



PLT-13152 - 150W, 20,066 Lumens,
5000K, White Finish

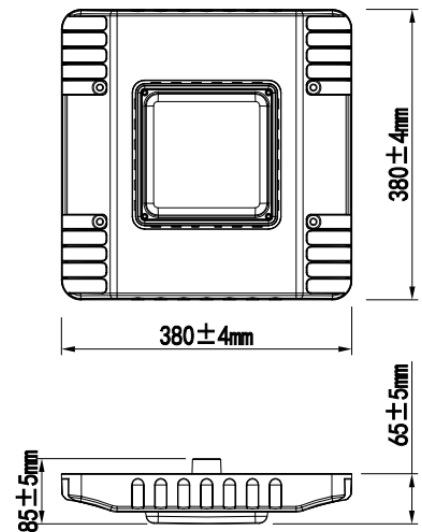
DLC 5.1 Premium - # PLTSN8B1113



DIMENSIONS

ADVANTAGE

- UL certificate, DLC 5.1 Premium
- IP65 driver, input voltage 120-277VAC.
- No UV or IR in the beam.
- Easy to install and operate.
- Energy saving, long lifespan.
- Light is soft and uniform.
- Instant start, NO flickering, NO humming.
- Green and eco-friendly without mercury.



APPLICATION

Widely used in gas stations, service stations, underground parking lots, warehouses,
garages

SPECIFICATIONS

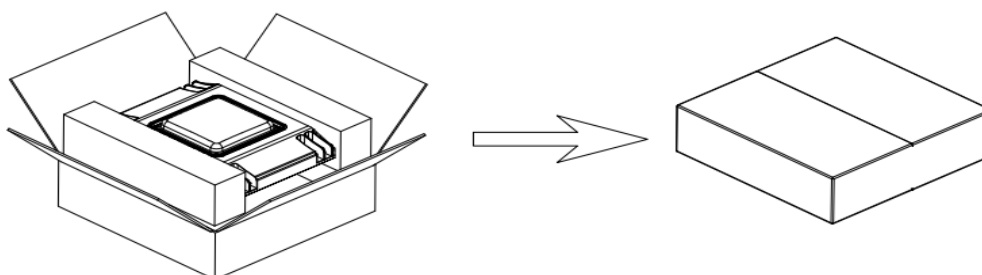
OPTICAL	Input Power (Tolerance : $\pm 10\%$)	150W			
	Color Temperature	4000K*	4500K*	5000K	5700K*
	Lumen (Tolerance : -10%)	20065LM	20139LM	20066LM	20360LM
	Efficacy (Tolerance : -3%)	134LM/W	134LM/W	135LM/W	135LM/W
	CRI	>80			
	Color Consistency	<6 Steps (or <6 SDCM)			
	BUG	B4-U3-G3			
	Diffuser Type	Clear Stripe PC			
	Beam Angle (50%) (Tolerance : $\pm 15\%$)	120 Degree			
ELECTRICAL	Input Voltage and Frequency	120-277VAC, 50/60Hz;			
	PF (Tolerance : -3%)	≥ 0.9			
	THD (Tolerance : $+5\%$)	$\leq 20\%$			
	Flicker Percent	<70%			
	Driver Brand	WeledPower			
	Driver Model	WP-CNB-150U-1A5SCPO7-Z			
	Driver Surge protection	L/N-PE: 4kV, L-N: 4kV			
	Dimming	No			
MATERIALS	LED Brand	Lumileds			
	LED Type	SMD2835 (0.5W)			
	LED QTY	468 PCS			
	Housing	Die-cast aluminum			
	Housing Color	White, or Customized*			
	Waterproof Rating	WET (IP65)			
OTHERS	Operating Temperature	-40°C TO $+45^{\circ}\text{C}$			
	Storage Temperature	-40°C TO 80°C			
	Operating Humidity	20% - 90% RH			
	Storage Humidity	10%-95% RH			
	Warranty	5 years warranty with 24/7 operating hours Luminaire lifetime at 25°C .			

*Optional CCTs and custom finishes available via Special Order. Call 1-800-624-4488.

