FRATER®

SPAIN SINCE 1999

ECO



FRATER®
SPAIN SINCE 1999
ECO

LIGHT UP THE CITY


GPX-C
FUJI





220~240VAC
CCT: 3000K/4000K/6500K
IP40, CRI 80Ra, Ambient
Temperature: -10 to +45 °C

Backlit Panel Eco

- Extruded aluminum frame, Soft and uniform light distribution
- High Luminous Efficacy
- Rated lifetime: 30,000 hours

PRODUCT VARIANTS

Model#	Wattage	Efficacy	Lumen	Dimension
FEBPES-048	36-40-48W	100	Up to 4800	595x595x26

Backlit Panel Matrix IP20

FEBLM48A6060	48W	100	4800	600x600x26



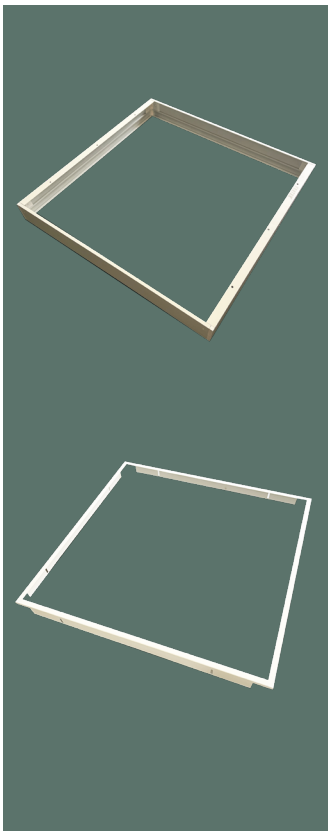
220~240VAC
CCT: 6500K
IP40, CRI 80Ra, Ambient
Temperature: 0 to +45 °C

Grille Light Super

- Steel Housing and PC Diffuser, Soft and uniform light distribution
- High Luminous Efficacy
- Rated lifetime: 30,000 hours

PRODUCT VARIANTS

Model#	Wattage	Efficacy	Lumen	Dimension
FEGLS96A6060	96W	100	9600	595x595x30



Frames for LED Panels

- Innovative design , Clip-in Easy Installation

PRODUCT VARIANTS

A. Recessed Mounted Frames

Model#	Description	Dimension
FETRPF6060	Recessed Frame Push Type	600x600
FETRPF1230	Recessed Frame Push Type	1200x300
FETRPF1260	Recessed Frame Push Type	1200x600
FETRGF6060	Recessed Gypsum Ceiling Frame	600x600
FETRGF1230	Recessed Gypsum Ceiling Frame	1200x300
FETRGF1260	Recessed Gypsum Ceiling Frame	1200x600

B. Surface Mounted Frames

Model#	Description	Dimension
FETSCF6060	Surface Mounted Clip Frame	600x600x65
FETSCF1230	Surface Mounted Clip Frame	1205x300x65
FETSCF1260	Surface Mounted Clip Frame	1200x600x65

The luminaries are designed for continuous operation at 220–240 VAC. Prolonged operation outside the rated voltage range or exposure to abnormal/unstable supply conditions may result in malfunction or damage and may invalidate the warranty.



220~240VAC
CCT: 3000K/4000K/6500K
IP20, CRI 80Ra, Ambient
Temperature: 0 to +45 °C
White/ Black Finish.

COB Downlight, Virgo Series

- PP material qualify in glow wire test @650 °C
- High Luminous Efficacy, Rated lifetime: 20,000 hours

PRODUCT VARIANTS

Model#	Wattage	Efficacy	Lumen	Dimension	Cutout
FEDL5WVIR	5W	70	350	70x28	55
FEDL10WVIR	10W	80	800	96x34	85
FEDL20WVIR	20W	90	1800	170x38	145
FEDL30WVIR	30W	100	3000	225x38	190



220~240VAC
CCT: 4000K/6500K
IP40, CRI 80Ra, Ambient
Temperature: -10 to +45 °C

COB Downlight, Libra Series

- Die-Cast Aluminum + Glass Diffuser
- High Luminous Efficacy, Rated lifetime: 30,000 hours

