

L70  
25°C

50,000 Hours



NOTES:

FIXTURE TYPE:

PROJECT:

## PRODUCT DESCRIPTION

MCP03 series is a commercial grade LED canopy luminaire that utilizes high powered LEDs with precise efficient optical control and on board wattage and lumen choices. It provides excellent uniformity, energy efficiency and control for surface mount applications. The versatile and functional features: energy-efficient LED system, rugged design, pendant or junction box mounting options, multiple lumen packages and optical distributions.

## SPECIFICATIONS

### 1/2inch threaded hole

Support wires coming from the hole for easier wire connections.

### Photometry

Optional Parking Garage Photometry or Low Bay Photometry as per applications.

### 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.

### PIR Sensor

Optional PIR sensor allows for security and energy saving

### Housing

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

### Emergency Battery

900lm, 90min

### Built-in Sensor

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



## SPECIFICATIONS FEATURES

### 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 3500-7700lm with efficacy up to 164lm/W.
- Switchable color temperature 4000K/5000K.
- Parking Garage photometry.
- Replacing 100W MH and 175W MH.

### Electrical

- Universal 120-277VAC input voltage.
- Standard 0-10V dimming for 10% to 100%.
- Wattage adjustable: 100%, 80%, 60%, 40%.
- Both drivers have a power factor >90%, THD <20%.
- Operating temperature is -40°C to 45°C (-40 F to 113 F).

### Controls

- Optional Motion 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

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

Note: Please refer to the DLC website for specific product qualifications at [www.designlights.org](http://www.designlights.org).

