Trim
☐ 3000K	☐ 55°	☐ White
☐ 4000K		
☐ 6500K		



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SPAIN SINCE 1999

IEC60598 LM79 / LM80 COMPLIANCE | Glowing Wire Test - 850°C | SDCM <3 | CE COMPLIANCE | RoHS

COB Downlight Vida 02

- IP65
- Class II
- AC100-240V
- Recessed Ceiling
- Highly recyclable
- 50k Hours Lifetime
- Dimming Optional: DALI, Phase Cut & 1/0-10V

Product Features:

- ✓ Sleek and stylish downlight with a clean trim, blending seamlessly into contemporary interiors.
- ✓ Designed with optimized optics and reflector/diffuser options to ensure comfortable, soft lighting.
- ✓ Advanced Heat-Sink Technology for Superior Heat Mangament
- ✓ Suitable for use in toilets, bathrooms, kitchens, balconies, and other damp or wet environments where moisture protection is required.
- ✓ Extended Durability with a Lifespan of Up to 50,000 Hours L80

Product Specifications:

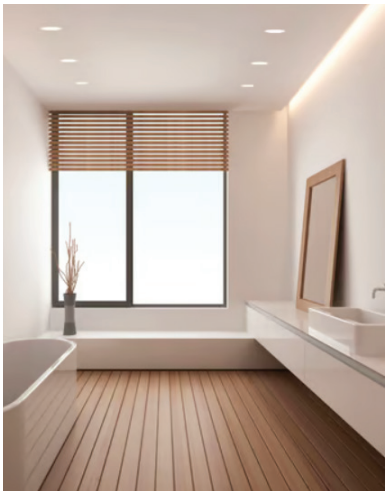
- ✓ Housing: Die-Cast Aluminum Body
- ✓ Diffuser: PMMA lens.
- ✓ Outstanding Temp: 0~45°C
- ✓ Delivered Lumen Output: 90lm/W
- ✓ Color Render Index > 90

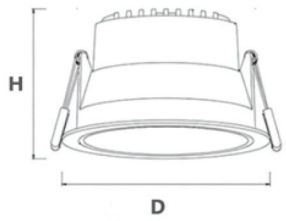
Model Selection

Model No.	Wattage	Lumen	Cut Out (mm)	Dimension (mm)DxH
DLV2-007	7 W	630 lm	75	87x53

Selectable Options

CCT	Beam Angle	Trim
3000K	55°	White
4000K		
6500K		





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IEC60598 LM79 / LM80 COMPLIANCE | Glowing Wire Test - 850°C | SDCM <3 | CE COMPLIANCE | RoHS COMPLIANT

Surface Downlight Vida 03

- IP20
- Class II
- AC220-240V
- Ceiling Surface
- Highly recyclable
- 30K hours optional

Product Features:

- ✓ Sleek design ensures bright and efficient lighting.
- ✓ Robust construction provides resistance to water, dust impact and corrosion.
- ✓ Easy installation with a user friendly design.
- ✓ Extended Durability with a Lifespan of Up to 50,000 Hours L80.

Product Specifications:

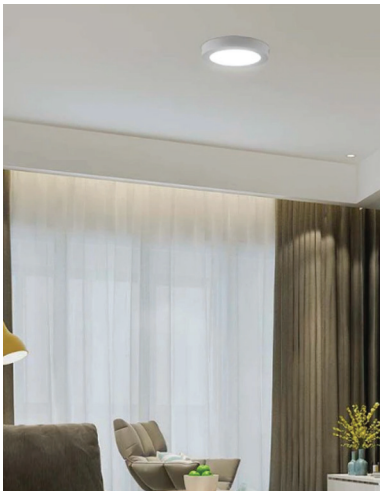
- ✓ Housing: Die Cast Aluminium, PP Ring
- ✓ Diffuser: PS Cover
- ✓ Outstanding Temp: 0~45°C
- ✓ Delivered Lumen Output: 90lm/W
- ✓ Color Render Index > 80
- ✓ Power Factor > 0.9

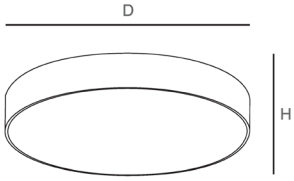
Model Selection

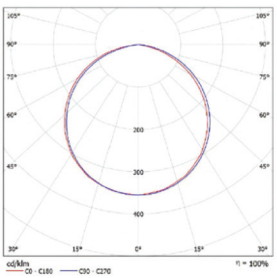
Model No.	Wattage	Lumen	Dimension (mm)DxH
DLV3-018	18 W	1620 lm	Ø210x28

Selectable Options

CCT	Beam Angle	Body Color
3000K	110°	White
4000K		Black
6500K		Silver







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IEC60598 LM79 / LM80 COMPLIANCE | Glowing Wire Test - 850°C | SDCM <3 | CE COMPLIANCE | RoHS COMPLIANT

Downlight Vida 04

- IP20
- Class II
- AC185-265V
- Recessed Ceiling
- Highly recyclable
- 50k Hours Lifetime
- Dimming Optional: DALI, Phase Cut & 1/0-10V

Product Features:

- ✓ Sleek and Space-Saving structure
- ✓ Advanced Heat-Sink Technology for Superior Heat
- ✓ Mangament Extended Durability with a Lifespan of Up 50,000 Hours L80

Product Specifications:

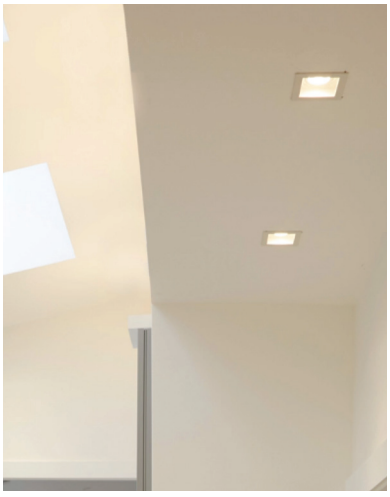
- ✓ Housing: Aluminium Alloy
- ✓ Diffuser: PMMA lens.
- ✓ Outstanding Temp: 0~45°C
- ✓ Delivered Lumen Output: 100lm/W
- ✓ Color Render Index > 90

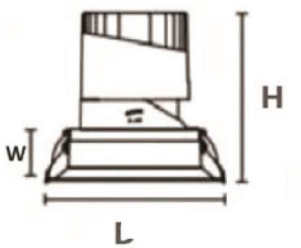
Model Selection

Model No.	Wattage	Lumen	Cut Out (mm)	Dimension (mmWxLxH
DLV4-010	10 W	1000 lm	100x100	130x130x65
DLV4-015	15 W	1500 lm	100x100	135x135x85

Selectable Options

CCT	Beam Angle	Body
3000K	55°	White
4000K		
6500K		





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TRACK LIGHT

FRATER®
SPAIN SINCE 1999

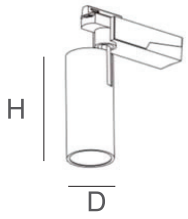
IEC60598 LM79 / LM80 COMPLIANCE | Glowing Wire Test - 850°C | SDCM <3 | CE COMPLIANCE | RoHS

Track Light TRL12

- IP20
- Class II
- AC220-240V
- Track Mounted
- Highly recyclable
- 50K hours
- Tunable CCT
- Selectable Wattages

Product Features:

- ✓ Allow for adjustments of the color temperature to suit different environments and preferences, ranging from warm to cool light.
- ✓ Features multiple wattage options that can be easily selected to meet specific lighting requirements and enhance energy efficiency.
- ✓ Delivers high luminous efficacy, providing bright and efficient lighting while minimizing energy consumption.
- ✓ Extended Durability with a Lifespan of Up to 50,000 hours L80.



Product Specifications:

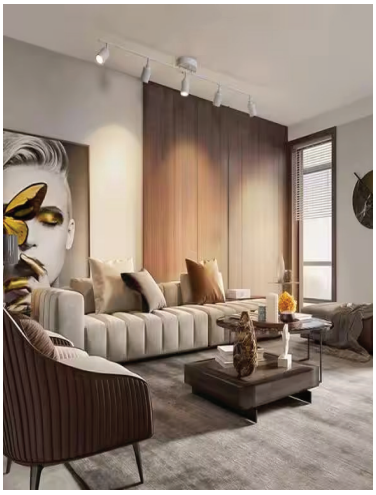
- ✓ Housing: Die-Cast Aluminum
- ✓ Diffuser: Clear Glass
- ✓ Ambient Temperature: 0~45°C
- ✓ Delivered Lumen output: 120lm/W
- ✓ Color Render Index > 80
- ✓ Power Factor > 0.9

Model Selection

Model No.	Wattage	Lumen	Dimension (mm)DxH
TRL12-045	25W/30W/35W/40W/45W	Up to 5400 lm	ø 90x140

Options: CCT, Finish & Beam Angle

CCT	Beam Angle	Housing
3000K	15°	White
4000K	24°	Black
5000K	36°	



Track, Accessories

4 Wire, 3 Phase Track, 1M/2M

4 Wire, I mini Connector, Square

Power Connector, 4 Wire

Track Endcap, 4 Wire

Suspension Kit

Flexible L Connector

T Connector

X Connector

L Connector

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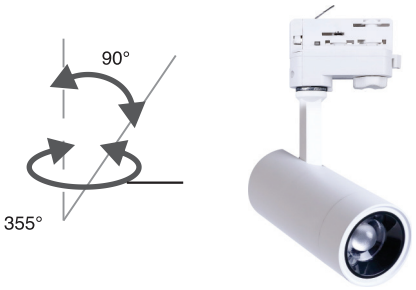
SPAIN SINCE 1999

Track Lights Free Zoom I

- IP20
- Class II
- AC220-240V
- Track Mounted
- Highly recyclable
- 30K / 50K hours Optional
- Dimming Options

Product Features:

- ✓ Crafted with high-quality materials ensuring longevity and resilience.
- ✓ Designed with track mounting for easy installation
- ✓ Provides powerful and efficient illumination, enhancing visibility
- ✓ Designed for straightforward installation, allowing users to position the light precisely where its needed.
- ✓ Sleek and Space Saving Structure with multiple beam angle
- ✓ Extended Durability with a Lifespan of Up to 50,000 Hours L80



Product Specifications:

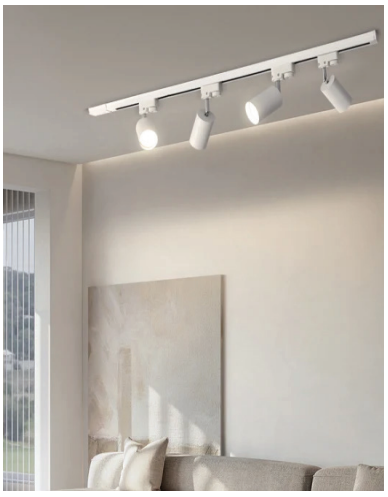
- ✓ Housing: Die-Cast Aluminum
- ✓ Diffuser: Clear Glass
- ✓ Outstanding Working Temp: 0~45°C
- ✓ Delivered Lumen output: 100lm/W
- ✓ Color Render Index > 80
- ✓ Power Factor > 0.9

Model Selection

Model No.	Wattage	Lumen	Dimension (mm)DxH
TRF1-015	15 W	1500 lm	ø70x188
TRF1-025	25 W	2500 lm	ø70x188

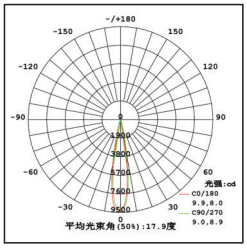
Selectable Options

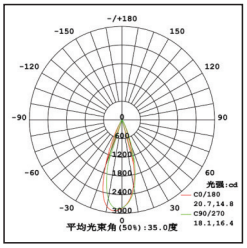
CCT	Beam Angle	Body Color
2700K	15°	White
3000K	55°	Black
4000K		

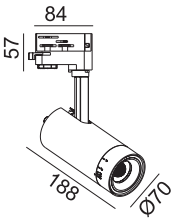


ACCESSORIES

Honeycomb Optional







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Track Lights Free Zoom II

IP20

Class II

AC220-240V

Track Mounted

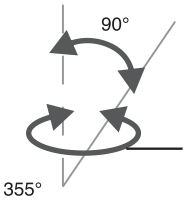
Highly recyclable

30K / 50K hours Optional

Dimming Options

Product Features:

- ✓ Crafted with high-quality materials ensuring longevity and resilience.
- ✓ Designed with track mounting for easy installation
- ✓ Provides powerful and efficient illumination, enhancing visibility
- ✓ Designed for straightforward installation, allowing users to position the light precisely where its needed.
- ✓ Sleek and Space Saving Structure with multiple beam angle
- ✓ Extended Durability with a Lifespan of Up to 50,000 Hours L80



Product Specifications:

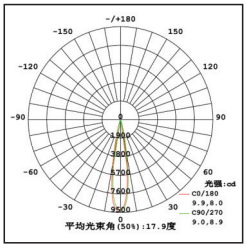
- ✓ Housing: Die-Cast Aluminum
- ✓ Diffuser: Clear Glass
- ✓ Outstanding Working Temp: 0~45°C
- ✓ Delivered Lumen output: 100lm/W
- ✓ Color Render Index > 80
- ✓ Power Factor > 0.9

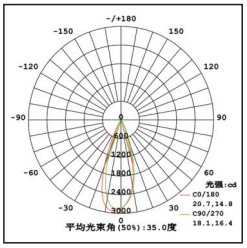
Model Selection

Model No.	Wattage	Lumen	Dimension (mm)DxH
TRF2-015	15 W	1500 lm	ø70x188
TRF2-025	25 W	2500 lm	ø70x188

ACCESSORIES

Honeycomb Optional





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Track Light Linear TRL1

IP20

Class I

AC220-240V, 50/60Hz

Track Mounted Luminaire

Highly recyclable

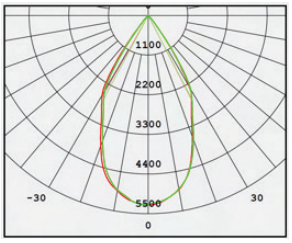
50K hours

Product Features:

- ✓ Crafted with high-quality materials ensuring longevity and resilience.
- ✓ Designed with track mounting for easy installation
- ✓ Provides powerful and efficient illumination, enhancing visibility
- ✓ Designed for straightforward installation, allowing users to position the light precisely where its needed.
- ✓ Sleek and Space Saving Structure with multiple beam angle
- ✓ Extended Durability with a Lifespan of Up to 50,000 Hours L80

Product Specifications:

- ✓ Housing: 6063 Aluminum Body
- ✓ Diffuser: PMMA Lens
- ✓ Outstanding Working Temp: 0~50°C
- ✓ Delivered Lumen output: 150lm/W
- ✓ Color Render Index > 80
- ✓ Power Factor > 0.9
- ✓ Tracking with 4 wire 3 circuits adopter

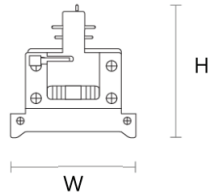


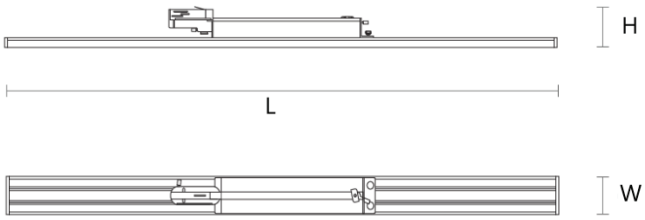
Model Selection

Model No.	Wattage	Lumen	Dimension (mm)LxWxH
TRL1-020	20 W	3000 lm	582x61x66
TRL1-030	30 W	4500 lm	582x61x66
TRL1-040	40 W	6000 lm	1144x61x66
TRL1-060	60 W	9000 lm	1430x61x66

Selectable Options

CCT	Beam Angle	Body Color
3000K	30°	Black
4000K	60°	White
6500K	90°	
	100°	





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SPAIN SINCE 1999

IEC60598 LM79 / LM80 COMPLIANCE | Glowing Wire Test - 850°C | SDCM <3 | CE COMPLIANCE | RoHS

Track Light Linear TRL2

- IP20
- Class I
- AC220-240V, 50/60Hz
- Track Mounted Luminaire
- Highly recyclable
- 50K hours

Product Features:

- ✓ Crafted with high-quality materials ensuring longevity and resilience.
- ✓ Designed with track mounting for easy installation
- ✓ Provides powerful and efficient illumination, enhancing visbility
- ✓ Designed for straightforward installation, allowing users to position the light precisely where its needed.
- ✓ Sleek and Space Saving Structure with multiple beam angle
- ✓ Extended Durability with a Lifespan of Up to 50,000 Hours L80

Product Specifications:

- ✓ Housing:Aluminum Body
- ✓ Diffuser: PMMA Lens / Reflector
- ✓ UGR : <13 / <22
- ✓ Outstanding Working Temp: 0~50°C
- ✓ Delivered Lumen output: 150/180lm/W
- ✓ Color Render Index > 80/92
- ✓ Power Factor > 0.9
- ✓ Tracking with 4 wire 3 circuits adopter

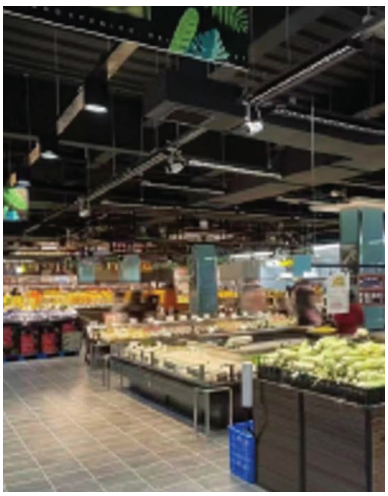
Model Selection

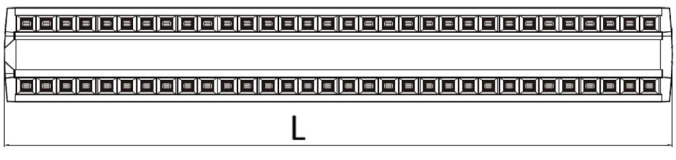
Model No.	Wattage	Lumen	Dimension (mm)LxWxH
TRL2-040	20/30/40 W	Up to 7200 lm	565x154x76
TRL2-060	40/50/60 W	Up to 10800 lm	1095x154x76
TRL2-090	60/80/90 W	Up to 16200 lm	1492x154x76

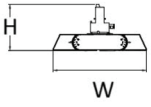
*Above table for 180lm/w For Lens Type with UGR<22
** For 150lm/W it's Reflector type with UGR<13

Selectable Options

CCT	Beam Angle	Body Color
3000K	20x50°	Black
4000K	30x70°	White
6500K		







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SPAIN SINCE 1999

Track Light Linear Twin Wings

IP20

Class I

AC220-240V, 50/60Hz

Surface and Suspended Mounted Luminaire

Highly Recyclable

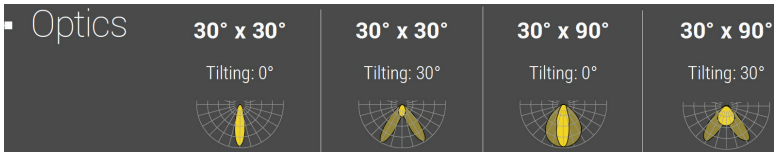
30K / 50K hours

Product Features:

- ✓ Crafted with high-quality materials ensuring longevity and resilience
- ✓ Adjustable twin modules
- ✓ Provides powerful and efficient illumination, enhancing visibility
- ✓ Designed for straightforward installation, allowing users to position the light precisely where its needed
- ✓ Sleek and Space-Saving Structure with multiple beam angle
- ✓ Extended Durability with a Lifespan of Up to 50,000 Hours L80.

Product Specifications:

- ✓ Housing: 6063 Aluminum Body
- ✓ Diffuser: PMMA Lens
- ✓ Outstanding Working Temp: -24~40°C
- ✓ Delivered Lumen output: White Finish 160lm/W
- ✓ Delivered Lumen output: Black Finish 145lm/W
- ✓ Color Render Index > 80
- ✓ Power Factor > 0.9



Model Selection

Model No.	Wattage	Lumen	Dimension (mm)LxWxH
TLTW-016	16 W	2560 lm	600x120x68
TLTW-020	20 W	3200 lm	600x120x68
TLTW-030	30 W	4800 lm	600x120x68
TLTW-040	40 W	6400 lm	600x120x68
TLTW-050	50 W	8000 lm	600x120x68
TLTW-060	60 W	9600 lm	1493x120x68

Selectable Options

CCT	Track	LED Driver	Body Finish
3000K	ON/OFF: 4-Wire, 3 Phase	ON-OFF	Black RAL 9017
4000K	DALI: 6-Wire, 3 Phase	DALI	White RAL 9016
6500K			

4 wire track rail, Length : 2000mm	TRW1 accessory	
4 wire track rail, Length : 1000mm	TRW1 accessory	
Straight Connector	TRW1 accessory	
L Connector	TRW1 accessory	

T Connector	TRW1 accessory	
End Feeder	TRW1 accessory	
End cap	TRW1 accessory	
Suspension Kit with 3m cord	TRW1 accessory	

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LED Magnetic Track Series MT20

- IP20
- Class II
- Track 48V DC
- Surface / Suspended/ Recessed
- Highly recyclable
- 50K hours lifetime
- DALI Dimming

Product Features:

- ✓ Adjustable and Directional Lighting and Highly Compatibility with Smart Lighting Control System
- ✓ High Safety and SELV product
- ✓ Sleek and Space-Saving Structure.
- ✓ New Generation Magnetic Track, Easy Installation, Operation
- ✓ and Maintanance Multiple Beam Angle
- ✓ Extended Durability with a Lifespan of Up to 50,000 Hours L80.

Product Specifications:

- ✓ Housing: Aluminum
- ✓ Diffuser: PMMA Lens / PC diffuser
- ✓ Outstanding Working Temp: -10+~45°C
- ✓ Delivered Lumen output: 90lm/W
- ✓ Color Render Index > 90
  UGR < 16

Spot Light 2S

Model Selection

Model No.	Wattage	Lumen	Dimension (mm)DxH
MT2S-007	7 W	630 lm	25x80
MT2S-012	12 W	1080 lm	48x100
MT2S-020	20 W	1800 lm	58x155

Selectable Options

CCT	Beam Angle	Body Color
3000K	120 °	Black
4000K		White
6500K		

Grille Adjustable 2G

Model Selection

Model No.	Wattage	Lumen	Dimension (mm)LxWxH
MT2G-006	6 W	540 lm	113x24x125
MT2G-012	12 W	1080 lm	221x24x125
MT2G-018	18 W	1620 lm	330x24x125

Selectable Options

CCT	Beam Angle	Body Color
3000K	120 °	Black
4000K		White
6500K		

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IEC60598 LM79 / LM80 COMPLIANCE | Glowing Wire Test - 850°C | SDCM <3 | CE COMPLIANCE | RoHS COMPLIANT

LED Magnetic Track Series MT20

Grille Light 2J

Model Selection

Model No.	Wattage	Lumen	Dimension (mm)LxWxH
MT2J-007	7 W	630 lm	110x22x43
MT2J-012	12 W	1080 lm	220x22x43
MT2J-018	18 W	1620 lm	330x22x43
MT2J-024	24 W	2160 lm	440x22x43
MT2J-036	36 W	3240 lm	660x22x43

Selectable Options

CCT	Beam Angle	Body Color
3000K	120 °	Black
4000K		White
6500K		

Linear Light 2L

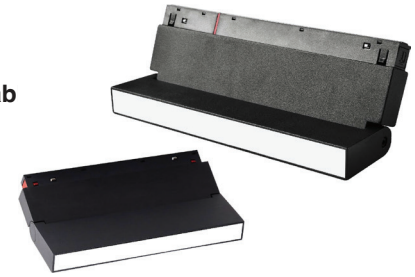
Model Selection

Model No.	Wattage	Lumen	Dimension (mm)LxWxH
MT2L-010	10 W	900 lm	220x22x43
MT2L-020	20 W	1800 lm	330x22x43
MT2L030	30 W	2700 lm	600x22x42
MT2L-040	40 W	3600 lm	900x22x42

Selectable Options

CCT	Beam Angle	Body Color
3000K	120 °	Black
4000K		White
6500K		

Linear Adjustab 2Q



Model Selection

Model No.	Wattage	Lumen	Dimension (mm)DxH
MT2Q-006	6 W	540 lm	113x24x125
MT2Q-012	12 W	1080 lm	221x24x125
MT2Q-018	18 W	1620 lm	330x24x125

Selectable Options

CCT	Beam Angle	Body Color
3000K	120 °	Black
4000K		White
6500K		

Panel Slim 2P

Model Selection

Model No.	Wattage	Lumen	Dimension (mm)DxH
MT2P-016	16 W	1440 lm	96x131

Selectable Options

CCT	Beam Angle	Body Color
3000K	120 °	Black
4000K		White
6500K		

Spot Slim 2R

Model Selection

Model No.	Wattage	Lumen	Dimension (mm)DxH
MT2R-012	12 W	1080 lm	90x35

Selectable Options

CCT	Beam Angle	Body Color
3000K	120 °	Black
4000K		White
6500K		

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IEC60598 LM79 / LM80 COMPLIANCE | Glowing Wire Test - 850°C | SDCM <3 | CE COMPLIANCE | RoHS

LED Magnetic Track Series MT20

Spot Pendant, 2H

Model Selection

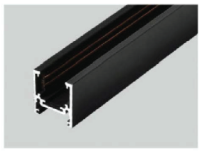
Model No.	Wattage	Lumen	Dimension (mm)DxH
MT2H-007	7 W	630 lm	45x300

Selectable Options

CCT	Beam Angle	Body Color
3000K	24 °	Black
4000K		White
6500K		Gold

Accessories

Track



MTAT-A1
Frater Magnetic Track, MT20 Type A, Surface Installation, W26.6*H27.9 mm, Black/White, 1 Meter

MTAT-A2
Frater Magnetic Track, MT20 Type A, Surface Installation, W26.6*H27.9 mm, Black/White, 2 Meters

MTAT-B1
Frater Magnetic Track, MT26 Type B, Recessed Installation, 60.3x26.3x44.3 mm, Black/White, 1 Meter

MTAT-B2
Frater Magnetic Track, MT26 Type B, Recessed Installation,60.3x26.3x44.3 mm, Black/White,2 Meters

20 direct module

20 input module

20 corner module

15 direct module

15 corner module

15 input module

48V magnetic track drive

48V magnetic track drive

suface 90° corner

surface vertical 90° corner

splint 90° corner

splint vertical 90° corner

splint vertical 90° corner integration

plaster 90° corner

plaster vertical 90° corner

splint four-way corner

suface 90° corner PC

splint 90° corner PC

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LED Magnetic Track Series MT26

- IP20
- Class II
- AC220-240V
- Surface / Suspended
- Highly recyclable
- 50K hours lifetime
- Dimming Optional: DALI, Phase Cut & 1/0-10V

Product Features:

- ✓ Adjustable and Directional Lighting and Highly Compatibility with Smart Lighting Control System
- ✓ High Safety and SELV product
- ✓ Sleek and Space-Saving Structure.
- ✓ New Generation Magnetic Track, Easy Installation, Operation and Maintenance
- ✓ Multiple Beam Angle
- ✓ Advanced Durability with a Lifespan of Up to 50,000 Hours L80.
- ✓ Extended Durability with a Lifespan of Up to 50,000 Hours L80.

Product Specifications:

- ✓ Housing: Aluminum
- ✓ Diffuser: PMMA Lens / PC diffuser
- ✓ Outstanding Working Temp: -10+~45°C
- ✓ Delivered Lumen output: 70lm/W
- ✓ Color Render Index > 80/90

Adjustable Linear Light, AL

Model Selection

Model No.	Wattage	Lumen	Dimension (mm)DxH
MTAL-009	9 W	900 lm	26x300
MTAL-018	18 W	1260 lm	26x600

Selectable Options

CCT	Beam Angle	Body Color
3000K	210°	Black
4000K		White
6500K		

Linear Light, LL

Model Selection

Model No.	Wattage	Lumen	Dimension (mm)LxWxH
MTLL-010	10 W	700 lm	315x26x24
MTLL-020	20 W	1400 lm	615x26x24
MTLL-030	30 W	2100 lm	915x26x24

Selectable Options

CCT	Beam Angle	Body Color
3000K	90/120°	Black
4000K		White
6500K		

Linear Adjustable, LA

Model Selection

Model No.	Wattage	Lumen	Dimension (mm)DxH
MTLA-006	6 W	420 lm	122x26x80
MTLA-012	12 W	840 lm	230x26x80

Selectable Options

CCT	Beam Angle	Body Color
3000K	90/120°	Black
4000K		White
6500K		

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LED Magnetic Track Series MT26

Grille Light, GL

Model Selection

Model No.	Wattage	Lumen	Dimension (mm)LxWxH
MTGL-012	12 W	840 lm	230x26x24
MTGL-018	18 W	1260 lm	338x26x24
MTGL-024	24 W	1680 lm	445x26x24
MTGL-030	30 W	2100 lm	555x26x24

Selectable Options

CCT	Beam Angle	Body Color
3000K	15/24/36°	Black
4000K		White
6500K		

Grille Adjustable, GA

Model Selection

Model No.	Wattage	Lumen	Dimension (mm)LxWxH
MTGA-006	6 W	420 lm	122x26x80
MTGA-012	12 W	840 lm	230x26x80

Selectable Options

CCT	Beam Angle	Body Color
3000K	15/24/36°	Black
4000K		White
6500K		

Globe Light, GB

Model Selection

Model No.	Wattage	Lumen	Dimension (mm)DxH
MTGL-006	6 W	350 lm	100x100

Selectable Options

CCT	Beam Angle	Body Color
3000K	150°	Black
4000K		White
6500K		

Globe Pendant, GP

Model Selection

Model No.	Wattage	Lumen	Dimension (mm)DxH
MTGP-006	6 W	350 lm	100x100

Selectable Options

CCT	Beam Angle	Body Color
3000K	150°	Black
4000K		White
6500K		

Globe Golden, GG

Model Selection

Model No.	Wattage	Lumen	Dimension (mm)DxH
MTGG-006	6 W	480 lm	150x150
MTGG-012	12 W	960 lm	150x150

Selectable Options

CCT	Beam Angle	Body Color
3000K	360°	Golden
4000K		
6500K		

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FRATER®
SPAIN SINCE 1999

LED Magnetic Track Series MT26

Hose Light, HL

Model Selection

Model No.	Wattage	Lumen	Dimension (mm)DxL
MTHL-016	16 W	1120 lm	22x1000
MTHL-032	32 W	2240 lm	22x2000
MTHL-048	48 W	3360 lm	22x3000
MTHL-060	60 W	4200 lm	22x4000
MTHL-072	72 W	5040 lm	22x5000

Selectable Options

CCT	Beam Angle	Body Color
3000K	360°	Black
4000K		White
6500K		

Panel Slim, PS

Model Selection

Model No.	Wattage	Lumen	Dimension (mm)DxH
MTPS-009	9 W	540 lm	95x30

Selectable Options

CCT	Beam Angle	Body Color
3000K	90/110°	Black
4000K		White
6500K		

Panel Light, PL

Model Selection

Model No.	Wattage	Lumen	Dimension (mm)DxH
MTPL-009	9 W	540 lm	95x30

Selectable Options

CCT	Beam Angle	Body Color
3000K	90/110°	Black
4000K		White
6500K		

Spot Slim, SS

Model Selection

Model No.	Wattage	Lumen	Dimension (mm)DxH
MTSS-009	9 W	720 lm	95x30

Selectable Options

CCT	Beam Angle	Body Color
3000K	15/24/36°	Black
4000K		White
6500K		

Anti-Glare Downlights, AG

Model Selection

Model No.	Wattage	Lumen	Dimension (mm)DxH
MTAG-006	6 W	420 lm	75x75

Selectable Options

CCT	Beam Angle	Body Color
3000K	15/24/36°	Black
4000K		White
6500K		

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FRATER®
SPAIN SINCE 1999

LED Magnetic Track Series MT26

Spot Light, TL

Model Selection

Model No.	Wattage	Lumen	Dimension (mm)DxH
MTSL-010	10 W	700 lm	48x105
MTSL-020	20 W	1400 lm	58x105
MTSL-030	30 W	2100 lm	68x105

Selectable Options

CCT	Beam Angle	Body Color
3000K	14/24/36°	Black
4000K		White
6500K		

Spot Pendant, SP

Model Selection

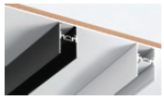
Model No.	Wattage	Lumen	Dimension (mm)DxH
MTSP-006	6 W	420 lm	30x300
MTSP-012	12 W	840 lm	40x300

Selectable Options

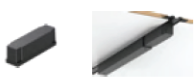
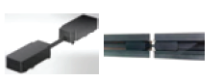
CCT	Beam Angle	Body Color
3000K	15/24/36°	Black
4000K		White
6500K		

Accessories

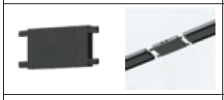
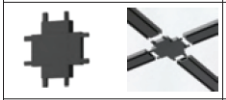
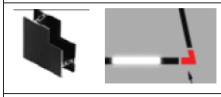
Track

	MTAT-A1 Frater Magnetic Track, MT26 Type A, Surface Installation, W26*H6.3 mm, Black/White, 1 Meters
	MTAT-A2 Frater Magnetic Track, MT26 Type A, Surface Installation, W26*H6.3 mm, Black/White, 2 Meters
	MTAT-C1 Frater Magnetic Track, MT26 Type C, Surface Installation, W29.3*H36.7 mm, Black/White, 2 Meters
	MTAT-C2 Frater Magnetic Track, MT26 Type C, Surface Installation, W29.3*H36.7 mm, Black/White, 2 Meters
	MTAT-D1 Frater Magnetic Track, MT26 Type C, Recessed Installation, W67.3*H30.7 mm, Black/White, 2 Meters
	MTAT-D2 Frater Magnetic Track, MT26 Type C, Recessed Installation, W67.3*H30.7 mm, Black/White, 2 Meters

Feeders and Connectors

	MTAC-ED Frater Magnetic Track External Driver Connector, MT26, Black/White
	MTAC-ID Frater Magnetic Track Internal Driver, MT26, L310*W26*H24 mm, 200 W, 48VDC, Black/White
	MTAC-WB Frater Magnetic Track Wire Box, MT26, L100*W26*H29 mm, Black/White
	MTAC-ST Frater Magnetic Track Power Straight Through Connector, MT26, Black/White
	MTAC-CR Frater Magnetic Track Power Corner Connector, MT26, Black/White

Joints

	MTAJ-AV Frater Magnetic Track Vertical Joint, MT26 Type A, L25*W25*H26 mm, Black/White
	MTAJ-AS Frater Magnetic Track Straight Through Joint, MT26 Type A, L59*W26*H6 mm Black/White,
	MTAJ-AH Frater Magnetic Track Horizontal Joint, MT26 Type A, L43*W43*H6 mm, Black/White
	MTAJ-AT Frater Magnetic Track T Joint, MT26 Type A, L59*W43*H6 mm, Black/White
	MTAJ-AC Frater Magnetic Track Cross Joint, MT26 Type A, L59*W59*H6 mm, Black/White
	MTAJ-CV Frater Magnetic Track Vertical Joint, MT26 Type C, 100*100mm, Black/White
	MTAJ-CH Frater Magnetic Track Horizontal Joint, MT26 Type C, 100*100mm, Black/White

Others

	MTAS-CX Frater Magnetic Track Suspension Kit, MT26 Type C, Black/White
	MTAL-CX Frater Magnetic Track Link, MT26 Type C, Black/White

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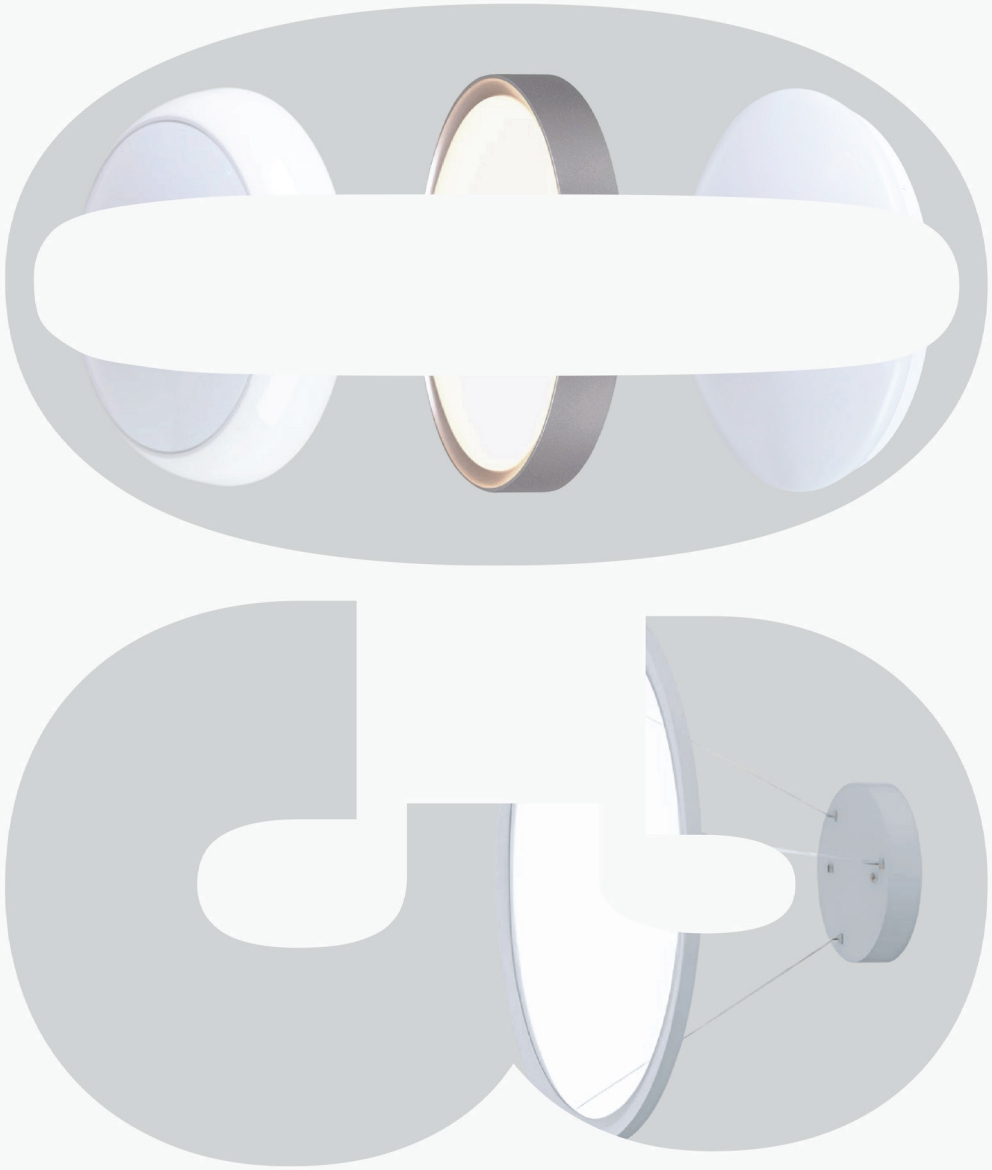


CEILING & PENDANT LIGHT

FRATER®
SPAIN SINCE 1999

IEC60598 LM79 / LM80 COMPLIANCE | Glowing Wire Test - 850°C | SDCM <3 | CE COMPLIANCE | RoHS

Ceiling Light Mushroom

IP44

Class II

AC220-240V

Ceiling Surface

Highly recyclable

30K / 50K hours optional

Dimming Optional

Product Features:

- ✓ Sleek design ensures bright and efficient lighting.
- ✓ Robust construction provides resistance to water, dust impact and corrosion.
- ✓ Easy installation with a user friendly design.
- ✓ Extended Durability with a Lifespan of Up to 50,000 Hours L80.

Product Specifications:

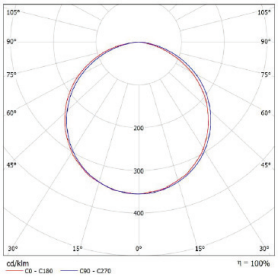
- ✓ Housing: Aluminum Frame
- ✓ Diffuser: Polycarbonate
- ✓ Outstanding Working Temp: 0~50°C
- ✓ Delivered Lumen output: 90lm/W
- ✓ Color Render Index > 80

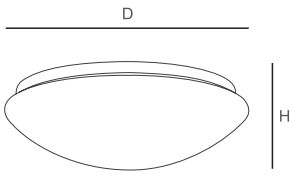
Model Selection

Model No.	Wattage	Lumen	Dimension (mm)DxH
CLMU-012	12 W	1080 lm	ø280x95
CLMU-018	18 W	1620 lm	ø360x105
CLMU-022	22 W	1980 lm	ø410x115
CLMU-032	32 W	2880 lm	ø410x115

Selectable Options

CCT	Beam Angle	Body Color
3000K	120°	White
4000K		
6500K		





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FRATER®
SPAIN SINCE 1999

IEC60598 LM79 / LM80 COMPLIANCE | Glowing Wire Test - 850°C | SDCM <3 | CE COMPLIANCE | RoHS

Ceiling Light Omega

IP54

Class II

AC220-240V

Ceiling Surface

Highly recyclable

50K hours optional

Dimming Optional

Tunable CCT

Product Features:

- ✓ Sleek design ensures bright and efficient lighting.
- ✓ Robust construction provides resistance to water, dust impact and corrosion.
- ✓ Easy installation with a user friendly design.
- ✓ Extended Durability with a Lifespan of Up to 50,000 Hours L80.

Product Specifications:

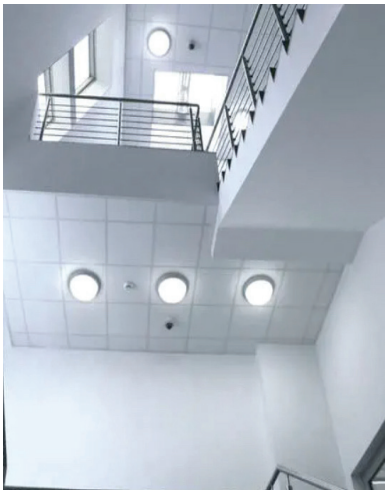
- ✓ Housing: Polycarbonate
- ✓ Diffuser: Opal Polycarbonate
- ✓ Outstanding Temp: 0~45°C
- ✓ Delivered Lumen Output: 90lm/W
- ✓ Color Render Index > 80
- ✓ Power Factor > 0.9

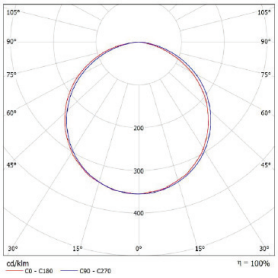
Model Selection

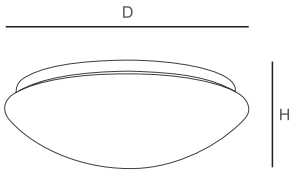
Model No.	Wattage	Lumen	Dimension (mm)DxH
CLOM-015	15 W	1350 lm	ø320x100
CLOM-020	20 W	1800 lm	ø320x100
CLOM-026	26 W	2340 lm	ø320x100

Selectable Options

CCT	Beam Angle	Body Color
3000K	110°	White
4000K		
6500K		







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FRATER®
SPAIN SINCE 1999

IEC60598 LM79 / LM80 COMPLIANCE | Glowing Wire Test - 850°C | SDCM <3 | CE COMPLIANCE | RoHS

Ceiling Light Sadr

IP44

Class II

AC220-240V

Ceiling Surface

Highly recyclable

30K hours optional

Product Features:

- ✓ Sleek design ensures bright and efficient lighting.
- ✓ Robust construction provides resistance to water, dust impact and corrosion.
- ✓ Easy installation with a user friendly design.
- ✓ Extended Durability with a Lifespan of Up to 30,000 Hours L80.

Product Specifications:

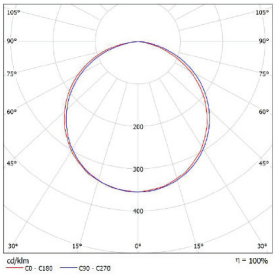
- ✓ Housing: Polycarbonate
- ✓ Diffuser: Opal Polycarbonate
- ✓ Outstanding Temp: 0~45°C
- ✓ Delivered Lumen Output: 100lm/W
- ✓ Color Render Index > 80
- ✓ Power Factor > 0.9

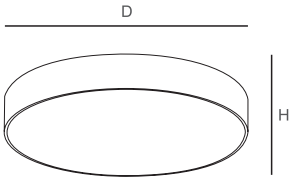
Model Selection

Model No.	Wattage	Lumen	Dimension (mm)DxH
CLSD-018	18 W	1800 lm	ø330x90
CLSD-026	26 W	2600 lm	ø330x90

Selectable Options

CCT	Beam Angle	Body Color
3000K	110°	White
4000K		Black
6500K		Silver





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FRATER®
SPAIN SINCE 1999

Pendant Light Ravos I

IP20

Class II

AC220-240V

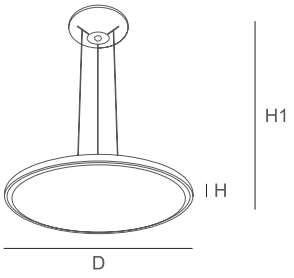
Suspended

Highly recyclable

50K Hours

Dimming Optional

Adjustable Heights



Product Features:

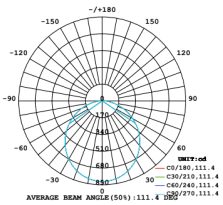
- ✓ Features stylish and contemporary designs that enhance the aesthetic appeal of any space.
- ✓ Utilizes LED technology for energy-efficient lighting, reducing power consumption while maintaining brightness.
- ✓ Equipped with adjustable suspension cables, allowing for customizable hanging heights to suit various room sizes and layout.
- ✓ Built with durable materials and advanced LED components, offering a long operational lifespan with minimal maintenance.
- ✓ Designed for straightforward installation, suitable for both residential and commercial settings.
- ✓ Ideal for use in dining rooms, kitchens, living areas, and other spaces where decorative and functional lighting is desired.

Product Specifications:

- ✓ Housing: Steel Base
- ✓ Diffuser: PMMA
- ✓ Outstanding Temp: 0~45°C
- ✓ Delivered Lumen Output: 100lm/W
- ✓ Color Render Index > 90
- ✓ Power Factor > 0.9

Model Selection

Model No.	Wattage	Lumen	Dimension (mm)DxHxH1
PDR1-024	24 W	2400 lm	Ø300x16x1200
PDR1-030	30 W	3000 lm	Ø400x16x1200
PDR1-040	40 W	4000 lm	Ø500x16x1200
PDR1-048	48 W	4800 lm	Ø600x16x1200
PDR1-072	72 W	7200 lm	Ø800x16x1200
PDR1-096	96 W	9600 lm	Ø1000x16x1200



Selectable Options

CCT	Beam Angle	Body Color
3000K	120°	White
4000K		Black
6500K		Nickel

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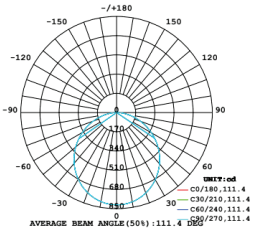
FRATER®
SPAIN SINCE 1999

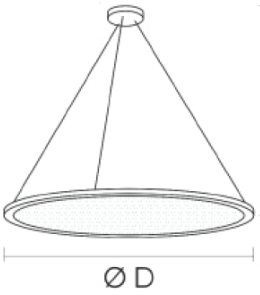
Pendant Light PD02

- IP20
- Class II
- AC220-240V
- Suspended
- Highly recyclable
- 50K Hours
- Dimming Options

Product Features:

- ✓ Features stylish and contemporary designs that enhance the aesthetic appeal of any space.
- ✓ Utilizes LED technology for energy-efficient lighting, reducing power consumption while maintaining brightness.
- ✓ Built with durable materials and advanced LED components, offering a long operational lifespan with minimal maintenance.
- ✓ Designed for straightforward installation, suitable for both residential and commercial settings.
- ✓ Ideal for use in dining rooms, kitchens, living areas, and other spaces where decorative and functional lighting is desired.





Product Specifications:

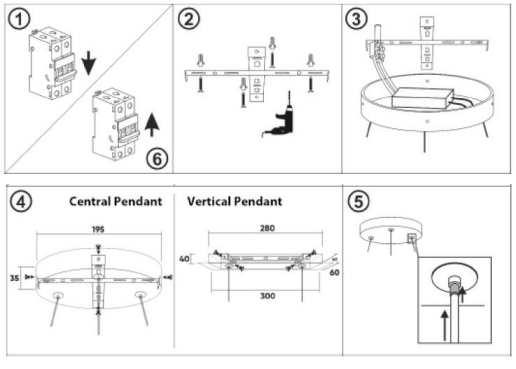
- ✓ Housing: Aluminum
- ✓ Diffuser: PC
- ✓ Outstanding Temp: 0~45°C
- ✓ Delivered Lumen Output: 75lm/W
- ✓ Color Render Index > 80
- ✓ Power Factor > 0.9

Model Selection

Model No.	Wattage	Lumen	Dimension (mm)DxH
PDR2-040	40 W	3000 W	⌀600x20

Selectable Options

CCT	Beam Angle	Body Color
3000K	120°	White
4000K		Black
6500K		



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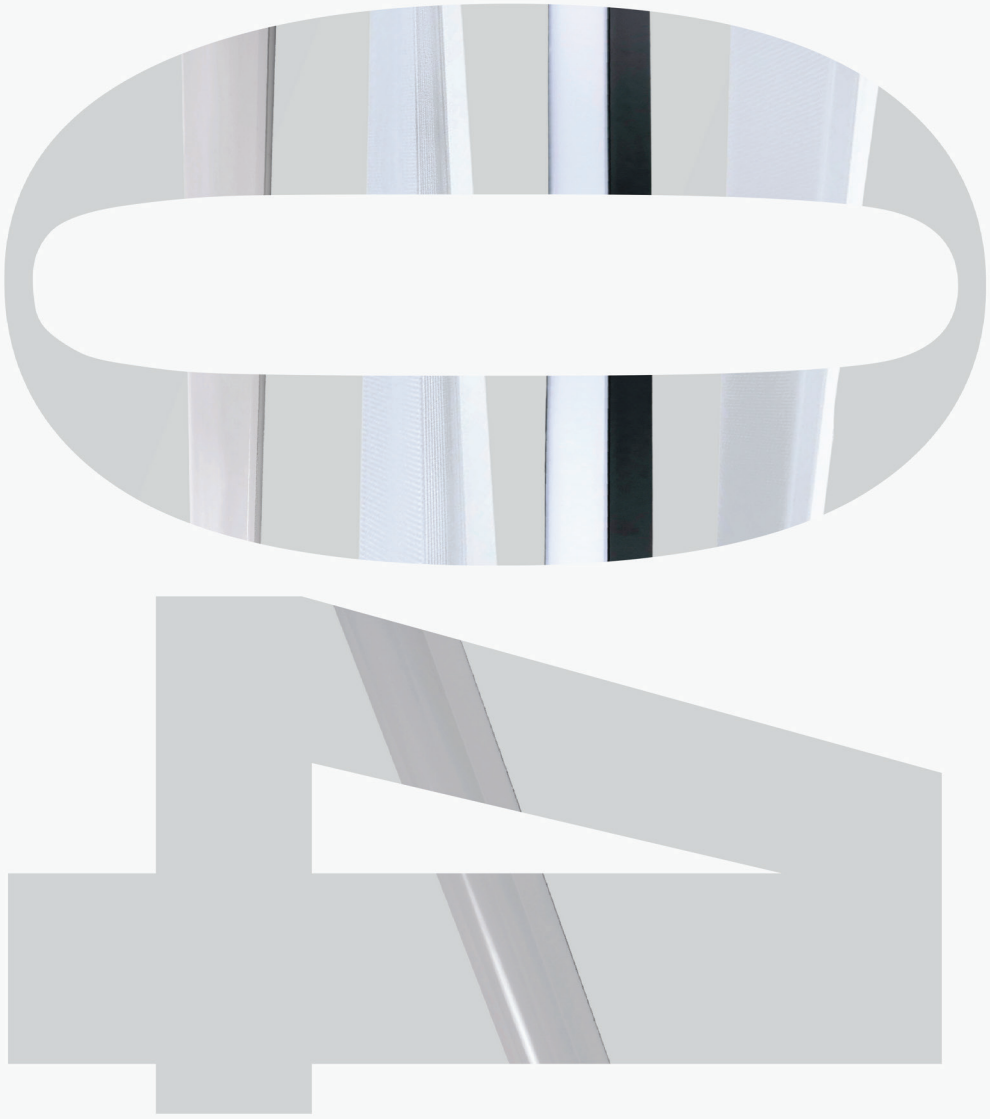


LINEAR & MIRROR LIGHT

FRATER®
SPAIN SINCE 1999

IEC60598 LM79 / LM80 COMPLIANCE | Glowing Wire Test - 850°C | SDCM <3 | CE COMPLIANCE | RoHS

Linear Light Line I

- IP20
- Class II
- AC220-240V
- Recessed Ceiling
- Highly recyclable
- 50K hours
- Dimming Options

Product Features:

- ✓ Available in various lengths and wattages to suit different lighting needs and applications.
- ✓ Delivers superior luminous efficacy-efficient illumination.
- ✓ Constructed with robust materials for long-lasting performance and reliability.
- ✓ Compatiable with a range of accessories, providing flexibility and adaptability for various installation and usage requirements.
- ✓ Extended Durability with a Lifespan of Up to 50,000 Hours L80.

Product Specifications:

- ✓ Housing: Extruded Aluminum
- ✓ Diffuser: PC Opal
- ✓ Outstanding Temp: 0~45°C
- ✓ Delivered Lumen Output: 100lm/W
- ✓ Color Render Index > 80
- ✓ Power Factor > 0.9

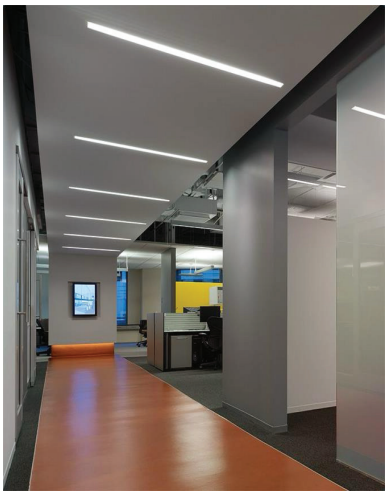
Model Selection

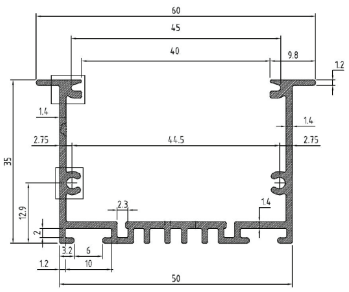
Model No.	Wattage	Lumen	Dimension (mm)LxWxH
LRL1-020	20 W	2000 lm	570x60x35
LRL1-040	40 W	4000 lm	1130x60x35
LRL1-050	50 W	5000 lm	1430x60x35

Note: Customized Wattage and Dimensions are available

Selectable Options

CCT	Beam Angle	Body Color
3000K	120°	White
4000K		Black
6500K		Silver





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FRATER®
SPAIN SINCE 1999

Linear Light Line II

IP20

Class II

AC220-240V

Surface Ceiling / Suspended

Highly recyclable

50K hours

Dimming Options

Product Features:

- ✓ Available in various lengths and wattages to suit different lighting needs and applications.
- ✓ Delivers superior luminous efficacy-efficient illumination.
- ✓ Constructed with robust materials for long-lasting performance and reliability.
- ✓ Compatiable with a range of accessories, providing flexibility and adaptability for various installation and usage requirements.
- ✓ Extended Durability with a Lifespan of Up to 50,000 Hours L80.

Product Specifications:

- ✓ Housing: Extruded Aluminum
- ✓ Diffuser: PC Opal
- ✓ Outstanding Temp: 0~45°C
- ✓ Delivered Lumen Output: 100lm/W
- ✓ Color Render Index > 80
- ✓ Power Factor > 0.9

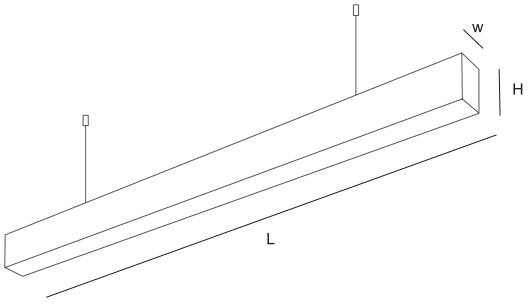
Model Selection

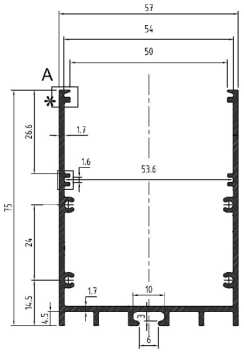
Model No.	Wattage	Lumen	Dimension (mm)LxWxH
LRL2-020	20 W	2000 lm	570x57x75
LRL2-040	40 W	4000 lm	1130x57x75
LRL2-050	50 W	5000 lm	1430x57x75

Note: Customized Wattage and Dimensions are available

Selectable Options

CCT	Beam Angle	Body Color
3000K	120°	White
4000K		Black
6500K		Silver





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FRATER®
SPAIN SINCE 1999

Linear Light Line V

- IP44 / IK08
- Class II
- AC220-240V
- Surface Mounted
- Highly recyclable
- 50K hours
- 5 Years Warranty

Product Features:

- ✓ Allow for adjustments of the color temperature to suit different environments and preferences, ranging from warm to cool light.
- ✓ Features multiple wattage options that can be easily selected to meet specific lighting requirements and enhance energy efficiency.
- ✓ Delivers high luminous efficacy, providing bright and efficient lighting while minimizing energy consumption.
- ✓ Comes with a suspension kit that supports both surface and suspended installation, offering flexibility in mounting options to suit various applications.
- ✓ Extended Durability with a Lifespan of Up to 50,000 hours L80.

Product Specifications:

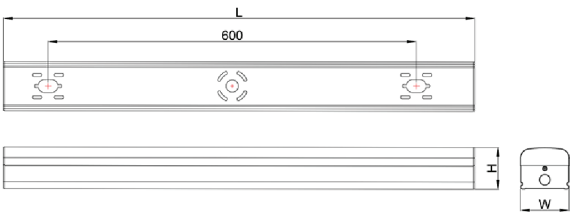
- ✓ Housing: Steel
- ✓ Diffuser: PC Opal
- ✓ UV Protection
- ✓ Ambient Temperature: -20~50°C
- ✓ Delivered Lumen output: 110lm/W
- ✓ Color Render Index > 80
- ✓ Power Factor > 0.9

Model Selection

Model No.	Wattage	Lumen	Dimension (mm)LxHxW
LRL5-040	40 W	4400 lm	1200x80x68

Selectable Options

CCT	Beam Angle	Body Color
☐ 6500K	120°	☐ White



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FRATER®
SPAIN SINCE 1999

IEC60598 LM79 / LM80 COMPLIANCE | Glowing Wire Test - 850°C | SDCM <3 | CE COMPLIANCE | RoHS

Linear Light LR34

- IP40
- Class II
- AC220-240V
- Surface Mounted
- Highly recyclable
- 50K hours
- Dimming Options

Product Features:

- ✓ Available in various lengths and wattages to suit different lighting needs and applications.
- ✓ Provides excellent light diffusion for uniform and low glare illumination.
- ✓ High-quality LED chips ensure bright, efficient lighting with high luminous efficacy.
- ✓ Constructed with robust materials for long-lasting performance and reliability.
- ✓ Extended Durability with a Lifespan of Up to 50,000 Hours L80.

Product Specifications:

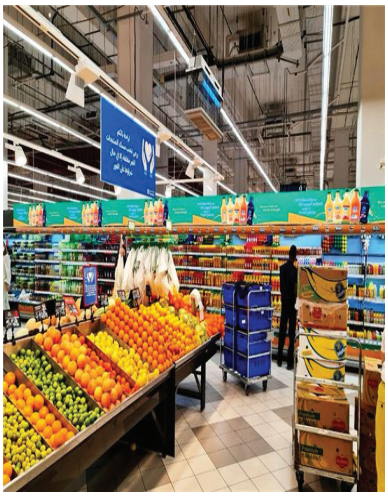
- ✓ Housing: CRCA Steel
- ✓ Diffuser: PMMA
- ✓ Outstanding Temp: 0~45°C
- ✓ Delivered Lumen Output: 130lm/W
- ✓ Color Render Index > 80
- ✓ Power Factor > 0.9

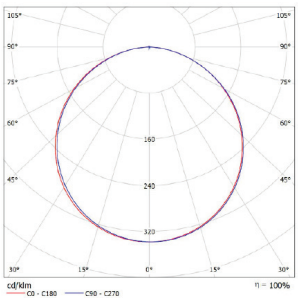
Model Selection

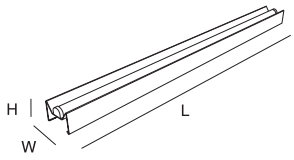
Model No.	Wattage	Lumen	Dimension (mm)LxWxH
LR34-026	26 W	3380 lm	1200x110x75
LR34-030	30 W	3900 lm	1200x110x75
LR34-036	36 W	4680 lm	1200x110x75
LR34-040	40 W	5200 lm	1200x110x75
LR34-045	45 W	5850 lm	1430x110x75
LR34-052	52 W	6760 lm	1430x110x75

Selectable Options

CCT	Beam Angle	Body Color
3000K	115°	White
4000K		Black
6500K		







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FRATER®
SPAIN SINCE 1999

Linear Light LR37

- IP20
- Class I
- AC220-240V
- Surface / suspended
- Highly recyclable
- 50k Hours Lifetime
- Dimming Optional DALI, Phase Cut & 1/0-10V

Product Features:

- ✓ LED lens delivering an impressive 170lm/W for superior brightness and energy efficiency.
- ✓ Robust aluminum construction ensures durability and efficient heat dissipation.
- ✓ Designed to provide bright, uniform illumination ideal for large spaces like hypermarkets.
- ✓ High luminous efficacy reduces energy consumption, lowering operational costs.
- ✓ Sleek design seamlessly integrates with modern retail environments.
- ✓ Extended Durability with a Lifespan of Up to 50,000 Hours L80.

Product Specifications:

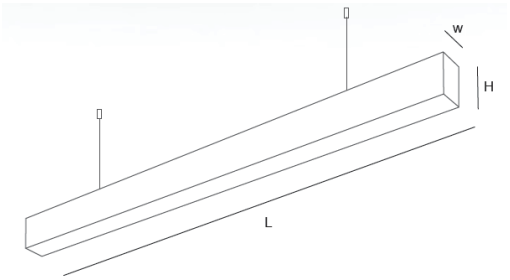
- ✓ Housing: Powder Coated CRCA Steel / Aluminum
- ✓ Diffuser : PMMA Lens
- ✓ Outstanding Temp : -20~+50˚C
- ✓ Delivered Lumen output: 170lm/W
- ✓ Color Render Index > 80
- ✓ Power Factor > 0.9

Model Selection

Model No.	Wattage	Lumen	Dimension (mm) LxWxH
LR37-032	32 W	5440 lm	1430x65x52
LR37-042	42 W	7140 lm	1430x65x52
LR37-050	50 W	8500 lm	1430x65x52
LR37-058	58 W	9860 lm	1430x65x52

Selectable Options

CCT	Beam Angle	Body Color	Housing Material
3000K	90˚	White	Powder Coated CRCA Steel
4000K	120˚	Black	Aluminum
6500K	Asymmetric		
	Double Asymmetric		



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FRATER®
SPAIN SINCE 1999

IEC60598 LM79 / LM80 COMPLIANCE | Glowing Wire Test - 850°C | SDCM <3 | CE COMPLIANCE | RoHS

Linear Light Shine

IP40

Class II

AC220-240V

Surface Mounted

Highly recyclable

30K / 50K hours optional

Product Features:

- ✓ Provides excellent light diffusion for uniform and low glare illumination.
- ✓ High-quality LED chips ensure bright, efficient lighting with high luminous efficacy.
- ✓ Flexible design allowing for the use of optional T8 tubes, catering to different lighting needs.
- ✓ Easy installation with surface mounting options, suitable for various applications.
- ✓ Sleek and contemporary design complements a variety of interior styles

Product Specifications:

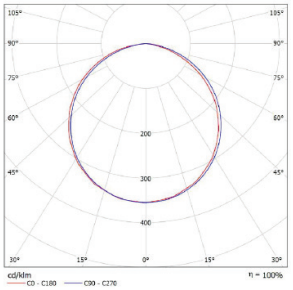
- ✓ Housing: Steel
- ✓ Diffuser: Opal Polycarbonate
- ✓ Outstanding Temp: 0~45°C
- ✓ Delivered Lumen Output: 100lm/W
- ✓ Color Render Index > 80
- ✓ Power Factor > 0.9

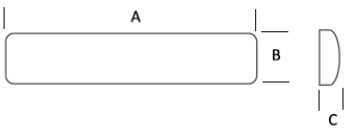
Model Selection

Model No.	Wattage	Lumen	Dimension (mm)LxWxH
LRSS-020	20 W	2000 lm	590x198x68
LRSS-038	38 W	3800 lm	1190x198x68
LRSS-052	52 W	5200 lm	1490x198x68

Selectable Options

CCT	Beam Angle	Body Color
4000K	120°	White
6500K		





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SPAIN SINCE 1999

IEC60598 LM79 / LM80 COMPLIANCE | Glowing Wire Test - 850°C | SDCM <3 | CE COMPLIANCE | RoHS COMPLIANT

Linear Light Surface I

- IP40
- Class II
- AC220-240V
- Surface Mounted
- Highly Recyclable
- 30K / 50K hours
- Optional T8 Tubes

Product Features:

- ✓ Provides excellent light diffusion for uniform and low glare illumination.
- ✓ High-quality LED chips ensure bright, efficient lighting with high luminous efficacy.
- ✓ Flexible design allowing for the use of optional T8 tubes, catering to different lighting needs.
- ✓ Easy installation with surface mounting options, suitable for various applications.
- ✓ Sleek and contemporary design complements a variety of interior styles

Product Specifications:

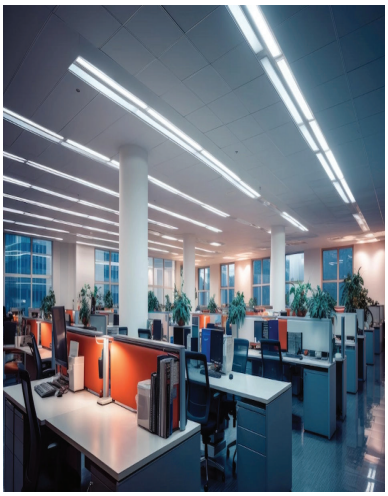
- ✓ Housing: CRCA Steel
- ✓ Diffuser: PMMA
- ✓ Ambient Temperature: 0~45°C
- ✓ Delivered Lumen output: 110lm/W
- ✓ Color Render Index > 80
- ✓ Power Factor > 0.9

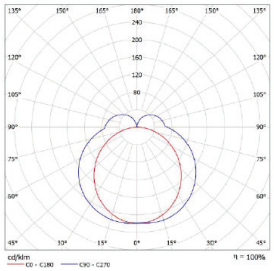
Model Selection

Model No.	Wattage	Lumen	Dimension (mm)LxWxH
LRS1-030	30 W	3300 lm	1258x102x88
LRS1-036	36 W	3900 lm	1558x102x88
LRS1-042	42 W	4600 lm	1258x102x88
LRS1-046	46 W	5000 lm	1558x102x88
LRS1-050	50 W	5500 lm	1258x102x88

Selectable Options

CCT	Beam Angle	Body Color
4000K	120°	White
5000K		
6500K		





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IEC60598 LM79 / LM80 COMPLIANCE | Glowing Wire Test - 850°C | SDCM <3 | CE COMPLIANCE | RoHS

Linear Light Surface II

IP40

Class II

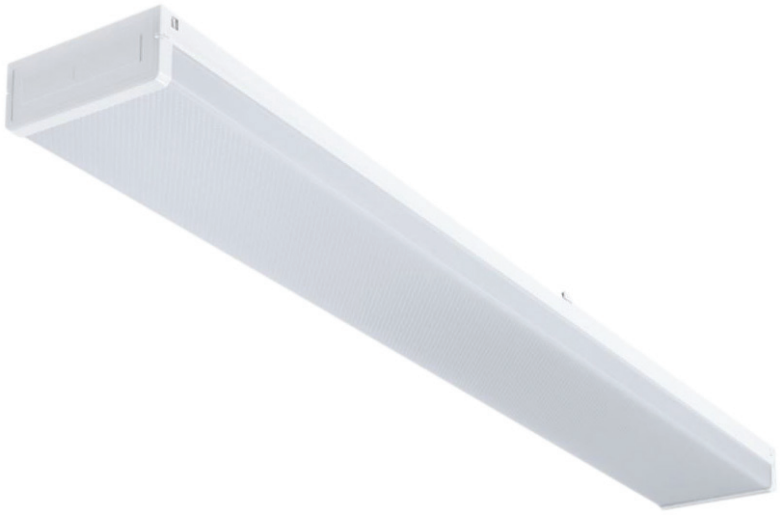
AC220-240V

Surface Mounted

Highly Recyclable

30K / 50K hours

Optional T8 Tubes



Product Features:

- ✓ Provides excellent light diffusion for uniform and low glare illumination.
- ✓ High-quality LED chips ensure bright, efficient lighting with high luminous efficacy.
- ✓ Flexible design allowing for the use of optional T8 tubes, catering to different lighting needs.
- ✓ Easy installation with surface mounting options, suitable for various applications.
- ✓ Sleek and contemporary design complements a variety of interior styles

Product Specifications:

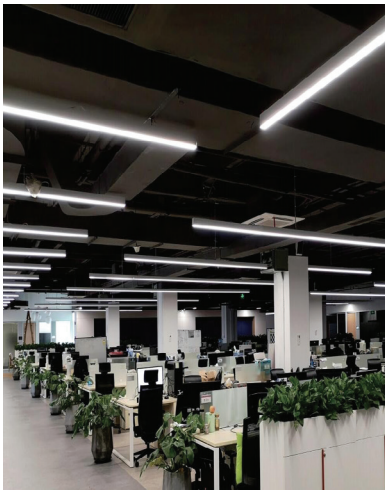
- ✓ Housing: CRCA Steel
- ✓ Diffuser: PMMA
- ✓ Ambient Temperature: 0~45°C
- ✓ Delivered Lumen output: 115lm/W
- ✓ Color Render Index > 80
- ✓ Power Factor > 0.9

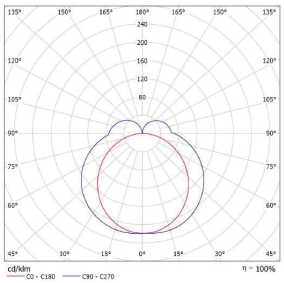
Model Selection

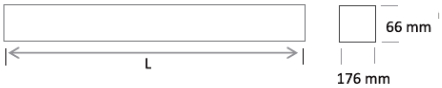
Model No.	Wattage	Lumen	Dimension (mm)LxWxH
LRS2-042	42 W	4800 lm	1258x176x66
LRS2-052	52 W	5900 lm	1258x176x66
LRS2-060	60 W	6900 lm	1258x176x66

Selectable Options

CCT	Beam Angle	Body Color
4000K	120°	White
5000K		
6500K		







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FRATER®
SPAIN SINCE 1999

Mirror Light MR25

IP44

Class II

AC220-240V 50Hz

Surface Mounted

Highly recyclable

50K hours lifetime

Product Features:

- ✓ ON/OFF switch makes easy operation
- ✓ Up to 50% energy saving
- ✓ Compliance to photobiological safety requirements
- ✓ No UV/IR light
- ✓ Eco-friendly, without mercury and any other hazardous substances
- ✓ Rated lifetime: 30,000 / 50,000 hours

Product Specifications:

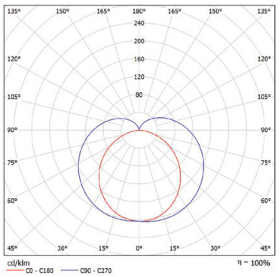
- ✓ Housing: Aluminum Heat Sink
- ✓ Diffuser: Polycarbonate Body
- ✓ Ambient Temperature: 0~45°C
- ✓ Delivered Lumen output: 80lm/W
- ✓ Color Render Index > 80
- ✓ Power Factor > 0.9

Model Selection

Model No.	Wattage	Lumen	Dimension (mm)LxHxW
MR25-015	15 W	1200 lm	600x52x69.5

Selectable Options

CCT	Beam Angle	Body Color
3000K	145°	White
4000K		
6500K		



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SPAIN SINCE 1999

IEC60598 LM79 / LM80 COMPLIANCE | Glowing Wire Test - 850°C | SDCM <3 | CE COMPLIANCE | RoHS

Mirror Light MR26

- IP44
- Class II
- AC220-240V 50Hz
- Surface Mounted
- Highly recyclable
- 50K hours lifetime
- Dimming Optional

Product Features:

- ✓ Equipped with shaver socket
- ✓ Up to 50% energy saving
- ✓ Compliance to photobiological safety requirements
- ✓ No UV/IR light
- ✓ Eco-friendly, without mercury and any other hazardous substances
- ✓ Rated lifetime: 50,000 hours

Product Specifications:

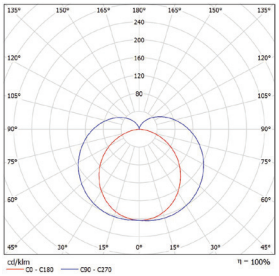
- ✓ Housing: Aluminum Heat Sink
- ✓ Diffuser: Polycarbonate
- ✓ Ambient Temperature: 0~45°C
- ✓ Delivered Lumen Output: 80lm/W
- ✓ Color Render Index > 80
- ✓ Power Factor > 0.9

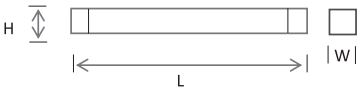
Model Selection

Model No.	Wattage	Lumen	Dimension (mm)LxHxW
MR26-015	15 W	1200 lm	682x59x66

Selectable Options

CCT	Beam Angle	Body Color
3000K	145°	White
4000K		
6500K		





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SPAIN SINCE 1999

Mirror Light Staros I

IP44

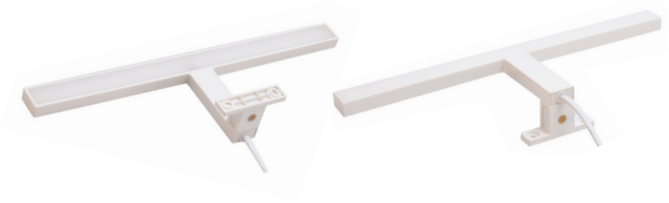
Class II

AC220-240V

Surface Mounted

Highly recyclable

30K / 50K hours optional



Product Features:

- ✓ Provides protection against water splashes making it suitable for bathroom and damp environments.
- ✓ Offers bright, efficient lighting, enhancing visibility and ambiance around mirrors.
- ✓ Utilizes LED technology to provide long-lasting, energy efficient illumination with reduced power consumption.
- ✓ Designed fot simple and quick installation, accommodating various mounting options.
- ✓ Ensures even light distribution, minimizing shadows and providing clear reflection.

