

# CPHL

## Canopy Luminaire High Lumen

<b>Project:</b>	
<b>Type:</b>	
<b>Catalog #:</b>	



### STANDARDS



### HOUSING

- Premium powder-coat, die cast aluminum, White housing.

### ELECTRICAL

- Operating temperature (ambient): -40°C to 45°C (-40°F to 113°F) .
- Universal 120-277 AC voltage (50-60Hz) is standard.
- 0-10V DC dimming drivers are standard.
- Input transient surge protection = 6kV.
- PF > 0.9; THD < 20%.

### OPTICAL SYSTEM

- Polycarbonate lens.
- 5000K (cool white) color temperatures.\*
- Provides a range of 19,000 to 27,000 nominal lumens.\*
- Long-life LEDs provide 173,000 hours of operation with at least 70% of initial lumen output (L70), and 52,000 hours with at least 90% of initial lumen output (L90).\*\*
- LED chromaticity based on < 6-step ANSI quadrangles.
- Color Rendering Index > 80.

\* Default kelvin temperature 4000k and highest lumen output.  
\*\* L70 & L90 hours are IES TM-21-11 calculated hours.

### MOUNTING

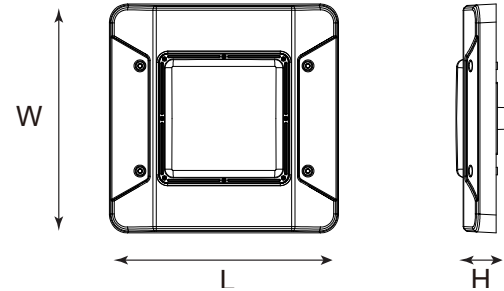
- Surface mounting.

### CODE COMPLIANCE

- cULus listed for wet locations.
- DLC premium listed.
- Complies with FCC Part 15, class A.
- IP65 rated for ingress protection.

### WARRANTY

- 5 year warranty on all electronics and housing.



Model #	L (in)	W (in)	H (in)	Weight (lbs)
CPHL-272219L-5K	15	15	3.26	10.83

### ORDERING INFORMATION

Example: CPHL-272219L-5K

Model	Nominal Lumen Output (selectable)		Kelvin (selectable)	
	CPHL	272219L	27,000/ 22,000/ 19,000 lm	5K

## LUMEN TABLES

Series	Measurements	Low Lumen	Mid Lumen	High Lumen
		5000K	5000K	5000K
CPHL-272219L-5K	Lumens	19,553	22,366	27,385
	Watt	120.2	139.4	177.3
	Efficacy	162.67	160.44	154.46

## ELECTRICAL DATA

Series	CCT	Input Amps (A)								
		Low Lumen			Mid Lumen			High Lumen		
		120V	240V	277V	120V	240V	277V	120V	240V	277V
CPHL-272219L-5K	5000K	1.0	0.5	0.43	1.16	0.58	0.50	1.48	0.74	0.64

## PHOTOMETRICS

### CPHL-272219L-5K

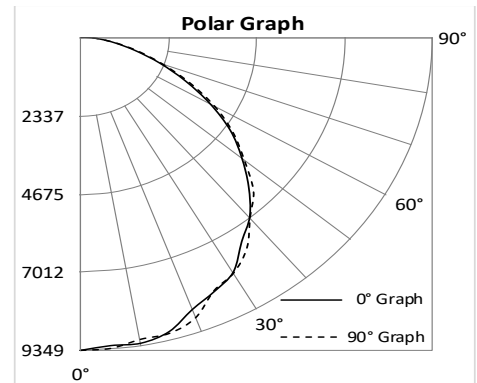
#### Luminaire Data

Description	High Lumen Canopy 5K, Lumen Selectable
Total Lumens	27,385
Input Wattage	177
Efficacy (lm/W)	154
Spacing Criterion (0-180°)	1.28
Spacing Criterion (90-270°)	1.3

Photometric calculated at highest lumen setting.

#### Zonal Lumen Summary

Zone	Lumens	%Fixt
0-20°	3,425	12.5%
0-30°	7,319	26.7%
0-40°	12,071	44.1%
20-50°	13,579	49.6%
40-70°	12,464	45.5%
0-60°	21,364	78.0%
0-80°	26,280	96.0%
0-90°	26,964	98.5%
90-180°	421	1.5%
0-180°	27,385	100.0%



## COMPATIBLE DIMMERS AND CONTROLS

Manufacturer	Model Number	Dimmer Range	Load Switching Capacity
Best Lighting	DWS-010V-T	10%-100%	600W
Best Lighting	DWS-010V-D	10%-100%	600W
Leviton	IP710-LFZ	10%-100%	1200W
Lutron	DVSTV	10%-100%	450W