

TYPE: _____



ILLUMINATING US IMCP03 is a versatile commercial LED Canopy light. It adopts precise and effective optical lens to provide excellent light distribution curve, combined with milky lens, greatly reducing glare. It combines visual comfort with optical performance and energy saving, and provides stunning lighting effects for surface mount applications. Rugged housing, pendant or junction box mounting options make it ideal for schools, parking garages, strip malls and other applications.

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 3500-12300lm with efficacy up to 137lm/W.
- Light engines are available in standard 4000K, 5000K(70 CRI) configurations.
- Optional Parking Garage Photometry or Low Bay Photometry as per applications.

Electrical

- Universal 120-277V & 347V 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 45°C(-40°F to 113°F).

Controls

- Optional PIR sensor.
- Optional Microwave sensor.

Lifespan

- Estimated 100,000-hour LED lifespan based on IES LM-80 results and TM-21 calculations.

Warranty

- Five-year warranty.

Certifications

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

Note: DesignLights Consortium™ Qualified and classified for DLC Standard (all lumen packages), 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.



30W/45W/60W



30W/45W/60W



90W

ACCESSORIES (Optional)



Emergency Battery Backup

Description: 8W 900lm 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.

1/2inch threaded hole

Support wires coming from the hole for easier wire connections.

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.

Emergency Battery

900lm, 90min

Photometry

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

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.

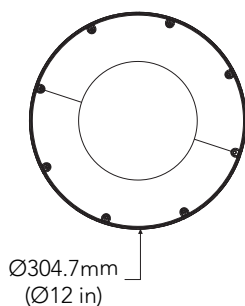
Built in sensor

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

DIMENSION

unit: mm/inch

Weight:
30W: 5.29lbs
45W: 5.4lbs
60W: 5.73lbs
90W: 6.195lbs

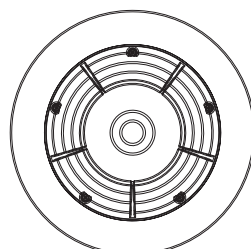


Ø304.7mm
(Ø12 in)

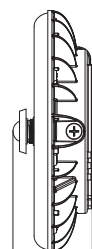


84.3mm
(3.32 in)

30W/45W/60W



Ø331mm
(Ø13.03 in)



109mm
(4.291 in)

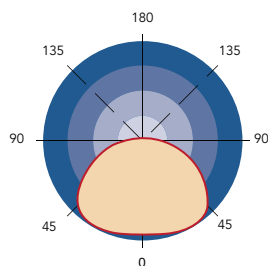
90W

CHOOSE YOUR OPTICAL DISTRIBUTION

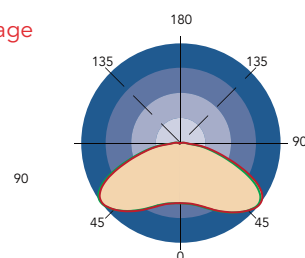
Each optic is designed for a specific purpose.

The general distribution allows a wash of light in any application. In addition, we design an optics specially for parking garage.

General



Parking Garage



MOUNTING



Surface Mounted With J-Box



Conduit Pendant Mount

PERFORMANCE DATA

30W	Parking Garage	120-277VAC	4000lm	133lm/W	4000lm	133lm/W
	Low Bay	120-277VAC	3800lm	127lm/W	3800lm	127lm/W
45W	Parking Garage	120-277VAC	5700lm	127lm/W	5700lm	127lm/W
	Low Bay	120-277VAC	5500lm	122lm/W	5500lm	122lm/W
50W	Parking Garage	347VAC	5700lm	114lm/W	5700lm	114lm/W
	Low Bay	347VAC	5500lm	110lm/W	5500lm	110lm/W
60W	Parking Garage	120-277VAC	7500lm	125lm/W	7500lm	125lm/W
	Low Bay	120-277VAC	7600lm	127lm/W	7600lm	127lm/W
65W	Parking Garage	347VAC	7500lm	115lm/W	7500lm	115lm/W
	Low Bay	347VAC	7600lm	117lm/W	7600lm	117lm/W
90W	Parking Garage	120-277VAC	12300lm	137lm/W	12300lm	137lm/W

ELECTRICAL DATA

NUMBER OF DRIVERS	DRIVER CURRENT (mA)	NOMINAL POWER (W)	INPUT VOLTAGE (V)	CURRENT (Amps)
1	760	30	120	0.25
		30	208	0.14
		30	240	0.13
		30	277	0.11
1	1110	45	120	0.38
		45	208	0.22
		45	240	0.19
		45	277	0.16
		50	347	0.14
1	1500	60	120	0.50
		60	208	0.29
		60	240	0.25
		60	277	0.22
		65	347	0.19
1	2270	90	120	0.75
		90	208	0.43
		90	240	0.38
		90	277	0.32

ORDERING GUIDE

Example: IMCP0330W27V40KYYYYYY

	Fixture Type	Wattage	Voltage	CCT	Finish	Sensor (Option)	Dimmable	Photometry	Emergency Battery (Only for 45W)	Internal Code
IUS										
I	MCP03 Canopy Series	30 30W 45 45W 50 50W 60 60W 65 65W 90 90W	27V 120-277V 34V 347V	40K 4000K 50K 5000K	D Dark Bronze B Black W White	Blank Without Sensor M With Sensor	D 0-10V Dimmable Blank NON Dimmable	PG Parking Garage LB Low Bay	B Emergency Battery Blank Without Emergency Battery	Blank Alphanumeric

Note: 1. The watt is 45W when the voltage is 120-277V, while the voltage is 347V, the watt is 50W.
 2. The watt is 65W when the voltage is 120-277V, while the voltage is 347V, the watt is 65W.
 3. Optional emergency battery only for 45W.
 4. 90W is only for 120-277V and only has Parking Garage photometry.