Product Specifications:

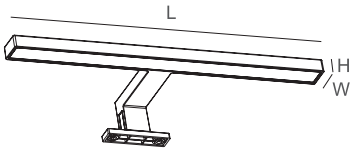
- ✓ Housing: Aluminum
- ✓ Diffuser: PC
- ✓ Outstanding Temp: 0~45°C
- ✓ Delivered Lumen Output: 90lm/W
- ✓ Color Render Index > 80
- ✓ Power Factor > 0.9

Model Selection

Model No.	Wattage	Lumen	Dimension (mm)LxWxH
MLS1-006	6 W	540 lm	300x111x44
MLS1-008	8 W	720 lm	500x111x44
MLS1-012	12 W	1080 lm	600x111x44
MLS1-015	15 W	1350 lm	900x111x44

Selectable Options

CCT	Beam Angle	Body Color
3000K	110°	White
4000K		Black
6500K		Silver



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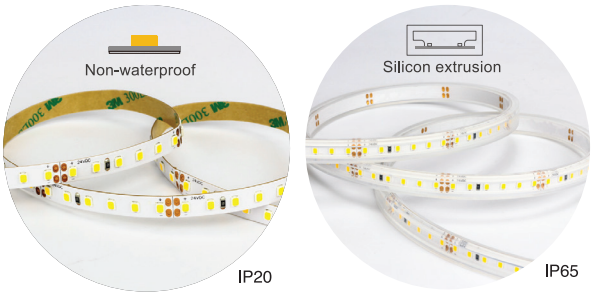
STRIP LIGHT & NEON FLEX

FRATER®
SPAIN SINCE 1999

Strip Light STSC

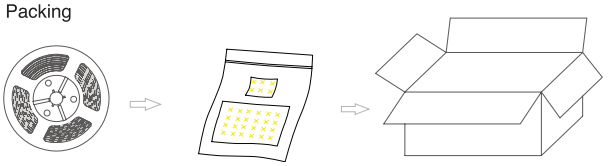
- IP20/IP65
- Class II
- DC24V
- Strip Light / Aluminum Profile
- Highly recyclable
- 50K hours optional



Product Features:

- ✓ Utilizes Surface Mounted Device (SMD) LED technology for efficient and uniform illumination.
- ✓ Offers high luminous efficacy, providing bright illumination while minimizing energy consumption.
- ✓ Excellent Linearity: Provides consistent and seamless lighting without glare, ensuring a visually appealing lighting experience.
- ✓ High Color Consistency: Maintains color uniformity across the entire length of the strip, enhancing the aesthetic appeal of illuminated spaces.
- ✓ Extended Durability with a Lifespan of Up to 50,000 Hours L80
- ✓ Widely used in hotels, shopping malls, furniture, cabinets, shelf, as decoration lighting, direct lighting or indirect lighting

Packing



Product Specifications:

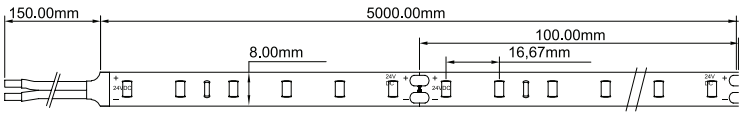
- ✓ Outstanding Temp: -20~45°C
- ✓ Delivered Lumen output: 130lm/W
- ✓ Color Render Index > 80
- ✓ Power Factor > 0.9
- ✓ 5 Meters Rolls

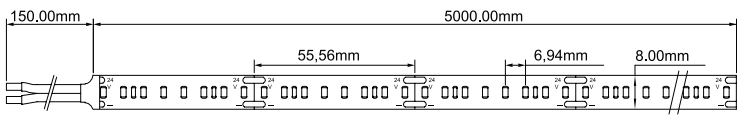
Model Selection

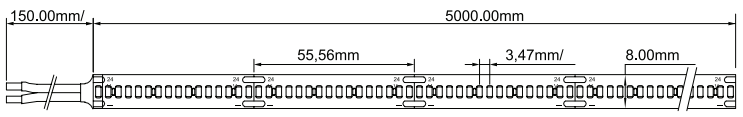
Model No.	Wattage Per Meter	Lumen Per Meter	LED Qty LEDs/M	Min Cut (mm)
STSC-004	4.8 W	624	144	55.56
STSC-007	7 W	910	144	55.56
STSC-009	9.6 W	1250	144	55.56
STSC-014	14.4 W	1900	288	55.56

Selectable Options

CCT	Beam Angle
3000K	140°
4000K	
6500K	







INSTALLATION REQUIREMENT

- ✓ The light strip and other accessories can not be pressed;
- ✓ Do not damage the conducting wire of the circuit board during installation;
- ✓ The installation of the light strip should be in accordance with the electrical safety standards.

Only professional personnel can install it;

- ✓ Ensure that the power supply is loaded by transformer conversion;
- ✓ When installed in contact with metal or conductor, insulation protection should be made at the contact place;
- ✓ Observe the polarity before installing, connect properly to the light strip;
- ✓ Please prevent static discharges when installing;
- ✓ Provide anti-corrosion environment for products, avoiding adverse factors such as wet water drops;

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FRATER®
SPAIN SINCE 1999

IEC60598 LM79 / LM80 COMPLIANCE | Glowing Wire Test - 850°C | SDCM <3 | CE COMPLIANCE | RoHS

Strip Light STCB

IP65

Class II

DC24V

Strip Light / Aluminum Profile

Highly recyclable

50k Hours Lifetime

Product Features:

- ✓ Smooth line technology introduces a fresh approach to lighting, departing from the conventional use of COB LED strips.
- ✓ SMD Smooth Line Silicone Extrusion Strip: Utilizes SMD technology within a smooth line silicone extrusion strip for uniform and soft illumination.
- ✓ Excellent Linearity: Provides consistent and seamless lighting without glare, ensuring a visually appealing lighting experience.
- ✓ High Color Consistency: Maintains color uniformity across the entire length of the strip, enhancing the aesthetic appeal of illuminated spaces.
- ✓ Extended Durability with a Lifespan of Up to 50,000 Hours L80.
- ✓ Widely used in hotels, shopping malls, furniture, cabinets, shelf, as decoration lighting, direct lighting or indirect lighting.

Product Specifications:

- ✓ Outstanding Working Temp: -20~45°C
- ✓ Delivered Lumen output: 110lm/W
- ✓ Color Render Index > 80
- ✓ Power Factor > 0.9
- ✓ 5 Meters Rolls
- ✓ Dimming Compatibility: PWM/0-10V/1-10V/DALI/DMX

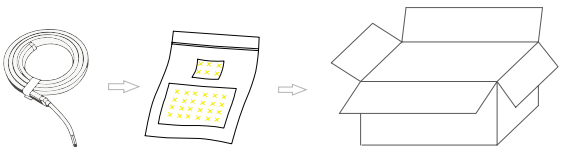
Model Selection

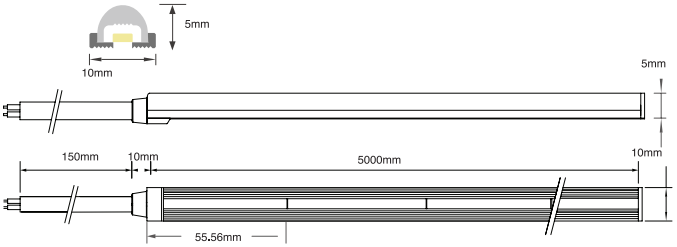
Model No.	Wattage W/M	Lumen lm/M	LED Qty LEDs/M	Min Cut mm
STCB-010	10 W	1100 lm	240	55.56
STCB-015	15 W	1650 lm	240	55.56

Selectable Options

CCT	Housing
3000K	Red
4000K	Green
6500K	Blue

Packing





ACCESSORIES

End cap with hole	End cap without hole	Plastic mounting clip	Mounting clip	Mounting clip(1M)	Connector	Connector	Connector
2pcs/5M	2pcs/5M	20pcs/5M	20pcs/5M	Optional	Optional	Optional	Optional

INSTALLATION REQUIREMENT:

- ✓ The LED strip and accessories can't be squeezed or folded.
- ✓ PCB conductive parts can't be damaged during installation.
- ✓ Installation must conform to electrical safety standard. The LED strip can only be installed by professionals.
- ✓ Ensure power supply transform operating load with transformer.
- ✓ When installing on metal or conductor surface, insulation protection need to be provided to the contact area.
- ✓ Observe positive and negative polarity, ensure correct connection to avoid damaging LED strip
- ✓ During installation, please prevent static electricity.
- ✓ The product need anti-corrosion environment, such as, avoiding damp, water drop or other adverse elements.

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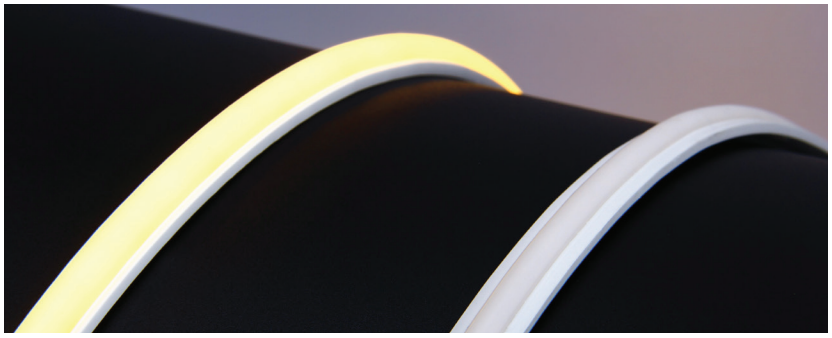
FRATER®
SPAIN SINCE 1999

IEC60598 LM79 / LM80 COMPLIANCE | Glowing Wire Test - 850°C | SDCM ≤3 | CE COMPLIANCE | RoHS

Neon Flex Top Bend



- IP67
- Class II
- DC24V
- Neon Flex / Aluminum Profile
- Highly recyclable
- 50k Hours Lifetime

Product Features:

- ✓ Smooth line technology introduces a fresh approach to lighting, departing from the conventional use of COB LED strips.
- ✓ SMD Smooth Line Silicone Extrusion Strip: Utilizes SMD technology within a smooth line silicone extrusion strip for uniform and soft illumination.
- ✓ Excellent Linearity: Provides consistent and seamless lighting without glare, ensuring a visually appealing lighting experience.
- ✓ High Color Consistency: Maintains color uniformity across the entire length of the strip, enhancing the aesthetic appeal of illuminated spaces.
- ✓ Extended Durability with a Lifespan of Up to 50,000 Hours L80.
- ✓ Widely used in hotels, shopping malls, furniture, cabinets, shelf, as decoration lighting, direct lighting or indirect lighting.

Product Specifications:

- ✓ Outstanding Working Temp: -20~45°C
- ✓ Deliverd Lumen output: 120lm/W
- ✓ Color Render Index > 80
- ✓ Power Factor > 0.9
- ✓ 5 Meters Rolls
- ✓ Dimming Compatibility: PWM/0-10V/1-10V/DALI/DMX

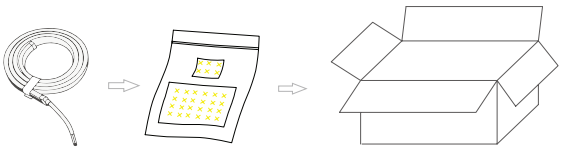
Model Selection

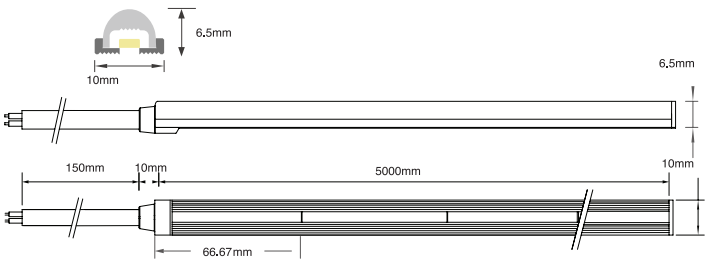
Model No.	Wattage W/M	Lumen lm/M	LED Qty LEDs/M	Min Cut mm
NFTB-015	15 W	1800 lm	240	66.67

Selectable Options

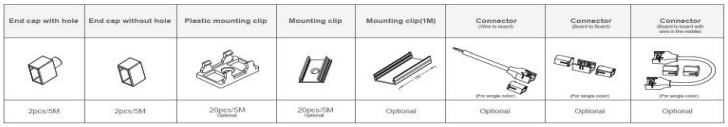
CCT	Housing
3000K	Red
4000K	Green
6500K	Blue

Packing





ACCESSORIES



INSTALLATION REQUIREMENT:

- ✓ The LED strip and accessories can't be squeezed or folded.
- ✓ PCB conductive parts can't be damaged during installation.
- ✓ Installation must conform to electrical safety standard. The LED strip can only be installed by professionals.
- ✓ Ensure power supply transform operating load with transformer.
- ✓ When installing on metal or conductor surface, insulation protection need to be provided to the contact area.
- ✓ Observe positive and negative polarity, ensure correct connection to avoid damaging LED strip
- ✓ During installation, please prevent static electricity.
- ✓ The product need anti-corrosion environment, such as, avoiding damp, water drop or other adverse elements.

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SPAIN SINCE 1999

IEC60598 LM79 / LM80 COMPLIANCE | Glowing Wire Test - 850°C | SDCM <3 | COMPLIANCE | RoHS

Neon Flex Side Bend

IP67

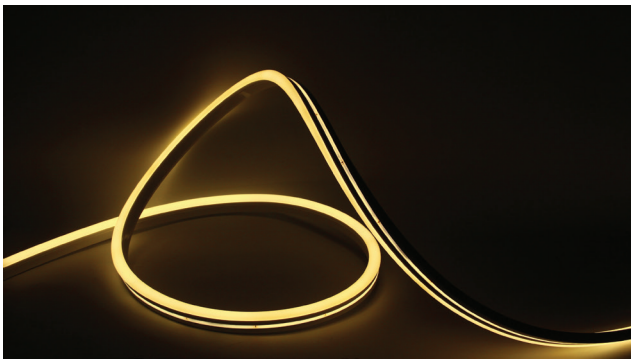
Class II

DC24V

Neon Flex / Aluminum Profile

Highly recyclable

50k Hours Lifetime

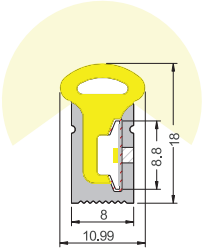


Product Features:

- ✓ Smooth line technology introduces a fresh approach to lighting, departing from the conventional use of COB LED strips.
- ✓ SMD Smooth Line Silicone Extrusion Strip: Utilizes SMD technology within a smooth line silicone extrusion strip for uniform and soft illumination.
- ✓ Excellent Linearity: Provides consistent and seamless lighting without glare, ensuring a visually appealing lighting experience.
- ✓ High Color Consistency: Maintains color uniformity across the entire length of the strip, enhancing the aesthetic appeal of illuminated spaces.
- ✓ Extended Durability with a Lifespan of Up to 50,000 Hours L80.
- ✓ Widely used in hotels, shopping malls, furniture, cabinets, shelf, as decoration lighting, direct lighting or indirect lighting.

Product Specifications:

- ✓ Outstanding Working Temp: -20~45°C
- ✓ Delivered Lumen output: 80lm/W
- ✓ Color Render Index > 80
- ✓ Power Factor > 0.9
- ✓ 5 Meters Rolls
- ✓ Dimming Compatibility: PWM/0-10V/1-10V/DALI/DMX



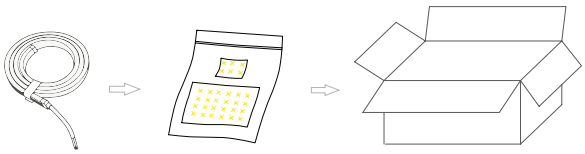
Model Selection

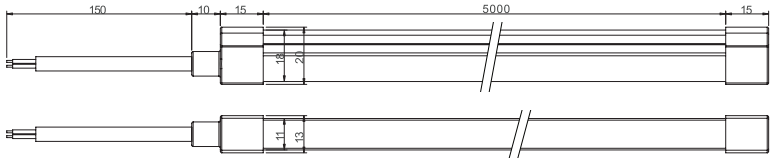
Model No.	Wattage W/M	Lumen lm/M	LED Qty LEDs/M	Min Cut mm
NFSB014	14 W	1120 lm	240	66.67

Selectable Options

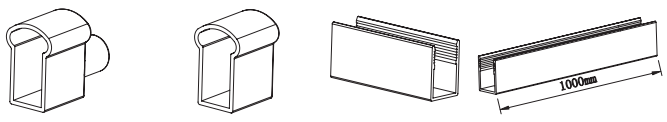
CCT	Housing
2700K	Red
4000K	Green
6500K	Blue

Packing





ACCESSORIES



End cap with hole 2pcs/5M

End cap without hole 2pcs/5M

Mounting Clip 20pcs/5M

Mounting Channel Optional

INSTALLATION REQUIREMENT:

- ✓ The LED strip and accessories can't be squeezed or folded.
- ✓ PCB conductive parts can't be damaged during installation.
- ✓ Installation must conform to electrical safety standard. The LED strip can only be installed by professionals.
- ✓ Ensure power supply transform operating load with transformer.
- ✓ When installing on metal or conductor surface, insulation protection need to be provided to the contact area.
- ✓ Observe positive and negative polarity, ensure correct connection to avoid damaging LED strip
- ✓ During installation, please prevent static electricity.
- ✓ The product need anti-corrosion environment, such as, avoiding damp, water drop or other adverse elements.

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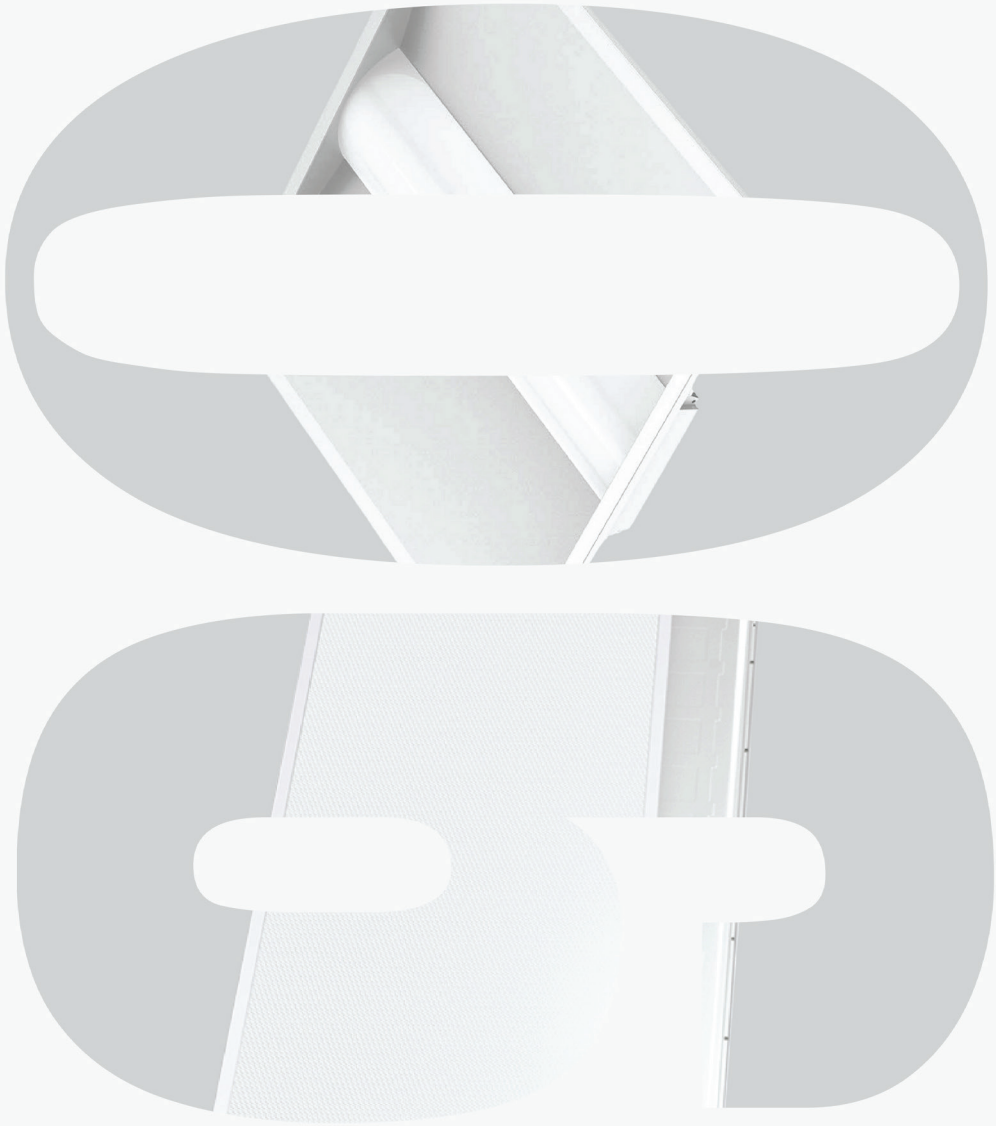


PANEL LIGHT & CLEAN ROOM

FRATER®
SPAIN SINCE 1999

LED Backlit Panel BP10

- IP40
- Class II
- AC220-240V
- Recessed Ceiling
- Highly Recyclable
- 50K hours lifetime
- Dimming Optional

Product Features:

- ✓ Sleek and Space-Saving Structure
- ✓ Highly energy-efficient compare to traditional lighting source
- ✓ Uniform illumination, no dark-spot
- ✓ Tunable wattage option
- ✓ Extended Durability with a Lifespan of Up to 50,000 Hours L80

Product Specifications:

- ✓ Housing: Powder coated CRCA steel sheet + Aluminum Frame
- ✓ Diffuser: PC Opal
- ✓ Ambient Temperature: 0~45°C
- ✓ Delivered Lumen output: 100lm/W
- ✓ Color Render Index > 80
- ✓ Power Factor > 0.9
- ✓ Mesh Guard Protection - Optional

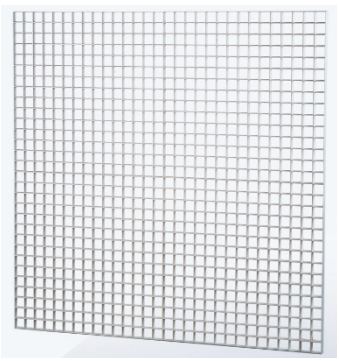
Model Selection

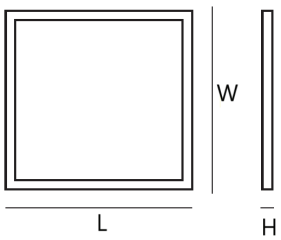
Model No.	Wattage	Lumen	Dimension (mm)LxWxH
BP10-048	36-40-48 W	Up to 4800 lm	595x595x26
BP10-048B	36-40-48 W	Up to 4800 lm	1195x295x26
BP10-048C	36-40-48 W	Up to 4800 lm	1195x595x26
BP10-060C	40-50-60 W	Up to 6000 lm	1195x595x26
BP10-024D	16-20-24 W	Up to 2400 lm	295x595x26

Selectable Options

CCT	Beam Angle	Body Color
3000K	110°	White
4000K		
6500K		

Optional: Mesh Guard Protection





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SPAIN SINCE 1999

LED Backlit Panel BP13 (IP65)

- IP65
- Class II
- AC220-240V
- Recessed Ceiling
- Highly Recyclable
- 50K hours lifetime
- Dimming Optional

Product Features:

- ✓ Sleek and Space-Saving Structure
- ✓ Highly energy-efficient compare to traditional lighting source
- ✓ Uniform illumination, no dark-spot
- ✓ Tunable wattage option
- ✓ Extended Durability with a Lifespan of Up to 50,000 Hours L80

Product Specifications:

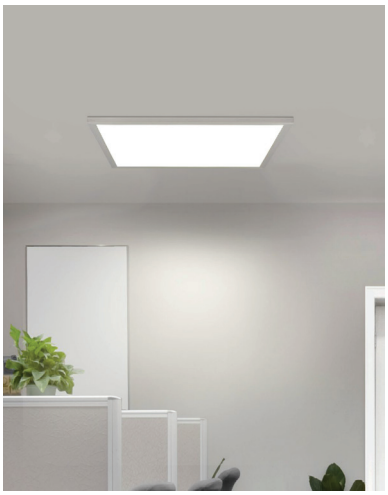
- ✓ Housing: Powder coated CRCA steel sheet + Aluminum Frame
- ✓ Diffuser: PC Opal
- ✓ Ambient Temperature: 0~45°C
- ✓ Delivered Lumen output: 100lm/W
- ✓ Color Render Index > 80
- ✓ Power Factor > 0.9
- ✓ Mesh Guard Protection - Optional

Model Selection

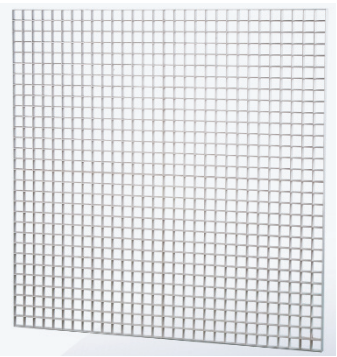
Model No.	Wattage	Lumen	Dimension (mm)LxWxH
BP13-048	36-40-48 W	Up to 4800 lm	595x595x26
BP13-048B	36-40-48 W	Up to 4800 lm	1195x295x26
BP13-048C	36-40-48 W	Up to 4800 lm	1195x595x26

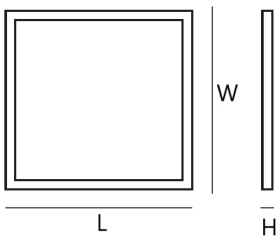
Selectable Options

CCT	Beam Angle	Body Color
3000K	110°	White
4000K		
6500K		



Optional: Mesh Guard Protection





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FRATER®
SPAIN SINCE 1999

LED Backlit Panel BP21 (IP54)

- IP54
- Class II
- AC220-240V
- Recessed Ceiling
- Highly Recyclable
- 50K hours lifetime
- Dimming Optional

Product Features:

- ✓ Sleek and Space-Saving Structure
- ✓ Highly energy-efficient compare to traditional lighting source
- ✓ Uniform illumination, no dark-spot
- ✓ Tunable wattage option
- ✓ Extended Durability with a Lifespan of Up to 50,000 Hours L80

Product Specifications:

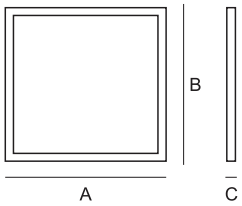
- ✓ Housing: Powder coated CRCA steel sheet + Aluminum Frame
- ✓ Diffuser: PC Opal
- ✓ Ambient Temperature: 0~45°C
- ✓ Delivered Lumen output: 100lm/W
- ✓ Color Render Index > 80
- ✓ Power Factor > 0.9
- ✓ Mesh Guard Protection - Optional

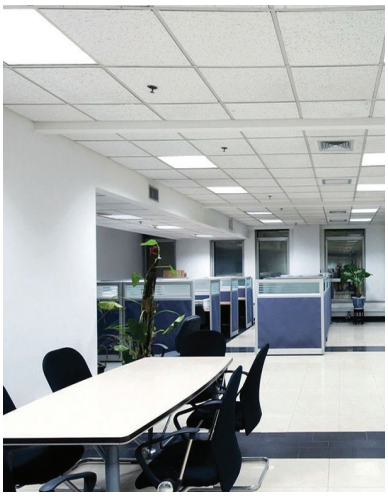
Model Selection

Model No.	Wattage	Lumen	Dimension (mm)AxBxC
BP21-048	36-40-48 W	Up to 4800 lm	595x595x26
BP21-048B	36-40-48 W	Up to 4800 lm	1195x295x26
BP21-060C	40-50-60 W	Up to 6000 lm	1195x595x26

Selectable Options

CCT	Beam Angle	Body Color
3000K	160°	White
4000K		
6500K		





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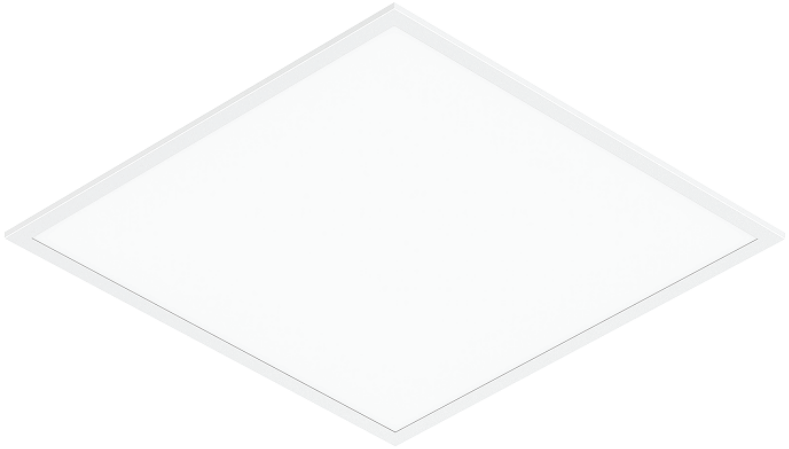
SPAIN SINCE 1999

IEC60598 LM79 / LM80 COMPLIANCE | Glowing Wire Test - 850°C | SDCM <3 | CE COMPLIANCE | RoHS

LED Backlit Panel BP66



- IP44
- Class II
- AC220-240V
- Recessed Ceiling
- Highly Recyclable
- 50K hours
- Dimming Optional

Product Features:

- ✓ Sleek and Space-Saving Structure
- ✓ Highly energy-efficient energy up to 160lm/W
- ✓ Uniform illumination, no dark-spot compliance to photobiological safety requirements
- ✓ Extended Durability with a Lifespan of Up to 50,000 Hours L80

Product Specifications:

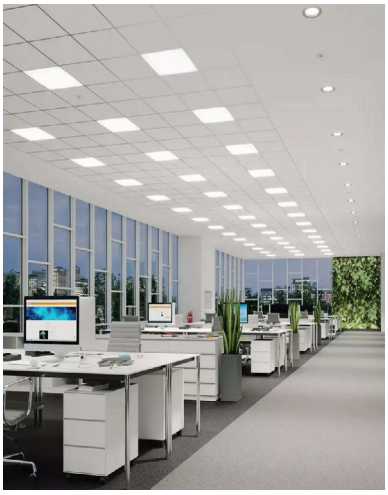
- ✓ Housing: Powder Coated CRCA Steel Sheet + Aluminum Frame
- ✓ Diffuser: PC Prismatic
- ✓ Ambient Temperature: -20~45°C
- ✓ Delivered Lumen output: 160lm/W
- ✓ Color Render Index > 80
- ✓ Power Factor > 0.9

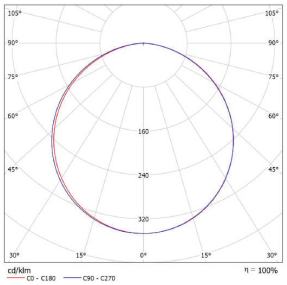
Model Selection

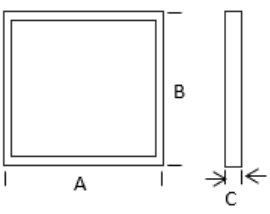
Model No.	Wattage	Lumen	Dimension (mm)AxBxC
BP66-025	25 W	4000 lm	595x595x26
BP66-036	36 W	5760 lm	595x595x26
BP66-040	40 W	6400 lm	595x595x26

Selectable Options

CCT	Beam Angle	Body Color
3000K	110°	White
4000K		
6500K		







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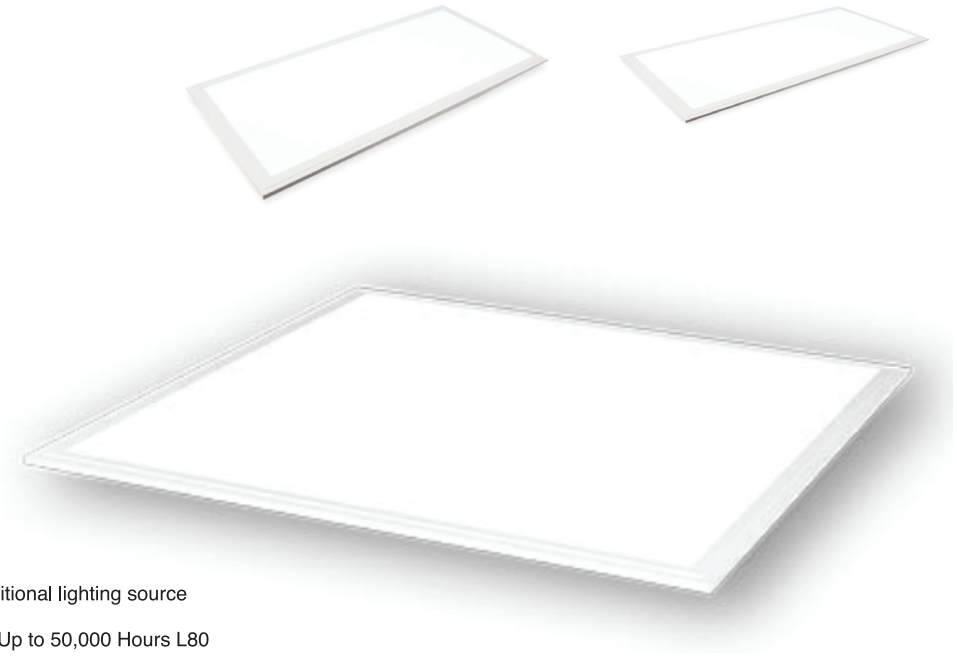
SPAIN SINCE 1999

Edgelit Panel EP22 Series

- IP40
- Class II
- AC220-240V
- Recessed Ceiling
- Highly Recyclable
- 50K hours
- Dimming Optional



Product Features:

- ✓ Sleek and Space-Saving Structure
- ✓ Highly energy-efficient compare to traditional lighting source
- ✓ Uniform illumination, no dark-spot
- ✓ Extended Durability with a Lifespan of Up to 50,000 Hours L80

Product Specifications:

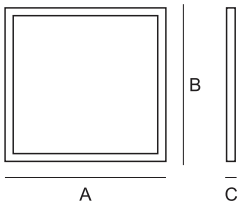
- ✓ Housing: Aluminum Frame
- ✓ Diffuser: LGP & Opal Diffuser
- ✓ Ambient Temperature: 0~45°C
- ✓ Delivered Lumen output: 100lm/W
- ✓ Color Render Index > 80
- ✓ Power Factor > 0.9

Model Selection

Model No.	Wattage	Lumen	Dimension (mm)AxBxC
EP22-036	36 W	3600 lm	595x595x10
EP22-040	40 W	4000 lm	595x595x10
EP22-036B	36 W	3600 lm	1195x295x10
EP22-040B	40 W	4000 lm	1195x295x10
EP22-040C	40 W	4000 lm	1195x595x10
EP22-050C	50 W	5000 lm	1195x595x10
EP22-060C	60 W	4000 lm	1195x595x10

Selectable Options

CCT	Beam Angle	Body Color
3000K	110°	White
4000K		
6500K		



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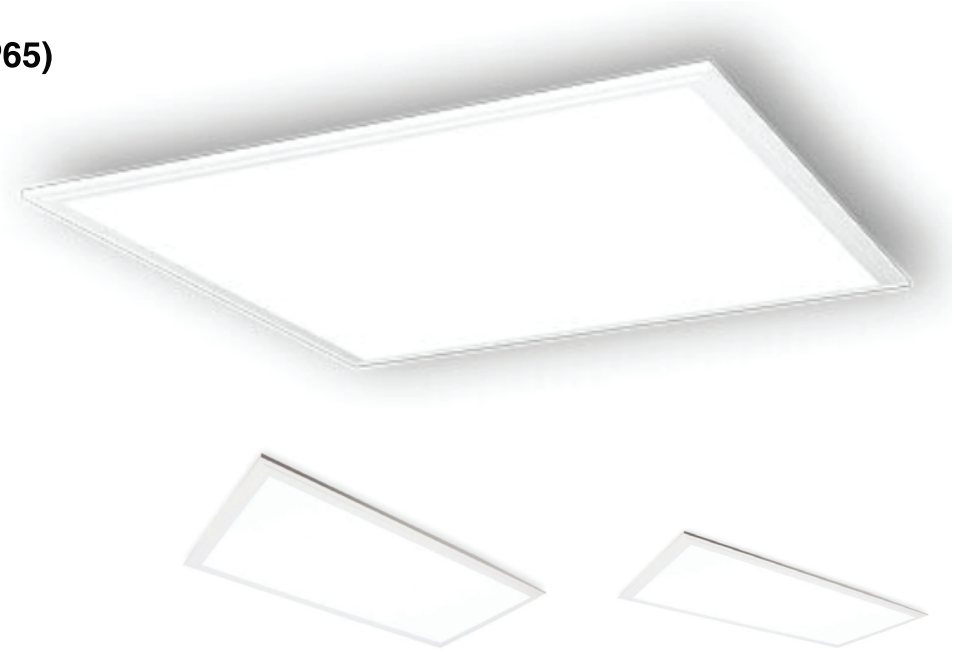
FRATER®
SPAIN SINCE 1999

Edgelit Panel EP13 Series (IP65)



- IP65
- Class II
- AC220-240V
- Recessed Ceiling
- Highly Recyclable
- 50K hours
- Dimming Optional

Product Features:

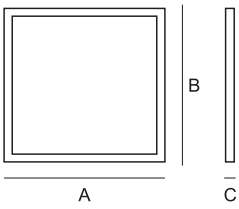
- ✓ Sleek and Space-Saving Structure
- ✓ Highly energy-efficient compare to traditional lighting source
- ✓ Uniform illumination, no dark-spot
- ✓ Extended Durability with a Lifespan of Up to 50,000 Hours L80

Product Specifications:

- ✓ Housing: Aluminum Frame
- ✓ Diffuser: LGP & Opal Diffuser
- ✓ Ambient Temperature: 0~45°C
- ✓ Delivered Lumen output: 100lm/W
- ✓ Color Render Index > 80
- ✓ Power Factor > 0.9

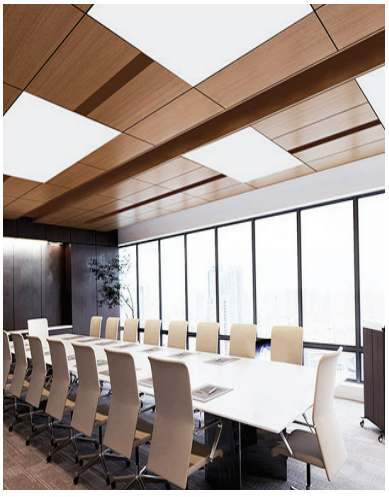
Model Selection

Model No.	Wattage	Lumen	Dimension (mm)AxBxC
EP13-036	36 W	3600 lm	595x595x10
EP13-040	40 W	4000 lm	595x595x10
EP13-036B	36 W	3600 lm	1195x295x10
EP13-040B	40 W	4000 lm	1195x295x10
EP13-040C	40 W	4000 lm	1195x595x10
EP13-050C	50 W	5000 lm	1195x595x10
EP13-060C	60 W	4000 lm	1195x595x10



Selectable Options

CCT	Beam Angle	Body Color
3000K	110°	White
4000K		
6500K		



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SPAIN SINCE 1999

Troffer Light Smooth

IP40

Class II

AC220-240V 50/60Hz

Recessed Ceiling

Highly recyclable

50K hours lifetime

Dimming Optional

Product Features:

- ✓ Uniform light distribution and anti-glare
- ✓ Slim panel appearance form front view
- ✓ High energy efficient
- ✓ Compliance to photobiological safety requirements
- ✓ Rated lifetime: 50,000 Hours

Product Specifications:

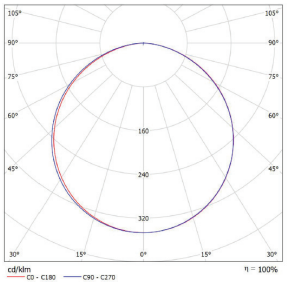
- ✓ Housing: Steel
- ✓ Diffuser: PC diffuser
- ✓ Ambient Temperature: 0~45°C
- ✓ Delivered Lumen output: 85lm/W
- ✓ Color Render Index > 80
- ✓ Power Factor > 0.9

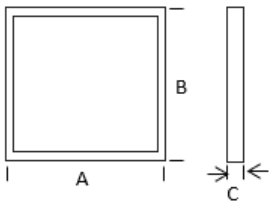
Model Selection

Model No.	Wattage	Lumen	Dimension (mm) AxBxC
TLSS-040	40 W	3400 lm	598x598x68

Selectable Options

CCT	Beam Angle	Body Color
4000K	120°	White
6500K		





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FRATER®
SPAIN SINCE 1999

IEC60598 LM79 / LM80 COMPLIANCE | Glowing Wire Test - 850°C | SDCM <3 | CE COMPLIANCE | RoHS

Clean Room Light CRP1

- IP65
- Dust Proof
- Class I
- AC220-240V
- Recessed Luminaire
- Accessible from Down
- 50K hours lifetime

Product Features:

- ✓ Lights are sealed with special materials,diffuser is made from Polycarbonate,PMMA prismatic , seamless,it can be dustproof and IP65.
- ✓ High thickness quality steel , rust and oil removed, under anti-rust treated and rust proof for 8-10 years under normal application, with white powder coating.
- ✓ Moderate illumination intensity, uniform illumination, reduce visual errors, can prevent visual fatigue, and effectively prevent the effect of irradiation and poor visual blind
- ✓ Equipped with SMD2835 or T5 LED Tubes as option.
- ✓ The lamp panel can be equipped with emergency devices and batteries to ensure continuous operation for 3 hours in the case of power failure.
- ✓ Light is suitable for front open for maintenance.
- ✓ Easy recessed mounted installation to all kinds of ceiling
- ✓ Extended Durability with a Lifespan of Up to 50,000 hours L80.
- ✓ Application: Hospital, Laboratory, Pharmaceutical factory, Food factory ,Decontamination chamber.

Product Specifications:

- ✓ Housing: High Thickness quality steel with Powder Coating
- ✓ Diffuser: PMMA and Tempered Glass
- ✓ Outstanding Working Temp: 0-50 C
- ✓ Delivered Lumen output: 105lm/W
- ✓ Color Render Index > 80

Model Selection

Model No.	Wattage	Lumen	Dimension (mm)WxLxD
CRP1-036	36 W	3780 lm	595x595x100
CRP1-040	40 W	4200 lm	595x595x100
CRP1-050	50 W	5250 lm	1195x295x100
CRP1-060	60 W	6400 lm	1195x295x100

* 40W is available also in 1195x295x100mm Size

Selectable Options

CCT	Beam Angle
3000K	160°
4000K	
6500K	

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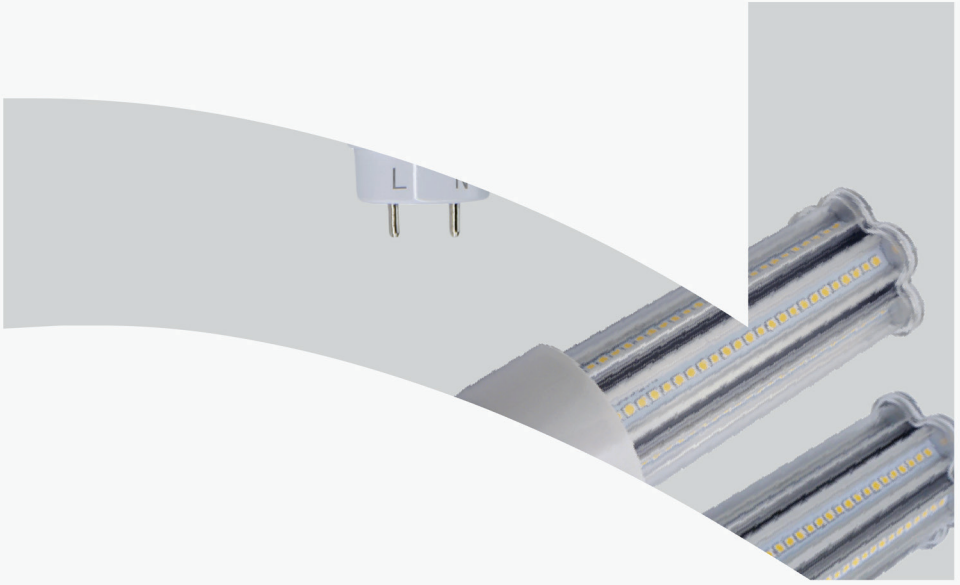
LAMPS & TUBES



FRATER®
SPAIN SINCE 1999

LED Tube T8 GL PLUS

- IP20
- Class II
- AC220-240 50Hz
- Highly recyclable
- 50K hours lifetime

Product Features:

- ✓ Double ends input design
- ✓ Glass body and ABS end Cap
- ✓ Wide beam angle: 210°
- ✓ High luminous efficacy: 170 lm/W
- ✓ Eco-friendly, without mercury and hazardous substances

Product Specifications:

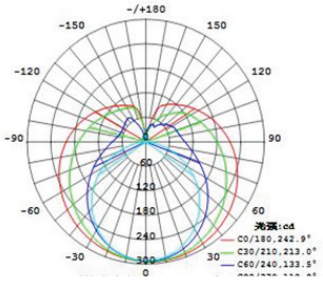
- ✓ Housing: Aluminum
- ✓ Diffuser: Glass
- ✓ Ambient Temperature: -20~50°C
- ✓ Delivered Lumen output: 170lm/W
- ✓ Power Factor: > 0.9
- ✓ Color Render Index > 80
- ✓ Lamp Base: T8

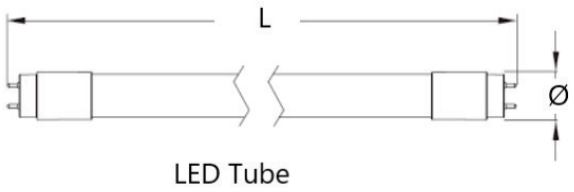
Model Selection

Model No.	Wattage	Lumen	Dimension (mm)ØxL
T8GL-007	7 W	1190 lm	28x604
T8GL-011	11 W	1870 lm	28x1213
T8GL-018	18 W	3060 lm	28x1213
T8GL-020	20 W	3400 lm	28x1512

Selectable Options

CCT	Beam Angle	Body Color
3000K	330°	White
4000K		
6500K		





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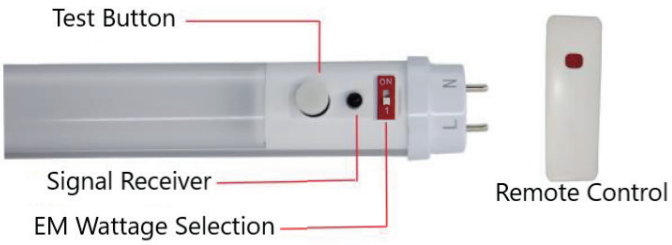
SPAIN SINCE 1999

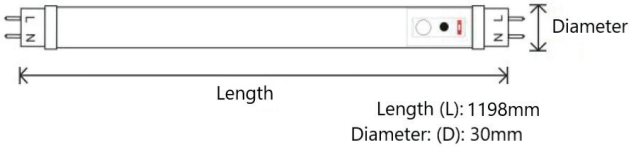
LED Emergency Tube T8E1

- IP20
- Class II
- AC220-240V
- T8 Lamp Holder Installation
- Highly recyclable
- 30K hours



Product Features:

- ✓ Sleek and Space-Saving Structure, Easy Installation.
- ✓ Advanced Heat-Sink Technology for superior Heat Management
- ✓ Extended Durability with a Lifespan of Up to 30,000 Hours L80
- ✓ Internal Lithium Battery
- ✓ Test Butten and Battery Indicator
- ✓ High Brightness in Emergency Mode



Length (L): 1198mm
Diameter: (D): 30mm

Product Specifications:

- ✓ Housing: Aluminum
- ✓ Diffuser : PC Opal
- ✓ Outstanding Temp: -0~45°C
- ✓ Delivered Lumen Output: 120lm/W
- ✓ Color Render Index > 80

Model Selection

Model No.	Wattage	Lumen	Dimension (mm)DxL
T8E1-018	18 W	2160 lm	30x1198

Selectable Options

CCT	Emergency Wattage	Emergency Backup	Beam Angle
☐ 3000K	3 W	1.5 Hours	120°
☐ 4000K	5 W	3 Hours	
☐ 6500K			

Tube Function Details:

✓ **Test Button:**
When power supply connected to tube and its battery fully chagred, turn off power switch, tube will switch off automatecally.
Push test button, tube will light-up. It means, its working properly.

✓ **Signal Receiver:**
Once tube installed, Remote controll can be used to test tube working condition.
Remote is available with addidtional cost.

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LED Tube T5

IP20

Class II

AC220-240 50Hz

Highly recyclable

50K hours lifetime

Product Features:

- ✓ Double ends input design
- ✓ Aluminum body and opal PC diffuser
- ✓ Wide beam angle: 140°
- ✓ High luminous efficacy: 160 lm/W
- ✓ Eco-friendly, without mercury and hazardous substances

Product Specifications:

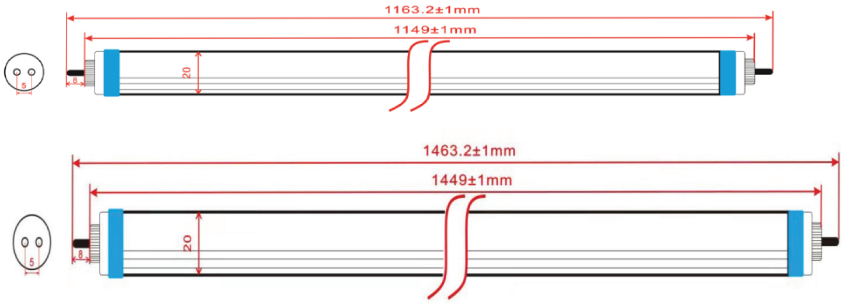
- ✓ Housing: Aluminum
- ✓ Diffuser: Polycarbonate Opal
- ✓ Ambient Temperature: 0~45°C
- ✓ Delivered Lumen output: 160lm/W
- ✓ Power Factor: > 0.9
- ✓ Color Render Index > 80
- ✓ Installation: T5

Model Selection

Model No.	Wattage	Lumen	Dimension (mm)ØxL
FPT5-018	18 W	2880 lm	20x1163
FPT5-026	26 W	4160 lm	20x1463

Selectable Options

CCT	Beam Angle	Body Color
☐ 4000K ☐ 6500K	140°	☐ White



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SPAIN SINCE 1999

IEC60598 LM79 / LM80 COMPLIANCE | Glowing Wire Test - 850°C | SDCM <3 | CE COMPLIANCE | RoHS

LED LAMP LP01

IP40

Class II

AC220-240 50/60Hz

Highly recyclable

50K hours lifetime

Product Features:

- ✓ Uniform and soft lighting
- ✓ Compliance to photobiological safety requirements
- ✓ No UV/IR light
- ✓ Modern design
- ✓ Professional optical design for uniform light distribution
- ✓ Rated lifetime: 50,000 hours
- ✓ Dimmable: No

Product Specifications:

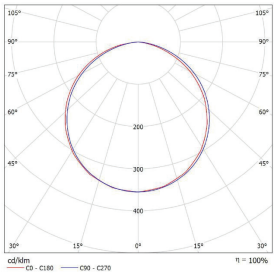
- ✓ Housing: Aluminum Frame
- ✓ Diffuser: PC
- ✓ Ambient Temperature: 0~45°C
- ✓ Delivered Lumen output: 90lm/W
- ✓ Power Factor: > 0.9
- ✓ Color Render Index > 80
- ✓ Lamp Base: E27

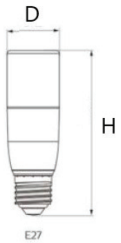
Model Selection

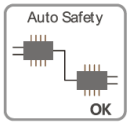
Model No.	Wattage	Lumen	lm	Dimension (mm)DxH
LP01-008	8 W	720 lm	90	Ø40x128
LP01-010	10 W	900 lm	90	Ø40x176
LP01-012	12 W	1080 lm	90	Ø40x176

Selectable Options

CCT	Beam Angle	Body Color
3000K	360°	White
4000K		
6500K		

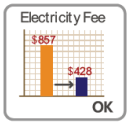






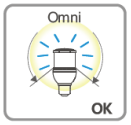
Safety Protection Circuit

No Mercury
No UVLight



Big Saving(87%)
on Electricity Costs

Usable in Enclosed
Luminaires



Omni Wide Angle

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LED LAMP LP02

IP65

Class II

AC120-260 50/60Hz

Highly recyclable

50K hours lifetime

Product Features:

- ✓ Uniform and soft lighting
- ✓ Compliance to photobiological safety requirements
- ✓ No UV/IR light
- ✓ Modern design
- ✓ Professional optical design for uniform light distribution
- ✓ Rated lifetime: 50,000 hours
- ✓ Dimmable: No

Product Specifications:

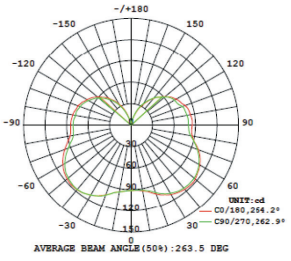
- ✓ Housing: Aluminum Frame
- ✓ Diffuser: PC
- ✓ Ambient Temperature: 0~60°C
- ✓ Delivered Lumen output: 90lm/W
- ✓ Power Factor: > 0.9
- ✓ Color Render Index > 80
- ✓ Lamp Base: E27

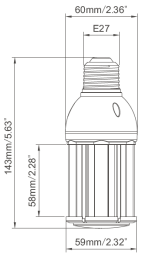
Model Selection

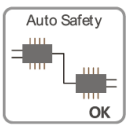
Model No.	Wattage	Lumen	lm	Dimension (mm)DxH
LP02-010	10 W	1300 lm	130	Ø60x143

Selectable Options

CCT	Beam Angle	Body Color
3000K	260°	White
4000K		
6500K		

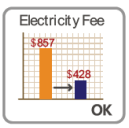






Safety Protection Circuit

No Mercury
No UVLight



Big Saving(87%)
on Electricity Costs

Usable in Enclosed
Luminaires

Omni Wide Angle

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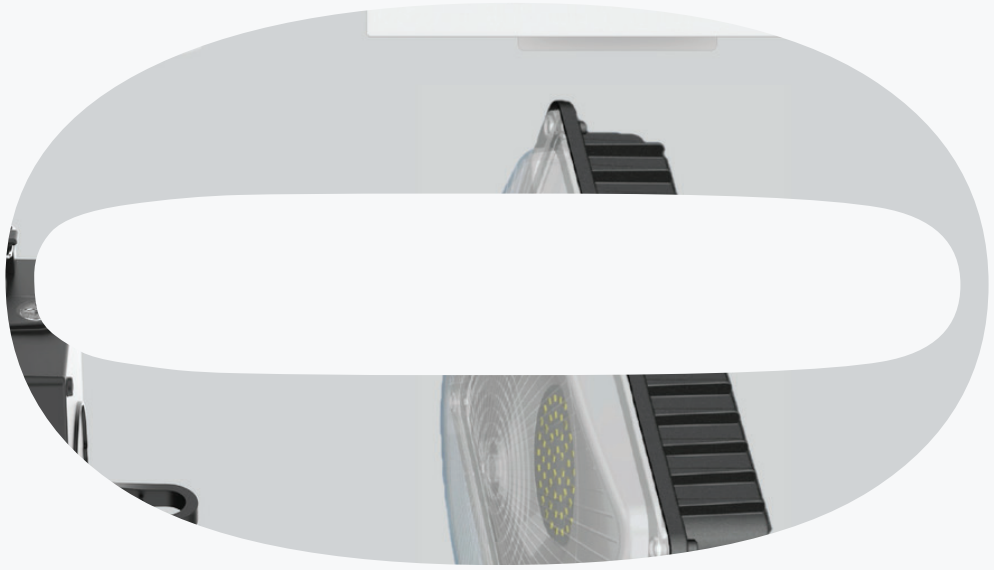


CANOPY LIGHT

FRATER®
SPAIN SINCE 1999

IEC60598 LM79 / LM80 COMPLIANCE | Glowing Wire Test - 850°C | SDCM <3 | CE COMPLIANCE | RoHS

Canopy Light Canopus

- IP66 / IK10
- Class I
- AC220-240V
- Recessed Ceiling
- Highly recyclable
- 30K / 50K hours optional
- Dimming Options
- Tunable CCT
- Selectable Wattages

Product Features:

- ✓ The product design ensures protection against water and dust ingress, making it suitable for outdoor and indoor use in various weather conditions.
- ✓ Built with sturdy materials to withstand rugged environments, ensuring long-lasting performance and reliability.
- ✓ Ideal for lighting up parking lots, hangars, warehouses, and other similar areas, providing enhanced visibility and safety.
- ✓ Utilizes energy-efficient LED technology to minimize power consumption and reduce operating costs without compromising to brightness or quality of light.
- ✓ Extended Durability with a Lifespan of Up to 50,000 Hours L80.

Product Specifications:

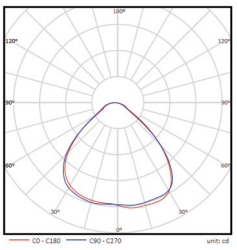
- ✓ Housing: Aluminum Frame
- ✓ Diffuser: PC lens
- ✓ Outstanding Temp: -10~50°C
- ✓ Delivered Lumen Output: 130lm/W
- ✓ Color Render Index > 80
- ✓ Power Factor > 0.9

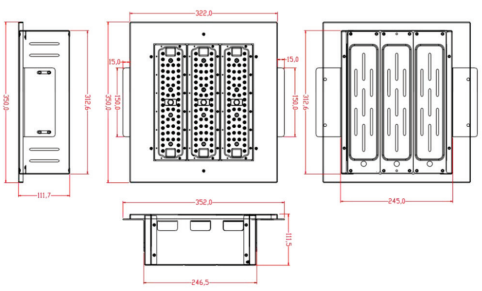
Model Selection

Model No.	Wattage	Lumen	Dimension (mm)LxWxH
CLCS-100	60/80/100 W	Up to 14000 lm	350x322x112

Selectable Options

CCT	Beam Angle	Body Color
4000K	90°	White
6500K		





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SPAIN SINCE 1999

Canopy Light CP02

IP65 / IK08

Class I

AC220-240V

Surface Mounted Luminaire

Highly recyclable

50k Hours Lifetime

Dimming Options

Product Features:

- ✓ The product design ensures protection against water and dust ingress, making it suitable for outdoor and indoor use in various weather conditions.
- ✓ Built with sturdy materials to withstand rugged environments, ensuring long-lasting performance and reliability.
- ✓ Ideal for lighting up parking lots,hangars, warehouses, and other similar areas, providing enhanced visbility and safety.
- ✓ Utilizes energy-efficient LED technology to minimize power consumption and reduce operating costs without compromising on brightness or quality of light.
- ✓ Extended Durability with a Lifespan of Up to 50,000 Hours L80.

Product Specifications:

- ✓ Housing: Aluminum Frame
- ✓ Diffuser: Polycarbonate Lens
- ✓ Outstanding Working Temp: -10~50°C
- ✓ Delivered Lumen Output: 140lm/W
- ✓ Color Render Index > 70/80

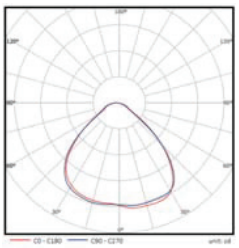
Model Selection

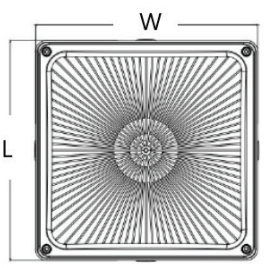
Model No.	Wattage	Lumen	Dimension (mm)DxHxW
CP02-040	40 W	5600 lm	243X243X85
CP02-060	60 W	8400 lm	243X243X85
CP02-080	80 W	11200 lm	243X243X85
CP02-100	100 W	14000 lm	243X243X85

* Available in 600mm, 800mm & 1000mm Heights

Selectable Options

CCT	Beam Angle	Housing
3000K	160°	Black
4000K		Grey
6500K		





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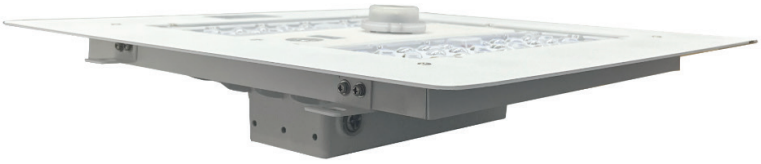
Canopy Light CP05

- IP65, IK08
- Class I
- AC220-240V
- Recessed / Surface / Chain / Hanging / Pole Mounting Options Available
- Highly recyclable
- 100K Hours
- Dimming Options
- 10 Years Warranty
- Selectable Wattages

Product Features:

- ✓ The LED canopy light features 3 wattages switchable, delivering top of the line efficiency and versatility that results in a truly optimized approach to each application.
- ✓ The LED canopy light is easy to install and has a long life, making it perfect for hard to reach areas
- ✓ Heavy-duty Die-Cast Aluminum housing with advanced thermal transmission ensures the best performance and heat dissipation.
- ✓ With the high efficiency performance, along with our professional grade lens design, this light can consistently provide 150LM/W efficiency.
- ✓ Built with high quality LED driver, provides at least 100,000 hours of lifetime.

Product Features:



- ✓ Field selectable wattage
- ✓ Multiple installation modes
- ✓ Die-cast aluminum housing
- ✓ High-Quality LED Light source
- ✓ Up to 140lm/w efficacy
- ✓ 100,000HrS rated life
- ✓ 10 Years warranty
- ✓ IP65 protection grade, waterproof and dustproof
- ✓ Easy to instal
- ✓ Wide application

Model Selection

Model No.	Wattage	Lumen	Dimension (mm)LxWxH
CP05-100	60/80/100 W	Up to 15,000 lm	350x350x80

Selectable Options

CCT	Beam Angle	Housing
3000K	90°	White
4000K	120°	Black
5700K		
6500K		

Applications

- ✓ Gas Station
- ✓ Canopies
- ✓ Parking Garages
- ✓ Stairwells
- ✓ Building Facades
- ✓ Warehouses
- ✓ Other similiar applications

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IEC60598 LM79 / LM80 COMPLIANCE | Glowing Wire Test - 850°C | SDCM <3 | CE COMPLIANCE | RoHS

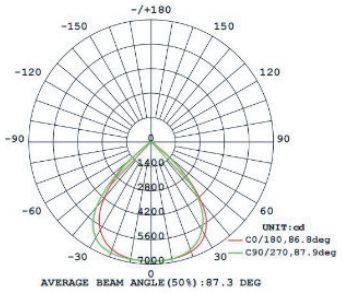
ELECTRICAL SYSTEM

- ✓ Input vottage: 100-240V, 50/60Hz, Class 1 drivers
- ✓ Power Factor: > 0.9 at full load
- ✓ Total Harmonic Distortion: < 20% at full load
- ✓ Integral 10kV surge suppression protection standard
- ✓ Dimmable: 1-10V dimming optional
- ✓ When code dictates fusing, a slow blow fuse or type C/D breaker should be used to address inrush current.
- ✓ 10V Source: Current: 0.15mA

Electrical Data*				
NOMINAL POWER(W)	System Watts 120-240V	Total current (A)		
		120V	208V	240V
Max 1.5A				
60W	60W	0.50	0.29	0.25
80W	80W	0.67	0.38	0.33
100W	100W	0.83	0.48	0.42

*Electrical data 25˚C (77˚F). Actual Wattage may differ by +/- 10% when operating between 120-240V+/- 10%

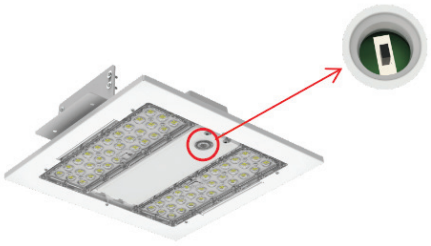
PHOTOMETRY



IES Test
90 Degree

90˚ Distribution*		
NOMINAL POWER(W)	5700K	
	Initial Delivered Lumens*	BUG Ratings** Per 90 Degree
Max 1.5A		
60W	9000 Lumen	B4 U3 G1
80W	12000 Lumen	B4 U3 G1
100W	15000 Lumen	B4 U3 G1

WATTAGE ADJUSTABLE



Selectable 3 power output to suit multiple application environments.

