

ECPHL

Canopy Luminaire High Lumen

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.

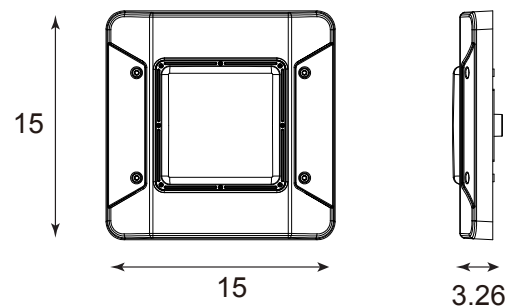
** L70 & L90 hours are IES TM-21-11 calculated hours.

MOUNTING: Surface mounting.

CODE COMPLIANCE:

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

WARRANTY: 5 year warranty on all electronics and housing.



Weight (lbs)
10.83

ORDERING INFORMATION Example: ECPHL-272219L-5K

Model	Nominal Lumen Output (selectable)		Kelvin (selectable)	
ECPHL	272219L	27,000/ 22,000/ 19,000 lm	5K	5000K

LUMEN TABLES

Series	Measurements	Low Lumen	Mid Lumen	High Lumen
		5000K	5000K	5000K
ECPHL-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
ECPHL-272219L-5K	5000K	1.0	0.5	0.43	1.16	0.58	0.50	1.48	0.74	0.64

PHOTOMETRICS

EPCHL-272219L-5K

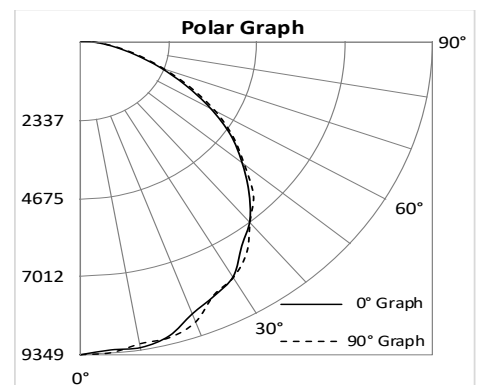
Luminaire Data

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