PRODUCT VARIANTS

Model#	Wattage	Efficacy	Lumen	Dimension	Cutout
FEDL20WLIB	20W	95	1900	195x60	175
FEDL30WLIB	30W	95	2850	223x63	198
FEDL40WLIB	40W	95	3800	223x63	200



220~240VAC
CCT: 4000K/6500K
IP44, CRI 80Ra, Ambient
Temperature: 20 to +45 °C

Downlight, Infinity Series

- High Light Transmittance and Even Light Distribution
- Built-in Drvier, PA6/PC Base + PC Cover, Rated lifetime: 30,000 hours

PRODUCT VARIANTS

Model#	Wattage	Efficacy	Lumen	Dimension	Cutout
FEDL20WINF	20W	100	2000	174x69	144
FEDL26WINF	26W	100	3000	244x85	200

The luminaries are designed for continuous operation at 220–240 VAC. Prolonged operation outside the rated voltage range or exposure to abnormal/unstable supply conditions may result in malfunction or damage and may invalidate the warranty.

DOB Downlight Eternal Series II

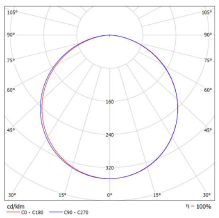
FRATER® SPAIN SINCE 1999 ECO

Classification
Class II
220 to 240VAC
50/60Hz

CCT
3CCT adjustable 3000/4000/6500K
CRI: 80 Ra

Features:
- Smooth and even light distribution
- Adjustable 3 CCT in one Fitting 3000K/4000K/6500K
- High energy efficient
- Compliance to Photobiological safety requirements
- Eco-friendly, without mercury and any other hazardous substances
- PP material qualify in glow wire test at 650˚C
- Rated lifetime: 20,000 hours

Applications
General Lighting
Office
Healthcare
Retail
Education

Light Distribution


Beam Angle: 110˚

Construction:
Body: PP Material
Diffuser: Opal PC
Amb. Temp. 0˚C to +45˚C
IP40



Recess Round

Product Code	Wattage	lumens (lm)	lm/W	Dimension: mm (DxH)	Cutout: mm
FEDLERRP03B	3W	255	85	Ø105x31	Ø71±3
FEDLERRP06B	6W	510	85	Ø138x27	Ø98±4
FEDLERRP09B	9W	765	85	Ø160x27	Ø122±5
FEDLERRP15B	15W	1275	85	Ø190x27	Ø150±5
FEDLERRP20B	20W	1700	85	Ø235x27	Ø195±5
FEDLERRP26B	26W	2210	85	Ø315x30	Ø270±5



Recess Square

Product Code	Wattage	lumens (lm)	lm/W	Dimension: mm (WxWxH)	Cutout: mm
FEDLERSP06B	6W	510	85	138x119x29	100x100±5
FEDLERSP09B	9W	765	85	159x141x27	120x120±5
FEDLERSP15B	15W	1275	85	194x173x29	145x145±5
FEDLERSP20B	20W	1700	85	236x220x27	193x193±5
FEDLERSP26B	26W	2210	85	311x295x29	265x265±5



Surface Round

Product Code	Wattage	lumens (lm)	lm/W	Dimension: mm (DxH)
FEDLESRP06B	6W	510	85	Ø148x34
FEDLESRP15B	15W	1275	85	Ø175x34
FEDLESRP20B	20W	1700	85	Ø224x34
FEDLESRP26B	26W	2210	85	Ø299x34



Surface Square

Product Code	Wattage	lumens (lm)	lm/W	Dimension: mm (LxWxH)
FEDLESSP06B	6W	510	85	146x146x34
FEDLESSP15B	15W	1275	85	173x173x34
FEDLESSP20B	20W	1700	85	226x226x35
FEDLESSP26B	26W	2210	85	298x298x35

The luminaries are designed for continuous operation at 220–240 VAC. Prolonged operation outside the rated voltage range or exposure to abnormal/unstable supply conditions may result in malfunction or damage and may invalidate the warranty.



