

L70
25°C

50,000 Hours



NOTES:

FIXTURE TYPE:

PROJECT:

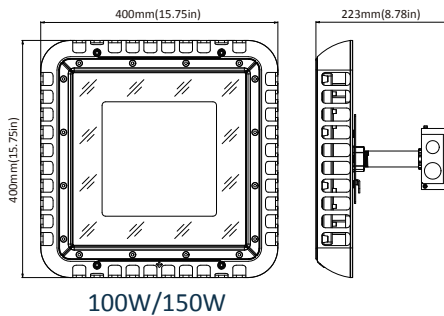


100W/150W

DIMENSIONS

unit: mm/inch

Weight:
100W: 4.95kg(10.91lbs)
150W: 4.86kg(10.91lbs)



100W/150W

PRODUCT DESCRIPTION

Gas Station Canopy Light is an ideal solution for budget-friendly, canopy lighting. It can be used in commercial buildings, parking lot structures, gas stations, secure entryways, exterior canopies and many other applications. When replacing up to 400W MH, it can save about 86% of energy. Excellent heat dissipation structure design features and precision optical design provide a good lighting effect with a lifetime of up to 50,000 hours accompanied by excellent optical performance.

FEATURES

Construction

- 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 indoor and outdoor environment.

Optics

- Light engines are available in standard 4000K and 5000K (70 CRI) configurations.
- Scalable Lumen Packages from 10,000 to 23,000 Lumens.
- Tempered glass lens is designed for excellent light output and uniformity.

Electrical

- Universal 120-277 VAC.
- Optional for wattage selectable: 100%, 80%, 60%, 40%.
- 0-10V dimming driver standard for 10% to 100% dimming.
- Both drivers have a power factor >90%, THD <20%.
- Operating Temperature Range: -40°C to 50°C (-40 F - + 122 F).

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.

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: MGC01-65W-27V-40KW-CD



Model	Wattage	Input Voltage	CCT	Finish	Lens	Control
MGC01 = Canopy Series	100W 150W	27V = 120-277V	50K = 5000K	W = White	CD = Clear Diffuser	Blank = Without control M = With Sensor

PERFORMANCE DATA

MGC01100W (General Distribution)

SETTING	SYSTEM WATTS	DISTRIBUTION	4000K		5000K	
			LUMENS (70CRI)	LPW (70CRI)	LUMENS (70CRI)	LPW (70CRI)
100%	100W	General	15000lm	150 lm/W	15000lm	150 lm/W
80%	80W	General	12300lm	154 lm/W	12300lm	154 lm/W
60%	60W	General	9600lm	160 lm/W	9600lm	160 lm/W
40%	40W	General	6700lm	166 lm/W	6700lm	166 lm/W

MGC01150W (General Distribution)

SETTING	SYSTEM WATTS	DISTRIBUTION	4000K		5000K	
			LUMENS (70CRI)	LPW (70CRI)	LUMENS (70CRI)	LPW (70CRI)
100%	150W	General	23000lm	153 lm/W	23000lm	153 lm/W
80%	120W	General	19000lm	158 lm/W	19000lm	158 lm/W
60%	90W	General	14800lm	164 lm/W	14800lm	164 lm/W
40%	60W	General	10200lm	170 lm/W	10200lm	170 lm/W

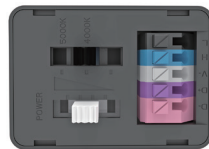
MGC01150W (Type III Distribution)

SETTING	SYSTEM WATTS	DISTRIBUTION	4000K		5000K	
			LUMENS (70CRI)	LPW (70CRI)	LUMENS (70CRI)	LPW (70CRI)
100%	150W	Type III	22000lm	147 lm/W	22000lm	147 lm/W
80%	120W	Type III	18000lm	150 lm/W	18000lm	150 lm/W
60%	90W	Type III	14000lm	156 lm/W	14000lm	156 lm/W
40%	60W	Type III	9700lm	162 lm/W	9700lm	162 lm/W

ACCESSORIES (OPTIONAL)



Spring fitting



Power Controller

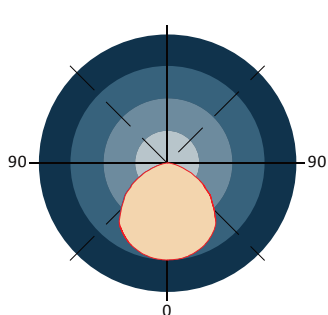
USE: The wattage can be changed by switch selection on the controller.



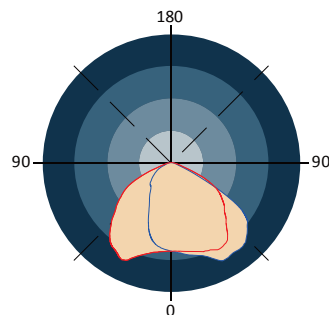
Microwave Sensor, 12V

Description: Sensor can be built-in fixture.

PHOTOMETRICS



General



Type 3

ELECTRICAL DATA

NUMBER OF DRIVERS	DRIVER CURRENT (mA)	NOMINAL POWER (W)	INPUT VOLTAGE (V)	CURRENT (Amps)
1	2600	100	120	0.83
		100	208	0.48
		100	240	0.42
		100	277	0.36
		100	347	0.29
		100	480	0.21
1	1200	150	120	1.25
		150	208	0.72
		150	240	0.63
		150	277	0.54