



COOLING



HEATING



LIGHTING

WARRANTIES STATEMENT

Our 'Product' warranties ensure you will receive a replacement for any failure within 5 years. If fitted by us our 'On Site' warranty applies meaning we will carry out the replacement plus re-install at our cost providing additional peace of mind to our customers.

CONTACT US NOW!

Unit 7 Forge Business Centre
Palgrave, Diss
Norfolk IP22 1AP



Tel: 01379 658721
Fax: 01379 658720
www.cool-tech.co.uk



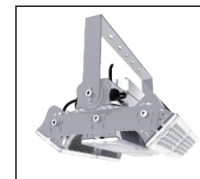
COOL TECHNOLOGY

Technologies for the Environment

T600



T400



Halo



Halo-L



"Eliminate your lighting maintenance costs whilst improving your productivity and visibility."

Mega Flood Light T600

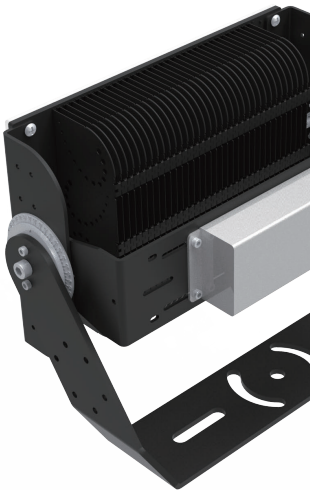


CT-T600-240W

170LM/W±5%
40,800LM±5%
5.5kg±5%

CT-T600-300W

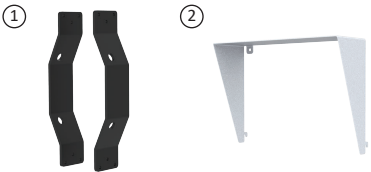
160LM/W±5%
48,000LM±5%
6.0kg±5%



Specifications

WATTAGE	240/300W
CRI	Ra>70/80
CCT	2700-6500K
RATED VOLTAGE	AC 100-240V 277V~, 50/60Hz
POWER FACTOR	>0.95
IP GRADE	IP66
IK GRADE	IK10
BEAM ANGLE	30°/60°/90°, Asymmetric G4
OPERATING TEMP	-40℃~55℃
SIZE	344x184x238mm

Accessories



Laser Pointer

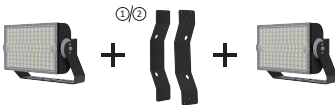


Lightning Arrester
(20KV)

Single Module 240W,300W



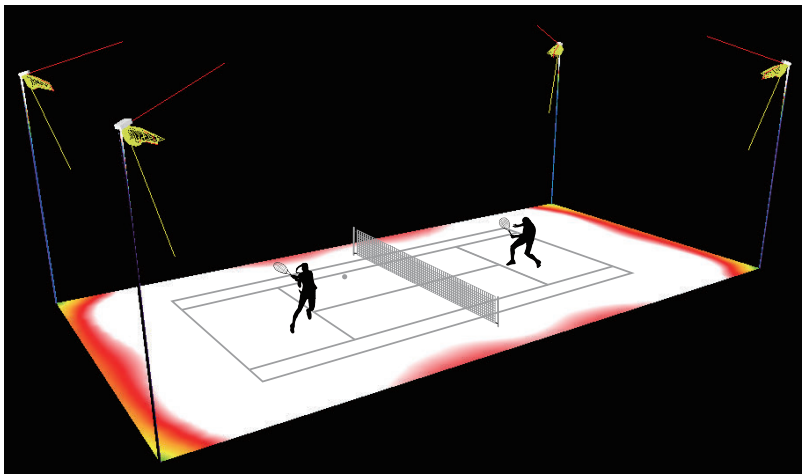
Two Modules 480W,540W,600W



Three Modules 720W,780W,840W,900W



Feature



- Asymmetrical G4 light distribution, especially for tennis court project.



170LM/W

A standard tennis court requires only 4pcs CT-T600 to achieve the uniformity of 0.85 or more.