220~240VAC
CCT: 3000K/4000K/6500K
IP40, CRI 80Ra, Ambient
Temperature: -10 to +45 °C

Slim Panel Downlight: Eternal Series, Recess Round

- PP material qualify in glow wire test @650 °C
- High Luminous Efficacy, Rated lifetime: 20,000 hours

PRODUCT VARIANTS

Model#	Wattage	Efficacy	Lumen	Dimension	Cutout
FEDLERRP04A	4W	85	340	98x25.5	75-80
FEDLERRP06A	6W	85	510	118x25.5	95-100
FEDLERRP09A	9W	85	765	143.5x24.5	118
FEDLERRP15A	15W	85	1275	173.5x26.5	145
FEDLERRP20A	20W	85	1700	220x26.5	190
FEDLERRP26A	26W	85	2210	295x26.5	265



220~240VAC
CCT: 3000K/4000K/6500K
IP40, CRI 80Ra, Ambient
Temperature: -10 to +45 °C

Slim Panel Downlight: Eternal Series, Recess Square

- PP material qualify in glow wire test @650 °C
- High Luminous Efficacy, Rated lifetime: 20,000 hours

PRODUCT VARIANTS

Model#	Wattage	Efficacy	Lumen	Dimension	Cutout
FEDLERSP06A	6W	85	510	119x119x25.5	95
FEDLERSP10A	10W	85	850	143x143x26	115
FEDLERSP16A	16W	85	1360	173x173x26	140
FEDLERSP20A	20W	85	1700	219x219x27	190
FEDLERSP26A	26W	85	2210	295x295x28	260



220~240VAC
CCT: 3000K/4000K/6500K
IP40, CRI 80Ra, Ambient
Temperature: -10 to +45 °C

Slim Panel Downlight: Eternal Series, Surface Round

- PP material qualify in glow wire test @650 °C
- High Luminous Efficacy, Rated lifetime: 20,000 hours

PRODUCT VARIANTS

Model#	Wattage	Efficacy	Lumen	Dimension
FEDLESRP06A	6W	85	510	123x35
FEDLESRP12A	12W	85	1020	175x35
FEDLESRP18A	18W	85	1530	225x35
FEDLESRP26A	26W	85	2210	295x35

The luminaries are designed for continuous operation at 220–240 VAC. Prolonged operation outside the rated voltage range or exposure to abnormal/unstable supply conditions may result in malfunction or damage and may invalidate the warranty.



Slim Panel Downlight: Eternal Series, Surface Square

- PP material qualify in glow wire test @650 °C
- High Luminous Efficacy, Rated lifetime: 20,000 hours

PRODUCT VARIANTS

Model#	Wattage	Efficacy	Lumen	Dimension
FEDLESSP06A	6W	85	510	169x169x35
FEDLESSP12A	12W	85	1020	169x169x35
FEDLESSP18A	18W	85	1530	223x223x35
FEDLESSP24A	24W	85	2040	294x294x35

220~240VAC
CCT: 3000K/4000K/6500K
IP40, CRI 80Ra, Ambient
Temperature: -10 to +45 °C



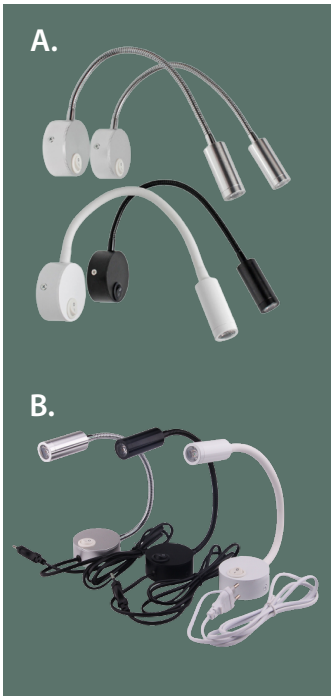
Mirror Light, Argo Series

- PC Opal Diffuser, PC Body, Soft and uniform light distribution
- High Luminous Efficacy, Rated lifetime: 30,000 hours