PACKAGE

	Size	Qty/ Carton	Lamps Net Weight	Weight/ Carton
Outer box	425 x 420 x 120mm	1 PC	4.7KG	5.5KG

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



LIGHT DISTRIBUTION TESTING PARAMETERS

Luminaire Property

Luminaire Manufacturer:
Luminaire Category:
Lamp Catalog:
Number of Lamps:
Luminous Length (mm):
Luminous Height (mm):
Current: 1.248 A
Power Factor: 0.993

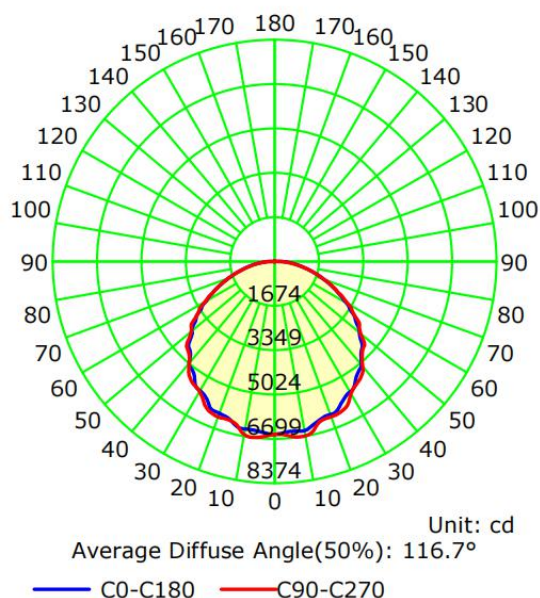
Luminaire Description:
Lamp Description:
Lumens per Lamp:
Luminous Width (mm):
Voltage: 120.0 V
Power: 148.68 W

Photometric Results

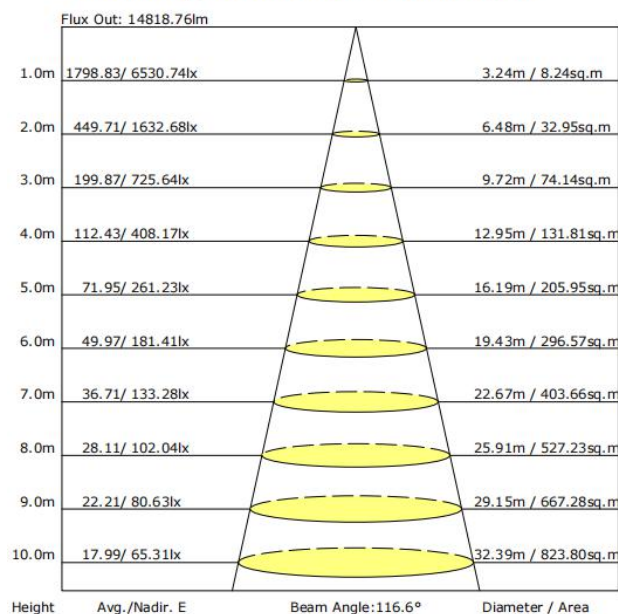
CIE Class: Direct
Measurement Flux: 20065.9 lm
Downward Ratio: 99%
Field Angle(C0/C180,C90/C270,C45/C225,C135/315): 167.4, 166.2, 168.3, 168.5
Beam Angle(C0/C180,C90/C270,C45/C225,C135/315): 116.6, 116.9, 115.0, 115.1
Luminaire Efficacy Rating (LER): 135.01
Max. Intensity: 6699.92 cd
S/MH(C0/C180): 1.30

Total Rated Lamp Lumens: 20065.9 lm
Efficiency: 100%
Upward Ratio: 1%
C0r0 Intensity: 6530.74 cd
Pos of Max. Intensity: H270 V8
S/MH(C90/C270): 1.31

Luminous Intensity Distribution Curve



The Average Illuminance Effective Figure



NOTICE FOR USER

- Please turn off power before installation or maintenance.
- Verify that supply voltage is correct by comparing it with the luminaire label information. Please make sure the wiring is insulated.
- Installation, service, and maintenance of luminaires should be performed by a qualified licensed electrician.

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.
Fixture not turning on	Check the electrical connection.