Ultra Flood Light T500



CT-T500-480W

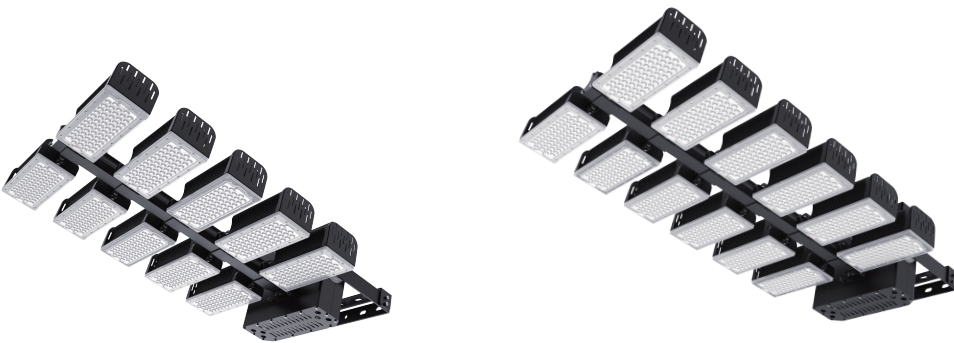
79,200LM±5%
12.0kg±5%
536×165×579mm

CT-T500-720W

118,800LM±5%
16.0kg±5%
691×202×579mm

CT-T500-960W

158,400LM±5%
19.6kg±5%
846×202×579mm



CT-T500-1200W

198,000LM±5%
24.0kg±5%
1001×277×579mm

CT-T500-1440W

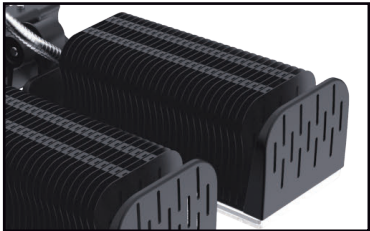
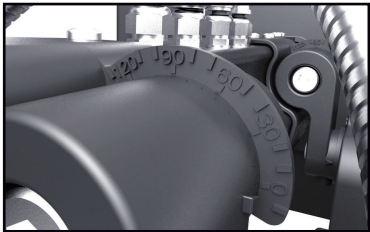
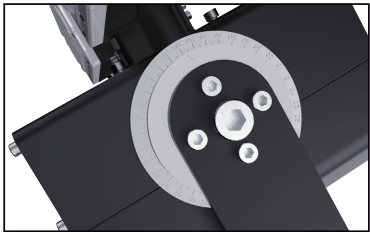
237,600LM±5%
28.0kg±5%
1156×277×579mm

Specifications

WATTAGE	480/720/960/1200/1440W
DRIVER	MEANWELL
CRI	Ra>70/80
CCT	2700-6500K
RATED VOLTAGE	AC 100-240V 277V~, 50/60Hz
POWER FACTOR	>0.95
IP GRADE	IP66
HEAT-SINK	ALUMINIUM COOLING FIN
OPERATING TEMP	-40°C~60°C

LAMP EFFICIENCY	BEAM ANGLE	LED SOURCE	LED QUANTITY
165LM/W±5%	60°/90°/120°	LUMILEDS	62LEDS EACH MODULE
155LM/W±5%	30°	LUMILEDS	62LEDS EACH MODULE
120LM/W±5%	10°	CREE	60LEDS EACH MODULE

Detail Pictures

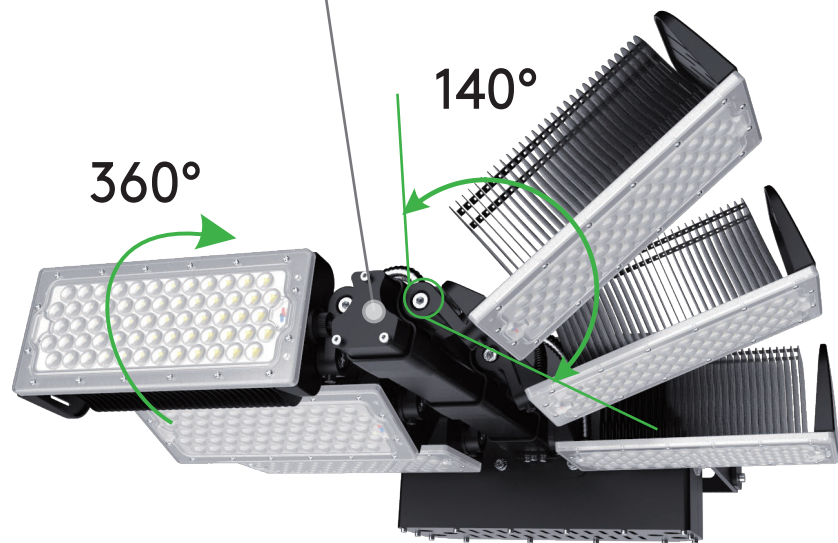




Optional Laser Pointer Device

Double Bracket

Rotatable Module Design



165LM/W

There are more than 50,000 stadiums in the world. Those sports fields not illuminated by COOL technology provide us with our mission incentive.