PRODUCT VARIANTS

Model#	Wattage	Efficacy	Lumen	Dimension
FEMR15WARGO	15W	90	1350	600x22x38

220~240VAC
CCT: 4000K/6500K IP20,
CRI 80Ra, Ambient
Temperature: 0 to +45 °C



Wall Light - DreamBeam Series

- Easy to Install and Maintain
- On / Off Switch
- Narrow Beam Angle 30°
- Modern Design
- Rated lifetime: 20,000 hours
- Color: Black / White / Silver

PRODUCT VARIANTS

Model#	Wattage	Lumen	Dimension
FEWLDB-03A	3W	80	Head: ∅57x60mm Base: ∅ 64x28mm Hose: ∅8x300mm
FEWLDB-03B	3W	80	

B.Connected to 1.8m wire

220~240VAC
CCT: 3000K/4000K/6000K
IP20, CRI 80Ra, Ambient
Temperature: 0 to +45°C

The luminaries are designed for continuous operation at 220–240 VAC. Prolonged operation outside the rated voltage range or exposure to abnormal/unstable supply conditions may result in malfunction or damage and may invalidate the warranty.



220~240VAC
CCT: 3000K/4000K/6500K
IP20, CRI 80Ra, Ambient
Temperature: 0 to +45 °C

Weatherproof Luminaire, WP T8 Series

• Transparent PC Diffuser, PC housing, SS clips, High Luminous Efficacy
• Lamp: Replaceable LED T8 Tubes, Rated lifetime: 20,000 hours

PRODUCT VARIANTS

Model#	Wattage	Efficacy	Lumen	Dimension
FEWPT8XL118A	1x10W	110	1100	671x68x60
FEWPT8XL218A	2x10W	110	2200	655x107x57
FEWPT8XL136A	1x18W	110	1980	1286x68x60
FEWPT8XL236A	2x18W	110	3960	1265x107x55
FEWPT8XL158A	1x24W	110	2640	1580x68x60
FEWPT8XL258A	2x24W	110	5280	1565x108x55



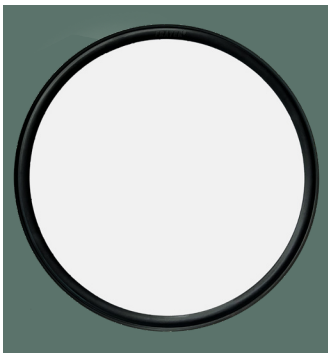
220~240VAC
CCT: 3000K/4000K/6500K
IP40, CRI 80Ra, Ambient
Temperature: 0 to +45 °C

Ceiling Light, Mushroom Eco

• Steel Housing and PC Diffuser, Soft and uniform light distribution
High Luminous Efficacy
• Rated lifetime: 30,000 hours.

PRODUCT VARIANTS

Model#	Wattage	Efficacy	Lumen	Dimension
FECL14WMUS	14W	85	1190	300x78
FECL14WMUS	20W	85	1700	300x78



220~240VAC
CCT: 6500K
IP40, CRI 80Ra, Ambient
Temperature: 0 to +45 °C

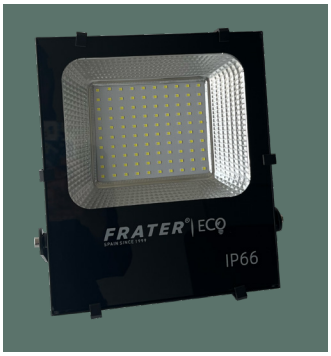
Ceiling Light, Bright Series

• PC frame, Soft and uniform light distribution High Luminous Efficacy
• Rated lifetime: 20,000 hours, Black / White Frame.

PRODUCT VARIANTS

Model#	Wattage	Efficacy	Lumen	Dimension
FECL20WBTS	20W	70	1400	260x53
FECL40WBTS	40W	70	2800	372x53

The luminaries are designed for continuous operation at 220–240 VAC. Prolonged operation outside the rated voltage range or exposure to abnormal/unstable supply conditions may result in malfunction or damage and may invalidate the warranty.



