

Canopy Luminaire Sensor Ready

FEATURES

- **Emergency lighting with adjustable Emergency Lighting Control (ELC), powered from a Signtex low-voltage central battery system.**
- Available with factory-installed UL Listed Emergency Lighting Control (ELC), for connection to a Signtex central battery, DC emergency power system.
- Premium powder-coat, die cast aluminum, Bronze or White housing
- 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.
- 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 by switch.
- Input transient surge protection = 6kV.
- PF > 0.9; THD < 20%
- Surface mounting.

CODES

- 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.

* Default kelvin temperature 4000k and highest lumen output.

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

PROJECT:

TYPE:

CATALOG #:

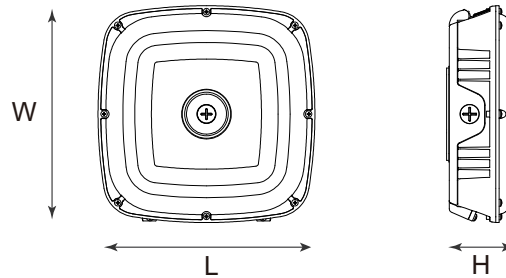
emLITE

Series CPS

REV #: CPS.04.26.01



DIMENSIONS



Model #	L (in)	W (in)	H (in)	Weight (lbs)
CPS-12L-SLSK	10	10	3.18	4.69

WARRANTY

- 5 year total customer satisfaction warranty. For details see Signtex product catalog technical data section.

STANDARD

OPTIONS



FIXTURE ORDERING INFORMATION EXAMPLE: CPS-12L-SLSK-WHT-MV-ELC40P7

CPS 12L SLSK WHT MV ELC40P4

SERIES	SIZE	SELECTABLE ¹		HOUSING COLOR	VOLTAGE	OPTIONS
		NOMINAL LUMENS	COLOR TEMP			
CPS	12L	SL 12,000/ 10,000/ 8,000 / 6,000/ 3,000 lm	SK 3000K 4000K 5000K	BRZ Bronze WHT White	MV 120-277VAC	ELCXXP4 ² Emergency Lighting Control **"XX"= Varies with fixture size and power. See Options table for complete part number

¹ Nominal values, See Electrical data for specific values.
² See ELC Power details table, Page2,

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EMERGENCY LIGHTING CONTROLS (ELC)

For use with Signtex Lighting DC Central Battery System

MODEL	ELC10P4		ELC40P4	
	EPR ¹ WATTS (MIN.)	EM LUMENS ²	EPR WATTS (MAX.) ³	EM LUMENS
CPS-12L	10	1690	40	6,760

NOTE:

Emergency lumens are calculated based on efficacy in the MID-LUMEN range (4000K) from the Electrical Data Table. The value is adjustable through the EPR range shown above. For maximum efficiency, EPR should be set at the minimum level for compliance with NFPA Life Safety Code, based on photometric data for the fixture when installed.

To calculate lumen output within the EPR range given:

$$\text{Lumens} = \text{EPR (watts)} \times \text{Luminaire Efficacy (Lm/watt)}$$

¹ Emergency power rating (Factory Adjustable).

² Nominal output at 4000K and Efficacy in Mid-Lumen Range.

³ Maximum Emergency Power Rating (EPR).

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

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

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
CPS-12L-SLSK	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

LUMEN TABLES

Series	Measurements	20W			40W			60W		
		3000K	4000K	5000K	3000K	4000K	5000K	3000K	4000K	5000K
CPS-12L-SLSK	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
	Efficacy	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
CPS-12L-SLSK	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
	Efficacy	153.02	168.46	162.16	149.94	166.50	158.41

PHOTOMETRICS

CPS-12L-SLSK

Luminaire Data

Description	Canopy, Sensor Ready CCT and Lumen Select
Total Lumens	11,715
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%

