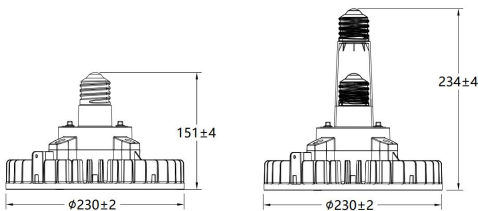


Adapter included

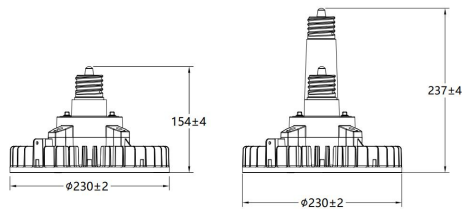
PLT-12950 - 80/100/120W , 3000/4000/5000K,
EX39 Base
- includes adapter

DIMENSIONS

E39 NPS-00172*



EX39



FEATURES

- 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.
- 80W /100W/ 120W wattage selectable.
- Motion microwave sensor or motion PIR sensor optional**, 10V continuous dimming.
- Long lifespan and good heat dissipation.
- Easy installation.
- Fits many different fixtures to replace traditional lamps.

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

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

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.

APPLICATIONS

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



SPECIFICATIONS

OPTICAL	Input Power (Tolerance : ±10%)	120W		
	Color Temperature (Color Tunable)	3000K	4000K	5000K
	Lumen (Tolerance : ±10%)-In Luminaires	17400LM	19200LM	18360LM
	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	400W MHL/HPS/HID		
MATERIALS	LED Brand	Lumileds		
	LED Type	SMD2835		
	LED QTY	288 pcs of 3000K + 288 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		

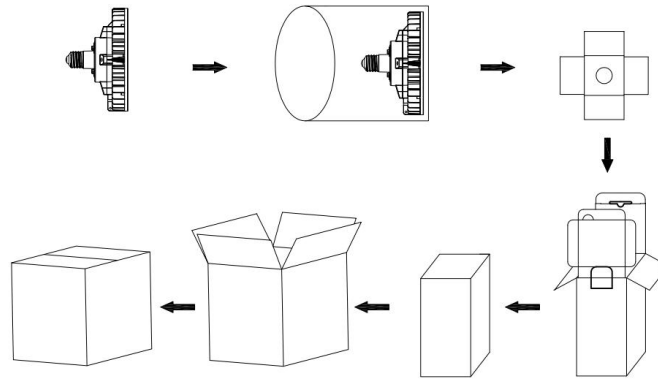
PACKAGE

	Size	Qty / Carton	Net Weight / Carton	Gross Weight / Carton
Inner box	235*235*205MM	1 PC	1.45KG	1.85KG
Outer box	490*490*220MM	4PCS	5.8 KG	8.5 KG

Optional Accessories:

- ¹Daylight Sensor - NPS-00173
- ²Occupancy Sensor - NPS-00174
- ³Multifunction Sensor - NPS-00175
- ⁴Integral Sensor - NPS-00176
- ⁵Motion Microwave Sensor - NPS-00177
- ⁶Motion 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 placed in a luminaire (5000K)

Luminaire Property

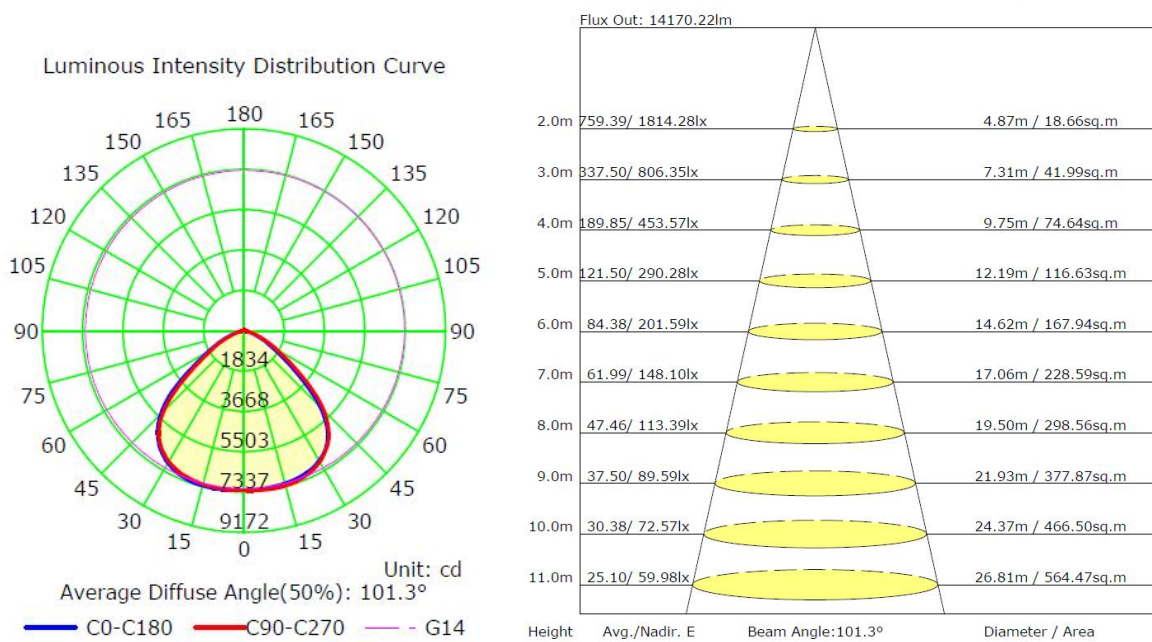
Luminaire Manufacturer:
 Voltage: 121.2 V
 Power: 118.00 W

Current: 0.979 A
 Power Factor: 0.995

Photometric Results

CIE Class: Direct	Total Rated Lamp Lumens: 17948.5 lm
Measurement Flux: 17948.5 lm	Efficiency: 100%
Downward Ratio: 99%	Upward Ratio: 1%
Horizontal Diffuse Angle(10%,50%): H136.7,H101.3	
Vertical Diffuse Angle(10%,50%): V137.4,V101.5	
Luminaire Efficacy Rating (LER): 152.16	Central Intensity: 7257.12 cd
Max. Intensity: 7337.91 cd	Pos of Max. Intensity: H135 V14
S/MH(C0/C180): 1.39	S/MH(C90/C270): 1.39

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.