220~240VAC
CCT: 3000K/4000K/6500K
IP66, CRI 80Ra, Ambient
Temperature: -20 to +50 °C

Flood Light, Eco Series

- High Performance Thermal Management Design to Ensure Low LED Junction Temperature
- Die-cast Aluminum Body, Toughened Glass, Surface Installation
- Luminous Efficacy, Rated lifetime: 30,000 hours

PRODUCT VARIANTS

Model#	Wattage	Efficacy	Lumen	Dimension
FEFL05066A	50W	100	5000	240x210x51
FEFL10066A	100W	100	10000	284x253x57
FEFL15066A	150W	100	15000	343x310x68
FEFL20066A	200W	100	20000	380x350x82
FEFL30066A	300W	100	30000	422x380x85
FEFL40066A	400W	100	40000	482x430x106



220~240VAC
CCT: 3000K/4000K/6500K
IP65, CRI 80Ra, Ambient
Temperature: -20 to +50 °C

Diamond Highbay, Eco Series

- High Performance Thermal Management Design to Ensure Low LED Junction Temperature
- Die-cast Aluminum Body, PC Lens, Surface / Suspended Installation
- High Luminous Efficacy, Rated lifetime: 30,000 hours

PRODUCT VARIANTS

Model#	Wattage	Efficacy	Lumen	Dimension
FEHB50CH16BA	50W	140	7000	234x124x182
FEHB100CH16BA	100W	140	14000	256x178x182
FEHB150CH16BA	150W	140	21000	295x178x182
FEHB200CH16BA	200W	140	28000	343x178x185



220~240VAC
CCT: 3000K/4000K/6500K
IP20, CRI 80Ra, Ambient
Temperature: -10 to +45 °C

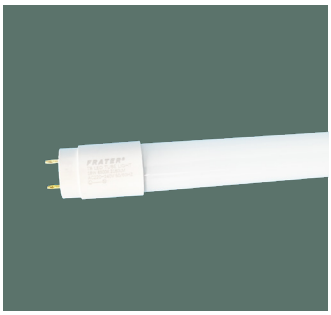
High Bay Circular, Transformer

- High Performance Thermal Management Design to Ensure Low LED Junction Temperature
- Die-cast Aluminum Body, PC Lens, Surface / Suspended Installation
- High Luminous Efficacy, Rated lifetime: 30,000 hours

PRODUCT VARIANTS

Model#	Wattage	Efficacy	Lumen	Dimension
FEHBUFO75WA	75W	100	7500	245x108

The luminaries are designed for continuous operation at 220–240 VAC. Prolonged operation outside the rated voltage range or exposure to abnormal/unstable supply conditions may result in malfunction or damage and may invalidate the warranty.



220~240VAC
CCT: 4000K/6500K
IP20, CRI 80Ra, Ambient
Temperature: -10 to +45 °C

T8 LED Tube, T8 Glass

- Glass Diffuser, Double End Input Design, High Luminous Efficacy.
- Rated lifetime: 20,000 hours.

PRODUCT VARIANTS

Model#	Wattage	Efficacy	Lumen	Dimension
FETL9WT8G	9W	120	1080	28x590
FETL18WT8G	18W	120	2160	28x1200
FETL22WT8G	22W	120	2640	28x1500



220~240VAC
CCT: 3000K/4000K/6500K
IP20, CRI 80Ra, Ambient
Temperature: -10 to +45 °C

LED Bulb E27

- Aluminum Body, Opal PC Diffuser, E27 Base
- High Luminous Efficacy, Rated lifetime: 20,000 hours

PRODUCT VARIANTS

Model#	Wattage	Efficacy	Lumen	Dimension
BL9WA60E27A	9W	90	810	60x108
BL12WA60E27A	12W	90	1080	60x112
BL15WA70E27A	15W	90	1350	70x138



220~240VAC
CCT: 2700K/6500K
IP20, CRI 80Ra, Ambient
Temperature: -10 to +45 °C

LED Bulb T120 & T140

- Aluminum Heatsink, PC Opal Cover, E27 Base
- High Luminous Efficacy, Rated lifetime: 20,000 hours

