

Project:	
Type:	
Catalog # :	

FME Lighting | 877 - 234 - 8460 | info@fmelighting.com



60W



110W

SPECIFICATIONS

VOLTAGE	120-277VAC & 120-347VAC
WATTAGE	60W, 110W
POWER ADJUSTMENT	4 levels of output: 100%, 80%, 60%, 40%
COLOR TEMP	Adjustable: 3000K, 4000K & 5000K
OPERATING TEMP	-40°C to 40°C (-40°F - + 104°F)
HOUSING	Cast-Aluminum with Corrosion-resistant powder coating
LENS	Anti-UV Prismatic PC
POWER FACTOR	>90% / THD <20%.
OPTIC	Parking Garage <i>*See Page 3 for All Photometry Diagrams.</i>
LED LIFESPAN	Minimum 50,000h
DIMMING	1-10V Dimming
CONTROLS	PIR Sensor
WARRANTY	5 Year Limited Warranty

KEY FEATURES

- **Adjustable CCT and Lumen Output:** Offers selectable lumen packages (3,700 to 16,500 Lumens) and color temperatures (3000K, 4000K, 5000K).
- **Mounting Options:** Supports standard J-BOX, 3/4" pendant mount, and surface conduit wiring with reserved knock-out holes.
- **Lots of Options:** Optional Emergency Battery, Surge Protection, Photocell, & Sensors.
- **Long Lifespan and Warranty:** Estimated 50,000-hour lifespan. The fixture Die-cast aluminum housing with corrosion-resistant powder coating for extended lifespan and protection.

LUMENS, OPTICS & DIMENSIONS

**See Page 3 for All Photometry Diagrams.
 See Page 2 for All Dimensions Diagrams.

ACCESSORIES



Emergency Battery Backup
 Description:
 5W 800lm 90min



PIR Sensor, 120-277V
 Description:
 External sensor can be pre-installed in factory or field installed.



Microwave Sensor, 12V
 Description:
 Sensor can be built-in fixture.

ORDERING INFORMATION

ORDERING GUIDE

Series	Wattage	Voltage	CCT	Color	Sensor	Photocell	Emergency Battery	Surge Protector	Adjustment Dial <i>CCT & Power Adjustable</i>
CPM2	D = 60W E = 110W	LV1 = 100-277 VAC LV2 = 120-347 VAC	V = Adjustable	D = Dark Bronze B = Black W = White	M = PIR Sensor BLANK = No Sensor	P = 120V-277V Photocell BLANK = No Photocell	EM = Emergency Battery BLANK = Without Emergency Battery	SP = Surge Protector BLANK = Without Surge Protector	AD = With Dial BLANK = Without Dial

Notes:
 1. CCT and power adjustable.
 2. Battery only suitable for 120-277V

DETAILS

Construction

- One-piece die-cast aluminum housing secures the thermally conductive LED panel and electrical chamber.
- 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

- Light engines are available in color tunable version, the CCT can be changed to 3000K/4000K/5000K.
- Scalable Lumen Packages from 3,700 to 16,500 Lumens.
- Anti-UV prismatic polycarbonate lens is designed to shape the light distribution and uniformity.

Electrical

- Universal 120-277 or 120-347 VAC input voltage.
- Adjustable lumen output with four lumen settings 100%, 80%, 60%, 40%.
- 0-10V Dimming.
- Both drivers have a power factor >90%, THD <20%.
- Operating Temperature Range: -40°C to 40°C (-40°F - + 104°F).

Note: Operating with emergency battery temperature range: 10°C to 40°C (+50°F - + 104°F).

Mounting



Surface Mounted With J-Box



Conduit Pendant Mount

Controls

- Optional PIR sensor.
- Optional Emergency Battery.

Lifespan

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

Certifications

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

Note: Contact Factory for more information

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.