LED Flood Light T400

CT-T400A-100W

16,000LM±5%
2.9kg±5%
48PCS LED
291×102×266mm



CT-T400B-60W

9,600LM±5%
2.4kg±5%
24PCS LED
291×102×266mm

CT-T400A-200W

32,000LM±5%
4.2kg±5%
96PCS LED
291×219×334mm

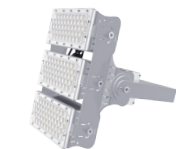


CT-T400B-120W

19,200LM±5%
3.8kg±5%
48PCS LED
291×219×334mm

CT-T400A-300W

48,000LM±5%
5.6kg±5%
144PCS LED
291×340×324mm



CT-T400B-180W

28,800LM±5%
4.7kg±5%
72PCS LED
291×340×324mm

CT-T400A-400W

64,000LM±5%
7.4kg±5%
192PCS LED
485×219×334mm



CT-T400B-240W

38,400LM±5%
5.9kg±5%
96PCS LED
485×219×334mm

CT-T400A-600W

96,000LM±5%
10.3kg±5%
288PCS LED
485×340×324mm



CT-T400B-360W

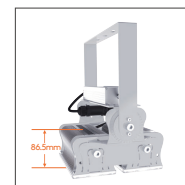
57,600LM±5%
8.6kg±5%
144PCS LED
485×340×324mm

Specifications

WATTAGE	60/120/180/240/360W 100/200/300/400/600W
DRIVER	MEANWELL
CRI	Ra>70/80
CCT	2700-6500K
RATED VOLTAGE	AC 100-240V 277V~, 50/60Hz
POWER FACTOR	>0.95
IP GRADE	IP65
HEAT-SINK	ALUMINIUM COOLING FIN
OPERATING TEMP	-40°C~60°C

	60°/90°/120°	30°	10°
	LUMILEDS	LUMILEDS	CREE
T400A	160LM/W±5%	150LM/W±5%	120LM/W±5%
	48LEDS EACH MODULE		
T400B	160LM/W±5%	150LM/W±5%	120LM/W±5%
	24LEDS EACH MODULE		

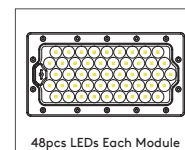
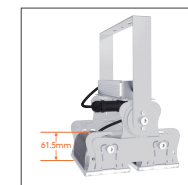
Contrast



T400A

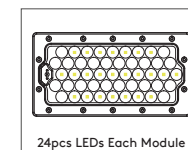
VS

T400B



48pcs LEDs Each Module

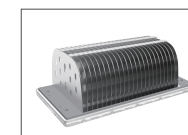
LED Quantity



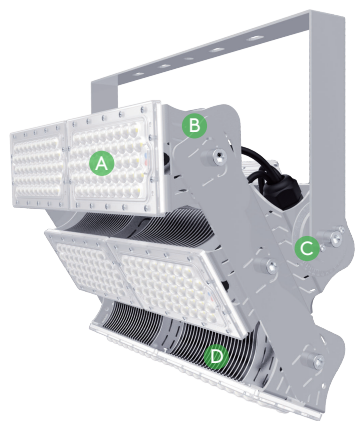
24pcs LEDs Each Module



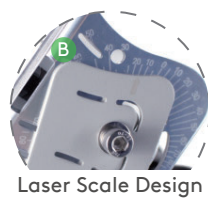
Heat-Sink



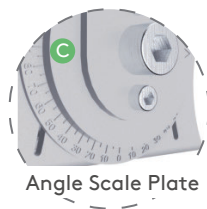
Feature



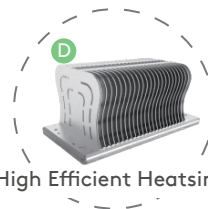
High Transparency Lens



Laser Scale Design

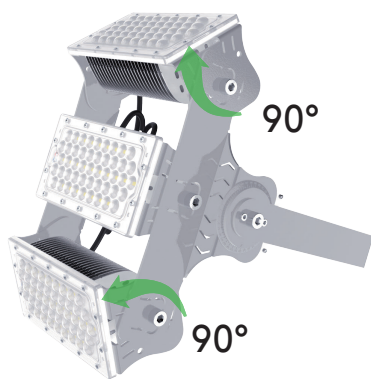


Angle Scale Plate



High Efficient Heatsink

Adjustable Function



Rotatable Module



360° Rotatable Holder



160LM/W

This 97m tower was every inch the pride of its creators and we've made it even more elegant.

LED Flood Light T300A



WATTAGE	75/150/240W
DRIVER	MEANWELL
LAMP EFFICIENCY	140LM/W±5%
LIGHT SOURCE	LUMILEDS
CRI	Ra>70/80
CCT	2700-6500K
RATED VOLTAGE	AC 100-240V 277V~, 50/60Hz
POWER FACTOR	>0.95
BEAM ANGLE	45°/75°/120°
IP GRADE	IP65
HEAT SINK	ALUMINIUM COOLING FIN
OPERATING TEMP	-40°C~60°C