3 Wattage Tunable*		
NOMINAL POWER(W)	Adjustable Lumen Output	Lifespan@25˚C
Max 1.5A		
60W/80W/100W Tunable	5600/8400/14000 Lumen	L80 100,000H

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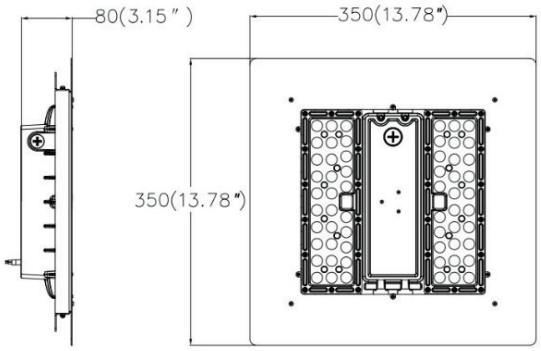
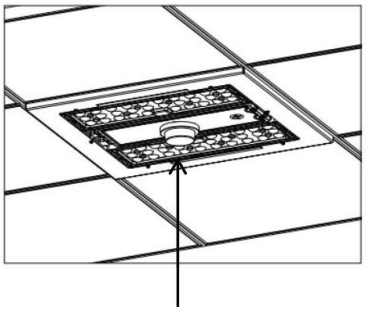
IEC60598 LM79 / LM80 COMPLIANCE | Glowing Wire Test - 850°C | SDCM <3 | CE COMPLIANCE | RoHS

INSTALLATION AND DIMENSIONS

Recessed Mounting - 1

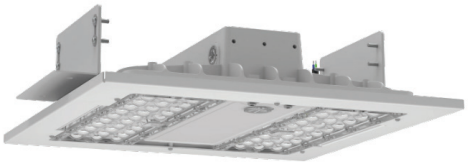


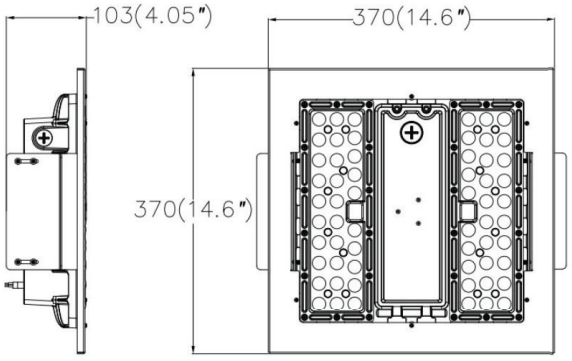


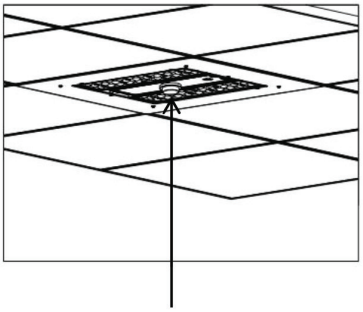
Programmable Multi-level Sensor Location
(ordered as an option)

Package informations			
Type	N.W/Pcs	G.W/Ctn	Cartoon Size
Recessed Mounting	4.5kg	5.1kg	430*400*120mm

Recessed Mounting - 2







Programmable Multi-level Sensor Location
(ordered as an option)

Package informations			
Type	N.W/Pcs	G.W/Ctn	Cartoon Size
Recessed Mounting	4.5kg	5.1kg	430*400*120mm

*Note: Installation must be done by professional electrical qualified person to avoid any hazards
Input supply voltage: AC220-240V, 50/60Hz

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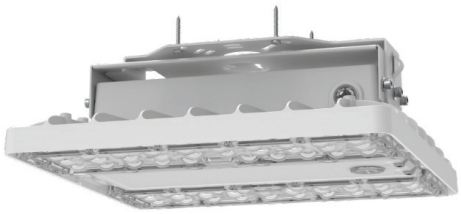
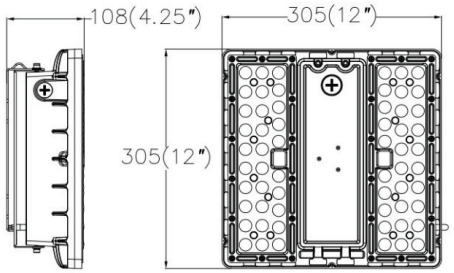
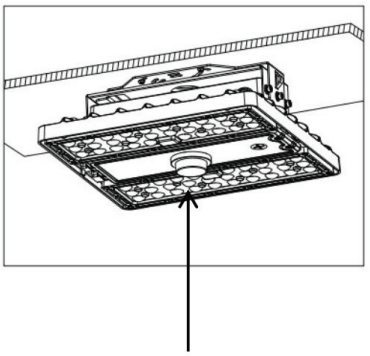
IEC60598 LM79 / LM80 COMPLIANCE | Glowing Wire Test - 850°C | SDCM <3 | CE COMPLIANCE | RoHS

INSTALLATION AND DIMENSIONS

Surface Mounting



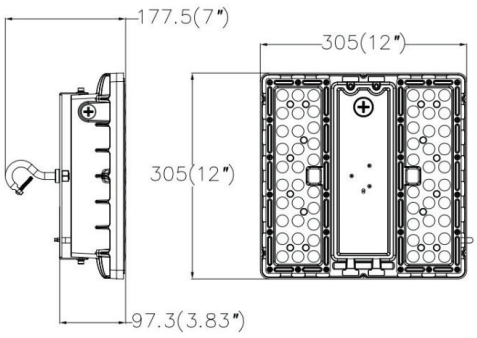


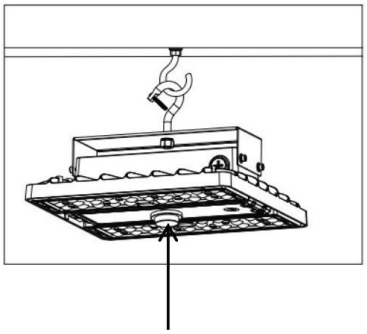


Programmable Multi-level Sensor Location
(ordered as an option)

Package informations			
Type	N.W/Pcs	G.W/Ctn	Cartoon Size
Recessed Mounting	3.5kg	4.1kg	340*340*145mm

Hanging





Programmable Multi-level Sensor Location
(ordered as an option)

Package informations			
Type	N.W/Pcs	G.W/Ctn	Cartoon Size
Hanging	3.6kg	4.2kg	340*340*145mm

*Note: Installation must be done by professional electrical qualified person to avoid any hazards
Input supply voltage: AC220-240V, 50/60Hz

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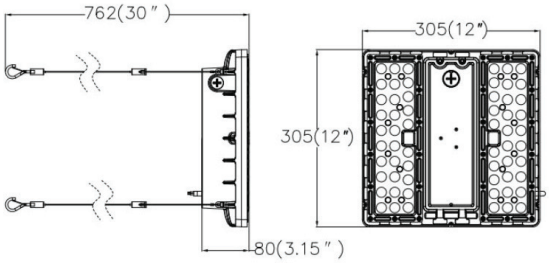
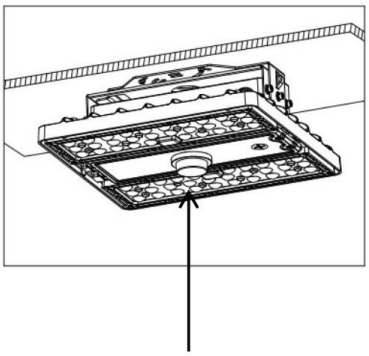
INSTALLATION AND DIMENSIONS

Chain Mounting

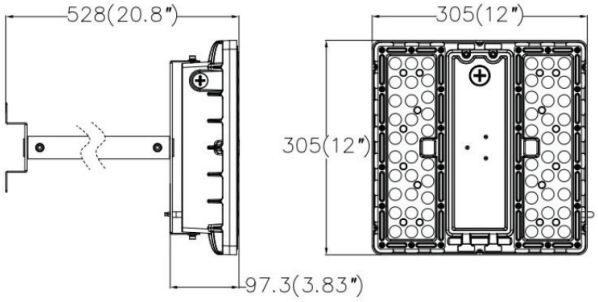


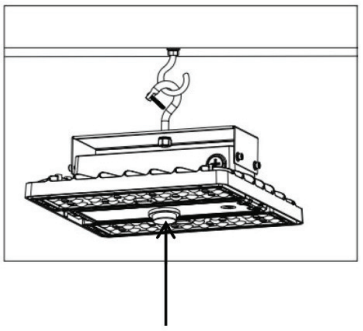


Programmable Multi-level Sensor Location
(ordered as an option)

Package informations			
Type	N.W/Pcs	G.W/Ctn	Cartoon Size
Chain Mounting	2.8kg	3.4kg	340*340*120mm

Pole Mounting





Programmable Multi-level Sensor Location
(ordered as an option)

Package informations			
Type	N.W/Pcs	G.W/Ctn	Cartoon Size
Pole Mounting	5.5kg	6.2kg	740*340*145mm

*The pole needs to be ordered separately.

*Note: Installation must be done by professional electrical qualified person to avoid any hazards
Input supply voltage: AC220-240V, 50/60Hz

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IEC60598 LM79 / LM80 COMPLIANCE | Glowing Wire Test - 850°C | SDCM <3 | CE COMPLIANCE | RoHS

Canopy Light CP08

- IP65
- Class I
- AC220-240V
- Surface / Suspended
- Highly recyclable
- 50K hours

Product Features:

- ✓ The product design ensures protection against water and dust ingress, making it suitable for outdoor and indoor use in various weather conditions.
- ✓ Built with sturdy materials to withstand rugged environments, ensuring long-lasting performance and reliability.
- ✓ Ideal for lighting up parking lots,hangars, warehouses, and other similar areas, providing enhanced visibility and safety.
- ✓ Utilizes energy-efficient LED technology to minimize power consumption and reduce operating costs without compromising on brightness or quality of light.
- ✓ Extended Durability with a Lifespan of Up to 50,000 Hours L80.

Product Specifications:

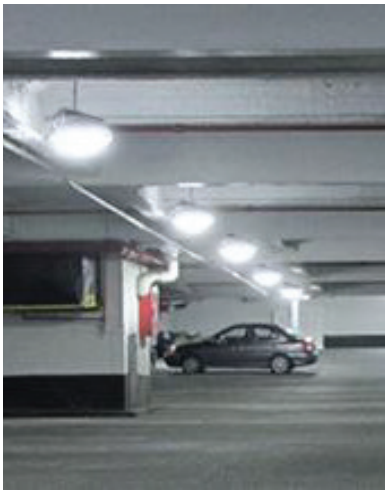
- ✓ Housing: Die-Cast Aluminum Body
- ✓ Diffuser: Opal PC
- ✓ Outstanding Working Temp: -30~50°C
- ✓ Delivered Lumen output: 130lm/W
- ✓ Color Render Index > 70
- ✓ Power Factor > 0.9

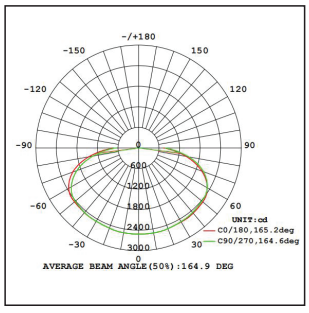
Model Selection

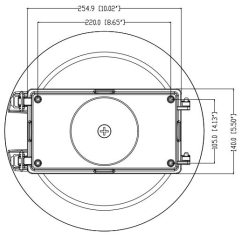
Model No.	Wattage	Lumen	Dimension (mm)DxH
CP08-060	60 W	7800 lm	330x182
CP08-080	80 W	10400 lm	330x182
CP08-100	100 W	13000 lm	330x182
CP08-150	150 W	19500 lm	330x182

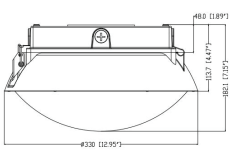
Selectable Options

CCT	Beam Angle	Body Color
3000K	160°	White
4000K		Black
6500K		









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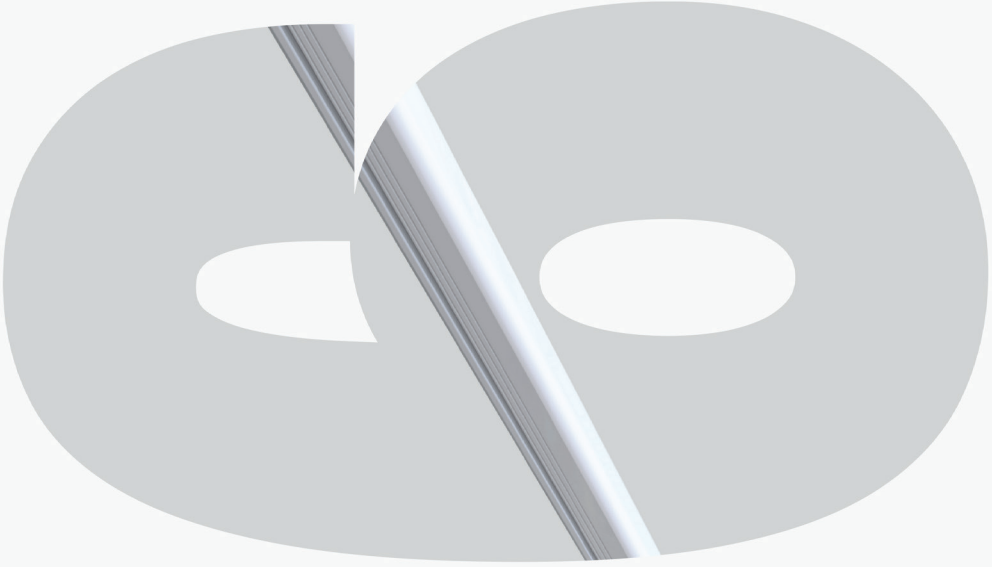


WEATHER PROOF LIGHT

FRATER®
SPAIN SINCE 1999

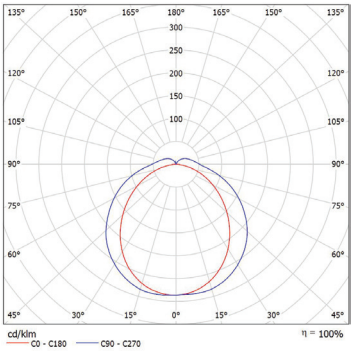
IEC60598 LM79 / LM80 COMPLIANCE | Glowing Wire Test - 850°C | SDCM <3 | CE COMPLIANCE | RoHS COMPLIANT

LED Weatherproof Caliber

- IP66
- Class I
- AC220-240V
- Surface / Suspended Mounted Luminaire
- Highly recyclable
- 50k Hours Lifetime
- DALI, Phase Cut & 1/0-10V Dimming Options
- Smart Detection Motion Sensors Options

Product Features:

- ✓ Product design ensures protection against water and dust ingress making it suitable for outdoor and indoor use in various weather conditions.
- ✓ Utilizes high-efficiency LEDs to provide bright illumination while consuming minimal power, resulting in significant energy savings and reduced operating costs.
- ✓ Offers switchable power options, allowing users to adjust the brightness levels according to specific lighting requirements or time of day, optimizing energy utilization and providing customizable lighting solutions.
- ✓ Features optional smart motion sensors that detect movement within the vicinity, automatically adjusting the light output accordingly. This not only enhances safety and security but also contributes to additional energy savings by providing light only when needed.
- ✓ Ideal for parking lots, garages, driveways, and other outdoor areas where reliable and energy-efficient lighting is essential for safety and visibility.
- ✓ Extended Durability with a Lifespan of Up to 50,000 Hours L80.

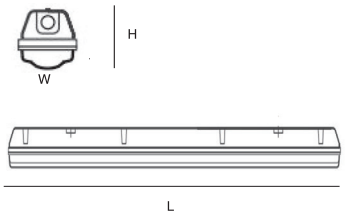


Product Specifications:

- ✓ Housing: Polycarbonate
- ✓ Diffuser : PC Opal
- ✓ Gear Tray: White lacquered steel
- ✓ Plate Clips: SS Clips
- ✓ Outstanding Temp : -20~+50°C
- ✓ Delivered Lumen output : 120lm/W
- ✓ Color Render Index >80
- ✓ Power Factor >0.9

Model Selection

Model No.	Wattage	Lumen	Dimension (mm)LxWxH
WPCA-030	16/20/25/30 W	Up to 3600 lm	600x83x72
WPCA-040	24/30/36/40 W	Up to 4800 lm	1200x83x72
WPCA-060	36/42/5/2/60 W	Up to 7200 lm	1500x83x72



Selectable Options

CCT	Beam Angle	Housing
3000K	110°	Grey
4000K		
6500K		

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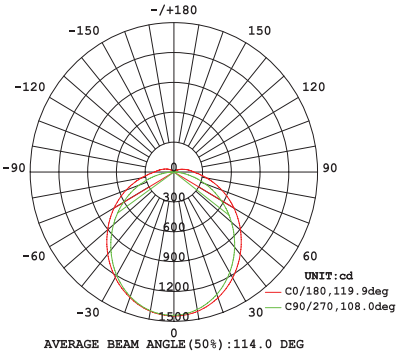
IEC60598 LM79 / LM80 COMPLIANCE | Glowing Wire Test - 850°C | SDCM <3 | CE COMPLIANCE | RoHS

LED Weatherproof Caliber Plus

- IP65
- Class I
- AC220-240V
- Surface / Suspended Mounted Luminaire
- 5/10 Years Warranty Options
- 50k/100K Hours Lifetime
- DALI, Phase Cut & 1/0-10V Dimming Options
- Smart Detection Motion Sensors Options

Product Features:

- ✓ Product design ensures protection against water and dust ingress making it suitable for outdoor and indoor use in various weather conditions.
- ✓ Utilizes high-efficiency LEDs to provide bright illumination while consuming minimal power, resulting in significant energy savings and reduced operating costs.
- ✓ Offers switchable power options, allowing users to adjust the brightness levels according to specific lighting requirements or time of day, optimizing energy utilization and providing customizable lighting solutions.
- ✓ Features optional smart motion sensors that detect movement within the vicinity, automatically adjusting the light output accordingly. This not only enhances safety and security but also contributes to additional energy savings by providing light only when needed.
- ✓ Ideal for parking lots, garages, driveways, and other outdoor areas where reliable and energy-efficient lighting is essential for safety and visibility.
- ✓ Extended Durability with a Lifespan of Up to 50,000 Hours L80.



Product Specifications:

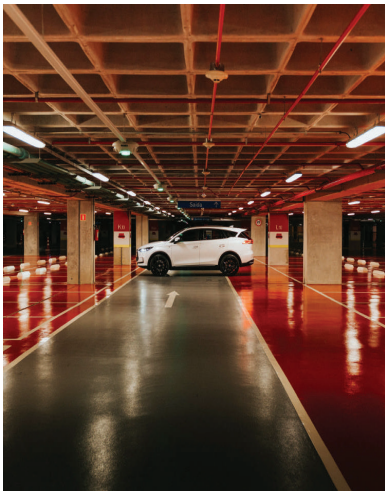
- ✓ Housing: Polycarbonate
- ✓ Diffuser : PC Opal
- ✓ Gear Tray: White lacquered steel
- ✓ Clips: SS326 Stainless Steel Clips
- ✓ Outstanding Temp : -20~+50°C
- ✓ Delivered Lumen output : 160lm/W
- ✓ Color Render Index >80
- ✓ Power Factor >0.9

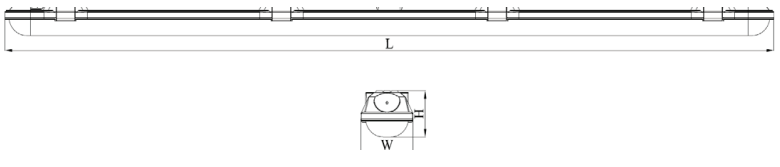
Model Selection

Model No.	Wattage	Lumen	Dimension (mm)LxWxH
WPCP-020	11/14/17/20 W	Up to 3200 lm	600x95x75
WPCP-040	24/28/34/40 W	Up to 6400 lm	1200x95x75
WPCP-060	34/42/51/60 W	Up to 9600 lm	1500x95x75

Selectable Options

CCT	Beam Angle	Housing
3000K	114°	Grey
4000K		
6500K		





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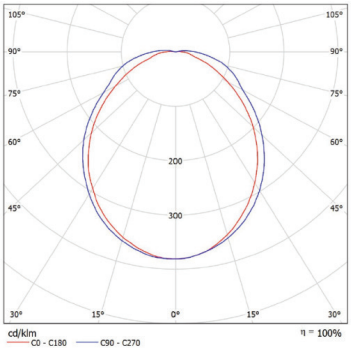
LED Weatherproof FRT8

- IP66
- Class I
- AC220-240V
- Surface / Suspended Mounted Luminaire
- Highly recyclable
- 50k Hours Lifetime
- DALI, Phase Cut & 1/0-10V Dimming Options
- Equipped with T8 Tubes

Product Features:

- ✓ Product design ensures protection against water and dust ingress making it suitable for outdoor and indoor use in various weather conditions.
- ✓ Designed to accommodate T8 tubes, offering versatility and ease of maintenance with widely available and replaceable lighting components.
- ✓ Ideal for parking lots, garages, driveways, and other outdoor areas where reliable and energy-efficient lighting is essential for safety and visibility.
- ✓ Designed for retrofit applications, allowing for easy replacement of existing fixtures with minimal modifications, reducing installation time and costs.



Product Specifications:

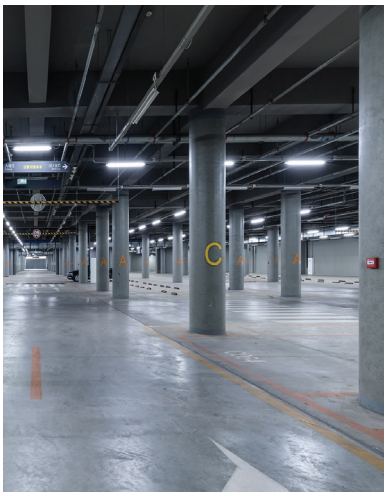
- ✓ Housing: PC
- ✓ Diffuser : PC Transparent
- ✓ Powder Coated CRC Steel Plate
- ✓ 304 SS Clips
- ✓ Light Source: Suitable for T8 LED Tube, 2,4 & 5 Feet
- ✓ Outstanding Temp : -20~+50°C

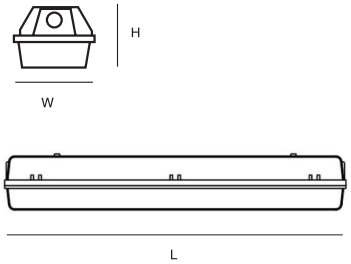
Model Selection

Model No.	Suitable LED Tube	Number of Tube	Dimension (mm)LxWxH
FRT8-D2F	T8	02	664x102x73
FRT8-D4F	T8	02	1272x102x73
FRT8-D5F	T8	02	1572x102x73

Selectable Options

T8 Tube	CCT	Beam Angle	Housing
9W	3000K	120°	Grey
18W	4000K		
22W	6500K		





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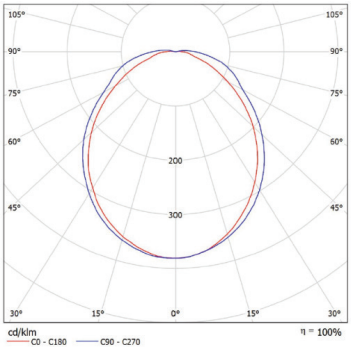
IEC60598 LM79 / LM80 COMPLIANCE | Glowing Wire Test - 850°C | SDCM <3 | CE COMPLIANCE | RoHS

LED Weatherproof Galaxy I

- IP65
- Class I
- AC220-240V
- Surface / Suspended Mounted Luminaire
- Highly recyclable
- 50k Hours Lifetime
- DALI, Phase Cut & 1/0-10V Dimming Options
- Suitable for T8 Tubes

Product Features:

- ✓ Product design ensures protection against water and dust ingress making it suitable for outdoor and indoor use in various weather conditions.
- ✓ Designed to accommodate T8 tubes, offering versatility and ease of maintenance with widely available and replaceable lighting components.
- ✓ Ideal for parking lots, garages, driveways, and other outdoor areas where reliable and energy-efficient lighting is essential for safety and visibility.
- ✓ Designed for retrofit applications, allowing for easy replacement of existing fixtures with minimal modifications, reducing installation time and costs.



Product Specifications:

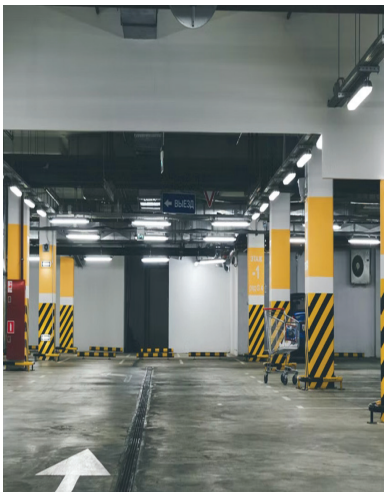
- ✓ Housing: PC
- ✓ Diffuser : PC Transparent
- ✓ Powder Coated CRC Steel Plate
- ✓ 304 SS Clips
- ✓ Light Source: Suitable for T8 LED Tube, 2,4 & 5 Feet
- ✓ Outstanding Temp : -20~+50°C

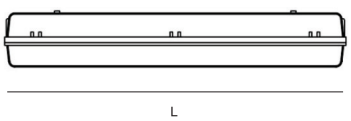
Model Selection

Model No.	Number of Tube	Dimension (mm)LxWxH
WPG1-S2F	01	660x100x100
WPG1-D2F	02	660x165x100
WPG1-S4F	01	1290x100x100
WPG1-D4F	02	1290x165x100
WPG1-S5F	01	1560x100x100
WPG1-D5F	02	1560x165x100

Selectable Options

T8 Tube	CCT	Beam Angle	Housing
9W	3000K	120°	Grey
18W	4000K		
22W	6500K		





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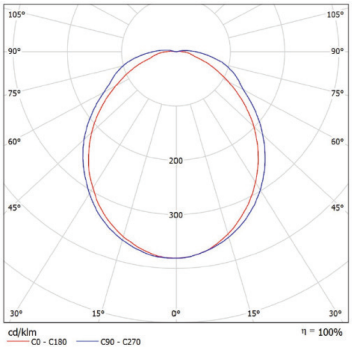
LED Weatherproof Galaxy II

- IP65
- Class I
- AC220-240V
- Surface / Suspended Mounted Luminaire
- Highly recyclable
- 50k Hours Lifetime
- DALI, Phase Cut & 1/0-10V Dimming Options

Product Features:

- ✓ Product design ensures protection against water and dust ingress making it suitable for outdoor and indoor use in various weather conditions.
- ✓ Ideal for parking lots, garages, driveways, and other outdoor areas where reliable and energy-efficient lighting is essential for safety and visibility.
- ✓ Designed for retrofit applications, allowing for easy replacement of existing fixtures with minimal modifications, reducing installation time and costs.
- ✓ Extended Durability with a Lifespan of Up to 50,000 Hours L80.



Product Specifications:

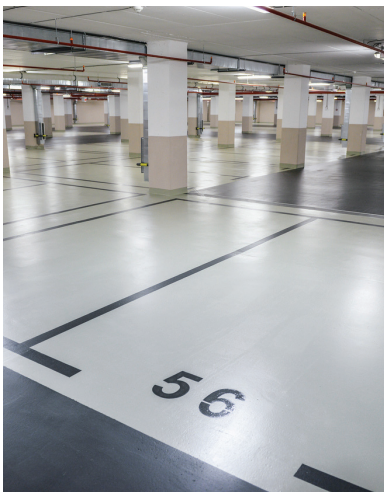
- ✓ Housing: PC
- ✓ Diffuser : PC Opal
- ✓ Powder Coated CRC Steel Plate
- ✓ 304 SS Clips
- ✓ Outstanding Temp : -20~+50
- ✓ Delivered Lumen output : 125lm/W
- ✓ Color Render Index >80
- ✓ Power Factor >0.9

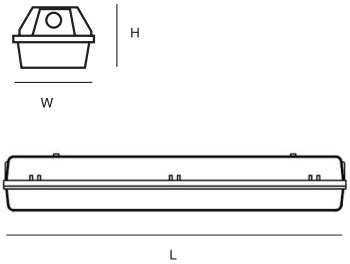
Model Selection

Model No.	Wattage	Lumen	Dimension (mm)LxWxH
WPG2-024	18/24 W	Up to 3000 lm	660x165x100
WPG2-040	30/40 W	Up to 5000 lm	1290x165x100
WPG2-060	50/60 W	Up to 7500 lm	1290x165x100
WPG2-090	60/80/90 W	Up to 11250 lm	1560x165x100

Selectable Options

CCT	Beam Angle	Housing
3000K	120°	Grey
4000K		
6500K		





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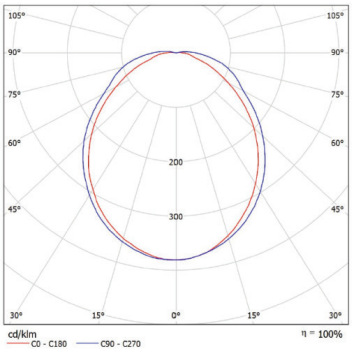
IEC60598 LM79 / LM80 COMPLIANCE | Glowing Wire Test - 850°C | SDCM <3 | CE COMPLIANCE | RoHS

LED Weatherproof Marina

- IP66
- Class I
- AC220-240V
- Surface / Suspended Mounted Luminaire
- Highly recyclable
- 50k Hours Lifetime
- DALI, Phase Cut & 1/0-10V Dimming Options
- Smart Detection Motion Sensors Options

Product Features:



- ✓ Product design ensures protection against water and dust ingress making it suitable for outdoor and indoor use in various weather conditions.
- ✓ Utilizes high-efficiency LEDs to provide bright illumination while consuming minimal power, resulting in significant energy savings and reduced operating costs.
- ✓ Offers switchable power options, allowing users to adjust the brightness levels according to specific lighting requirements or time of day, optimizing energy utilization and providing customizable lighting solutions.
- ✓ Features optional smart motion sensors that detect movement within the vicinity, automatically adjusting the light output accordingly. This not only enhances safety and security but also contributes to additional energy savings by providing light only when needed.
- ✓ Ideal for parking lots, garages, driveways, and other outdoor areas where reliable and energy-efficient lighting is essential for safety and visibility.
- ✓ Extended Durability with a Lifespan of Up to 50,000 Hours L80.

Product Specifications:

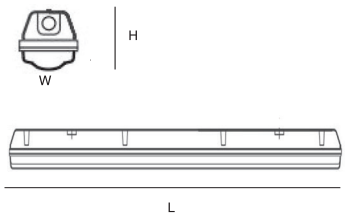
- ✓ Housing: Polycarbonate
- ✓ Diffuser : PC Opal
- ✓ Gear Tray: White lacquered steel
- ✓ Outstanding Temp : -20~+50°C
- ✓ Delivered Lumen output : 120lm/W
- ✓ Color Render Index >80
- ✓ Power Factor >0.9

Model Selection

Model No.	Wattage	Lumen	Dimension (mm)LxWxH
WPMR-042	24/30/36/42 W	Up to 5040 lm	1277x104x84
WPMR-052	46/52 W	Up to 7200 lm	1573x104x84

Selectable Options

CCT	Beam Angle	Housing
3000K	110°	Grey
4000K		
6500K		



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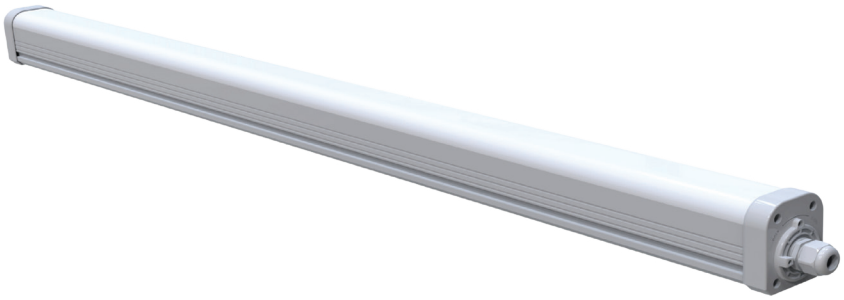
IEC60598 LM79 / LM80 COMPLIANCE | Glowing Wire Test - 850°C | SDCM <3 | CE COMPLIANCE | RoHS

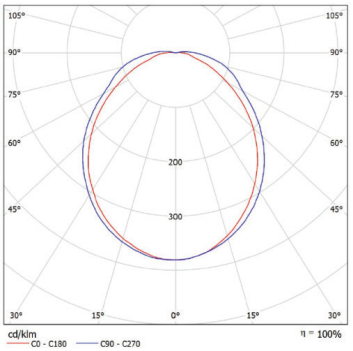
LED Weatherproof Slender

- IP65
- Class I
- AC220-240V
- Surface / Suspended Mounted Luminaire
- Highly recyclable
- 50k Hours Lifetime



Product Features:

- ✓ Product design ensures protection against water and dust ingress making it suitable for outdoor and indoor use in various weather conditions.
- ✓ Designed with sleek and compact construction, enhancing aesthetics while offering functionality, seamlessly blending into various architectural settings.
- ✓ Utilizes high-efficiency LEDs to provide bright illumination while consuming minimal power, resulting in significant energy savings and reduced operating costs.
- ✓ Designed for easy installation with versatile mounting options, facilitating quick and hassle-free setup, reducing installation time and effort.
- ✓ Ideal for parking lots, garages, driveways, and other outdoor areas where reliable and energy-efficient lighting is essential for safety and visibility.
- ✓ Extended Durability with a Lifespan of Up to 50,000 Hours L80.



Product Specifications:

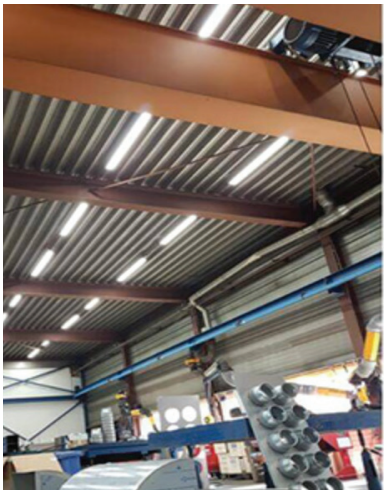
- ✓ Housing: Polycarbonate
- ✓ Outstanding Temp : -20~+50
- ✓ Delivered Lumen output : 120lm/W
- ✓ Color Render Index >80
- ✓ Power Factor >0.9

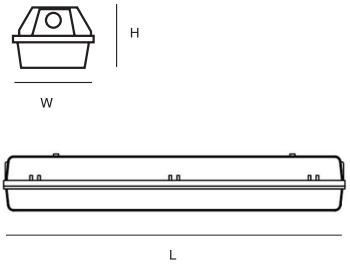
Model Selection

Model No.	Wattage	Lumen	Dimension (mm)LxWxH
WPSL-020	20 W	2400 lm	610x63x75
WPSL-040	40 W	4800 lm	1230x63x75
WPSL-048	48 W	5760 lm	1510x63x75

Selectable Options

CCT	Beam Angle	Housing
3000K	120°	Grey
4000K		
6500K		





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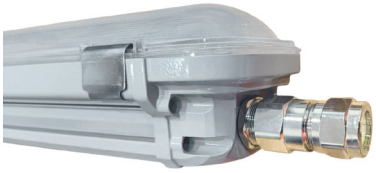
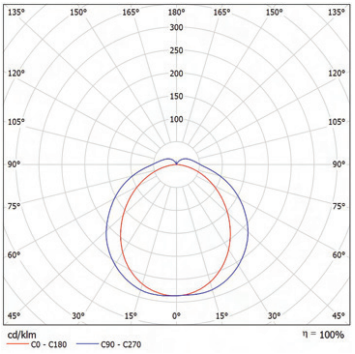
LED Weatherproof WP01



- IP66, IK10
- Class I
- AC220-240V
- Surface / Suspended/Pole Mounted Luminaire
- Highly recyclable
- 50k Hours Lifetime
- DALI, Phase Cut & 1/0-10V Dimming Options
- Smart Detection Motion Sensors Options

Product Features:

- ✓ Product design ensures protection against water and dust ingress making it suitable for outdoor and indoor use in various weather conditions.
- ✓ Utilizes high-efficiency LEDs to provide bright illumination while consuming minimal power, resulting in significant energy savings and reduced operating costs.
- ✓ Offers switchable power options, allowing users to adjust the brightness levels according to specific lighting requirements or time of day, optimizing energy utilization and providing customizable lighting solutions.
- ✓ Features optional smart motion sensors that detect movement within the vicinity, automatically adjusting the light output accordingly. This not only enhances safety and security but also contributes to additional energy savings by providing light only when needed.
- ✓ Ideal for parking lots, garages, driveways, and other outdoor areas where reliable and energy-efficient lighting is essential for safety and visibility.
- ✓ Extended Durability with a Lifespan of Up to 50,000 Hours L80.



Product Specifications:

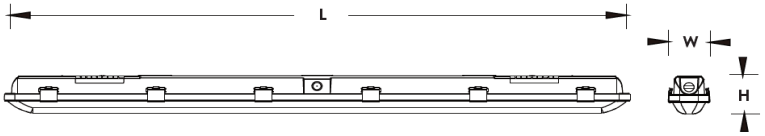
- ✓ Housing: Aluminum
- ✓ Gland: M20 Brass Nickel-Plated Double Compression Cable Gland
- ✓ Looping Option: Loop-in Loop-out Connection - Optional
- ✓ Diffuser: PC Opal
- ✓ Gear Tray: White lacquered steel Plate
- ✓ Clips: 304 SS Clips
- ✓ Outstanding Temp : -20~+50°C
- ✓ Delivered Lumen output : 140lm/W
- ✓ Color Render Index >80
- ✓ Power Factor >0.9

Model Selection

Model No.	Wattage	Lumen	Dimension (mm)LxWxH
WP01-025	16/20/25 W	Up to 3500 lm	610x75x85
WP01-040	24/30/36/40 W	Up to 5600 lm	1165x75x85
WP01-060	36/42/52/60 W	Up to 8400 lm	1465x75x85

Selectable Options:

CCT	Beam Angle	Housing
3000K	110°	Grey
4000K		
6500K		



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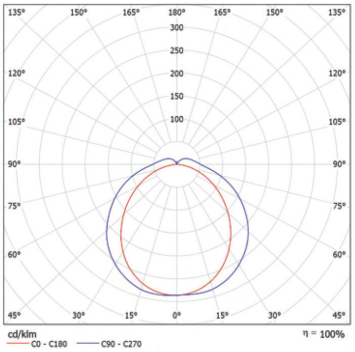
LED Weatherproof WP06

- IP67 / IK08
- Class I
- AC220-240V, 50/60Hz
- Suspended Mounted Luminaire
- Highly recyclable
- 50k Hours Lifetime
- DALI, Phase Cut & 1/0-10V Dimming Options
- Smart Detection Motion Sensors Options



Product Features:

- ✓ Product design ensures protection against water and dust ingress making it suitable for outdoor and indoor use in various weather conditions. Utilizes
- ✓ high-efficiency LEDs to provide bright illumination while consuming minimal power, resulting in significant energy savings and reduced operating costs.
- ✓ Offers power options, allowing users to adjust the brightness levels according to specific lighting requirements or time of day, optimizing energy utilization and providing customizable lighting solutions.
- ✓ Features optional smart motion sensors that detect movement within the vicinity, automatically adjusting the light output accordingly. This not only enhances safety and security but also contributes to additional energy savings by providing light only when needed.
- ✓ Ideal for parking lots, garages, driveways, and other outdoor areas where reliable and energy-efficient lighting is essential for safety and visibility.
- ✓ Extended Durability with a Lifespan of Up to 50,000 Hours L80.

Product Specifications:

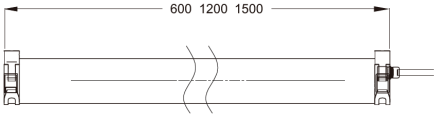
- ✓ Housing: Polycarbonate
- ✓ Diffuser : PC Opal
- ✓ Fixing Springs : Stainless Steel
- ✓ Outstanding Temp : -20~+50°C
- ✓ Delivered Lumen output : 120lm/W
- ✓ Color Render Index >80
- ✓ Power Factor >0.9

Model Selection

Model No.	Wattage	Lumen	Dimension (mm)LxWxH
WP06-020	20W	2400 lm	600x75x75
WP06-040	40W	4800 lm	1200x75x75
WP06-060	60W	7200 lm	1500x75x75

Selectable Options:

CCT	Beam Angle	Housing
3000K	120°	White
4000K		
6500K		



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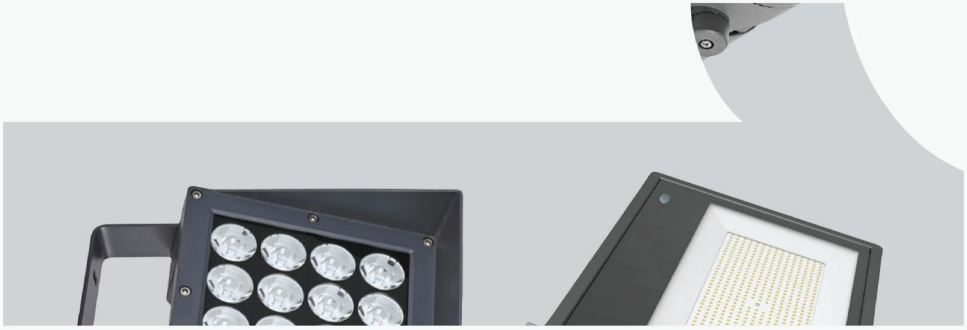
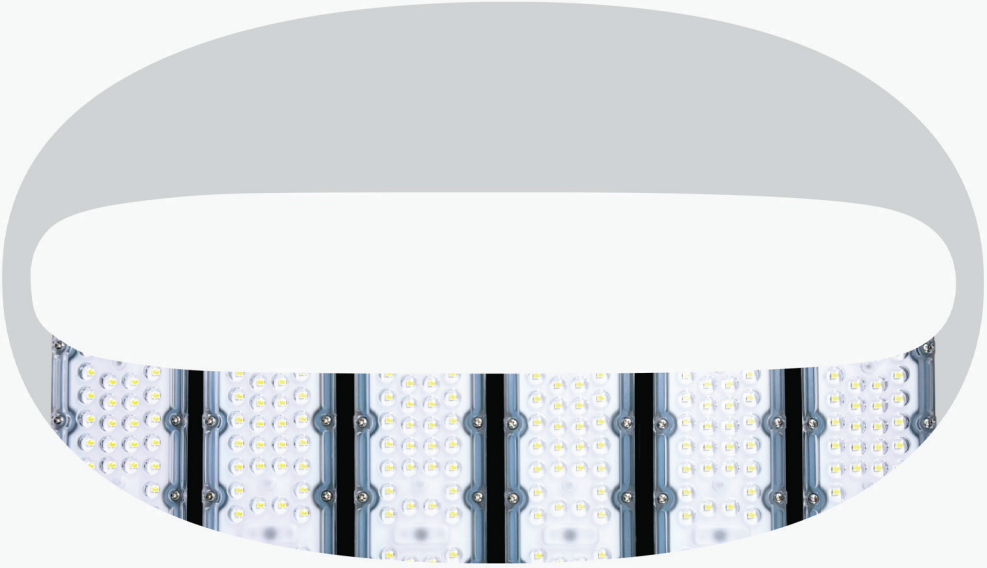




FLOOD LIGHT

FRATER®
SPAIN SINCE 1999

IEC60598 LM79 / LM80 COMPLIANCE | Glowing Wire Test - 850°C | SDCM <3 | CE COMPLIANCE | RoHS

Flood Light FL32

- IP66
- Class I
- AC220-240V
- Surface Mounted
- Highly recyclable
- 50K hours
- Dimming Options

Product Features:

- ✓ Provides superior brightness with excellent energy efficiency, ensuring maximum lumen output with minimal power consumption.
- ✓ Offers complete protection against dust ingress and powerful water jets, making it ideal for harsh outdoor environments.
- ✓ Designed with efficient heat dissipation to maintain optimal performance and prolong the lifespan of the LEDs.
- ✓ Suitable for various outdoor lighting needs, including stadiums, building facades, parking lots, and more.
- ✓ Extended Durability with a Lifespan of Up to 50,000 Hours L80.

Product Specifications:

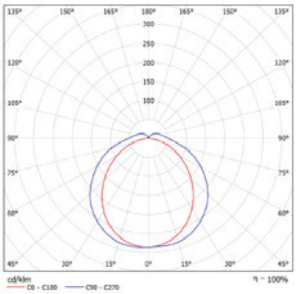
- ✓ Housing: Die-Cast Aluminum
- ✓ Diffuser: Toughed Glass
- ✓ Outstanding Temp: -20~50°C
- ✓ Delivered Lumen Output: 140lm/W
- ✓ Color Render Index > 80
- ✓ Power Factor > 0.9

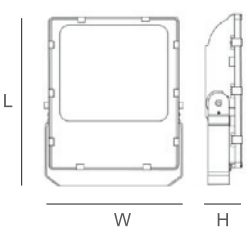
Model Selection

Model No.	Wattage	Lumen	Dimension (mm)LxWxH
FL32-050	50 W	7000 lm	235x205x65
FL32-100	100 W	14000 lm	270x205x90
FL32-150	150 W	18000 lm	350x310x90
FL32-200	200 W	28000 lm	410x350x90

Selectable Options

CCT	Beam Angle	Body Color
3000K	120°	Black
4000K		
6500K		





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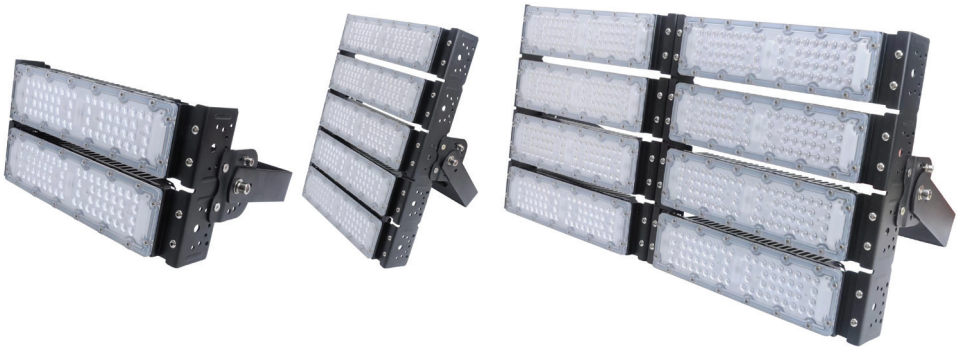
IEC60598 LM79 / LM80 COMPLIANCE | Glowing Wire Test - 850°C | SDCM <3 | CE COMPLIANCE | RoHS

Flood Light FL34

- IP67
- Class I
- AC100-277V / 50/60Hz
- Surface Mounted Luminaire
- Highly recyclable
- 50k Hours Lifetime



Product Features:

- ✓ Provides superior brightness with excellent energy efficiency, ensuring maximum lumen output with minimal power consumption.
- ✓ Offers complete protection against dust ingress and powerful water jets, making it ideal for harsh outdoor environments.
- ✓ Designed with efficient heat dissipation to maintain optimal performance and prolong the lifespan of the LEDs.
- ✓ Suitable for various outdoor lighting needs, including stadiums, building facades, parking lots, and more.
- ✓ Extended Durability with a Lifespan of Up to 50,000 Hours L80.

Product Specifications:

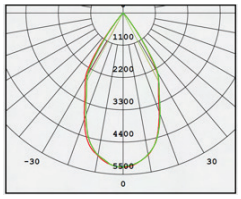
- ✓ Housing: Die-Cast Aluminum
- ✓ Diffuser: PMMA Lens
- ✓ Outstanding Working Temp: -20~50°C
- ✓ Delivered Lumen Output: 130lm/W Optional 155lm/W
- ✓ Color Render Index > 70
- ✓ Power Factor > 0.9

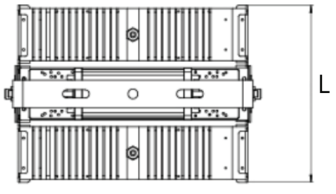
Model Selection

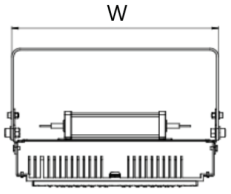
Model No.	Wattage	Lumen	Dimension (mm)LxWxH
FL34-100	100 W	13000 lm	156x326x215
FL34-150	150 W	19500 lm	236x330x215
FL34-200	200 W	26000 lm	316x330x215
FL34-250	250 W	32500 lm	396x330x215
FL34-300	300 W	39000 lm	476x330x215
FL34-400	400 W	52000 lm	316x634x215
FL34-500	500 W	65000 lm	396x634x215
FL34-600	600 W	78000 lm	476x634x215
FL34-800	800 W	104000 lm	636x634x215
FL34-01K	1000 W	130000lm	800x634x215
FL34-1K5	1500 W	195000lm	557x811x341

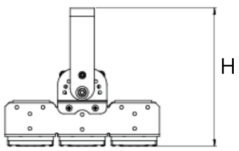
Selectable Options

CCT	Beam Angle	Housing
3000K	100°	Black
4000K		
6500K		









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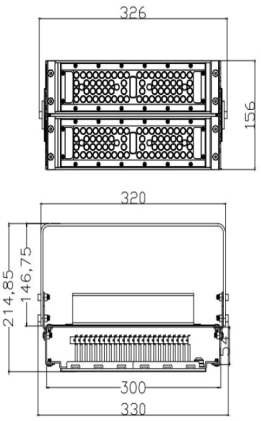
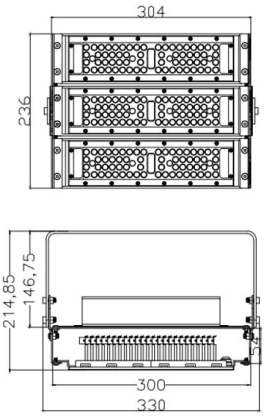
SPAIN SINCE 1999

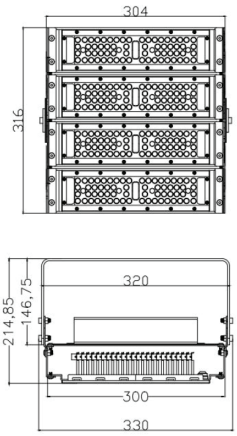
IEC60598 LM79 / LM80 COMPLIANCE | Glowing Wire Test - 850°C | SDCM <3 | CE COMPLIANCE | RoHS



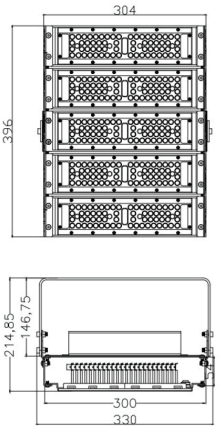
100W - Net Weight 3.0KG



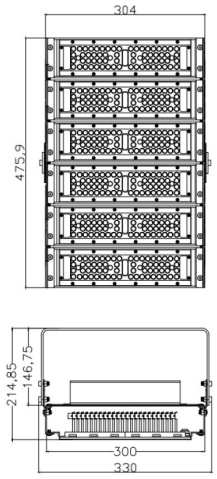
150W - Net Weight 4.0KG



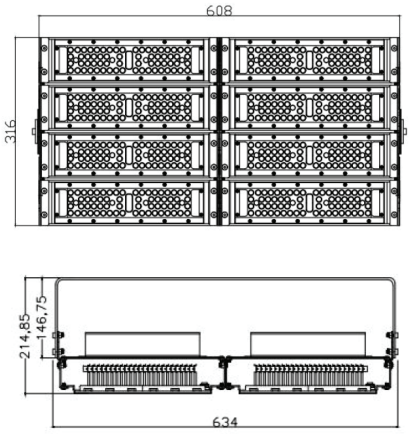
200W - Net Weight 4.8KG



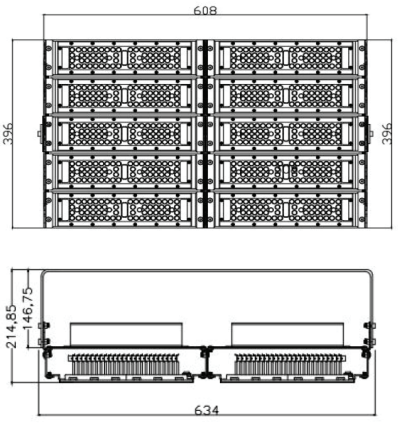
250W - Net Weight 6.0KG



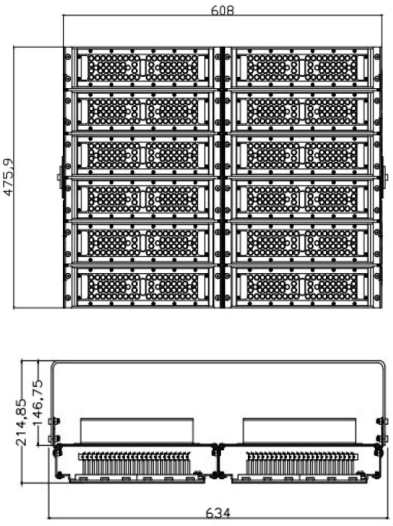
300W - Net Weight 7.4KG



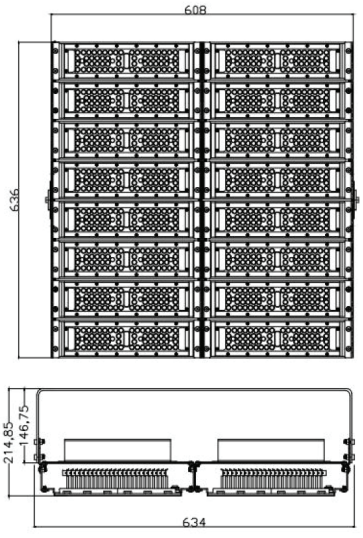
400W - Net Weight 9.7KG



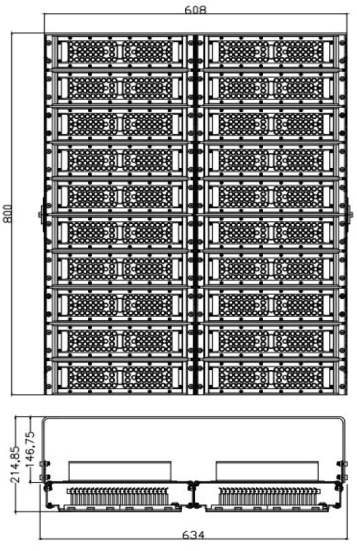
500W - Net Weight 11.0KG



600W - Net Weight 13.3KG



800W - Net Weight 19.4KG



1000W - Net Weight 22.0KG

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IEC60598 LM79 / LM80 COMPLIANCE | Glowing Wire Test - 850°C | SDCM <3 | CE COMPLIANCE | RoHS

Flood Light FL01

- IP66
- Class I
- AC220-240V
- Surface Mounted Luminaire
- Highly recyclable
- 50K hours lifetime
- DALI Dimming

Product Features:

- ✓ Crafted with high-quality materials to withstand outdoor elements, ensuring longevity and resilience.
- ✓ Creates an attractive and stylish ambiance on building facades, walls, or outdoor spaces, enhancing the visual appeal of the area.
- ✓ Suitable for a wide range of outdoor applications, including architectural lighting, accentuating building features, and illuminating walkways.
- ✓ Sleek and Space-Saving Structure
- ✓ Extended Durability with a Lifespan of Up to 50,000 Hours L80

Product Specifications:

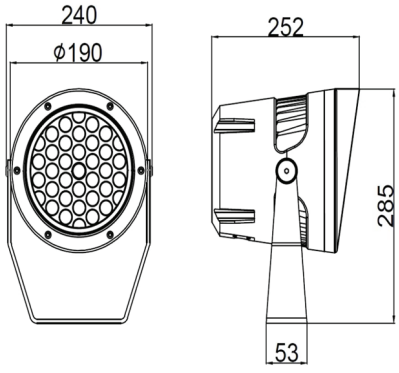
- ✓ Housing: Die-Cast Aluminum Body
- ✓ Diffuser: Clear Tempered Glass
- ✓ Ambient Temperature: 0~50°C
- ✓ Delivered Lumen output: 85lm/W
- ✓ Color Render Index > 80

Model Selection

Model No.	Wattage	Lumen	Dimension (mm)DxWxH
FL01-115	115 W	9816 lm	240x285x252

Selectable Options

CCT	Beam Angle	Body Color
3000K	15°	Black
4000K	24°	Grey
6500K	45°	White



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IEC60598 LM79 / LM80 COMPLIANCE | Glowing Wire Test - 850°C | SDCM <3 | CE COMPLIANCE | RoHS

Flood Light FL02

- IP66
- Class I
- AC220-240V
- Surface Mounted Luminaire
- Highly recyclable
- 50K hours lifetime
- DALI Dimming

Product Features:

- ✓ Crafted with high-quality materials to withstand outdoor elements, ensuring longevity and resilience.
- ✓ Creates an attractive and stylish ambiance on building facades, walls, or outdoor spaces, enhancing the visual appeal of the area.
- ✓ Suitable for a wide range of outdoor applications, including architectural lighting, accentuating building features, and illuminating walkways.
- ✓ Sleek and Space-Saving Structure
- ✓ Extended Durability with a Lifespan of Up to 50,000 Hours L80

Product Specifications:

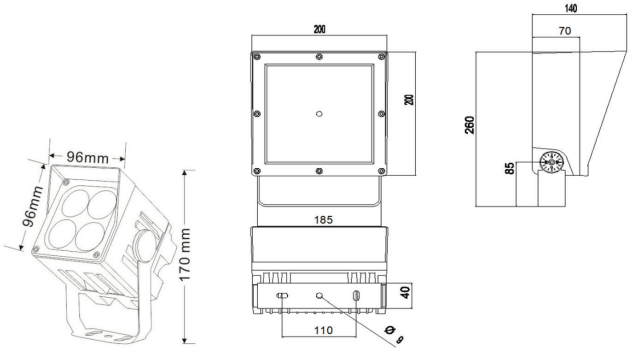
- ✓ Housing: Die-Cast Aluminum Body
- ✓ Diffuser: Clear Tempered Glass
- ✓ Ambient Temperature: 0~50°C
- ✓ Delivered Lumen output: 100lm/W
- ✓ Color Render Index > 80

Model Selection

Model No.	Wattage	Lumen	Dimension (mm)LxWxH
FL02-020	20 W	2000 lm	96x97x170
FL02-054	54 W	5400 lm	200x140x260

Selectable Options

CCT	Beam Angle	Body Color
3000K	15°	Black
4000K	24°	Grey
6500K	45°	White



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Flood Light FL31 Asymmetric

- IP66
- Class I
- AC220-240V
- Surface Mounted
- Highly recyclable
- 50K hours lifetime
- Dimming Options

Product Features:

- ✓ Provides superior brightness with excellent energy efficiency, ensuring maximum lumen output with minimal power consumption.
- ✓ Offers complete protection against dust ingress and powerful water jets, making it ideal for harsh outdoor environments.
- ✓ Designed with efficient heat dissipation to maintain optimal performance and prolong the lifespan of the LEDs.
- ✓ Asymmetric Beam Angle
- ✓ Extended Durability with a Lifespan of Up to 50,000 Hours L80.

Product Specifications:

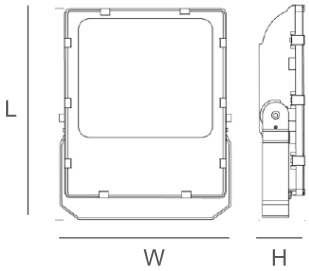
- ✓ Housing: Die-Cast Aluminum
- ✓ Diffuser: Toughed Glass
- ✓ Outstanding Working Temp: -20~50°C
- ✓ Delivered Lumen Output: 130lm/W
- ✓ Color Render Index > 70
- ✓ Power Factor > 0.9

Model Selection

Model No.	Wattage	Lumen	Dimension (mm)LxWxH
FL31-100	100 W	13,000 lm	402X295X60

Selectable Options

CCT	Beam Angle	Body Color
3000K 4000K 6500K	Asymmetric 140X50	Black



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Flood Light FL35

- IP66 / IK08
- Class I
- AC100-240V
- Surface Mounted
- Highly recyclable
- 50K hours lifetime
- Integrated Photocell Sensor

Automatically turn on at sunset and turn off at sunrise

Product Features:

- ✓ Provides superior brightness with excellent energy efficiency, ensuring maximum lumen output with minimal power consumption.
- ✓ Offers complete protection against dust ingress and powerful water jets, making it ideal for harsh outdoor environments.
- ✓ Designed with efficient heat dissipation to maintain optimal performance and prolong the lifespan of the LEDs.
- ✓ Suitable for various outdoor lighting needs, including stadiums, building facades, parking lots, and more.
- ✓ Integrated Photocell Sensor
- ✓ Extended Durability with a Lifespan of Up to 50,000 Hours L80.

Product Specifications:

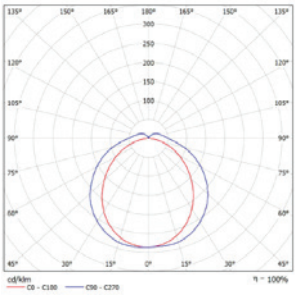
- ✓ Housing: Die-Cast Aluminum
- ✓ Diffuser: Toughed Glass
- ✓ Outstanding Temp: -20~50°C
- ✓ Delivered Lumen Output: 135lm/W
- ✓ Color Render Index > 80
- ✓ Power Factor > 0.9

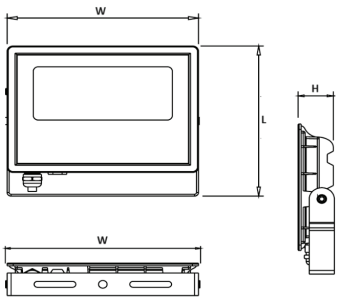
Model Selection

Model No.	Wattage	Lumen	Dimension (mm)LxWxH
FL35-100	100 W	13500 lm	268x330x46
FL35-150	150 W	20250 lm	268x330x46
FL35-200	200 W	27000 lm	348x400x48

Selectable Options

CCT	Beam Angle	Body Color
3000K	120°	Black
4000K		
6500K		





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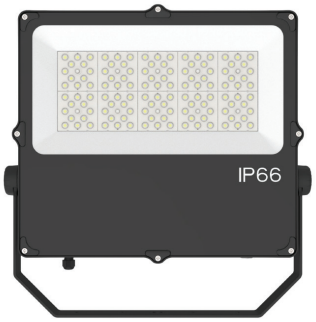
Flood Light FL37 - Marine Grade

- IP66 / IK08
- Class I
- AC100-240V
- Surface Mounted Luminaire
- Highly recyclable
- 50K hours lifetime
- Anti Corrosion Coating

Product Features:

- ✓ The LED flood light delivering top of the line efficiency and versatility that a truly optimized approach to each application.
- ✓ High thermal conductivity, low light decay, solid color light, no ghosting, no glare. The LED flood light is easy to install and has a long life, making it perfect for indoor and outdoor areas.
- ✓ Heavy duty die-cast aluminum housing with advanced thermal transmission ensures the best performance of heat dissipation
- ✓ With the high efficiency performance, along with our professional grade lens design, this light can consistently provide up to 150lm/w
- ✓ IP66 rated waterproof, dust-proof, anti-corrosion for harsh environment. suitable for boats, watercraft, used as fishing light, star lights, utility, marine lights, deck lights, ect.
- ✓ Extended Durability with a Lifespan of Up to 50,000 Hours L80.
- ✓ Equipped with ORSAM LED Chips



Product Specifications:

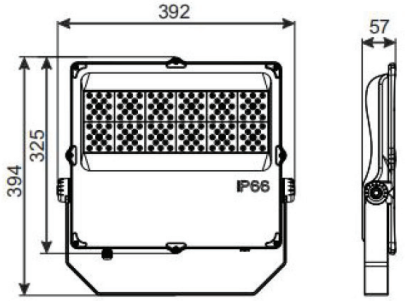
- ✓ Housing: Die-Cast Aluminum
- ✓ Diffuser: Toughened Glass
- ✓ Outstanding Working Temp: -30-50°C
- ✓ Delivered Lumen Output: 150lm/W
- ✓ Color Render Index > 70/80

Model Selection

Model No.	Wattage	Lumen	Dimension (mm)LxWxH
FL37-060	060 W	9000 lm	337x269x57
FL37-100	100 W	15000 lm	394x392x57
FL37-120	120 W	18000 lm	394x392x57

Selectable Options

CCT	Beam Angle	Body Color
3000K	90°	White
4000K	120°	Black
6500K		Grey



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Flood Light FL37 - Marine Grade

ELECTRICAL SYSTEM

- ✓ Input voltage: 100-240V, 50/60Hz, class 1 dividers
- ✓ Power Factor: > 0.9 at full load
- ✓ Total Harmonic Distortion: <20% at full load
- ✓ Integral 10kV surge suppression protection standard
- ✓ Dimmable: 1-10V dimming Optional
- ✓ When code dictates fusing, a slow blow fuse or type C/D breaker should be used to address inrush current.
- ✓ 10V source Current: 0.15mA

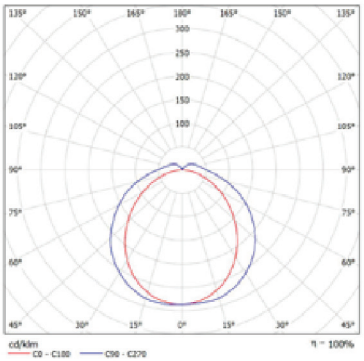
ANTI MARINE COATING

- ✓ Polyester based powder coatings designed for the exterior environment.
- ✓ Offering very good light and weather resistance.
- ✓ Pass-800 hours Neutral Salt Spray, creep less than 2mm from scribe as per ISO 9227

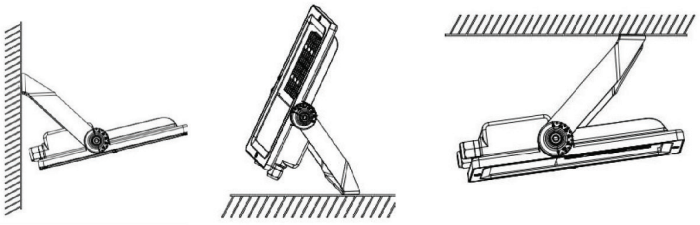
Electrical Data*				
NOMINAL POWER(W)	System Watts 120-240V	Total current (A)		
		120V	208V	240V
Max 1.5A				
120W	120W	0.85	0.51	0.48

*Electrical data 25˚C (77˚F). Actual Wattage may differ by +/- 10% when operating between 120-240V+/- 10%

PHOTOMETRY



INSTALLATION



Wall Mounting | Setting Mounting | Ceiling Mounting

120˚ Distribution*		
NOMINAL POWER(W)	5700K	
	Initial Delivered Lumens*	BUG Ratings** Per 120 Degree
Max 1.5A		
120W	18000 Lumen	B4 U3 G1

Package Informations			
Type	N.W/Pcs	G.W/Ctn	Cartoon Size
FL37	4.0Kg	4.8Kg	440x420x115mm

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IEC60598 LM79 / LM80 COMPLIANCE | Glowing Wire Test - 850°C | SDCM <3 | CE COMPLIANCE | RoHS

Flood Light FLV1 Series

IP65

Class I

AC220-240V

Surface Mounted

Highly recyclable

50K hours lifetime

Vibration Proof

Product Features:

- ✓ Provides superior brightness with excellent energy efficiency, ensuring maximum lumen output with minimal power consumption.
- ✓ Offers complete protection against dust ingress and powerful water jets, making it ideal for harsh outdoor environments.
- ✓ Designed with efficient heat dissipation to maintain optimal performance and prolong the lifespan of the LEDs.
- ✓ Designed for durability, vibration-proof flood lights ensure consistent, high-performance illumination in environments subject to frequent vibrations.
- ✓ Extended Durability with a Lifespan of Up to 50,000 Hours L80.

Product Specifications:

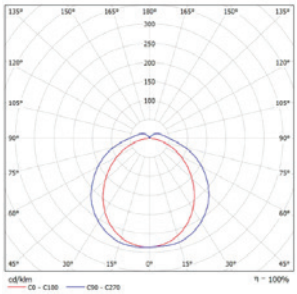
- ✓ Housing: Die-Cast Aluminum
- ✓ Diffuser: Toughed Glass
- ✓ Outstanding Temp: -20~50°C
- ✓ Delivered Lumen Output: 140lm/W
- ✓ Color Render Index > 80
- ✓ Power Factor > 0.9

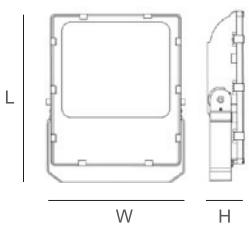
Model Selection

Model No.	Wattage	Lumen	Dimension (mm)AxBxC
FLV1-050	50 W	6500 lm	310x220x50
FLV1-100	100 W	13000 lm	402x295x60
FLV1-150	150 W	19500 lm	430x330x60
FLV1-200	200 W	26000 lm	470x360x60
FLV1-300	300 W	39000 lm	565x485x65
FLV1-400	400 W	52000 lm	565x485x65

Selectable Options

CCT	Beam Angle	Body Color
3000K	120°	Black
4000K		
6500K		





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IEC60598 LM79 / LM80 COMPLIANCE | Glowing Wire Test - 850°C | SDCM <3 | CE COMPLIANCE | RoHS

Flood Light High Mast

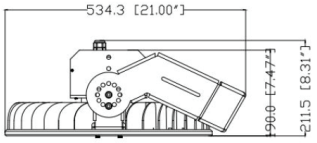
- IP66
- Class I
- AC220-240V
- Surface / Suspended
- Highly recyclable
- 50K hours lifetime
- Dimming Options

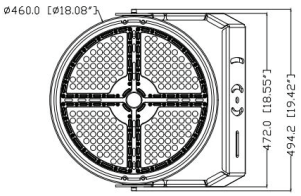
Product Features:

- ✓ Designed for very high wattages with exceptional efficiency, providing powerful and energy efficient lighting solutions.
- ✓ LED modules are precisely adjusted to ensure optimal light distribution, maximizing coverage and uniformity.
- ✓ Engineered for straightforward installation and precise aiming, reducing step up time and enhancing user convenience.
- ✓ Built to withstand harsh environments with robust materials, ensuring long-lasting performance and reliability under challenging conditions.
- ✓ Extended Durability with a Lifespan of Up to 50,000 Hours L80.

Product Specifications:

- ✓ Housing: Die-Cast Aluminum
- ✓ Diffuser: Toughed Glass
- ✓ Outstanding Temp: -20~50°C
- ✓ Delivered Lumen Output: 140lm/W
- ✓ Color Render Index > 80
- ✓ Power Factor > 0.9



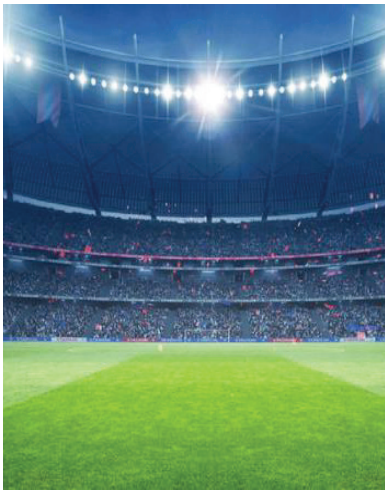


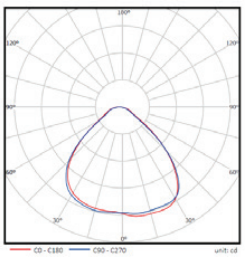
Model Selection

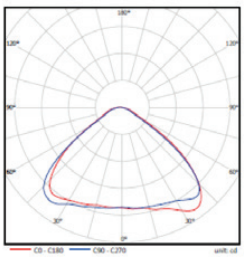
Model No.	Wattage	Lumen	Dimension (mm)DxH
HM01-300	300 W	42000 lm	460x212
HM01-400	400 W	56000 lm	460x212
HM01-500	500 W	70000 lm	460x212
HM01-600	600 W	84000 lm	460x212
HM01-720	720 W	100800 lm	460x212

Selectable Options

CCT	Beam Angle	Body Color
4000K	90°	Black
5000K	110°	
6500K		







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FRATER®
SPAIN SINCE 1999

IEC60598 LM79 / LM80 COMPLIANCE | Glowing Wire Test - 850°C | SDCM ≤3 | CE COMPLIANCE | RoHS

Flood Light Intense

- IP66
- Class I
- AC220-240V
- Surface Mounted
- Highly recyclable
- 7 Years Warranty
- Dimming Options

Product Features:

- ✓ High performance thermal management design ensuring low LED junction temperature
- ✓ High brightness, stable performance and long life span
- ✓ Instant start, no flickering and ideal for frequent switching
- ✓ Energy savings up to 50%
- ✓ Anti rusting sturdy stainless steel screws
- ✓ Rated lifetime: 70,000 hours
- ✓ 7 Years Warranty

Product Specifications:

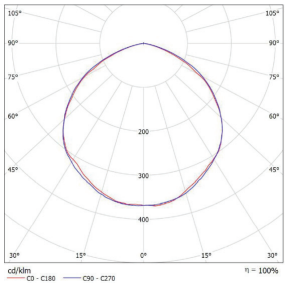
- ✓ Housing: Die-Cast Aluminum
- ✓ Diffuser: Protective Glass
- ✓ Outstanding Temp: -40~50°C
- ✓ Delivered Lumen Output: 140lm/W
- ✓ Color Render Index > 70
- ✓ Power Factor > 0.9

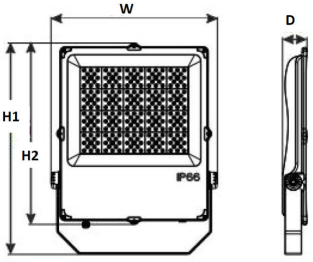
Model Selection

Model No.	Wattage	Lumen	lm/W	Dimension(mm) WxH1xH2xD
FLPI-100	100 W	18000 lm	180	278x396x300x52
FLPI-150	150 W	27000 lm	180	392x394x325x57
FLPI-200	200 W	36000 lm	180	392x445x376x57
FLPI-300	300 W	54000 lm	180	392x497x427x59
FLPI-400	400 W	72000 lm	180	545x524x447x65

Selectable Options

CCT	Beam Angle	Body Color
4000K	30°	Black
5700K	60°	
6000K	90°	
6500K	120°	





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FRATER®
SPAIN SINCE 1999

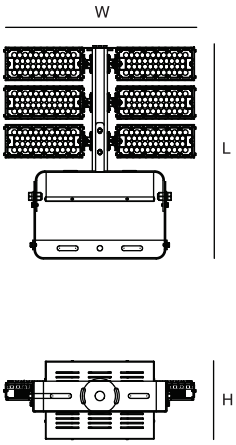
IEC60598 LM79 / LM80 COMPLIANCE | Glowing Wire Test - 850°C | SDCM <3 | CE COMPLIANCE | RoHS

High Mast Light Rhaegal

- IP65
- Class I
- AC220-240V
- Surface Mounted
- Highly recyclable
- 50K hours
- Dimming Options

Product Features:

- ✓ Designed for very high wattages with exceptional efficiency, providing powerful and energy efficient lighting solutions.
- ✓ LED modules are precisely adjusted to ensure optimal light distribution, maximizing coverage and uniformity.
- ✓ Engineered for straightforward installation and precise aiming, reducing stepup time and enhancing user convenience.
- ✓ Built to withstand harsh environments with robust materials, ensuring long-lasting performance and reliability under challenging conditions.
- ✓ Extended Durability with a Lifespan of Up to 50,000 Hours L80.



