

SPECIFICATIONS

UL, CUL CERTIFICATE

INTERNAL DRIVER, INPUT VOLTAGE 100-277V

MEET 4KV SURGE IMMUNITY LEVEL

NEW GRID DESIGN

EXCELLENT HEAT-RESISTANT DRIVER, OFFERING CONTINUOUS AND STABLE LIGHTING

CLOSED STRUCTURE DESIGN FOR LIGHT SOURCE AREA, GOOD DUST-PROOF EFFECT AND ANTI-MOSQUITO INTERFERENCE EFFECT

EASY INSTALLATION

GOOD HEAT DISSIPATION AND VENTILATION



APPLICATIONS

FACTORIES

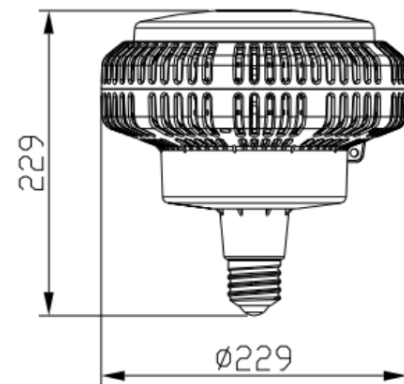
CONSTRUCTION SITES

STADIUMS

SUPERMARKETS



E39



mm



ORDER INFORMATION

SERIES	WATTAGE	VOLTAGE UL = 110-277V	BASE	KELVIN 50 = 5000K
CPS-RL-B-	150W-	UL-	E39-	40
				50
EXAMPLE: CPS-RL-B-150W-UL-E39-50				

TECHNICAL CHARACTERISTICS

COLOR TEMPERATURE	4000K, 5000K
INPUT VOLTAGE	AC100-277 50/60Hz
LUMENS	18000-19500 LM
LUMEN EFFICIENCY	120-130 LM/W
WATERPROOF RATING	IP64
CRI	>80
PFC	>0.9
VIEWING ANGLE	115 DEGREE
OPERATING TEMPATURE	~40°C TO 60°C
OPERATING HUMIDITY	20%-70% RH
STORAGE TEMPERATURE	~30°C TO 80°C
STORAGE HUMIDITY	10%-75%
APPLICATION	INDOOR/OUTDOOR
EQUIVALENT	400W MHL/HPS/HID
L70 LIFE	PROJECTED 100,000 HOURS
WARRANTY	7 YEARS

MATERIALS

HOUSING	PC + AL
HOUSING COLOR	WHITE + GREY

photometric:

Luminaire Property

Luminaire Manufacturer:
Voltage: 122.5 V
Power: 149.69 W

Current: 1.228 A
Power Factor: 0.993

Photometric Results

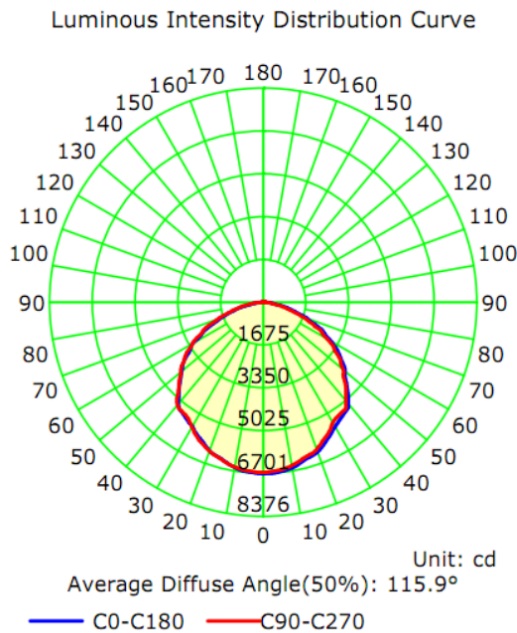
CIE Class: Direct
Measurement Flux: 19518.2 lm
Downward Ratio: 99%
Horizontal Diffuse Angle(50%): H116.1
Vertical Diffuse Angle(50%): V115.7
Luminaire Efficacy Rating (LER): 130.44
Max. Intensity: 6701.28 cd
S/MH(C0/C180): 1.26

Total Rated Lamp Lumens: 19518.2 lm
Efficiency: 100%
Upward Ratio: 1%

Central Intensity: 6701.28 cd
Pos of Max. Intensity: H0 V0
S/MH(C90/C270): 1.24

The Average Illuminance Effective Figure

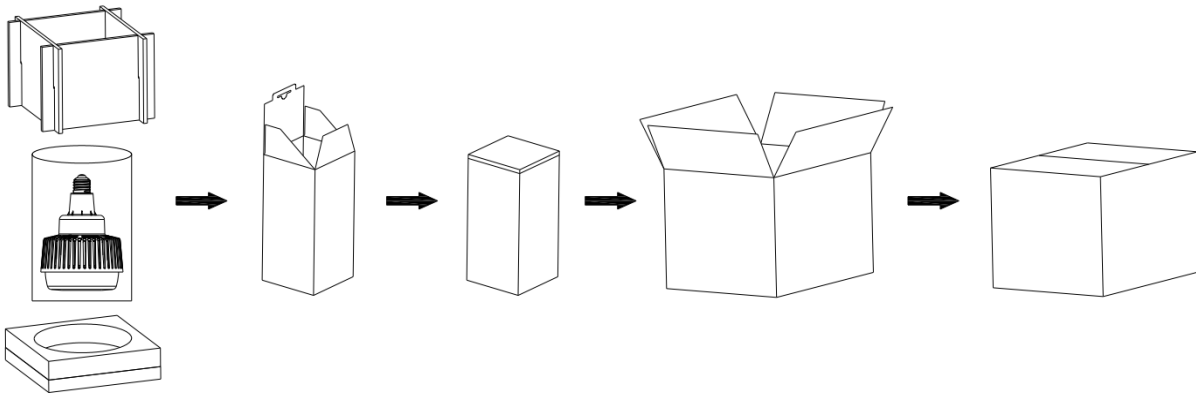
Flux Out: 14773.33lm



Height	Avg./Nadir. E	Beam Angle: 116.1°	Diameter / Area
1.0m	1829.54/ 6701.28lx		3.21m / 8.07sq.m
2.0m	457.39/ 1675.32lx		6.41m / 32.30sq.m
3.0m	203.28/ 744.59lx		9.62m / 72.67sq.m
4.0m	114.35/ 418.83lx		12.83m / 129.20sq.m
5.0m	73.18/ 268.05lx		16.03m / 201.87sq.m
6.0m	50.82/ 186.15lx		19.24m / 290.70sq.m
7.0m	37.34/ 136.76lx		22.45m / 395.67sq.m
8.0m	28.59/ 104.71lx		25.65m / 516.79sq.m
9.0m	22.59/ 82.73lx		28.86m / 654.07sq.m
10.0m	18.30/ 67.01lx		32.06m / 807.49sq.m

PACKAGING

	SIZE	QTY/ CARTON	NET WEIGHT/ CARTON	GROSS WEIGHT/ CARTON
INNER BOX	255*255*270 MM	1 PC	1.5 KG	1.9 KG
OUTER BOX	530*530*290 MM	4 PCS	6.0 KG	9.0 KG



INSTALLATION

- Please turn off power before install or change assembly parts.
- The input voltage and lamps should be matched, after connecting the power line.
- Please make sure the wiring section is insulated.
- Make sure to remove or bypass the ballast in the fixtures before installing the lamps.
- Suitable for damp locations. Do not use with dimmers.
- Suitable for enclosed luminaires.