CT-T300A-75W

10,500LM±5%
2.1kg±5%
96PCS LED
237×102×162mm



CT-T300A-150W

21,000LM±5%
3.5kg±5%
192PCS LED
295×210×274mm



CT-T300A-240W

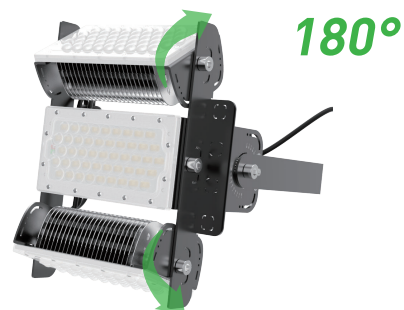
33,600LM±5%
5.0kg±5%
288PCS LED
295×319×274mm



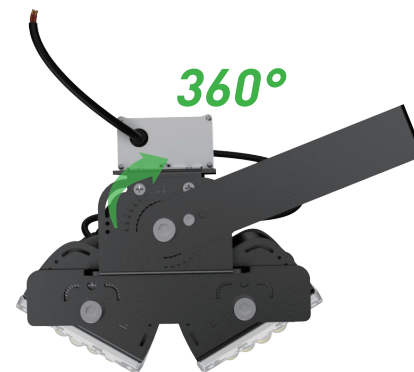
Multiple optical lens choices are available with angles including 45°/75°/120°



Rotatable module

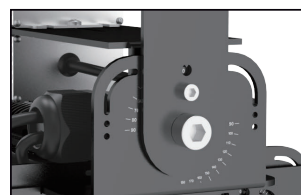


Module rotatable 180°



Arc bracket rotatable 360°

Feature



◀ Bracket scale

Module scale ▶



Highbay Light HALO



CT-HALO-50W

8,000LM±5%
3.2kg±5%
ø380x63mm

CT-HALO-80W

12,800LM±5%
3.6kg±5%
ø380x63mm

CT-HALO-100W

16,000LM±5%
3.8kg±5%
ø380x63mm

CT-HALO-150W

24,000LM±5%
3.8kg±5%
ø380x63mm

CT-HALO-200W

32,000LM±5%
5.6kg±5%
ø500x68mm

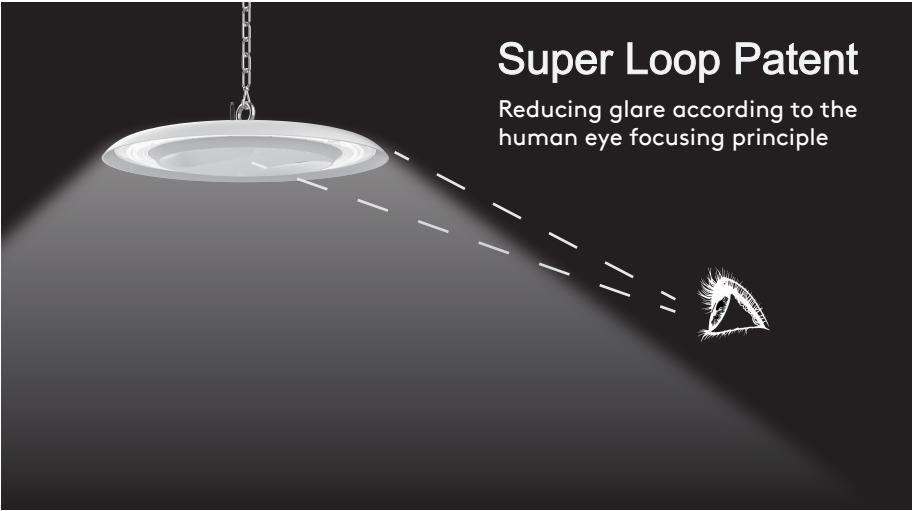
CT-HALO-240W

38,400LM±5%
5.6kg±5%
ø500x68mm



Specifications

WATTAGE	50/80/100/150/200/240W
DRIVER	MEANWELL
LAMP EFFICIENCY	160LM/W±5%
LIGHT SOURCE	LUMILEDS
CRI	Ra>70/80
CCT	2700-6500K
RATED VOLTAGE	AC 100-240V 277V~, 50/60Hz
POWER FACTOR	>0.95
BEAM ANGLE	60°/90°/120°
IP GRADE	IP66
IK GRADE	IK10
OPERATING TEMP	-40°C~55°C



Super Loop Patent

Reducing glare according to the human eye focusing principle



► IP66 & nano-coating, minimize maintenance cost.

► Compact curved surface design, too smooth to gather dirt.