Product Specifications:

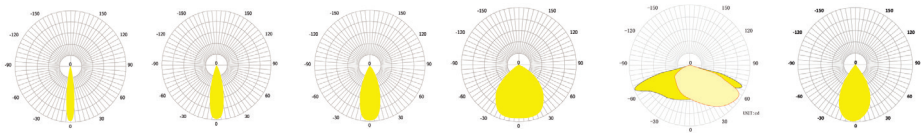
- ✓ Housing: Marine Grade Aluminum
- ✓ Diffuser: Lens
- ✓ Outstanding Temp: -30~50°C
- ✓ Delivered Lumen Output: 175lm/W
- ✓ Color Render Index > 80
- ✓ Power Factor > 0.9

Model Selection

Model No.	Wattage	Lumen	Dimension (mm)LxWxH
HMRG-600	600 W	105000 lm	723x694x268
HMRG-720	720 W	122400 lm	723x694x268
HMRG-800	800 W	140000 lm	855x694x268
HMRG-960	960 W	163000 lm	855x694x268
HMRG-1000	1000 W	175000 lm	987x694x268
HMRG-1200	1200 W	204000 lm	987x694x268
HMRG-1440	1440 W	244800 lm	1119x694x268

Selectable Options

CCT	Beam Angle	Body Color
3000K	10°	Black
4000K	20°	Silver
5000K	40°	Grey
5700K	60°	
	90°	
	140x100°	
	135x60°	



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FRATER®
SPAIN SINCE 1999

Solar Flood Light SFL1

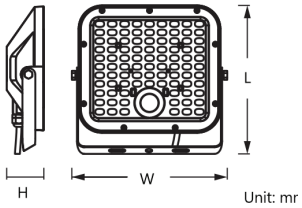
- IP65
- Surface Mounted
- Highly Recylable
- 50K Hours
- 4-6 Hours Charging Time
- Lighting Control Sensor

Product Features:

- ✓ Equiped with LifePO4 Battery
- ✓ Lighting area up to 150sqm
- ✓ Up to 3 years warranty
- ✓ Up to 60 hours running time according to different modes
- ✓ 5 meters cable
- ✓ 360 degree adjustable flood light bracket
- ✓ 270 degree adjustable solar panel bracket
- ✓ 4 to 6 hours for full charge

Product Specifications:

- ✓ Housing: ABS fireproof
- ✓ Diffuser: PC anti-UV fireproof
- ✓ Outstanding Working Temp: -20 to +50°C
- ✓ Delivered Lumen Output: 160lm/W
- ✓ Color Render Index > 80

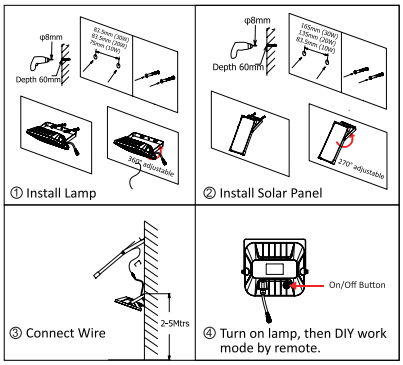


Model Selection

Model No.	Wattage	Lumen	Battery	Solar Panel Wattage	Product Dimension (mm)LxWxH
SFL-010	10 W	1500 lm	Li-ion3.7V, 3600mAh	4.5 W	180x182x50
SFL-020	20 W	2800 lm	Li-ion3.7V, 7200mAh	10.5 W	180x182x50
SFL-030	30 W	4800 lm	Li-ion3.7V, 6000mAh	12.5 W	180x182x50

Selectable Options

CCT	Beam Angle	Body Color
3000K	120°	Black
4000K		
6500K		



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FRATER®
SPAIN SINCE 1999

Flood Light FL18 - RGB

- IP66
- Class I
- AC 220V
- Surface Mounted Luminaire
- Highly recyclable
- 50k Hours Lifetime

Product Features:

- ✓ Crafted with high-quality materials to withstand outdoor elements, ensuring longevity and resilience.
- ✓ Creates an attractive and stylish ambiance on building facades, walls, or outdoor spaces, enhancing the visual appeal of the area.
- ✓ Suitable for a wide range of outdoor applications, incluing architectural lighting, accentuating building features, and illuminating walkways.
- ✓ Sleek and Space-Saving Structure.
- ✓ Extended Durability with a Lifespan of Up to 50,000 Hours L80

Product Specifications:

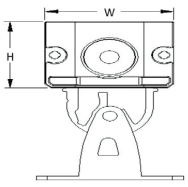
- ✓ Housing: Die-Cast Aluminum Body
- ✓ Diffuser: Clear Tempered Glass
- ✓ Outstanding Temp: 0~50°C
- ✓ Color Render Index > 80

Model Selection

Model No.	Wattage	Lumen	Dimension (mm)LxWxH
FL18-120	120 W	7200 lm	595x145x95

Selectable Options

CCT	Beam Angle	Body Color
RGBW	15°	Grey



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FRATER®
SPAIN SINCE 1999

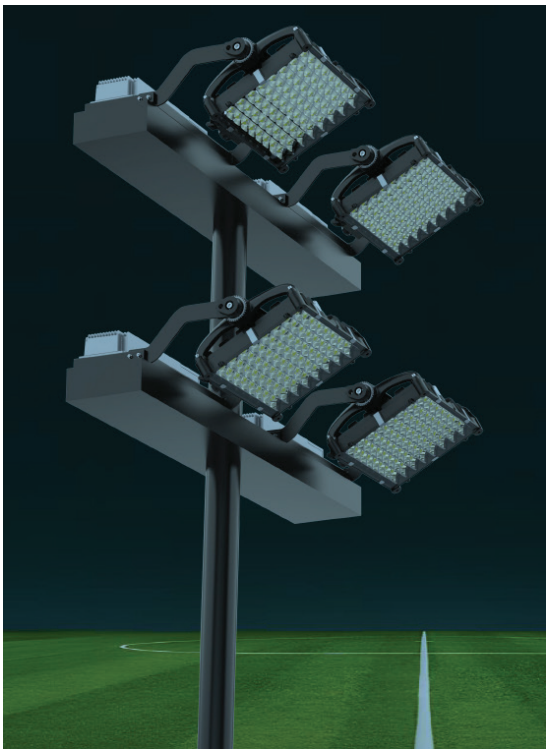
IEC60598 LM79 / LM80 COMPLIANCE | Glowing Wire Test - 850°C | SDCM <3 | CE COMPLIANCE | RoHS

Flood Light Reflejo Series

- IP67, IK10
- Class I
- AC100-240V, 50/60Hz
- Pole Mounted
- Highly recyclable
- 50K hours
- Dimming - Optional

Product Features:

- ✓ The Reflejo series floodlight incorporates a unique patented indirect and reflected PC lens design with an anti-glare optical system, precisely controlling light distribution and minimizing glare.
- ✓ The high-transmittance, indirect polycarbonate lens ensures excellent visual comfort and delivers a high luminous efficacy of 130 lm/W.
- ✓ The luminaire is specifically designed for high-power LED stadium applications, providing uniform illuminance
- ✓ LED modules are precisely adjusted to ensure optimal light distribution, maximizing coverage and uniformity.
- ✓ Built to withstand harsh environments with robust materials, ensuring long-lasting performance and reliability under challenging conditions. Extended Durability with a Lifespan of Up to 50,000 Hours L80.



Product Specifications:

- ✓ Housing: Marine Grade Aluminum
- ✓ Diffuser: Anti Glare PC Lens
- ✓ Outstanding Temp: -30~50°C
- ✓ Delivered Lumen Output: 130lm/W
- ✓ Color Render Index > 70
- ✓ Power Factor > 0.9

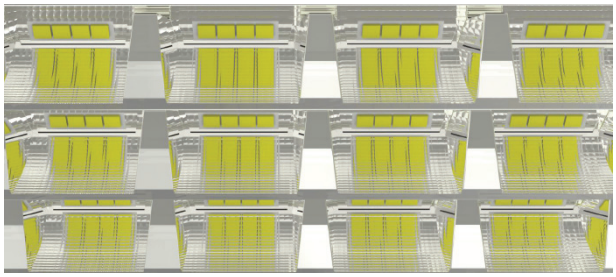
Model Selection

Model No.	Wattage	Lumen	Dimension (mm)LxWxH
FLRE-600	600 W	78000 lm	701x524x186
FLRE-01.2K	1200 W	1156000 lm	1078x537x188

Selectable Options

CCT	Beam Angle	Body Color
4000K	50°	Black
5000K	60°	Grey
5700K		
6500K		

Anti-Glare PC Lens Design:



P60 P50

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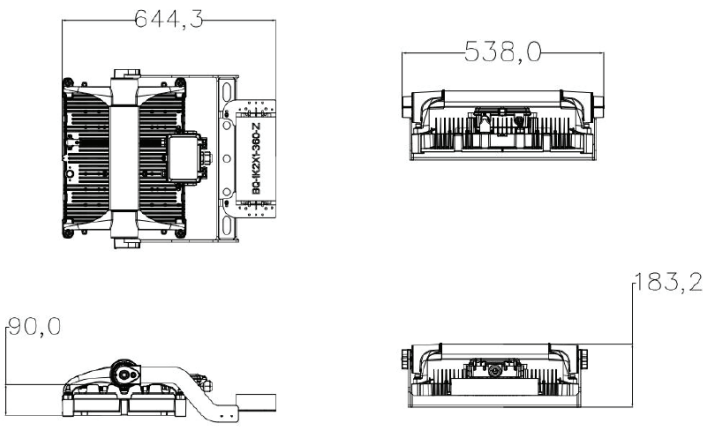
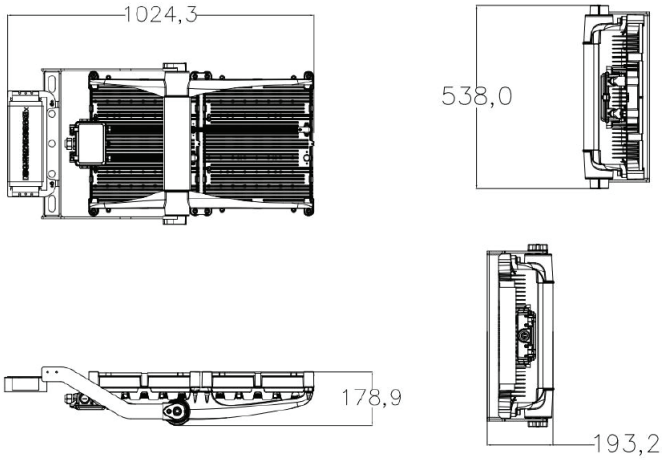
IEC60598 LM79 / LM80 COMPLIANCE | Glowing Wire Test - 850°C | SDCM <3 | CE COMPLIANCE | RoHS

The scale is adjustable in 10° steps, enabling highly precise control of the light beam to suit specific requirements.



600W



1200W

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FRATER®
SPAIN SINCE 1999

IEC60598 LM79 / LM80 COMPLIANCE | Glowing Wire Test - 850°C | SDCM <3 | CE COMPLIANCE | RoHS

Flood Light FL38

IP65

Class I

AC110-240V

Spike/Ground Mounted Luminaire

Highly recyclable

50k Hours Lifetime

Product Features:

- ✓ Crafted with high-quality materials to withstand outdoor elements, ensuring longevity and resilience.
- ✓ Designed for easy installation in various outdoor settings, such as gardens, pathways, or landscapes. Provides powerful and
- ✓ efficient illumination, enhancing visibility and aesthetics in outdoor spaces.
- ✓ Designed for straightforward installation, allowing users to position the light precisely where it's needed.
- ✓ Sleek and Space-Saving Structure.
- ✓ Extended Durability with a Lifespan of Up to 50,000 Hours L80.

Product Specifications:

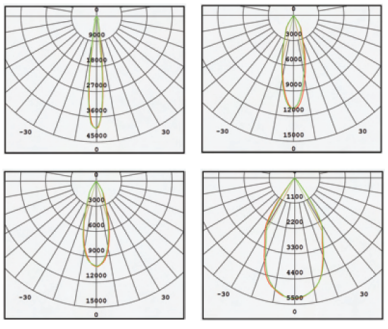
- ✓ Housing: Die-Cast Aluminum Body
- ✓ Diffuser: Clear Tempered Glass
- ✓ Outstanding Working Temp: 0~50°C
- ✓ Delivered Lumen Output: 120lm/W
- ✓ Color Render Index > 80

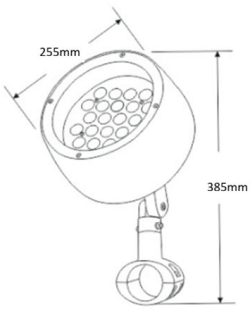
Model Selection

Model No.	Wattage	Lumen	Dimension (mm)DxH
FL38-070	70 W	8400 lm	255x385
FL38-100	100 W	12000 lm	255x385

Selectable Options

CCT	Beam Angle	Housing
3000K	15°	Black
4000K	25°	Grey
6500K	30°	
	60°	





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FRATER®
SPAIN SINCE 1999

Flood Light FL44

IP67

Class I

AC100-277V / 50/60Hz

Surface Mounted Luminaire with light shield option

Highly recyclable

50k Hours Lifetime

Product Features:

- ✓ Provides superior brightness with excellent energy efficiency, ensuring maximum lumen output with minimal power consumption.
- ✓ Offers complete protection against dust ingress and powerful water jets, making it ideal for harsh outdoor environments.
- ✓ Designed with efficient heat dissipation to maintain optimal performance and prolong the lifespan of the LEDs.
- ✓ Suitable for various outdoor lighting needs, including stadiums, building facades, parking lots, and more.
- ✓ Extended Durability with a Lifespan of Up to 50,000 Hours L80.

Product Specifications:

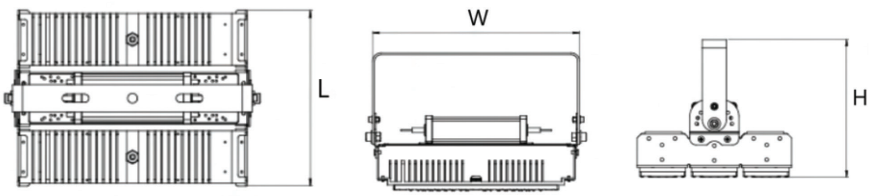
- ✓ Housing: Die-Cast Aluminum
- ✓ Diffuser: PMMA Lens
- ✓ Outstanding Working Temp: -20~50°C
- ✓ Delivered Lumen Output: 150lm/W
- ✓ Color Render Index > 70
- ✓ Power Factor > 0.9

Model Selection

Model No.	Wattage	Lumen	Dimension (mm)LxWxH
FL44-350	350W	52500 lm	405x505x145
FL44-800	800 W	120000 lm	500x505x145

Selectable Options

CCT	Beam Angle	Housing
3000K	90°	Black
4000K		
6500K		



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HIGHBAY LIGHT

FRATER®
SPAIN SINCE 1999

IEC60598 LM79 / LM80 COMPLIANCE | Glowing Wire Test - 850°C | SDCM <3 | CE COMPLIANCE | RoHS

HighBay Light Diamond

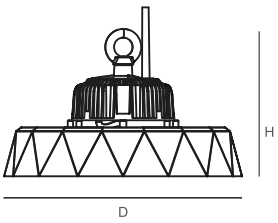
- IP65
- Class I
- AC220-240V
- Suspended
- Highly recyclable
- 50K hours
- Dimming Options

Product Features:

- ✓ Product design ensures protection against water and dust ingress, making it suitable for outdoor and indoor use in various weather conditions.
- ✓ Offers excellent energy efficiency with a luminous efficacy of 140 lumens per watt (lm/W), ensuring bright and unifrom lighting while minimizing energy consumption
- ✓ Constructed with high-quality die-cast aluminum housing, providing robustness and durability to withstrand harsh industrial environments, ensuring longterm reliability and performance.
- ✓ Ideal for illuminating large industrial spaces such as warehouses, manufacturing facilities, gymnasiums, and hangars, providing efficient and effective lighting solutions for various industrial environmnents.
- ✓ Extended Durability with a Lifespan of Up to 50,000 Hours L80.

Product Specifications:

- ✓ Housing: Die-Cast Aluminum
- ✓ Diffuser: Clear polycarbonate
- ✓ Outstanding Temp: -30~50°C
- ✓ Delivered Lumen Output: 140lm/W
- ✓ Color Render Index > 70
- ✓ Power Factor > 0.95

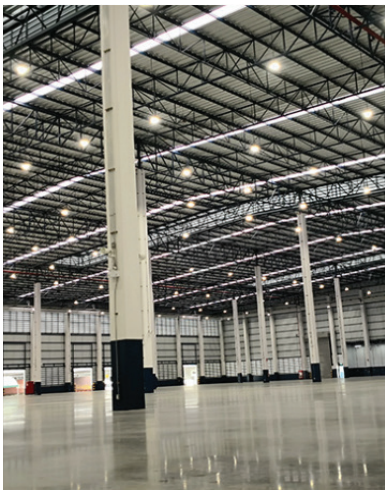


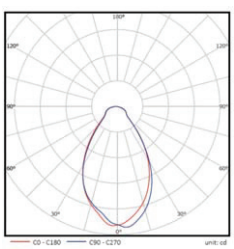
Model Selection

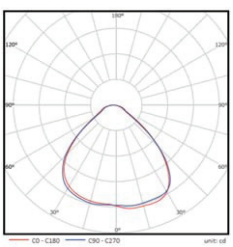
Model No.	Wattage	Lumen	Dimension (mm)DxH
HBDM-050	50 W	7000 lm	ø262x176
HBDM-100	100 W	14000 lm	ø262x176
HBDM-150	150 W	21000 lm	ø301x175
HBDM-200	200 W	28000 lm	ø350x175
HBDM-240	240 W	33600 lm	ø350x175

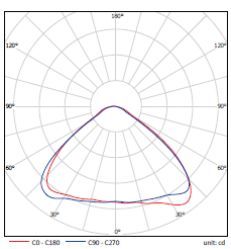
Selectable Options

CCT	Beam Angle	Body Color
4000K	60°	Black
6000K	90°	
	120°	









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SPAIN SINCE 1999

IEC60598 LM79 / LM80 COMPLIANCE | Glowing Wire Test - 850°C | SDCM ≤3 | CE COMPLIANCE | RoHS

HighBay Light HB22

- IP65
- Class I
- AC220-240V
- Suspended
- Highly recyclable
- 50K hours

Product Features:

- ✓ Product design ensures protection against water and dust ingress, making it suitable for outdoor and indoor use in various weather conditions.
- ✓ Offers excellent energy efficiency with a luminous efficacy of 140 lumens per watt (lm/W), ensuring bright and unifrom lighting while minimizing energy consumption
- ✓ Constructed with high-quality die-cast aluminum housing, providing robustness and durability to withstrand harsh industrial environments, ensuring longterm reliability and performance.
- ✓ Ideal for illuminating large industrial spaces such as warehouses, manufacturing facilities, gymnasiums, and hangars, providing efficient and effective lighting solutions for various industrial environmnents.
- ✓ Extended Durability with a Lifespan of Up to 50,000 Hours L80.

Product Specifications:

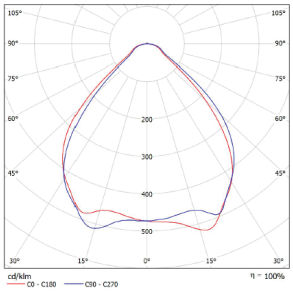
- ✓ Housing: Die-Cast Aluminum
- ✓ Diffuser: Clear polycarbonate
- ✓ Outstanding Temp: -25~50°C
- ✓ Delivered Lumen Output: 140lm/W
- ✓ Color Render Index > 70
- ✓ Power Factor > 0.9

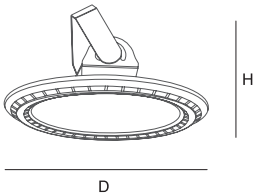
Model Selection

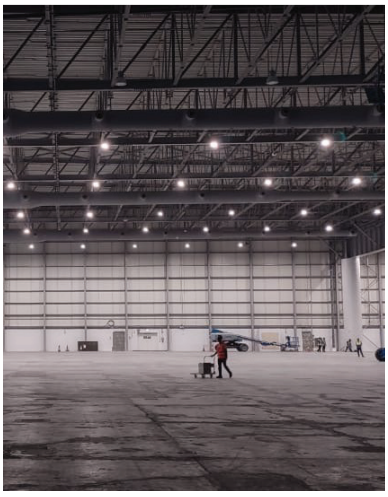
Model No.	Wattage	Lumen	Dimension (mm)DxH
HB22-050	50 W	7000 lm	ø255x160
HB22-100	100 W	14000 lm	ø320x160
HB22-150	150 W	21000 lm	ø360x165
HB22-200	200 W	28000 lm	ø400x180

Selectable Options

CCT	Beam Angle	Body Color
3000K	90°	Black
4000K		
6000K		







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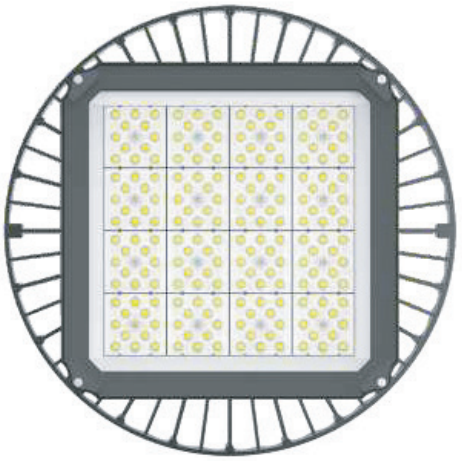
FRATER®
SPAIN SINCE 1999

IEC60598 LM79 / LM80 COMPLIANCE | Glowing Wire Test - 850°C | SDCM <3 | CE COMPLIANCE | RoHS

HighBay Light HB20

- IP65
- Class I
- AC100-277V
- Bracket Suspended
- Highly recyclable
- 50k Hours
- Dimming Options



Product Features:

- ✓ Product design ensures protection against water and dust ingress, making it suitable for outdoor and indoor use in various weather conditions.
- ✓ Offers excellent energy efficiency with a luminous efficacy of 130 lumens per watt (lm/W), ensuring bright and uniform lighting while minmizing energy consumption.
- ✓ Constructed with high-quality die-cast aluminum housing, providing
- ✓ robustness and durability to withstand harsh industrial environments, ensuring long-term reliability and performance.
- ✓ Ideal for illuminating large industrial spaces such as warehouses, manufacturing facilities, gymnasiums, and hangars, providing efficient and effective lighting solutions for various industrial environments
- ✓ Extended Durability with a Lifespan of Up to 50,000 Hours L80

Product Specifications:

- ✓ Housing: Die Cast Aluminum
- ✓ Diffuser: Toughened Glass Ambient
- ✓ Temperature: -30~50°C
- ✓ Color Render Index > 70
- ✓ Power Factor > 0.95

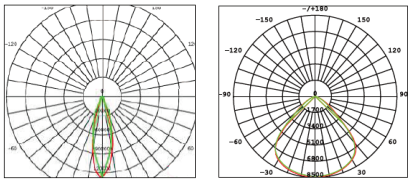
Model Selection

Model No.	Wattage	Lumen	Dimension (mm)AxB
HB20-125	125 W	21875 lm	362x140
HB20-135	135 W	23625 lm	362x140

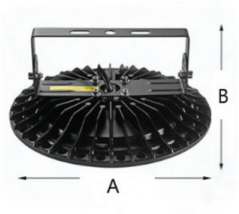
Selectable Options

CCT	Beam Angle	Housing
4000K	30°	Black
6500K	90°	

Light Distribution



Dimensions



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IEC60598 LM79 / LM80 COMPLIANCE | Glowing Wire Test - 850°C | SDCM <3 | CE COMPLIANCE | RoHS

HighBay Light HB25

- IP65
- Class I
- AC220-240V
- Suspended
- Highly recyclable
- 50k Hours Optional
- Dimming Options

Product Features:

- ✓ Product design ensures protection against water and dust ingress, making it suitable for outdoor and indoor use in various weather conditions.
- ✓ Constructed with high-quality die-cast aluminum housing, providing robustness and durability to withstand harsh industrial environments, ensuring long-term reliability and performance.
- ✓ Ideal for illuminating large industrial spaces such as warehouses, manufacturing facilities, gymnasiums, and hangars, providing efficient and effective lighting solutions for various industrial environments
- ✓ Extended Durability with a Lifespan of Up to 50,000 Hours L80

Product Specifications:

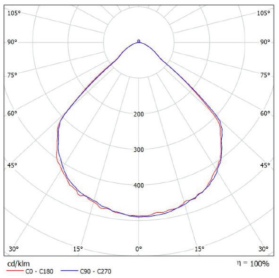
- ✓ Housing: Die-Cast Aluminum Body
- ✓ Diffuser : Toughened Glass
- ✓ Ambient Temperature:-20˚C to +50˚C
- ✓ Delivered Lumen output: 120lm/W
- ✓ Color Render Index > 80

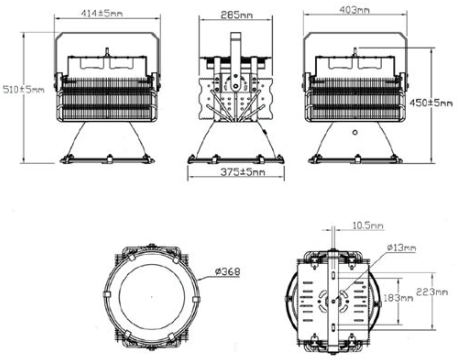
Model Selection

Model No.	Wattage	Lumen	Dimension (mm)LxWxH
HB25-300	300 W	36000 lm	384x397x334
HB25-400	400 W	48000 lm	384x397x334

Selectable Options

CCT	Beam Angle	Housing
4000K	90°	White
5000K		Black
6500K		





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SPAIN SINCE 1999

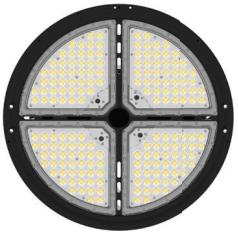
IEC60598 LM79 / LM80 COMPLIANCE | Glowing Wire Test - 850°C | SDCM <3 | CE COMPLIANCE | RoHS

HighBay Light HB26

- IP65
- Class I
- AC220-240V
- Suspended
- Highly recyclable
- 100k Hours Lifetime

Product Features:

- ✓ Product design ensures protection against water and dust ingress, making it suitable for outdoor and indoor use in various weather conditions.
- ✓ Offers excellent energy efficiency with a luminous efficacy of 120 lumens per watt (lm/W), ensuring bright and uniform lighting while minmizing energy consumption.
- ✓ Constructed with high-quality die-cast aluminum housing, providing
- ✓ robustness and durability to withstand harsh industrial environments, ensuring long-term reliability and performance.
- ✓ Ideal for illuminating large industrial spaces such as warehouses, manufacturing facilities, gymnasiums, and hangars, providing efficient and effective lighting solutions for various industrial environments
- ✓ Extended Durability with a Lifespan of Up to 100,000 Hours L80



Product Specifications:

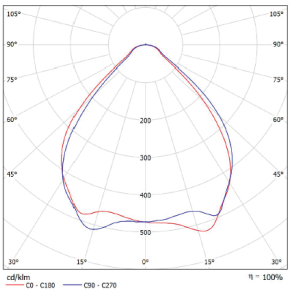
- ✓ Housing: Die-Cast Aluminum Body
- ✓ Diffuser: Clear PC Lens
- ✓ Outstanding Working Temp: 0~50°C
- ✓ Delivered Lumen output: 120lm/W
- ✓ Color Render Index > 70

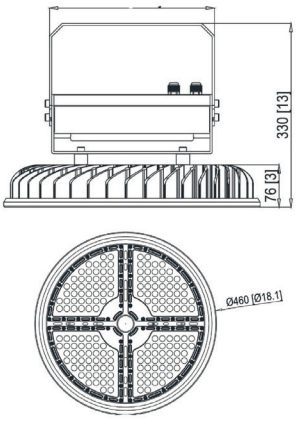
Model Selection

Model No.	Wattage	Lumen	Dimension (mm)DxH
HB26-600	600 W	72000 lm	460x330

Selectable Options

CCT	Beam Angle	Housing
3000K	90°	Black
4000K		
6500K		





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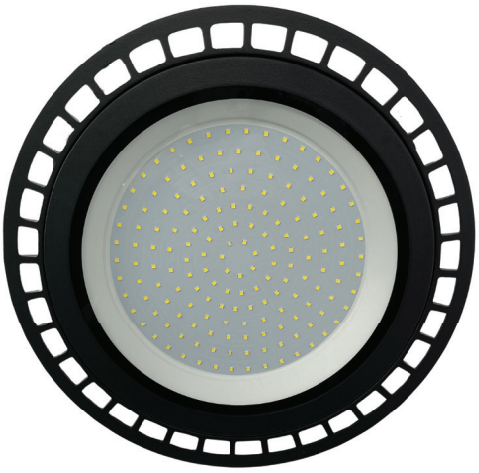
IEC60598 LM79 / LM80 COMPLIANCE | Glowing Wire Test - 850°C | SDCM <3 | CE COMPLIANCE | RoHS

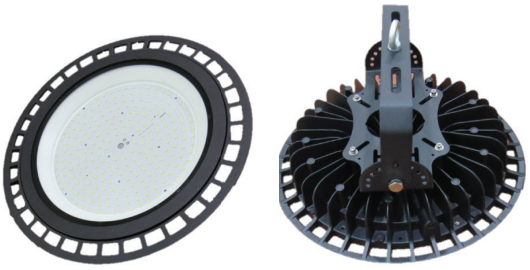
HighBay Light HB55

- IP65
- Class I
- AC220-240V
- Surface Suspended
- Highly recyclable
- 70k Hours Optional
- Dimming Options



Product Features:

- ✓ Product design ensures protection against water and dust ingress, making it suitable for outdoor and indoor use in various weather conditions.
- ✓ Offers excellent energy efficiency with a luminous efficacy of 140 lumens per watt (lm/W), ensuring bright and uniform lighting while minmizing energy consumption.
- ✓ Constructed with high-quality die-cast aluminum housing, providing robustness and durability to withstand harsh industrial environments, ensuring long-term reliability and performance.
- ✓ Ideal for illuminating large industrial spaces such as warehouses, manufacturing facilities, gymnasiums, and hangars, providing efficient and effective lighting solutions for various industrial environments
- ✓ Extended Durability with a Lifespan of Up to 70,000 Hours L80



Product Specifications:

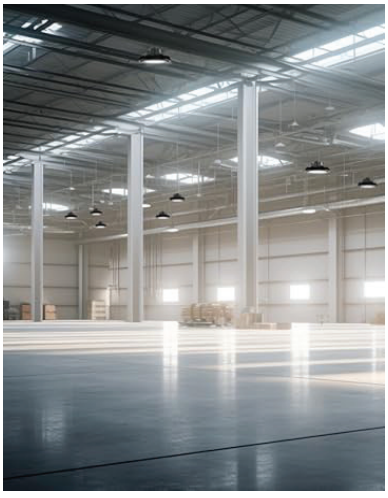
- ✓ Housing: Die Cast Aluminum
- ✓ Diffuser : Toughened Glass
- ✓ Ambient Temperature:-25˚C to +50˚C
- ✓ Color Render Index > 80
- ✓ Power Factor > 0.9

Model Selection

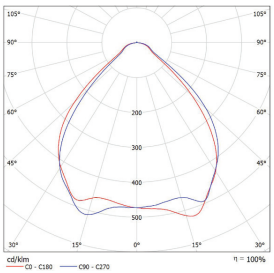
Model No.	Wattage	Lumen	Dimension (mm)AxB
HB55-100	100 W	14000 lm	330x170
HB55-150	150 W	21000 lm	380x170
HB55-200	200 W	28000 lm	380x170

Selectable Options

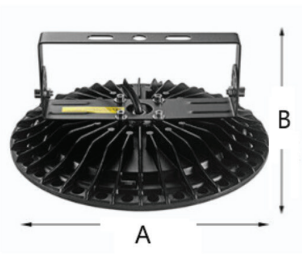
CCT	Beam Angle	Housing
4000K	90°	White
6500K	120°	



Light Distribution



Dimensions



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HighBay Light HBV1 - Vibration Proof

- IP65
- Class I
- AC220-240V
- Suspended
- Highly recyclable
- 50k Hours
- Dimming Options

Product Features:

- ✓ Product design ensures protection against water and dust ingress, making it suitable for outdoor and indoor use in various weather conditions.
- ✓ Offers excellent energy efficiency with a luminous efficacy of 140 lumens per watt (lm/W), ensuring bright and uniform lighting while minmizing energy consumption.
- ✓ Constructed with high-quality die-cast aluminum housing, providing robustness and durability to withstand harsh industrial environments, ensuring long-term reliability and performance.
- ✓ Vibration-proof to ensure consistent performance in demanding environments
- ✓ Extended Durability with a Lifespan of Up to 50,000 Hours L80

Product Specifications:

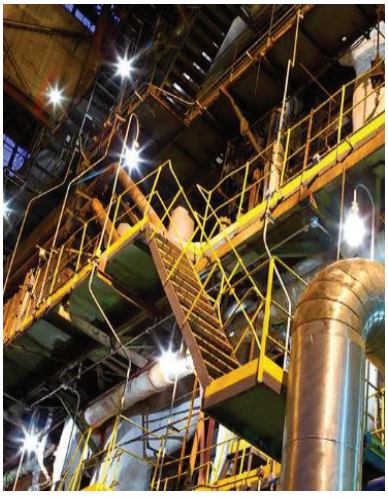
- ✓ Housing: Die-Cast Aluminum Body
- ✓ Diffuser: Clear PC Lens
- ✓ Outstanding Working Temp: 0~50°C
- ✓ Delivered Lumen output: 140lm/W
- ✓ Color Render Index > 70

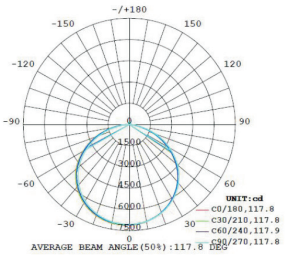
Model Selection

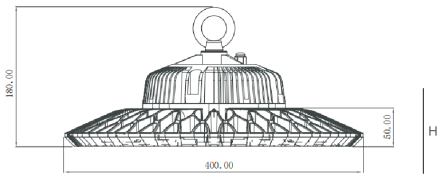
Model No.	Wattage	Lumen	Dimension (mm)DxH
HBV1-100	100 W	14000 lm	⌀280x150
HBV1-150	150 W	21000 lm	⌀340x165
HBV1-200	200 W	28000 lm	⌀400x165
HBV1-240	240 W	33600 lm	⌀400x165

Selectable Options

CCT	Beam Angle	Housing
3000K	60°	Black
4000K	90°	
6500K	120°	







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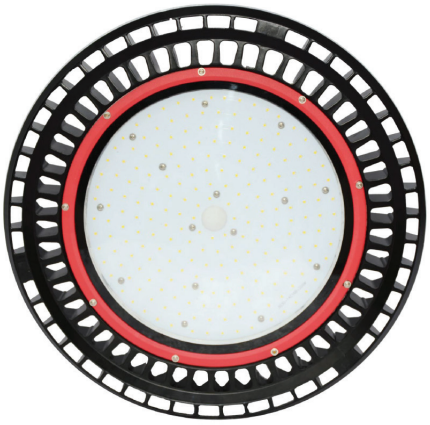
HighBay Light HB28 - Marine Grade



- IP66 / IK08
- Class I
- AC100-240V
- Suspended
- Highly recyclable
- 50k Hours Optional
- Anti Corrosion Coating

Product Features:

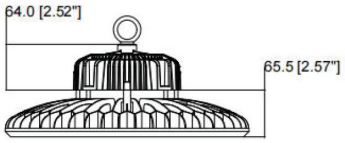
- ✓ The LED highbay delivering top of the line efficiency and versatility that a truly optimized approach to each application.
- ✓ High thermal conductivity, low light decay, solid color light, no ghosting, no glare. The LED highbay is easy to install and has a long life, making it perfect for indoor and outdoor areas.
- ✓ Heavy duty Die-Cast Aluminum housing with advanced thermal transmission ensures the best performance of heat dissipation
- ✓ With the high efficiency performance, along with our professional grade lens design, this light can consistently provide up to 150lm/w efficiency.
- ✓ IP66 rated waterproof, dust-proof, quake-proof, anti-corrosion for harsh environment. Suitable for boats, watercraft, used as fishing light, stair lights, utility, marine lights, deck lights, ect.
- ✓ Extended Durability with a Lifespan of Up to 50,000 Hours L80
- ✓ Equipped with OSRAM LED Chips

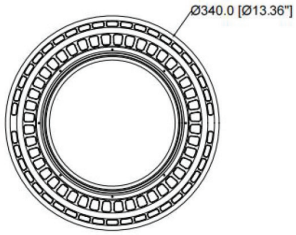
Product Specifications:

- ✓ Housing: Die Cast Aluminum
- ✓ Diffuser : Tempered Glass
- ✓ Ambient Temperature:-30~50˚C
- ✓ Delivered Lumen Output: 150lm/W
- ✓ Color Render Index > 70

Model Selection

Model No.	Wattage	Lumen	Dimension (mm)DxH
HB28-150	150 W	22500 lm	340X129.5





Selectable Options

CCT	Beam Angle	Housing
3000K	120°	Black
4000K		Grey
6500K		White

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SPAIN SINCE 1999

HighBay Light HB28 - Marine Grade

ELECTRICAL SYSTEM

- ✓ Input voltage: 100-240V, 50/60Hz, class 1 dividers
- ✓ Power Factor: > 0.9 at full load
- ✓ Total Harmonic Distortion: <20% at full load
- ✓ Integral 10kV surge suppression protection standard
- ✓ Dimmable: 1-10V dimming Optional
- ✓ When code dictates fusing, a slow blow fuse or type C/D breaker shoule be used to address inrush current.
- ✓ 10V source Current: 0.15mA

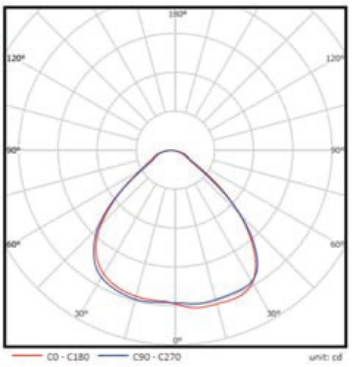
ANTI MARINE COATING

- ✓ Polyester based powder coatings designed for the exterior environment.
- ✓ Offering very good light and weather resistance.
- ✓ Pass-800 hours Neutral Salt Spray, creep less than 2mm from scribe as per ISO 9227

Electrical Data*				
NOMINAL POWER(W)	System Watts 120-240V	Total current (A)		
		120V	208V	240V
Max 1.5A				
150W	150W	0.89	0.54	0.51

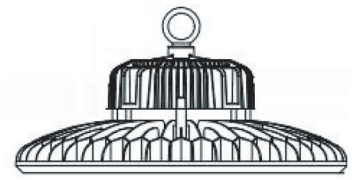
*Electrical data 25°C (77°F). Actual Wattage may differ by +/- 10% when operating between 120-240V+/- 10%

PHOTOMETRY



INSTALLATION

Suspended



120° Distribution*		
NOMINAL POWER(W)	5700K	
	Initial Delivered Lumens*	BUG Ratings** Per 120 Degree
Max 1.5A		
150W	22500 Lumen	B4 U3 G1

Package Informations			
Type	N.W/Pcs	G.W/Ctn	Cartoon Size
HB26	3.5Kg	4.1Kg	360x360x170mm

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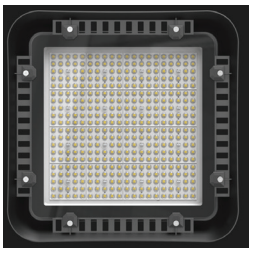
HighBay Light HB Square

- IP65
- Class I
- AC220-240V
- Suspended
- Highly recyclable
- 30k / 50k Hours Optional
- Dimming Options

Product Features:

- ✓ High performance thermal management design ensuring low LED junction temperature.
- ✓ High brightness, stable performance and long life span. Instant start, no flickering and ideal for frquent switching.
- ✓ Energy savings up to 60%.
- ✓ Anti rusting sturdy stainless steel screws.
- ✓ Rated lifetime 50,000 Hours.



Product Specifications:

- ✓ Housing: Die Cast Aluminum
- ✓ Diffuser : Toughened Glass
- ✓ Ambient Temperature:-25˚C to +50˚C
- ✓ Color Render Index >80
- ✓ Power Factor >0.9

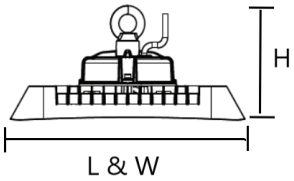
Model Selection

Model No.	Wattage	Lumen	Dimension (mm)LxWxH
HBSQ-100	100 W	14000 lm	263x263x141
HBSQ-150	150 W	21000 lm	314x314x141
HBSQ-200	200 W	28000 lm	314x314x141

Selectable Options

CCT	Beam Angle	Housing
4000K	60˚	Black
6500K	90˚	
	120˚	

Dimensions



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IEC60598 LM79 / LM80 COMPLIANCE | Glowing Wire Test - 850°C | SDCM <3 | CE COMPLIANCE | RoHS

Linear HighBay LH01

- IP65
- Class I
- AC220-240V
- L-Shape Bracket Ceiling / Suspended
- Highly recyclable
- 50k Hours

Product Features:

- ✓ Product design ensures protection against water and dust ingress, making it suitable for outdoor and indoor use in various weather conditions.
- ✓ Offers excellent energy efficiency with a luminous efficacy of 130 lumens per watt (lm/W), ensuring bright and uniform lighting while minmizing energy consumption.
- ✓ Constructed with high-quality die-cast aluminum housing, providing
- ✓ robustness and durability to withstand harsh industrial environments, ensuring long-term reliability and performance.
- ✓ Ideal for illuminating large industrial spaces such as warehouses, manufacturing facilities, gymnasiums, and hangars, providing efficient and effective lighting solutions for various industrial environments
- ✓ Extended Durability with a Lifespan of Up to 50,000 Hours L80

Product Specifications:

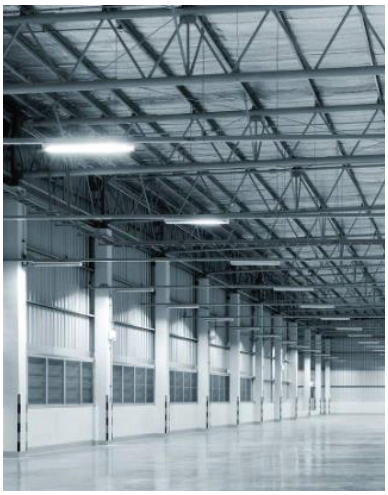
- ✓ Housing: Aluminum Body
- ✓ Diffuser: Clear PC Lens
- ✓ Outstanding Working Temp: 0~50°C
- ✓ Delivered Lumen output: 130lm/W
- ✓ Color Render Index > 80

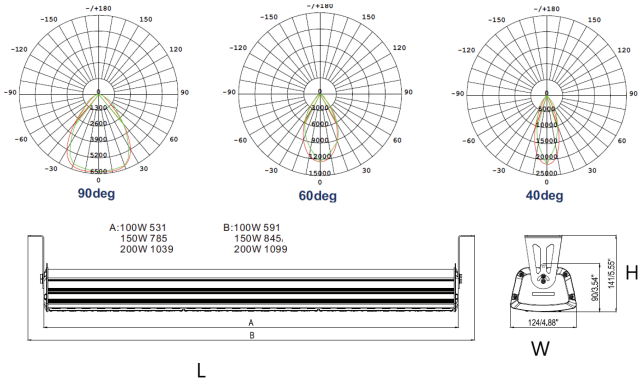
Model Selection

Model No.	Wattage	Lumen	Dimension (mm)LxWxH
LH01-100	100 W	13000 lm	531x124x141
LH01-150	150 W	19500 lm	785x124x141
LH01-200	200 W	26000 lm	1040x124x141
LH01-300	300 W	39000 lm	785x264x164

Selectable Options

CCT	Beam Angle	Housing
3000K	40°	Black
4000K	60°	Silver
6500K	90°	





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FRATER®
SPAIN SINCE 1999

IEC60598 LM79 / LM80 COMPLIANCE | Glowing Wire Test - 850°C | SDCM <3 | CE COMPLIANCE | RoHS

Linear HighBay LH02

- IP65
- Class I
- AC220-240V
- Bracket Ceiling
- Highly recyclable
- 50k Hours

Product Features:

- ✓ Product design ensures protection against water and dust ingress, making it suitable for outdoor and indoor use in various weather conditions.
- ✓ Offers excellent energy efficiency with a luminous efficacy of 170 lumens per watt (lm/W), ensuring bright and uniform lighting while minmizing energy consumption.
- ✓ Constructed with high-quality die-cast aluminum housing, providing robustness and durability to withstand harsh industrial environments, ensuring long-term reliability and performance.
- ✓ Ideal for illuminating large industrial spaces such as warehouses, manufacturing facilities, gymnasiums, and hangars, providing efficient and effective lighting solutions for various industrial environments
- ✓ Extended Durability with a Lifespan of Up to 50,000 Hours L80

Product Specifications:

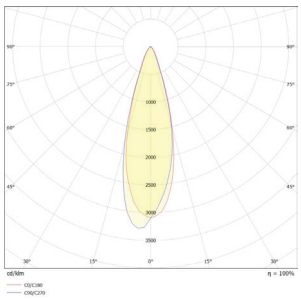
- ✓ Housing: Aluminum Body Diffuser
- ✓ Diffuser: Clear PC Lens
- ✓ Outstanding Working Temp: -30~50°C
- ✓ Delivered Lumen output: 170lm/W
- ✓ Color Render Index > 70

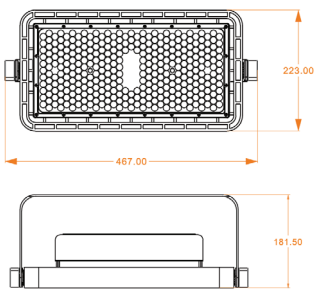
Model Selection

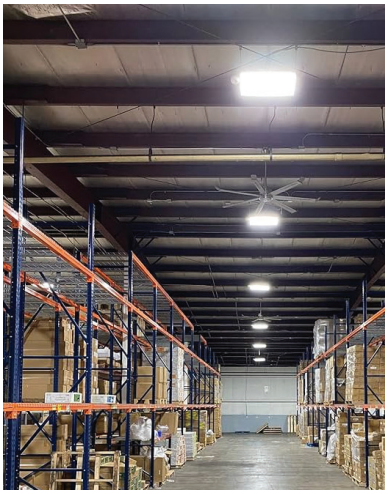
Model No.	Wattage	Lumen	Dimension (mm)LxWxH
LH02-135	135 W	22950 lm	467x223x181.5

Selectable Options

CCT	Beam Angle	Housing
3000K	30°	Grey
4000K	60°	Black
6500K	90°	







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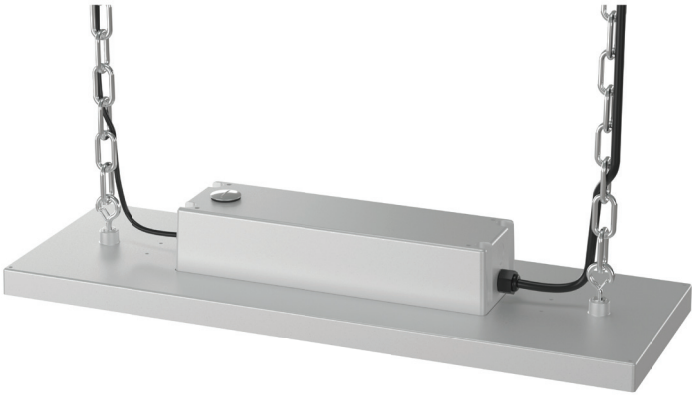
IEC60598 LM79 / LM80 COMPLIANCE | Glowing Wire Test - 850°C | SDCM <3 | CE COMPLIANCE | RoHS

Linear HighBay LH04



- IP65 / IK08
- Class I
- AC100-277V
- Suspended / Optional Bracket
- Highly recyclable
- 50k Hours Optional
- Dimming Options
- Optional Emergency Kits
- Optional Microwave sensor

Product Features:

- ✓ Product design ensures protection against water and dust ingress, making it suitable for outdoor and indoor use in various weather conditions.
- ✓ Offers excellent energy efficiency with a luminous efficacy of 160 lumens per watt (lm/W), ensuring bright and uniform lighting while minmizing energy consumption.
- ✓ Constructed with high-quality die-cast aluminum housing, providing
- ✓ robustness and durability to withstand harsh industrial environments, ensuring long-term reliability and performance.
- ✓ Ideal for illuminating large industrial spaces such as warehouses, manufacturing facilities, gymnasiums, and hangars, providing efficient and effective lighting solutions for various industrial environments
- ✓ Extended Durability with a Lifespan of Up to 50,000 Hours L80

Product Specifications:

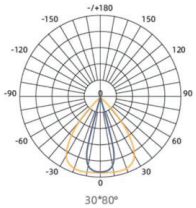
- ✓ Housing: Die-Cast Aluminum Body
- ✓ Diffuser: Clear PC Lens
- ✓ Outstanding Working Temp: -40~50°C
- ✓ Delivered Lumen output: 160lm/W
- ✓ Color Render Index > 70

Model Selection

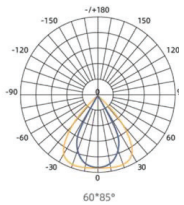
Model No.	Wattage	Lumen	Dimension (mm)LxWxH
LH04-050	50 W	8000 lm	600x200x98
LH04-100	100 W	16000 lm	600x200x98
LH04-150	150 W	24000 lm	600x200x98
LH04-200	200 W	32000 lm	600x200x98

Selectable Options

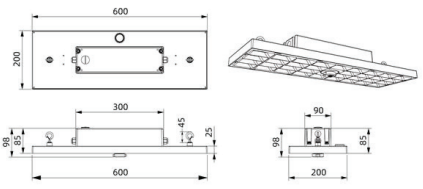
CCT	Beam Angle	Housing
3000K	30x80°	White
4000K	60x85°	
6500K		



30*80°



60*85°



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SPAIN SINCE 1999

IEC60598 LM79 / LM80 COMPLIANCE | Glowing Wire Test - 850°C | SDCM <3 | CE COMPLIANCE | RoHS

Linear HighBay LH05

- IP65 / IK08
- Class I
- AC100-277V
- Suspended / Optional Bracket
- Highly recyclable
- 50k Hours Optional
- Dimming Options
- Optional Emergency Kits
- Microwave sensor - Optional

Product Features:

- ✓ Product design ensures protection against water and dust ingress, making it suitable for outdoor and indoor use in various weather conditions.
- ✓ Offers excellent energy efficiency with a luminous efficacy of 170 lumens per watt (lm/W), ensuring bright and uniform lighting while minmizing energy consumption.
- ✓ Constructed with high-quality die-cast aluminum housing, providing
- ✓ robustness and durability to withstand harsh industrial environments, ensuring long-term reliability and performance.
- ✓ Ideal for illuminating large industrial spaces such as warehouses, manufacturing facilities, gymnasiums, and hangars, providing efficient and effective lighting solutions for various industrial environments
- ✓ Extended Durability with a Lifespan of Up to 50,000 Hours L80

Product Specifications:

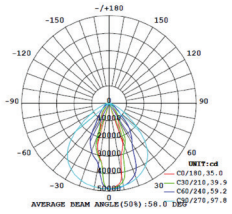
- ✓ Housing: Die-Cast Aluminum Body
- ✓ Diffuser: Clear PC Lens
- ✓ Outstanding Working Temp: -30~50°C
- ✓ Delivered Lumen output: 170lm/W
- ✓ Color Render Index > 70

Model Selection

Model No.	Wattage	Lumen	Dimension (mm)LxWxH
LH05-240	240 W	40800 lm	480x288x66

Options: CCT, Finish & Beam Angle

CCT	Beam Angle	Housing
3000K	20x100°	White
4000K	45x100°	
6500K	60/ 90	



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SPAIN SINCE 1999

IEC60598 LM79 / LM80 COMPLIANCE | Glowing Wire Test - 850°C | SDCM <3 | CE COMPLIANCE | RoHS

Linear HighBay LH06

- IP65
- Class I
- AC100-240V
- Suspended
- Highly recyclable
- 50k Hours

Product Features:

- ✓ Product design ensures protection against water and dust ingress, making it suitable for outdoor and indoor use in various weather conditions.
- ✓ Offers excellent energy efficiency with a luminous efficacy of 170 lumens per watt (lm/W), ensuring bright and uniform lighting while minmizing energy consumption.
- ✓ Constructed with high-quality die-cast aluminum housing, providing
- ✓ robustness and durability to withstand harsh industrial environments, ensuring long-term reliability and performance.
- ✓ Ideal for illuminating large industrial spaces such as warehouses, manufacturing facilities, gymnasiums, and hangars, providing efficient and effective lighting solutions for various industrial environments
- ✓ Extended Durability with a Lifespan of Up to 50,000 Hours L80

Product Specifications:

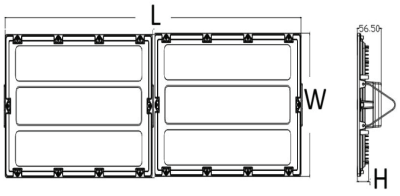
- ✓ Housing: Aluminum Body
- ✓ Diffuser: Clear PC Lens
- ✓ Outstanding Working Temp: -30~50°C
- ✓ Delivered Lumen output: 170lm/W
- ✓ Color Render Index > 70

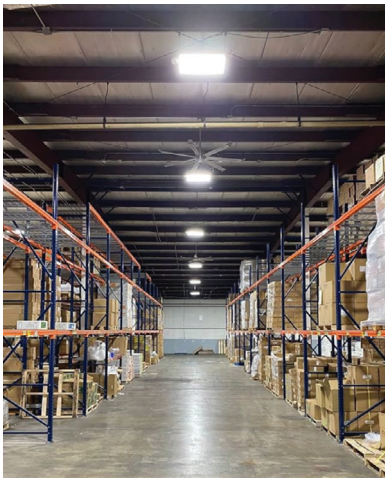
Model Selection

Model No.	Wattage	Lumen	Dimension (mm)LxWxH
LH06-420	420 W	71,400 lm	972x276x26.5

Options:
CCT, Finish & Beam Angle

CCT	Beam Angle	Housing
3000K	120 °	White
4000K		
6500K		





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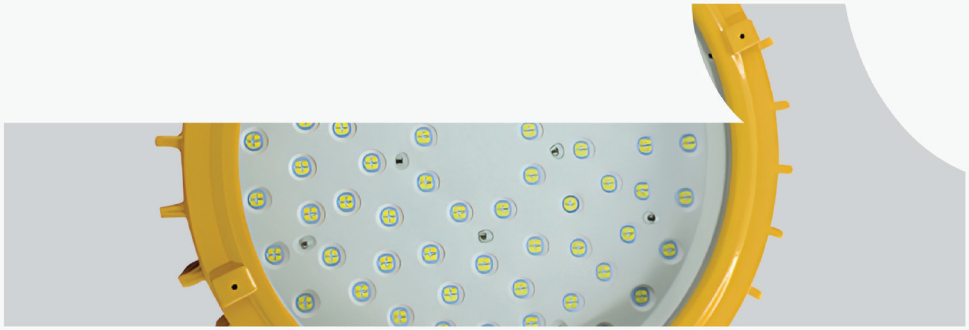
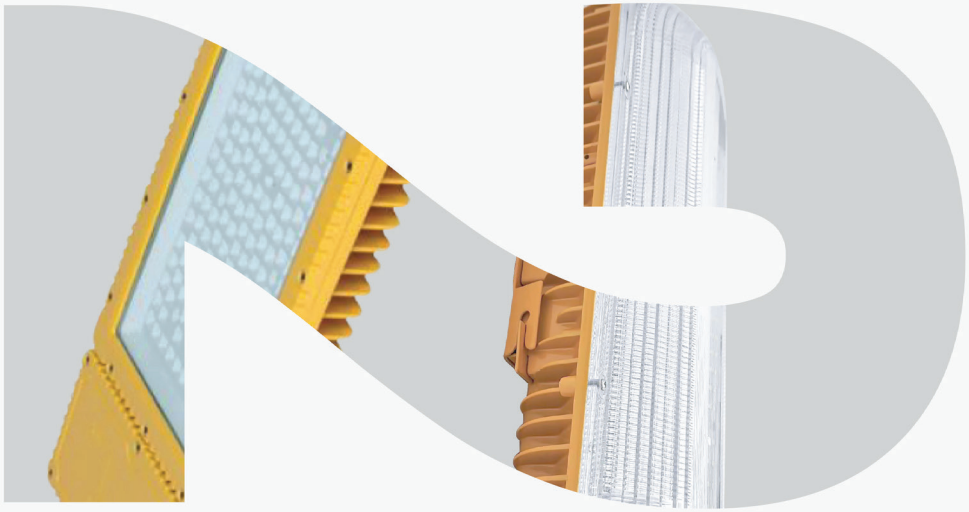




EXPLOSION PROOF LIGHT

FRATER®
SPAIN SINCE 1999

Explosion Proof Light EP02

- IP66
- Class I
- AC220-240 50/60 HZ
- Highly recyclable
- 50K hours lifetime
- EX II 2D Ex tb IIIC T6 Db IP66
  EX II 2G Ex de IIC T5 Gb

Product Features:

- ✓ Polycarbonate + ABS Housing and Polycarbonate diffuser with outstanding impact resistance Anti-Corrison Material
- ✓ Suitable for Zone 1, Zone 2 (Gas) and Zone 21 and 22 (Dust)
- ✓ Multiple installation options: Rod, Chain, Surface/Flange/Mounted
- ✓ High Efficiency LED Chips

Product Specifications:

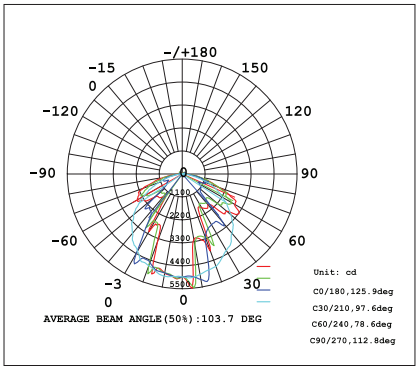
- ✓ Housing: ABS Heatsink
- ✓ Diffuser: PC
- ✓ Ambient Temperature: -40~60°C
- ✓ Delivered Lumen output: 120lm/W
- ✓ Power Factor: > 0.9
- ✓ Color Render Index > 80
- ✓ Weight: 5.2 Kg

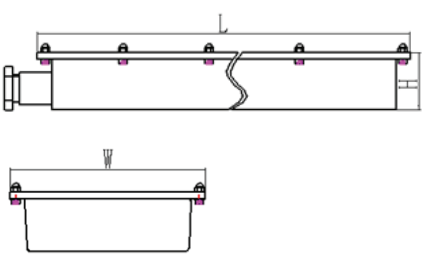
Model Selection

Model No.	Wattage	Lumen	Dimension (mm)LxWxH
EP02	20 W	Up to 2400 lm	690x200x50
	30 W	Up to 3600 lm	690x200x50
	40 W	Up to 4800 lm	690x200x50
	50 W	Up to 6000 lm	1340x200x70
	60 W	Up to 7200 lm	1340x200x70
	75 W	Up to 9000 lm	1340x200x70

Selectable Options

CCT	Beam Angle	Body Color
3000K	110°	White
4000K		
6500K		





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FRATER®
SPAIN SINCE 1999

Explosion Proof Light EP04

- IP66
- Class I
- AC220-240 50/60 HZ
- Highly recyclable
- 50K hours lifetime
- EX II 2D Ex tb IIIC T6 Db IP66
  EX II 2G Ex de IIC T4 Gd

Product Features:

- ✓ Die-Cast Aluminum Housing and Tempered Glass diffuser
- ✓ Heavy-duty and high impact resistance
- ✓ Suitable for Zone 1, Zone 2 (Gas) and Zone 21 and 22 (Dust)
- ✓ Multiple Installation options: Ceiling, Wall and Pole Mounted
- ✓ Optional Emergency LED Driver
- ✓ Optional Aluminum Reflector

Product Specifications:

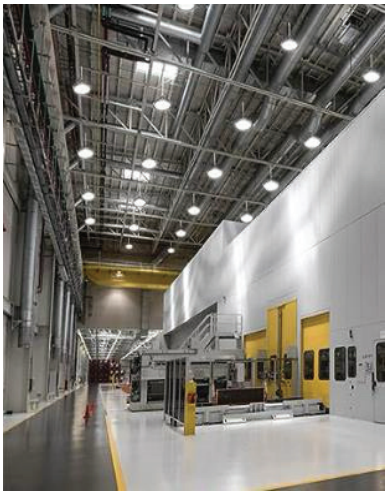
- ✓ Housing: Die-Cast Aluminum
- ✓ Diffuser: Tempered Glass
- ✓ Ambient Temperature: -40~60°C
- ✓ Delivered Lumen output: 130lm/W
- ✓ Power Factor: > 0.9
- ✓ Color Render Index > 80

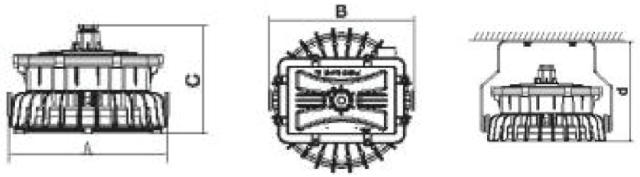
Model Selection

Model No.	Wattage	Lumen	Dimension (mm)AxBxCxD
EP04	80 W	10400 lm	275x280x190x230
	100 W	13000lm	320x330x205x280
	120 W	15600lm	320x330x205x280
	150 W	19500 lm	370x380x215x275
	160 W	20800 lm	370x380x215x275
	200 W	26000 lm	370x380x215x275

Selectable Options

CCT	Beam Angle	Body Color
4000K	120°	Yellow
5000K		
6500K		





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FRATER®
SPAIN SINCE 1999

Explosion Proof Light EP06

- IP66
- Class I
- AC220-240 50/60 HZ
- Highly recyclable
- 50K hours lifetime
- EX II 2D Ex tb IIIC T6 Db IP66
  EX II 2G Ex de IIC T5 Gb

Product Features:

- ✓ Die-Cast Aluminum Housing and PC Lens diffuser
- ✓ Heavy-duty and high impact resistance
- ✓ Suitable for Zone 1, Zone 2 (Gas) and Zone 21 and 22 (Dust)
- ✓ Multiple installation options: Ceiling, Wall and Pole Mounted
- ✓ Optional Emergency LED Driver

Product Specifications:

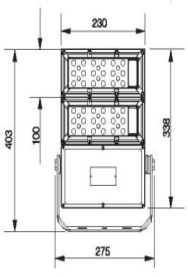
- ✓ Housing: Die-Cast Aluminum
- ✓ Diffuser: PC Lens
- ✓ Ambient Temperature: -40~60°C
- ✓ Delivered Lumen output: 130lm/W
- ✓ Power Factor: > 0.9
- ✓ Color Render Index > 80
- ✓ Weight: 6.7 Kg / 8.3 Kg

Model Selection

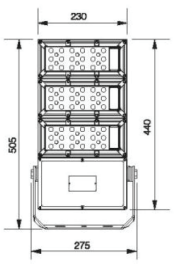
Model No.	Wattage	Lumen	Dimension (mm)LxWxH
EP06	80 W	10400 lm	403x275x65
	100 W	13000 lm	403x275x65
	120 W	15600 lm	403x275x65
	150 W	19500 lm	505x275x65
	200 W	26000 lm	505x275x65

Selectable Options

CCT	Beam Angle	Body Color
3000K	Type III	Yellow
4000K		
6500K		



6.7KG



8.3KG

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FRATER®
SPAIN SINCE 1999

Emergency Explosion Proof Light EP10

IP66 / IK08

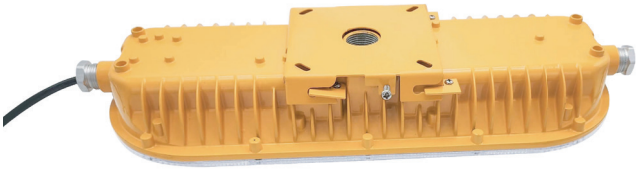
Class I

AC220-240 50/60 HZ

Highly recyclable

50K hours lifetime

EX II 2D Ex tb IIIC T6 Db IP66
EX II 2G Ex de IIC T5 Gb



Product Features:

- ✓ Die-Cast Aluminum Housing and PC Lens diffuser
- ✓ Heavy-duty and high impact resistance
- ✓ High Vibration resistance and durability
- ✓ Suitable for Zone 1, Zone 2 (Gas) and Zone 21 and 22 (Dust)
- ✓ Multiple Installation options: Ceiling, Wall and Pole Mounted
- ✓ Emergency Time 1.5H
- ✓ Warranty: 3 Years
- ✓ Net Weight: 2.7Kg

Product Specifications:

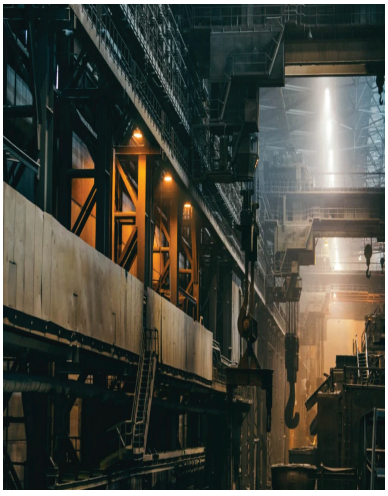
- ✓ Housing: Die-Cast Aluminum
- ✓ Diffuser: PC Diffuser
- ✓ Ambient Temperature: -40~50°C
- ✓ Delivered Lumen output: 130lm/W
- ✓ Power Factor: > 0.9
- ✓ Color Render Index > 80

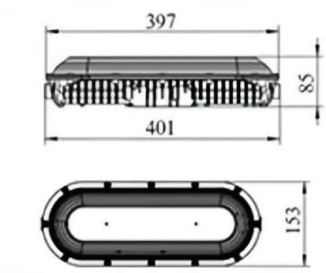
Model Selection

Model No.	Wattage	Lumen	Dimension (mm)LxWxH
EP10	08 W	1040 lm	401x153x85
	10 W	1300 lm	401x153x85
	15 W	1950 lm	401x153x85
	20 W	2600 lm	401x153x85

Selectable Options

CCT	Beam Angle	Body Color
3000K	120°	Yellow
4000K		
6500K		





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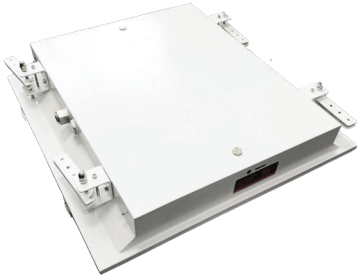
SPAIN SINCE 1999

Explosion Proof Light EP14

- IP65 / IK08
- Class I
- AC220-240 50/60 HZ
- Highly recyclable
- 50K hours lifetime
- EX II 2D Ex tb IIIC T6 Db IP66
  EX II 2G Ex de IIC T5 Gb

Product Features:

- ✓ Die-Cast Aluminum Housing
- ✓ Heavy-duty and high impact resistance
- ✓ Suitable for Zone 1, Zone 2 (Gas) and Zone 21 and 22 (Dust)
- ✓ High efficacy, 130lm/W
- ✓ Warranty: 5 Years



Product Specifications:

- ✓ Housing: Die-Cast Aluminum
- ✓ Diffuser: PC Opal
- ✓ Ambient Temperature: -40~50°C
- ✓ Delivered Lumen output: 130lm/W
- ✓ Power Factor: > 0.9
- ✓ Color Render Index > 80
- ✓ Weight: 5.9 Kg

Model Selection

Model No.	Wattage	Lumen	Dimension (mm)LxWxH
EP14	36 W	4680 lm	600x600x80
	40 W	5200 lm	600x600x80
	48 W	6240 lm	600x600x80

Selectable Options

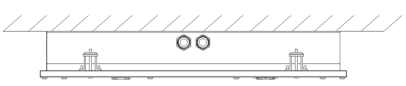
CCT	Beam Angle	Body Color
3000K	120°	White
4000K		
6500K		

Gross Weight

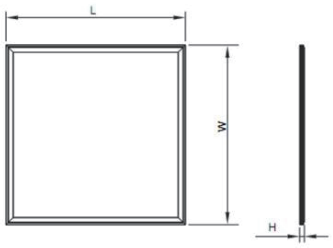
Dimension (mm)	Weight (Kg)
600x600x80	5.9

Installation Method

Surface Ceiling Installation



Product Dimension, mm



LxWxH, (MM): 600x600x80

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FRATER®
SPAIN SINCE 1999

IEC60598 LM79 / LM80 COMPLIANCE | Glowing Wire Test - 850°C | SDCM <3 | CE COMPLIANCE | RoHS

Explosion Proof Light EP16

- IP66
- Class I
- AC220-240 50/60 HZ
- Highly recyclable
- 50K hours lifetime
- EX II 2D Ex tb IIIC T6 Db IP66
  EX II 2G Ex de IIC T5 Gb

Product Features:

- ✓ Die-Cast Aluminum Housing and Tempered Glass diffuser
- ✓ Heavy-duty and high impact resistance
- ✓ Suitable for Zone 1, Zone 2 (Gas) and Zone 21 and 22 (Dust)
- ✓ Multiple installation options: Ceiling, Wall and Pole Mounted
- ✓ Warranty: 5 Years
- ✓ Suitable for Marine Applications: Coated with Anti-Corrsion Polyester Resin plus Stainless Steel 316 Material

Product Specifications:

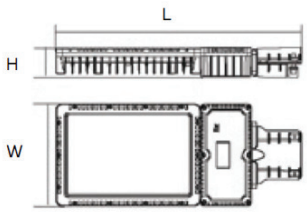
- ✓ Housing: Die-Cast Aluminum
- ✓ Diffuser: Tempered Glass
- ✓ Ambient Temperature: -30~50°C
- ✓ Delivered Lumen output: 130lm/W
- ✓ Power Factor: > 0.9
- ✓ Color Render Index > 70

Model Selection

Model No.	Wattage	Lumen	Dimension (mm)LxWxH
EP16	30 W	3900 lm	470x190x71
	50 W	6500 lm	470x190x71
	100 W	13000 lm	470x190x71
	150 W	19500 lm	547x245x71
	200 W	26000 lm	597x245x71
	240 W	31200 lm	656x280x71

Selectable Options

CCT	Beam Angle	Body Color
3000K	TYPE II	Yellow
4000K	TYPE III	
6500K		



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FRATER®
SPAIN SINCE 1999

Explosion Proof Linear Light EP18

IP66 / IK08

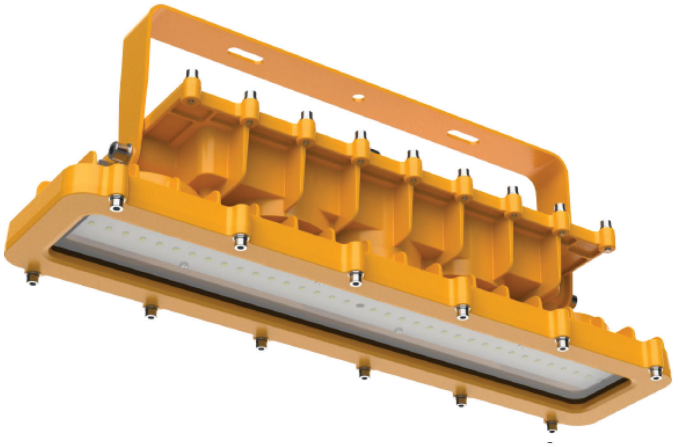
Class I

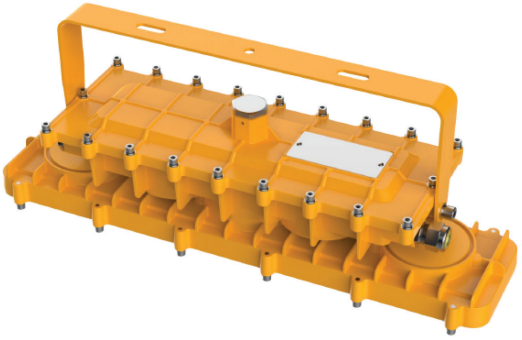
AC220-240 50/60 HZ

Highly recyclable

50K hours lifetime

Ex db IIB T4 Gb
Ex tb IIIC T130℃ Db





Product Features:

- ✓ IECEX and ECAS Compliance - Certification Under Process
- ✓ Loop-in and Loop-out Connection Feature
- ✓ Die-Cast Aluminum Housing and PC Lens diffuser
- ✓ Heavy-duty and high impact resistance
- ✓ High Vibration resistance and durability
- ✓ Suitable for Zone 1, Zone 2 (Gas) and Zone 21 and 22 (Dust)
- ✓ Multiple Installation options: Ceiling, Wall and Suspended
- ✓ Emergency Battery Backup - Optional

Product Specifications:

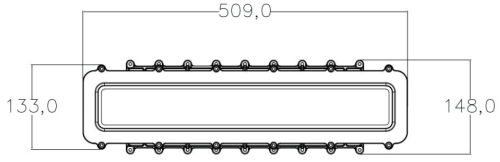
- ✓ Housing: Die-Cast Aluminum
- ✓ Diffuser: PC Diffuser
- ✓ Marine-grade epoxy powder coating
- ✓ Cable Gland: 3C × 2.5 mm² Nickel-Plated Brass Ex-d
- ✓ Ambient Temperature: -30~50°C
- ✓ Delivered Lumen output: 130lm/W
- ✓ Power Factor: > 0.9
- ✓ Color Render Index > 80

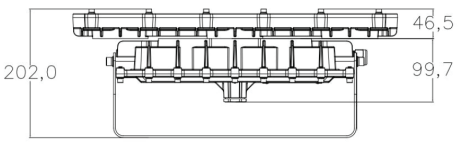
Model Selection

Model No.	Wattage	Lumen	Dimension (mm)LxWxH
EP18	20W	2600 lm	509x148x202
	30W	3900 lm	509x148x202
	40W	5200 lm	509x148x202
	50W	6500 lm	509x148x202

Selectable Options

CCT	Beam Angle	Body Color
3000K	120°	Yellow
4000K		
6500K		





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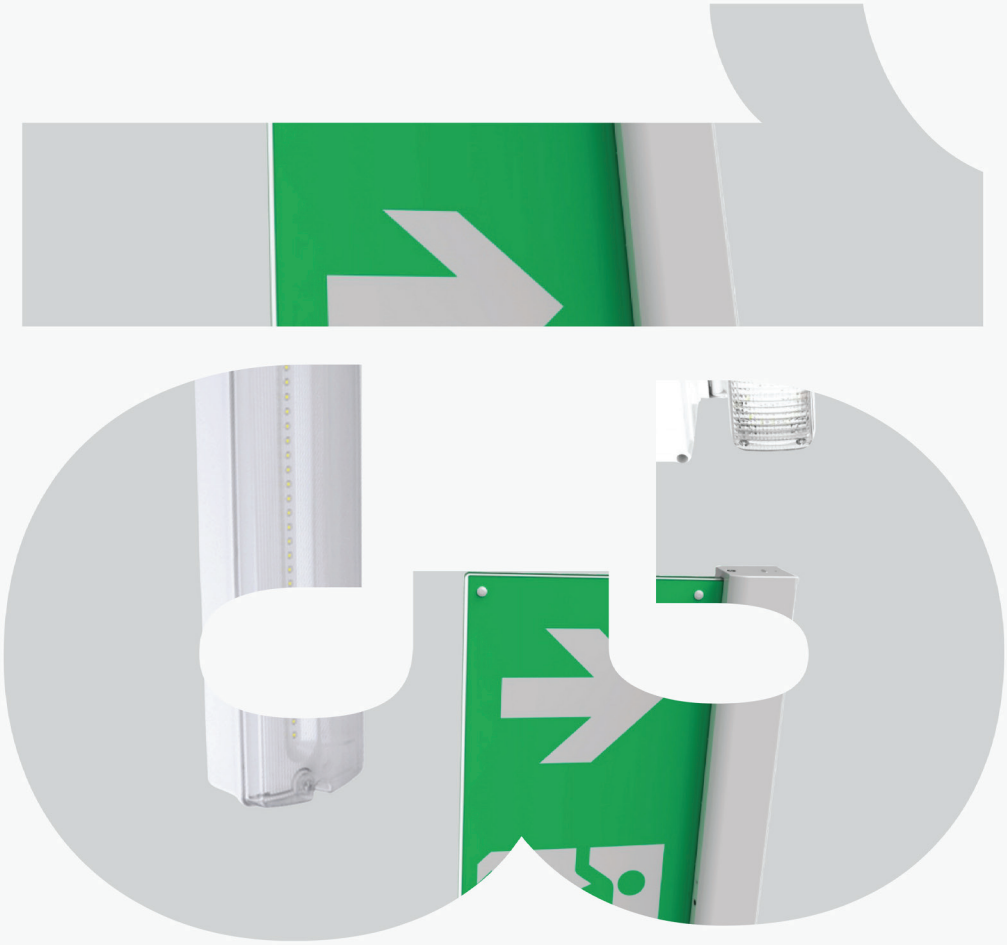


EMERGENCY LIGHTING

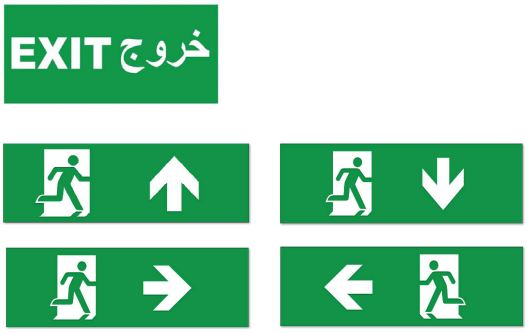
FRATER®
SPAIN SINCE 1999

Emergency Light EL01

- IP65
- Class I
- AC220-240 50/60 HZ
- Surface Mounted
- Highly recyclable
- Warranty 3 Years for Lighting System / 1 Year for Battery

Product Features:

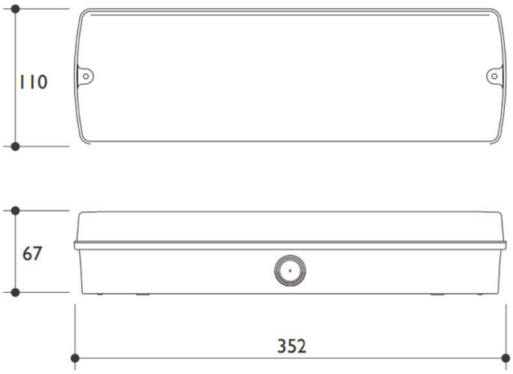
- ✓ Complies with IEC60598-2-22, RoHS
- ✓ Optional multi directional sticker legend kit
- ✓ Provides complete protection against dust and water jets, making it suitable for both indoor and outdoor applications.
- ✓ Equipped with a reliable battery that ensures continuous illumination for up to 3 hours during a power outage.
- ✓ Automatically conducts regular self-tests to ensure optimal performance and reliability, reducing maintenance efforts.
- ✓ Delivers bright and efficient lighting to ensure visibility and safety in emergency situations.
- ✓ Designed for quick and simple installation, minimizing downtime and labor costs.
- ✓ Utilizes advanced LED technology to provide energy savings while maintaining high performance.



