

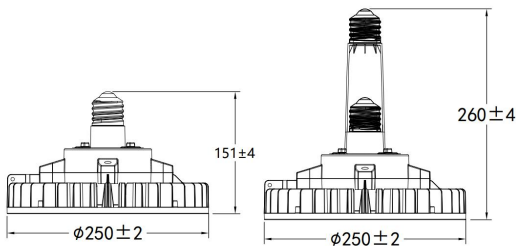
Adapter included

PLT-12951 - 120/140/160W , 3000/4000/5000K,
EX39 Base
- includes adapter

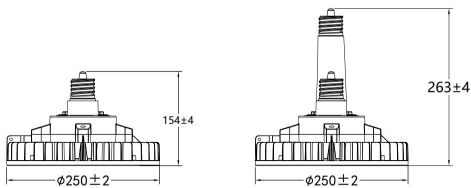
DLC 5.1 Standard - PLTSN7B538[1;2;blank]1[1;2]

DIMENSIONS

E39 NPS-00179*



EX39



*Special Order, call 1-800-624-4488

**See Optional Accessories section on Page 2 for more information

ADVANTAGE

- UL cUL certificate.
- E39 or EX39 lamp base.
- 3000K /4000K/ 5000K CCT selectable.
- Die-cast aluminum fin radiator, No fan.
- Internal driver, input voltage AC120-277V.
- Meets 6KV surge immunity level.
- Sealant pouring for whole driver and lamp plastic housing.
- Two dimming modes optional, segmented dimming, sensor dimming.
- 120W /140W/ 160W wattage selectable.
- Motion microwave sensor or motion PIR sensor optional**, 10V continuous dimming.
- Long lifespan and good heat dissipation.

NOTICE

- Please turn off power before installation or maintenance
- The input voltage of the fixture and lamps should match. Make sure wiring is insulated.
- Make sure to remove or bypass the ballast in the fixture before installing the lamp.
- Suitable for damp locations.
- Suitable for use in enclosed luminaires. Min. lamp compartment dimensions: 400*400*350MM.
- Installation, service, and maintenance of luminaires should be performed by a qualified licensed electrician.

APPLICATIONG

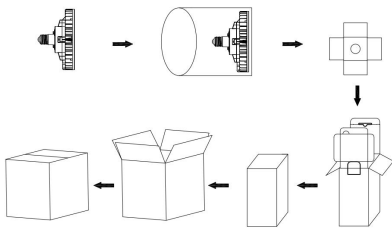
- Use in factories, construction sites, stadiums, supermarkets, mining areas, etc.

SPECIFICATIONS

OPTICAL	Input Power (Tolerance : ±10%)	160W		
	Color Temperature (Color Tunable)	3000K	4000K	5000K
	Lumen (Tolerance : ±10%)-In Luminaires	23200LM	25600LM	24480LM
	Efficacy (Tolerance :±3%)-In Luminaires	145LM/W	160LM/W	153LM/W
	CRI	>80		
	Color Consistency	<7 Steps (or <7 SDCM)		
	Diffuser Type	Clear PC		
	Beam Angle (50%) (Tolerance : ±25%)	100 Degree		
ELECTRICAL	Input Voltage and Frequency	120-277VAC 50/60Hz		
	PF (Tolerance : -3%)	≥0.9		
	THD (Tolerance : +5%)	≤20%		
	Flicker Percent	<72%		
	Driver Surge protection	L-N: 6kV		
	Dimmable	0-10V dimming standard (through manual knob on the lamp)		
	Sensor Type	Daylight Sensor ¹ , Occupancy Sensor ² , Multifunction Sensor ³ , Integral Sensor Receptacle ⁴		
	Optional Accessory	Motion Microwave Sensor ⁵ , Motion PIR Sensor ⁶		
	Equivalent	600W MHL/HPS/HID		
	MATERIALS	LED Brand	PLT	
LED Type		SMD2835		
LED QTY		384 pcs of 3000K + 384 pcs of 5000K		
Housing		PC + Aluminum		
Housing Color		Any color		
Waterproof Rating		DAMP (IP64)		
OTHERS	Operating Temperature	Without Motion Sensor: -40°C TO 50°C; With Motion Sensor: -30°C TO 50°C		
	Operating Humidity	20%-70% RH		
	Storage Temperature	-40°C TO 80°C		
	Storage Humidity	10%-75% RH		
	Warranty Time	5 years		

PACKAGE

	Size	Qty / Carton	Net Weight / Carton	Gross Weight / Carton
Inner box	255*255*205mm	1 PC	1.68 KG	2.1 KG
Outer box	530*530*220mm	4PCS	6.72 KG	10.5 KG



Optional Accessories:

- 1 Daylight Sensor - NPS-00173
- 2 Occupancy Sensor - NPS-00174
- 3 Multifunction Sensor - NPS-00175
- 4 Integral Sensor - NPS-00176
- 5 Motion Microwave Sensor - NPS-00177
- 6 Motion PIR Sensor - NPS-00178

Special Order items. Please call 1-800-624-4488 for more information.

