

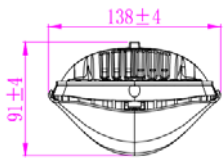


PLT-12964 - 36/45/54W, 5000K, E39 Base

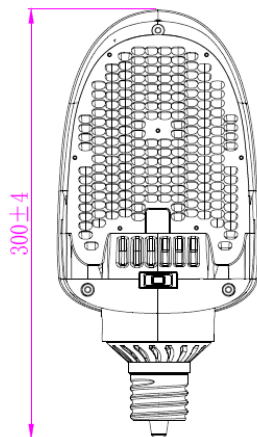
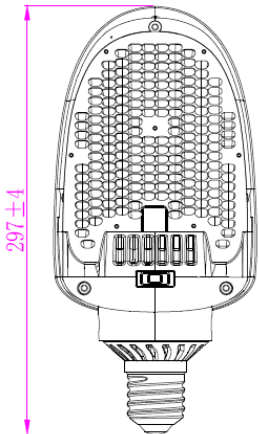
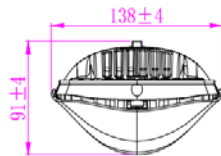
DLC 5.1 Standard - PLTSNU211112

DIMENSIONS

E39



EX39



NPS-00091*

*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: 420*210*210MM.

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

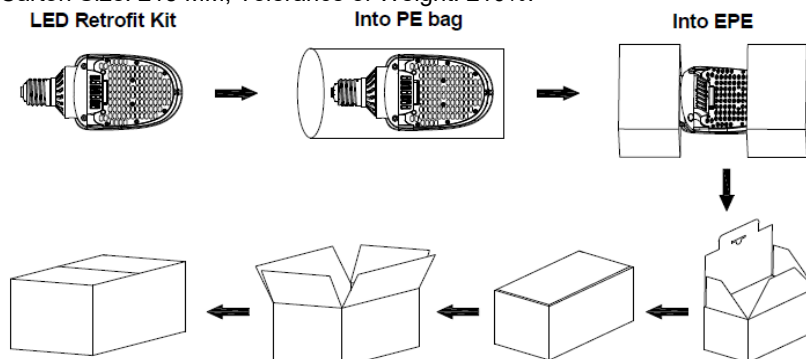
OPTICAL	Input Power (Tolerance : ±10%)	54W(36W45W/54W via switch)						
	Color Temperature	3000K*	3500K*	4000K*	4500K*	5000K	5700K*	6500K*
	Lumen (Tolerance : ±10%)-In Luminaires	5949LM	6016LM	6084LM	6152LM	6219LM	6287LM	6354LM
	Efficacy (Tolerance : ±3%)-In Luminaires	110LM/W	111LM/W	112LM/W	113LM/W	114LM/W	115LM/W	117LM/W
	CRI	>80						
	Color Consistency	<6 Steps (or <6 SDCM)						
	Diffuser Type	TYPEIII						
	Beam Angle(50%)(Tolerance : ±25%)	115Degree						
ELECTRICAL	Input Voltage and Frequency	120-277VAC 50/60Hz						
	PF (Tolerance : -3%)	≥0.9						
	THD (Tolerance : +5%)	≤20%						
	Flicker Percent	<100%						
	Driver Surge protection	L-N: 4kV						
	Dimmable	0-10V dimming standard (through switch on the lamp)						
	Sensor Type	NO						
	Optional Accessory	NO						
	Equivalent	120W CFL, 175W MHL/HPS/HID						
MATERIALS	LED Brand	LUMILEDS						
	LED Type	SMD2835						
	LED QTY	112PCS						
	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 warranty						

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

PACKAGE

	Size	Qty / Carton	Net Weight / Carton	Gross Weight / Carton
Inner box	340*160*110 MM	1PCS	1.12KG	1.32 KG
Outer box	660*360*245 MM	8PCS	6.72 KG	11.6 KG

Tolerance of Outer Carton Size: ±15 MM, Tolerance of Weight: ±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: 0.462 A
 Power Factor: 0.974