Technical Specifications:

Code	EL01-04
Mode of operation	Maintained & Non-Maintained
LED	3528 LED 27 PCS 1.62 W
Mains Supply	AC220-240V, 50/60Hz
Power Consumption	4.4 W
Battery	3.6V 1500mAH NI-Cad/LiFePO4
Lumen Output	150 LM
Charging Time	24 Hours
Discharging Time Max	3 Hours
Charge Current Max	230mA
Discharge Current IP	365mA
Rating	IP65
Body	ABS
Diffuser	Polycarbonate
Net Weight	0.6 KGS

Dimensions:



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FRATER®
SPAIN SINCE 1999

Emergency Light EL06

IP20

Class I

AC220-240 50/60 HZ

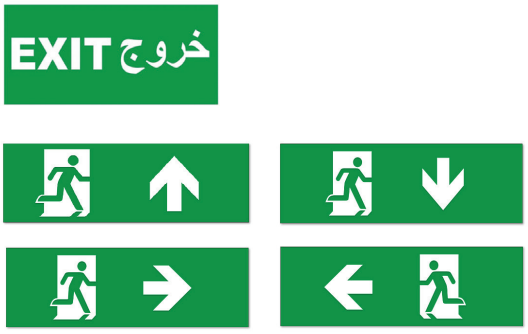
Surface Mounted

Highly recyclable

Warranty 3 Years for Lighting System / 1 Year for Battery

Product Features:

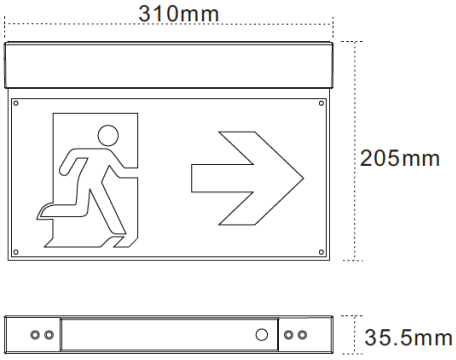
- ✓ Complies with IEC60598-2-22, RoHS
- ✓ Optional multi directional sticker legend kit
- ✓ Equipped with a reliable battery that ensures continuous illumination for up to 3 hours during a power outage.
- ✓ Automatically conducts regular self-tests to ensure optimal performance and reliability, reducing maintenance efforts.
- ✓ Delivers bright and efficient lighting to ensure visibility and safety in emergency situations.
- ✓ Designed for quick and simple installation, minimizing downtime and labor costs.
- ✓ Utilizes advanced LED technology to provide energy savings while maintaining high performance.



Technical Specifications:

Code	EL06-03
Mode of operation	Maintained
LED	2835 LED 14 PCS 1 W
Mains Supply	AC220-240V, 50/60Hz
Power Consumption	3.5 W Max
Battery	3.2V 1800mAH NI-Cad/LiFePO4
Charging Time	24 Hours
Discharging Time	3 Hours
Max Charge Current	90mA
Max Discharge Current	240mA
IP Rating	IP20
Body	PC
Diffuser	PMMA
Viewing Distance	30 m

Dimensions:



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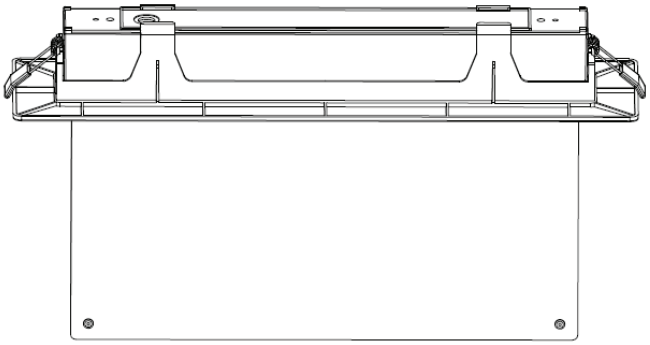
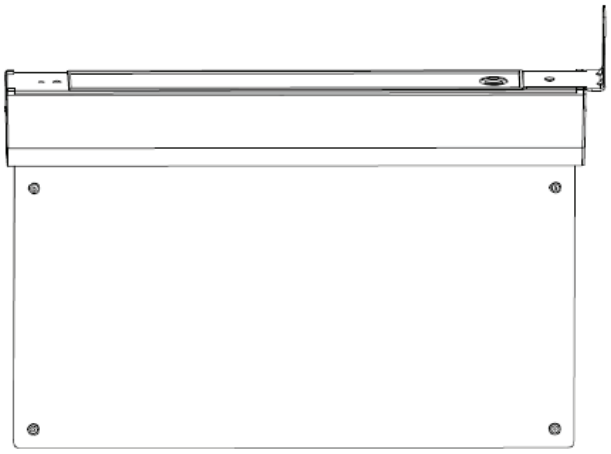
Emergency Light EL06 - Installation Options

Surface Ceiling Installation

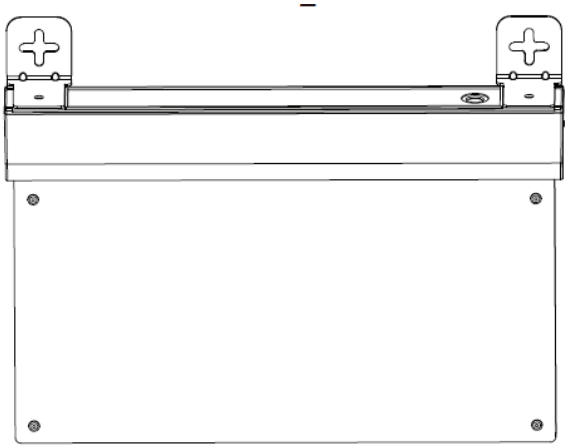
Recessed Ceiling Installation



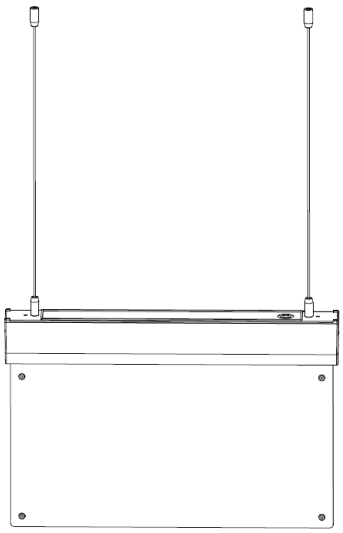
Side Surface Installation



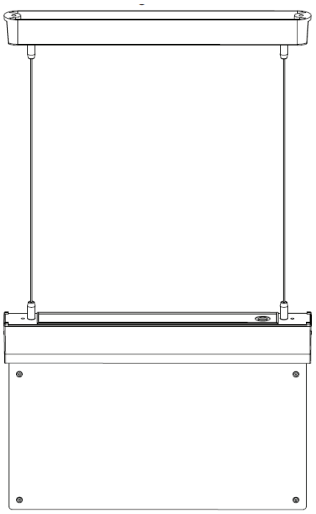
Front, Surface Installation



Suspended Chain Installation



Suspended Chain With Decorative Cover Installation



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Emergency Light EL10

IP65

Class I

AC220-240 50/60 HZ

Surface Mounted

Highly recyclable

Warranty 3 Years for Lighting System / 1 Year for Battery

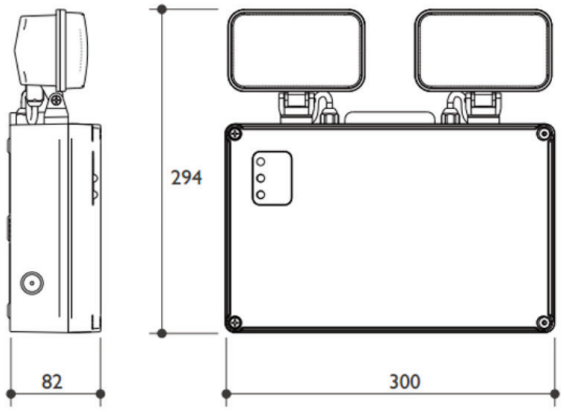
Product Features:

- ✓ ON-OFF switch equipped to control the light in emergency mode
- ✓ Self Test Functions
- ✓ Complies with IEC60598-2-22, RoHS.

Technical Specifications:

Code	EL10-D3
Mode of operation	Maintained & Non-Maintained (Optional)
LED	2835 LED 56 PCS
Mains Supply	AC220-240V, 50/60Hz
Power Consumption	2x3 W
Battery	6.4V 4.0Ah LiFePO4
Lumen Output	2x300 LM
Charging Time	24 Hours
Discharging Time Max	3 Hours
Charge Current Max	330mA
Discharge Current IP	1000 mA
Rating	IP65
Body	ABS
Diffuser	Polycarbonate
Net Weight	1.5 Kg

Dimensions:



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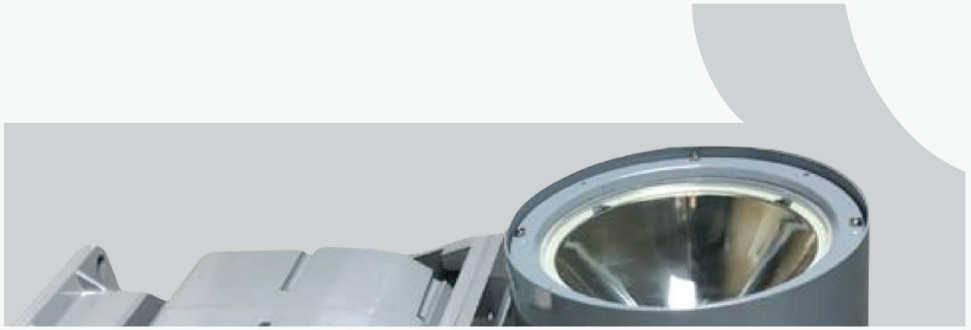


SPECIAL LIGHTS

SEARCH LIGHTS & OBSTRUCTION LIGHTS

FRATER®
SPAIN SINCE 1999

IEC60598 LM79 / LM80 COMPLIANCE | Glowing Wire Test - 850°C | SDCM <3 | CE COMPLIANCE | RoHS

Search Light Navigation I

IP65

Class I

AC220-240V 50Hz

Highly recyclable

50K hours lifetime

Product Features:

- ✓ Corrosion-resistant aluminum 1070 alloy housing
- ✓ Embedded with motorized gear for auto rotation
- ✓ LED lighting sourcing with≥ 50,000 hours lifetime
- ✓ Light beam angle 5°
- ✓ Instantaneous Start up
- ✓ Passive heat dissipation with low maintenance
- ✓ Wireless remote control/RS-485
- ✓ Wide range of applications and sites
- ✓ 50,000 hours lifetime
- ✓ Warranty 5 Years for lighting system, 3 Years for Mechanical parts.

Product Specifications:

- ✓ Housing: Aluminum Alloy 1070
- ✓ Ambient Temperature: -10~50°C
- ✓ Delivered Lumen output: 100lm/W
- ✓ Color Render Index > 95
- ✓ Power Factor > 0.9
- ✓ Weight: 9.5 / 14.5 Kg

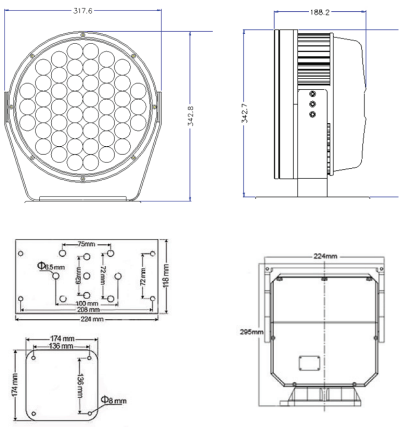
Model Selection

Model No.	Wattage	Lumen	Working Distance (m)	Dimension (mm)DxL
SL-NI-200	200 W	28000 lm	1000	305x315
SL-NI-400	400 W	56000 lm	2000	376x384

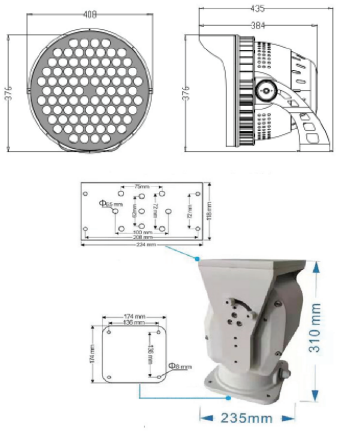
Selectable Options

CCT	Beam Angle	Body Color
☐ 6000K	5°	■ Black ■ Grey

Size (200 W)



Size (400 W)



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FRATER®
SPAIN SINCE 1999

IEC60598 LM79 / LM80 COMPLIANCE | Glowing Wire Test - 850°C | SDCM <3 | CE COMPLIANCE | RoHS COMPLIANT

Search Light Discovery

- IP65
- Class I
- AC220-240V 50Hz
- Recessed Ceiling
- Highly recyclable
- 50K hours lifetime
- Dimming Optional

Product Features:

- ✓ New HID xenon bulb (Third generation) with high brightness
- ✓ Irradiation range of 2KM
- ✓ Focus beam angle 1 degree
- ✓ Variable speed function and Direction adjustment
- ✓ Auto Cruise function
- ✓ 5 Years warranty for the body
- ✓ 2 Years Warranty for the Light Source
- ✓ Wireless remote
- ✓ High Color rendering CRI > 95
- ✓ Wide range of applications and sites

Product Specifications:

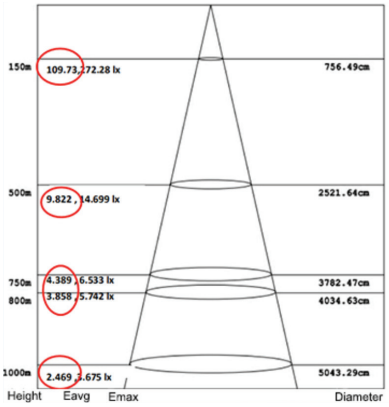
- ✓ Housing: Aluminum
- ✓ Ambient Temperature: -10~50°C
- ✓ Delivered Lumen output: 100lm/W
- ✓ Color Render Index > 95
- ✓ Power Factor > 0.9

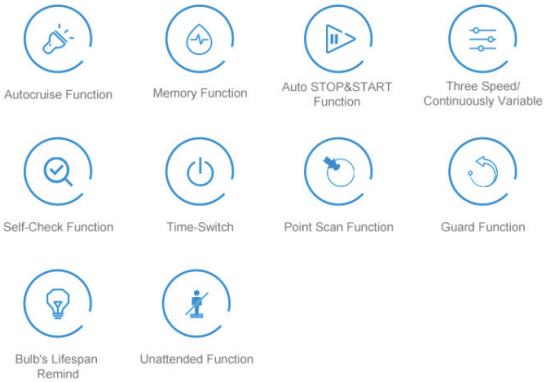
Model Selection

Model No.	Wattage	Lumen	lm/W	Dimension (mm)LxWxH
SL-DS-160	160 W	16000 lm	100	272x239x519

Selectable Options

CCT	Beam Angle	Body Color
☐ 6000K	1°	Grey





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FRATER®
SPAIN SINCE 1999

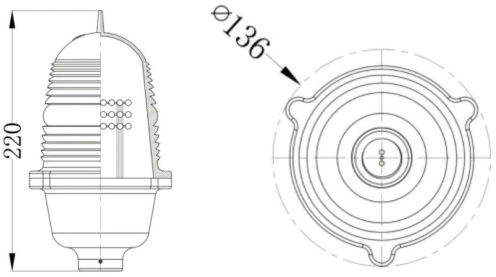
Obstruction Light OL01

- IP65
- Class I
- AC90-265V 50/60Hz, DC 12V-48V
- Surface Installation
- Highly recyclable
- 2 Years Warranty
- Lighting & Surge Protection

Product Features:

- ✓ Emits a bright red flashing signal that is highly visible, ensuring safe navigation and compliance with aviation and marine safety standards.
- ✓ Provides complete protection against dust and water jets, making it suitable for use in harsh outdoor environments and ensuring reliable performance in all weather conditions.
- ✓ Built with high quality materials that withstand extreme temperatures, UV radiation, and mechanical impacts, ensuring long-lasting durability.
- ✓ Capable of operating effectively in a wide range of temperatures, ensuring relaible performance in both hot and cold climates.

Dimensions:



Technical Specifications:

Code	OL01-03
wattage	≤ 3 W
Light Intensity	Tybe B ≥ 32. 5cd, Type A ≥ 10cd
Working Mode	Steady Buring / Flashing 20 times / Minute
Horizontal Output	360°
Vertical Divergence	10°
Optional Emitting Light Colors	Red
Optically Controlled Ambient Brightness	50 / 100 Lux
Ambient Temperature	-40°C~70°C
Anty Wind Ability	120 m/s
Power Factor	>0.9
Base Body	Aluminum Casting
Diffuser and Lens	PC
Dimension (mm) DxH	136x220

Application:

Runway, Heliport, Towers
Tower Crane, Bridge

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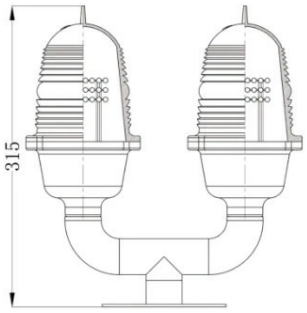
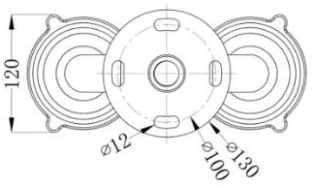
FRATER®
SPAIN SINCE 1999

Obstruction Light OL02

- IP65
- Class I
- AC110V/220V 50/60Hz, DC12V24V/48V
- Surface Installation
- Highly recyclable
- 3 Years Warranty
- Lighting & Surge Protection

Dimensions:





Product Features:

- ✓ Emits a bright red flashing signal that is highly visible, ensuring safe navigation and compliance with aviation and marine safety standards.
- ✓ Provides complete protection against dust and water jets, making it suitable for use in harsh outdoor environments and ensuring reliable performance in all weather conditions.
- ✓ Built with high quality materials that withstand extreme temperatures, UV radiation, and mechanical impacts, ensuring long-lasting durability.
- ✓ Capable of operating effectively in a wide range of temperatures, ensuring relaible performance in both hot and cold climates.

Technical Specifications:

Code	OL02-03
wattage	≤ 3 W
Light Intensity	Tybe B ≥ 32. 5cd, Type A ≥ 10cd
Working Mode	Steady Buring / Flashing / Flashing Alternately
Horizontal Output	360°
Vertical Divergence	10°
Optional Emitting Light Colors	Red
Optically Controlled Ambient Brightness	50 / 100 Lux
Ambient Temperature	-40°C~70°C
Anty Wind Ability	120 m/s
Power Factor	>0.9
Base Body	Aluminum Casting
Diffuser and Lens	PC
Dimension (mm) DxH	285x130x315

Application:

Airport, Heliport, Towers, Bridge

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BULKHEAD LIGHT

FRATER®
SPAIN SINCE 1999

IEC60598 LM79 / LM80 COMPLIANCE | Glowing Wire Test - 850°C | SDCM ≤3 | CE COMPLIANCE | RoHS

Bulkhead Light BD01

- IP65
- Class I
- AC220-240V
- Wall Mounted Luminaire
- Highly recyclable
- 50k Hours Lifetime

Product Features:

- ✓ Product design ensures protection against water and dust ingress, making it suitable for outdoor and indoor use in various weather conditions.
- ✓ Built with sturdy materials to withstand rugged environments, ensuring long-lasting performance and reliability.
- ✓ Creates an attractive and stylish ambiance on building facades, walls, or outdoor spaces, enhancing the visual appeal of the area
- ✓ Suitable for a wide range of outdoor applications, including architectural lighting, accentuating building features, and illuminating walkways.
- ✓ Extended Durability with a Lifespan of Up to 50,000 Hours L80.

Product Specifications:

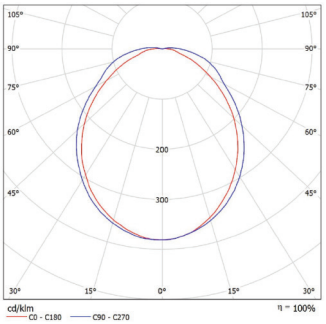
- ✓ Housing: Die-Cast Aluminum Body
- ✓ Diffuser: Opal Polycarbonate
- ✓ Outstanding Working Temp: 0~50°C
- ✓ Delivered Lumen Output: 120lm/W
- ✓ Color Render Index > 80

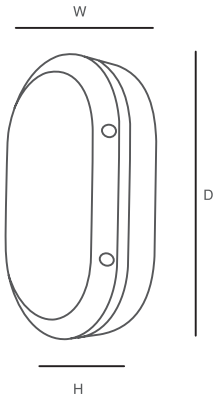
Model Selection

Model No.	Wattage	Lumen	Dimension (mm)DxHxW
BD01-005	5 W	600 lm	220x135x60
BD01-009	9 W	1080 lm	220x135x60

Selectable Options

CCT	Beam Angle	Housing
3000K	110°	Black
4000K		Grey
6500K		





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IEC60598 LM79 / LM80 COMPLIANCE | Glowing Wire Test - 850°C | SDCM <3 | CE COMPLIANCE | RoHS

Bulkhead Light BD04

- IP65
- Class I
- AC110-240V
- Wall Mounted Luminaire
- Highly recyclable
- 50k Hours Lifetime

Product Features:

- ✓ Product design ensures protection against water and dust ingress, making it suitable for outdoor and indoor use in various weather conditions.
- ✓ Built with sturdy materials to withstand rugged environments, ensuring long-lasting performance and reliability.
- ✓ Creates an attractive and stylish ambiance on building facades, walls, or outdoor spaces, enhancing the visual appeal of the area
- ✓ Suitable for a wide range of outdoor applications, including architectural lighting, accentuating building features, and illuminating walkways.
- ✓ Extended Durability with a Lifespan of Up to 50,000 Hours L80.

Product Specifications:

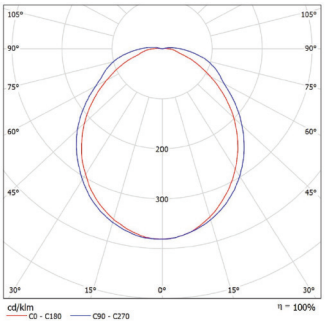
- ✓ Housing: Die-Cast Aluminum Body
- ✓ Diffuser: Opal Polycarbonate
- ✓ Outstanding Working Temp: 0~50°C
- ✓ Delivered Lumen Output: 110lm/W
- ✓ Color Render Index > 80

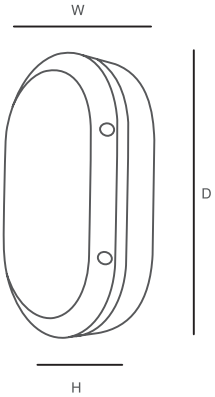
Model Selection

Model No.	Wattage	Lumen	Dimension (mm)DxHxW
BD04-005	5 W	550 lm	220x135x60
BD04-009	9 W	990 lm	220x135x60

Selectable Options

CCT	Beam Angle	Housing
3000K	110°	Black
4000K		Grey
6500K		White





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IEC60598 LM79 / LM80 COMPLIANCE | Glowing Wire Test - 850°C | SDCM ≤3 | CE COMPLIANCE | RoHS

Bulkhead Light BD10

- IP65
- Class I
- AC220-240V
- Wall Mounted Luminaire
- Highly recyclable
- 50k Hours Lifetime

Product Features:

- ✓ Product design ensures protection against water and dust ingress, making it suitable for outdoor and indoor use in various weather conditions.
- ✓ Built with sturdy materials to withstand rugged environments, ensuring long-lasting performance and reliability.
- ✓ Creates an attractive and stylish ambiance on building facades, walls, or outdoor spaces, enhancing the visual appeal of the area
- ✓ Suitable for a wide range of outdoor applications, including architectural lighting, accentuating building features, and illuminating walkways.
- ✓ Extended Durability with a Lifespan of Up to 50,000 Hours L80.

Product Specifications:

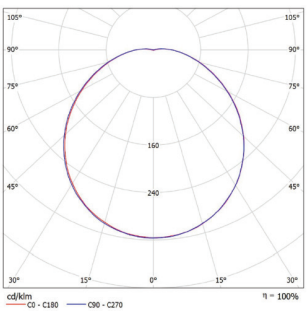
- ✓ Housing: Die-Cast Aluminum Body
- ✓ Diffuser: Opal Polycarbonate
- ✓ Outstanding Working Temp: 0~50°C
- ✓ Delivered Lumen Output: 100lm/W
- ✓ Color Render Index > 80

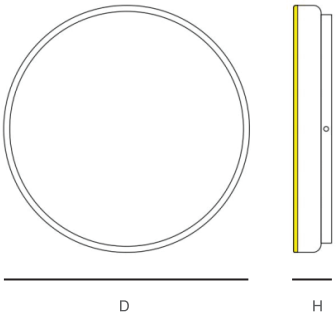
Model Selection

Model No.	Wattage	Lumen	Dimension (mm)DxH
BD10-012	12 W	1200 lm	250x50
BD10-020	20 W	2000 lm	320x50

Selectable Options

CCT	Beam Angle	Housing
3000K	110°	Black
4000K		Grey
6500K		





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IEC60598 LM79 / LM80 COMPLIANCE | Glowing Wire Test - 850°C | SDCM <3 | CE COMPLIANCE | RoHS

Bulkhead Light BD11

IP65

Class I

AC220-240V

Wall Mounted Luminaire

Highly recyclable

50k Hours Lifetime

Product Features:

- ✓ Product design ensures protection against water and dust ingress, making it suitable for outdoor and indoor use in various weather conditions.
- ✓ Built with sturdy materials to withstand rugged environments, ensuring long-lasting performance and reliability.
- ✓ Creates an attractive and stylish ambiance on building facades, walls, or outdoor spaces, enhancing the visual appeal of the area
- ✓ Suitable for a wide range of outdoor applications, including architectural lighting, accentuating building features, and illuminating walkways.
- ✓ Extended Durability with a Lifespan of Up to 50,000 Hours L80.

Product Specifications:

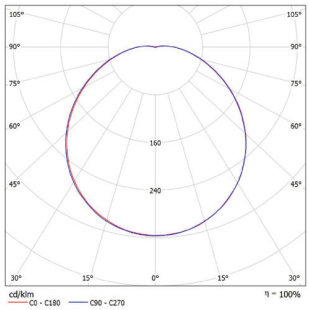
- ✓ Housing: Die-Cast Aluminum Body
- ✓ Diffuser: Opal Polycarbonate
- ✓ Outstanding Working Temp: 0~50°C
- ✓ Delivered Lumen Output: 100lm/W
- ✓ Color Render Index > 80

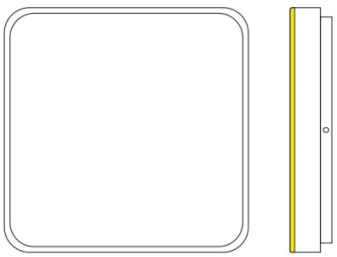
Model Selection

Model No.	Wattage	Lumen	Dimension (mm)DxH
BD11-012	12 W	1200 lm	250x50
BD11-020	20 W	2000 lm	320x50

Selectable Options

CCT	Beam Angle	Housing
3000K	120°	Black
4000K		Grey
6500K		White





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SPAIN SINCE 1999

IEC60598 LM79 / LM80 COMPLIANCE | Glowing Wire Test - 850°C | SDCM <3 | CE COMPLIANCE | RoHS

Bulkhead Light BD90

- IP65
- Class I
- AC220-240V
- Wall Mounted Luminaire
- Highly recyclable
- 50k Hours Lifetime

Product Features:

- ✓ Product design ensures protection against water and dust ingress, making it suitable for outdoor and indoor use in various weather conditions.
- ✓ Built with sturdy materials to withstand rugged environments, ensuring long-lasting performance and reliability.
- ✓ Suitable for a wide range of outdoor applications, including architectural lighting, accentuating building features, and illuminating walkways.

Product Specifications:

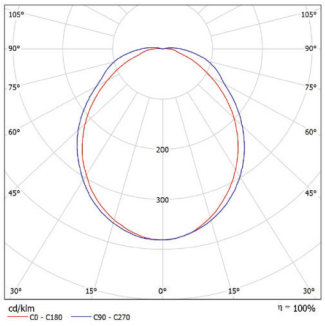
- ✓ Housing: Die-Cast Aluminum Body
- ✓ Diffuser: Tempered Glass
- ✓ Outstanding Working Temp: 0~50°C
- ✓ E27 Base

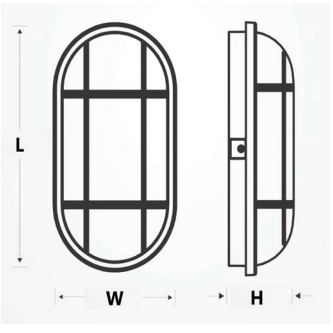
Model Selection

Model No.	Wattage	Lamp Base	Dimension (mm)DxHxW
BD90-E27	20 W Max	E27	210x104x94

Selectable Options

CCT	Beam Angle	Housing
3000K	110°	Black
4000K		Grey
6500K		White





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Bulkhead Light BD91

- IP65
- Class I
- AC220-240V
- Wall Mounted Luminaire
- Highly recyclable
- 50k Hours Lifetime

Product Features:

- ✓ Product design ensures protection against water and dust ingress, making it suitable for outdoor and indoor use in various weather conditions.
- ✓ Built with sturdy materials to withstand rugged environments, ensuring long-lasting performance and reliability.
- ✓ Suitable for a wide range of outdoor applications, including architectural lighting, accentuating building features, and illuminating walkways.

Product Specifications:

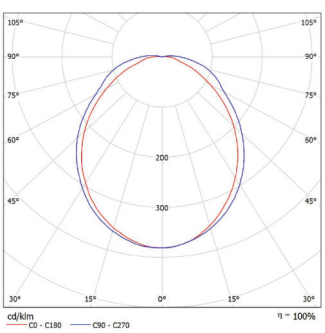
- ✓ Housing: Die-Cast Aluminum Body
- ✓ Diffuser: Tempered Glass
- ✓ Outstanding Working Temp: 0~50°C
- ✓ E27 Base

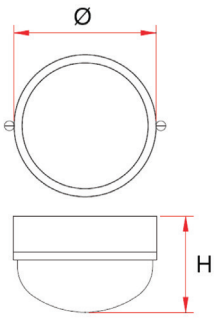
Model Selection

Model No.	Wattage	Lamp Base	Dimension (mm)DxH
BD91-E27	20 W Max	E27	175x95

Selectable Options

CCT	Beam Angle	Housing
3000K	110°	Black
4000K		Grey
6500K		White





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Bulkhead Light BD92

- IP65
- Class I
- AC220-240V
- Wall Mounted Luminaire
- Highly recyclable
- 50k Hours Lifetime

Product Features:

- ✓ Product design ensures protection against water and dust ingress, making it suitable for outdoor and indoor use in various weather conditions.
- ✓ Built with sturdy materials to withstand rugged environments, ensuring long-lasting performance and reliability.
- ✓ Creates an attractive and stylish ambiance on building facades, walls, or outdoor spaces, enhancing the visual appeal of the area
- ✓ Suitable for a wide range of outdoor applications, including architectural lighting, accentuating building features, and illuminating walkways.
- ✓ Extended Durability with a Lifespan of Up to 50,000 Hours L80.
- ✓ Available with photocell option.

Product Specifications:

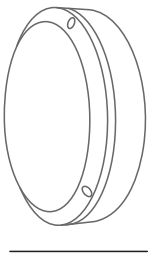
- ✓ Housing: Die-Cast Aluminum Body
- ✓ Diffuser: Opal Polycarbonate
- ✓ Outstanding Working Temp: 0~50°C
- ✓ Delivered Lumen Output: 120lm/W
- ✓ Color Render Index > 80

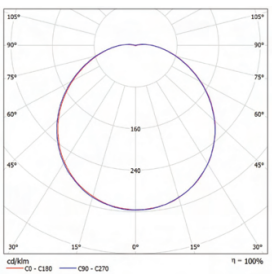
Model Selection

Model No.	Wattage	Lumen	Dimension (mm)DxH
BD92-015	15 W	1800 lm	275x80
BD92-020	20 W	2400 lm	275x80
BD92-026	26 W	3120 lm	275x80
BD92S -009	09 W	108 0 lm	222 x70
BD92S -015	15 W	1800 lm	222 x70
BD92S -020	20 W	240 0 lm	222 x70

Selectable Options

CCT	Beam Angle	Housing
3000K	110°	Black
4000K		Grey
6500K		White





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Bulkhead Light BD93

- IP65
- Class I
- AC220-240V
- Wall Mounted Luminaire
- Highly recyclable
- 50k Hours Lifetime

Product Features:

- ✓ Product design ensures protection against water and dust ingress, making it suitable for outdoor and indoor use in various weather conditions.
- ✓ Built with sturdy materials to withstand rugged environments, ensuring long-lasting performance and reliability.
- ✓ Creates an attractive and stylish ambiance on building facades, walls, or outdoor spaces, enhancing the visual appeal of the area
- ✓ Suitable for a wide range of outdoor applications, including architectural lighting, accentuating building features, and illuminating walkways.
- ✓ Extended Durability with a Lifespan of Up to 50,000 Hours L80.

Product Specifications:

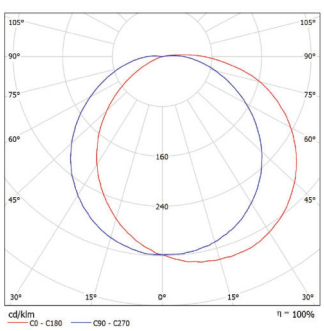
- ✓ Housing: Die-Cast Aluminum Body
- ✓ Diffuser: Opal Polycarbonate
- ✓ Outstanding Working Temp: 0~50°C
- ✓ Delivered Lumen Output: 90lm/W
- ✓ Color Render Index > 80

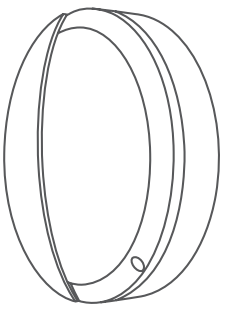
Model Selection

Model No.	Wattage	Lumen	Dimension (mm)DxH
BD93-015	15 W	1350 lm	275x80
BD93-020	20 W	1800 lm	275x80
BD93-026	26 W	2340 lm	275x80

Selectable Options

CCT	Beam Angle	Housing
3000K	110°	Black
4000K		Grey
6500K		White





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IEC60598 LM79 / LM80 COMPLIANCE | Glowing Wire Test - 850°C | SDCM <3 | CE COMPLIANCE | RoHS

Bulkhead Light BD94

- IP65
- Class I
- AC220-240V
- Wall Mounted Luminaire
- Highly recyclable
- 50k Hours Lifetime

Product Features:

- ✓ Product design ensures protection against water and dust ingress, making it suitable for outdoor and indoor use in various weather conditions.
- ✓ Built with sturdy materials to withstand rugged environments, ensuring long-lasting performance and reliability.
- ✓ Creates an attractive and stylish ambiance on building facades, walls, or outdoor spaces, enhancing the visual appeal of the area
- ✓ Suitable for a wide range of outdoor applications, including architectural lighting, accentuating building features, and illuminating walkways.
- ✓ Extended Durability with a Lifespan of Up to 50,000 Hours L80.

Product Specifications:

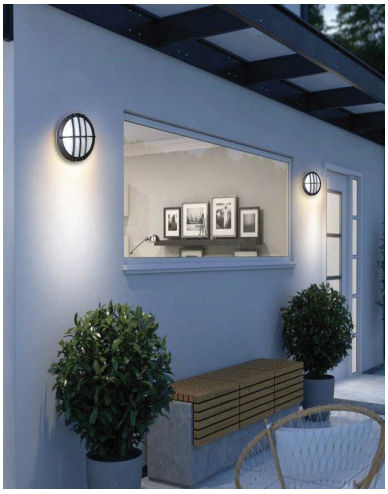
- ✓ Housing: Die-Cast Aluminum Body
- ✓ Diffuser: Opal Polycarbonate
- ✓ Outstanding Working Temp: 0~50°C
- ✓ Delivered Lumen Output: 110lm/W
- ✓ Color Render Index > 80

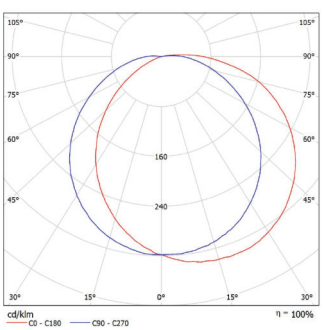
Model Selection

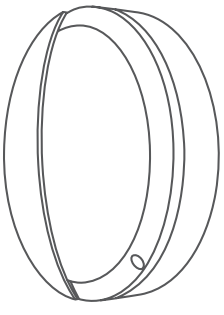
Model No.	Wattage	Lumen	Dimension (mm)DxH
BD94-015	15 W	1650 lm	275x80
BD94-020	20 W	2200 lm	275x80
BD94-026	26 W	2860 lm	275x80

Selectable Options

CCT	Beam Angle	Housing
3000K	110°	Black
4000K		Grey
6500K		White







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Bulkhead Light BDS1

- IP65
- Class I
- AC220-240V
- Wall Mounted Luminaire
- Highly recyclable
- 50k Hours Lifetime
- Tunable CCT
- Selectable Wattage

Product Features:

- ✓ Product design ensures protection against water and dust ingress, making it suitable for outdoor and indoor use in various weather conditions.
- ✓ Built with sturdy materials to withstand rugged environments, ensuring long-lasting performance and reliability.
- ✓ Creates an attractive and stylish ambiance on building facades, walls, or outdoor spaces, enhancing the visual appeal of the area
- ✓ Suitable for a wide range of outdoor applications, including architectural lighting, accentuating building features, and illuminating walkways.
- ✓ Extended Durability with a Lifespan of Up to 50,000 Hours L80.

Product Specifications:

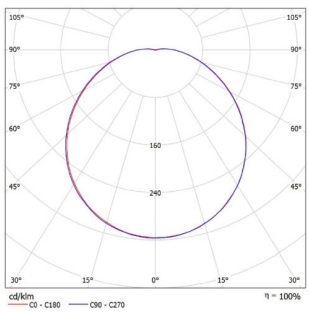
- ✓ Housing: Die-Cast Aluminum Body
- ✓ Diffuser: Opal Polycarbonate
- ✓ Outstanding Working Temp: 0~50°C
- ✓ Delivered Lumen Output: 90lm/W
- ✓ Color Render Index > 80

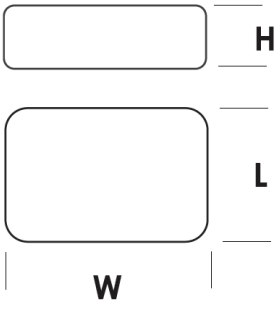
Model Selection

Model No.	Wattage	Lumen	Dimension (mm)WxLxH
BDS1-026	15/20/26 W	Up to 2340 lm	270x270x80

Selectable Options

CCT	Beam Angle	Housing
3000K	120°	Black
4000K		Grey
6500K		White





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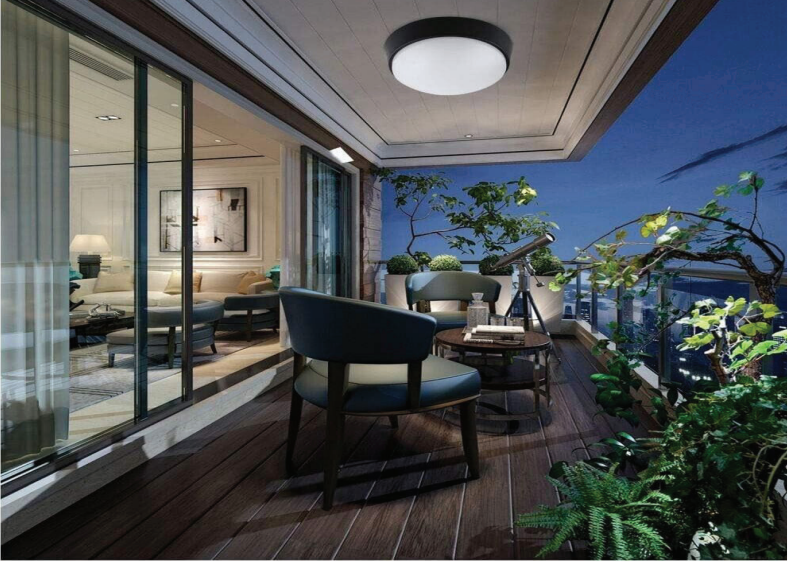


WALL TOP LIGHT

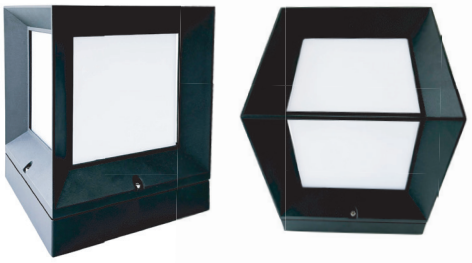
FRATER®
SPAIN SINCE 1999

Wall Top WT01

- IP65
- Class II
- AC220-240V
- Surface Wall Mounted
- Highly Recyclable

Product Features:

- ✓ Crafted with high-quality materials to withstand outdoor elements, ensuring longevity and resilience.
- ✓ Creates an attractive and stylish ambiance on building walls
- ✓ Equipped with high-efficiency LED lamps for superior brightness and energy savings, offering an extended lifespan compared to traditional lighting options.
- ✓ Designed to consume less power while providing optimal illumination, contributing to reduced energy bills and environmental impact.
- ✓ Sleek and Space-Saving Structure.



Product Specifications:

- ✓ Housing: Aluminum
- ✓ Diffuser: Opal Polycarbonate
- ✓ Outstanding Temp: 0~50°C
- ✓ E27 Lamp Base

Model Selection

Model No.	Wattage	Lamp Base	Dimension (mm)WxLxH
WT01-E27	20 W Max	E27	225x225x270

Selectable Options

CCT	Beam Angle	Body Color
3000K	360°	Black
4000K		Grey
6500K		White

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Wall Top WT02

IP65

Class II

AC220-240V

Surface Wall Mounted

Highly Recyclable

Product Features:

- ✓ Crafted with high-quality materials to withstand outdoor elements, ensuring longevity and resilience.
- ✓ Creates an attractive and stylish ambiance on building walls
- ✓ Equipped with high-efficiency LED lamps for superior brightness and energy savings, offering an extended lifespan compared to traditional lighting options.
- ✓ Designed to consume less power while providing optimal illumination, contributing to reduced energy bills and environmental impact.
- ✓ Sleek and Space-Saving Structure.

Product Specifications:

- ✓ Housing: Aluminum
- ✓ Diffuser: Opal Polycarbonate
- ✓ Outstanding Temp: 0~50°C
- ✓ E27 Lamp Base

Model Selection

Model No.	Wattage	Lamp Base	Dimension (mm)DxDxH
WT02-E27	20 W Max	E27	145x135x200

Selectable Options

CCT	Beam Angle	Body Color
3000K	360°	Black
4000K		Grey
6500K		White

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FRATER®
SPAIN SINCE 1999

Wall Top WT03

IP65

Class I

AC220-240V

Surface Wall Mounted

Highly Recyclable

Product Features:

- ✓ Crafted with high-quality materials to withstand outdoor elements, ensuring longevity and resilience.
- ✓ Creates an attractive and stylish ambiance on building walls
- ✓ Equipped with high-efficiency LED lamps for superior brightness and energy savings, offering an extended lifespan compared to traditional lighting options.
- ✓ Designed to consume less power while providing optimal illumination, contributing to reduced energy bills and environmental impact.
- ✓ Sleek and Space-Saving Structure.

Product Specifications:

- ✓ Housing: Aluminum
- ✓ Diffuser: Opal PMMA
- ✓ Outstanding Temp: 0~50°C
- ✓ E27 Lamp Base

Model Selection

Model No.	Wattage	Lamp Base	Dimension (mm)DxH
WT03-E27	20 W Max	E27	Globe: 300x310 Base: 110x145

Selectable Options

CCT	Beam Angle	Body Color
3000K	360°	Black
4000K		White
6500K		

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FRATER®
SPAIN SINCE 1999

Wall Top WT04

IP65

Class I

AC220-240V

Surface Wall Mounted

Highly Recyclable

Product Features:

- ✓ Crafted with high-quality materials to withstand outdoor elements, ensuring longevity and resilience.
- ✓ Creates an attractive and stylish ambiance on building walls
- ✓ Equipped with high-efficiency LED lamps for superior brightness and energy savings, offering an extended lifespan compared to traditional lighting options.
- ✓ Designed to consume less power while providing optimal illumination, contributing to reduced energy bills and environmental impact.
- ✓ Sleek and Space-Saving Structure.

Product Specifications:

- ✓ Housing: Aluminum
- ✓ Diffuser: Opal Polycarbonate
- ✓ Outstanding Temp: 0~50°C
- ✓ E27 Lamp Base

Model Selection

Model No.	Wattage	Lamp Base	Dimension (mm)DxDxH
WT04-E27	20 W Max	E27	145x135x200

Selectable Options

CCT	Beam Angle	Body Color
3000K	360°	Black
4000K		Grey
6500K		White

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FRATER®
SPAIN SINCE 1999

Solar Wall Top Light SWT1

IP65

Class I

Solar

Wall Top Mounted

Highly recyclable

30k Hours Lifetime

Product Features:

- ✓ Equipped with monocrystalline solar panel and Li-ion battery.
- ✓ Crafted with high-quality materials to withstand outdoor elements, ensuring longevity and resilience.
- ✓ Designed to complement outdoor landscapes with a stylish and aesthetically pleasing appearance.settings.
- ✓ Provides soft and diffused illumination, creating a welcoming and visually appealing atmosphere.
- ✓ Sleek and Space-Saving Structure.
- ✓ Designed for straightforward installation in outdoor environments, enhancing flexibility and convenience.
- ✓ Extended Durability with a Lifespan of Up to 30,000 Hours L80.

Product Specifications:

- ✓ Housing: Die-Cast Aluminum
- ✓ Diffuser: Clear Polycarbonate
- ✓ Outstanding Working Temp: 0~50°C
- ✓ Color Render Index > 70
- ✓ Battery: 3.2V/12000mAh
- ✓ Solar Panel: 5V/10W
- ✓ Charging Time: 3-5H

Model Selection

Model No.	Wattage	Dimension (mm) øxH
FESWT1-015	15 W	300x340

Selectable Options

CCT	Housing
3000K	Black

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SPAIN SINCE 1999

Solar Wall Top Light SWT4

- IP65
- Class I
- Solar
- Wall Top Mounted
- Highly recyclable
- 30k Hours Lifetime

Product Features:

- ✓ Equipped with monocrystalline solar panel and Li-ion battery.
- ✓ Crafted with high-quality materials to withstand outdoor elements, ensuring longevity and resilience.
- ✓ Designed to complement outdoor landscapes with a stylish and aesthetically pleasing appearance.settings.
- ✓ Provides soft and diffused illumination, creating a welcoming and visually appealing atmosphere.
- ✓ Sleek and Space-Saving Structure.
- ✓ Designed for straightforward installation in outdoor environments, enhancing flexibility and convenience.
- ✓ Extended Durability with a Lifespan of Up to 30,000 Hours L80.

Product Specifications:

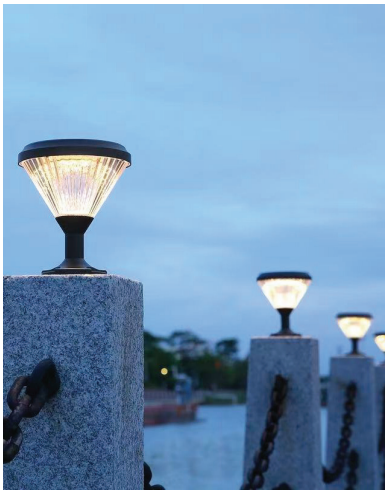
- ✓ Housing: Die-Cast Aluminum
- ✓ Diffuser: Clear Polycarbonate
- ✓ Outstanding Working Temp: 0~50°C
- ✓ Color Render Index > 70
- ✓ Battery: 3.2V/12000mAh
- ✓ Solar Panel: 5V/10W
- ✓ Charging Time: 3-5H

Model Selection

Model No.	Wattage	Dimension (mm) øxH
FESWT4-009	9 W	185x225
FESWT4-015	15 W	260x330

Selectable Options

CCT	Housing
3000K	Black



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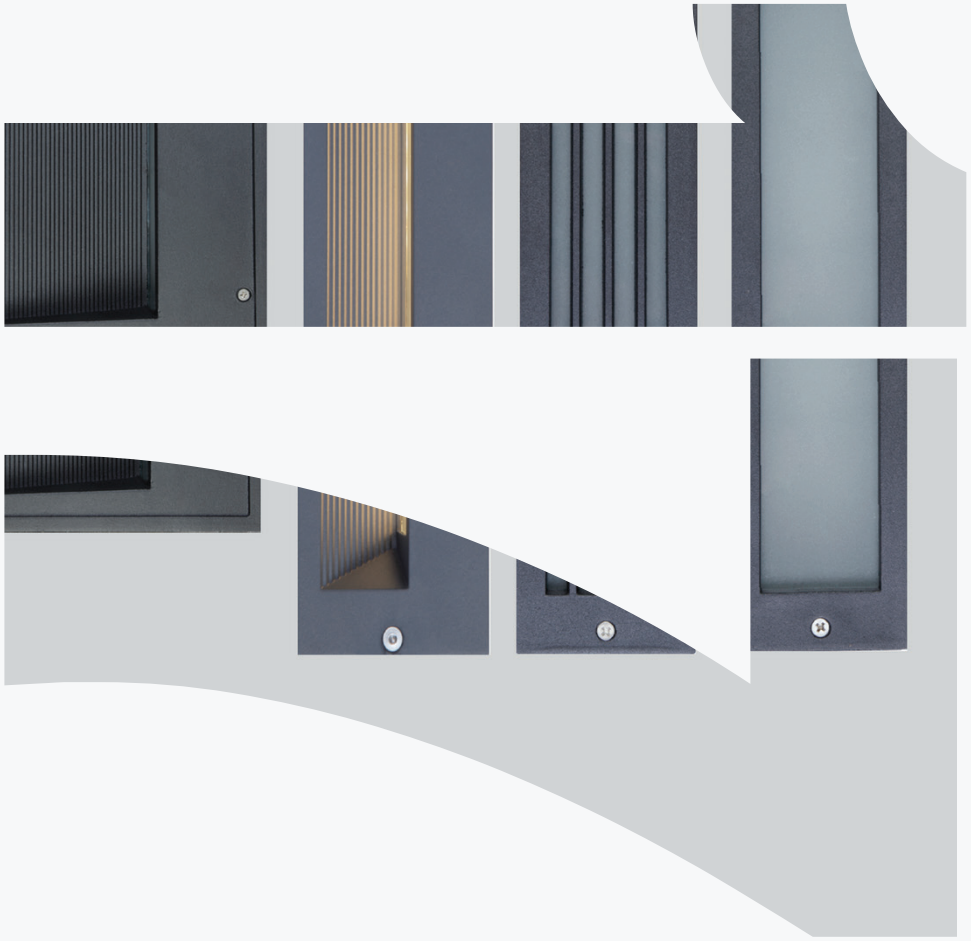
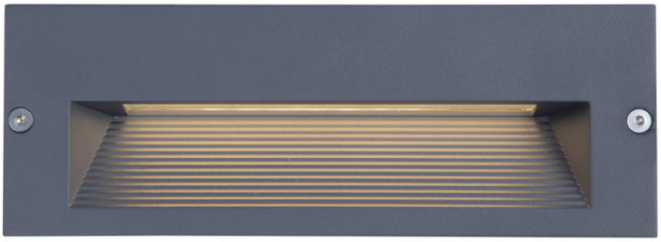


WALL RECESSED LIGHT

FRATER®
SPAIN SINCE 1999

Wall Recessed WR01



- IP65
- Class I
- AC110-240V
- Wall Recessed Luminaire
- Highly recyclable
- 50k Hours Lifetime

Product Features:

- ✓ Crafted with high-quality materials to withstand outdoor elements, ensuring longevity and resilience.
- ✓ Designed to complement outdoor landscapes with a stylish and aesthetically pleasing appearance.settings.
- ✓ Provides soft and diffused illumination, creating a welcoming and visually appealing atmosphere.
- ✓ Sleek and Space-Saving Structure.
- ✓ Designed for straightforward installation in outdoor environments, enhancing flexibility and convenience.
- ✓ Extended Durability with a Lifespan of Up to 50,000 Hours L80.

Product Specifications:

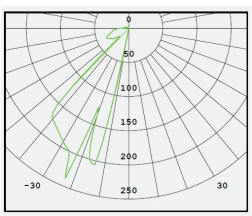
- ✓ Housing: Die-Cast Aluminum Body
- ✓ Diffuser: Clear Glass
- ✓ Outstanding Working Temp: 0~50°C
- ✓ Color Render Index > 80

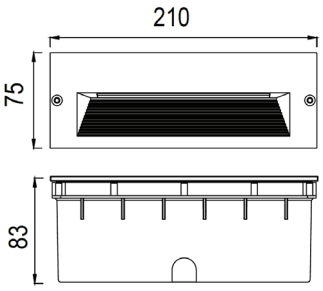
Model Selection

Model No.	Wattage	Lumen	Dimension (mm)WxLxD
WR01-010	10 W	400 lm	210x75x83

Selectable Options

CCT	Housing
3000K	Black
4000K	Grey
6500K	





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SPAIN SINCE 1999

Wall Recessed WR02

IP65

Class I

AC110-240V

Wall Recessed Luminaire

Highly recyclable

50k Hours Lifetime

Product Features:

- ✓ Crafted with high-quality materials to withstand outdoor elements, ensuring longevity and resilience.
- ✓ Designed to complement outdoor landscapes with a stylish and aesthetically pleasing appearance.settings.
- ✓ Provides soft and diffused illumination, creating a welcoming and visually appealing atmosphere.
- ✓ Sleek and Space-Saving Structure.
- ✓ Designed for straightforward installation in outdoor environments, enhancing flexibility and convenience.
- ✓ Extended Durability with a Lifespan of Up to 50,000 Hours L80.

Product Specifications:

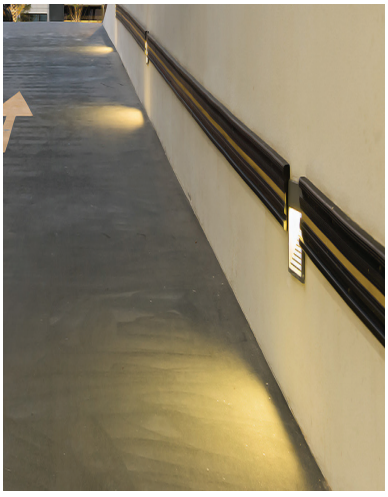
- ✓ Housing: Die-Cast Aluminum Body
- ✓ Diffuser: Clear Glass
- ✓ Outstanding Working Temp: 0~50°C
- ✓ Color Render Index > 80

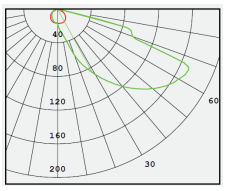
Model Selection

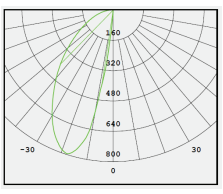
Model No.	Wattage	Lumen	Dimension (mm)WxLxD
WR02-006	6 W	160 lm	110x110x98
WR02-010	10 W	285 lm	246x246x87
WR02-015	15 W	400 lm	246x246x87
WR02-020	20 W	525 lm	246x246x87
WR02-025	25 W	650 lm	246x246x87

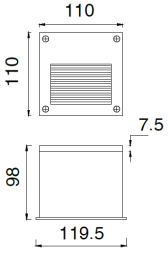
Selectable Options

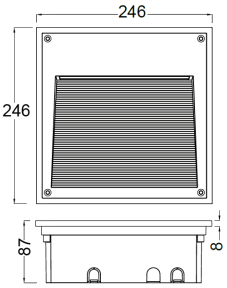
CCT	Housing
3000K	Black
4000K	Grey
6500K	











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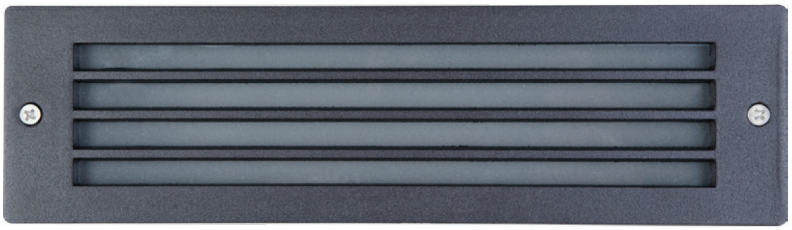
SPAIN SINCE 1999

Wall Recessed WR03

- IP65
- Class I
- AC110-240V
- Wall Recessed Luminaire
- Highly recyclable
- 50k Hours Lifetime



Product Features:

- ✓ Crafted with high-quality materials to withstand outdoor elements, ensuring longevity and resilience.
- ✓ Designed to complement outdoor landscapes with a stylish and aesthetically pleasing appearance.settings.
- ✓ Provides soft and diffused illumination, creating a welcoming and visually appealing atmosphere.
- ✓ Sleek and Space-Saving Structure.
- ✓ Designed for straightforward installation in outdoor environments, enhancing flexibility and convenience.
- ✓ Extended Durability with a Lifespan of Up to 50,000 Hours L80.

Product Specifications:

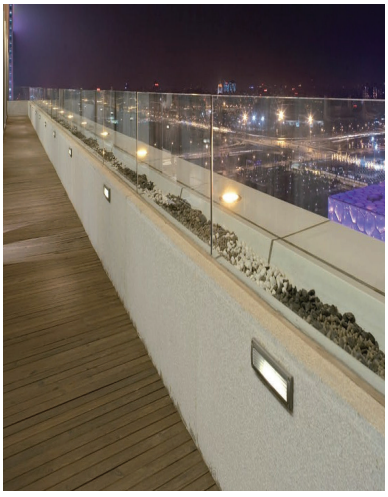
- ✓ Housing: Die-Cast Aluminum Body
- ✓ Diffuser: Clear Glass
- ✓ Outstanding Working Temp: 0~50°C
- ✓ Color Render Index > 80

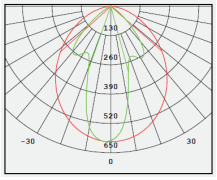
Model Selection

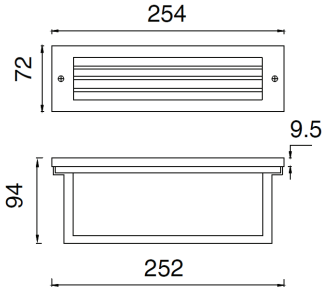
Model No.	Wattage	Lumen	Dimension (mm)WxLxD
WR03-010	10 W	500 lm	254x72x94
WR03-015	15 W	750 lm	254x72x94
WR03-020	20 W	900 lm	254x72x94

Selectable Options

CCT	Housing
3000K	Black
4000K	Grey
6500K	







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FRATER®
SPAIN SINCE 1999

Wall Recessed WR04

IP65

Class I

AC110-240V

Wall Recessed Luminaire

Highly recyclable

50k Hours Lifetime

Product Features:

- ✓ Crafted with high-quality materials to withstand outdoor elements, ensuring longevity and resilience.
- ✓ Designed to complement outdoor landscapes with a stylish and aesthetically pleasing appearance.settings.
- ✓ Provides soft and diffused illumination, creating a welcoming and visually appealing atmosphere.
- ✓ Sleek and Space-Saving Structure.
- ✓ Designed for straightforward installation in outdoor environments, enhancing flexibility and convenience.
- ✓ Extended Durability with a Lifespan of Up to 50,000 Hours L80.

Product Specifications:

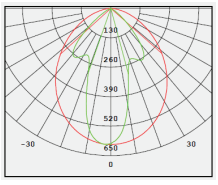
- ✓ Housing: Die-Cast Aluminum Body
- ✓ Diffuser: Clear Glass
- ✓ Outstanding Working Temp: 0~50°C
- ✓ Color Render Index > 80

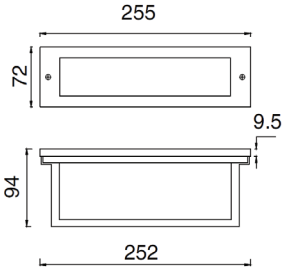
Model Selection

Model No.	Wattage	Lumen	Dimension (mm)WxLxD
WR04-010	10 W	900 lm	255x72x94
WR04-015	15 W	1300 lm	255x72x94
WR04-020	20 W	1800 lm	255x72x94

Selectable Options

CCT	Housing
3000K	Black
4000K	Grey
6500K	





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FRATER®
SPAIN SINCE 1999

Wall Recessed WR10

- IP65
- Class I
- AC220-240V, 50/60Hz
- Wall Recessed Luminaire
- Highly recyclable
- 50k Hours Lifetime

Product Features:

- ✓ Crafted with high-quality materials to withstand outdoor elements, ensuring longevity and resilience.
- ✓ Designed to complement outdoor landscapes with a stylish and aesthetically pleasing appearance.settings.
- ✓ Provides soft and diffused illumination, creating a welcoming and visually appealing atmosphere.
- ✓ Sleek and Space-Saving Structure.
- ✓ Designed for straightforward installation in outdoor environments, enhancing flexibility and convenience.
- ✓ Extended Durability with a Lifespan of Up to 50,000 Hours L80.

Product Specifications:

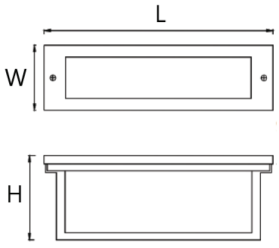
- ✓ Housing: Die-Cast Aluminum Body
- ✓ Diffuser: Clear Glass
- ✓ Outstanding Working Temp: 0~50°C
- ✓ Color Render Index > 80

Model Selection

Model No.	Wattage	Lumen	Dimension (mm)WxLxH
WR10-003	03W	150 lm	185x40x30

Selectable Options

CCT	Housing
3000K	Black
4000K	Grey
6500K	



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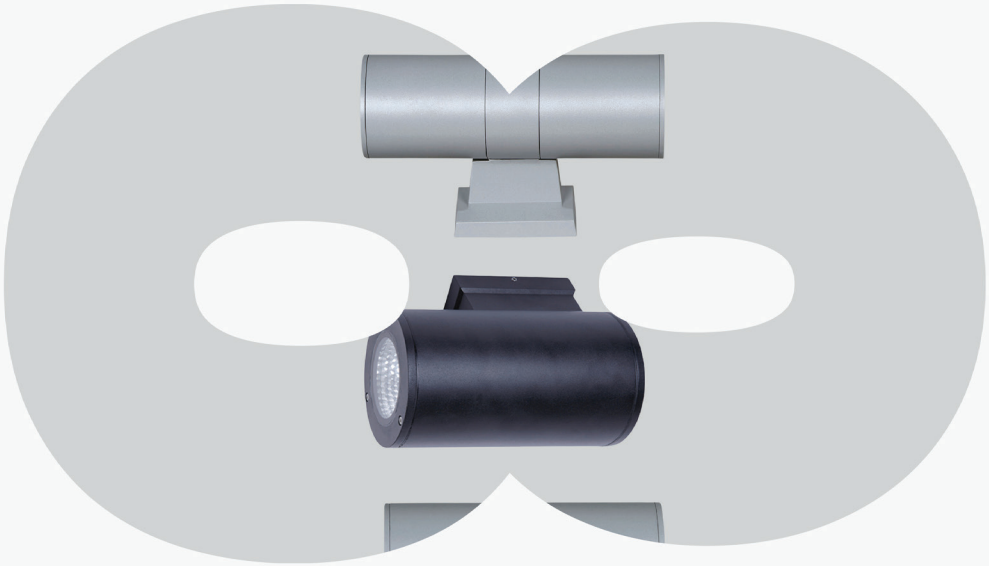


WALL LIGHT

FRATER®
SPAIN SINCE 1999

Wall Light Atria I

IP65

Class I

AC220-240V

Surface Wall Mounted

Highly recyclable

50K hours lifetime

Product Features:

- ✓ Crafted with high-quality materials to withstand outdoor elements, ensuring longevity and resilience.
- ✓ Creates an attractive and stylish ambiance on building facades walls, or outdoor spaces, enhancing the visual appeal of the area.
- ✓ Suitable for a wide range of outdoor applications, including architectural lighting, accentuating building features, and illuminating walkways.
- ✓ Sleek and Space-Saving Structure.
- ✓ Extended Durability with a Lifespan of Up to 50,000 Hours L80.

