

ECPSR

Canopy Luminaire Sensor Ready

HOUSING: Premium powder-coat, die cast aluminum, Bronze or 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
- Integrated photocell is standard. Photocell can be enabled or disabled b switch.
- Input transient surge protection = 6kV
- PF > 0.9; THD < 20%

OPTICAL SYSTEM:

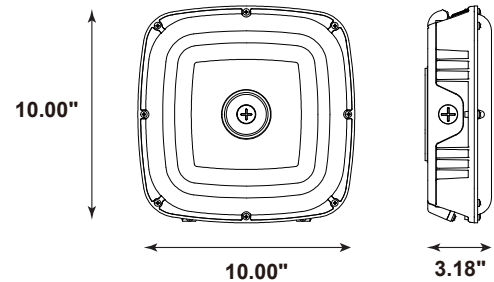
- Polycarbonate lens
- Field selectable 3000K (warm white), 4000K (neutral white) and 5000K (cool white) color temperatures.*
- Provides a range of 3,000 to 12,000 nominal lumens.
- Long-life LEDs provide 167,000 hours of operation with at least 70% of initial lumen output (L70), and 51,000 hours with at least 90% of initial lumen output (L90).**
- Beam angle 135°
- Screw in sensor ready. Sensor and remote control sold separately. Remote control required to change factory sensor settings.
- LED chromaticity based on < 6-step ANSI quadrangles
- LED color maintenance < - 0.0024 chromaticity shift ($\Delta u'v'$) over the initial 6,000 hours of operation.
- 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.

WARRANTY: 5 year warranty on all electronics and housing.



Weight (lbs)
4.69

CODE COMPLIANCE:

- cULus listed for wet locations.
- DLC premium listed
- Complies with FCC Part 15, class A.
- IP65 rated for ingress protection.
- IK10 rated for impact protection.



ORDERING INFORMATION

Example: ECPSR-1210863L-3CCT-WHT

Model	Nominal Lumen Output (selectable)		Kelvin (selectable)		Housing Color
ECPSR	1210863L	12,000/ 10,000/ 8,000/ 6,000/ 3,000 lm	3CCT	3000/ 4000/ 5000K	BRZ Bronze WHT White

ACCESSORIES (ORDER SEPARATELY)

Sensor

- HD09VR-PH5-1 = Passive infrared sensor - maximum mounting height = 39 FT
 - HD09VR-MH5-1 = Microwave step-dimming sensor - maximum mounting height = 49 FT
 - HD05R = Remote control for HD09VR series Sensors (required to change factory settings)
- *HD09VR series has 5-dial setting capability.**

Factory settings for Sensor : detection area = 100%, hold time = 5 sec, stand-by period = 0 sec, stand-by dimming level = 10%, daylight threshold = disabled

LUMEN TABLES

Series	Measurements	20W			40W			60W		
		3000K	4000K	5000K	3000K	4000K	5000K	3000K	4000K	5000K
ECPSR-1210863L-3CCT	Lumens	3,334	3,393	3,549	6,406	6,701	6,819	8,319	8,808	8,892
	Watt	20.16	19.92	20.28	39.71	38.86	39.9	53.27	51.75	53.63
	Efficac	165.38	170.33	175.00	161.32	172.44	170.90	156.17	170.20	165.80

Series	Measurements	68W			75W		
		3000K	4000K	5000K	3000K	4000K	5000K
ECPSR-1210863L-3CCT	Lumens	9,539	10,143	10,153	10,938	11,715	11,556
	Watt	62.34	60.21	62.61	72.95	70.36	72.95
	Efficac	153.02	168.46	162.16	149.94	166.50	158.41

ELECTRICAL DATA

Series	CCT	Input Amps (A)														
		20W			40W			60W			68W			75W		
		120V	240V	277V	120V	240V	277V	120V	240V	277V	120V	240V	277V	120V	240V	277V
ECPSR-1210863L-3CCT	3000K	0.17	0.08	0.07	0.33	0.17	0.14	0.44	0.22	0.19	0.52	0.26	0.23	0.61	0.30	0.26
	4000K	0.17	0.08	0.07	0.32	0.16	0.14	0.43	0.22	0.19	0.50	0.25	0.22	0.59	0.29	0.25
	5000K	0.17	0.08	0.07	0.33	0.17	0.14	0.45	0.22	0.19	0.52	0.26	0.23	0.61	0.30	0.26

PHOTOMETRICS

ECPSR-1210863L-3CCT

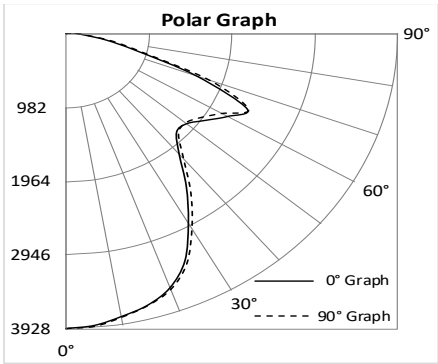
Luminaire Data

Description	Canopy, Sensor Ready CCT and 4000K Select
Total Lumens	44,715
Input Wattage	70
Efficacy (lm/W)	167
Spacing Criterion (0-180°)	1.14
Spacing Criterion (90-270°)	1.16

Photometric calculated at 4000k and highest lumen setting.

Zonal Lumen Summary

Zone	Lumens	%Fixt
0-20°	1,432	12.2%
0-30°	3,003	25.6%
0-40°	4,674	39.9%
20-50°	4,723	40.3%
40-70°	4,973	42.5%
0-60°	7,683	65.6%
0-80°	11,036	94.2%
0-90°	11,514	98.3%
90-180°	201	1.7%
0-180°	11,715	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