LIGHT DISTRIBUTION TESTING PARAMETERS

Remark: The testing data comes from the product place in a luminaire (5000K)

Luminaire Property

Luminaire Manufacturer:

Voltage: 120.5 V

Power: 159.00 W

Current: 1.328 A

Power Factor: 0.994

Photometric Results

CIE Class: Direct

Measurement Flux: 24182.7 lm

Downward Ratio: 99%

Horizontal Diffuse Angle(10%,50%): H137.5,H100.7

Vertical Diffuse Angle(10%,50%): V137.5,V100

Luminaire Efficacy Rating (LER): 152.14

Max. Intensity: 9884.94 cd

S/MH(C0/C180): 1.43

Total Rated Lamp Lumens: 24182.7 lm

Efficiency: 100%

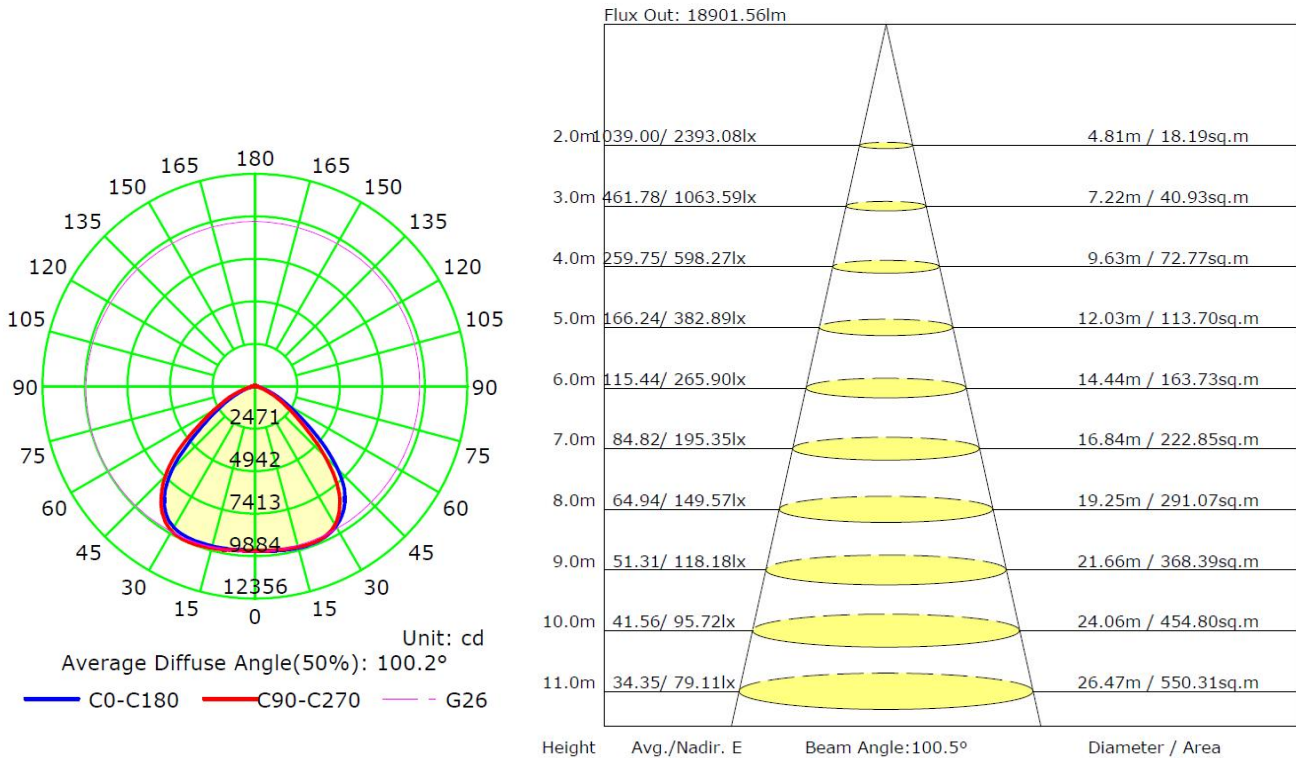
Upward Ratio: 1%

Central Intensity: 9572.32 cd

Pos of Max. Intensity: H292.5 V26

S/MH(C90/C270): 1.43

The Average Illuminance Effective Figure



TROUBLESHOOTING

Problem	Solution
Flickering light	Turn off the power, then turn on again after 3 minutes. If the light continues to flicker, call a licensed electrician.
Light is not coming on	Check the electrical connection.