PRODUCT VARIANTS

Model#	Wattage	Efficacy	Lumen	Dimension
FEBL40WT120E27A	40W	90	3600	118x195
FEBL50WT140E27A	50W	90	4500	140x221



220~240VAC
CCT: 3000K/4000K/6500K
IP20, CRI 80Ra, Ambient
Temperature: -10 to +45 °C

LED Bulb T37

- Polybutylene Body, Opal PC Diffuser, E27 Base
- High Luminous Efficacy, Rated lifetime: 20,000 hours

PRODUCT VARIANTS

Model#	Wattage	Efficacy	Lumen	Dimension
FEBL10WT37A	10W	90	900	37x115

The luminaries are designed for continuous operation at 220–240 VAC. Prolonged operation outside the rated voltage range or exposure to abnormal/unstable supply conditions may result in malfunction or damage and may invalidate the warranty.



220~240VAC
CCT: 2700K/6500K IP20,
CRI 80Ra, Ambient
Temperature: 0 to +45 °C

LED Bulb MR16GU5

- Aluminum Heatsink, Glass Cover, GU5 Base
- High Luminous Efficacy, Rated lifetime: 20,000 hours

PRODUCT VARIANTS

Model#	Wattage	Efficacy	Lumen	Dimension
FEMR16BL5WGU5A	5W	90	450	50x50
FEMR16BL7WGU5A	7W	90	630	50x50



220~240VAC
CCT: 2700K/4000K/6500K
IP20, CRI 80Ra, Ambient
Temperature: 0 to +45 °C

LED Bulb MR16GU10

- Aluminum Heatsink, Glass Cover, GU10 Base
- High Luminous Efficacy, Rated lifetime: 20,000 hours

PRODUCT VARIANTS

Model#	Wattage	Efficacy	Lumen	Dimension
FEMR16BL5WGU10A	5W	90	450	50x54
FEMR16BL7WGU10A	7W	90	630	50x54



220~240VAC
CCT: 2700K/6500K IP20,
CRI 80Ra, Ambient
Temperature: 0 to +45 °C

LED Bulb C37 Tail

- Aluminum Heatsink, PC Cover, E14 Base
- High Luminous Efficacy, Rated lifetime: 20,000 hours

PRODUCT VARIANTS

Model#	Wattage	Efficacy	Lumen	Dimension
FEBL5WC37TLA	5W	90	450	36.50x133
FEBL7WC37TLA	7W	90	630	36.50x135



220~240VAC
CCT: 2700K/6500K IP20,
CRI 80Ra, Ambient
Temperature: 0 to +45 °C

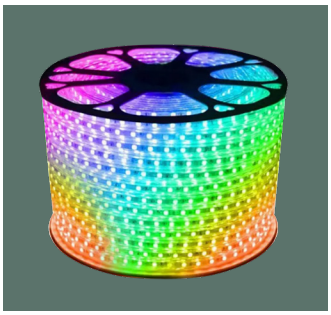
LED Bulb C37 Tip

- Aluminum Heatsink, PC Cover, E14 Base
- High Luminous Efficacy, Rated lifetime: 20,000 hours

PRODUCT VARIANTS

Model#	Wattage	Efficacy	Lumen	Dimension
FEBL5WC37TLA	5W	90	450	36x101
FEBL7WC37TLA	7W	90	630	36x110

The luminaries are designed for continuous operation at 220–240 VAC. Prolonged operation outside the rated voltage range or exposure to abnormal/unstable supply conditions may result in malfunction or damage and may invalidate the warranty.



