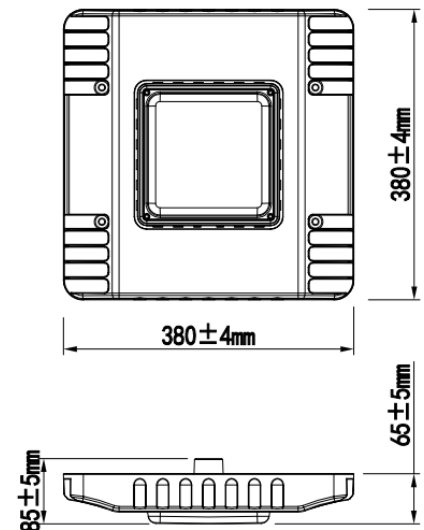




PLT-13152 - 150W, 20,066  
Lumens, 5000K, White Finish



## DIMENSIONS



## ADVANTAGE

- UL certificate.
- 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

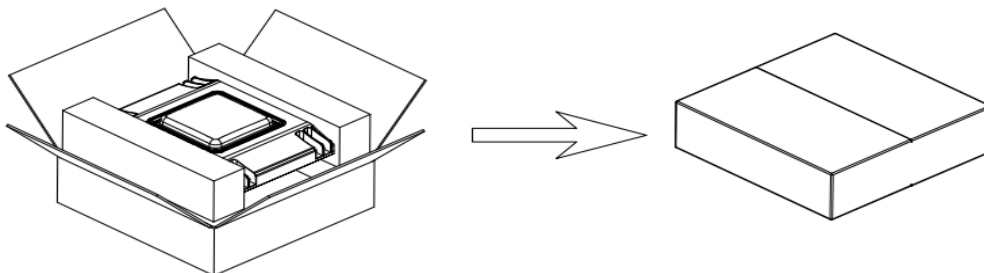
<b>OPTICAL</b>	Input Power (Tolerance : ±10%)	150W			
	Color Temperature	4000K*	4500K*	5000K	5700K*
	Lumen (Tolerance : -10%)	20065LM	20139LM	20066LM	20360LM
	Efficacy (Tolerance : -3%)	134LM/W	134LM/W	135LM/W	135LM/W
	CRI	>80			
	Color Consistency	<6 Steps (or <6 SDCM)			
	BUG	B4-U3-G3			
	Diffuser Type	Clear Stripe PC			
	Beam Angle (50%) (Tolerance : ±15%)	120 Degree			
<b>ELECTRICAL</b>	Input Voltage and Frequency	120-277VAC, 50/60Hz;			
	PF (Tolerance : -3%)	≥0.9			
	THD (Tolerance : +5%)	≤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			
<b>MATERIALS</b>	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)			
<b>OTHERS</b>	Operating Temperature	-40°C TO +45°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: ±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

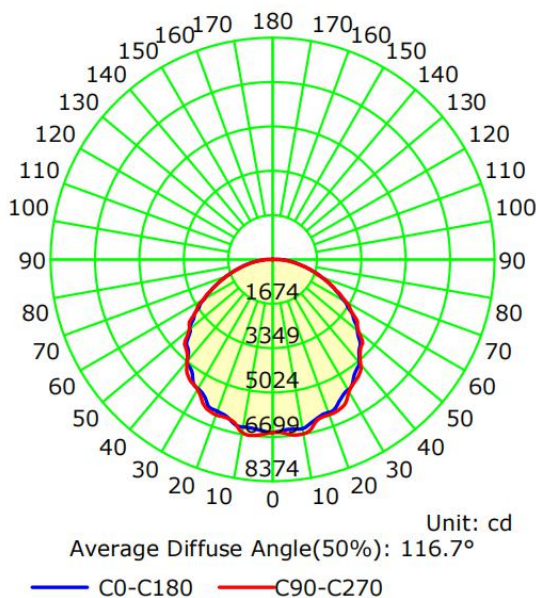
Luminaire Description:  
 Lamp Description:  
 Lumens per Lamp:  
 Luminous Width (mm):  
 Voltage: 120.0 V  
 Power: 148.68 W

### Photometric Results

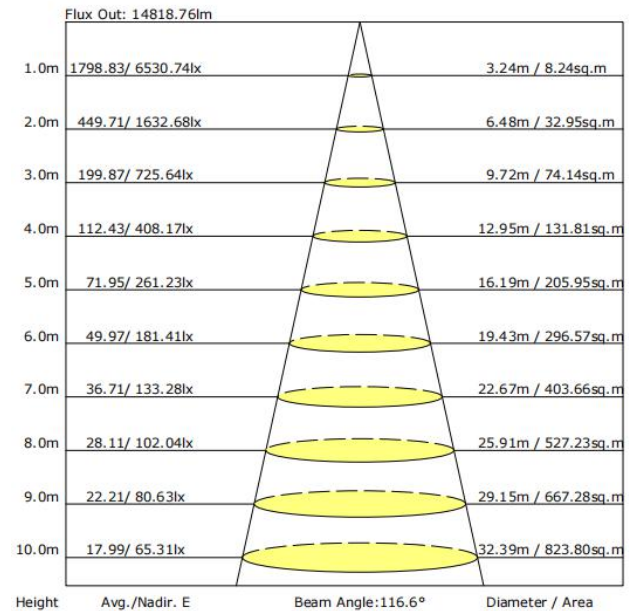
CIE Class: Direct  
 Measurement Flux: 20065.9 lm  
 Downward Ratio: 99%  
 Field Angle(C0/C180,C90/C270,C45/C225,C135/315): 167.4, 166.2, 168.3, 168.5  
 Beam Angle(C0/C180,C90/C270,C45/C225,C135/315): 116.6, 116.9, 115.0, 115.1  
 Luminaire Efficacy Rating (LER): 135.01  
 Max. Intensity: 6699.92 cd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