

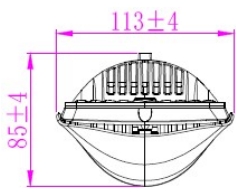


PLT-12963 - 12/18/27W, 5000K, E39 Base

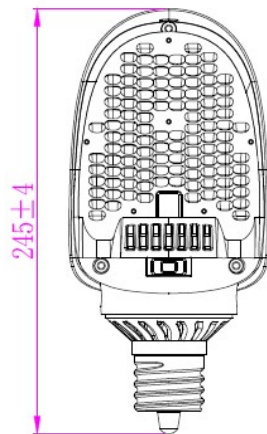
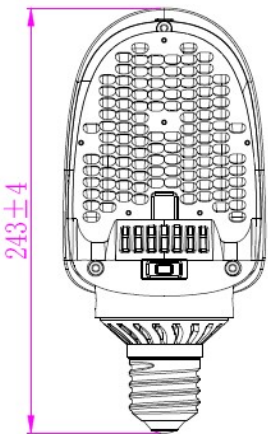
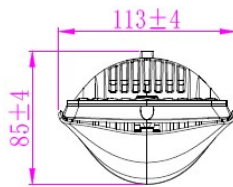
DLC 5.1 Standard - PLTSNU111112

DIMENSIONS

E39



EX39



NPS-00090*

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

NOTICE FOR USER

- Please turn off power before installation or maintenance.
- The input voltage of the fixture and lamps should match. Make sure wiring is insulated.
- Installation, service, and maintenance of luminaires should be performed by a qualified licensed electrician.
- Suitable for damp locations. Do not use with dimmers.
- Make sure to remove or bypass the ballast in the fixture before installing the lamp.
- Suitable for use in enclosed luminaires, min. Luminaire compartment dimensions: 340*200*200MM.

ADVANTAGE

- UL, DLC 5.1 Standard
- E39 or EX39 lamp base
- Big heat sink, NO fan
- Internal driver, input voltage AC120-277V 1-10V dimming .
- Wattage adjustable options are available, segmented wattage adjustable
- Meets 4KV surge immunity level
- Long lifespan and good heat dissipation
- Direct replacement for Metal Halide, easy installation
- Fits many different fixtures to replace traditional lamps
- Operating ambient temperature up to 50 degrees Celsius
- Rotatable, ensures light output is aimed directly out of the fixture

APPLICATION

- Replacement Lamps for Outdoor Pole/ Arm-mounted Area and Roadway Luminaires(UL Type B).

SPECIFICATIONS

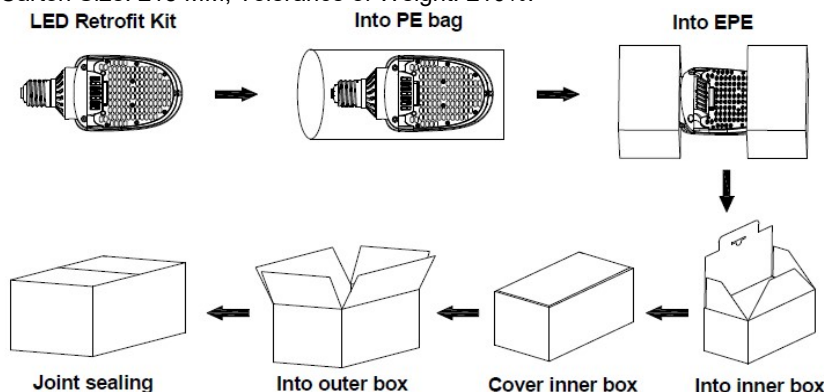
OPTICAL	Input Power (Tolerance : $\pm 10\%$)	27W(12W/18W/27W via switch)						
	Color Temperature	3000K**	3500K**	4000K**	4500K**	5000K	5700K**	6500K**
	Lumen (Tolerance : $\pm 10\%$)-In Luminaires	2846 LM	2883 LM	2920 LM	2957 LM	3600 LM	3031 LM	3068 LM
	Efficacy (Tolerance : $\pm 3\%$)-In Luminaires	108LM /W	109LM /W	110 LM /W	111 LM /W	136 LM /W	114 LM /W	115 LM /W
	CRI	>80						
	Color Consistency	<6 Steps (or <6 SDCM)						
	Diffuser Type	TYPEIII						
	Beam Angle(50%)(Tolerance : $\pm 25\%$)	110Degree						
ELECTRICAL	Input Voltage and Frequency	120-277VAC 50/60Hz						
	PF (Tolerance : -3%)	≥ 0.9						
	THD (Tolerance : +5%)	$\leq 20\%$						
	Flicker Percent	<5%						
	Driver Surge protection	L-N: 4kV						
	Dimmable	No						
	Sensor Type	NO						
	Optional Accessory	NO						
	Equivalent	60W CFL, 100W MHL/HPS/HID						
MATERIALS	LED Brand	LUMILEDS						
	LED Type	SMD2835						
	LED QTY	56PCS						
	Housing	PC + Aluminum						
	Housing Color	Any colour						
	Waterproof Rating	DAMP (IP64)						
OTHERS	Operating Temperature	-40°C TO 50°C						
	Storage Temperature	-40°C TO 80°C						
	Operating Humidity	20%-70% RH						
	Storage Humidity	10%-75% RH						
	Warranty Time	5 years						

*Multiple CCT options available via Special Order. Call 1-800-624-4488.