Food Processing Light HALO-F



CT-HALO-F50W

8,000LM±5%
3.2kg±5%
ø380x63mm

CT-HALO-F80W

12,800LM±5%
3.6kg±5%
ø380x63mm

CT-HALO-F100W

16,000LM±5%
3.8kg±5%
ø380x63mm

CT-HALO-F150W

24,000LM±5%
3.8kg±5%
ø380x63mm

CT-HALO-F200W

32,000LM±5%
5.6kg±5%
ø500x68mm

CT-HALO-F240W

38,400LM±5%
5.6kg±5%
ø500x68mm

Specifications

WATTAGE	50/80/100/150/200/240W
DRIVER	MEANWELL
LAMP EFFICIENCY	160LM/W±5%
LIGHT SOURCE	LUMILEDS
CRI	Ra>70/80
CCT	2700-6500K
RATED VOLTAGE	AC 100-240V 277V~, 50/60Hz
POWER FACTOR	>0.95
BEAM ANGLE	60°/90°/120°
IP GRADE	IP69K
IK GRADE	IK10
OPERATING TEMP	-40°C~55°C



Food Grade Material

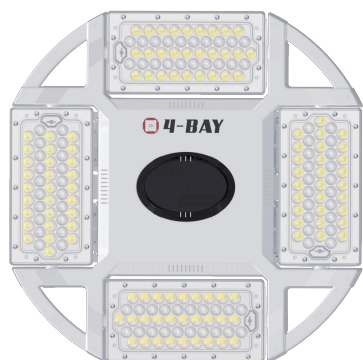
Safety guarantee

No toxic chemicals - NSF+LFGB+ROHS approved.

No water/steam/dust ingress - IP69K protection.

No dangerous parts - PC lens & integrated design, prevent parts from falling even under impact.

LED Highbay Light 4BAY



WATTAGE	100/150/200/240/300/400/480W
DRIVER	MEANWELL
LAMP EFFICIENCY	150LM/W±5%
LIGHT SOURCE	LUMILEDS
CRI	Ra>70/80
CCT	2700-6500K
RATED VOLTAGE	AC 100-240V 277V~, 50/60Hz
POWER FACTOR	>0.95
BEAM ANGLE	60°/120° (100/150/200/240W) 30°/60°/90°/120° (300/400/480W)
IP GRADE	IP65
HEAT SINK	ALUMINIUM COOLING FIN ALUMINIUM RIVET
OPERATING TEMP	-40°C~60°C



CT-4BAY-100W

15,000LM±5%
4.5kg±5%
192PCS LED
429×429×159mm

CT-4BAY-150W

22,500LM±5%
4.5kg±5%
288PCS LED
429×429×159mm



CT-4BAY-200W

30,000LM±5%
5.3kg±5%
384PCS LED
429×429×159mm

CT-4BAY-240W

36,000LM±5%
5.3kg±5%
480PCS LED
429×429×159mm



CT-4BAY-300W

45,000LM±5%
7.1kg±5%
112PCS LED
429×429×225mm

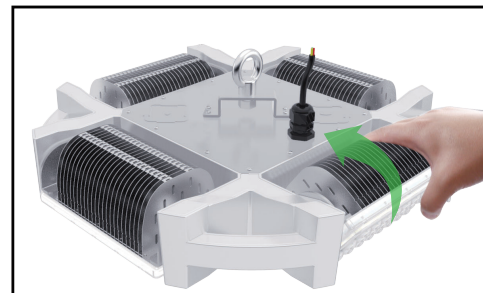
CT-4BAY-400W

60,000LM±5%
7.4kg±5%
144PCS LED
429×429×225mm

CT-4BAY-480W

72,000LM±5%
7.4kg±5%
192PCS LED
429×429×225mm

Feature



- Ultralight
- Module Adjustable Toolless
- Module Rotatable 200°



- Build-In Sensor Available
- High Luminous Flux
- Installation & Maintenance Friendly

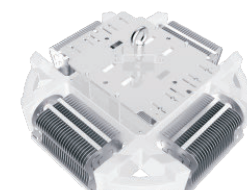
Original Design Heat-Sink



100/150W
Aluminium Rivet



200/240W
Aluminium Cooling Fin



300/400/480W
Aluminium Cooling Fin

LED Post Top Light HALO-L



WATTAGE	50/80/100/150/200/240W
DRIVER	MEANWELL
LAMP EFFICIENCY	160LM/W±5%
LIGHT SOURCE	LUMILEDS
CRI	Ra>70/80
CCT	2700-6500K
RATED VOLTAGE	AC 100-240V 277V~, 50/60Hz
POWER FACTOR	>0.95
BEAM ANGLE	60°/90°/120°
IP GRADE	IP66
IK GRADE	IK10
OPERATING TEMP	-40°C~60°C
SPIGOT DIAMETER	60/80mm

CT-HALO-L50W

8,000LM±5%
3.6kg±5%
ø380x162mm

CT-HALO-L80W

12,800LM±5%
4.0kg±5%
ø380x162mm

CT-HALO-L100W

16,000LM±5%
4.1kg±5%
ø380x162mm

CT-HALO-L150W

24,000LM±5%
4.2kg±5%
ø380x162mm

CT-HALO-L200W

32,000LM±5%
6.0kg±5%
ø500x168mm

CT-HALO-L240W

38,400LM±5%
6.0kg±5%
ø500x168mm

Unique appearance, stylish
decoration for your public space.

