

## SPECIFICATIONS

UL, CUL CERTIFICATE

INTERNAL DRIVER, INPUT VOLTAGE 100-277V

MEET 6KV 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

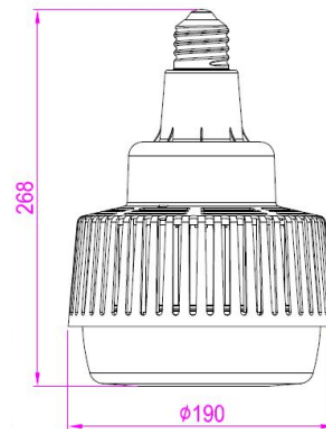
CONSTRUCTION SITES

STADIUMS

SUPERMARKETS



E39



mm



## 100W RETROFIT B LAMP

### ORDER INFORMATION

SERIES	WATTAGE	VOLTAGE	BASE	KELVIN
		UL = 110-277V		50 = 5000K
CPS-RL-B-	100W-	UL-	E39-	40
				50
EXAMPLE: CPS-RL-B-100W-UL-E39-50				

### TECHNICAL CHARACTERISTICS

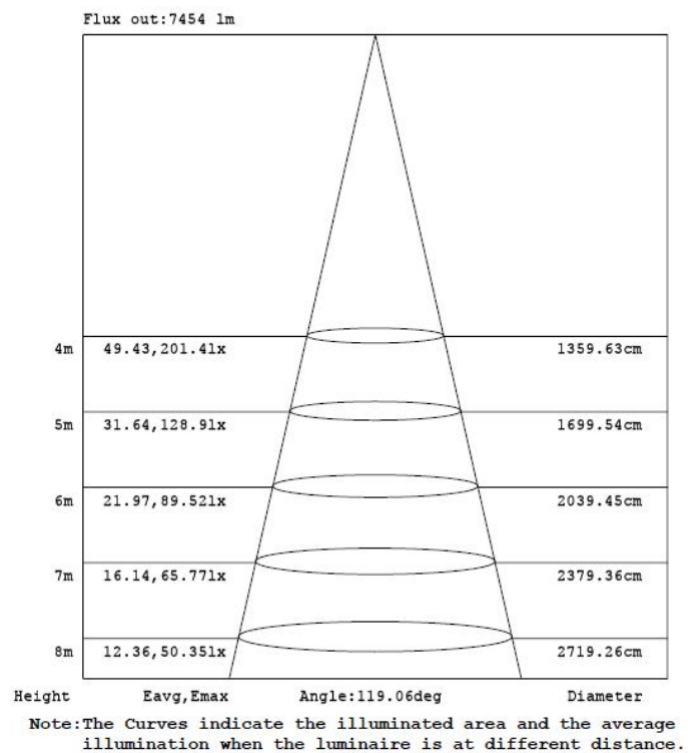
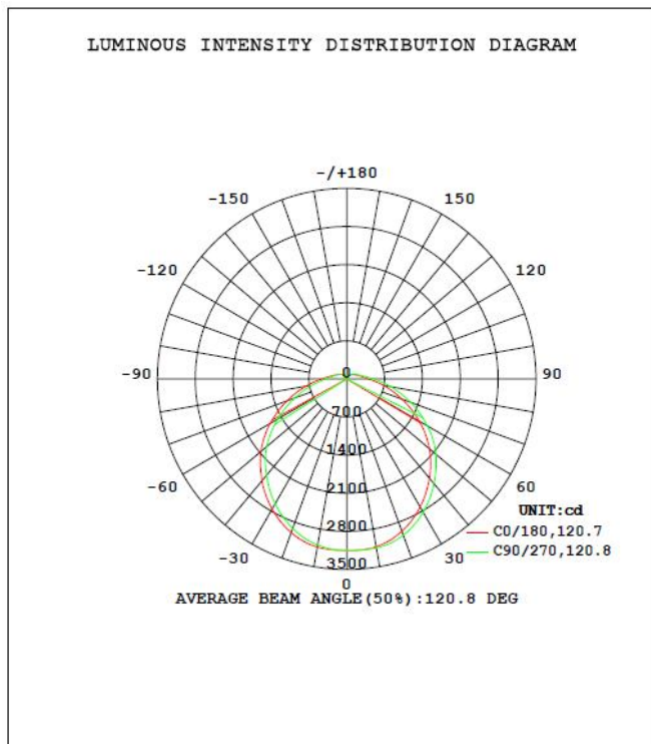
COLOR TEMPERATURE	4000K, 5000K
INPUT VOLTAGE	AC100-277 50/60Hz
LUMENS	12000-13000 LM
LUMEN EFFICIENCY	120-130 LM/W
WATERPROOF RATING	IP51
CRI	>80
PFC	>0.9
VIEWING ANGLE	120 DEGREE
OPERATING TEMPATURE	~20°C TO 45°C
OPERATING HUMIDITY	20%-70% RH
STORAGE TEMPERATURE	~30°C TO 80°C
STORAGE HUMIDITY	10%-75%
APPLICATION	INDOOR/OUTDOOR
EQUIVALENT	200W CFL, 250W MHL/HPS/HID
L70 LIFE	PROJECTED 100,000 HOURS
WARRANTY	7 YEARS

