

FI MCP07 SERIES - LED Tunable Canopy Light

The FI MCP07 SERIES - LED Tunable Canopy Light, Up to 171 lm/W, IP65 Wet Location, Select 3X-CCT and 4X- Wattages, 0-10V and Non-Dimmable, Premium Outdoor Luminaire, Smart Sensor Ready.

Premium Features

Lumen Output	3800 to 18810 lumens
Efficacy	Up to 171 lm/W
Input Voltage	120-277V
Dimmable	0-10V and Non-Dimmable
CCT	Select (30K, 40K, 50K)
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 and 0-10V Continuous Dimming models. Includes 3X-CCT and 4X-Wattage Tuning Switches inside housing. 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:

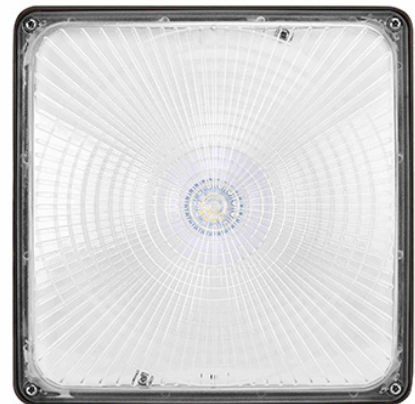
Catalog No:

Prepared By:

Available in Dark Bronze or White



Includes Clear Prismatic Polycarbonate Lens

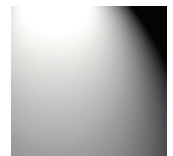
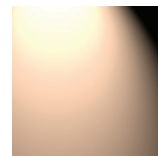


Correlated Color Temperatures (CCT)

3000K

4000K

5000K



Specifications

Energy Data

Input Voltage: 120-277V

Input Frequency: 50/60 Hz

Wattage: 4-Wattages (60W Max, 110W Max)

Power Factor: >0.9

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

Lighting Data

Lumens: 3800 to 18810 lumens

Lumens Per Watt: Up to 171 lm/W

CCT: Select (30K, 40K, 50K)

Dimmable: 0-10V and Non-Dimmable

Color Rendering Index (CRI): >70

L70: 50000 hours

Ordering Information

Model	Wattage	Voltage	Current	Lumens	Efficacy	CCT	Dimming	Color	Dimensions
FI-MCP07 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 5300 6600 8000	Up to 167 lm/W	(3000K, 4000K, 5000K)	0-10V	Dark Bronze or White	9.52"L x 9.52"W x 3.19"H
FI-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	4000 5760 7680 9600	160 lm/W	(3000K, 4000K, 5000K)	No	Dark Bronze or White	9.52"L x 9.52"W x 3.19"H
FI-MCP07 110W 3CCT	(41W, 63W, 85W, 110W)	120-277V	0.38A@120V, 0.16A@277V 0.58A@120V, 0.25A@277V 0.78A@120V, 0.34A@277V 1.01A@120V, 0.44A@277V	7011 10773 14535 18810	171lm/W	(3000K, 4000K, 5000K)	No	Dark Bronze or White	9.52"L x 9.52"W x 3.19"H

Housing

WHITE PAINT White Powder Coating

Sensor

BRI819P-LB

INSTALLED - Microwave Occupancy Sensor

Mount

EB-8W/90 Min-1

INSTALLED - Externally Attached, 8W, 90 Minute
Emergency Backup Battery

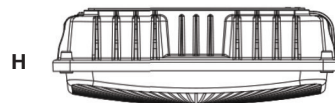
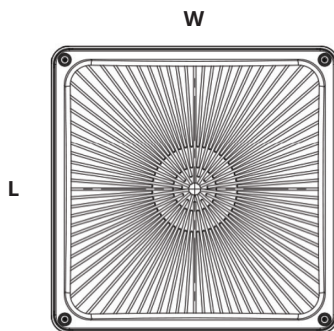
BRI819P-D-LB

INSTALLED - Microwave Bi-Level Dimming Sensor
with Photocell

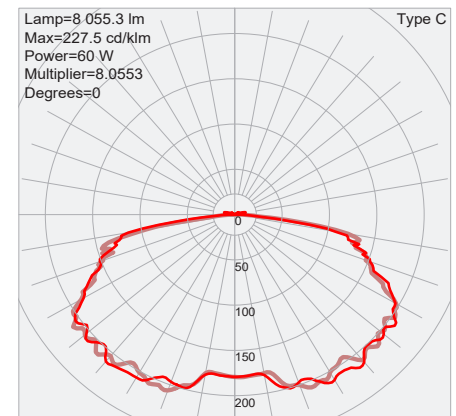
Physical Dimensions

All Models

9.52"L x 9.52"W x 3.19"H



Photometric Characteristics



*Example of 60W 5000K