PACKAGE

	Size	Qty / Carton	Net Weight / Carton	Gross Weight / Carton
Inner box	290*135*105 MM	1PCS	0.7 KG	0.87 KG
Outer box	560*310*235 MM	8PCS	5.6 KG	7.6 KG

Tolerance of Outer Carton Size: ± 15 MM, Tolerance of Weight: $\pm 10\%$.



LIGHT DISTRIBUTION TESTING PARAMETERS

Remark: The testing data comes from the product in luminaires.

Luminaire Property

Luminaire Manufacturer:
Luminaire Category:
Lamp Catalog:
Number of Lamps:
Luminous Length (mm):
Luminous Height (mm):
Current: 0.225 A
Power Factor: 0.972

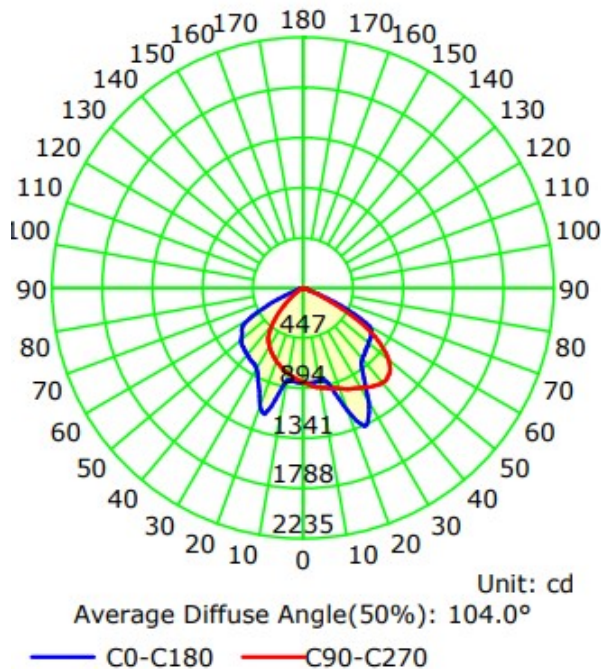
Luminaire Description:
Lamp Description:
Lumens per Lamp:
Luminous Width (mm):
Voltage: 120.0 V
Power: 26.31 W

Photometric Results

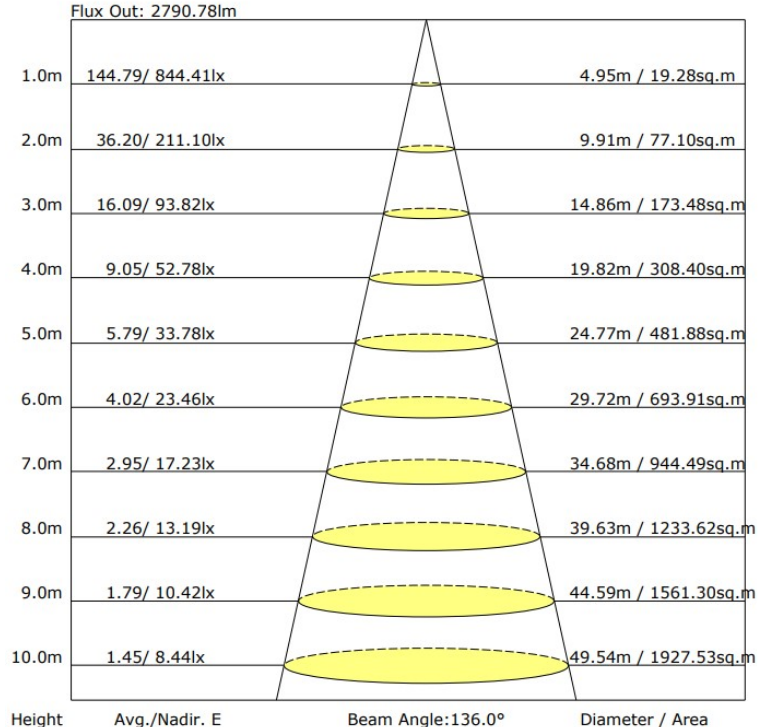
IES Classification: Type II
Total Rated Lamp Lumens: 2846.7 lm
Efficiency: 100%
Upward Ratio: 0%
C0r0 Intensity: 844.41 cd
Pos of Max. Intensity: H45 V32
Beam Angle(C0/C180,C90/C270,C45/C225,C135/315): 114.1, 93.9, 70.4, 96.8

Longitudinal Classification: Very Short
Measurement Flux: 2846.7 lm
Downward Ratio: 100%
Luminaire Efficacy Rating (LER): 108.25
Max. Intensity: 1788.62 cd

Luminous Intensity Distribution Curve



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.