

45W & 80W LED Canopy Luminaires

Prefix: CPLED-TH

The CPLED-TH LED canopy light is an ideal solution for illuminating parking garages, storage areas, stairwells, and other applications requiring a low-profile luminaire that can be surface or pendant mounted. With a die cast aluminum housing and a polycarbonate lens, the CPLED will stand up to many years of punishing environmental conditions. High-efficacy, long-life LEDs provide both energy and maintenance cost savings compared to traditional canopy lights with HID, fluorescent or incandescent lamps.



project:

fixture type:

catalog #:

quantity:



ORDERING GUIDE

	-	<b>5K</b>	-	<b>MV-TH</b>
MODEL		COLOR TEMPERATURE		DRIVER
<p><b>CPLED-45W</b> - 45 Watt LED Canopy Luminaire  <b>CPLED-80W</b> - 80 Watt LED Canopy Luminaire</p>		<p><b>5K</b> - 5000k</p>		<p><b>MV-TH</b> - Universal 120-277 AC Voltage Driver (50-60Hz)</p>

FEATURES

- Available in 5000k (cool white) color temperature.\*
- Long-life LEDs provide 60,000 hours of operation with at least 70% of initial lumen output (L<sub>70</sub>).\*\*
- CPLED-TH-45W delivers 4,948 lumens (112 lumens per watt, LPW), and CPLED-TH-80W delivers 9,548 lumens (120 LPW).\*
- Universal 120-277 AC voltage (50-60Hz) is standard.
- 0-10vdc dimming capability is standard.
- Power factor > 0.90.
- Total harmonic distortion < 20%.
- Color rendering index > 80.
- 10kV surge protector is standard.
- Die cast aluminum housing with durable, dark bronze, powder coat paint.
- Polycarbonate lens.
- Removable, threaded plugs for side attachment of 1/2" rigid electrical conduit.

- Optional PIR (passive infrared) occupancy sensors are available (contact factory for details).
- Easy installation in new construction or retrofit.

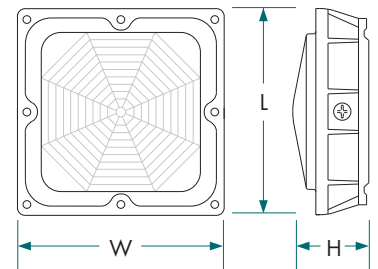
WARRANTY & LISTINGS

- cULus listed for damp locations in ambient temperatures from -40°C to 40°C (-40°F to 104°F).
- IP65 rated
- DLC approved.
- Complies with FCC Part 15, class B.
- 5-year warranty of all electronics and housing.

MOUNTING OPTIONS

- Junction box mounting plate is standard.
- Luminaire can also be directly surface-mounted to canopies by removing the lens, drilling holes in the cast housing, and screwing the luminaire to the canopy.
- Threaded hole on back of luminaire for 3/4" rigid electrical conduit also provides for pendant-mounting.

Dimensions



Model	L	W	H	Weight
CPLED-45W	10"	10"	3 5/8"	5.6 lbs
CPLED-80W	14"	14"	4"	10.0 lbs

\* Contact factory for other color temperatures and lumen packages

\*\* L<sub>70</sub> hours are IES TM-21-11 calculated hours.

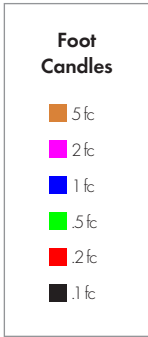
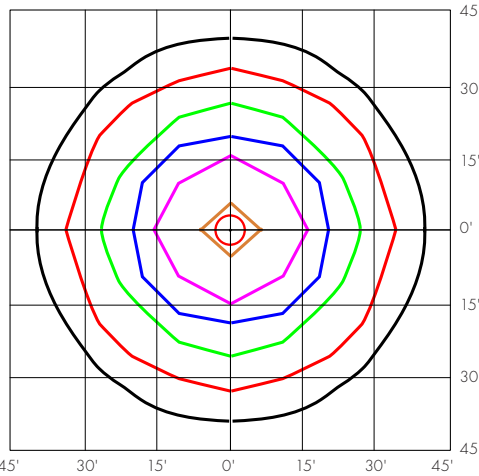
**Electrical Data**