Product Specifications:

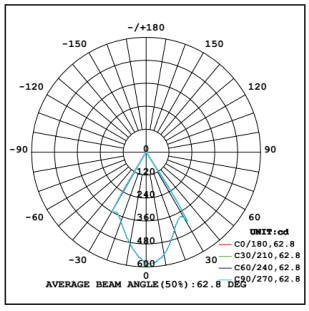
- ✓ Housing: Die-Cast Aluminum
- ✓ Diffuser: Tempered Glass
- ✓ Outstanding Temp: 0~50°C
- ✓ Delivered Lumen Output: 100lm/W
- ✓ Color Render Index > 80
- ✓ Power Factor > 0.9

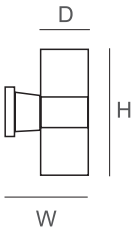
Model Selection

Model No.	Wattage	Lumen	Dimension (mm)DxHxW
WLA1-005	5 W	500 lm	65x170x116
WLA1-010	10 W	1000 lm	65x250x116

Selectable Options

CCT	Beam Angle	Body Color
2700K	60°	White
3000K		Black
4000K		Silver
5000K		Grey





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FRATER®
SPAIN SINCE 1999

IEC60598 LM79 / LM80 COMPLIANCE | Glowing Wire Test - 850°C | SDCM <3 | CE COMPLIANCE | RoHS

Wall Light Atria II

- IP65
- Class I
- AC220-240V
- Surface Wall Mounted
- Highly recyclable
- 50K hours lifetime

Product Features:

- ✓ Crafted with high-quality materials to withstand outdoor elements, ensuring longevity and resilience.
- ✓ Creates an attractive and stylish ambiance on building facades walls, or outdoor spaces, enhancing the visual appeal of the area.
- ✓ Suitable for a wide range of outdoor applications, including architectural lighting, accentuating building features, and illuminating walkways.
- ✓ Sleek and Space-Saving Structure.
- ✓ Extended Durability with a Lifespan of Up to 50,000 Hours L80.

Product Specifications:

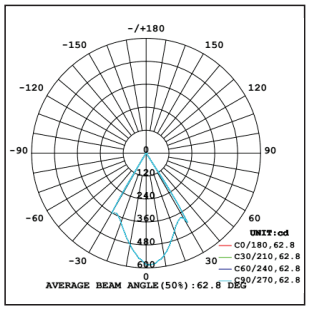
- ✓ Housing: Die-Cast Aluminum
- ✓ Diffuser: Tempered Glass
- ✓ Outstanding Temp: 0~50°C
- ✓ Delivered Lumen Output: 100lm/W
- ✓ Color Render Index > 80
- ✓ Power Factor > 0.9

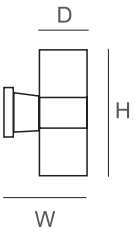
Model Selection

Model No.	Wattage	Lumen	Dimension (mm)DxHxW
WLA2-007	7 W	700 lm	92x255x155
WLA2-014	14 W	1400 lm	92x255x155

Selectable Options

CCT	Beam Angle	Body Color
2700K	60°	White
3000K		Black
4000K		Silver
5000K		Grey





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FRATER®
SPAIN SINCE 1999

IEC60598 LM79 / LM80 COMPLIANCE | Glowing Wire Test - 850°C | SDCM <3 | CE COMPLIANCE | RoHS

Wall Light Atria III

- IP65
- Class I
- AC220-240V
- Surface Wall Mounted
- Highly recyclable
- 50K hours lifetime

Product Features:

- ✓ Crafted with high-quality materials to withstand outdoor elements, ensuring longevity and resilience.
- ✓ Creates an attractive and stylish ambiance on building facades walls, or outdoor spaces, enhancing the visual appeal of the area.
- ✓ Suitable for a wide range of outdoor applications, including architectural lighting, accentuating building features, and illuminating walkways.
- ✓ Sleek and Space-Saving Structure.
- ✓ Extended Durability with a Lifespan of Up to 50,000 Hours L80.

Product Specifications:

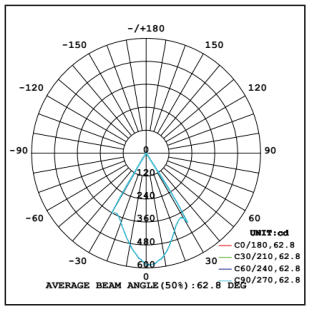
- ✓ Housing: Die-Cast Aluminum
- ✓ Diffuser: Tempered Glass
- ✓ Outstanding Temp: 0~50°C
- ✓ Delivered Lumen Output: 100lm/W
- ✓ Color Render Index > 80
- ✓ Power Factor > 0.9

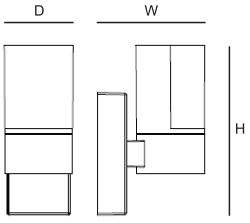
Model Selection

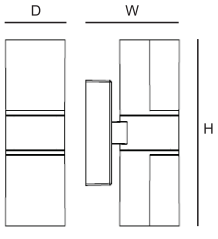
Model No.	Wattage	Lumen	Dimension (mm)DxHxW
WLA3-008	8 W	800 lm	80x195x124
WLA3-016	16 W	1600 lm	80x249x124
WLA3-D06	2x6 W	1200 lm	80x249x124

Selectable Options

CCT	Beam Angle	Body Color
2700K	60°	White
3000K		Black
4000K		Silver
5000K		Grey







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FRATER®
SPAIN SINCE 1999

IEC60598 LM79 / LM80 COMPLIANCE | Glowing Wire Test - 850°C | SDCM <3 | CE COMPLIANCE | RoHS

Wall Light Atria 6

- IP65
- Class I
- AC220-240V
- Wall Mounted Luminaire
- Highly recyclable
- 50K hours lifetime

Product Features:

- ✓ Crafted with high-quality materials to withstand outdoor elements, ensuring longevity and resilience.
- ✓ Creates an attractive and stylish ambiance on building facades walls, or outdoor spaces, enhancing the visual appeal of the area.
- ✓ Suitable for a wide range of outdoor applications, including architectural lighting, accentuating building features, and illuminating walkways.
- ✓ Sleek and Space-Saving Structure.
- ✓ Extended Durability with a Lifespan of Up to 50,000 Hours L80.

Product Specifications:

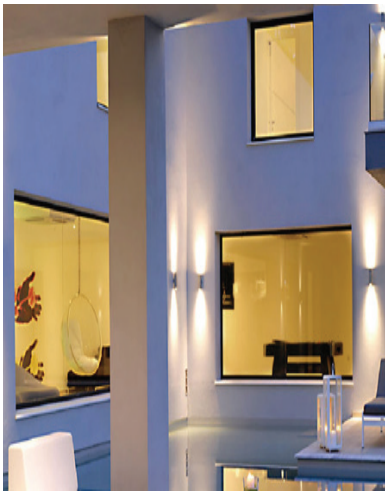
- ✓ Housing: Die-Cast Aluminum Body
- ✓ Diffuser: Tempered Glass
- ✓ Outstanding Working Temp: 0~50°C
- ✓ Delivered Lumen output: 90lm/W
- ✓ Color Render Index > 80

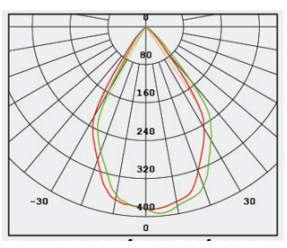
Model Selection

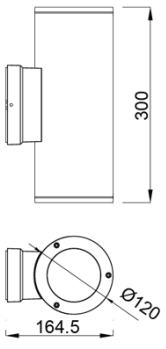
Model No.	Wattage	Lumen	Dimension (mm)DxHxW
WLA6-010	1x10 W	900 lm	120x218x165
WLA6-D10	2x10 W	1800 lm	120x300x165
WLA6-015	1x15 W	1350 lm	120x218x165
WLA6-D15	2x15 W	2700 lm	120x300x165

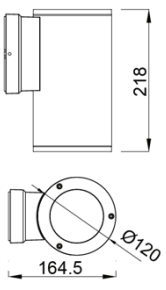
Selectable Options

CCT	Beam Angle	Body Color
2700K	60°	White
3000K		Black
4000K		Silver
6500K		Grey









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SPAIN SINCE 1999

IEC60598 LM79 / LM80 COMPLIANCE | Glowing Wire Test - 850°C | SDCM <3 | CE COMPLIANCE | RoHS

Wall Light Nunki I

- IP65
- Class II
- AC220-240V
- Surface Wall Mounted
- Highly recyclable
- 50K hours lifetime

Product Features:

- ✓ Crafted with high-quality materials to withstand outdoor elements, ensuring longevity and resilience.
- ✓ Creates an attractive and stylish ambiance on building facades walls, or outdoor spaces, enhancing the visual appeal of the area.
- ✓ Suitable for a wide range of outdoor applications, including architectural lighting, accentuating building features, and illuminating walkways.
- ✓ Sleek and Space-Saving Structure.
- ✓ Extended Durability with a Lifespan of Up to 50,000 Hours L80.

Product Specifications:

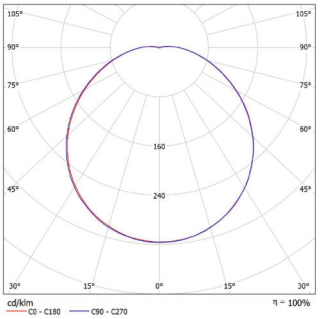
- ✓ Housing: Die-Cast Aluminum
- ✓ Diffuser: Opal Polycarbonate
- ✓ Outstanding Temp: 0~50°C
- ✓ Delivered Lumen Output: 100lm/W
- ✓ Color Render Index > 80
- ✓ Power Factor > 0.9

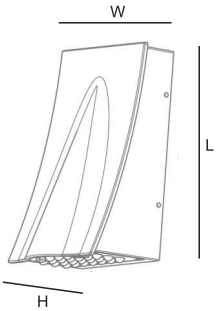
Model Selection

Model No.	Wattage	Lumen	Dimension (mm)LxWxH
WLN1-024	24 W	2400 lm	200x140x100

Selectable Options

CCT	Beam Angle	Body Color
2700K	100°	White
3000K		Black
4000K		Silver
5000K		Grey





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SPAIN SINCE 1999

IEC60598 LM79 / LM80 COMPLIANCE | Glowing Wire Test - 850°C | SDCM <3 | CE COMPLIANCE | RoHS

Wall Light Nunki II

IP65

Class I

AC220-240V

Surface Wall Mounted

Highly recyclable

50K hours lifetime

Product Features:

- ✓ Crafted with high-quality materials to withstand outdoor elements, ensuring longevity and resilience.
- ✓ Creates an attractive and stylish ambiance on building facades walls, or outdoor spaces, enhancing the visual appeal of the area.
- ✓ Suitable for a wide range of outdoor applications, including architectural lighting, accentuating building features, and illuminating walkways.
- ✓ Sleek and Space-Saving Structure.
- ✓ Extended Durability with a Lifespan of Up to 50,000 Hours L80.

Product Specifications:

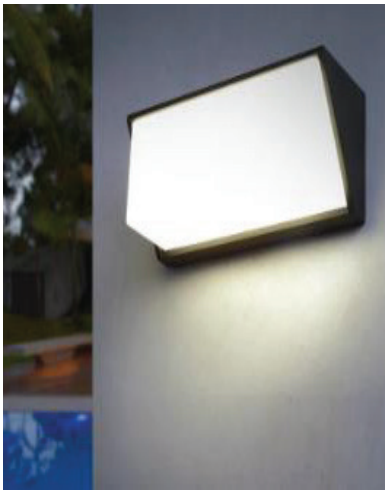
- ✓ Housing: Die-Cast Aluminum
- ✓ Diffuser: Opal Polycarbonate
- ✓ Outstanding Temp: 0~50°C
- ✓ Delivered Lumen Output: 100lm/W
- ✓ Color Render Index > 80
- ✓ Power Factor > 0.9

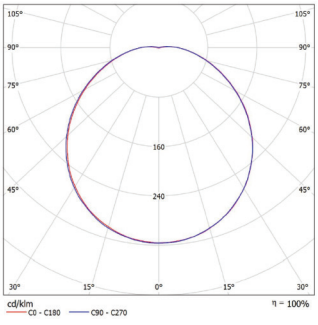
Model Selection

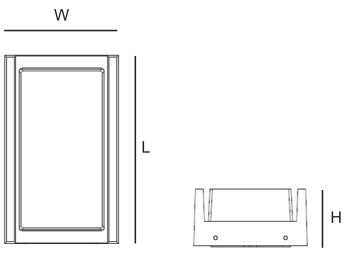
Model No.	Wattage	Lumen	Dimension (mm)LxWxH
WLN2-012	12 W	1200 lm	240x145x70

Selectable Options

CCT	Beam Angle	Body Color
3000K	100°	White
4000K		Black
6500K		Silver
		Grey







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SPAIN SINCE 1999

Wall Light Nunki III

- IP65
- Class I
- AC220-240V
- Surface Wall Mounted
- Highly recyclable
- 50K hours lifetime

Product Features:

- ✓ Crafted with high-quality materials to withstand outdoor elements, ensuring longevity and resilience.
- ✓ Creates an attractive and stylish ambiance on building facades walls, or outdoor spaces, enhancing the visual appeal of the area.
- ✓ Suitable for a wide range of outdoor applications, including architectural lighting, accentuating building features, and illuminating walkways.
- ✓ Sleek and Space-Saving Structure.
- ✓ Extended Durability with a Lifespan of Up to 50,000 Hours L80.

Product Specifications:

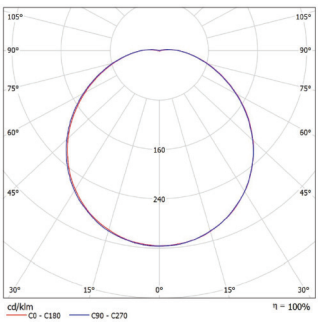
- ✓ Housing: Die-Cast Aluminum
- ✓ Diffuser: Opal Polycarbonate
- ✓ Outstanding Temp: 0~50°C
- ✓ Delivered Lumen Output: 100lm/W
- ✓ Color Render Index > 80
- ✓ Power Factor > 0.9

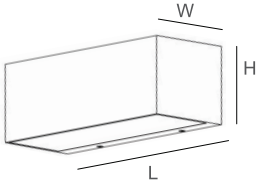
Model Selection

Model No.	Wattage	Lumen	Dimension (mm)LxWxH
WLN3-080	8 W	800 lm	140x90x86
WLN3-012	12 W	1200 lm	140x185x75
WLN3-020	20 W	2000 lm	220x105x85
WLN3-030	30 W	3000 lm	300x120x110

Selectable Options

CCT	Beam Angle	Body Color
2700K	100°	White
3000K		Black
4000K		Silver
5000K		Grey





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Wall Light NUNKI IV

- IP65
- Class I
- AC220-240V
- Surface Wall Mounted
- Highly recyclable
- 50K hours lifetime

Product Features:

- ✓ Crafted with high-quality materials to withstand outdoor elements, ensuring longevity and resilience.
- ✓ Creates an attractive and stylish ambiance on building facades walls, or outdoor spaces, enhancing the visual appeal of the area.
- ✓ Suitable for a wide range of outdoor applications, including architectural lighting, accentuating building features, and illuminating walkways.
- ✓ Sleek and Space-Saving Structure.
- ✓ Extended Durability with a Lifespan of Up to 50,000 Hours L80.

Product Specifications:

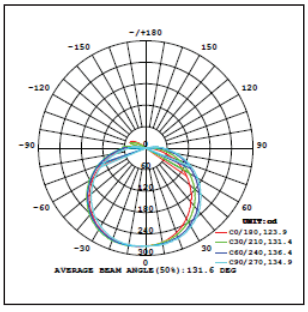
- ✓ Housing: Die-Cast Aluminum
- ✓ Diffuser: Opal PC
- ✓ Outstanding Temp: 0~50°C
- ✓ Delivered Lumen Output: 100lm/W
- ✓ Color Render Index > 80
- ✓ Power Factor > 0.9

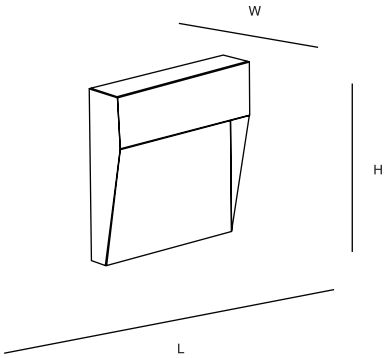
Model Selection

Model No.	Wattage	Lumen	Dimension (mm)LxWxH
WLN4-020	20 W	1100 lm	200x160x45

Selectable Options

CCT	Beam Angle	Body Color
3000K	100°	Black
4000K		
5000K		





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SPAIN SINCE 1999

IEC60598 LM79 / LM80 COMPLIANCE | Glowing Wire Test - 850°C | SDCM <3 | CE COMPLIANCE | RoHS

Wall Light WL01

IP65

Class I

AC110-240V

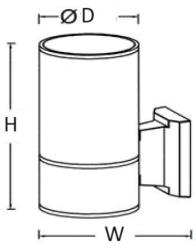
Wall Mounted Luminaire

Highly recyclable

50K hours lifetime

Product Features:

- ✓ Crafted with high-quality materials to withstand outdoor elements, ensuring longevity and resilience.
- ✓ Creates an attractive and stylish ambiance on building facades walls, or outdoor spaces, enhancing the visual appeal of the area.
- ✓ Suitable for a wide range of outdoor applications, including architectural lighting, accentuating building features, and illuminating walkways.
- ✓ Sleek and Space-Saving Structure.
- ✓ Extended Durability with a Lifespan of Up to 50,000 Hours L80.



Product Specifications:

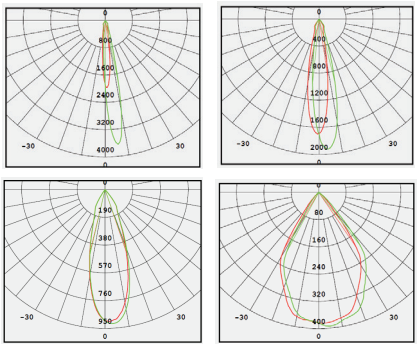
- ✓ Housing: Die-Cast Aluminum Body
- ✓ Diffuser: Clear Tempered Glass
- ✓ Outstanding Working Temp: 0~50°C
- ✓ Delivered Lumen output: 100lm/W
- ✓ Color Render Index > 80

Model Selection

Model No.	Wattage	Lumen	Dimension (mm)DxHxW
WL01-003	3 W	300 lm	65x160x115
WL01-006	6 W	600 lm	90x160x140
WL01-010	10 W	1000 lm	108x200x160
WL01-015	15 W	1500 lm	145x200x200
WL01-024	24 W	2400 lm	160x200x200

Selectable Options

CCT	Beam Angle	Body Color
3000K	15°	Black
4000K	24°	Grey
6500K	36°	White
	60°	



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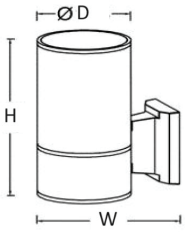
SPAIN SINCE 1999

Wall Light WL02

- IP65
- Class I
- AC110-240V
- Wall Mounted Luminaire
- Highly recyclable
- 50K hours lifetime

Product Features:

- ✓ Crafted with high-quality materials to withstand outdoor elements, ensuring longevity and resilience.
- ✓ Creates an attractive and stylish ambiance on building facades walls, or outdoor spaces, enhancing the visual appeal of the area.
- ✓ Suitable for a wide range of outdoor applications, including architectural lighting, accentuating building features, and illuminating walkways.
- ✓ Sleek and Space-Saving Structure.
- ✓ Extended Durability with a Lifespan of Up to 50,000 Hours L80.



Product Specifications:

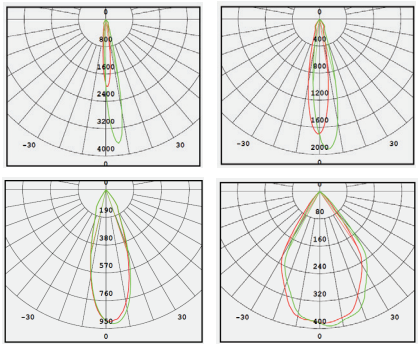
- ✓ Housing: Die-Cast Aluminum Body
- ✓ Diffuser: Clear Tempered Glass
- ✓ Outstanding Working Temp: 0~50°C
- ✓ Delivered Lumen output: 100lm/W
- ✓ Color Render Index > 80

Model Selection

Model No.	Wattage	Lumen	Dimension (mm)DxHxW
WL02-D03	2x3 W	2x300 lm	65x160x115
WL02-D06	2x6 W	2x600 lm	90x260x140
WL02-D10	2x10 W	2x1000 lm	108x300x160
WL02-D15	2x15 W	2x1500 lm	145x300x200
WL02-D24	2x24 W	2x2400 lm	160x300x220

Selectable Options

CCT	Beam Angle	Body Color
3000K	15°	Black
4000K	24°	Grey
6500K	36°	White
	60°	



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SPAIN SINCE 1999

Wall Light WL03

IP65

Class I

AC110-240V

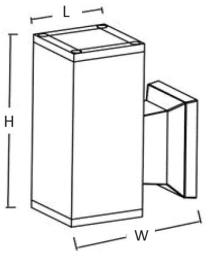
Wall Mounted Luminaire

Highly recyclable

50K hours lifetime

Product Features:

- ✓ Crafted with high-quality materials to withstand outdoor elements, ensuring longevity and resilience.
- ✓ Creates an attractive and stylish ambiance on building facades walls, or outdoor spaces, enhancing the visual appeal of the area.
- ✓ Suitable for a wide range of outdoor applications, including architectural lighting, accentuating building features, and illuminating walkways.
- ✓ Sleek and Space-Saving Structure.
- ✓ Extended Durability with a Lifespan of Up to 50,000 Hours L80.



Product Specifications:

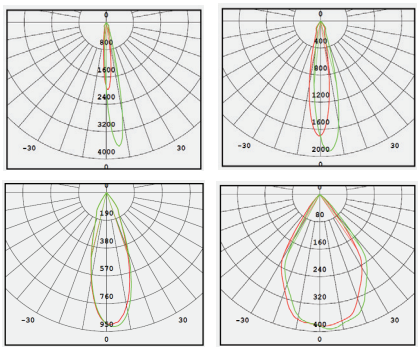
- ✓ Housing: Die-Cast Aluminum Body
- ✓ Diffuser: Clear Tempered Glass
- ✓ Outstanding Working Temp: 0~50°C
- ✓ Delivered Lumen output: 100lm/W
- ✓ Color Render Index > 80

Model Selection

Model No.	Wattage	Lumen	Dimension (mm)LxHxW
WL03-003	3 W	300 lm	65x160x115
WL03-006	6 W	600 lm	90x160x140
WL03-010	10 W	1000 lm	120x200x190
WL03-015	15 W	1500 lm	150x200x210

Selectable Options

CCT	Beam Angle	Body Color
3000K	15°	Black
4000K	24°	Grey
6500K	36°	White
	60°	



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Wall Light WL04

IP65

Class I

AC110-240V

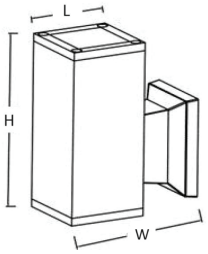
Wall Mounted Luminaire

Highly recyclable

50K hours lifetime

Product Features:

- ✓ Crafted with high-quality materials to withstand outdoor elements, ensuring longevity and resilience.
- ✓ Creates an attractive and stylish ambiance on building facades walls, or outdoor spaces, enhancing the visual appeal of the area.
- ✓ Suitable for a wide range of outdoor applications, including architectural lighting, accentuating building features, and illuminating walkways.
- ✓ Sleek and Space-Saving Structure.
- ✓ Extended Durability with a Lifespan of Up to 50,000 Hours L80.



Product Specifications:

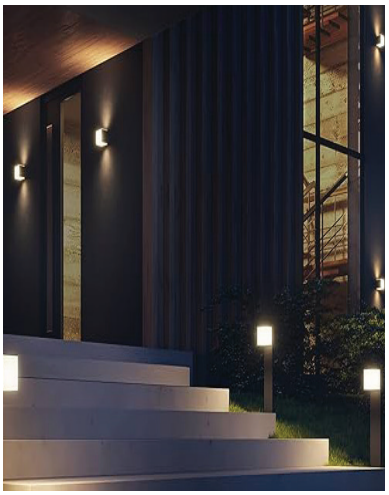
- ✓ Housing: Die-Cast Aluminum Body
- ✓ Diffuser: Clear Tempered Glass
- ✓ Outstanding Working Temp: 0~50°C
- ✓ Delivered Lumen output: 100lm/W
- ✓ Color Render Index > 80

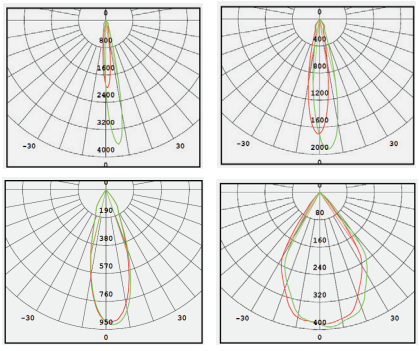
Model Selection

Model No.	Wattage	Lumen	Dimension (mm)LxHxW
WL04-003	2x3 W	2x300 lm	65x160x115
WL04-006	2x6 W	2x600 lm	90x260x140
WL04-010	2x10 W	2x1000 lm	120x300x190
WL04-015	2x15 W	2x1500 lm	150x300x210

Selectable Options

CCT	Beam Angle	Body Color
3000K	15°	Black
4000K	24°	Grey
6500K	36°	White
	60°	





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IEC60598 LM79 / LM80 COMPLIANCE | Glowing Wire Test - 850°C | SDCM <3 | CE COMPLIANCE | RoHS

Wall Light WL05

IP65

Class I

AC110-240V

Wall Mounted Luminaire

Highly recyclable

50K hours lifetime

Product Features:

- ✓ Crafted with high-quality materials to withstand outdoor elements, ensuring longevity and resilience.
- ✓ Creates an attractive and stylish ambiance on building facades walls, or outdoor spaces, enhancing the visual appeal of the area.
- ✓ Suitable for a wide range of outdoor applications, including architectural lighting, accentuating building features, and illuminating walkways.
- ✓ Sleek and Space-Saving Structure.
- ✓ Extended Durability with a Lifespan of Up to 50,000 Hours L80.

Product Specifications:

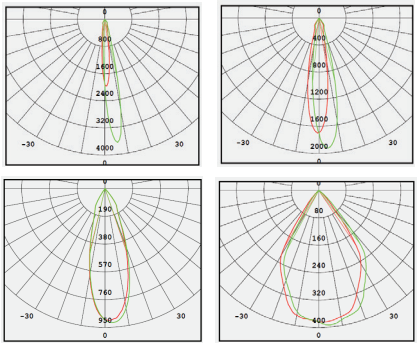
- ✓ Housing: Die-Cast Aluminum Body
- ✓ Diffuser: Clear Tempered Glass
- ✓ Outstanding Working Temp: 0~50°C
- ✓ Delivered Lumen output: 90lm/W
- ✓ Color Render Index > 80

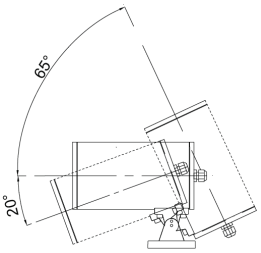
Model Selection

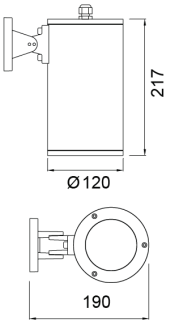
Model No.	Wattage	Lumen	Dimension (mm)DxHxW
WL05-010	10 W	900 lm	120x217x190
WL05-015	15 W	1350 lm	120x217x190

Selectable Options

CCT	Beam Angle	Body Color
3000K	15°	Black
4000K	24°	Grey
6500K	36°	White
	60°	







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FRATER®
SPAIN SINCE 1999

Wall Light WL06

IP65

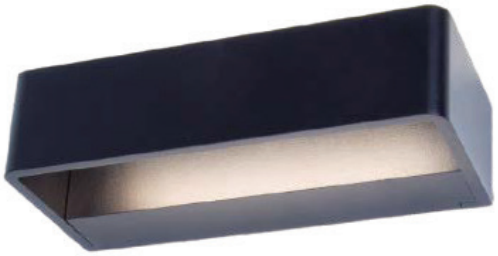
Class I

AC110-240V

Wall Mounted Luminaire

Highly recyclable

50K hours lifetime

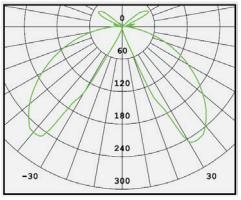


Product Features:

- ✓ Crafted with high-quality materials to withstand outdoor elements, ensuring longevity and resilience.
- ✓ Creates an attractive and stylish ambiance on building facades walls, or outdoor spaces, enhancing the visual appeal of the area.
- ✓ Suitable for a wide range of outdoor applications, including architectural lighting, accentuating building features, and illuminating walkways.
- ✓ Sleek and Space-Saving Structure.
- ✓ Extended Durability with a Lifespan of Up to 50,000 Hours L80.

Product Specifications:

- ✓ Housing: Die-Cast Aluminum Body
- ✓ Diffuser: Clear Tempered Glass
- ✓ Outstanding Working Temp: 0~50°C
- ✓ Delivered Lumen output: 40lm/W
- ✓ Color Render Index > 80

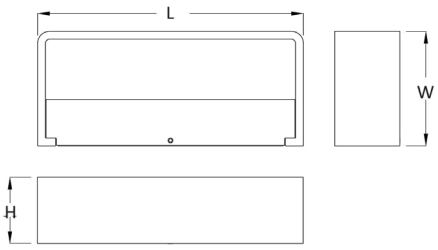


Model Selection

Model No.	Wattage	Lumen	Dimension (mm)LxWxH
WL06-007	7 W	280 lm	155x110x65
WL06-010	10 W	400 lm	200x105x65
WL06-015	15 W	600 lm	255x110x65

Selectable Options

CCT	Beam Angle	Body Color
3000K	60°	Black
4000K		Grey
6500K		White



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FRATER®
SPAIN SINCE 1999

IEC60598 LM79 / LM80 COMPLIANCE | Glowing Wire Test - 850°C | SDCM <3 | CE COMPLIANCE | RoHS COMPLIANT

Wall Pack WP10 - V.02

- IP66
- Class I
- AC110-240V
- Wall Mounted Luminaire
- Highly recyclable
- Integrated Photocell Sensor
- Tunable CCT
- 50K hours lifetime

Product Features:

- ✓ Crafted with high-quality materials to withstand outdoor elements, ensuring longevity and resilience.
- ✓ Creates an attractive and stylish ambiance on building facades walls, or outdoor spaces, enhancing the visual appeal of the area.
- ✓ Suitable for a wide range of outdoor applications, including architectural lighting, accentuating building features, and illuminating walkways.
- ✓ Sleek and Space-Saving Structure.
- ✓ Extended Durability with a Lifespan of Up to 50,000 Hours L80.

Product Specifications:

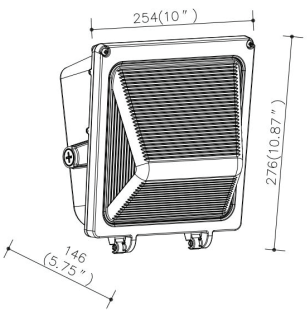
- ✓ Housing: Die-Cast Aluminum
- ✓ Diffuser: Borosilicate Glass
- ✓ Outstanding Working Temp: 0~50°C
- ✓ Delivered Lumen output: 120lm/W
- ✓ Color Render Index > 80

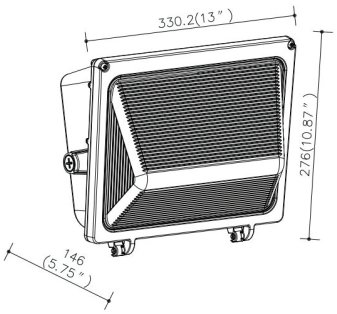
Model Selection

Model No.	Wattage	Lumen	Dimension (mm)DxHxW
WP10-065	35-45-65 W	Up to 8450 lm	254x276x146
WP10-120	80-100-120 W	Up to 15,600 lm	330x276x146

Selectable Options

CCT	Beam Angle	Body Color
3000K	90° x 120°	Black
4000K		Grey
6500K		White





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SPIKE LIGHT

FRATER®
SPAIN SINCE 1999

IEC60598 LM79 / LM80 COMPLIANCE | Glowing Wire Test - 850°C | SDCM <3 | CE COMPLIANCE | RoHS

Spike Light SP01

- IP65
- Class I
- AC110-240V
- Spike/Ground Mounted Luminaire
- Highly recyclable
- 50k Hours Lifetime

Product Features:

- ✓ Crafted with high-quality materials to withstand outdoor elements, ensuring longevity and resilience.
- ✓ Designed with a spike or stand for easy installation in various outdoor settings, such as gardens, pathways, or landscapes.
- ✓ Provides powerful and efficient illumination, enhancing visibility and aesthetics in outdoor spaces.
- ✓ Designed for straightforward installation, allowing users to position the light precisely where it's needed.
- ✓ Sleek and Space-Saving Structure.
- ✓ Extended Durability with a Lifespan of Up to 50,000 Hours L80.

Product Specifications:

- ✓ Housing: Die-Cast Aluminum Body
- ✓ Diffuser: Clear Tempered Glass
- ✓ Outstanding Working Temp: 0~50°C
- ✓ Delivered Lumen Output: 90-100lm/W
- ✓ Color Render Index > 80

Model Selection

Model No.	Wattage	Lumen	Dimension (mm)DxH
SP01-003	3 W	300 lm	64x92
SP01-006	6 W	600 lm	64x92
SP01-010	10 W	900 lm	80x126
SP01-015	15 W	1350 lm	80x126

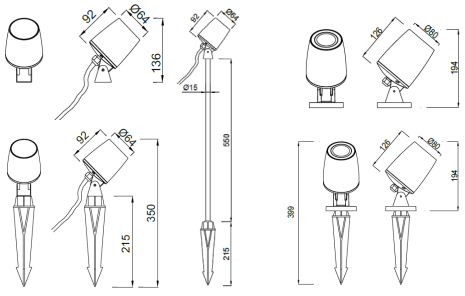
Selectable Options

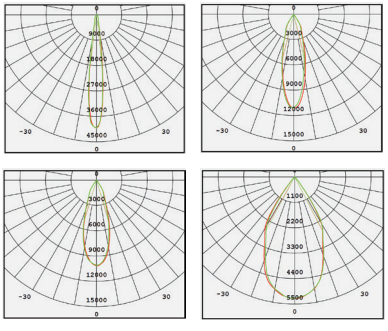
CCT	Beam Angle	Housing
3000K	15°	Black
4000K	24°	Grey
6500K	36°	White
	60°	

Accessories

with spike

with spike and pole





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FRATER®
SPAIN SINCE 1999

IEC60598 LM79 / LM80 COMPLIANCE | Glowing Wire Test - 850°C | SDCM <3 | CE COMPLIANCE | RoHS

Spike Light SP02

- IP65
- Class I
- AC110-240V
- Spike/Ground Mounted Luminaire
- Highly recyclable
- 50k Hours Lifetime

Product Features:

- ✓ Crafted with high-quality materials to withstand outdoor elements, ensuring longevity and resilience.
- ✓ Designed with a spike or stand for easy installation in various outdoor settings, such as gardens, pathways, or landscapes.
- ✓ Provides powerful and efficient illumination, enhancing visibility and aesthetics in outdoor spaces.
- ✓ Designed for straightforward installation, allowing users to position the light precisely where it's needed.
- ✓ Sleek and Space-Saving Structure.
- ✓ Extended Durability with a Lifespan of Up to 50,000 Hours L80.

Product Specifications:

- ✓ Housing: Die-Cast Aluminum Body
- ✓ Diffuser: Clear Tempered Glass
- ✓ Outstanding Working Temp: 0~50°C
- ✓ Delivered Lumen Output: 90lm/W
- ✓ Color Render Index > 80

Model Selection

Model No.	Wattage	Lumen	Dimension (mm)DxH
SP02-020	20 W	1800 lm	102x168
SP02-025	25 W	2250 lm	102x168
SP02-030	30 W	2700 lm	146x220
SP02-045	45 W	4050 lm	146x220

Selectable Options

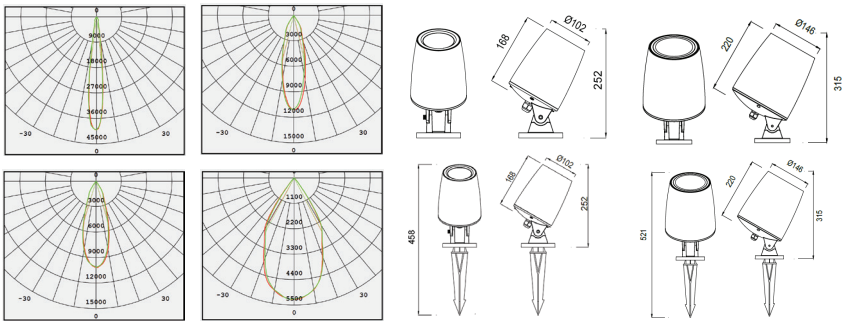
CCT	Beam Angle	Housing
3000K	15°	Black
4000K	24°	Grey
6500K	36°	
	60°	

Accessories

with spike

with Anti-glare

Pole bracket I (for one head)
Pole bracket II (for two heads)



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FRATER®
SPAIN SINCE 1999

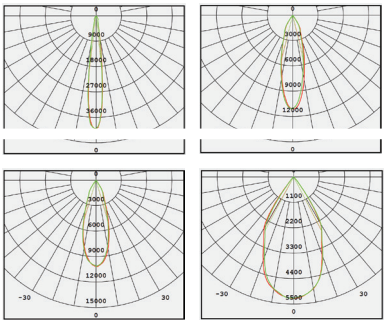
IEC60598 LM79 / LM80 COMPLIANCE | Glowing Wire Test - 850°C | SDCM <3 | CE COMPLIANCE | RoHS COMPLIANT

Spike Light SP03

- IP65
- Class I
- AC110-240V
- Ground Mounted Luminaire
- Highly recyclable
- 50k Hours Lifetime

Product Features:

- ✓ Crafted with high-quality materials to withstand outdoor elements, ensuring longevity and resilience.
- ✓ Designed with a spike or stand for easy installation in various outdoor settings, such as gardens, pathways, or landscapes.
- ✓ Provides powerful and efficient illumination, enhancing visibility and aesthetics in outdoor spaces.
- ✓ Designed for straightforward installation, allowing users to position the light precisely where it's needed.
- ✓ Sleek and Space-Saving Structure.
- ✓ Extended Durability with a Lifespan of Up to 50,000 Hours L80.

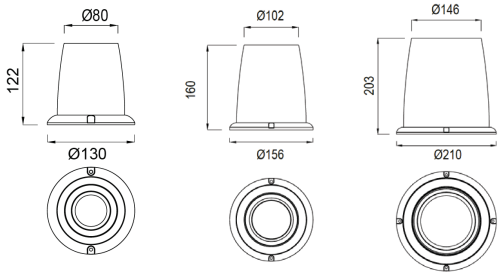


Product Specifications:

- ✓ Housing: Die-Cast Aluminum Body
- ✓ Diffuser: Clear Tempered Glass
- ✓ Outstanding Working Temp: 0~50°C
- ✓ Delivered Lumen Output: 90lm/W
- ✓ Color Render Index > 80

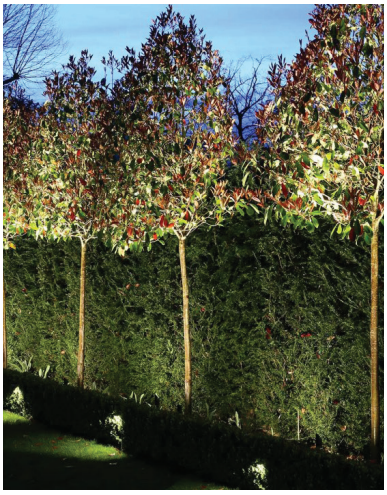
Model Selection

Model No.	Wattage	Lumen	Dimension (mm)DxH
SP03-010	10 W	900 lm	80x122
SP03-015	15 W	1350 lm	80x122
SP03-020	20 W	1800 lm	102x160
SP03-025	25 W	2250 lm	102x160
SP03-030	30 W	2700 lm	146x203
SP03-045	45 W	4050 lm	146x203



Selectable Options

CCT	Beam Angle	Housing
3000K	15°	Black
4000K	24°	Grey
6500K	36°	
	60°	



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FRATER®
SPAIN SINCE 1999

IEC60598 LM79 / LM80 COMPLIANCE | Glowing Wire Test - 850°C | SDCM <3 | CE COMPLIANCE | RoHS

Spike Light SP04

- IP67
- Class I
- AC110-240V
- Spike/Ground Mounted Luminaire
- Highly recyclable
- 50k Hours Lifetime

Product Features:

- ✓ Crafted with high-quality materials to withstand outdoor elements, ensuring longevity and resilience.
- ✓ Designed with a spike or stand for easy installation in various outdoor settings, such as gardens, pathways, or landscapes.
- ✓ Provides powerful and efficient illumination, enhancing visibility and aesthetics in outdoor spaces.
- ✓ Designed for straightforward installation, allowing users to position the light precisely where it's needed.
- ✓ Sleek and Space-Saving Structure.
- ✓ Extended Durability with a Lifespan of Up to 50,000 Hours L80.

Product Specifications:

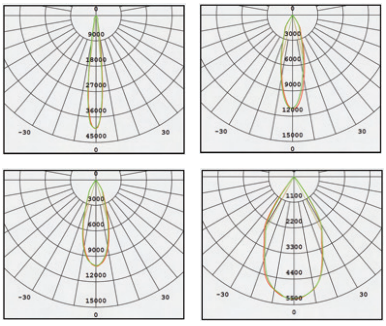
- ✓ Housing: Die-Cast Aluminum Body
- ✓ Diffuser: Clear Tempered Glass
- ✓ Outstanding Working Temp: 0~50°C
- ✓ Delivered Lumen Output: 90-100lm/W
- ✓ Color Render Index > 80

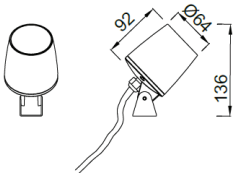
Model Selection

Model No.	Wattage	Lumen	Dimension (mm)DxH
SP04-003	3 W	300 lm	64x92
SP04-006	6 W	600 lm	64x92
SP04-010	10 W	900 lm	80x126

Selectable Options

CCT	Beam Angle	Housing
3000K	15°	Black
4000K	24°	Grey
6500K	36°	White
	60°	





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FRATER®
SPAIN SINCE 1999

IEC60598 LM79 / LM80 COMPLIANCE | Glowing Wire Test - 850°C | SDCM <3 | CE COMPLIANCE | RoHS

Spike Light SP08

- IP67
- Class I
- AC220-240V
- Spike/Ground Mounted Luminaire
- Highly recyclable
- 50k Hours Lifetime

Product Features:

- ✓ Crafted with high-quality materials to withstand outdoor elements, ensuring longevity and resilience.
- ✓ Designed with a spike or stand for easy installation in various outdoor settings, such as gardens, pathways, or landscapes.
- ✓ Provides powerful and efficient illumination, enhancing visibility and aesthetics in outdoor spaces.
- ✓ Designed for straightforward installation, allowing users to position the light precisely where it's needed.
- ✓ Sleek and Space-Saving Structure.
- ✓ Extended Durability with a Lifespan of Up to 50,000 Hours L80.

Product Specifications:

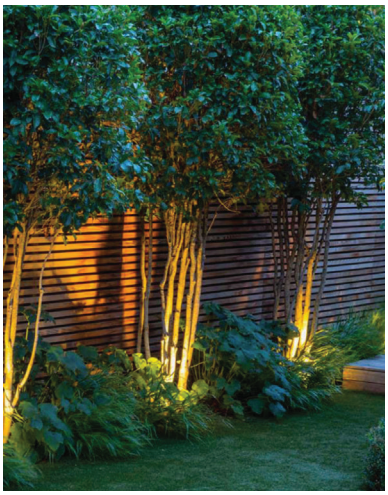
- ✓ Housing: Die-Cast Aluminum Body
- ✓ Diffuser: Clear Tempered Glass
- ✓ Outstanding Working Temp: 0~50°C
- ✓ Delivered Lumen Output: 50~55lm/W
- ✓ Color Render Index > 90

Model Selection

Model No.	Wattage	Lumen	Dimension (mm)DxH
SP08-008	8 W	430 lm	47x95

Selectable Options

CCT	Beam Angle	Housing
3000K	15°	Black
4000K	24°	Grey
6500K		White



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FRATER®
SPAIN SINCE 1999

IEC60598 LM79 / LM80 COMPLIANCE | Glowing Wire Test - 850°C | SDCM ≤3 | CE COMPLIANCE | RoHS

Spike Light SP20

- IP67
- Class I
- DC24V
- Spike/Ground Mounted Luminaire
- Highly recyclable
- 50k Hours Lifetime

Product Features:

- ✓ Crafted with high-quality materials to withstand outdoor elements, ensuring longevity and resilience.
- ✓ Designed with a spike or stand for easy installation in various outdoor settings, such as gardens, pathways, or landscapes.
- ✓ Designed for straightforward installation, allowing users to position the light precisely where it's needed.
- ✓ Sleek and Space-Saving Structure.
  Extended Durability with a Lifespan of Up to 50,000 Hours L80.

Product Specifications:

- ✓ Housing: ABS
- ✓ Diffuser: Acrylic
- ✓ Outstanding Working Temp: 0~50°C

Model Selection

Model No.	Wattage	Lumen	Dimension (mm)DxH
SP20-002	2W	20 lm	25x650/800/1100

Selectable Options

CCT
3000K
4000K
6500K

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BOLLARD LIGHT

FRATER®
SPAIN SINCE 1999

Bollard Light BL01

- IP65
- Class I
- AC110-240V
- Ground Mounted Luminaire
- Highly recyclable
- 50k Hours Lifetime

Product Features:

- ✓ Crafted with high-quality materials to withstand outdoor elements, ensuring longevity and resilience.
- ✓ Designed to complement outdoor landscapes with a stylish and aesthetically pleasing appearance.settings.
- ✓ Provides soft and diffused illumination, creating a welcoming and visually appealing atmosphere.
- ✓ Sleek and Space-Saving Structure.
- ✓ Designed for straightforward installation in outdoor environments, enhancing flexibility and convenience.
- ✓ Extended Durability with a Lifespan of Up to 50,000 Hours L80.

Product Specifications:

- ✓ Housing: Die-Cast Aluminum Body
- ✓ Pole: Extruded Aluminum
- ✓ Diffuser: Glass
- ✓ Outstanding Working Temp: 0~50°C
- ✓ Color Render Index > 80

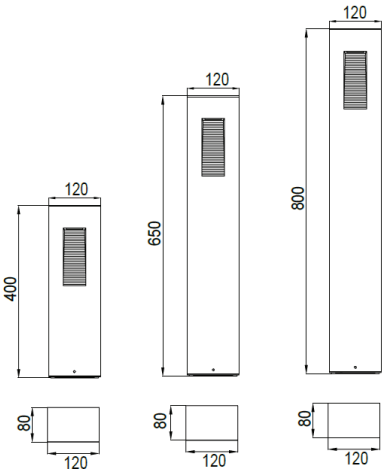
Model Selection

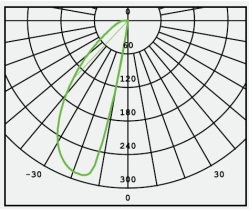
Model No.	Wattage	Lumen	Dimension (mm)WxLxH
BL01-010	10 W	500 lm	120x80x400

* Available in 6500mm & 800mm Heights

Selectable Options

CCT	Housing
3000K	Black
4000K	Grey
6500K	





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FRATER®
SPAIN SINCE 1999

IEC60598 LM79 / LM80 COMPLIANCE | Glowing Wire Test - 850°C | SDCM <3 | CE COMPLIANCE | RoHS

Bollard Light BL02

- IP65
- Class I
- AC110-240V
- Ground Mounted Luminaire
- Highly recyclable
- 50k Hours Lifetime

Product Features:

- ✓ Crafted with high-quality materials to withstand outdoor elements, ensuring longevity and resilience.
- ✓ Designed to complement outdoor landscapes with a stylish and aesthetically pleasing appearance.settings.
- ✓ Provides soft and diffused illumination, creating a welcoming and visually appealing atmosphere.
- ✓ Sleek and Space-Saving Structure.
- ✓ Designed for straightforward installation in outdoor environments, enhancing flexibility and convenience.
- ✓ Extended Durability with a Lifespan of Up to 50,000 Hours L80.

Product Specifications:

- ✓ Housing: Die-Cast Aluminum Body
- ✓ Pole: Extruded Aluminum
- ✓ Diffuser: Opal PC
- ✓ Outstanding Working Temp: 0~50°C
- ✓ Color Render Index > 80

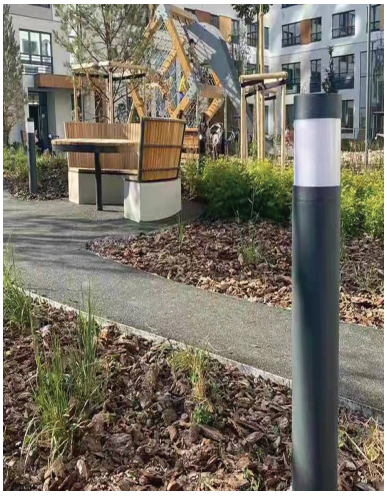
Model Selection

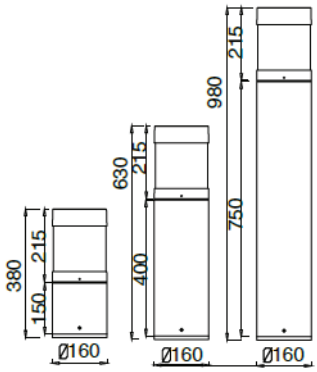
Model No.	Wattage	Lumen	Dimension (mm)DxH
BL02-010	10 W	600 lm	160x380
BL02-020	20 W	1200 lm	160x380
BL02-030	30 W	1800 lm	160x380

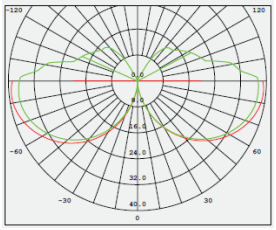
* Available in 630mm & 980mm Heights

Selectable Options

CCT	Housing
3000K	Black
4000K	Grey
6500K	







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FRATER®
SPAIN SINCE 1999

IEC60598 LM79 / LM80 COMPLIANCE | Glowing Wire Test - 850°C | SDCM <3 | CE COMPLIANCE | RoHS

Bollard Light BL03

- IP65
- Class I
- AC110-240V
- Ground Mounted Luminaire
- Highly recyclable
- 50k Hours Lifetime

Product Features:

- ✓ Crafted with high-quality materials to withstand outdoor elements, ensuring longevity and resilience.
- ✓ Designed to complement outdoor landscapes with a stylish and aesthetically pleasing appearance.settings.
- ✓ Provides soft and diffused illumination, creating a welcoming and visually appealing atmosphere.
- ✓ Sleek and Space-Saving Structure.
- ✓ Designed for straightforward installation in outdoor environments, enhancing flexibility and convenience.
- ✓ Extended Durability with a Lifespan of Up to 50,000 Hours L80.

Product Specifications:

- ✓ Housing: Die-Cast Aluminum Body
- ✓ Pole: Extruded Aluminum
- ✓ Diffuser: Opal PC
- ✓ Outstanding Working Temp: 0~50°C
- ✓ Color Render Index > 80

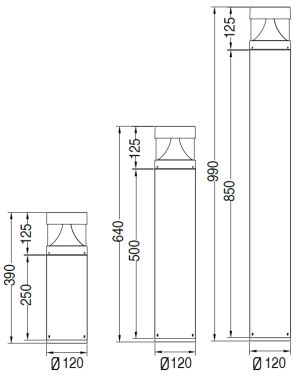
Model Selection

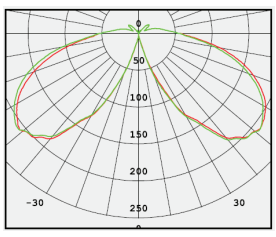
Model No.	Wattage	Lumen	Dimension (mm)DxH
BL03-006	6 W	390 lm	120x390
BL03-010	10 W	650 lm	120x390
BL03-015	15 W	965 lm	120x390

* Available in 640 mm & 990mm Heights

Selectable Options

CCT	Housing
3000K	Black
4000K	Grey
6500K	





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SPAIN SINCE 1999

IEC60598 LM79 / LM80 COMPLIANCE | Glowing Wire Test - 850°C | SDCM <3 | CE COMPLIANCE | RoHS

Bollard Light BL04

- IP65
- Class I
- AC110-240V
- Ground Mounted Luminaire
- Highly recyclable
- 50k Hours Lifetime

Product Features:

- ✓ Crafted with high-quality materials to withstand outdoor elements, ensuring longevity and resilience.
- ✓ Designed to complement outdoor landscapes with a stylish and aesthetically pleasing appearance.settings.
- ✓ Provides soft and diffused illumination, creating a welcoming and visually appealing atmosphere.
- ✓ Sleek and Space-Saving Structure.
- ✓ Designed for straightforward installation in outdoor environments, enhancing flexibility and convenience.
- ✓ Extended Durability with a Lifespan of Up to 50,000 Hours L80.

Product Specifications:

- ✓ Housing: Die-Cast Aluminum Body
- ✓ Pole: Extruded Aluminum
- ✓ Diffuser: Opal PC
- ✓ Outstanding Working Temp: 0~50°C
- ✓ Color Render Index > 80

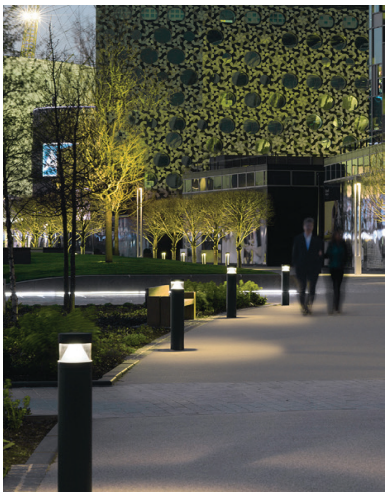
Model Selection

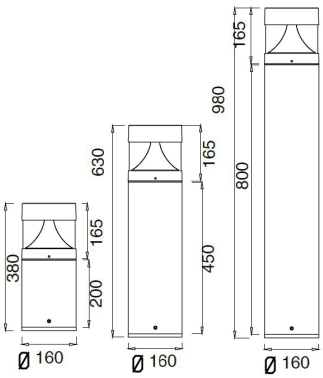
Model No.	Wattage	Lumen	Dimension (mm)DxH
BL04-010	10 W	650 lm	160x380
BL04-020	20 W	1300 lm	160x380
BL04-030	30 W	1950 lm	160x380

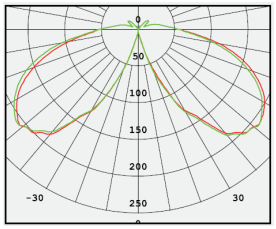
* Available in 630 mm & 980mm Heights

Selectable Options

CCT	Housing
3000K	Black
4000K	Grey
6500K	







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SPAIN SINCE 1999

IEC60598 LM79 / LM80 COMPLIANCE | Glowing Wire Test - 850°C | SDCM <3 | CE COMPLIANCE | RoHS

Bollard Light BL05

- IP65
- Class I
- AC110-240V
- Ground Mounted Luminaire
- Highly recyclable
- 50k Hours Lifetime

Product Features:

- ✓ Crafted with high-quality materials to withstand outdoor elements, ensuring longevity and resilience.
- ✓ Designed to complement outdoor landscapes with a stylish and aesthetically pleasing appearance.settings.
- ✓ Provides soft and diffused illumination, creating a welcoming and visually appealing atmosphere.
- ✓ Sleek and Space-Saving Structure.
- ✓ Designed for straightforward installation in outdoor environments, enhancing flexibility and convenience.
- ✓ Extended Durability with a Lifespan of Up to 50,000 Hours L80.

Product Specifications:

- ✓ Housing: Die-Cast Aluminum Body
- ✓ Pole: Extruded Aluminum
- ✓ Diffuser: Opal PC
- ✓ Outstanding Working Temp: 0~50°C
- ✓ Color Render Index > 80

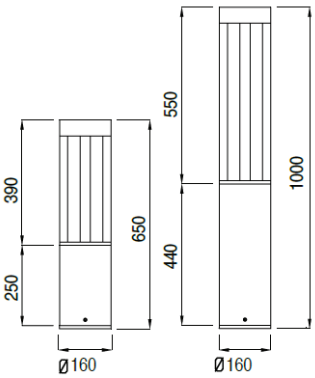
Model Selection

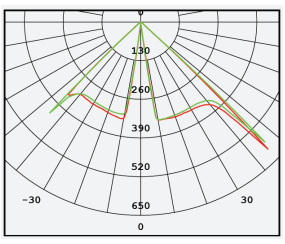
Model No.	Wattage	Lumen	Dimension (mm)DxH
BL05-010	10 W	600 lm	160x390
BL05-020	20 W	1200 lm	160x390
BL05-030	30 W	1800 lm	160x390

* Available in 1000mm Height

Selectable Options

CCT	Housing
3000K	Black
4000K	Grey
6500K	





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IEC60598 LM79 / LM80 COMPLIANCE | Glowing Wire Test - 850°C | SDCM <3 | CE COMPLIANCE | RoHS

Bollard Light BL06

- IP65
- Class I
- AC110-240V
- Ground Mounted Luminaire
- Highly recyclable
- 50k Hours Lifetime

Product Features:

- ✓ Crafted with high-quality materials to withstand outdoor elements, ensuring longevity and resilience.
- ✓ Designed to complement outdoor landscapes with a stylish and aesthetically pleasing appearance.settings.
- ✓ Provides soft and diffused illumination, creating a welcoming and visually appealing atmosphere.
- ✓ Sleek and Space-Saving Structure.
- ✓ Designed for straightforward installation in outdoor environments, enhancing flexibility and convenience.
- ✓ Extended Durability with a Lifespan of Up to 50,000 Hours L80.

Product Specifications:

- ✓ Housing: Die-Cast Aluminum Body
- ✓ Pole: Extruded Aluminum
- ✓ Diffuser: Opal PC
- ✓ Outstanding Working Temp: 0~50°C
- ✓ Color Render Index > 80

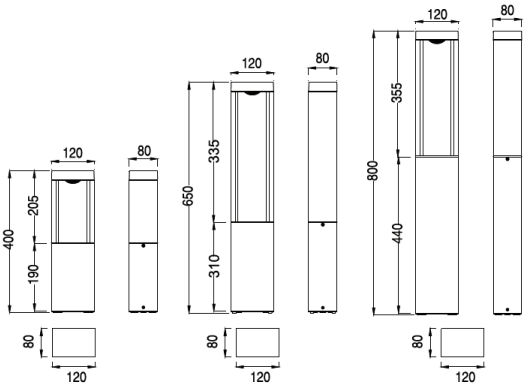
Model Selection

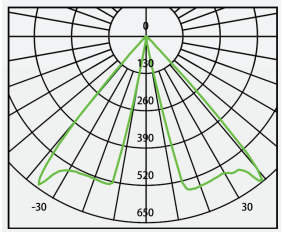
Model No.	Wattage	Lumen	Dimension (mm)WxDxH
BL06-010	10 W	500 lm	120x80x400

* Available in 650mm & 800mm Heights

Selectable Options

CCT	Housing
3000K	Black
4000K	Grey
6500K	





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SPAIN SINCE 1999

IEC60598 LM79 / LM80 COMPLIANCE | Glowing Wire Test - 850°C | SDCM <3 | CE COMPLIANCE | RoHS

Bollard Light BL07

- IP65
- Class I
- AC110-240V
- Ground Mounted Luminaire
- Highly recyclable
- 50k Hours Lifetime

Product Features:

- ✓ Crafted with high-quality materials to withstand outdoor elements, ensuring longevity and resilience.
- ✓ Designed to complement outdoor landscapes with a stylish and aesthetically pleasing appearance.settings.
- ✓ Provides soft and diffused illumination, creating a welcoming and visually appealing atmosphere.
- ✓ Sleek and Space-Saving Structure.
- ✓ Designed for straightforward installation in outdoor environments, enhancing flexibility and convenience.
- ✓ Extended Durability with a Lifespan of Up to 50,000 Hours L80.

Product Specifications:

- ✓ Housing: Die-Cast Aluminum Body
- ✓ Pole: Extruded Aluminum
- ✓ Diffuser: Opal PC
- ✓ Outstanding Working Temp: 0~50°C
- ✓ Color Render Index > 80

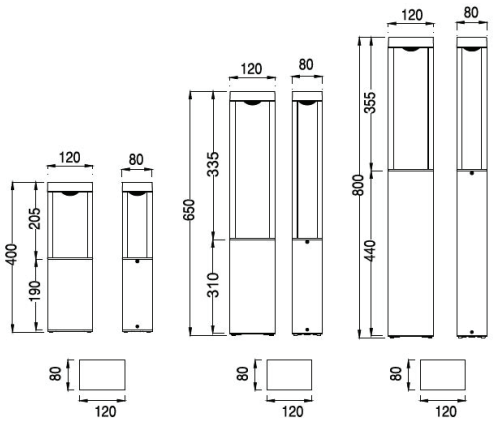
Model Selection

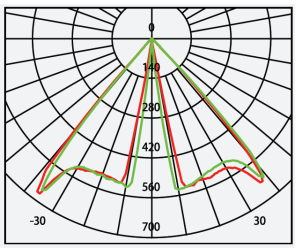
Model No.	Wattage	Lumen	Dimension (mm)WxDxH
BL07-010	10 W	700 lm	120x80x400

* Available in 650mm & 800mm Heights

Selectable Options

CCT	Housing
3000K	Black
4000K	Grey
6500K	





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FRATER®
SPAIN SINCE 1999

Bollard Light BL08

- IP65
- Class I
- Solar
- Ground Mounted Luminaire
- Highly recyclable
- 50k Hours Lifetime

Product Features:

- ✓ Equipped with 6V 4.5W monocrystalline solar panel and Li-ion battery.
- ✓ Complete with Motion sensor 100% lighting controlled by motion sensor, 30% lighting controlled by photocell.
- ✓ Designed to complement outdoor landscapes with a stylish and aesthetically pleasing appearance.
- ✓ Provides soft and diffused illumination, creating a welcoming and visually appealing atmosphere.
- ✓ Sleek and Space-Saving Structure.
- ✓ Designed for straightforward installation in outdoor environments, enhancing flexibility and convenience.
- ✓ Extended Durability with a Lifespan of Up to 50,000 Hours L80.

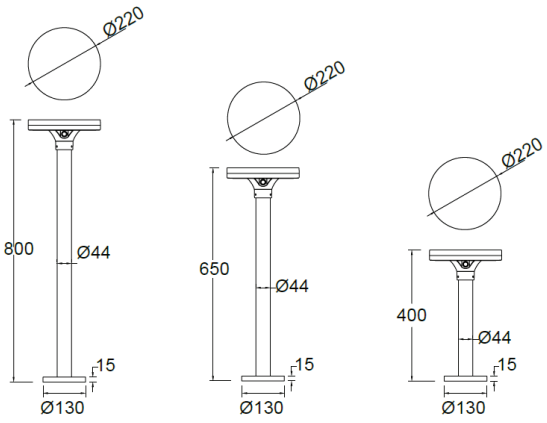
Product Specifications:

- ✓ Housing: Die-Cast Aluminum Body
- ✓ Pole: Extruded Aluminum
- ✓ Diffuser: Opal PC
- ✓ Outstanding Working Temp: 0~50°C
- ✓ Color Render Index > 80

Model Selection

Model No.	Wattage	Lumen	Dimension (mm)DxH
BL08-004	4 W	300 lm	220x400

* Available in 650mm & 800mm Heights



Selectable Options

CCT	Housing
3000K	Black
4000K	Grey
6500K	

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SPAIN SINCE 1999

Bollard Light BL09

- IP65
- Class I
- AC110-240V
- Ground Mounted Luminaire
- Highly recyclable
- 50k Hours Lifetime

Product Features:

- ✓ Crafted with high-quality materials to withstand outdoor elements, ensuring longevity and resilience.
- ✓ Designed to complement outdoor landscapes with a stylish and aesthetically pleasing appearance.settings.
- ✓ Provides soft and diffused illumination, creating a welcoming and visually appealing atmosphere.
- ✓ Sleek and Space-Saving Structure.
- ✓ Designed for straightforward installation in outdoor environments, enhancing flexibility and convenience.
- ✓ Extended Durability with a Lifespan of Up to 50,000 Hours L80.

Product Specifications:

- ✓ Housing: Die-Cast Aluminum Body
- ✓ Pole: Extruded Aluminum
- ✓ Diffuser: Opal PC
- ✓ Outstanding Working Temp: 0~50°C
- ✓ Color Render Index > 80

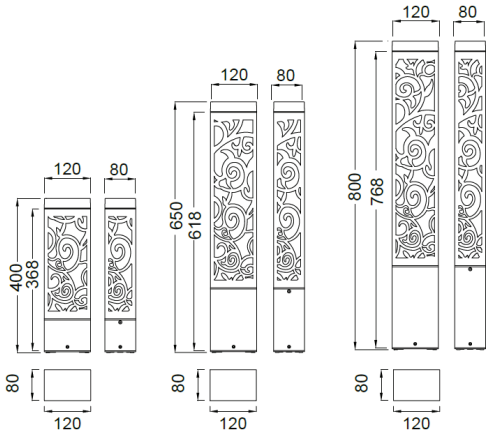
Model Selection

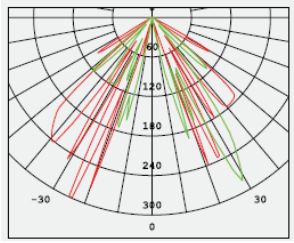
Model No.	Wattage	Lumen	Dimension (mm)WxDxH
BL09-010	10 W	400 lm	120x80x400

* Available in 650mm & 800mm Heights

Selectable Options

CCT	Housing
3000K	Black
4000K	Grey
6500K	





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SPAIN SINCE 1999

IEC60598 LM79 / LM80 COMPLIANCE | Glowing Wire Test - 850°C | SDCM <3 | CE COMPLIANCE | RoHS

Bollard Light BL10

IP65

Class I

AC110-240V

Ground Mounted Luminaire

Highly recyclable

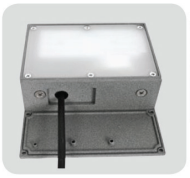
50k Hours Lifetime

Product Features:

- ✓ Crafted with high-quality materials to withstand outdoor elements, ensuring longevity and resilience.
- ✓ Designed to complement outdoor landscapes with a stylish and aesthetically pleasing appearance.settings.
- ✓ Provides soft and diffused illumination, creating a welcoming and visually appealing atmosphere.
- ✓ Sleek and Space-Saving Structure.
- ✓ Designed for straightforward installation in outdoor environments, enhancing flexibility and convenience.
- ✓ Extended Durability with a Lifespan of Up to 50,000 Hours L80.

Product Specifications:

- ✓ Housing: Die-Cast Aluminum Body
- ✓ Pole: Extruded Aluminum
- ✓ Diffuser: Clear PC
- ✓ Outstanding Working Temp: 0~50°C
- ✓ Delivered Lumen Output: 80 lm/W
- ✓ Color Render Index > 80



Detachable head

Die casting inner base

Injection opal & frosted diffuser

LED lens options

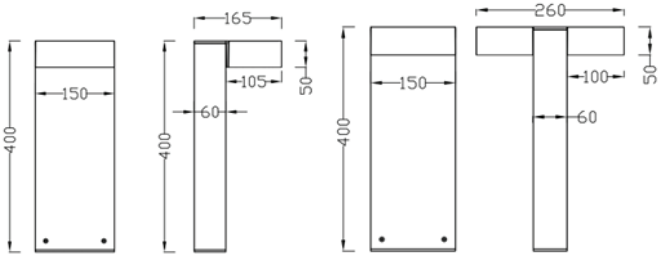
Model Selection

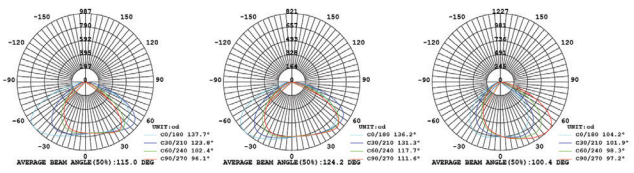
Model No.	Wattage	Lumen	Dimension (mm)DxHxW
BL10-012	12 W	960 lm	150x165x400
BL10-020	20 W	1600 lm	150x165x400
BL10-D12	2x12 W	2x960 lm	150x260x400
BL10-D20	2x20 W	2x1600 lm	150x260x400

* Available in 600mm, 800mm & 1000mm Heights

Selectable Options

CCT	Housing	Beam Angle
3000K	Black	Type II
4000K	Grey	Type III
6500K		Type IV





TYPE II TYPE III TYPE IV

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SPAIN SINCE 1999

Bollard Light BL11

IP65

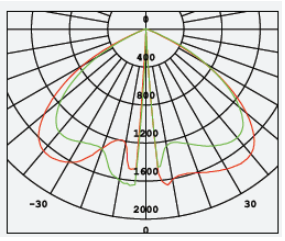
Class I

AC110-240V

Ground Mounted Luminaire

Highly recyclable

50k Hours Lifetime



Product Features:

- ✓ Crafted with high-quality materials to withstand outdoor elements, ensuring longevity and resilience.
- ✓ Designed to complement outdoor landscapes with a stylish and aesthetically pleasing appearance.settings.
- ✓ Provides soft and diffused illumination, creating a welcoming and visually appealing atmosphere.
- ✓ Sleek and Space-Saving Structure.
- ✓ Designed for straightforward installation in outdoor environments, enhancing flexibility and convenience.
- ✓ Extended Durability with a Lifespan of Up to 50,000 Hours L80.

Product Specifications:

- ✓ Housing: Die-Cast Aluminum Body
- ✓ Pole: Extruded Aluminum
- ✓ Diffuser: Opal PC
- ✓ Outstanding Working Temp: 0~50°C
- ✓ Color Render Index > 80

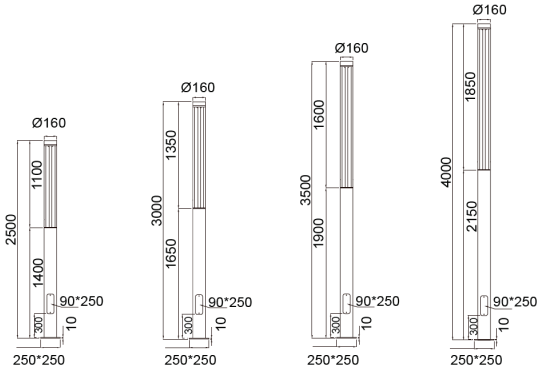
Model Selection

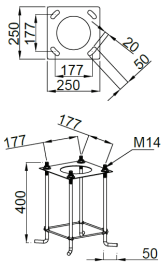
Model No.	Wattage	Lumen	Dimension (mm)DxH
BL11-025	25 W	1900 lm	160x2500
BL11-045	45 W	4300 lm	160x2500

* Available in 3000mm, 3500mm & 4000mm Heights

Selectable Options

CCT	Housing
3000K	Black
4000K	Grey
6500K	





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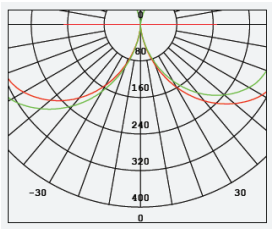
SPAIN SINCE 1999

Bollard Light BL12

- IP65
- Class I
- AC110-240V
- Ground Mounted Luminaire
- Highly recyclable
- 50k Hours Lifetime

Product Features:

- ✓ Crafted with high-quality materials to withstand outdoor elements, ensuring longevity and resilience.
- ✓ Designed to complement outdoor landscapes with a stylish and aesthetically pleasing appearance.settings.
- ✓ Provides soft and diffused illumination, creating a welcoming and visually appealing atmosphere.
- ✓ Sleek and Space-Saving Structure.
- ✓ Designed for straightforward installation in outdoor environments, enhancing flexibility and convenience.
- ✓ Extended Durability with a Lifespan of Up to 50,000 Hours L80.



