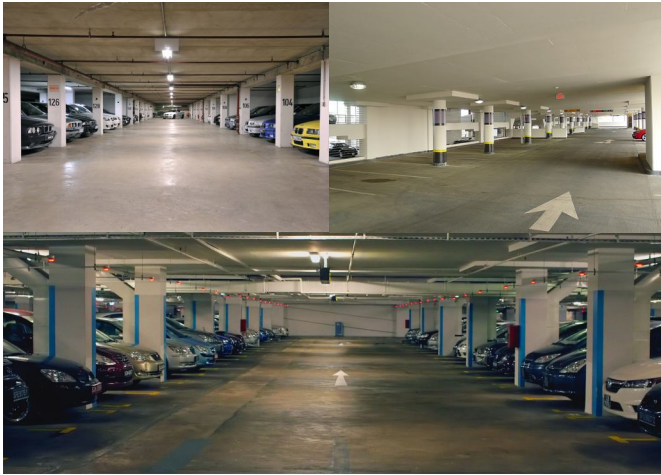


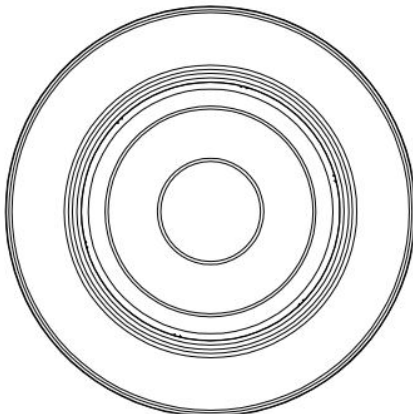
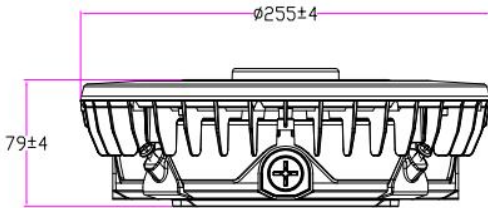


PLT-13150 - 55W, Up to 7,865 Lumens, 3000/4000/5000K, White Finish



Wattage	Voltage	CCT	LPW	LUMENS
55W	AC120V	3000K	136	7480
	AC120V	4000K	143	7865
	AC120V	5000K	139	7645

## DIMENSIONS



## ADVANTAGE

- UL.
- 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.
- Color-Tunable, can be adjusted the CCT to 3000K, 4000K and 5000K.

## APPLICATION

- ◆ Widely used in gas stations, service stations, underground parking lots, warehouses, garages;
- ◆ Work floors, factories

## SPECIFICATIONS

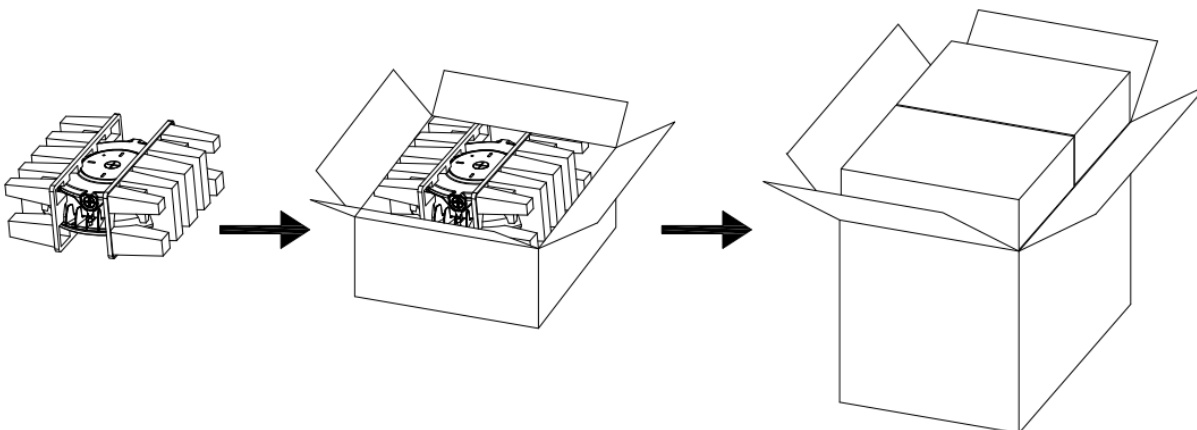
<b>OPTICAL</b>	Input Power (Tolerance : ±10%)	55W		
	Color Temperature (Color Tunable)	3000K	4000K	5000K
	Lumen (Tolerance : -10%)	7480LM	7865LM	7645LM
	Efficacy (Tolerance : -3%)	136LM/W	143LM/W	139LM/W
	CRI	>80		
	Color Consistency	<6 Steps (or <6 SDCM)		
	BUG	B3-U3-G2		
	Diffuser Type	Clear Stripe PC		
	Beam Angle (50%) (Tolerance : ±15%)	150 Degree		
<b>ELECTRICAL</b>	Input Voltage and Frequency	120-277VAC, 50/60Hz;		
	PF (Tolerance : -3%)	≥0.9		
	THD (Tolerance : +5%)	≤20%		
	Flicker Percent	<80%		
	Driver Brand	Daermay		
	Driver Model	M-060D080075		
	Driver Surge protection	L/N-PE: 4kV, L-N: 2kV		
	Dimming	1-10V dimming standard		
<b>MATERIALS</b>	LED Brand	Lumileds 2835		
	LED Type	SMD2835 (0.5W)		
	LED QTY	120 PCS 3000K+120 PCS 5000K		
	Housing	Die-cast aluminum		
	Housing Color	White, or Customized*		
	Waterproof Rating	WET (IP65)		
<b>OTHERS</b>	Operating Temperature	-30°C TO +50°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.		

