

MCP05 SERIES - LED Canopy Light

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

Premium Features

Lumen Output	2500 to 8000 lumens
Efficacy	Up to 141 lm/W
Input Voltage	120-277V
Dimmable	Non-Dimmable or 0-10V Models
CCT	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. 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/>.

Project:

Date:

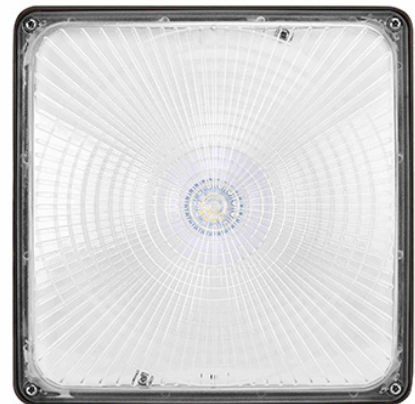
Catalog No:

Prepared By:

Available in Dark Bronze or White



Includes Clear Prismatic Polycarbonate Lens



Correlated Color Temperatures (CCT)

4000K

5000K



Specifications

Energy Data

Input Voltage: 120-277V

Input Frequency: 50/60 Hz

Wattage: 20W, 27W, 40W, 60W

Power Factor: >0.9

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

Lighting Data

Lumens: 2500 to 8000 lumens

Lumens Per Watt: Up to 141 lm/W

CCT: 4000K, 5000K

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
MCP05-20W	20W	120-277V	0.18A@120V, 0.08A@277V	2500	125 lm/W	4000K, 5000K	No	Dark Bronze or White	9.52"L x 9.52"W x 3.19"H
MCP05-27W	27W	120-277V	0.25A@120V, 0.11A@277V	3800	141 lm/W	4000K, 5000K	No	Dark Bronze or White	9.52"L x 9.52"W x 3.19"H
MCP05-40W	40W	120-277V	0.37A@120V, 0.16A@277V	5450	136 lm/W	5000K	No	Dark Bronze or White	9.52"L x 9.52"W x 3.19"H
MCP05-60W	60W	120-277V	0.55A@120V, 0.24A@277V	8000	133 lm/W	5000K	No	Dark Bronze or White	9.52"L x 9.52"W x 3.19"H
MCP05-27W-DIM	27W	120-277V	0.25A@120V, 0.11A@277V	3800	141 lm/W	4000K, 5000K	0-10V	Dark Bronze or White	9.52"L x 9.52"W x 3.19"H
MCP05-40W-DIM	40W	120-277V	0.37A@120V, 0.16A@277V	5450	136 lm/W	5000K	0-10V	Dark Bronze or White	9.52"L x 9.52"W x 3.19"H
MCP05-60W-DIM	60W	120-277V	0.55A@120V, 0.24A@277V	8000	133 lm/W	5000K	0-10V	Dark Bronze or White	9.52"L x 9.52"W x 3.19"H

Housing

WHITE PAINT White Powder Coating

Sensor

BRI819P-B-O Sensor INSTALLED - Microwave Occupancy Sensor

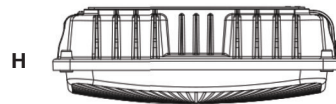
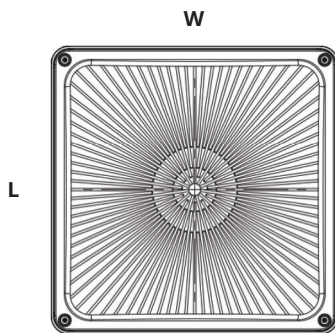
BRI819P-B-D Sensor INSTALLED - Microwave Bi-Level Dimming Sensor with Photocell

Emergency

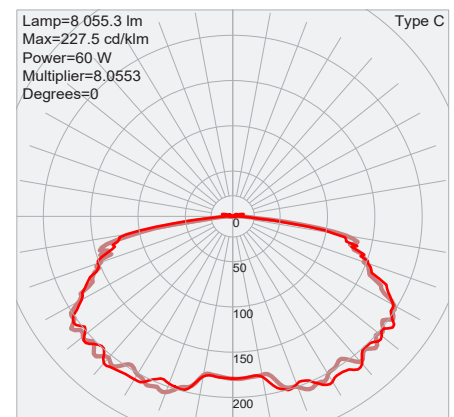
EB-8W/90 Min-1 INSTALLED - Externally Attached, 8W, 90 Minute Emergency Backup Battery

Physical Dimensions

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



Photometric Characteristics



*Example of 60W 5000K