Annular luminous surface,
efficient and comfortable lighting.

All aluminium body resists
corrosion and ages well.

Smooth curve surface gathers no
dirt/leaf/snow/ice, self-cleaning with
the assistants of wind and rain.

IP66 & IK10

LED Street Light L300



CT-L300-60W

7,800LM±5%
3.7kg±5%
72PCS LED
81×271×437.5mm



CT-L300-120W

15,600LM±5%
4.9kg±5%
144PCS LED
81×271×547.5mm



CT-L300-180W

23,400LM±5%
5.8kg±5%
216PCS LED
81×271×657.5mm



CT-L300-240W

31,200LM±5%
6.8kg±5%
288PCS LED
81×271×767.5mm

Specifications

WATTAGE	60/120/180/240W
LIGHT SOURCE	LUMILEDS
LED QUANTITY	72 LEDS EACH MODULE
DRIVER	MEANWELL
LAMP EFFICIENCY	130LM/W±5%
CRI	Ra>70/80
CCT	2700-6500K
RATED VOLTAGE	AC 100-240V 277V~, 50/60Hz
POWER FACTOR	>0.95
BEAM ANGLE	X-135°, Y-65°
IP GRADE	IP66
HEAT-SINK	ALUMINIUM COOLING FIN
OPERATING TEMP	-40°C~60°C
SPIGOT DIAMETER	64mm

Feature

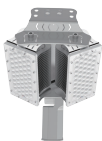


Adjustable high strength bracket to suit various pole types and diameters.



Each module is rotatable allowing easy adjustment to suit different road widths.

LED Street Light T400L



CT-T400L-120W

19,200LM±5%
4.4kg±5%
48PCS LED
478×220×169mm

CT-T400L-200W

32,000LM±5%
4.6kg±5%
96PCS LED
478×220×169mm



CT-T400L-180W

28,800LM±5%
5.5kg±5%
72PCS LED
478×338×169mm

CT-T400L-300W

48,000LM±5%
6.3kg±5%
144PCS LED
478×338×169mm



CT-T400L-240W

38,400LM±5%
6.2kg±5%
96PCS LED
670×221×205mm

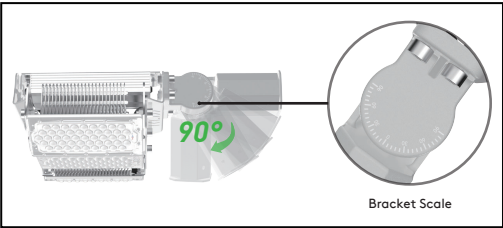
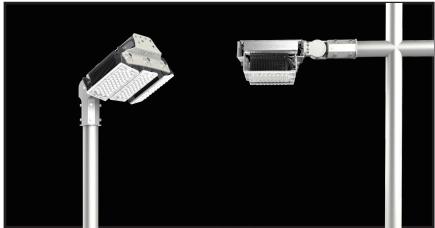
CT-T400L-400W

64,000LM±5%
7.8kg±5%
192PCS LED
670×221×205mm

Specifications

LAMP EFFICIENCY	LIGHT SOURCE	DRIVER	CRI
160LM/W±5% (60°/90°/120°) 150LM/W±5% (30°) 120LM/W±5% (10°)	LUMILEDS	MEANWELL	Ra>70/80
CCT	RATED VOLTAGE	POWER FACTOR	BEAM ANGLE
2700-6500K	AC 100-240V 277V~, 50/60Hz	>0.95	10°/30°/60°/90°/120°
IP GRADE	HEAT-SINK	OPERATING TEMP	SPIGOT DIAMETER
IP65	ALUMINIUM COOLING FIN	-40°C~60°C	60mm

Feature



LED Street Light L307



CT-L307-30W

3,900LM±5%
1.35kg±5%
40PCS LED
307×124×99mm



CT-L307-40W

4,800LM±5%
1.35kg±5%
40PCS LED
307×124×99mm

WATTAGE	30/40W
LIGHT SOURCE	LUMILEDS
LED QUANTITY	40 LEDS EACH MODULE
DRIVER	MEANWELL
LAMP LUMINOUS FLUX	120-130LM/W±5%
CRI	Ra>80
CCT	2700-6500K
RATED VOLTAGE	AC 90-305V, 50/60Hz
POWER FACTOR	>0.95
BEAM ANGLE	X-120°,Y-60°
IP GRADE	IP65
HEAT-SINK	ALUMINIUM COOLING FIN
OPERATING TEMP	-40°C~60°C