Product Specifications:

- ✓ Housing: Die-Cast Aluminum Body
- ✓ Pole: Extruded Aluminum
- ✓ Diffuser: Opal PC
- ✓ Outstanding Working Temp: 0~50°C
- ✓ Color Render Index > 80

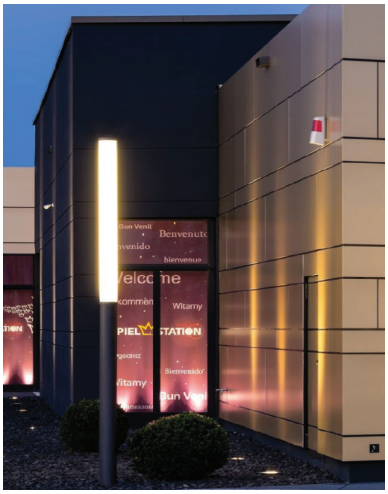
Model Selection

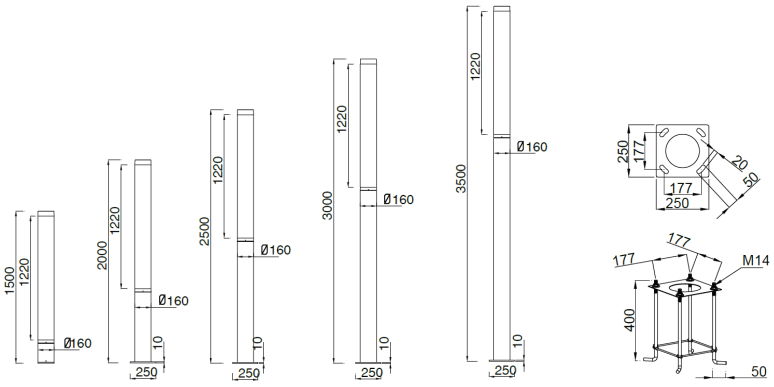
Model No.	Wattage	Lumen	Dimension (mm)DxH
BL12-040	40 W	3400 lm	160x1500

* Available in 2500mm, 3000mm & 3500mm Heights

Selectable Options

CCT	Housing
3000K	Black
4000K	Grey
6500K	





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SPAIN SINCE 1999

Solar Bollard Light SBL2

- IP65
- Class I
- Solar
- Ground Mounted Luminaire
- Highly recyclable
- 30k Hours Lifetime

Product Features:

- ✓ Equipped with monocrystalline solar panel and Li-ion battery.
- ✓ Crafted with high-quality materials to withstand outdoor elements, ensuring longevity and resilience.
- ✓ Designed to complement outdoor landscapes with a stylish and aesthetically pleasing appearance.settings.
- ✓ Provides soft and diffused illumination, creating a welcoming and visually appealing atmosphere.
- ✓ Sleek and Space-Saving Structure.
- ✓ Designed for straightforward installation in outdoor environments, enhancing flexibility and convenience.
- ✓ Extended Durability with a Lifespan of Up to 30,000 Hours L80.

Product Specifications:

- ✓ Housing: Die-Cast Aluminum
- ✓ Diffuser: Clear Polycarbonate
- ✓ Outstanding Working Temp: 0~50°C
- ✓ Color Render Index > 70
- ✓ Battery: 3.2V/8000mAh
- ✓ Solar Panel: 5V/4.5W
- ✓ Charging Time: 3-5H

Model Selection

Model No.	Wattage	Dimension (mm)WxH
FESBL2D-015	15 W	260x750

* Available in 500mm Length

Selectable Options

CCT	Housing
3000K	Black

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Solar Bollard Light SBL4

IP65

Class I

Solar

Ground Mounted Luminaire

Highly recyclable

30k Hours Lifetime

Product Features:

- ✓ Equipped with monocrystalline solar panel and Li-ion battery.
- ✓ Crafted with high-quality materials to withstand outdoor elements, ensuring longevity and resilience.
- ✓ Designed to complement outdoor landscapes with a stylish and aesthetically pleasing appearance.settings.
- ✓ Provides soft and diffused illumination, creating a welcoming and visually appealing atmosphere.
- ✓ Sleek and Space-Saving Structure.
- ✓ Designed for straightforward installation in outdoor environments, enhancing flexibility and convenience.
- ✓ Extended Durability with a Lifespan of Up to 30,000 Hours L80.

Product Specifications:

- ✓ Housing: Die-Cast Aluminum
- ✓ Diffuser: Clear Polycarbonate
- ✓ Outstanding Working Temp: 0~50°C
- ✓ Color Render Index > 70
- ✓ Battery: 3.2V/80000mAh
- ✓ Solar Panel: 5V/4.5W
- ✓ Charging Time: 3-5H

Model Selection

Model No.	Wattage	Dimension (mm) øxH
FESBL4-015	15 W	260x850

Selectable Options

CCT	Housing
3000K	Black

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SPAIN SINCE 1999

Solar Pole Light SPL2

- IP65
- Class I
- Solar
- Ground Mounted Luminaire
- Highly recyclable
- 30k Hours Lifetime

Product Features:

- ✓ Equipped with monocrystalline solar panel and Li-ion battery.
- ✓ Crafted with high-quality materials to withstand outdoor elements, ensuring longevity and resilience.
- ✓ Designed to complement outdoor landscapes with a stylish and aesthetically pleasing appearance.settings.
- ✓ Provides soft and diffused illumination, creating a welcoming and visually appealing atmosphere.
- ✓ Sleek and Space-Saving Structure.
- ✓ Designed for straightforward installation in outdoor environments, enhancing flexibility and convenience.
- ✓ Extended Durability with a Lifespan of Up to 30,000 Hours L80.

Product Specifications:

- ✓ Housing: Die-Cast Aluminum
- ✓ Diffuser: Clear Polycarbonate
- ✓ Outstanding Working Temp: 0~50°C
- ✓ Color Render Index > 70
- ✓ Battery: 3.2V/8000mAh*1
- ✓ Solar Panel: 5V/4.5W*1
- ✓ Charging Time: 3-5H

Model Selection

Model No.	Wattage	Dimension (mm)WxH
FESPL2D-D15	2x15 W	800x2600

* Available in 1600mm & 2000mm Heights

Selectable Options

CCT	Housing
3000K	Black

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STREET LIGHT

FRATER®
SPAIN SINCE 1999

IEC60598 LM79 / LM80 COMPLIANCE | Glowing Wire Test - 850°C | SDCM <3 | CE COMPLIANCE | RoHS

Street Light SH Series

- IP66 / IK08
- Class I
- AC220-240V
- Pole Mounted
- 10KV Surge Protection
- 50K Hours
- Dimming Options
- Optional Smooth Cover
- Optional Adjustable Mounting Arm
- Optional Photo Sensor 7 Pins NEMA Socket

Product Features:

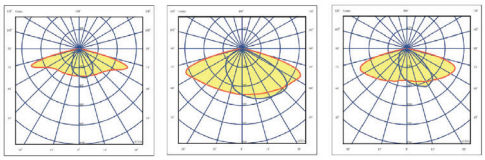
- ✓ Product design ensures protection against water and dust ingress, making it suitable for outdoor use in various weather conditions.
- ✓ Offers excellent energy efficiency with a luminous efficacy of 140 lumens per watt(lm/W), ensuring bright and unifrom lighting while minimizing energy consumption.
- ✓ Constructed with high-quality die-cast aluminum housing, providing robustness and durability to withstand harsh industrial environments, ensuring long-term reliability and performance.
- ✓ Extended Durability with a lifespan Up to 50,000 Hours L80

Product Specifications:

- ✓ Housing: Die-cast Aluminum
- ✓ Diffuser: Clear PC Lens + Tempered Glass
- ✓ Outstanding Temp: 0~50°C
- ✓ Delivered Lumen output: 140lm/W
- ✓ Power Factor: > 0.9
- ✓ Color Render Index > 70

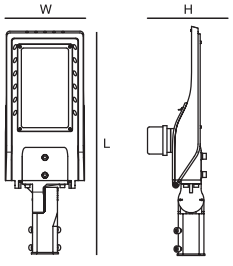
Model Selection

Model No.	Wattage	Lumen	Dimension (mm)LxWxH
ST060-4B-SH4101	60 W	8400 lm	441x222x97
ST080-4B-SH4101	80 W	11200 lm	441x222x97
ST100-4B-SH4102	100 W	14000 lm	525x277x109
ST150-4B-SH4102	150 W	21000 lm	525x277x109
ST180-4B-SH4103	180 W	25200 lm	612x325x120
ST240-4B-SH4103	240 W	33600 lm	612x325x120



Selectable Options

CCT	Beam Angle	Body Color
3000K	TYPE II	White
4000K	TYPE III	Black
5700K	TYPE IIII	Silver
6500K		



Arm Dia: 60mm

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SPAIN SINCE 1999

IEC60598 LM79 / LM80 COMPLIANCE | Glowing Wire Test - 850°C | SDCM <3 | CE COMPLIANCE | RoHS

Street Light Radiant Series

- IP66
- IK08
- Class I
- AC100-277V
- Pole Mounted
- 10KV Surge Protection
- 50K Hours
- Dimming Options
- Adjustable Mounting Arm

Product Features:

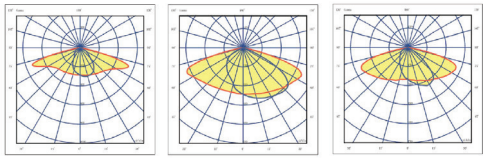
- ✓ Product design ensures protection against water and dust ingress, making it suitable for outdoor use in various weather conditions.
- ✓ Offers excellent energy efficiency with a luminous efficacy of 140 lumens per watt(lm/W), ensuring bright and unifrom lighting while minimizing energy consumption.
- ✓ Constructed with high-quality die-cast aluminum housing, providing robustness and durability to withstand harsh industrial environments, ensuring long-term reliability and performance.
- ✓ Extended Durability with a lifespan Up to 50,000 Hours L80

Product Specifications:

- ✓ Housing: Die-cast Aluminum
- ✓ Diffuser: Lens and Glass diffuser
- ✓ Outstanding Temp: -40~50°C
- ✓ Delivered Lumen output: 140lm/W
- ✓ Power Factor: > 0.9
- ✓ Color Render Index > 70

Model Selection

Model No.	Wattage	Lumen	Dimension (mm)LxWxH
STRS-050	50 W	7000 lm	493x174x108
STRS-060	60 W	8400 lm	493x174x108
STRS-080	80 W	11200 lm	562x200x108
STRS-100	100 W	14000 lm	607x240x108
STRS-150	150 W	21000 lm	680x260x108
STRS-200	200 W	28000 lm	680x260x108
STRS-240	240 W	33600 lm	766x300x108
STRS-280	280 W	39200 lm	766x300x108



Selectable Options

CCT	Beam Angle	Body Color
3000K	T2S	Silver
4000K	T2M	
6500K	T3M	

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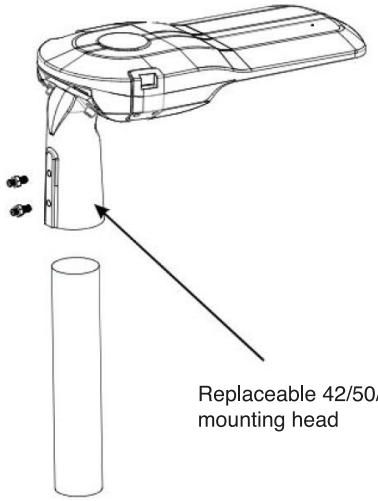
SPAIN SINCE 1999

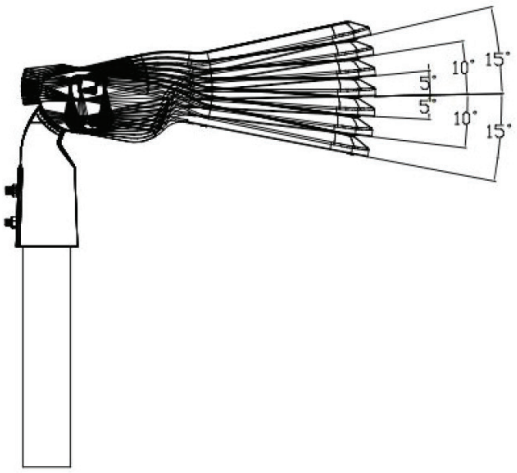
IEC60598 LM79 / LM80 COMPLIANCE | Glowing Wire Test - 850°C | SDCM <3 | CE COMPLIANCE | RoHS

Installation



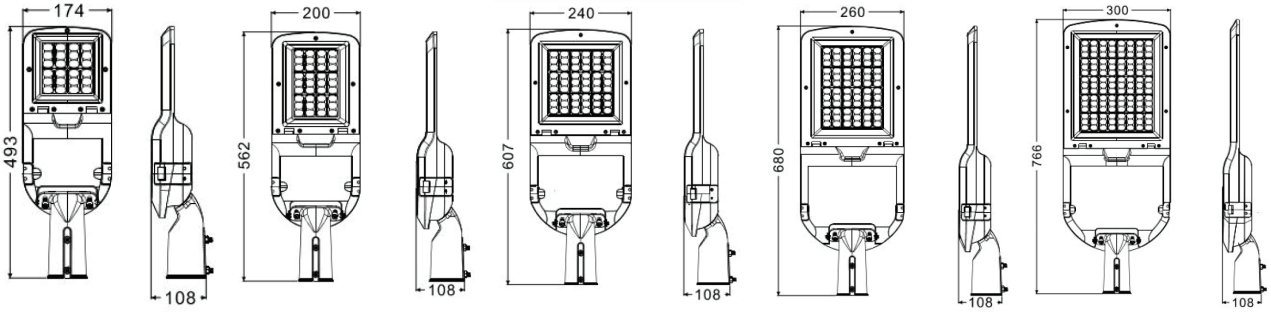
Replaceable 42/50/60m mounting head

Standard installation hole size: 60mm



The mounting shaft is installed at 90 can be rotated at intervals of 5°

Dimensions



50W/60W | 80W | 100W | 150W/200W | 240W/280W

Application

Parking Lot | Roadway | Court | Street

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SPAIN SINCE 1999

IEC60598 LM79 / LM80 COMPLIANCE | Glowing Wire Test - 850°C | SDCM <3 | CE COMPLIANCE | RoHS

Street Light SH82

- IP66
- IK08
- Class I
- AC100-277V
- Pole Mounted
- 10KV Surge Protection
- 50/100K Hours
- Dimming Options
- Optional Adjustable Mounting Arm
- Optional 7 Pin NEMA Socket

Product Features:

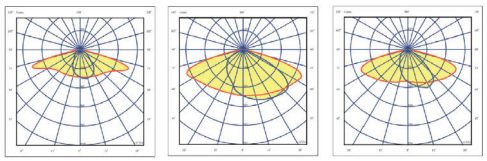
- ✓ Product design ensures protection against water and dust ingress, making it suitable for outdoor use in various weather conditions.
- ✓ Offers excellent energy efficiency with a luminous efficacy of 140 lumens per watt (lm/W), ensuring bright and unifrom lighting while minimizing energy consumption.
- ✓ Constructed with high-quality die-cast aluminum housing, providing robustness and durability to withstand harsh industrial environments, ensuring long-term reliability and performance.
- ✓ Extended Durability with a lifespan Up to 50,000 Hours L80

Product Specifications:

- ✓ Housing: Die-cast Aluminum
- ✓ Diffuser: Glass
- ✓ Outstanding Temp: -30~50°C
- ✓ Delivered Lumen output: 150lm/W
- ✓ Power Factor: > 0.9
- ✓ Color Render Index > 70

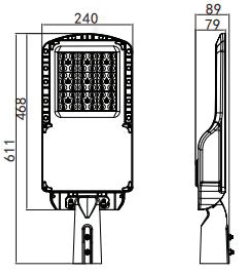
Model Selection

Model No.	Wattage	Lumen	Dimension (mm)LxWxD
SH82-050	50W	7500 lm	342x173x68
SH82-060	60W	9000 lm	342x173x68
SH82-080	80 W	12000 lm	427x200x74
SH82-100	100 W	15000 lm	427x200x74
SH82-120	120 W	18000 lm	468x240x79
SH82-150	150 W	22500 lm	468x240x79
SH82-180	180 W	27000 lm	538x260x80
SH82-200	200 W	30000 lm	551x300x80
SH82-240	240 W	36000 lm	551x300x80
SH82-280	280 W	42000 lm	551x300x80



Selectable Options

CCT	Beam Angle	Body Color
3000K	T2M	Silver
4000K	T3M	
6500K	T4M	



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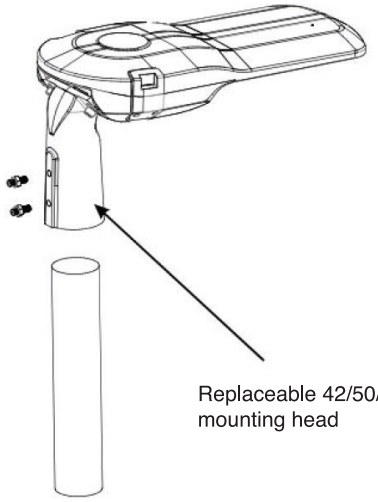
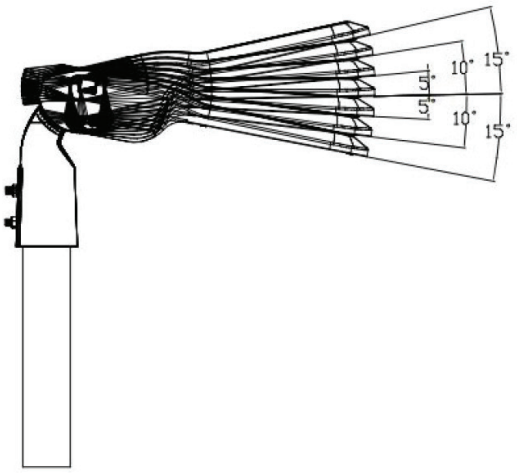
IEC60598 LM79 / LM80 COMPLIANCE | Glowing Wire Test - 850°C | SDCM <3 | CE COMPLIANCE | RoHS

Installation



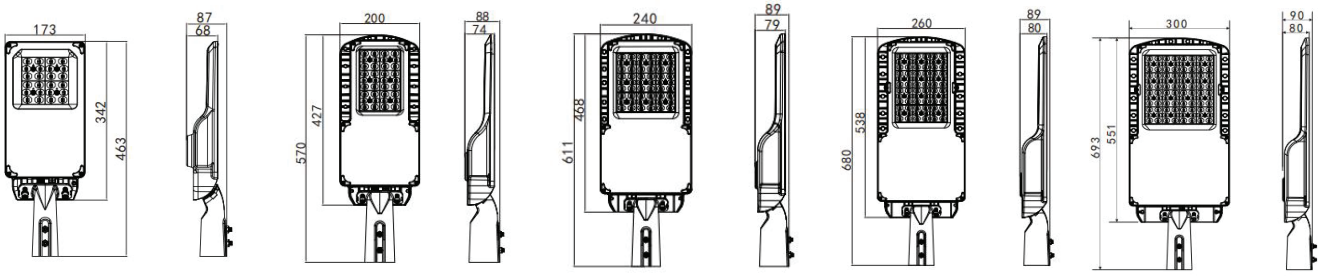
Replaceable 42/50/60m mounting head

Standard installation hole size: 60mm



The mounting shaft is installed at 90 can be rotated at intervals of 5°

Dimensions



60 W | 80/100 W | 120/150 W | 180 W | 200 / 240

Application

Parking Lot | Roadway | Court | Street

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FRATER®
SPAIN SINCE 1999

Solar Street Light SS14

IP66 / IK09

Class I

Solar

Pole Mounted

10KV Surge Protection

50K hours lifetime

Product Features:

- ✓ Monocrystalline solar panels up to 19.8% photoelectric conversion rate
- ✓ Advanced diffuse technology to ensure the uniformity of conversion efficiency
- ✓ Ultra efficient (170 lm/W) LED chips providing excellent lumen output and high stability
- ✓ High capacity LiPO4 battery provides safe and reliable performance. Grade A1 32650 battery with long lifespan more than 2000 cycles
- ✓ Smart controller to optimize the chatging efficiency
- ✓ Embedded Microwave Sensor
- ✓ 5 Years Warranty

Product Specifications:

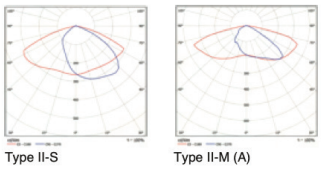
- ✓ Housing: Die-cast Aluminum
- ✓ Solar Panel: Monocrystalline 18V
- ✓ Ambient Temperature: -10~60°C
- ✓ Delivered Lumen output: 170lm/W

Model Selection

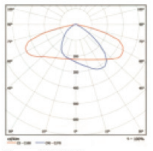
Model No.	Wattage	Lumen	Batter Capacity (AH)	Dimension (mm) LxW
SS14-030	30 W	5100 lm	18	735x373
SS14-040	40 W	6800 lm	24	880x373
SS14-050	50 W	8500 lm	30	988x373
SS14-060	60 W	10200 lm	36	1352x373
SS14-080	80 W	13600 lm	42	1482x373

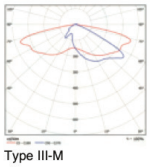
Selectable Options

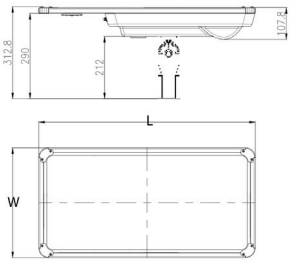
CCT	Beam Angle	Body Color
☐ 6000K	Type II Type III	■ Black ■ Grey


Type II-S

Type II-M (A)


Type II-M (B)


Type III-M



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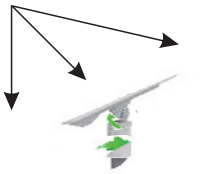
SPAIN SINCE 1999

Solar Street Light SS14

Installation Tips

40-60mm

Vertical installation Horizontal installation



360°Rotation

make the solar panels face the sun and improve the charging efficiency to the greatest extent.

Sensor Operation Manual

When the illumination is less than 10lux, it begins to work	Introduction Time	Presence Detected	No Presence Detected
	First 2 Hours	100%	30%
	Following 3 Hours	50%	20%
	Following 6 Hours	20%	10%
	Following 1 Hours	30%	10%
Daylight 10lux and above	Lights Turn Off		

*Installation height is less than 8 meters, detection distance is less than 10m.
**Setting can be customized. However, it may affect light performance and life time due to battery capacity.

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IEC60598 LM79 / LM80 COMPLIANCE | Glowing Wire Test - 850°C | SDCM <3 | CE COMPLIANCE | RoHS

Solar Street Light SS16

- IP65
- Class I
- Solar
- Pole Mounted
- 10KV Surge Protection
- 50K hours lifetime

Product Features:

- ✓ Monocrystalline solar panels up to 19.8% photoelectric conversion rate
- ✓ Advanced diffuse technology to ensure the uniformity of conversion efficiency Ultra efficient (up to 200 lm/W) LED chips providing excellent lumen output and high stability
- ✓ High capacity LiPO4 battery provides safe and reliable performance.
- ✓ Grade A1 32650 battery with long lifespan more than 2000 cycles
- ✓ Smart controller to optimize the chatging efficiency
- ✓ Auto Clean Function 3 Times a day
- ✓ Charging time 5-6 Hours with enough strong shine / Working Time Full charged, 12 hours per day sustain 5~7rainy days , Light and Time Control.

Product Specifications:

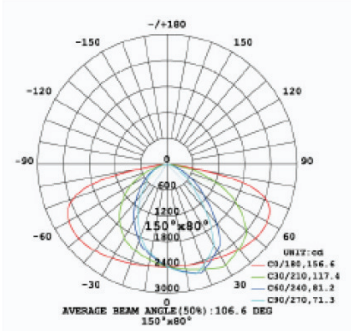
- ✓ Housing: Die-cast Aluminum
- ✓ Solar Panel: Monocrystalline 18V
- ✓ Ambient Temperature: -25~65°C
- ✓ Delivered Lumen output: 180~200lm/W
- ✓ Power Factor > 0.9

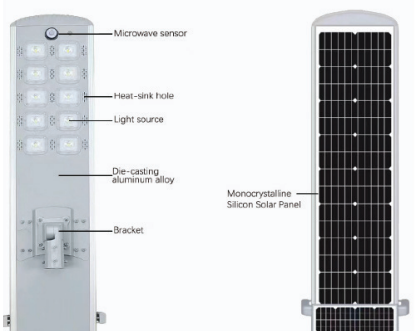
Model Selection

Model No.	Wattage	Lumen	Battery V/A	Dimension (mm) LxWxD
SS16-030	30 W	4,800 lm	3.2V/90A	998x373x50
SS16-040	40 W	6400 lm	12.8V/30A	1233x373x50
SS16-050	50 W	8000 lm	12.8V/40A	1393x373x50
SS16-060	60 W	9600 lm	12.8V/46A	1703x373x50
SS16-070	70 W	11000 lm	12.8V/55A	1863x373x50
SS16-080	80 W	16000 lm	25.6V/32A	1560x477x50
SS16-100	100 W	20000 lm	25.6V/42A	1760x477x50
SS16-120	120 W	24000 lm	25.6V/50A	1960x477x50
SS16-150	150 W	30000 lm	25.6V/63A	2560x477x50

Selectable Options

CCT	Beam Angle	Body Color
4000K 6500K	140°X75°	Grey





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IEC60598 LM79 / LM80 COMPLIANCE | Glowing Wire Test - 850°C | SDCM <3 | CE COMPLIANCE | RoHS

SS16-030 SS16-040 SS16-050 SS16-060 SS16-070

SS16-080 SS16-100 SS16-120 SS16-150

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SPAIN SINCE 1999

IEC60598 LM79 / LM80 COMPLIANCE | Glowing Wire Test - 850°C | SDCM <3 | CE COMPLIANCE | RoHS

Solar Street Light SS20

- IP66 / IK09
- Class I
- Solar
- Pole Mounted
- 10KV Surge Protection
- 5 Years warranty

Product Features:

- ✓ Monocrystalline solar panels up to 19.8% photoelectric conversion rate
- ✓ Advanced diffuse technology to ensure the uniformity of conversion efficieny
- ✓ High efficient (150 lm/W) LED chips providing excellent lumen output and high stability
- ✓ High capacity LiPO4 battery provides safe and reliable performance. Grade A1 32650 battery with long lifespan more than 2000 cycles
- ✓ Smart controller to optimize the charging efficiency
- ✓ 5 Year Warranty

Product Specifications:

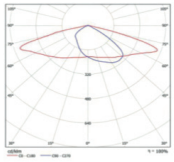
- ✓ Housing: Die-cast Aluminum
- ✓ Solar Panel: Monocrystalline 18/36V
- ✓ Battery: LiFePO4 12.8/25.6V
- ✓ Ambient Temperature: -20~65°C
- ✓ Delivered Lumen output: 150lm/W
- ✓ Color Render Index > 70
- ✓ Battery Charging Time: 6 Hours
- ✓ Battery Working Time: 3~4 Days

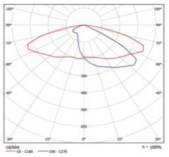
Model Selection

Model No.	Wattage	Lumen	Solar Panel	Battery Capacity (WH)	Dimension (mm)LxWxH
SS20-030	30 W	4500 lm	18V/90W	540	413X173X78
SS20-040	40 W	6000 lm	18V/90W	700	413X173X78
SS20-050	50 W	7500 lm	18V/90W	922	413X173X78
SS20-060	60 W	9000 lm	18V/90W	1080	506x223x86
SS20-080	80 W	12000 lm	18V/90W	1400	506x223x86
SS20-100	100 W	15000 lm	18V/90W	1850	506x223x86

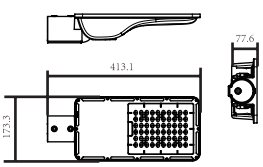
Selectable Options

CCT	Beam Angle	Body Color
2700K	260°	Black
4000K		Grey
5700K		White
6500K		

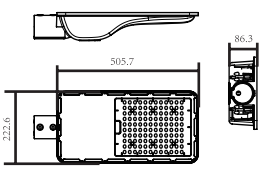




30-50 W



60-100 W



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FRATER®
SPAIN SINCE 1999

IEC60598 LM79 / LM80 COMPLIANCE | Glowing Wire Test - 850°C | SDCM <3 | CE COMPLIANCE | RoHS COMPLIANT

Solar Street Light SS20

LED Source

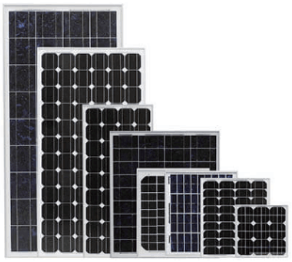
LUMILEDS The Brighter Choice

LUXEON NEVER BEFORE POSSIBLE

RoHS Compliant

Provide excellent lumen output, the best stability and excellent visual perception. (Cree, Nichia, Orsam & etc, is optional)

Solar Panel



Monocrystalline/Polycrystalline solar panels
Stable photoelectric conversion efficiency,
Advanced diffuse technology, which can ensure the uniformity of conversion efficiency

LiFePO4 Battery

LUMILEDS The Brighter Choice

LUXEON NEVER BEFORE POSSIBLE

RoHS Compliant

Excellent Performance
High capacity
More Safety,
Withstand high temperatures 65°C
Long lifespan, more than 2000 cycles

Smart Controller

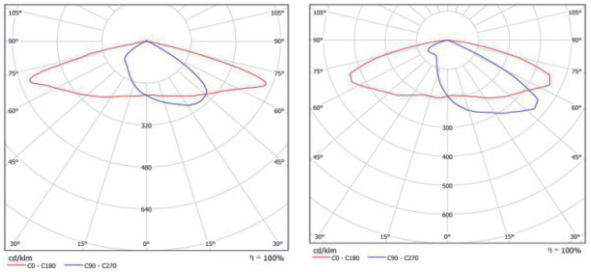
MPPT

PWM

Enable Controller to track maximum charge efficiency.
Micro current charging function

Solar Panel Bracket

Multiple Lenses



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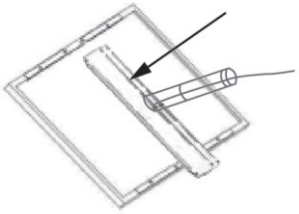
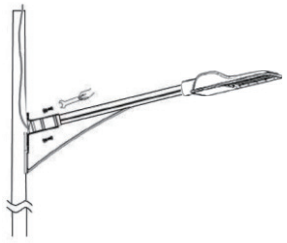
IEC60598 LM79 / LM80 COMPLIANCE | Glowing Wire Test - 850°C | SDCM <3 | CE COMPLIANCE | RoHS

Solar Street Light SS20

Installation



1. The inclined is fixed on the solar panel assembly with screws, and the outgoing line of the solar panel passes through the inclined arm,



2. Install the arm assembly on the lamp pole, fix the nut with the hexagon wrench, and thread the outgoing line of the lamp into the lamp pole.

3. Set the solar panel assembly on the lamp pole, adjust the orientation of the solar panel, first tighten the socket head cap screw, then fix the nut with the hex wrench, and put the outgoing line of the solar panel into the lamp pole.

4. Set the solar panel assembly on the lamp pole, adjust the orientation of the solar panel, first tighten the socket head cap screw, then fix the nut with the hex wrench, and put the outgoing line of the solar panel into the lamp pole.

Precautions for installation and use

1. Solar panels must be installed in the noon direction. When installing components, handle with care as much as possible. collision and knocking are strictly prohibited to avoid damage.
2. There shall be no tall buildings or trees in front of the solar panel to block the sunlight, and the installation shall be conducted in the place without shelter. The place with serious dust needs to be cleaned regularly.
3. All screw terminals shall be tightened uniformly according to the standard, without looseness and shaking.
4. Due to different power of light source and different lighting time, wiring must be carried out in strict accordance with the corresponding wiring diagram, positive and negative poles shall be distinguished, and reverse connection is strictly prohibited.
5. When repairing or replacing the power supply, the model and power must be the same as the original configuration. it is strictly prohibited to replace the light source with different power models or adjust the lighting time and power at will.

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IEC60598 LM79 / LM80 COMPLIANCE | Glowing Wire Test - 850°C | SDCM <3 | CE COMPLIANCE | RoHS

Solar Street Light SS20

Solar panel reinforcement bracket (profile reinforcement)

Reinforcement steel plate

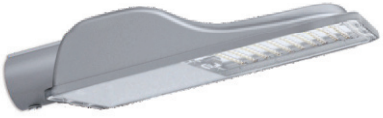
High efficiency solar panel

Street lamp pole arm

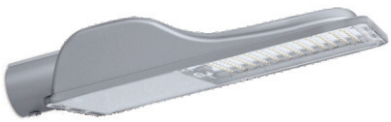
Herringbone arm decorative bracket

Street lamp pole

Lamp

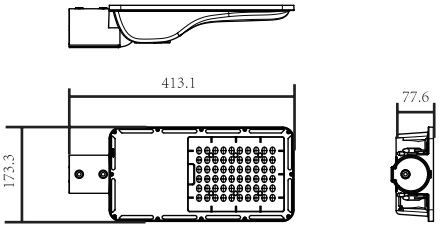


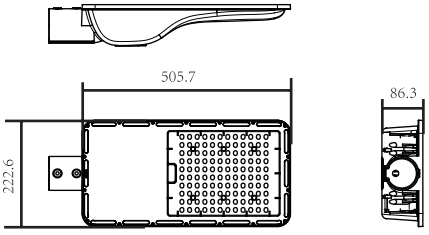
60-100 W



30-50 W

Size Data





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SPAIN SINCE 1999

IEC60598 LM79 / LM80 COMPLIANCE | Glowing Wire Test - 850°C | SDCM <3 | CE COMPLIANCE | RoHS

Street Light ST01

- IP66 / IK08
- Class I
- AC220-240V, 50/60Hz
- Pole Mounted
- 10KV Surge Protection
- 50K Hours lifetime
- Dimming Options

Product Features:

- ✓ Product design ensures protection against water and dust ingress, making it suitable for outdoor use in various weather conditions.
- ✓ Offers excellent energy efficiency with a luminous efficacy of 150 lumens per watt(lm/W), ensuring bright and unifrom lighting while minimizing energy consumption.
- ✓ Constructed with high-quality die-cast aluminum housing, providing robustness and durability to withstand harsh industrial environments, ensuring long-term reliability and performance.
- ✓ LED streetlights are extensively used for illuminating roads, highways, streets and intersections.
- ✓ Extended Durability with a lifespan Up to 50,000 Hours L80

Product Specifications:

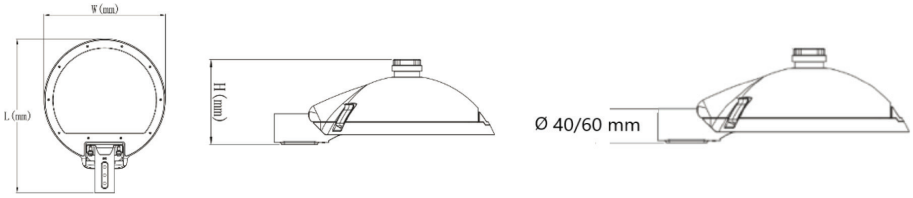
- ✓ Housing: Die-cast Aluminum
- ✓ Diffuser: Clear PC Lens + Tempered Glass
- ✓ Outstanding Temp: -40~55°C
- ✓ Delivered Lumen output: 150lm/W
- ✓ Power Factor: > 0.9
- ✓ Color Render Index > 70
- ✓ SPD: 10KV

Model Selection

Model No.	Wattage	Lumen	Dimension (mm)DxH
ST01-040	40 W	6400 lm	420x79
ST01-080	80 W	12800 lm	420x79
ST01-100	100 W	16000 lm	420x79
ST01-120	120 W	19200 lm	420x79
ST01-150	150 W	24000 lm	420x79

Selectable Options

CCT	Beam Angle	Body Color
3000K	TYPE II	Grey
4000K		
6500K		



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FRATER®
SPAIN SINCE 1999

Street Light ST02

- IP66 / IK08
- Class I
- AC220-240V, 50/60Hz
- Pole Mounted
- 10KV Surge Protection
- 50K Hours lifetime
- Dimming Options

Product Features:

- ✓ Product design ensures protection against water and dust ingress, making it suitable for outdoor use in various weather conditions.
- ✓ Offers excellent energy efficiency with a luminous efficacy of 150 lumens per watt(lm/W), ensuring bright and unifrom lighting while minimizing energy consumption.
- ✓ Constructed with high-quality die-cast aluminum housing, providing robustness and durability to withstand harsh industrial environments, ensuring long-term reliability and performance.
- ✓ LED streetlights are extensively used for illuminating roads, highways, streets and intersections.
- ✓ Extended Durability with a lifespan Up to 50,000 Hours L80

Product Specifications:

- ✓ Housing: Die-cast Aluminum
- ✓ Diffuser: Clear PC Lens + Tempered Glass
- ✓ Outstanding Temp: -40~55°C
- ✓ Delivered Lumen output: 150lm/W
- ✓ Power Factor: > 0.9
- ✓ Color Render Index > 70
- ✓ SPD: 10KV

Model Selection

Model No.	Wattage	Lumen	Dimension (mm)LxWxH
ST02-020	20 W	3000 lm	565x450x217
ST02-030	30 W	4500 lm	565x450x217
ST02-040	40 W	6000 lm	565x450x217
ST02-050	50 W	7500 lm	565x450x217
ST02-080	80 W	12000 lm	565x450x217
ST02-110	110 W	16500 lm	565x450x217

Selectable Options

CCT	Beam Angle	Body Color
3000K	TYPE II	Grey
4000K		
6500K		

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IEC60598 LM79 / LM80 COMPLIANCE | Glowing Wire Test - 850°C | SDCM <3 | CE COMPLIANCE | RoHS

Street Light SH88

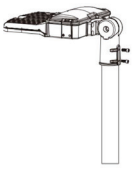
- IP66
- IK08
- Class I
- AC100-240V
- Pole Mounted
- 10KV Surge Protection
- 50/100K Hours
- Dimming Options
- Optional Adjustable Mounting Arm
- Optional 7 Pin NEMA Socket

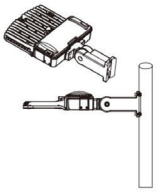
Product Features:

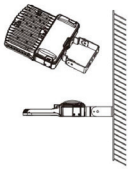
- ✓ Product design ensures protection against water and dust ingress, making it suitable for outdoor use in various weather conditions.
- ✓ Offers excellent energy efficiency with a luminous efficacy of 165 lumens per watt(lm/W), ensuring bright and unifrom lighting while minimizing energy consumption.
- ✓ Constructed with high-quality die-cast aluminum housing, providing robustness and durability to withstand harsh industrial environments, ensuring long-term reliability and performance.
- ✓ Extended Durability with a lifespan Up to 50,000 Hours L80

Product Specifications:

- ✓ Housing: Die-cast Aluminum
- ✓ Diffuser: Glass
- ✓ Outstanding Temp: -30~50°C
- ✓ Delivered Lumen output: 165lm/W
- ✓ Power Factor: > 0.9
- ✓ Color Render Index > 70





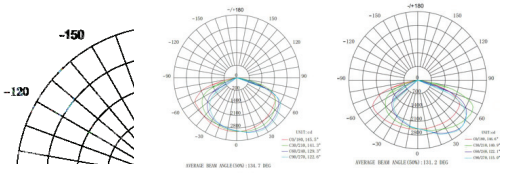


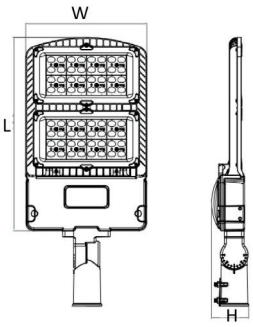
Model Selection

Model No.	Wattage	Lumen	Dimension (mm)LxWxH
ST88-280	280 W	46200 lm	680x307x94
ST88-300	300 W	49500 lm	680x307x94
ST88-320	320 W	52800 lm	842x307x94
ST88-350	350 W	57750 lm	842x307x94

Selectable Options

CCT	Beam Angle	Body Color
3000K	T2M	Silver
4000K	T3M	
6500K	T4M	





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POST TOP LIGHT

FRATER®
SPAIN SINCE 1999

Post Top Light PT01

- IP66
- Class I
- IK10
- AC110-240V
- Pole Top Mounted Luminaire
- Highly recyclable
- 50K hours lifetime

Product Features:

- ✓ Suitable for illuminating streets, pathways, parks, and other outdoor landscape areas, providing safety and ambiance
- ✓ Built with heavy-duty materials to withstand harsh outdoor conditions, ensuring durability and longevity.
- ✓ Features a high IP rating, indicating protection against dust and water ingress, making it suitable for outdoor use in various weather conditions.
- ✓ Provides powerful and efficient lighting, enhancing visibility and security in outdoor environments.
- ✓ Utilizes energy-efficient lighting technology to minimize power consumption and reduce operating costs while maintaining excellent performance.
- ✓ Designed for straightforward installation on poles or posts, offering flexibility and convenience during setup.

Product Specifications:

- ✓ Housing: Die-Cast Aluminum Body
- ✓ Diffuser: PC Lens plus Clear Tempered Glass
- ✓ Outstanding Working Temp: -30~50°C
- ✓ Delivered Lumen Output: 140lm/W
- ✓ Color Render Index > 70/80

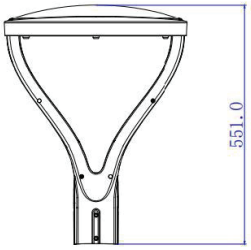
Model Selection

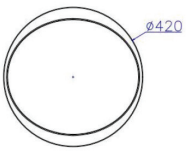
Model No.	Wattage	Lumen	Dimension (mm)DxH
PT01-035	35 W	4900 lm	420x551
PT01-055	55 W	7700 lm	420x551
PT01-060	60 W	8400 lm	420x551
PT01-075	75 W	10500 lm	420x551
PT01-080	80 W	11200 lm	420x551

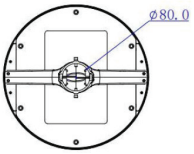
Suitable Pole Dia 76mm

Selectable Options

CCT	Beam Angle	Body Color
3000K	Type II	Black
4000K	Type III	Grey
6500K	Type IV	White
	60°	
	90°	







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SPAIN SINCE 1999

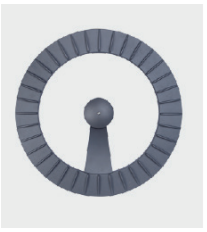
IEC60598 LM79 / LM80 COMPLIANCE | Glowing Wire Test - 850°C | SDCM <3 | CE COMPLIANCE | RoHS

Post Top Light PT02

- IP65
- Class I
- AC110-240V
- Pole Top Mounted Luminaire
- Highly recyclable
- 50K hours lifetime

Product Features:

- ✓ Suitable for illuminating streets, pathways, parks, and other outdoor landscape areas, providing safety and ambiance
- ✓ Built with heavy-duty materials to withstand harsh outdoor conditions, ensuring durability and longevity.
- ✓ Features a high IP rating, indicating protection against dust and water ingress, making it suitable for outdoor use in various weather conditions.
- ✓ Provides powerful and efficient lighting, enhancing visibility and security in outdoor environments.
- ✓ Utilizes energy-efficient lighting technology to minimize power consumption and reduce operating costs while maintaining excellent performance.
- ✓ Designed for straightforward installation on poles or posts, offering flexibility and convenience during setup.



Product Specifications

- ✓ Housing: Die-Cast Aluminum Body
- ✓ Diffuser: Opal PC Diffuser
- ✓ Outstanding Working Temp: -30~50°C
- ✓ Delivered Lumen Output: 75lm/W
- ✓ Color Render Index > 80

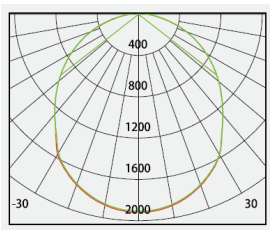
Model Selection

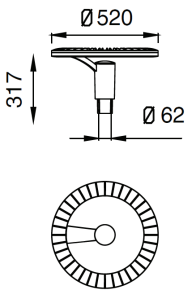
Model No.	Wattage	Lumen	Dimension (mm)DxH
PT02-030	30 W	2250 lm	520x317
PT02-045	45 W	3375 lm	520x317
PT02-060	60 W	4500 lm	520x317
PT02-080	80 W	6000 lm	520x317

Suitable Pole Dia 60mm

Selectable Options

CCT	Beam Angle	Body Color
3000K	105°	Black
4000K		Grey
6500K		White





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SPAIN SINCE 1999

Post Top Light PT03

- IP65
- Class I
- AC 110-240V
- Pole Top Mounted Luminaire
- Highly recyclable
- 50K hours lifetime

Product Features:

- ✓ Suitable for illuminating streets, pathways, parks, and other outdoor landscape areas, providing safety and ambiance
- ✓ Built with heavy-duty materials to withstand harsh outdoor conditions, ensuring durability and longevity.
- ✓ Features a high IP rating, indicating protection against dust and water ingress, making it suitable for outdoor use in various weather conditions.
- ✓ Provides powerful and efficient lighting, enhancing visibility and security in outdoor environments.
- ✓ Utilizes energy-efficient lighting technology to minimize power consumption and reduce operating costs while maintaining excellent performance.
- ✓ Designed for straightforward installation on poles or posts, offering flexibility and convenience during setup.

Product Specifications:

- ✓ Housing: Die-Cast Aluminum Body
- ✓ Diffuser: Opal PC Diffuser
- ✓ Outstanding Working Temp: -30~50°C
- ✓ Delivered Lumen Output: 75lm/W
- ✓ Color Render Index > 80

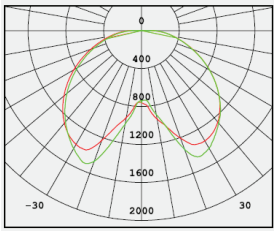
Model Selection

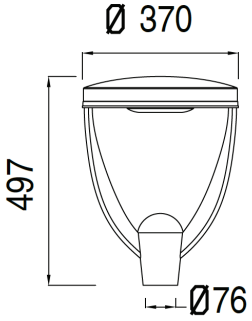
Model No.	Wattage	Lumen	Dimension (mm)DxH
PT03-025	25W	1875 lm	370x497
PT03-035	35W	2625 lm	370x497
PT03-060	60W	4500 lm	370x497

Suitable Pole Dia 76mm

Selectable Options

CCT	Beam Angle	Body Color
3000K	145°	Black
4000K		Grey
6500K		White





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FRATER®
SPAIN SINCE 1999

IEC60598 LM79 / LM80 COMPLIANCE | Glowing Wire Test - 850°C | SDCM <3 | CE COMPLIANCE | RoHS

Post Top Light PT04

- IP65
- Class I
- AC110-240V
- Pole Top Mounted Luminaire
- Highly recyclable
- 50K hours lifetime

Product Features:

- ✓ Suitable for illuminating streets, pathways, parks, and other outdoor landscape areas, providing safety and ambiance
- ✓ Built with heavy-duty materials to withstand harsh outdoor conditions, ensuring durability and longevity.
- ✓ Features a high IP rating, indicating protection against dust and water ingress, making it suitable for outdoor use in various weather conditions.
- ✓ Provides powerful and efficient lighting, enhancing visibility and security in outdoor environments.
- ✓ Utilizes energy-efficient lighting technology to minimize power consumption and reduce operating costs while maintaining excellent performance.
- ✓ Designed for straightforward installation on poles or posts, offering flexibility and convenience during setup.

Product Specifications

- ✓ Housing: Die-Cast Aluminum Body
- ✓ Diffuser: Opal PC Diffuser & Tempered Glass
- ✓ Outstanding Working Temp: -30~50°C
- ✓ Delivered Lumen Output: 70lm/W
- ✓ Color Render Index > 80

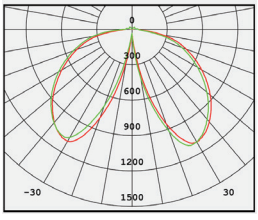
Model Selection

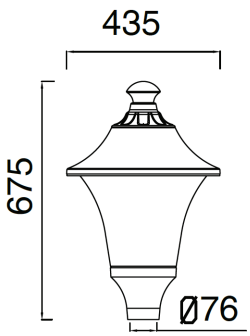
Model No.	Wattage	Lumen	Dimension (mm)DxH
PT04-025	25 W	1750 lm	435x675
PT04-035	35 W	2450 lm	435x675
PT04-060	60 W	4200 lm	435x675

Suitable Pole Dia 76mm

Selectable Options

CCT	Beam Angle	Body Color
3000K	180°	Black
4000K		Grey
6500K		White





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FRATER®
SPAIN SINCE 1999

IEC60598 LM79 / LM80 COMPLIANCE | Glowing Wire Test - 850°C | SDCM <3 | CE COMPLIANCE | RoHS

Post Top Light PT05

- IP65
- Class I
- AC110-240V
- Pole Top Mounted Luminaire
- Highly recyclable
- 50K hours lifetime

Product Features:

- ✓ Suitable for illuminating streets, pathways, parks, and other outdoor landscape areas, providing safety and ambiance
- ✓ Built with heavy-duty materials to withstand harsh outdoor conditions, ensuring durability and longevity.
- ✓ Features a high IP rating, indicating protection against dust and water ingress, making it suitable for outdoor use in various weather conditions.
- ✓ Provides powerful and efficient lighting, enhancing visibility and security in outdoor environments.
- ✓ Utilizes energy-efficient lighting technology to minimize power consumption and reduce operating costs while maintaining excellent performance.
- ✓ Designed for straightforward installation on poles or posts, offering flexibility and convenience during setup.

Product Specifications:

- ✓ Housing: Die-Cast Aluminum Body
- ✓ Diffuser: Opal PC Diffuser & Tempered Glass
- ✓ Outstanding Working Temp: -30~50°C
- ✓ Delivered Lumen Output: 70lm/W
- ✓ Color Render Index > 80

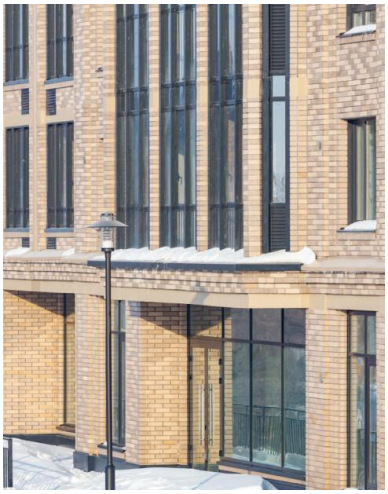
Model Selection

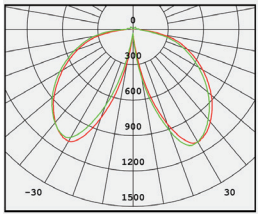
Model No.	Wattage	Lumen	Dimension (mm)DxH
PT05-025	25 W	1750 lm	600x640
PT05-035	35 W	2450 lm	600x640
PT05-060	60 W	4200 lm	600x640

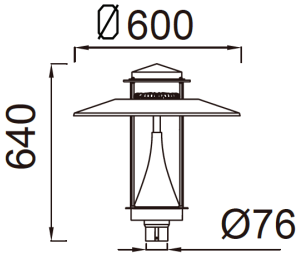
Suitable Pole Dia 76mm

Selectable Options

CCT	Beam Angle	Body Color
3000K	180°	Black
4000K		Grey
6500K		White







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FRATER®
SPAIN SINCE 1999

IEC60598 LM79 / LM80 COMPLIANCE | Glowing Wire Test - 850°C | SDCM <3 | CE COMPLIANCE | RoHS

Post Top Light PT06

- IP65
- Class I
- AC110-240V
- Pole Top Mounted Luminaire
- Highly recyclable
- 50K hours lifetime

Product Features:

- ✓ Suitable for illuminating streets, pathways, parks, and other outdoor landscape areas, providing safety and ambiance
- ✓ Built with heavy-duty materials to withstand harsh outdoor conditions, ensuring durability and longevity.
- ✓ Features a high IP rating, indicating protection against dust and water ingress, making it suitable for outdoor use in various weather conditions.
- ✓ Provides powerful and efficient lighting, enhancing visibility and security in outdoor environments.
- ✓ Utilizes energy-efficient lighting technology to minimize power consumption and reduce operating costs while maintaining excellent performance.
- ✓ Designed for straightforward installation on poles or posts, offering flexibility and convenience during setup.

Product Specifications:

- ✓ Housing: Die-Cast Aluminum Body
- ✓ Diffuser: Opal PC Diffuser & Tempered Glass
- ✓ Outstanding Working Temp: -30~50°C
- ✓ Delivered Lumen Output: 85-90lm/W
- ✓ Color Render Index > 80

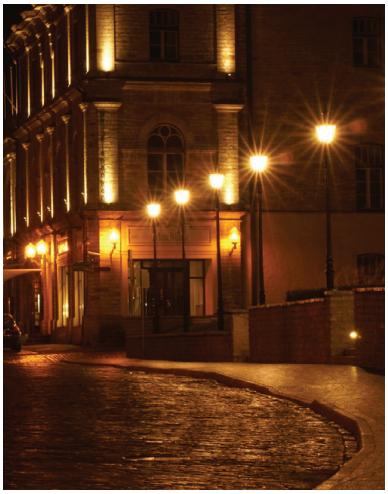
Model Selection

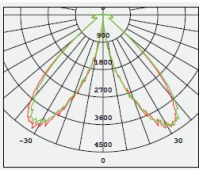
Model No.	Wattage	Lumen	Dimension (mm)DxH
PT06-030	30 W	2700 lm	430x526
PT06-055	55 W	4950 lm	430x526
PT06-080	80 W	6800 lm	430x526
PT06-100	100 W	8500 lm	430x526

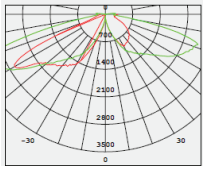
Suitable Pole Dia 60mm

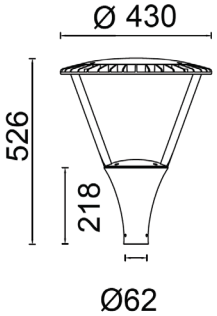
Selectable Options

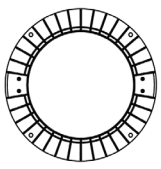
CCT	Beam Angle	Body Color
3000K	Sym	Black
4000K	ASym	Grey
6500K		White











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SPAIN SINCE 1999

Post Top Light PT07

IP65

Class I

AC110-240V

Pole Top Mounted Luminaire

Highly recyclable

50K hours lifetime

Product Features:

- ✓ Suitable for illuminating streets, pathways, parks, and other outdoor landscape areas, providing safety and ambiance
- ✓ Built with heavy-duty materials to withstand harsh outdoor conditions, ensuring durability and longevity.
- ✓ Features a high IP rating, indicating protection against dust and water ingress, making it suitable for outdoor use in various weather conditions.
- ✓ Provides powerful and efficient lighting, enhancing visibility and security in outdoor environments.
- ✓ Utilizes energy-efficient lighting technology to minimize power consumption and reduce operating costs while maintaining excellent performance.
- ✓ Designed for straightforward installation on poles or posts, offering flexibility and convenience during setup.

Product Specifications:

- ✓ Housing: Die-Cast Aluminum Body
- ✓ Diffuser: Opal PC Diffuser
- ✓ Outstanding Working Temp: -30~50°C
- ✓ Delivered Lumen Output: 85-90lm/W
- ✓ Color Render Index > 80

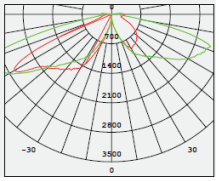
Model Selection

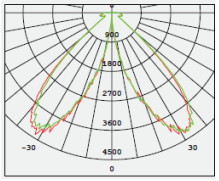
Model No.	Wattage	Lumen	Dimension (mm)DxH
PT07-030	30 W	2700 lm	430x526
PT07-055	55 W	4950 lm	430x526
PT07-080	80 W	6800 lm	430x526
PT07-100	100 W	8500 lm	430x526

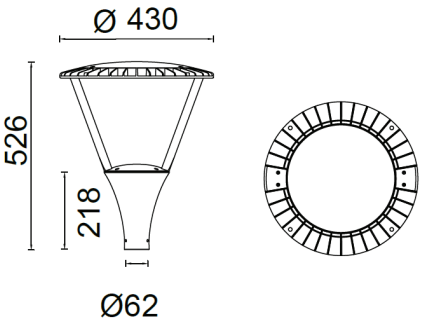
Suitable Pole Dia 60mm

Selectable Options

CCT	Beam Angle	Body Color
3000K	Sym	Black
4000K	ASym	Grey
6500K		White







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FRATER®
SPAIN SINCE 1999

IEC60598 LM79 / LM80 COMPLIANCE | Glowing Wire Test - 850°C | SDCM <3 | CE COMPLIANCE | RoHS COMPLIANT

Post Top Light PT08

IP65

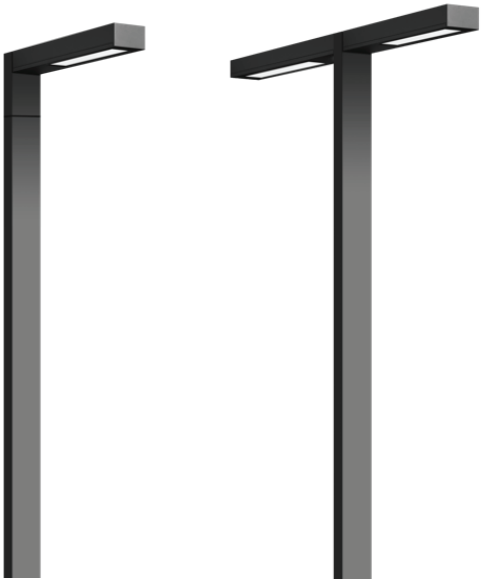
Class I

AC110-240V

Pole Top Mounted Luminaire

Highly recyclable

50K hours lifetime

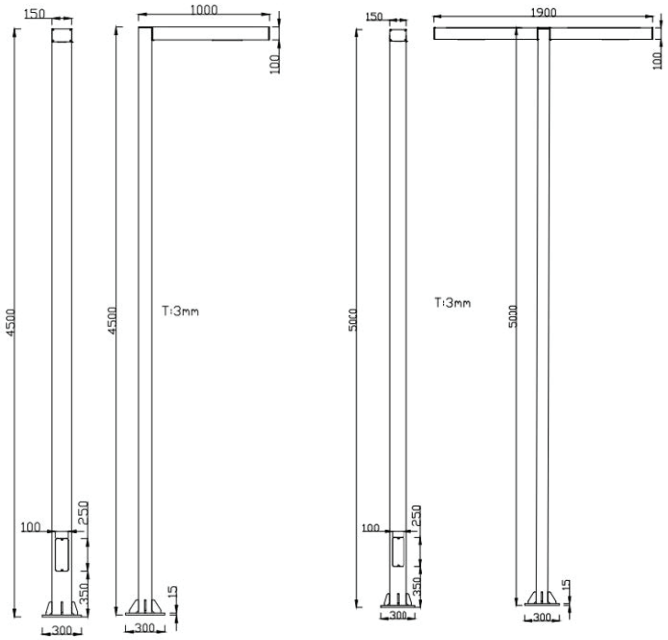


Product Features:

- ✓ Suitable for illuminating streets, pathways, parks, and other outdoor landscape areas, providing safety and ambiance
- ✓ Built with heavy-duty materials to withstand harsh outdoor conditions, ensuring durability and longevity.
- ✓ Features a high IP rating, indicating protection against dust and water ingress, making it suitable for outdoor use in various weather conditions.
- ✓ Provides powerful and efficient lighting, enhancing visibility and security in outdoor environments.
- ✓ Utilizes energy-efficient lighting technology to minimize power consumption and reduce operating costs while maintaining excellent performance.
- ✓ Designed for straightforward installation on poles or posts, offering flexibility and convenience during setup.

Product Specifications:

- ✓ Housing: Die-Cast Aluminum Body
- ✓ Diffuser: Pc Lens plus Clear Tempered Glass
- ✓ Outstanding Working Temp: -30~50°C
- ✓ Delivered Lumen Output: 100lm/W
- ✓ Color Render Index > 70/80



Model Selection

Model No.	Wattage	Lumen	Dimension (mm)LxWxH
PT08-045	45 W	4500 lm	150x100x4500
PT08-D45	2x45 W	2x4500 lm	140x100x5000

Selectable Options

CCT	Beam Angle	Body Color
3000K	Type II	Black
4000K	Type III	Grey
6500K	Type IV	White
	60°	
	90°	

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FRATER®
SPAIN SINCE 1999

IEC60598 LM79 / LM80 COMPLIANCE | Glowing Wire Test - 850°C | SDCM ≤3 | CE COMPLIANCE | RoHS

Post Top Light PT11

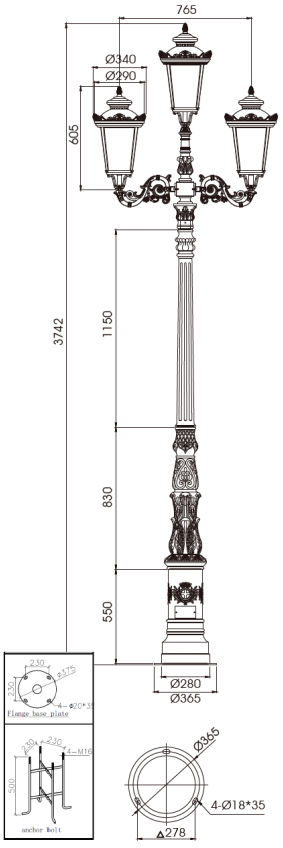
- IP65
- Class I
- AC110-240V
- Pole Top Mounted Luminaire
- Highly recyclable
- 50k Hours Lifetime

Product Features:

- ✓ Suitable for illuminating streets, pathways, parks, and other outdoor landscape areas, providing safety and ambiance
- ✓ Built with heavy-duty materials to withstand harsh outdoor conditions, ensuring durability and longevity.
- ✓ Features a high IP rating, indicating protection against dust and water ingress, making it suitable for outdoor use in various weather conditions.
- ✓ Provides powerful and efficient lighting, enhancing visbility and security in outdoor environments.
- ✓ Utilizes energy-efficient lighting technology to minimize power consumption and reduce operating costs while maintaining excellent performance.
- ✓ Designed for straightforward installation on poles or posts, offering flexibility and convenience during setup

Product Specifications:

- ✓ Housing: Die-Cast Aluminum Body
- ✓ Diffuser:
- ✓ Outstanding Working Temp: -30~50°C
- ✓ Color Render Index > 70/80



Model Selection

Model No.	Wattage
PT-020	20 W
PT-T20	20 W

Selectable Options

CCT	Beam Angle	Housing
3000K	20°	
4000K		
6500K		

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FRATER®
SPAIN SINCE 1999

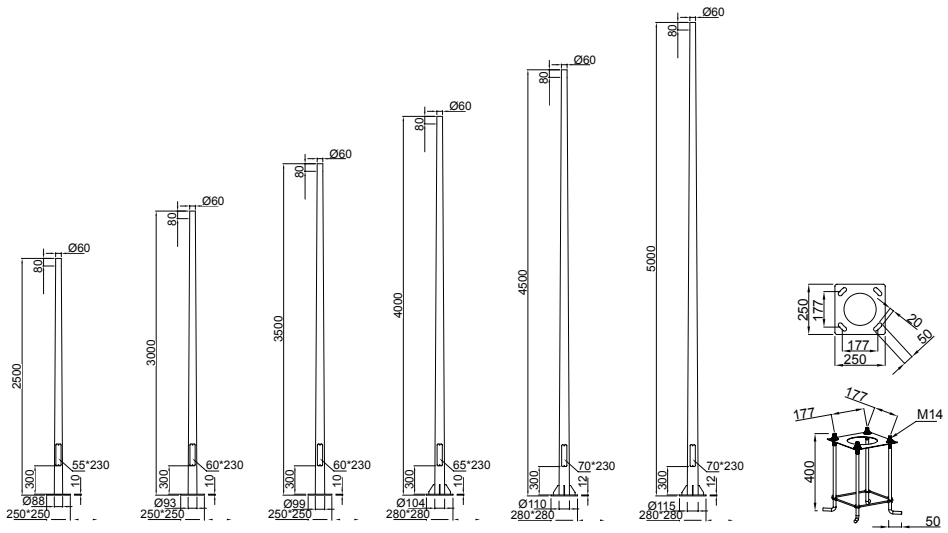
IEC60598 LM79 / LM80 COMPLIANCE | Glowing Wire Test - 850°C | SDCM <3 | CE COMPLIANCE | RoHS

Post Top Light Poles

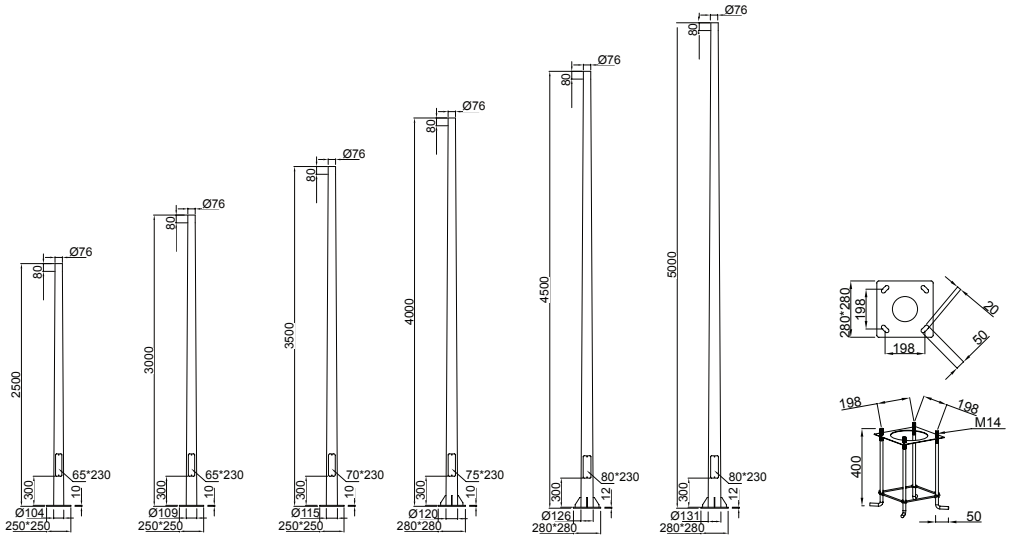
Aluminum Conical Poles

Black

Grey



Item no.	Total Height (mm)	Base diameter (mm)	Head diameter (mm)	Thickness (mm)	Door size (mm)	H from ground of door (mm)	Base plate (mm)
P01-2.5m	2500	Φ88	Φ60	3.0	55x230	300	250x250x10
P01-3m	3000	Φ93	Φ60	3.0	60x230	300	250x250x10
P01-3.5m	3500	Φ99	Φ60	3.0	60x230	300	250x250x10
P01-4m	4000	Φ104	Φ60	3.0	65x230	300	280x280x10
P01-4.5m	4500	Φ110	Φ60	3.0	70x230	300	280x280x12
P01-5m	5000	Φ115	Φ60	3.0	70x230	300	280x280x12



Item no.	Total Height (mm)	Base diameter (mm)	Head diameter (mm)	Thickness (mm)	Door size (mm)	H from ground of door (mm)	Base plate (mm)
P02-2.5m	2500	Φ104	Φ76	3.0	65x230	300	250x250x10
P02-3m	3000	Φ109	Φ76	3.0	65x230	300	250x250x10
P02-3.5m	3500	Φ115	Φ76	3.0	70x230	300	250x250x10
P02-4m	4000	Φ120	Φ76	3.0	75x230	300	280x280x10
P02-4.5m	4500	Φ126	Φ76	3.0	80x230	300	280x280x12
P02-5m	5000	Φ131	Φ76	3.0	80x230	300	280x280x12

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INGROUND LIGHT

FRATER®
SPAIN SINCE 1999

Inground Light IG01

IP67

Class I

AC220-240V

Inground Mounted Luminaire

Highly recyclable

50k Hours Lifetime

Product Features:

- ✓ Suitable for a wide range of outdoor applications including landscape lighting, pathway illumination, architectural highlighting, and more.
- ✓ Capable of operating in a wide temperature range, ensuring consistent performance in diverse environmental conditions.
- ✓ Sleek and Space-Saving Structure
- ✓ Resistant to corrosion and rust, ensuring reliability and aesthetics even in coastal or harsh environments.
- ✓ Extended Durability with a Lifespan of Up to 50,000 Hours L80.

Product Specifications:

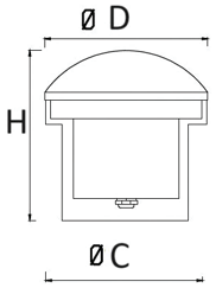
- ✓ Housing: Die-Cast Aluminum Body
- ✓ Outstanding Working Temp: -20~50°C
- ✓ Delivered Lumen Output: 70lm/W
- ✓ Color Render Index > 80

Model Selection

Model No.	Wattage	Lumen	Dimension (mm)DxH	Cut Out (mm)
IG01-003	1x3 W	210 lm	145x150	140
IG01-004	2x2 W	280 lm	145x150	140
IG01-008	4x2 W	560 lm	145x150	140

Selectable Options

CCT	Housing
3000K	Black
4000K	Grey
6500K	



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FRATER®
SPAIN SINCE 1999

Inground Light IG02

IP67

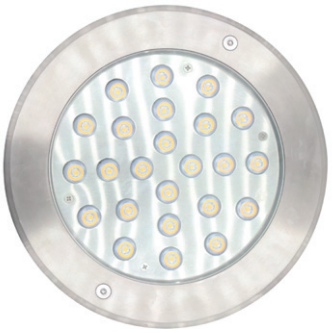
Class I

DC24V

Inground Mounted Luminaire

Highly recyclable

50k Hours Lifetime



Product Features:

- ✓ Suitable for a wide range of outdoor applications including landscape lighting, pathway illumination, architectural highlighting, and more.
- ✓ Capable of operating in a wide temperature range, ensuring consistent performance in diverse environmental conditions.
- ✓ Sleek and Space-Saving Structure
- ✓ Resistant to corrosion and rust, ensuring reliability and aesthetics even in coastal or harsh environments.
- ✓ Engineered with a sleek and slim profile, the light fitting requires minimal depth for installation.
- ✓ Extended Durability with a Lifespan of Up to 50,000 Hours L80.

Product Specifications:

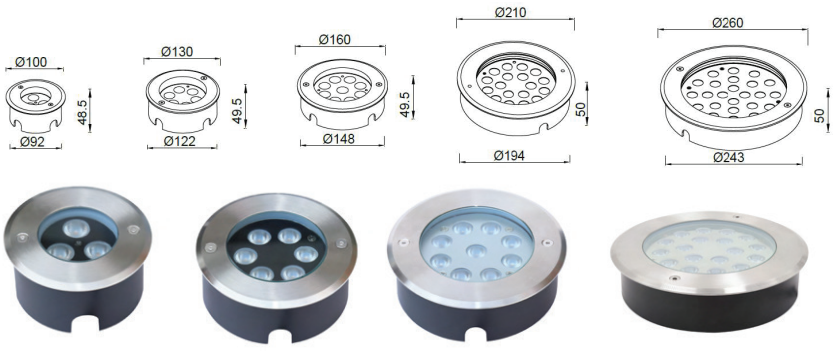
- ✓ Housing: Die-Cast Aluminum Body
- ✓ Trim: Stainless Steel
- ✓ Diffuser: Tempered Glass
- ✓ Outstanding Working Temp: 0~50°C
- ✓ Delivered Lumen Output: 90lm/W
- ✓ Color Render Index > 80

Model Selection

Model No.	Wattage	Lumen	Dimension (mm)DxH	Cut Out (mm)
IG02-003	3 W	270 lm	100x48.5	92
IG02-006	6 W	540 lm	130x49.5	122
IG02-009	9 W	810 lm	160x49.5	148
IG02-018	18 W	1620 lm	210x50	194
IG02-024	24 W	2160 lm	260x50	243

Selectable Options

CCT	Beam Angle
3000K	15°
4000K	30°
6500K	35°



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FRATER®
SPAIN SINCE 1999

IEC60598 LM79 / LM80 COMPLIANCE | Glowing Wire Test - 850°C | SDCM <3 | CE COMPLIANCE | RoHS

Inground Light IG03

- IP67
- Class I
- AC220-240V
- Inground Mounted Luminaire
- Highly recyclable
- 50k Hours Lifetime

Product Features:

- ✓ Suitable for a wide range of outdoor applications including landscape lighting, pathway illumination, architectural highlighting, and more.
- ✓ Capable of operating in a wide temperature range, ensuring consistent performance in diverse environmental conditions.
- ✓ Sleek and Space-Saving Structure
- ✓ Resistant to corrosion and rust, ensuring reliability and aesthetics even in coastal or harsh environments.
- ✓ An asymmetrical beam angle option specifically designed for facade illumination.
- ✓ Extended Durability with a Lifespan of Up to 50,000 Hours L80.