### MATERIALS

HOUSING	PC + AL
HOUSING COLOR	WHITE + GREY

photometric:

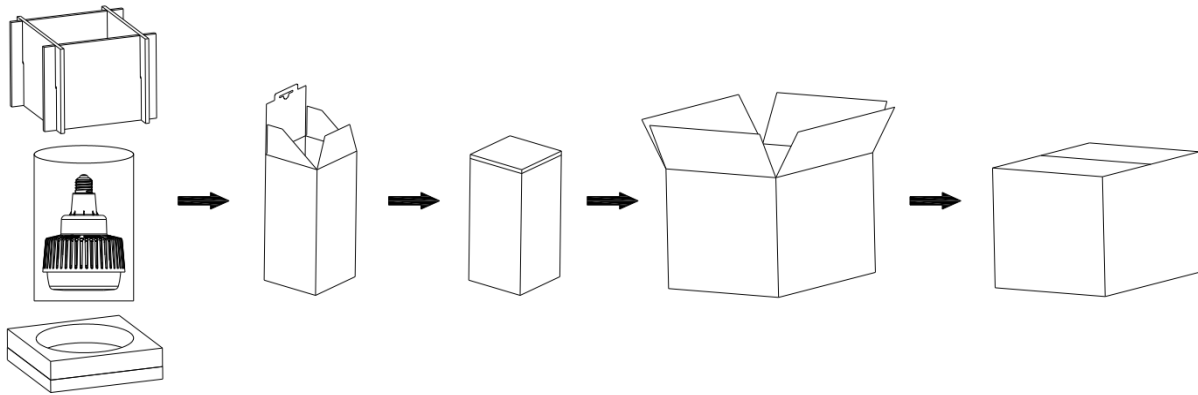
DATA OF LAMP		PHOTOMETRIC DATA				Eff: 121.40 lm/W
MODEL		Imax (cd)	3158	S/MH (C0/180)	1.30	
NOMINAL POWER (W)	100	LOR (%)	100.0	S/MH (C90/270)	1.25	
RATED VOLTAGE (V)	120	TOTAL FLUX (lm)	11580	$\eta$ UP, DN (C0-180)	5.2, 46.3	
NOMINAL FLUX (lm)	11580.4	CIE CLASS	SEMI-D.	$\eta$ UP, DN (C180-360)	4.9, 43.6	
LAMPS INSIDE	1	$\eta$ up (%)	10.1	CIBSE SHR NOM	1.50	
TEST VOLTAGE (V)	120	$\eta$ down (%)	89.9	CIBSE SHR MAX	1.50	





## PACKAGING

	SIZE	QTY/ CARTON	NET WEIGHT/ CARTON	GROSS WEIGHT/ CARTON
INNER BOX	210*210*300 MM	1 PC	1.38 KG	1.68 KG
OUTER BOX	440*440*325 MM	4 PCS	5.5 KG	8.0 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, min. lamp compartment dimensions: 440\*240\*240mm