LED Bulkhead Light B300



CT-B300-30W

4,500LM±5%
1.15kg±5%
250x107.4x84mm

CT-B300-50W

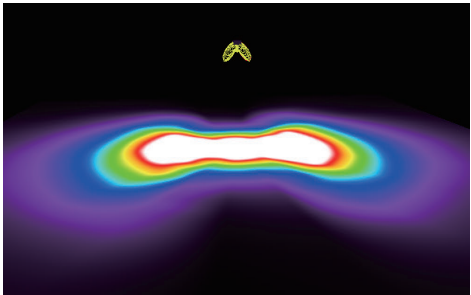
7,500LM±5%
1.20kg±5%
250x107.4x84mm

Specifications

WATTAGE	30/50W
LAMP LUMINOUS FLUX	150LM/W±5%
CRI	Ra>70/80
CCT	2700-6500K
RATED VOLTAGE	AC 100-240V 277V~, 50/60Hz
POWER FACTOR	>0.95
IP GRADE	IP66
IK GRADE	IK10
BEAM ANGLE	Asymmetric G5
OPERATING TEMP	-40°C~55°C

Light Distribution

Asymmetric G5



Mining Industry



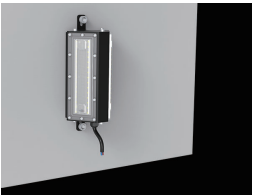
Conveyor Belt



Installation



Ceiling installation

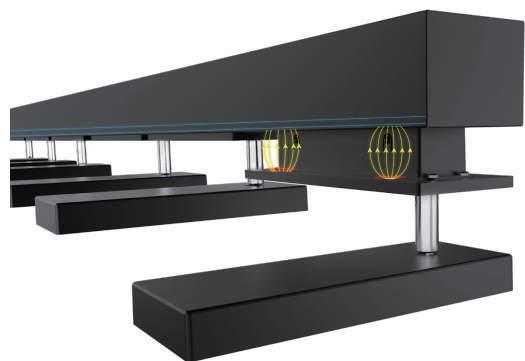


Wall mounting



Suspension installation

G Track



► Magnetic Suction



30pcs LEDs Each Module
Beam Angle: 120°

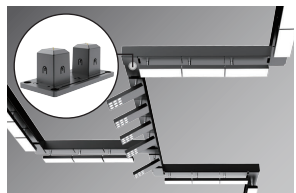


9pcs LEDs Each Module
Beam Angle: 30°

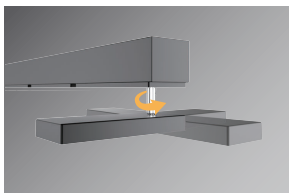
Specifications

WATTAGE	LAMP LUMINOUS FLUX	MATERIALS	CRI
15W	1500-1600LM	ALUMINIUM	Ra>80/90
CCT	RATED VOLTAGE	POWER FACTOR	OPERATING TEMP
2700-6500K	AC 220-240V 50/60Hz	>0.95	-30°C~40°C

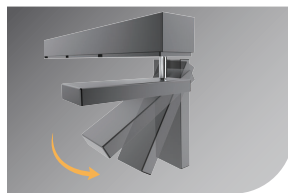
Feature



Connect without wiring,
just plug in.



360°
Horizontally Adjustable



90°
Vertically Adjustable

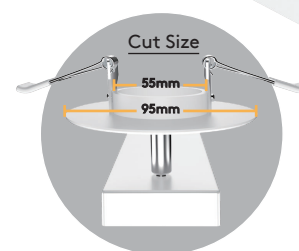
G Track Down Light



30pcs LEDs Each Module
Beam Angle: 120°



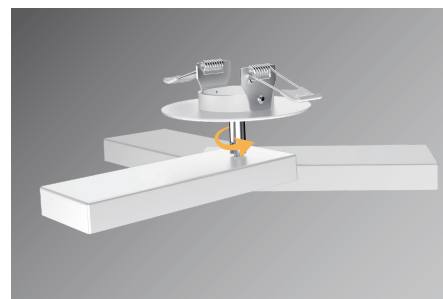
9pcs LEDs Each Module
Beam Angle: 30°



Specifications

WATTAGE	LAMP LUMINOUS FLUX	MATERIALS	CRI
15W	1500-1600LM	ALUMINIUM	Ra>80/90
CCT	RATED VOLTAGE	POWER FACTOR	OPERATING TEMP
2700-6500K	AC 220-240V 50/60Hz	>0.95	-30°C~40°C