Model	Color Temp.	CRI <sup>1</sup>	Luminaire Lumens	Luminaire Watts	Lumens/Watt	Input Voltage <sup>2</sup>	Input Current			Power Factor	THD <sup>3</sup>	L <sub>70</sub> Hours <sup>4</sup>
							120V	240V	277V			
CPLED-45W-5K-MV-TH	5000k	>80	4,948	44	112	120-277	0.37	0.18	0.16	>90%	<20%	62,000
CPLED-80W-5K-MV-TH	5000k	>80	9,548	80	120	120-277	0.67	0.33	0.29	>90%	<20%	60,000

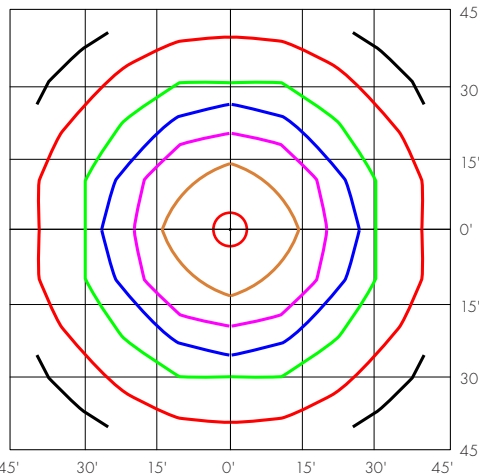
<sup>1</sup> Color rendering index. <sup>2</sup> All 50-60Hz. <sup>3</sup> Total harmonic distortion. <sup>4</sup> L<sub>70</sub> refers to the number of hours at which lumen output declines to 70% of the initial level. L<sub>70</sub> hours are IES TM-21-11 calculated hours.

**Photometric Data**

CPLED-45W-5K-MV-TH (4,948 Lumens)



CPLED-80W-5K-MV-TH (9,548 Lumens)



BUG Rating: B2-U2-G1

Zone	Lumens	% Luminaire
FL - Front-Low (0-30)	673	14%
FM - Front-Medium (30-60)	1,252	25%
FH - Front-High (60-80)	454	9%
FVH - Front-Very High (80-90)	80	2%
<b>Total Forward Light</b>	<b>2,458</b>	<b>50.0%</b>
BL - Back-Low (0-30)	672	14%
BM - Back-Medium (30-60)	1,259	25%
BH - Back-High (60-80)	462	9%
BVH - Back-Very High (80-90)	79	2%
<b>Total Back Light</b>	<b>2,472</b>	<b>50.0%</b>
UL - Up-Low (0-30)	8	0%
UM - Up-Medium (30-60)	10	0%
<b>Total Up Light</b>	<b>18</b>	<b>0%</b>
<b>TOTAL LUMENS</b>	<b>4,948</b>	<b>100%</b>

BUG Rating: B3-U2-G2

Zone	Lumens	% Luminaire
FL - Front-Low (0-30)	1,290	14%
FM - Front-Medium (30-60)	2,396	25%
FH - Front-High (60-80)	918	10%
FVH - Front-Very High (80-90)	152	2%
<b>Total Forward Light</b>	<b>4,757</b>	<b>50.0%</b>
BL - Back-Low (0-30)	1,296	14%
BM - Back-Medium (30-60)	2,407	25%
BH - Back-High (60-80)	909	10%
BVH - Back-Very High (80-90)	145	2%
<b>Total Back Light</b>	<b>4,757</b>	<b>50.0%</b>
UL - Up-Low (0-30)	17	0%
UM - Up-Medium (30-60)	18	0%
<b>Total Up Light</b>	<b>35</b>	<b>0%</b>
<b>TOTAL LUMENS</b>	<b>9,548</b>	<b>100%</b>

Notes: (1) Isofootcandle plots depict initial footcandles at grade.  
(2) Gridlines represent units of mounting height of 15 feet.