220~240VAC
CCT: RGB
IP65, CRI 80Ra, Ambient
Temperature: 0 to +45 °C

LED Strip Light STRIP 101

- 8W/M, 50M Per Roll, RGB, 240V AC
- High Luminous Efficacy, Rated lifetime: 20,000 hours

PRODUCT VARIANTS

Model#	Wattage	Cutting Length	Dimension
FESTR8WM101A	8W/M	1000mm	50 Meter / Roll



220~240VAC
CCT: 3000K
IP65, CRI 80Ra, Ambient
Temperature: 0 to +45 °C

LED Strip Light STRIP 102

- 6W/M, 50M Per Roll, 240V AC
- High Luminous Efficacy, Rated lifetime: 20,000 hours

PRODUCT VARIANTS

Model#	Wattage	Cutting Length	Dimension
FESTR6WM102A	6W/M	1000mm	50 Meter / Roll



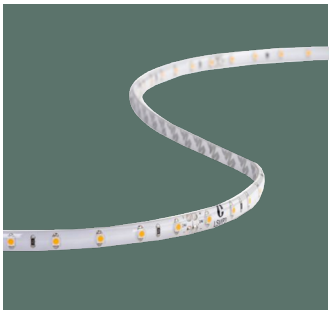
24VDC
CCT: 3000K/6500K IP20,
CRI 80Ra, Ambient
Temperature: 0 to +45 °C

LED Strip Light STRIP 103

- 5W/M, 5M Per Roll, 24V DC
- High Luminous Efficacy, Rated lifetime: 20,000 hours

PRODUCT VARIANTS

Model#	Wattage	Cutting Length	Dimension
FESTR5WM103A	5W/M	50mm	5 Meter / Roll



24VDC
CCT: 3000K/6500K IP44,
CRI 80Ra, Ambient
Temperature: 0 to +45 °C

LED Strip Light STRIP 104

- 5W/M, 5M Per Roll, 24V DC
- High Luminous Efficacy, Rated lifetime: 20,000 hours

PRODUCT VARIANTS

Model#	Wattage	Cutting Length	Dimension
FESTR5WM104A	5W/M	50mm	5 Meter / Roll

The luminaries are designed for continuous operation at 220–240 VAC. Prolonged operation outside the rated voltage range or exposure to abnormal/unstable supply conditions may result in malfunction or damage and may invalidate the warranty.



220~240VAC
CCT: 4000K/6500K IP20,
CRI 80Ra, Ambient
Temperature: 0 to +45 °C

ECO Batten Essential T8

- Suitable for T8 Tubes
- Rated lifetime: 20,000 hours

PRODUCT VARIANTS

Model#	Dimension
FEBTT8-01	1x4 ft
FEBTT8-02	2x4 ft



220~240VAC
CCT: 3000K/4000K/6500K
IP20, CRI 80Ra, Ambient
Temperature: 0 to +45 °C

ECO Batten T5

- Aluminum + PC, with Switch, Linkable
- Rated lifetime: 20,000 hours

PRODUCT VARIANTS

Model#	Wattage	Efficacy	Lumen	Dimension
FEBTT5-06	6W	100	600	300x23x33
FEBTT5-09	9W	100	900	565x23x33
FEBTT5-18	18W	100	1800	1180x23x33



220~240VAC
CCT: 6500K
IP20, CRI 80Ra, Ambient
Temperature: 0 to +45°C

Batten Light, ECO T12

- Aluminum Body, Opal PC Diffuser, ABS Endcaps
- High Luminous Efficacy, Rated Lifetime: 20,000 hours

PRODUCT VARIANTS

Model#	Wattage	Efficacy	Lumen	Dimension
FEBT40WT12A	40W	90	3600	1195x60x29



220~240VAC
CCT: 6500K
IP20, CRI 80Ra, Ambient
Temperature: 0 to +45°C

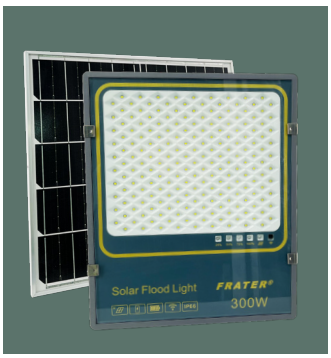
Batten Light, ECO T36

- Aluminum Body, Opal PC Diffuser, PC Endcaps
- High Luminous Efficacy, Rated lifetime: 20,000 hours

PRODUCT VARIANTS

Model#	Wattage	Efficacy	Lumen	Dimension
FEBT40WT36A	40W	90	3600	1185x68x40

The luminaries are designed for continuous operation at 220–240 VAC. Prolonged operation outside the rated voltage range or exposure to abnormal/unstable supply conditions may result in malfunction or damage and may invalidate the warranty.