\*Custom finish options available via Special Order. Call 1-800-624-4488.

## PACKAGE

	Size	Qty / Carton	Net Weight / Carton	Gross Weight / Carton
Inner box	300*300*140 mm	1 PCS	1.69 KG	2.15 KG
Outer box	320*300*320 mm	2 PCS	3.38 KG	5.1 KG

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: 0.455 A  
 Power Factor: 0.988

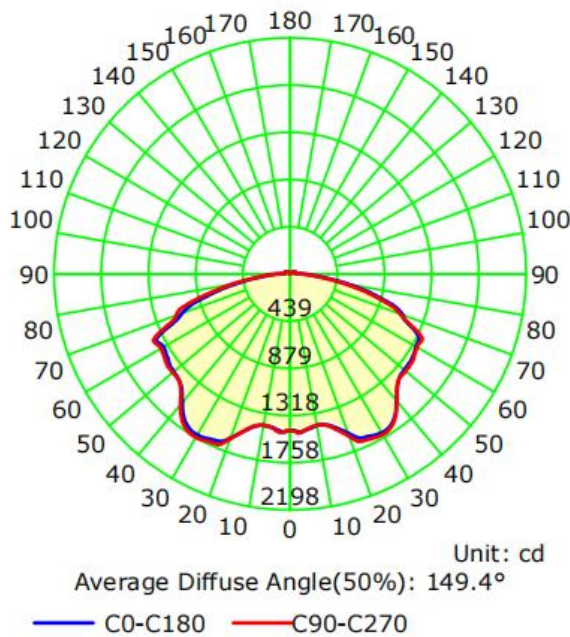
Luminaire Description:  
 Lamp Description:  
 Lumens per Lamp:  
 Luminous Width (mm):  
 Voltage: 120.0 V  
 Power: 54.08 W

### Photometric Results

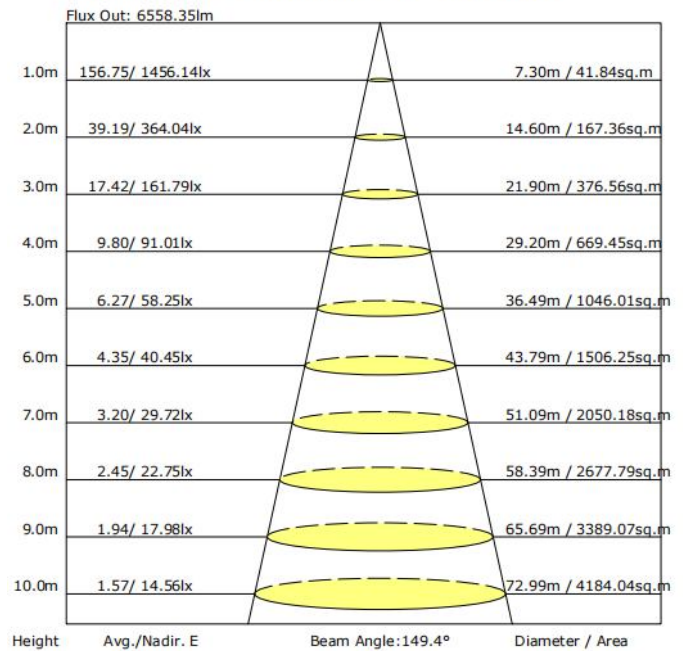
CIE Class: Direct  
 Measurement Flux: 7500.8 lm  
 Downward Ratio: 97%  
 Field Angle(C0/C180,C90/C270,C45/C225,C135/315): 175.3, 175.3, 175.2, 174.9  
 Beam Angle(C0/C180,C90/C270,C45/C225,C135/315): 149.4, 149.4, 149.0, 149.3  
 Luminaire Efficacy Rating (LER): 138.75  
 Max. Intensity: 1758.66 cd  
 S/MH(C0/C180): 1.64

Total Rated Lamp Lumens: 7500.8 lm  
 Efficiency: 100%  
 Upward Ratio: 3%  
 C0r0 Intensity: 1456.14 cd  
 Pos of Max. Intensity: H270 V30  
 S/MH(C90/C270): 1.65

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 luminaries 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.