

MCP05 and MCP07 SERIES - LED Canopy Light

The MCP05 and MCP07 SERIES - LED Canopy Light, Up to 141 lm/W, IP65 Wet Location, 0-10V Dimmable, Premium Outdoor Luminaire, Smart Sensor Ready.

Project:
Date:
Catalog No:
Prepared By:

Premium Features

Lumen Output	3800 to 8000 lumens
Efficacy	Up to 141 lm/W
Input Voltage	120-277V
Dimmable	Non-Dimmable or 0-10V Models
CCT	4000K, 5000K, Select (3000K, 4000K, 5000K)
IP Rating	IP65 Wet Location
Warranty	5 Years

Applications

Premium outdoor luminaire for surface mounting in ceiling spaces less than 25 feet. Suitable for general storage, cold storage, parking garages, and canopies.

Construction

Manufactured for weather-proof durability using solid heavy duty die cast aluminum housing with anti-UV polyester coating to resist water, salt, corrosion, discoloration, and scratching. IP65 Wet Location rated for dust-tight, water jets: IEC 60529.

Electrical

Input voltages 120-277V with Non-Dimmable or 0-10V Continuous Dimming models. Single Power and CCT models available. 4-Wattage and 3-CCT Tunable models available. Operating temperatures -40°F to 104°F (-40°C to 40°C).

Mounting

Surface mounted installation.

Optics

Anti-UV Clear Prismatic Polycarbonate Lens.

Controls

Fixture mounted Microwave Occupancy Sensor available. Fixture mounted Microwave Bi-Level Dimming Sensor with Photocell available.

Emergency

Externally Attached, 8W, 90 Minute Emergency Battery Backup available.

Listings

UL certified to meet US and Canadian standards. FCC and RoHS compliant. Listed to qualify for energy-efficient LED lighting rebates.

Warranty

5 yr /50K hrs. View at: <https://falkorindustry.com/warranty/>.

Single Wattage and Tunable Models available

Available in Dark Bronze or White



Shown with Smart Sensor

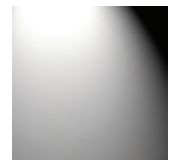
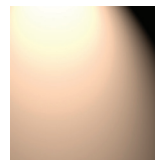


Shown with Emergency Battery Backup



Correlated Color Temperatures (CCT)

3000K 4000K 5000K



Specifications

Energy Data

Input Voltage: 120-277V

Input Frequency: 50/60 Hz

Wattage: 27W, 40W, 60W, or 4-Wattage

Power Factor: >0.9

Operating Temperature: -40°F to 104°F (-40°C to 40°C)

Lighting Data

Lumens: 3800, 5450, 8000

Lumens Per Watt: Up to 141 lm/W

Color Correlated Temperature (CCT): 4000K, 5000K, or 3-CCT

Dimmable: Non-Dimmable or 0-10V Models

Color Rendering Index (CRI): >70

L70: 50000 hours

Ordering Information

Model	Wattage	Voltage	Current	Lumens	Efficacy	CCT	Dimming	Color	Dimensions	Weight
MCP05-27W-4000K	27W	120-277V	0.25A@120V, 0.11A@277V	3800	141 lm/W	4000K	No	Dark Bronze	9.52"L x 9.52"W x 3.19"H	3.62 lbs
MCP05-27W-5000K	27W	120-277V	0.25A@120V, 0.11A@277V	3800	141 lm/W	5000K	No	Dark Bronze	9.52"L x 9.52"W x 3.19"H	3.62 lbs
MCP05-27W-DIM-4000K	27W	120-277V	0.25A@120V, 0.11A@277V	3800	141 lm/W	4000K	0-10V	Dark Bronze	9.52"L x 9.52"W x 3.19"H	3.62 lbs
MCP05-27W-DIM-5000K	27W	120-277V	0.25A@120V, 0.11A@277V	3800	141 lm/W	5000K	0-10V	Dark Bronze	9.52"L x 9.52"W x 3.19"H	3.62 lbs
MCP05-40W-5000K	40W	120-277V	0.37A@120V, 0.16A@277V	5450	136 lm/W	5000K	No	Dark Bronze	9.52"L x 9.52"W x 3.19"H	4.17 lbs
MCP05-40W-DIM-5000K	40W	120-277V	0.37A@120V, 0.16A@277V	5450	136 lm/W	5000K	0-10V	Dark Bronze	9.52"L x 9.52"W x 3.19"H	4.17 lbs
MCP05-60W-5000K	60W	120-277V	0.55A@120V, 0.24A@277V	8000	133 lm/W	5000K	No	Dark Bronze	9.52"L x 9.52"W x 3.19"H	5.07 lbs
MCP05-60W-DIM-5000K	60W	120-277V	0.55A@120V, 0.24A@277V	8000	133 lm/W	5000K	0-10V	Dark Bronze	9.52"L x 9.52"W x 3.19"H	5.07 lbs
MCP07-60W-3CCT	(25W, 36W, 48W, 60W)	120-277V	0.23A@120V, 0.10A@277V 0.33A@120V, 0.14A@277V 0.44A@120V, 0.19A@277V 0.55A@120V, 0.24A@277V	(3800, 5328, 6624, 8000)	133 to 160 lm/W	(3000K, 4000K, 5000K)	0-10V	Dark Bronze	9.52"L x 9.52"W x 3.19"H	-

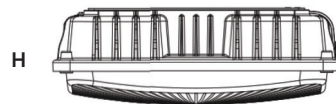
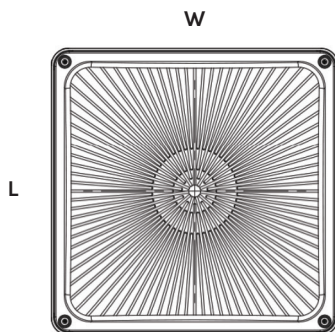
Sensor	Accessory
BRI819P-B-O Sensor INSTALLED - Microwave Occupancy Sensor	EB-8W/90 Min-1 INSTALLED- Externally Attached, 8W, 90 Minute Emergency Battery Backup
BRI819P-B-D Sensor INSTALLED - Microwave Bi-Level Dimming Sensor with Photocell	(Blank) None
(Blank)	None

Shipping Information

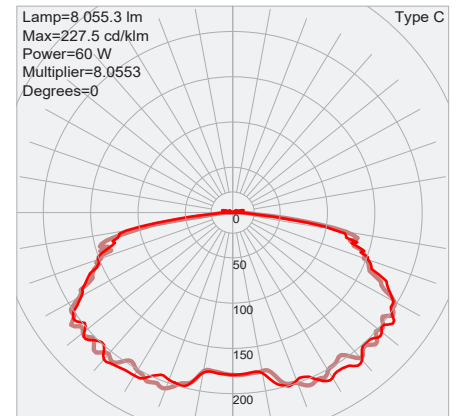
Model Size	Shipping Dimensions	Shipping Weight	Quantity /Box
All Models	23.00"L x 12.00"W x 12.00"D	25.90 lbs	6

Physical Dimensions

All Models 9.52"L x 9.52"W x 3.19"H



Photometric Characteristics



*Example of 60W 5000K