CCT: 6500K
IP65, CRI 80Ra, Ambient
Temperature: -20 to+50 °C

Solar Flood Light, Star Series

• High Performance Thermal Management Design to Ensure Low LED Junction Temperature
• ABS Body, Toughen Glass, Surface Installation
• High Luminous Efficacy, Rated lifetime: 20,000 hours

PRODUCT VARIANTS

Model#	Wattage	Efficacy	Lumen	Dimension
FEFLSO20WSTAR	300W	100	2000	350x29x43



CCT: 6500K
IP65, CRI 70Ra, Ambient
Temperature: 0 to +50 °C

Solar Street Light, Venus Series

• High performance thermal management design ensuring low LED junction temperature
• High brightness, stable performance and long life span
• Anti rusting sturdy stainless steel screws
• Daylight ON-OFF Sensor
• High Luminous Efficacy, Rated lifetime: 20,000 hours

PRODUCT VARIANTS

Model#	Wattage	Efficacy	Lumen	Dimension
FESTVS-050	50W	100	1500	650x330x140
FESTVS-080	80W	100	3000	850x350x160

The luminaries are designed for continuous operation at 220–240 VAC. Prolonged operation outside the rated voltage range or exposure to abnormal/unstable supply conditions may result in malfunction or damage and may invalidate the warranty.



CCT: 6500K
IP65, CRI 80Ra, Ambient
Temperature: -20 to +50 °C
Charging Hours: 6-8 hours
Working Hours> 10 hours

Solar Outdoor Wall Light, Owl I

- Innovative design with sensor
- Adjustable °130 of the eyeballs
- Multiple working mode
- Rated lifetime: 20,000 hours

PRODUCT VARIANTS

Model#	Wattage	Efficacy	Lumen	Dimension
FEWLSO1WOWLI	1W	40	40	116x58x116



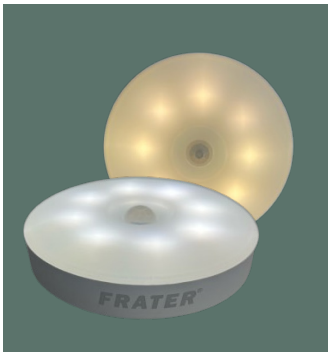
CCT: 6500K
IP65, CRI 80Ra, Ambient
Temperature: -20 to +50 °C
Charging Hours: 6-8 hours
Working Hours> 10 hours

Solar Outdoor Wall Light, Owl II, Owl III

- Innovative design with sensor
- Adjustable °130 of the eyeballs
- Rated lifetime: 20,000 hours

PRODUCT VARIANTS

Model#	Wattage	Efficacy	Lumen	Dimension
FESPSO1WOWLII	1W	90	90	104x61x169
CCT: 6500K				Multiple working mode: High/Low/Breathing/Off
FESPSO1WOWLIII	1W	90	90	104x61x155
CCT: RGB				Multiple working mode:Red/yellow/green/purple/blue/cyan/white/magic color switching mode



CCT: 3000K, 6500K
IP20, CRI 80Ra, Ambient
Charging Hours: 1hour
Working Hours > 5 hours

Motion Sensor Night Light

- Human body Sensing
- IR Sensor
- Automatic sleep Magnetic
- Magnetic adsorption
- Switch two-color model

PRODUCT VARIANTS

Model#	Wattage
FENLQI	1W

The luminaries are designed for continuous operation at 220–240 VAC. Prolonged operation outside the rated voltage range or exposure to abnormal/unstable supply conditions may result in malfunction or damage and may invalidate the warranty.

WHERE
THERE IS
DARKNESS
LET THERE
BE LIGHT

FRATER®

SPAIN SINCE 1999

ECO

AW rostamani Lumina

Fraterbyawr

056 4189 871

fraterlighting.com