



PLT-13151 Color Selectable LED Canopy Owner’s Manual

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PLT-13151 Color Selectable LED
Canopy Owner's Manual

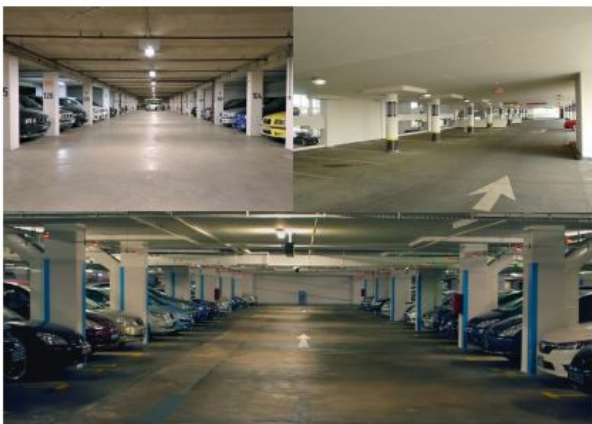


PLT-13151 - Color Selectable LED Canopy

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PLT-13151 - 100W, Up to 14,600 Lumens,
3000/4000/5000K, White Finish

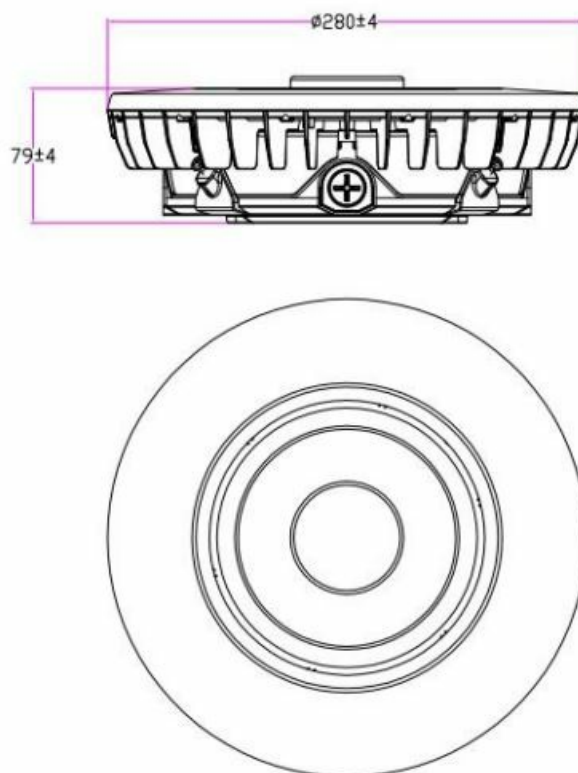


| Wattage | Voltage | CCT | LPW | LUMENS |
|---------|---------|-------|-----|--------|
| 100W | AC120V | 3000K | 138 | 13800 |
| | AC120V | 4000K | 146 | 14600 |
| | AC120V | 5000K | 141 | 14100 |

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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

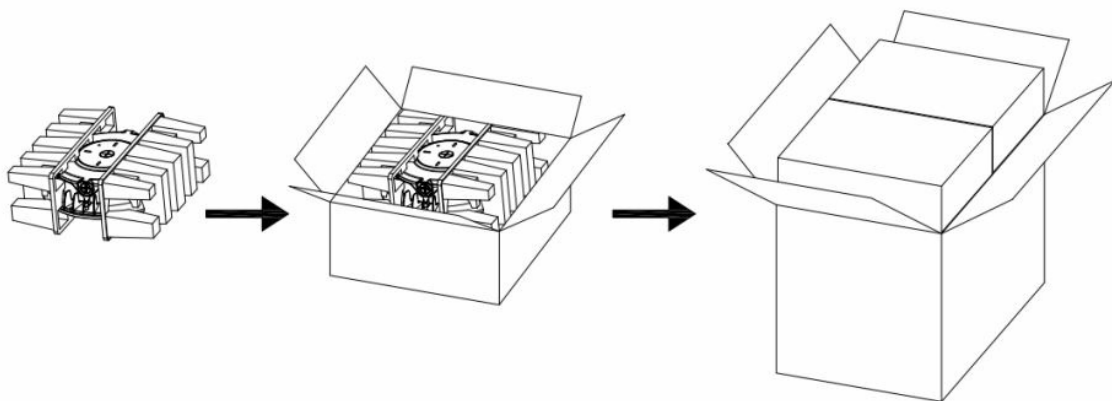
| | | | | |
|------------|-------------------------------------|---|----------------|----------------|
| OPTICAL | Input Power (Tolerance : ±10%) | 100W | | |
| | Color Temperature (Color Tunable) | 3000K | 4000K | 5000K |
| | Lumen (Tolerance : -10%) | 13800LM | 14600LM | 14100LM |
| | Efficacy (Tolerance : -3%) | 138LM/W | 146LM/W | 141LM/W |
| | CRI | >80 | | |
| | Color Consistency | <6 Steps (or <6 SDCM) | | |
| | BUG | B3-U3-G3 | | |
| | Diffuser Type | Clear Stripe PC | | |
| | Beam Angle (50%) (Tolerance : ±15%) | 150 Degree | | |
| ELECTRICAL | 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-100D100 | | |
| | Driver Surge protection | L/N-PE: 3kV, L-N: 3kV | | |
| | Dimming | 1-10V dimming standard | | |
| MATERIALS | LED Brand | Lumileds 2835 | | |
| | LED Type | SMD2835 (0.5W) | | |
| | LED QTY | 240 PCS 3000K+240 PCS 5000K | | |
| | Housing | Die-cast aluminum | | |
| | Housing Color | White, or Customized* | | |
| | Waterproof Rating | WET (IP65) | | |
| OTHERS | Operating Temperature | -30℃ TO +50℃ | | |
| | Storage Temperature | -40℃ TO 80℃ | | |
| | Operating Humidity | 20% - 90% RH | | |
| | Storage Humidity | 10%-95% RH | | |
| | Warranty | 5 years warranty with 24/7 operating hours Luminaire lifetime at 25℃. | | |