### 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.

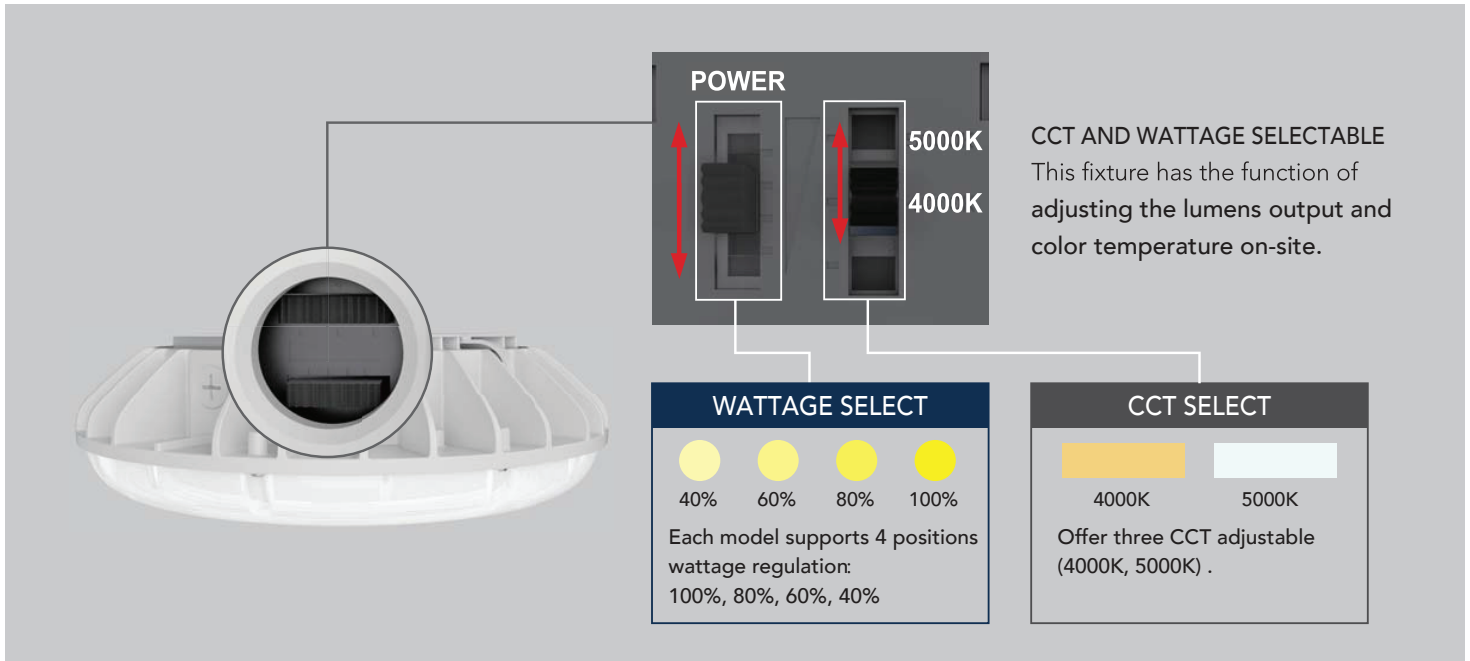
## ORDERING INFORMATION

EXAMPLE: MCP03-60W-27V-DDK-W-B-PG



Model	Wattage	Voltage	CCT	Finish	Sensor (Option)	Emergency Battery (Option)	Photometry	CCT and Power Adjustable	Internal Code
MCP03 = Canopy Series	60 = 60W	27V=120-277V	DDK = Adjustable color temperature	W = White	M = Motion Sensor Blank = Without Sensor	B = With Emergency Battery Blank = Without Emergency Battery	PG = Parking Garage	AD = With Adjustment Dial Blank = Without Adjustment Dial	Blank = Alphanumeric



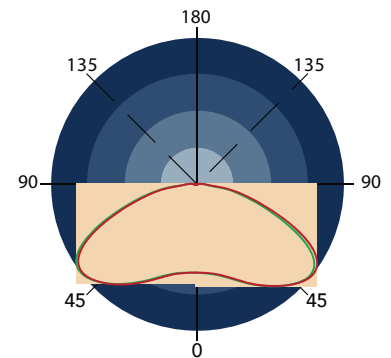
## DIMENSIONS



## ACCESSORIES (OPTIONAL)

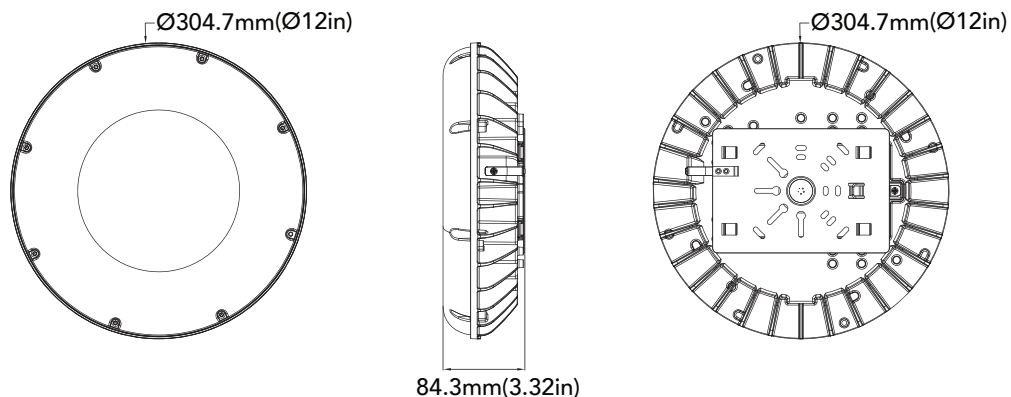
		
<b>Emergency Battery Backup</b> Description: 5W 800lm 90min	<b>PIR Sensor, 120-277V</b> Description: External sensor can be pre-installed in factory or field installed.	<b>Microwave Sensor, 12V</b> Description: Sensor can be built-in fixture.

## PHOTOMETRICS



## DIMENSIONS

unit: inch/mm



Weight:  
60W: 5.73lbs

## MOUNTING



Surface Mounted With J-Box



Conduit Pendant Mount

## PERFORMANCE DATA

SETTING	SETTING WATTS	LUMENS	LPW	LUMENS	LPW
		4000K (70CRI)	4000K (70CRI)	5000K (70CRI)	5000K (70CRI)
100%	60W	7700lm	128lm/W	7500lm	125lm/W
80%	46W	6500lm	141lm/W	6300lm	137lm/W
60%	34W	5000lm	147lm/W	4900lm	134lm/W
40%	22W	3600lm	164lm/W	3500lm	159lm/W

## ELECTRICAL DATA

Number Of Drivers	Driver Current (mA)	Nominal Power (W)	INPUT VOLTAGE (V)	CURRENT (Amps)
1	1050	60	120	0.50
		60	208	0.29
		60	240	0.25
		60	277	0.22