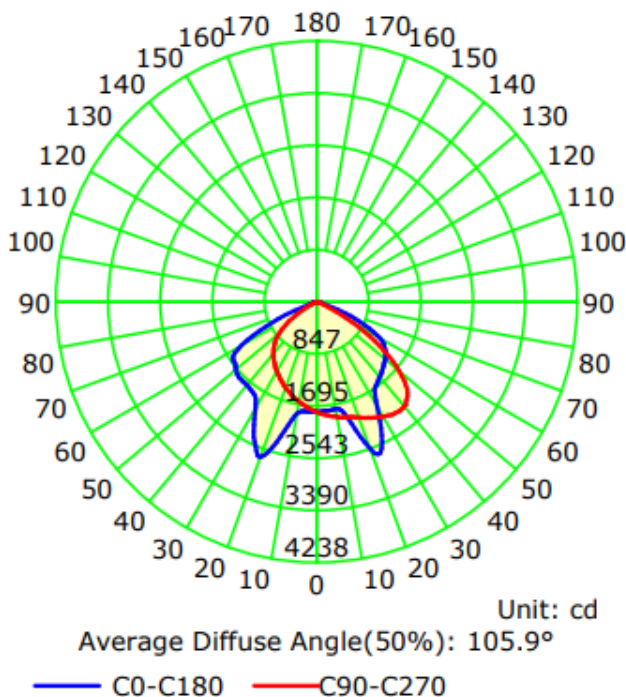
Luminaire Description:
 Lamp Description:
 Lumens per Lamp:
 Luminous Width (mm):
 Voltage: 120.0 V
 Power: 54.13 W

Photometric Results

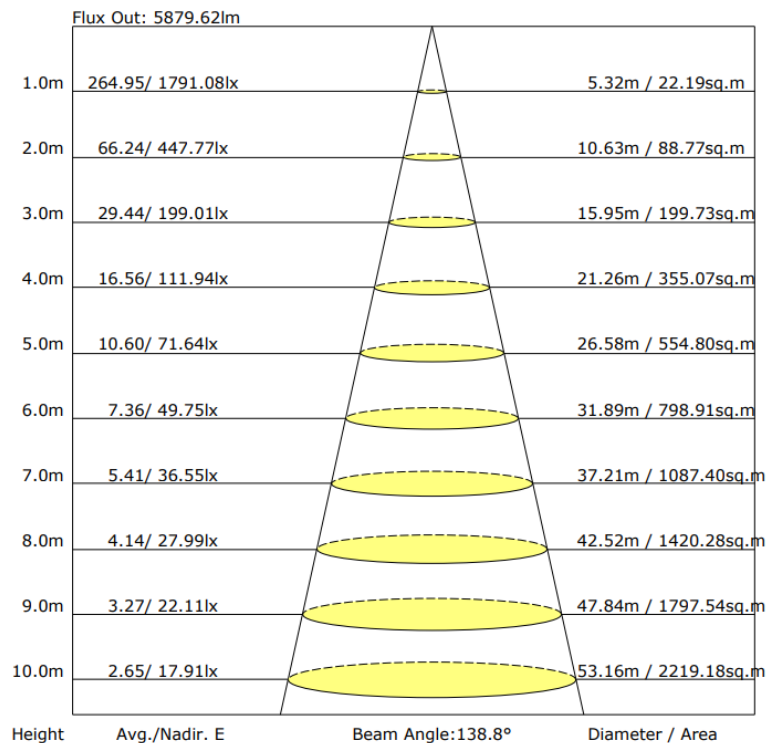
IES Classification: Type II
 Total Rated Lamp Lumens: 5949.3 lm
 Efficiency: 100%
 Upward Ratio: 0%
 C0r0 Intensity: 1791.08 cd
 Pos of Max. Intensity: H45 V28
 Beam Angle(C0/C180,C90/C270,C45/C225,C135/315): 116.2, 95.6, 89.3, 90.3

Longitudinal Classification: Very Short
 Measurement Flux: 5949.3 lm
 Downward Ratio: 100%
 Luminaire Efficacy Rating (LER): 109.96
 Max. Intensity: 3390.72 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.