Adjustable Module



360° Horizontally Adjustable



90° Vertically Adjustable

CASE STUDY

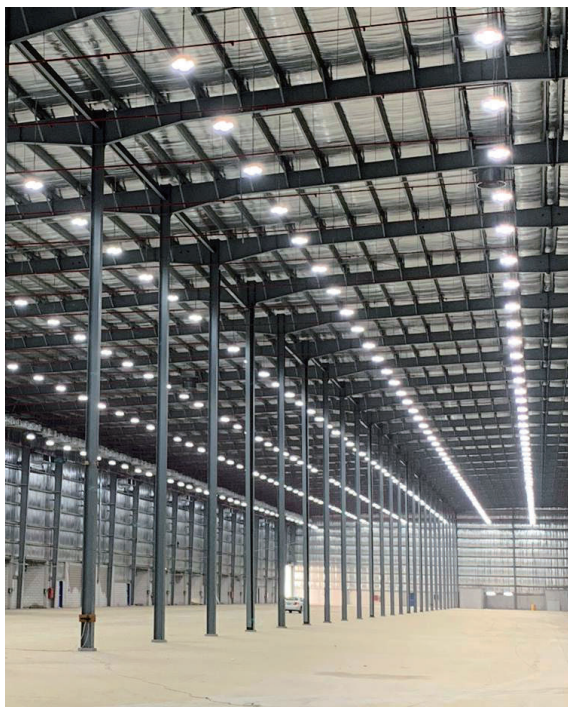
● Outdoor Lighting



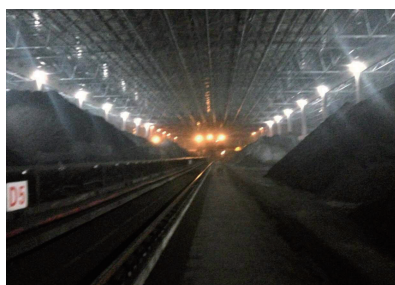
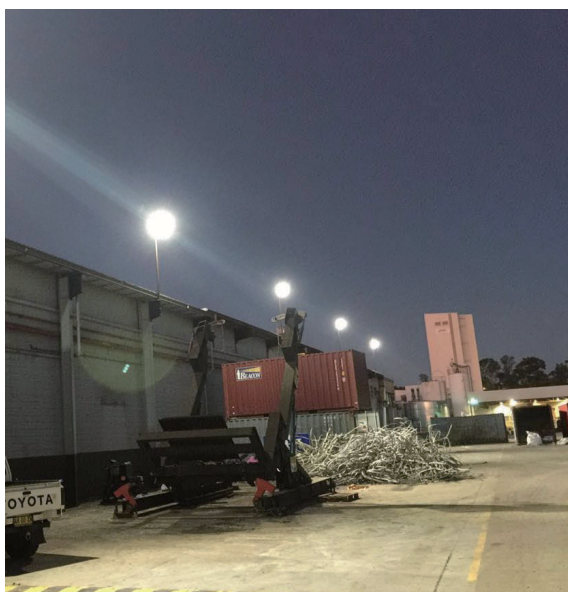
● Public Amenities Lighting

● Indoor Lighting





● Industrial Lighting



Cool-Tech Ltd is all about creating intelligent technologies for a cleaner, greener environment. With a particular focus on engineering and implementation we are passionate about offering Cooling, Heating and Lighting solutions that enhance any commercial environment.

Cooling.

We are the UK's leading service provider and installation specialists for Evaporative Cooling. Our clients are all over the length and breadth of the country from Universities, Breweries, Bakeries, Retail and Large Server rooms to Pharmaceutical Warehouses.

This low cost method of cooling using just natural fresh air and tap water offers 90% savings over the more traditional refrigerant air conditioning.

We offer comprehensive PLC controls that enhance our installations and put our offering way ahead of others in this industry. Smart businesses have smart eco-friendly buildings to look after their people, processes and products.

Heating.

Far Infra Red is a recent addition and a superb solution for many commercial heating applications. The heat is emitted from the heater panel or ceramic emitter, which then travels unimpeded through the air until it hits an object. That object then absorbs the radiation, causing molecules within it to vibrate, producing heat.

Clean, comfortable and safe. It's very controllable with our smart flexible controls, which means you only heat those areas where it's needed and not the planet or vacant roof spaces. Thus providing you with optimum comfort levels whilst minimising your energy consumption.

Lighting.

Working with our manufacturing partners we have developed an exclusive 'Versatile' LED lighting range that standardises on one modular platform that will deliver on all aspects of your required lighting levels, albeit outside or inside. Our solutions are built to integrate seamlessly into your work or leisure space.

We model all the various lighting contingencies with simulation software to ensure we obtain the expected outcome after installation. We can produce many scenarios and work closely with you to determine which one will best suit your application.

Also, if installed by us, we are so confident of the quality that we will pass on to you an 'on-site' warranty for our lighting platform. This means if any failure occurs in that period it is our responsibility to visit and rectify the problem. A standard five-year 'return product' warranty is also available if others install our lamps.