

Project		Catalog #		Type	
Prepared by		Notes		Date	



Lumark AP

CLCS Canopy

Surface / Canopy Luminaire

Product Features



DUSK-TO-DAWN

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Product Certifications

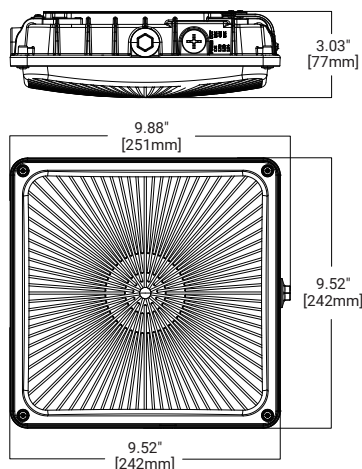


Quick Facts

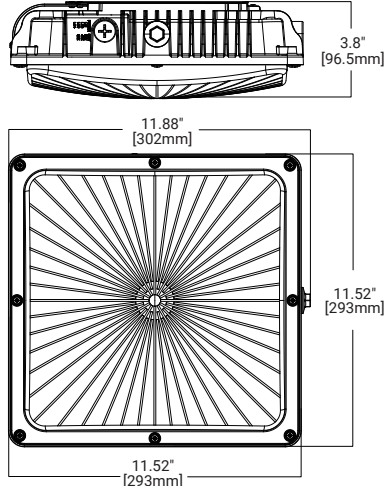
- Selectable configurations available across 2 housing sizes
- Dusk to dawn capability with ON/OFF photocontrol
- Lumen packages range: 3,400 - 8,200 lm for 60W and 7,300 - 17,600 lm for 120W fixture.
- Replaces 150W up to 300W HID equivalent
- Efficacies up to 157 lumens per watt at maximum output
- Energy and maintenance savings up to 86% versus HID solutions

Dimensional Details

CLCS15S-PC



CLCS30S-PC



Stock Ordering Information

Catalog Logic	Description			
Model Number ¹	Lumens / Wattage	Color Temperature	Voltage	Controls
CLCS15S-PC =Small LED Canopy	Selectable Lumens: 3,400-8,200 / 24-60W	Selectable CCT: 3000,4000,5000K / 80CRI	120-347V, 50/60Hz	Factory-installed button-type photocontrol
CLCS30S-PC =Large LED Canopy	Selectable Lumens: 7,300 - 17,600 / 50-120W	Selectable CCT: 3000,4000,5000K / 80CRI	120-347V, 50/60Hz	Factory-installed button type photocontrol

NOTES:
¹. DesignLights Consortium® Qualified. Refer to www.designlights.org Qualified Products List under Family Models for details.

Product Specifications

Construction

- Die-cast aluminum housing with four 1/2" NPT side conduit entries
- Tethered, quick mount plate for surface or junction box mounting
- Pendant mount via 3/4" NPT pipe (not supplied)

Optics

- UV-resistant polycarbonate lens

Electrical

- Selectable SKUs offer 4 wattages selections (100%-80%-60%-40%) and 3 CCTs (3000, 4000, 500K). Default settings are highest wattage and 4000K CCT.

- Operating temperature range: -40°C to +40°C
- >0.9 power factor
- <20% total harmonic distortion
- 0-10V dimming driver is standard

Controls

- An Intergrated button type photocontrol for dust-to-dawn operation. You can disable photocontrol with sensor cap provided separately (in PE bag).
- Fixture turn ON : <30 lux
- Fixture turn OFF : > 120 lux
- Photosensitive wavelength: 700~1100nmv

Typical Applications

- Bank and pharmacy drive-thrus, covered side walks, hospitality, and healthcare entryways

Finish

- Standard color is bronze

Shipping Data

- CLCS15S-PC: 3.79 lbs. (1.72 kgs)
- CLCS30S-PC: 7.51 lbs (3.40 kgs)

Warranty

- Five-year limited warranty. Consult website for details. www.cooperlighting.com/legal

Energy and Performance Data

Power and Lumens



Light Engine	CLCS15S-PC				CLCS30S-PC			
	(Set to 24W)	(Set to 36W)	(Set to 49W)	(Set to 60W)	(Set to 50W)	(Set to 76W)	(Set to 100W)	(Set to 120W)
Power (Watts)	24.51	36.47	49.09	56.75	50.80	76.32	100.98	119.8
Input Current @ 120V (A)	0.208	0.310	0.417	0.478	0.432	0.649	0.859	0.993
Input Current @ 277V (A)	0.090	0.134	0.181	0.215	0.187	0.281	0.372	0.950
Input current @ 347V (A)	0.072	0.107	0.144	0.177	0.149	0.224	0.297	0.921

Color Temperature

3000K CCT	Lumens	3,430	4,970	6,290	7,579	7,330	10,750	13,600	16,387
	BUG Rating	B1-U3-G1	B2-U3-G2	B2-U3-G2	B3-U3-G2	B3-U3-G2	B3-U3-G3	B3-U3-G3	B3-U3-G3
	Lumens per Watt	140	136	128	127	144	141	135	132
4000K CCT	Lumens	3,710	5,370	6,800	8,250	7,990	11,590	14,660	17,659
	BUG Rating	B2-U1-G1	B2-U1-G2	B2-U1-G2	B3-U1-G2	B3-U3-G3	B3-U3-G3	B3-U3-G3	B3-U3-G3
	Lumens per Watt	151	147	138	145	157	152	145	147
5000K CCT	Lumens	3,650	5,290	6,820	8,082	7,780	11,290	14,280	17,157
	BUG Rating	B2-U3-G1	B2-U3-G2	B2-U3-G2	B3-U3-G2	B3-U3-G3	B3-U3-G3	B3-U3-G3	B3-U3-G4
	Lumens per Watt	149	145	139	136	153	148	141	139

Lumen Maintenance

Configuration (Up to 40°C)	TM-21 Lumen Maintenance (50,000 Hours)	Theoretical L70 (Hours)
Up to 60W	88.34%	>90,000
Up to 120W	88.34%	>90,000