

LED CANOPY MCP05



Up 60W LED ceiling light delivers 8,000 lumens for an energy-efficient replacement of 250W MH canopy lights. Traditional style does not detract from current building aesthetics. The economical MCP05 provides years of maintenance-free general illumination for outdoor applications. Ideal for entrances, parking garage, covered walkways and loading docks.

SPECIFICATION

Construction

- Sealed die-casting profile for indoor and outdoor applications.
- Casting thermally conducts LED heat to optimize performance and long life.
- With corrosion-resistant powder coating that provides protection and architectural appearance while adapting well to the environment in the garage.

Optics

- Lumen output from 3800-8000lm with efficacy up to 141lm/W.
- Light engines are available in standard 4000K, 5000K(70 CRI) configurations.
- Parking Garage Photometry provides a wide light distribution and greater uniformity.

Electrical

- Universal 120-277VAC or 347-480VAC input voltage.
- 0-10V dimming standard with a dimming range of 100% to 10%.
- Both drivers have a power factor >90%, THD <20%.
- Operating temperature is -40°C to 40°C (-40°F to 104°F).



Controls

- Optional PIR sensor.
- Optional Microwave sensor.
- Optional Emergency Battery.

Lifespan

- Estimated 50,000-hour LED lifespan based on IES LM-80 results and TM-21 calculations.

Warranty

- Five-year limited warranty.

Certifications

- DesignLights Consortium™ Qualified.
- UL cUL wet location listed.

Note: DesignLights Consortium™ Qualified and classified for DLC Premium, refer to www.designlights.org for details.

Note

- Actual performance may differ as a result of end-user environment and application. All values are design or typical values, measured under laboratory conditions at 25°C(±5°C) specifications subject to change without notice.

Mounting Bracket

Suitable for J-BOX mounting, and easy for installation, also support pendant mounting, wires coming out from the back for easier wire connections.



Built in sensor

Microwave sensor, compact sized, DC input, and remote control. Optional daylight function with sensitive sensing when detect movement.



Housing

One piece die cast housing better waterproofing, suitable for both indoor and outdoor application.

Photometry

Parking Garage Photometry provides a wide light distribution and greater uniformity.

1/2inch knock hole

Support wires coming from the hole for easier wire connections. Optional PIR sensor and Emergency Battery.



Built-in Emergency Battery (Optional)

Easy to install and provides up to 90min of emergency lighting

PERFORMANCE DATA

SYSTEM WATTS	PHOTOMETRY	VOLTAGE	LUMENS 4000K(70CRI)	LPW 4000K(70CRI)	LUMENS 5000K(70CRI)	LPW 5000K(70CRI)
27W	Parking Garage	120-277VAC	3750 lm	139 lm/W	3800 lm	141 lm/W
40W	Parking Garage	120-277VAC/347-480V	5350 lm	134 lm/W	5450 lm	136 lm/W
60W	Parking Garage	120-277VAC/347-480V	7800 lm	133 lm/W	8000 lm	133 lm/W

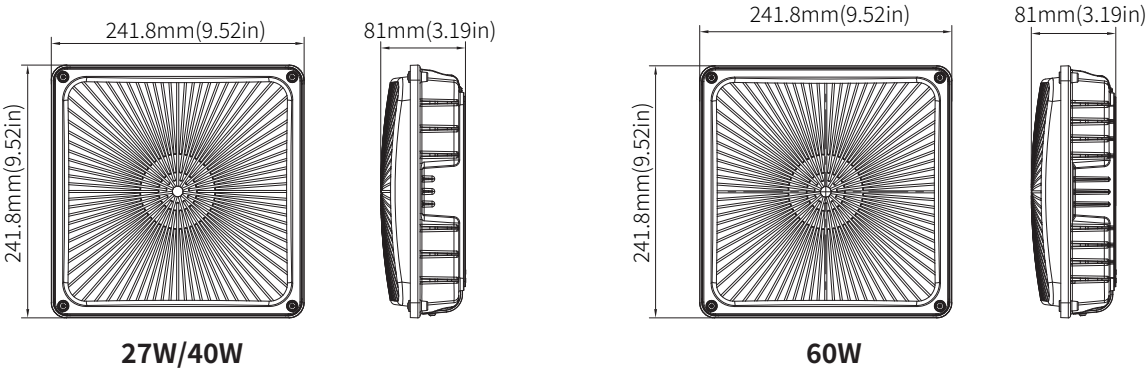
ELECTRICAL DATA

NUMBER OF DRIVERS	DRIVER CURRENT (mA)	NOMINAL POWER (W)	INPUT VOLTAGE (V)	CURRENT (Amps)
1	670	27	120	0.23
		27	208	0.13
		27	240	0.11
		27	277	0.10
1	980	40	120	0.33
		40	208	0.19
		40	240	0.17
		40	277	0.14
	1020	40	347	0.12
		40	480	0.08
1	1500	60	120	0.50
		60	208	0.29
		60	240	0.25
		60	277	0.22
	1600	60	347	0.17
		60	480	0.13

DIMENSION

unit: mm/inch

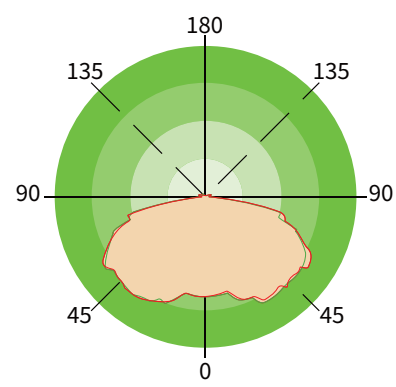
Net Weight:
27W: 3.615lbs
40W: 4.166lbs
60W: 5.070lbs



ACCESSORIES (Optional)

Built-in Emergency Battery (Optional) 5W, 90min suit for 27W、40W	Emergency Battery Backup 8W, 900lm, 90min. NO. EB box-8W/90min	Microwave Sensor, 12V Description: Sensor can be built-in fixture. NO. US002-01VR	PIR Sensor, 120-277V Description: External sensor can be pre-installed in factory or field installed. NO. BRI819P-LB

PHOTOMETRICS



ORDERING GUIDE									Example: MCP0540W27V40KYYYYY	
Fixture Type	Wattage	Input Voltage	CCT	Finish	Sensor (Option)	Dimmable(Option)	Emergency Battery (Option)	Internal Code		
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MCP05 MCP Series	27 27W	27V 120-277V	40K 4000K	D Dark Bronze	M With Sensor	D 0 -10V Dimmable	B With Battery	Blank	Blank Alphanumeric	
	40 40W	48V 347-480V	50K 5000K	B Black	Blank Without Sensor	Blank NO Dimmable	Blank Without Battery			
	60 60W			W White SG Silver Gray						

Note: 1. 27W are limited to 120-277V input only.
2. Only dimmable version is DLC.

MOUNTING



Surface Mounted With J-Box

Conduit Pendant Mount