Product Specifications:

- ✓ Housing: Die-Cast Aluminum Body
- ✓ Trim: Stainless Steel
- ✓ Diffuser: Tempered Glass
- ✓ Outstanding Working Temp: 0~50°C
- ✓ Delivered Lumen Output: 80lm/W
- ✓ Color Render Index > 80

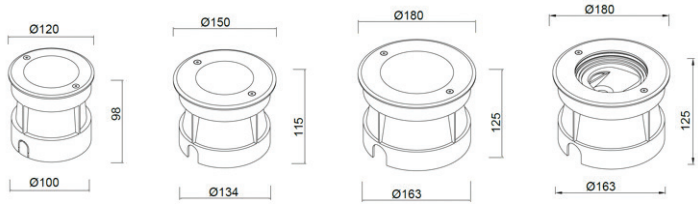
Model Selection

Model No.	Wattage	Lumen	Dimension (mm)DxH	Cut Out (mm)
IG03-005	5 W	400 lm	120x98	100
IG03-010	10 W	800 lm	150x115	134
IG03-015	15 W	1200 lm	180x125	163
IG03-A15	15 W	1200 lm	180x125	163

A- Asymmetrical

Selectable Options

CCT	Beam Angle
3000K	10°
4000K	20°
6500K	30°
	45° ASY



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FRATER®
SPAIN SINCE 1999

IEC60598 LM79 / LM80 COMPLIANCE | Glowing Wire Test - 850°C | SDCM <3 | CE COMPLIANCE | RoHS

Inground Light IG04

- IP67
- Class I
- AC220-240V
- Inground Mounted Luminaire
- Highly recyclable
- 50k Hours Lifetime

Product Features:

- ✓ Suitable for a wide range of outdoor applications including landscape lighting, pathway illumination, architectural highlighting, and more.
- ✓ Capable of operating in a wide temperature range, ensuring consistent performance in diverse environmental conditions.
- ✓ Sleek and Space-Saving Structure
- ✓ Resistant to corrosion and rust, ensuring reliability and aesthetics even in coastal or harsh environments.
- ✓ Extended Durability with a Lifespan of Up to 50,000 Hours L80.

Product Specifications:

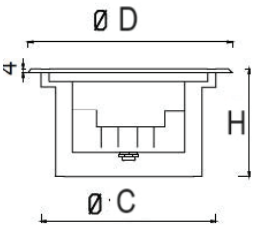
- ✓ Housing: Die-Cast Aluminum Body
- ✓ Trim: Stainless Steel
- ✓ Diffuser: Tempered Glass
- ✓ Outstanding Working Temp: -20~65°C
- ✓ Delivered Lumen Output: 90lm/W
- ✓ Color Render Index > 80

Model Selection

Model No.	Wattage	Lumen	Dimension (mm)DxH	Cut Out (mm)
IG04-003	3 W	270 lm	80x90	75
IG04-006	6 W	540 lm	120x90	110
IG04-009	9 W	810 lm	160x90	155
IG04-018	18 W	1620 lm	180x90	170
IG04-024	24 W	2160 lm	200x90	190
IG04-036	36 W	3240 lm	250x90	240
IG04-048	48 W	4320 lm	250x90	240

Selectable Options

CCT	Beam Angle
3000K	8°
4000K	15°
6500K	30°
	60°



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FRATER®
SPAIN SINCE 1999

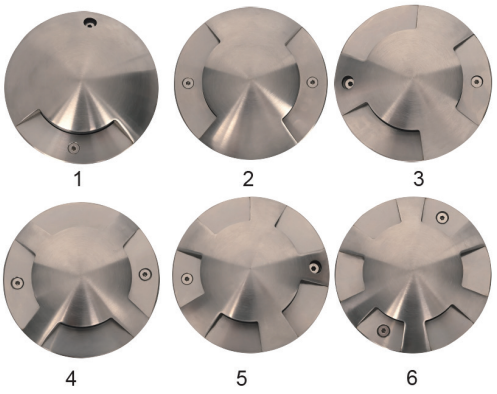
IEC60598 LM79 / LM80 COMPLIANCE | Glowing Wire Test - 850°C | SDCM <3 | CE COMPLIANCE | RoHS

Inground Light IG05

- IP67
- Class I
- AC220-240V
- Inground Mounted Luminaire
- Highly recyclable
- 50k Hours Lifetime

Product Features:

- ✓ Suitable for a wide range of outdoor applications including landscape lighting, pathway illumination, architectural highlighting, and more.
- ✓ Capable of operating in a wide temperature range, ensuring consistent performance in diverse environmental conditions.
- ✓ Sleek and Space-Saving Structure
- ✓ Resistant to corrosion and rust, ensuring reliability and aesthetics even in coastal or harsh environments.
- ✓ Extended Durability with a Lifespan of Up to 50,000 Hours L80.



Product Specifications:

- ✓ Housing: Die-Cast Aluminum Body
- ✓ Trim: Stainless Steel
- ✓ Diffuser: Tempered Glass
- ✓ Outstanding Working Temp: 0~50°C
- ✓ Delivered Lumen Output: 60lm/W
- ✓ Color Render Index > 80

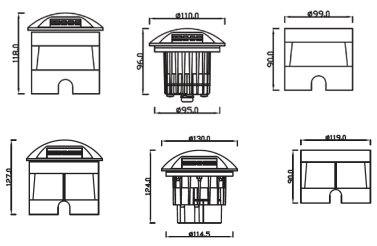
Model Selection

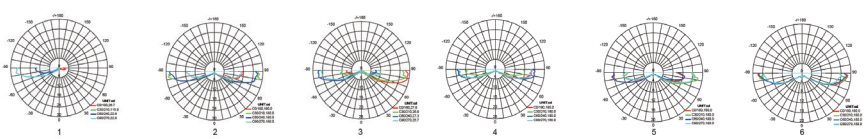
Model No.	Wattage	Lumen	Dimension (mm)DxH	Recess Box (mm)
IG05-X03	3 W	180 lm	110x96	99x90
IG05-X06	6 W	360 lm	130x124	119x90
IG05-X10	10 W	600 lm	160x135	146x130

X=1, 2, 3, 4, 5 and 6 for lighting distribution

Selectable Options

CCT	Beam Angle
3000K	30°
4000K	
6500K	





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FRATER®
SPAIN SINCE 1999

IEC60598 LM79 / LM80 COMPLIANCE | Glowing Wire Test - 850°C | SDCM <3 | CE COMPLIANCE | RoHS

Inground Light IG11

- IP68
- Class I
- DC24V
- Inground Luminaire
- Highly recyclable
- 50k Hours Lifetime

Product Features:

- ✓ The IP68 rating ensures complete protection against water and making it suitable for underwater appliactaions.
- ✓ Constructed with high-quality materials to withstand underwater conditions and resist corrosion, ensuring long-lasting performance.
- ✓ Designed for easy installation in various underwater settings such as swimming pools, ponds, fountains, and water features.
- ✓ Sleek and Space-Saving Structure
- ✓ Requires minimal maintenance, reducing the need for frequent underwater access and servicing
- ✓ Extended Durability with a Lifespan of Up to 50,000 Hours L80.

Product Specifications:

- ✓ Housing: Stainless Steel
- ✓ Trim: Stainless Steel
- ✓ Diffuser: Tempered Glass
- ✓ Outstanding Working Temp: 0~50°C
- ✓ Delivered Lumen Output: 80lm/W
- ✓ Color Render Index > 80

Model Selection

Model No.	Wattage	Lumen	Dimension (mm)DxH
IG11-005	5 W	45 lm	55x100

Selectable Options

CCT	Beam Angle
3000K	45°

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IEC60598 LM79 / LM80 COMPLIANCE | Glowing Wire Test - 850°C | SDCM <3 | CE COMPLIANCE | RoHS

Adjustable Inground Light IG14

- IP67
- Class I
- DC240V
- Inground Mounted Luminaire
- Highly recyclable
- 50k Hours Lifetime

Product Features:

- ✓ Sleek and compact design with adjustable LED lighting direction for enhanced flexibility.
- ✓ Suitable for a wide range of outdoor applications including landscape lighting, pathway illumination, architectural highlighting, and more.
- ✓ Capable of operating in a wide temperature range, ensuring consistent performance in diverse environmental conditions.
- ✓ Resistant to corrosion and rust, ensuring reliability and aesthetics even in coastal or harsh environments.
- ✓ Extended Durability with a Lifespan of Up to 50,000 Hours L80.

Product Specifications:

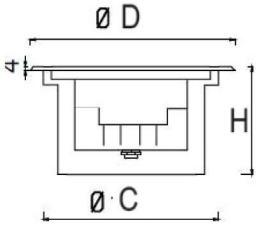
- ✓ Housing: Die-Cast Aluminum Body
- ✓ Trim: Stainless Steel
- ✓ Diffuser: Tempered Glass
- ✓ Outstanding Working Temp: -20~65°C
- ✓ Delivered Lumen Output: 90lm/W
- ✓ Color Render Index > 80
- ✓ Color Render Index (RGBW)> 70

Model Selection:

Model No.	Wattage	Lumen	Dimension (mm)DxH	Cut Out (mm)
IG14-020	20 W	1800 lm	260x196	240-250
IG14-030	30 W	2700 lm	260x196	240-250

Selectable Options

CCT	Beam Angle
3000K	15°
4000K	30°
6500K	60°
RGB	



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FRATER®
SPAIN SINCE 1999

Inground Linear Light IGLA

IP67

IK10

Class I

DC24V

Inground Mounted Luminaire

Highly recyclable

50k Hours Lifetime

Product Features:

- ✓ Suitable for a wide range of outdoor applications including landscape lighting, pathway illumination, architectural highlighting, and more.
- ✓ Capable of operating in a wide temperature range, ensuring consistent performance in diverse environmental conditions.
- ✓ Sleek and Space-Saving Structure
- ✓ Resistant to corrosion and rust, ensuring reliability and aesthetics even in coastal or harsh environments.
- ✓ Extended Durability with a Lifespan of Up to 50,000 Hours L80.

Product Specifications:

- ✓ Housing: Aluminum Body
- ✓ Outstanding Working Temp: -20~50°C
- ✓ Color Render Index > 80

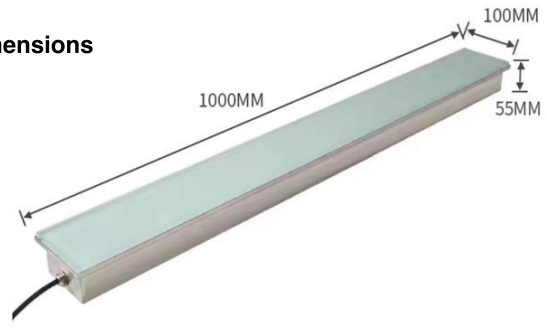
Model Selection

Model No.	Wattage	Lumen	Dimension (mm)DxH
IGLA-010	10 W	500 lm	1000x100x55
IGLA-020	20 W	1000 lm	1000x100x55

Selectable Options

CCT	Housing
3000K	Black
4000K	White
6500K	

Dimensions



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Inground Linear Light IGL1

IP67

IK10

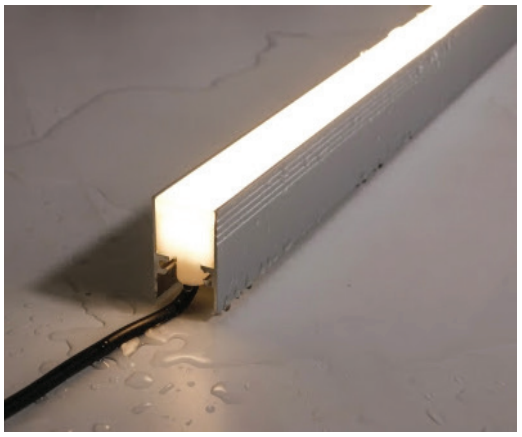
Class I

AC220-240V

Inground Mounted Luminaire

Highly recyclable

50k Hours Lifetime



Product Features:

- ✓ Curved in-ground linear light offering sleek, modern aesthetics with a robust and low-profile design suitable for various architectural and landscape applications.
- ✓ Engineered to withstand heavy loads, this light is drive-over rated, making it ideal for use in driveways, parking lots, and other areas subjected to vehicle traffic.
- ✓ High-impact resistance rating ensures durability against vandalism and accidental impacts, making it suitable for high-traffic and public spaces.
- ✓ Constructed from high-quality, corrosion-resistant materials, ensuring longevity and minimal maintenance.
- ✓ Extended Durability with a Lifespan of Up to 50,000 Hours L80.

Product Specifications:

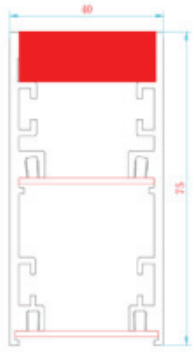
- ✓ Housing: Aluminum Body
- ✓ Diffuser: Frosted Acrylic
- ✓ Outstanding Working Temp: -20~50°C
- ✓ Delivered Lumen Output: 110lm/W
- ✓ Color Render Index > 80

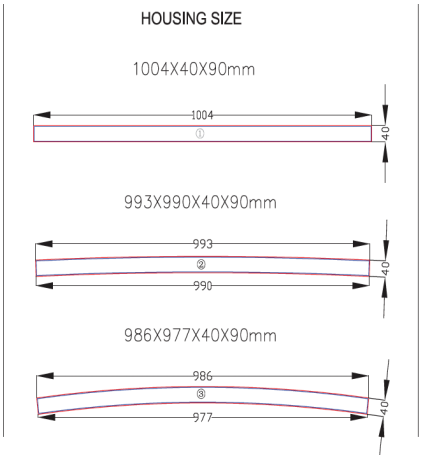
Model Selection

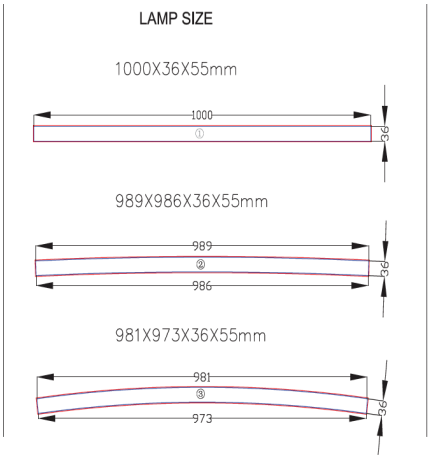
Model No.	Wattage	Lumen	Dimension (mm)DxH
IGL1-001	10 W/M	110 lm/W	1004x40x90
IGL1-002	10 W/M	110 lm/W	993x990x40x90
IGL1-003	10 W/M	110 lm/W	986x977x40x90

Selectable Options

CCT	Housing
3000K	Black
4000K	White
6500K	







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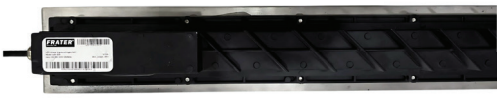
SPAIN SINCE 1999

IEC60598 LM79 / LM80 COMPLIANCE | Glowing Wire Test - 850°C | SDCM <3 | CE COMPLIANCE | RoHS

Wall Linear Inground LI01

- IP67
- Class I
- AC220-240V
- Surface Mounted Luminaire
- Highly recyclable
- 50k Hours Lifetime



Product Features:

- ✓ Crafted with high-quality materials to withstand outdoor elements, ensuring longevity and resilience.
- ✓ Creates an attractive and stylish ambiance on building facades, walls, or outdoor spaces, enhancing the visual appeal of the area.
- ✓ Suitable for a wide range of outdoor applications, including architectural lighting, accentuating building features, and illuminating wakeways,
- ✓ Sleek and Space-Saving AW Structure.
- ✓ Extended Durability with a Lifespan of Up to 50,000 Hours L80.

Product Specifications:

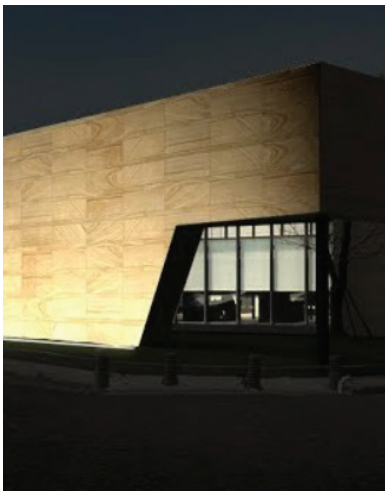
- ✓ Housing: Die-Cast Aluminum Body
- ✓ Diffuser: Clear Tempered Glass
- ✓ Outstanding Working Temp: 0~50°C
- ✓ Color Render Index > 80

Model Selection

Model No.	Wattage	Lumen	Dimension (mm)LxWxH
LI01-036	36 W	2880 lm	1000x90x65

Selectable Options

CCT	Beam Angle	Housing
3000K 4000K 6500K	15°	StainL



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UNDERWATER LIGHT

FRATER®
SPAIN SINCE 1999

Under Water Light UW01

- IP68
- Class I
- DC24V
- Floor Mounted Luminaire
- Highly recyclable
- 50k Hours Lifetime

Product Features:

- ✓ The IP68 rating ensures complete protection against water and making it suitable for underwater appliactaions.
- ✓ Constructed with high-quality materials to withstand underwater conditions and resist corrosion, ensuring long-lasting performance.
- ✓ Designed for easy installation in various underwater settings such as swimming pools, ponds, fountains, and water features.
- ✓ Sleek and Space-Saving Structure
- ✓ Requires minimal maintenance, reducing the need for frequent underwater access and servicing
- ✓ Extended Durability with a Lifespan of Up to 50,000 Hours L80.

Product Specifications:

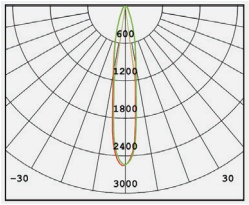
- ✓ Housing: Stainless Steel
- ✓ Trim: Stainless Steel
- ✓ Diffuser: Tempered Glass
- ✓ Outstanding Working Temp: 0~50°C
- ✓ Delivered Lumen Output: 90lm/W
- ✓ Color Render Index > 80

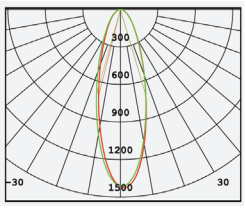
Model Selection

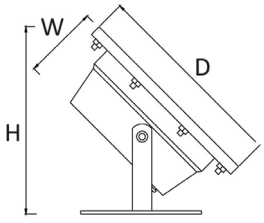
Model No.	Wattage	Lumen	Dimension (mm)DxHxW
UW01-007	7 W	630 lm	145x170x85
UW01-012	12 W	1080 lm	190x180x80
UW01-018	18 W	1620 lm	214x220x90

Selectable Options

CCT	Beam Angle
3000K	16°
4000K	30°
6500K	







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SPAIN SINCE 1999

IEC60598 LM79 / LM80 COMPLIANCE | Glowing Wire Test - 850°C | SDCM <3 | CE COMPLIANCE | RoHS

Under Water Light UW02

- IP68
- Class I
- DC24V
- Inground Luminaire
- Highly recyclable
- 50k Hours Lifetime

Product Features:

- ✓ The IP68 rating ensures complete protection against water and making it suitable for underwater appliactaions.
- ✓ Constructed with high-quality materials to withstand underwater conditions and resist corrosion, ensuring long-lasting performance.
- ✓ Designed for easy installation in various underwater settings such as swimming pools, ponds, fountains, and water features.
- ✓ Sleek and Space-Saving Structure
- ✓ Requires minimal maintenance, reducing the need for frequent underwater access and servicing
- ✓ Extended Durability with a Lifespan of Up to 50,000 Hours L80.

Product Specifications:

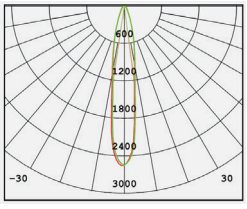
- ✓ Housing: Stainless Steel
- ✓ Trim: Stainless Steel
- ✓ Diffuser: Tempered Glass
- ✓ Outstanding Working Temp: 0~50°C
- ✓ Delivered Lumen Output: 90lm/W
- ✓ Color Render Index > 80

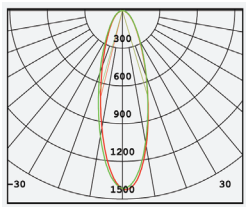
Model Selection

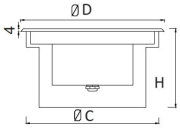
Model No.	Wattage	Lumen	Dimension (mm)DxH	Cutout (mm)
UW02-007	7 W	630 lm	150x110	110
UW02-012	12 W	1080 lm	209x199	115
UW02-018	18 W	1620 lm	210x199	155

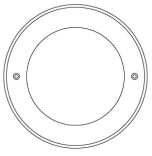
Selectable Options

CCT	Beam Angle
3000K	16°
4000K	30°
6500K	









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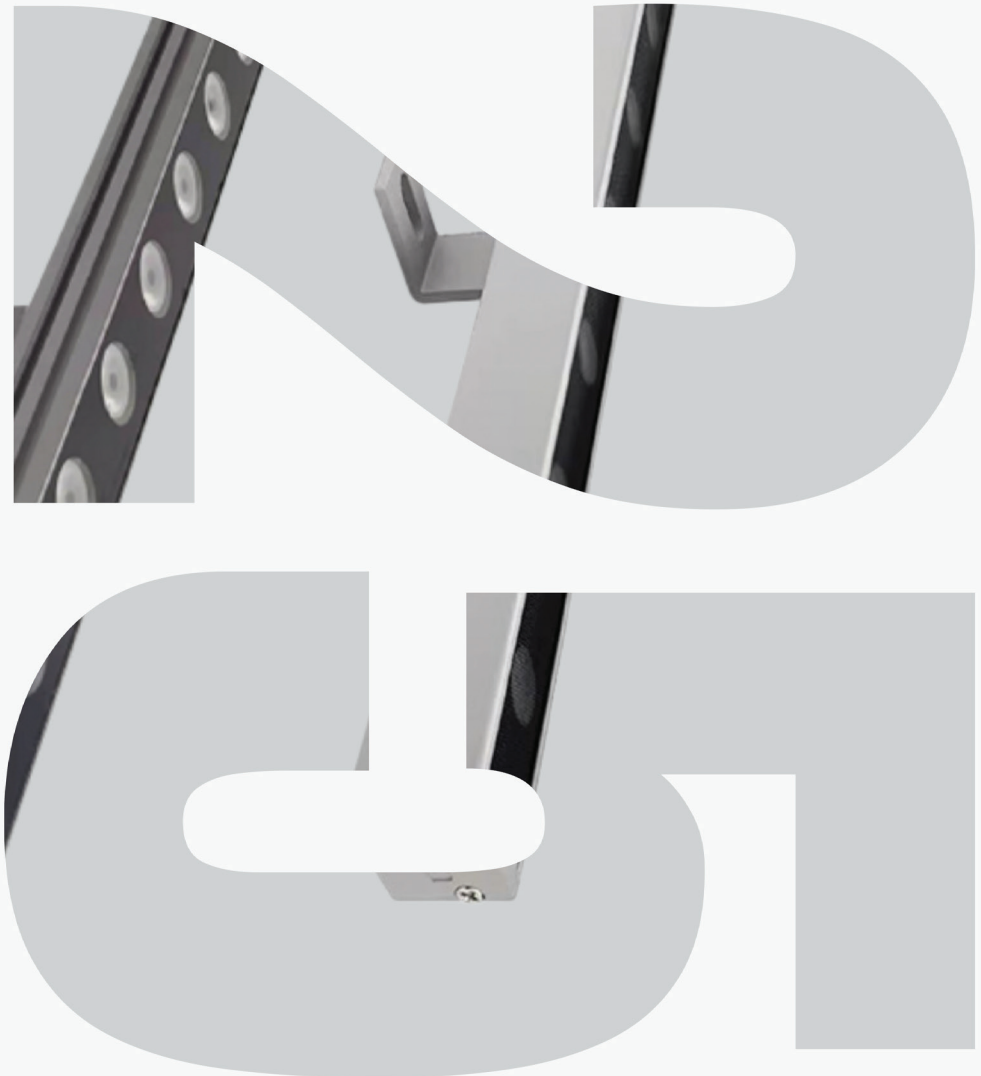


WALL WASHER LIGHT

FRATER®
SPAIN SINCE 1999

IEC60598 LM79 / LM80 COMPLIANCE | Glowing Wire Test - 850°C | SDCM <3 | CE COMPLIANCE | RoHS COMPLIANT

Wall Washer Light WW01

IP65

Class I

DC 24V

Surface Mounted Lumainaire

Highly recyclable

50k Hours Lifetime

Product Features:

- ✓ Crafted with high-quality materials to withstand outdoor elements, ensuring longevity and resilience.
- ✓ Creates an attractive and stylish ambiance on building facades, walls, or outdoor spaces, enhancing the visual appeal of the area.
- ✓ Suitable for a wide range of outdoor applications, including architectural lighting, accentuating building features, and illuminating walkways.
- ✓ Sleek and Space-Saving Structure.
- ✓ Extended Durability with a Lifespan of Up to 50,000 Hours L80

Product Specifications:

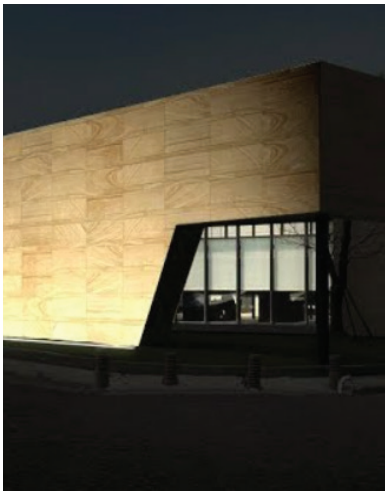
- ✓ Housing: Die-Cast Aluminum Body
- ✓ Diffuser: Clear Tempered Glass
- ✓ Outstanding Temp: 0~50°C
- ✓ Color Render Index > 80

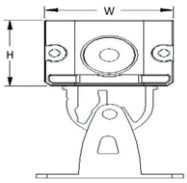
Model Selection

Model No.	Wattage	Lumen	Dimension (mm)LxWxH
WW01-012	12 W	1320 lm	500x25x25
WW01-024	24 W	2650 lm	1000x25x25
WW01-036	36 W	3960 lm	1200x25x25
WW01-048	48 W	5280 lm	1500x25x25

Selectable Options

CCT	Beam Angle	Housing
3000K	8°	Black
4000K	10x30°	Grey
6500K	20x60°	





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SPAIN SINCE 1999

IEC60598 LM79 / LM80 COMPLIANCE | Glowing Wire Test - 850°C | SDCM <3 | CE COMPLIANCE | RoHS

Wall Washer Light WW02

IP67

Class I

DC 24V

Surface Mounted Lumainaire

Highly recyclable

50k Hours Lifetime

Product Features:

- ✓ Crafted with high-quality materials to withstand outdoor elements, ensuring longevity and resilience.
- ✓ Creates an attractive and stylish ambiance on building facades, walls, or outdoor spaces, enhancing the visual appeal of the area.
- ✓ Suitable for a wide range of outdoor applications, including architectural lighting, accentuating building features, and illuminating walkways.
- ✓ Sleek and Space-Saving Structure.
- ✓ Extended Durability with a Lifespan of Up to 50,000 Hours L80

Product Specifications:

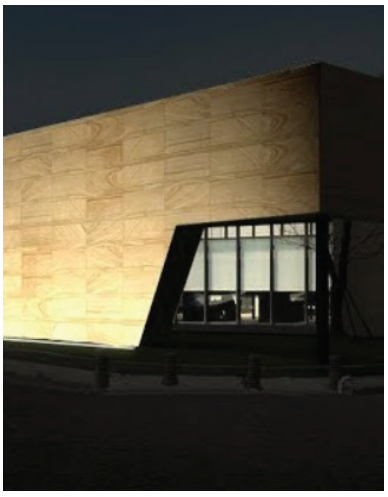
- ✓ Housing: Die-Cast Aluminum Body
- ✓ Diffuser: Clear Tempered Glass
- ✓ Outstanding Temp: 0~50°C
- ✓ Color Render Index > 80

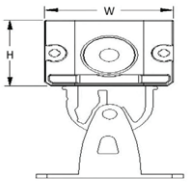
Model Selection

Model No.	Wattage	Lumen	Dimension (mm)LxWxH
WW02-015	15 W	1200 lm	600x36x28
WW02-036	36 W	2880 lm	1000x36x28
WW02-048	48 W	3840 lm	1000x36x28
WW02-072	72 W	5760 lm	1200x36x28

Selectable Options

CCT	Beam Angle	Housing
3000K	15/30/45°	Black
4000K	10x60°	Grey
6500K	RGBW	





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FRATER®
SPAIN SINCE 1999

Wall Washer Light WW03

- IP65
- Class I
- AC220-240V
- Surface Mounted Lumainaire
- Highly recyclable
- 50k Hours Lifetime

Product Features:

- ✓ Crafted with high-quality materials to withstand outdoor elements, ensuring longevity and resilience.
- ✓ Creates an attractive and stylish ambiance on building facades, walls, or outdoor spaces, enhancing the visual appeal of the area.
- ✓ Suitable for a wide range of outdoor applications, including architectural lighting, accentuating building features, and illuminating walkways.
- ✓ Sleek and Space-Saving Structure.
- ✓ Extended Durability with a Lifespan of Up to 50,000 Hours L80

Product Specifications:

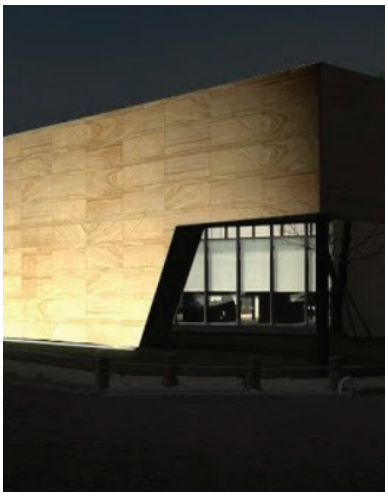
- ✓ Housing: Die-Cast Aluminum Body
- ✓ Diffuser: Clear Tempered Glass
- ✓ Outstanding Temp: 0~50°C
- ✓ Color Render Index > 80

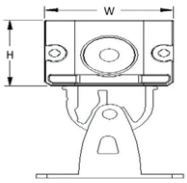
Model Selection

Model No.	Wattage	Lumen	Dimension (mm)LxWxH
WW03-012	12 W	960 lm	300x50x30
WW03-024	24 W	1920 lm	700x50x30
WW03-036	36 W	2880 lm	1000x50x30
WW03-048	48 W	3840 lm	1206x50x30

Selectable Options

CCT	Beam Angle	Housing
3000K	8°	Black
4000K	10x30°	Grey
6500K	12x35°	
	8x45°	





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FRATER®
SPAIN SINCE 1999

IEC60598 LM79 / LM80 COMPLIANCE | Glowing Wire Test - 850°C | SDCM <3 | CE COMPLIANCE | RoHS

Wall Washer Light WW04

IP67

Class I

DC 24V

Surface Mounted Lumainaire

Highly recyclable

50k Hours Lifetime

Product Features:

- ✓ Crafted with high-quality materials to withstand outdoor elements, ensuring longevity and resilience.
- ✓ Creates an attractive and stylish ambiance on building facades, walls, or outdoor spaces, enhancing the visual appeal of the area.
- ✓ Suitable for a wide range of outdoor applications, including architectural lighting, accentuating building features, and illuminating walkways.
- ✓ Sleek and Space-Saving Structure.
- ✓ Extended Durability with a Lifespan of Up to 50,000 Hours L80

Product Specifications:

- ✓ Housing: Stainless Steel + Aluminum Alloy
- ✓ Diffuser: Clear Tempered Glass
- ✓ Outstanding Temp: 0~50°C
- ✓ Color Render Index > 80

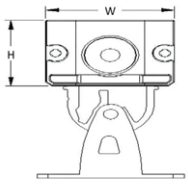
Model Selection

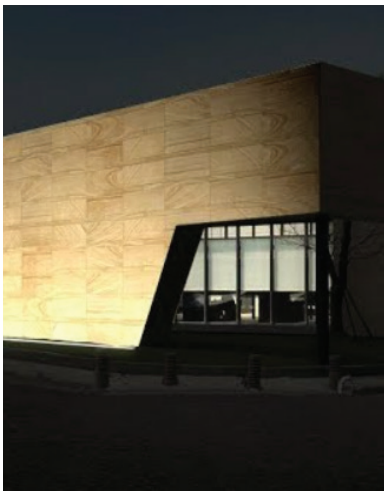
Model No.	Wattage	Lumen	Dimension (mm)LxWxH
WW04-018	18 W	1400 lm	600x90x75
WW04-024	24 W	1920 lm	1000x90x75
WW04-035	36 W	2880 lm	1200x90x75
WW02-072	72 W	5760 lm	1200x36x28

* Customized Wattages / Lengths are Available

Selectable Options

CCT	Beam Angle	Housing
3000K	15/30/45/60°	StainL
4000K		
6500K		





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FRATER®
SPAIN SINCE 1999

IEC60598 LM79 / LM80 COMPLIANCE | Glowing Wire Test - 850°C | SDCM <3 | CE COMPLIANCE | RoHS

Wall Washer Light WW05

- IP67
- Class I
- DC 24V
- Surface Mounted Lumainaire
- Highly recyclable
- 50k Hours Lifetime

Product Features:

- ✓ Crafted with high-quality materials to withstand outdoor elements, ensuring longevity and resilience.
- ✓ Creates an attractive and stylish ambiance on building facades, walls, or outdoor spaces, enhancing the visual appeal of the area.
- ✓ Suitable for a wide range of outdoor applications, including architectural lighting, accentuating building features, and illuminating walkways.
- ✓ Sleek and Space-Saving Structure.
- ✓ Extended Durability with a Lifespan of Up to 50,000 Hours L80

Product Specifications:

- ✓ Housing: Die-Cast Aluminum Body
- ✓ Diffuser: Clear Tempered Glass
- ✓ Outstanding Temp: 0~50°C
- ✓ Color Render Index > 80

Model Selection

Model No.	Wattage	Lumen	Dimension (mm)LxWxH
WW05-003	3 W	240 lm	94x39x59

*Per Module

Selectable Options

CCT	Beam Angle	Housing
3000K	15/30/45°	Black
4000K	10x30°	Grey
6500K		

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FRATER®
SPAIN SINCE 1999

IEC60598 LM79 / LM80 COMPLIANCE | Glowing Wire Test - 850°C | SDCM <3 | CE COMPLIANCE | RoHS

Wall Washer Light WW06

- IP67
- Class I
- DC24V
- Surface Mounted Lumainaire
- Highly recyclable
- 50k Hours Lifetime

Product Features:

- ✓ Crafted with high-quality materials to withstand outdoor elements, ensuring longevity and resilience.
- ✓ Creates an attractive and stylish ambiance on building facades, walls, or outdoor spaces, enhancing the visual appeal of the area.
- ✓ Suitable for a wide range of outdoor applications, including architectural lighting, accentuating building features, and illuminating walkways.
- ✓ Sleek and Space-Saving Structure.
- ✓ Extended Durability with a Lifespan of Up to 50,000 Hours L80

Product Specifications:

- ✓ Housing: Die-Cast Aluminum Body
- ✓ Diffuser: Clear Tempered Glass
- ✓ Outstanding Temp: 0~50°C
- ✓ Color Render Index > 80

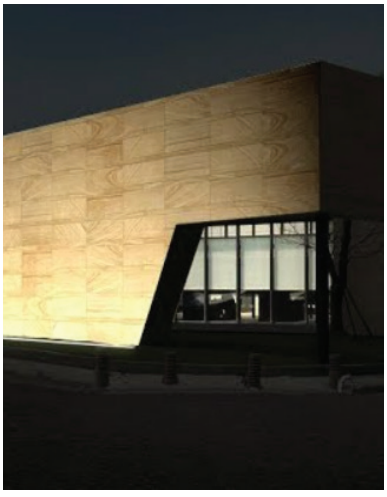
Model Selection

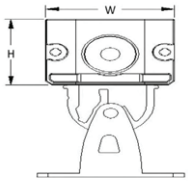
Model No.	Wattage	Lumen	Dimension (mm)LxWxH
WW06-015	15 W	900 lm	990x50x52
WW06-036	40 W	2400 lm	1315x50x52

*Customized Wattages / Lengths are available

Selectable Options

CCT	Beam Angle	Housing
3000K	15/30/45°	Black
4000K	10x30°	Grey
6500K		





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FRATER®
SPAIN SINCE 1999

Wall Washer Light WW07

- IP67
- Class I
- DC24V
- Surface Mounted Lumainaire
- Highly recyclable
- 50k Hours Lifetime

Product Features:

- ✓ Crafted with high-quality materials to withstand outdoor elements, ensuring longevity and resilience.
- ✓ Creates an attractive and stylish ambiance on building facades, walls, or outdoor spaces, enhancing the visual appeal of the area.
- ✓ Suitable for a wide range of outdoor applications, including architectural lighting, accentuating building features, and illuminating walkways.
- ✓ Sleek and Space-Saving Structure.
- ✓ Extended Durability with a Lifespan of Up to 50,000 Hours L80

Product Specifications:

- ✓ Housing: Die-Cast Aluminum Body
- ✓ Diffuser: Clear Tempered Glass
- ✓ Outstanding Temp: 0~50°C
- ✓ Color Render Index > 80

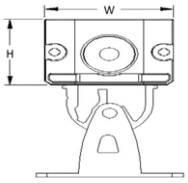
Model Selection

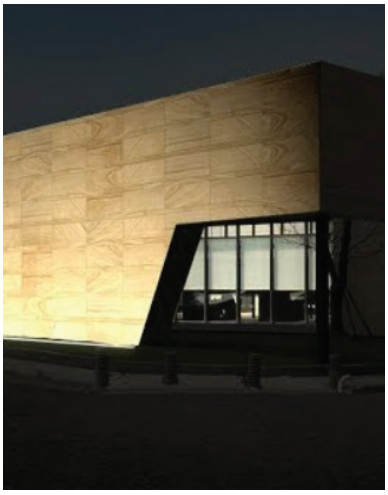
Model No.	Wattage	Lumen	Dimension (mm)LxWxH
WW07-025	25 W	1500 lm	620x36x28

*Customized Wattages / Lengths are available

Selectable Options

CCT	Beam Angle	Housing
3000K	15/30/45°	Black
4000K	10x30°	Grey
6500K		





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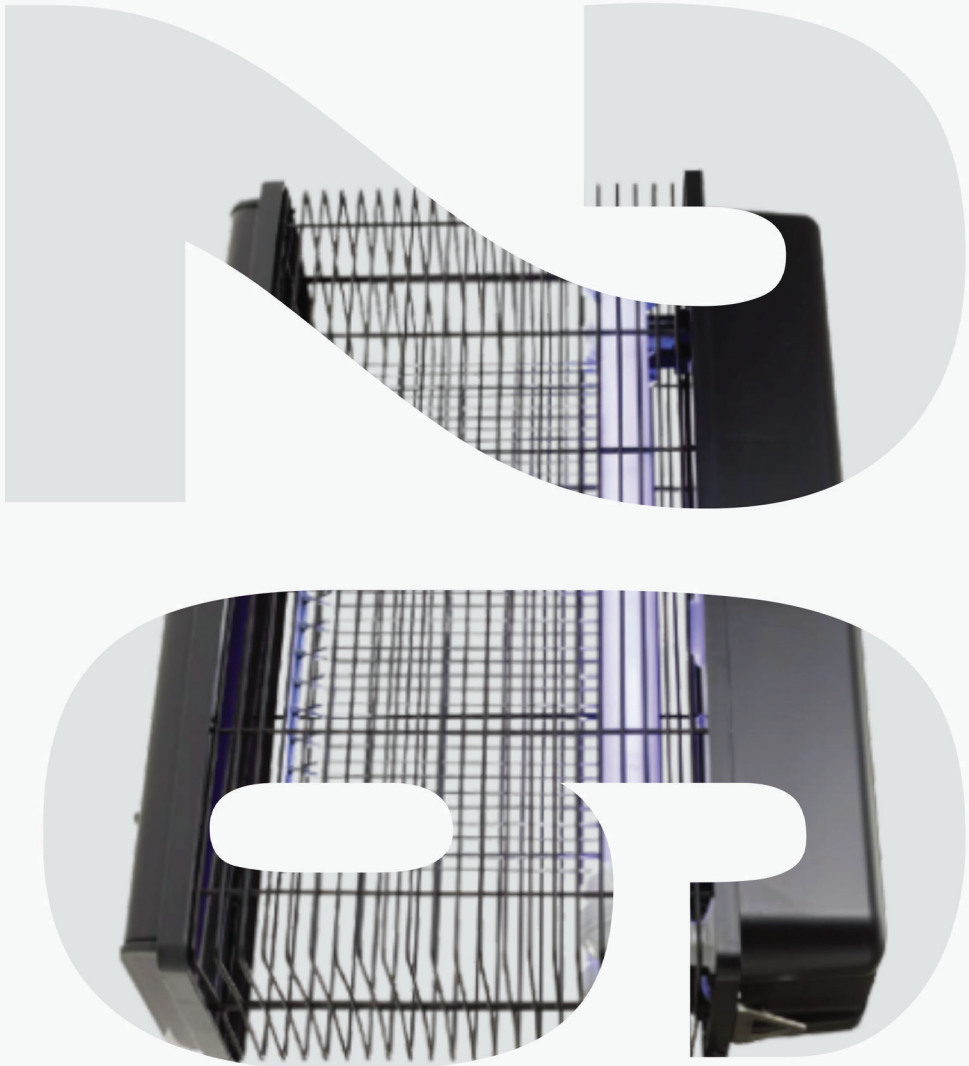


MOSQUITO KILLER

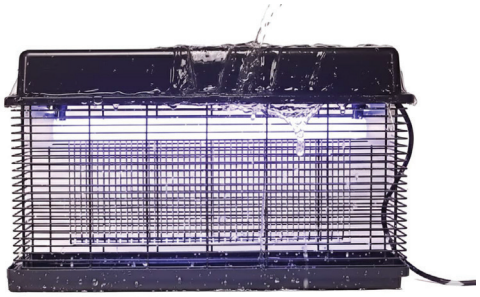
FRATER®
SPAIN SINCE 1999

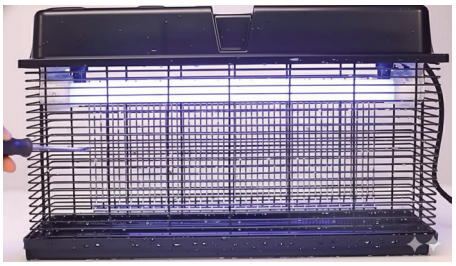
Mosquito Killer MK01

- IP54
- Class I
- AC220V
- Surface Installation
- Highly recyclable

Product Features:

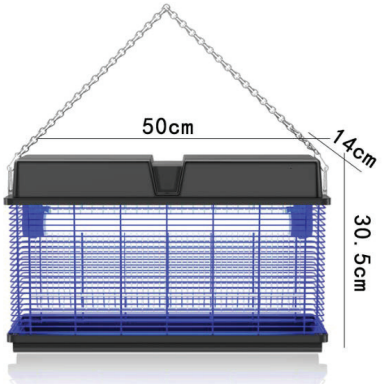
- ✓ Constructed with an ABS Waterproof Housing for enhanced durability and weather resistance.
- ✓ Features a High-Density Stainless Steel Protective Net to prevent accidental human or pet contact with the internal high-voltage grid.
- ✓ Machine Waterproof design ensures reliable operation in various environmental conditions, including rain
- ✓ Magnetic Continuous Discharge system delivers a high-voltage shock (2000V) upon contact, ensuring mosquitoes and other flying insects die instantly.
- ✓ Designed to cover large areas, suitable for big area spaces.
- ✓ Perfectly engineered for Indoor and Outdoor Use, offering flexible placement in homes, gardens, patios, and commercial spaces.
- ✓ Humanized Pull-Type Mosquito Trap Box for simple, non-messy collection and disposal of killed insects.
- ✓ Standard AC220V power input with power cord for reliable utilization

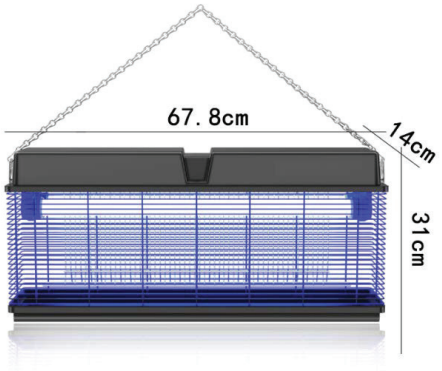




Model Selection

Model No.	Wattage	Dimension (mm)DxH	Weight Kg
MK01-D15	2x18 T8	510x310x140	4
MK01-D20	2x22 T8	678x315x140	4.8





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ADVERTISEMENT

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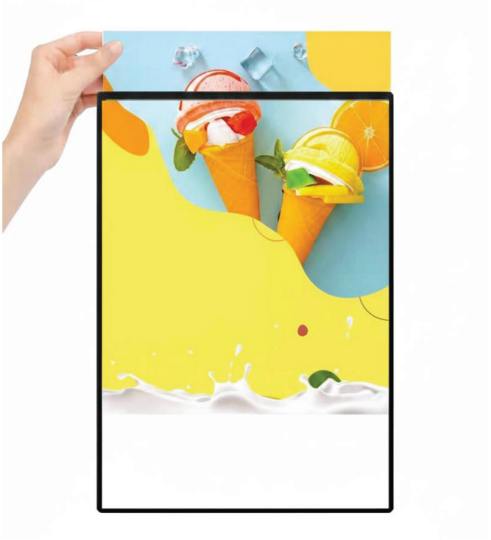
Advertisment Box AB01



- IP40
- Class I
- AC220V
- Surface Installation
- Highly recyclable

Product Features:

- ✓ Ultra-Slim Architectural Profile: Boasting a thickness of only 1.0cm, this light box provides a sleek, modern aesthetic that blends seamlessly into any interior environment without the bulk of traditional signage.
- ✓ Premium Material Engineering: Constructed with a high-grade Aluminum Alloy frame and Tempered Glass paneling, ensuring superior durability, scratch resistance, and a high-end finish compared to standard plastic alternatives.
- ✓ Edge-to-Edge Clarity: Featuring a minimalist 9mm silk-screen border, the design maximizes the visual area of your graphics for a clean, sophisticated "infinity" look.
- ✓ Energy-Efficient LED Technology: Integrated with high-output, low-consumption LED light sources, providing bright, uniform illumination while significantly reducing operational costs and heat output.
- ✓ Hassle-Free Installation: Designed for a simple Wall-Mounted (Wall-Hugging) setup, allowing for quick deployment in retail spaces, galleries, or corporate offices.

Product Specifications:

- ✓ Chassis Material: Aluminum Alloy
- ✓ Front Facing: High-Transparency Tempered Glass
- ✓ Light Source: LED
- ✓ Profile Thickness: 10mm
- ✓ Border Width: 9mm

Model Selection

Model No.	Wattage	Dimension (mm)LxH
AB01-024	24 W	500x700
AB01-028	28W	600x800
AB01-030	30W	600x900
AB01-042	42 W	600x1200

* Customized Diamentions Available on Request.

Selectable Options

Profile Color
Black
Silver

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FRATER®
SPAIN SINCE 1999

Certifications & Registration

CERTIFICATE

The Certification Body of TÜV SÜD Middle East L.L.C. certifies that

AW Rostamani Lumina L.L.C
Al Quoz Industrial Area 2,
Dubai, United Arab Emirates

has established and applies a Quality Management System for

Design, Manufacture, Assembly and Laboratory Testing of Luminaries, LED Drivers and Accessories
(Category: EA 18, 34 & NACE 27.40, 71.2)

An audit was performed, Report No. 79406225
Proof has been furnished that the requirements according to

ISO 9001:2015

are fulfilled.

The certificate is valid from 2025-07-18 until 2028-07-17
Certificate Registration No. ME 9K 0198 EIAC

Mr. Parkisan Venugopal
Head of Certification Body

Dubai, 2025-07-18

ACCREDITATION CERTIFICATE

LB-TEST-148

Emirates International Accreditation Centre

has accredited

AW ROSTAMANI LUMINA

Al Quoz | Industrial area 2 | Street 33B

Dubai | United Arab Emirates

In accordance with the requirements of

ISO/IEC 17025:2017

General requirements for the competence of testing and calibration laboratories

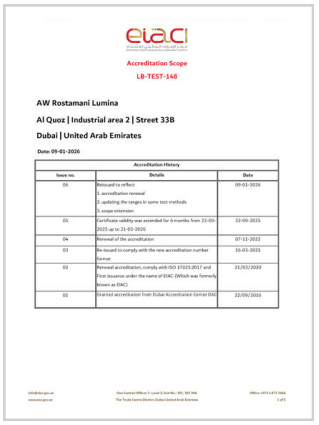
to undertake the tests in the attached accreditation scope

This Accreditation is invalid without the attached accreditation scope and shall remain in force within the validity period printed below, subject to continuing compliance with the requirements of the accreditation criteria.

Validity: 09-01-2026 to 21-09-2028

Initial Accreditation Date: 22-09-2016

Amina Abdulla Mohammad
CHIEF EXECUTIVE OFFICER


Accreditation Scope

LB-TEST-148

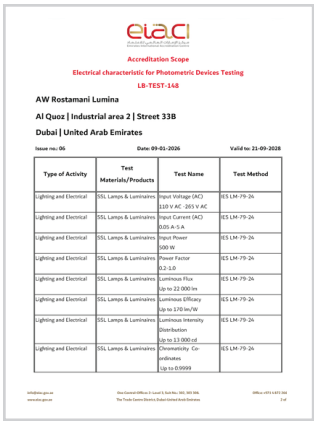
AW Rostamani Lumina

Al Quoz | Industrial area 2 | Street 33B

Dubai | United Arab Emirates

Date: 09-01-2026

Accreditation History		
Issue no.	Details	Date
05	Reissued to reflect: 1. accreditation renewal 2. updating the ranges in some test methods 3. scope extension	09-01-2026
05	Certificate validity was extended for 6 months from 22-09-2025 up to 21-03-2026	22-09-2025
04	Renewal of the accreditation	07-11-2022
03	Re-issued to comply with the new accreditation number format	16-03-2021
02	Renewal accreditation, comply with ISO 17025:2017 and First issuance under the name of EIAC (Which was formerly known as EIAC)	21/03/2020
01	Granted accreditation from Dubai Accreditation Center DAC	22/09/2016


Accreditation Scope

Electrical characteristic for Photometric Devices Testing

LB-TEST-148

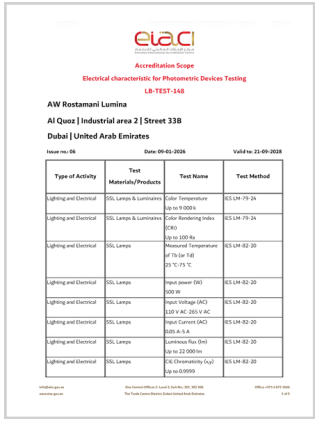
AW Rostamani Lumina

Al Quoz | Industrial area 2 | Street 33B

Dubai | United Arab Emirates

Issue no.: 06 Date: 09-01-2026 Valid to: 21-09-2028

Type of Activity	Test Materials/Products	Test Name	Test Method
Lighting and Electrical	SSL Lamps & Luminaires	Input Voltage (AC) 110 V AC -265 V AC	IES LM-79-24
Lighting and Electrical	SSL Lamps & Luminaires	Input Current (AC) 0.05 A-5 A	IES LM-79-24
Lighting and Electrical	SSL Lamps & Luminaires	Input Power 500 W	IES LM-79-24
Lighting and Electrical	SSL Lamps & Luminaires	Power Factor 0.2-1.0	IES LM-79-24
Lighting and Electrical	SSL Lamps & Luminaires	Luminous Flux Up to 22 000 lm	IES LM-79-24
Lighting and Electrical	SSL Lamps & Luminaires	Luminous Efficacy Up to 170 lm/W	IES LM-79-24
Lighting and Electrical	SSL Lamps & Luminaires	Luminous Intensity Distribution Up to 13 000 cd	IES LM-79-24
Lighting and Electrical	SSL Lamps & Luminaires	Chromaticity Co-ordinates Up to 0.9999	IES LM-79-24


Accreditation Scope

Electrical characteristic for Photometric Devices Testing

LB-TEST-148

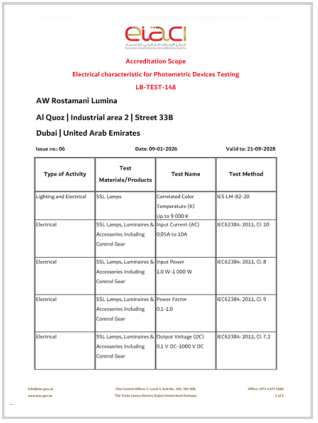
AW Rostamani Lumina

Al Quoz | Industrial area 2 | Street 33B

Dubai | United Arab Emirates

Issue no.: 06 Date: 09-01-2026 Valid to: 21-09-2028

Type of Activity	Test Materials/Products	Test Name	Test Method
Lighting and Electrical	SSL Lamps	Color Temperature Up to 9 000 k	IES LM-79-24
Lighting and Electrical	SSL Lamps & Luminaires	Color Rendering Index (CRI) Up to 100 Ra	IES LM-79-24
Lighting and Electrical	SSL Lamps	Measured Temperature of Tb (or Ts) 25 °C-75 °C	IES LM-82-20
Lighting and Electrical	SSL Lamps	Input power (W) 500 W	IES LM-82-20
Lighting and Electrical	SSL Lamps	Input Voltage (AC) 110 V AC-265 V AC	IES LM-82-20
Lighting and Electrical	SSL Lamps	Input Current (AC) 0.05 A-5 A	IES LM-82-20
Lighting and Electrical	SSL Lamps	Luminous flux (lm) Up to 22 000 lm	IES LM-82-20
Lighting and Electrical	SSL Lamps	CIE Chromaticity (x,y) Up to 0.9999	IES LM-82-20


Accreditation Scope

Electrical characteristic for Photometric Devices Testing

LB-TEST-148

AW Rostamani Lumina

Al Quoz | Industrial area 2 | Street 33B

Dubai | United Arab Emirates

Issue no.: 06 Date: 09-01-2026 Valid to: 21-09-2028

Type of Activity	Test Materials/Products	Test Name	Test Method
Lighting and Electrical	SSL Lamps	Correlated Color Temperature (K) Up to 9 000 K	IES LM-82-20
Electrical	SSL Lamps, Luminaires & Accessories including Control Gear	Input Current (AC) 0.05A to 10A	IEC62384: 2011, Cl. 10
Electrical	SSL Lamps, Luminaires & Accessories including Control Gear	Input Power 1.0 W-1 000 W	IEC62384: 2011, Cl. 8
Electrical	SSL Lamps, Luminaires & Accessories including Control Gear	Power Factor 0.1-1.0	IEC62384: 2011, Cl. 9
Electrical	SSL Lamps, Luminaires & Accessories including Control Gear	Output Voltage (DC) 0.1 V DC-1000 V DC	IEC62384: 2011, Cl. 7.2

UNITED ARAB EMIRATES
MINISTRY OF INDUSTRY & ADVANCED TECHNOLOGY

شهـــــادة مطابقة
CERTIFICATE OF CONFORMITY

Certificate Number: 25-10-167021/E25-10-173761/NB0009
Registration Date: 07/10/2025
Valid Until: 06/10/2026
Issued To: A.W.ROSTAMANI LUMINA (L.L.C) P.O. Box 282153. Al Quoz Industrial area 2. Dubai. UAE 33B Street Dubai. United Arab Emirates
Sector: Electrical
Product Category: Lighting products
Product Sub-Category: Luminaires for general lighting purposes

Please check Schedule of certification for all product details

هيئة معينة من قبل وزارة الصناعة والتكنولوجيا المتقدمة
Notified body by Ministry of Industry and Advanced Technology

Products are registered under the Emirates Conformity Assessment Scheme (ECAS) based on compliance to the Approved Standards

This document has been issued electronically and doesn't require a stamp and signature.
The document can be digitally verified via UAE Pass SelfCare portal by uploading the document to selfcare.uaepass.ae

UNITED ARAB EMIRATES
MINISTRY OF INDUSTRY & ADVANCED TECHNOLOGY

بيـــان التسجيل
SCHEDULE OF CERTIFICATION
Ministry of Industry and Advanced Technology

Company Name: A.W.ROSTAMANI LUMINA (L.L.C)
Product Category: Lighting products
Certificate No.: 25-10-167021/E25-10-173761/NB0009
Registration Date: 07/10/2025
Valid Until: 06/10/2026

Sr.No.	Brand Name	Model Number	Product Details	Star Rating	Dimension/ Size	Reports	Applicable Standards	Country Of Origin
1	FRATER	WPCA-030	LED Weatherproof Luminaire, Caliber AC220-240V 50/60Hz, IP66, IK10, 16/20/25/30W,	N/A	600x85x75 mm	DE_2-324603-CN2E1EV8-001	UAE.S IEC 60598-1: UAE.S IEC 60598-2-1	United Arab Emirates
2	FRATER	WPCA-040	LED Weatherproof Luminaire, Caliber AC220-240V 50/60Hz,	N/A	1200x85x75 mm	DE_2-324603-CN2E1EV8-001	UAE.S IEC 60598-1: UAE.S IEC 60598-2-1	United Arab Emirates

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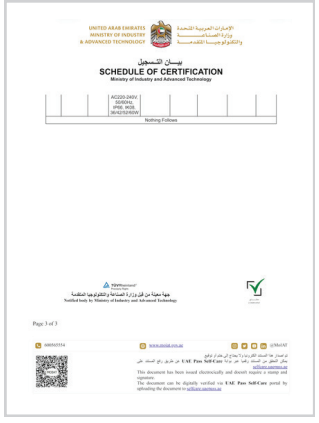
UNITED ARAB EMIRATES
MINISTRY OF INDUSTRY & ADVANCED TECHNOLOGY

بيـــان التسجيل
SCHEDULE OF CERTIFICATION
Ministry of Industry and Advanced Technology

		AC220-240V, 50/60Hz, IP66, IK10, 16/20/25/30W						

Nothing Follows

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UNITED ARAB EMIRATES
MINISTRY OF INDUSTRY & ADVANCED TECHNOLOGY

شهـــــادة مطابقة
CERTIFICATE OF CONFORMITY

Certificate Number: 25-10-167022/E25-10-173762/NB0009
Registration Date: 07/10/2025
Valid Until: 06/10/2026
Issued To: A.W.ROSTAMANI LUMINA (L.L.C) P.O. Box 282153. Al Quoz Industrial area 2. Dubai. UAE 33B Street Dubai. United Arab Emirates
Sector: Electrical
Product Category: ROHS
Product Sub-Category: Other EEE

Please check Schedule of certification for all product details

هيئة معينة من قبل وزارة الصناعة والتكنولوجيا المتقدمة
Notified body by Ministry of Industry and Advanced Technology

Products are registered under the Emirates Conformity Assessment Scheme (ECAS) based on compliance to the Approved Standards

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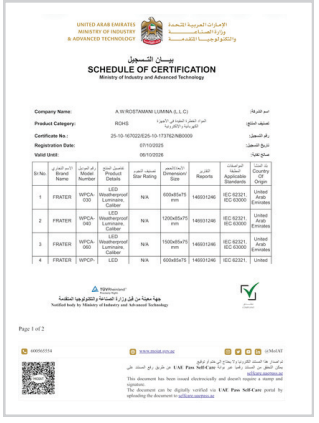
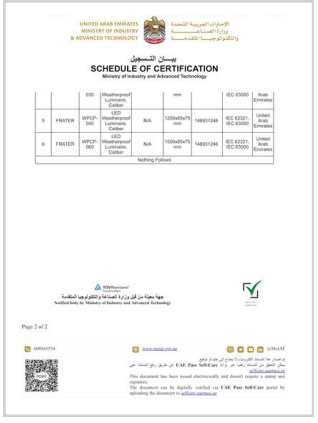

UNITED ARAB EMIRATES
MINISTRY OF INDUSTRY & ADVANCED TECHNOLOGY

بيـــان التسجيل
SCHEDULE OF CERTIFICATION
Ministry of Industry and Advanced Technology

Company Name: A.W.ROSTAMANI LUMINA (L.L.C)
Product Category: ROHS
Certificate No.: 25-10-167022/E25-10-173762/NB0009
Registration Date: 07/10/2025
Valid Until: 06/10/2026

Sr.No.	Brand Name	Model Number	Product Details	Star Rating	Dimension/ Size	Reports	Applicable Standards	Country Of Origin
1	FRATER	WPCA-030	LED Weatherproof Luminaire, Caliber	N/A	600x85x75 mm	1480312246	IEC 62321, IEC 63000	United Arab Emirates
2	FRATER	WPCA-040	LED Weatherproof Luminaire, Caliber	N/A	1200x85x75 mm	1480312246	IEC 62321, IEC 63000	United Arab Emirates
3	FRATER	WPCA-060	LED Weatherproof Luminaire, Caliber	N/A	1500x85x75 mm	1480312246	IEC 62321, IEC 63000	United Arab Emirates
4	FRATER	WPCP-	LED	N/A	600x85x75	1480312246	IEC 62321,	United

Page 1 of 2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MINISTRY OF INDUSTRY & ADVANCED TECHNOLOGY

بيـــان التسجيل
SCHEDULE OF CERTIFICATION
Ministry of Industry and Advanced Technology

		030	Weatherproof Luminaire, Caliber		mm		IEC 63000	Arab Emirates
5	FRATER	WPCP-040	LED Weatherproof Luminaire, Caliber	N/A	1200x85x75 mm	1480312246	IEC 62321, IEC 63000	United Arab Emirates
6	FRATER	WPCP-060	LED Weatherproof Luminaire, Caliber	N/A	1500x85x75 mm	1480312246	IEC 62321, IEC 63000	United Arab Emirates

Nothing Follows

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UNITED ARAB EMIRATES
MINISTRY OF INDUSTRY & ADVANCED TECHNOLOGY

بيـــان التسجيل
SCHEDULE OF CERTIFICATION
Ministry of Industry and Advanced Technology

		AC220-240V, 50/60Hz, IP66, IK10, 16/20/25/30W						

Nothing Follows

Page 3 of 3

UNITED ARAB EMIRATES
MINISTRY OF INDUSTRY & ADVANCED TECHNOLOGY

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Please check Schedule of certification for all product details

هيئة معينة من قبل وزارة الصناعة والتكنولوجيا المتقدمة
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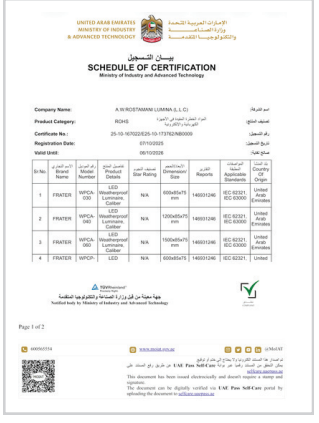
UNITED ARAB EMIRATES
MINISTRY OF INDUSTRY & ADVANCED TECHNOLOGY

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Sr.No.	Brand Name	Model Number	Product Details	Star Rating	Dimension/ Size	Reports	Applicable Standards	Country Of Origin
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2	FRATER	WPCA-040	LED Weatherproof Luminaire, Caliber	N/A	1200x85x75 mm	1480312246	IEC 62321, IEC 63000	United Arab Emirates
3	FRATER	WPCA-060	LED Weatherproof Luminaire, Caliber	N/A	1500x85x75 mm	1480312246	IEC 62321, IEC 63000	United Arab Emirates
4	FRATER	WPCP-	LED	N/A	600x85x75	1480312246	IEC 62321,	United

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Certificato di esame UE del tipo
EU-type examination certificate
n. ECM 23 ATEX-B DQ56

Rilasciato ai sensi della direttiva 2014/34/UE – Allegato III - Modulo B
Issued according to 2014/34/EU Directive – Annex III - Module B

Abbreviazioni
Applicant
Richiedente / Società
Company Name
Indirizzo
Address
Apparecchiatura
Equipment
Marchio Commerciale
Brand name
Modelli
Models

AW Rostamani Lumina LLC
PO Box 282153, Street 33B, Al Quoz Industrial Area 2, Dubai, United Arab Emirates
LED Explosion Proof Light
FRATER®
(IP67)
LED Lamp: 32lm, 65lm, 40W, 50W, 60W, 70W

Questa apparecchiatura o sistema di protezione è stato esaminato. This equipment or protective system and any acceptable variation thereto' ecettate sono descritte nel presente Certificato e ilsegni are described in the Certificate and its Annex.

ECM, Organismo Notificato n° 1232 in conformità all'art. 17 della ECM, Notified Body No. 1232 in accordance with Article 17 of Direttiva 2014/34/UE del Parlamento Europeo e del Consiglio del 26 febbraio 2014 (GU L 96 del 29.3.2014), Directive 2014/34/EU of the European Parliament and of the Council of 26 February 2014 (OJ L 96 of 29.3.2014), certifies that this equipment or protective protective certificate valutato la procedura di cui all'allegato III, ha esaminato questo prodotto e ha verificato che soddisfa i requisiti essenziali di sicurezza e salute per la progettazione e costruzione di apparecchiature e sistemi di protezione destinati ad essere utilizzati in atmosfere potenzialmente esplosive, previsti dalla direttiva stessa. Le verifiche ed i risultati di prova sono registrati nel rapporto / The examination and test results are recorded in confidential report n° PRO-2023-01256.

I requisiti essenziali di sicurezza e salute sono soddisfatti mediante conformità a / The essential health and safety requirements are assured by compliance with: EN IEC 60079-0:2018, EN 60079-1:2014, EN 60079-7:2015, EN 60079-11:2012, EN 60079-31:2014, EN 60079-1:2014, EN 60079-7:2015, EN 60079-11:2012.

Questo **Certificato di esame UE del tipo** si riferisce soltanto al tipo **EU-type examination certificate** relates only to the design, progettazione, alla costruzione e alla prova dell'apparecchiatura o sistema di protezione secondo le prescrizioni specificate in accordo alla Direttiva 2014/34/UE. Ulteriori requisiti della Direttiva shall be met. Ulteriori requisiti di questa Direttiva si applicano al processo di fabbricazione e alla fornitura dell'apparecchiatura o sistema di protezione. Requirements are not covered by this certificate.

L'apparecchiatura o il sistema di protezione deve riportare i seguenti contrassegni:
Equipment shall be marked with the following symbols:

II 2 G Ex db IIC T6 Gb IP66
II 2 D Ex tb IIIC T110 Db

Volumagna (BZ)
Data - Date 12/05/2023
Firma autorizzata
Authorized signature
Amando Rigon
(Service Manager)

Scadenza - Expiry date 11/05/2028

Questo certificato, incluso l'allegato, può essere riprodotto solo integralmente e senza alcuna variazione.
This certificate, annex included, can only be reproduced in its entirety and without any change.

Page 1 di 2

Ente Certificazione Macchine srl
Via Cal Bella 210 – Loc. Cavallo di Vertoiba – 38050 Volmontagno (BZ)
☎ +39 0471 970 510 - 🖷 +39 0471 970 540 - ✉ ecm@certecma.it (I) www.certecma.it

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FRATER®
SPAIN SINCE 1999

Certifications & Registration

Allegato I / *Annex I*
al Certificato di esame UE del tipo
to EU-type examination certificate
n. ECM 23 ATEX-B DQ56

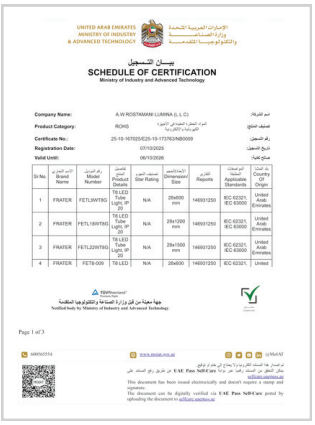
Certificato di esame UE del tipo
EU-type examination certificate
n. ECM 23 ATEX-B SU87

Allegato I / *Annex I*
al Certificato di esame UE del tipo
to EU-type examination certificate
n. ECM 23 ATEX-B SU87

Certificato di esame UE del tipo
EU-type examination certificate
n. ECM 23 ATEX-B SU88

Allegato I / *Annex I*
al Certificato di esame UE del tipo
to EU-type examination certificate
n. ECM 23 ATEX-B SU88

CERTIFICATE OF CONFORMITY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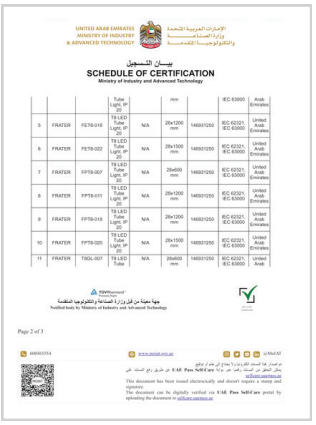
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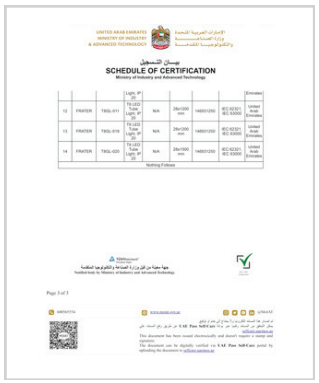
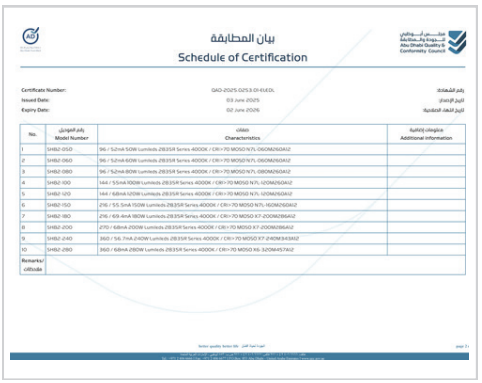
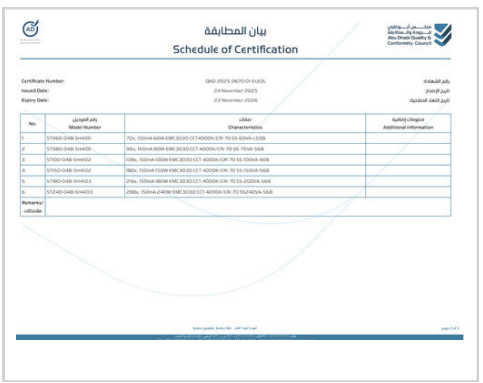

SCHEDULE OF CERTIFICATION

شهادة مطابقة
CERTIFICATE OF CONFORMITY


بيان المطابقة
Schedule of Certification

شهادة مطابقة
CERTIFICATE OF CONFORMITY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FRATER®

For further **inquiries**, ***Contact us:***

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AWR Group