*Custom finish options available via Special Order. Call 1- [800-624-4488](tel:8006244488).

PACKAGE

| | Size | Qty / Carton | Net Weight / Carton | Gross Weight / Carton |
|-----------|---------------|--------------|---------------------|-----------------------|
| Inner box | 325*325*140MM | 1 PCS | 2.1 KG | 2.58 KG |
| Outer box | 345*300*345MM | 2 PCS | 4.2 KG | 6.16 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: 0.843 A
Power Factor: 0.988

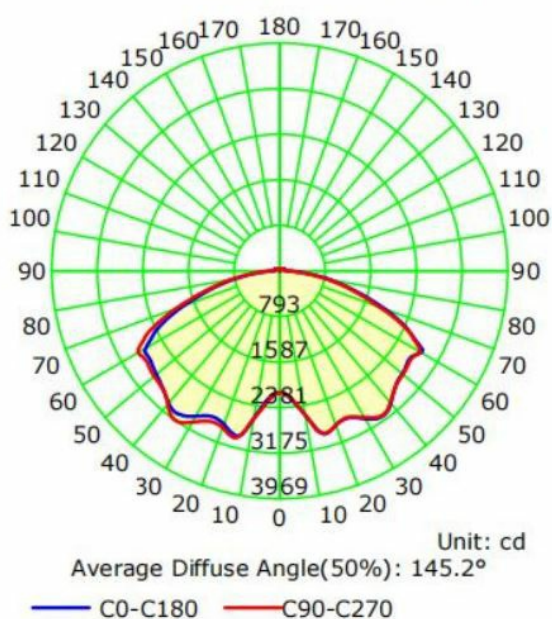
Luminaire Description:
Lamp Description:
Lumens per Lamp:
Luminous Width (mm):
Voltage: 120.0 V
Power: 100.13 W

Photometric Results

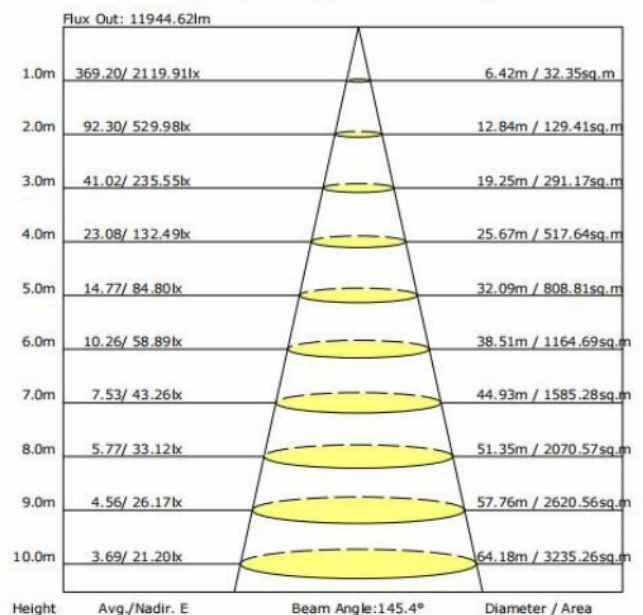
CIE Class: Direct
Measurement Flux: 13799 lm
Downward Ratio: 97%
Field Angle(C0/C180,C90/C270,C45/C225,C135/315): 172.9, 172.8, 172.9, 172.7
Beam Angle(C0/C180,C90/C270,C45/C225,C135/315): 145.4, 145.1, 145.5, 145.2
Luminaire Efficacy Rating (LER): 137.86
Max. Intensity: 3175.37 cd
S/MH(C0/C180): 1.95

Total Rated Lamp Lumens: 13799.0 lm
Efficiency: 100%
Upward Ratio: 3%
C0r0 Intensity: 2119.91 cd
Pos of Max. Intensity: H270 V35
S/MH(C90/C270): 1.95

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. |

Documents / Resources



[PLT PLT-13151 Color Selectable LED Canopy \[pdf\] Owner's Manual](#)
PLT-13151, PLT-13151 Color Selectable LED Canopy, Color Selectable LED Canopy, Selectabl
e LED Canopy, LED Canopy

References

- [User Manual](#)

[Manuals+](#). [Privacy Policy](#)

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