CCT & Wattage Selectable



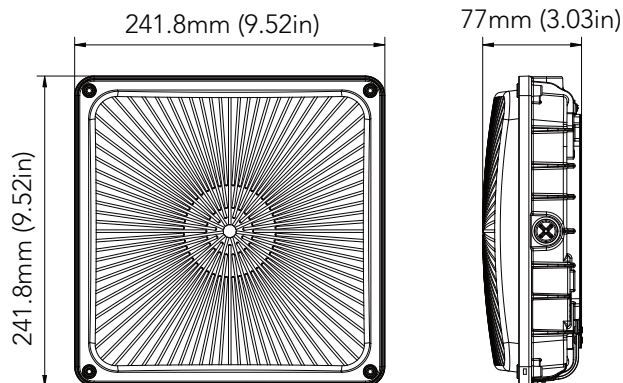
Built-in Sensor



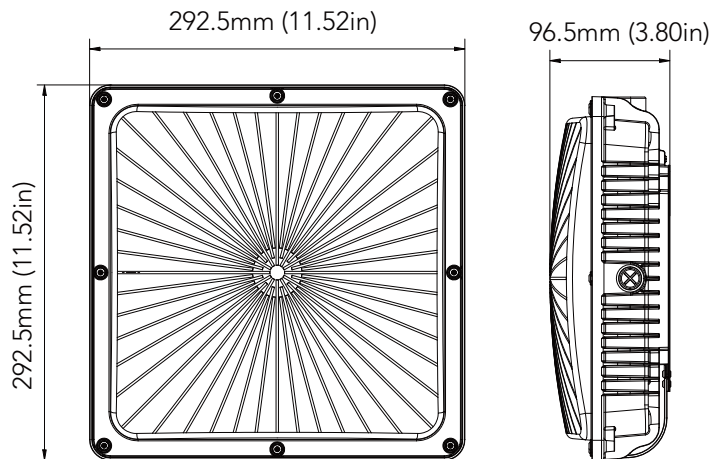
1/2inch Knock Hole

DIMENSIONS

unit: mm/inch

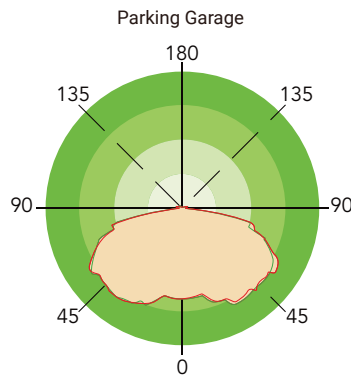


60W



110W

PHOTOMETRY



PERFORMANCE DATA

60W							
SETTING	SETTING WATTS	3000K		4000K		5000K	
		LUMENS	LPW	LUMENS	LPW	LUMENS	LPW
100%	60W	7800lm	130 lm/W	8400lm	140 lm/W	8000lm	133 lm/W
80%	47W	6500lm	138 lm/W	7000lm	149 lm/W	6600lm	140 lm/W
60%	36W	5200lm	144 lm/W	5600lm	156 lm/W	5300lm	147 lm/W
40%	24W	3700lm	154 lm/W	4000lm	167 lm/W	3800lm	158 lm/W

110W							
SETTING	SETTING WATTS	3000K		4000K		5000K	
		LUMENS	LPW	LUMENS	LPW	LUMENS	LPW
100%	110W	15500lm	141 lm/W	16500lm	150 lm/W	16000lm	145 lm/W
80%	85W	12800lm	151 lm/W	13600lm	160 lm/W	13000lm	153 lm/W
60%	63W	9800lm	156 lm/W	10500lm	167 lm/W	10000lm	159 lm/W
40%	41W	6800lm	166 lm/W	7200lm	176 lm/W	7000lm	171 lm/W

ELECTRICAL DATA

NUMBER OF DRIVERS	DRIVER CURRENT (mA)	NOMINAL POWER (W)	INPUT VOLTAGE (V)	CURRENT (Amps)
1	900	60	120	0.50
		60	208	0.29
		60	240	0.25
		60	277	0.22
		60	347	0.17
1	850	110	120	0.92
		110	208	0.53
		110	240	0.46
		110	277	0.40
		110	347	0.32