

## LED CANOPY LIGHT

### SMART 500 SERIES



### PRODUCT DESCRIPTION:

The LED canopy light delivers up to 7800 lumens for an energy-efficient replacement of 250W metal halide canopy lights. Traditional style does not detract from current building aesthetics. The smart series parking garage canopy light provides years of maintenance-free general illumination for commercial and industrial applications. The exceptional energy efficiency and fast return-on-investment, makes Smart Series Canopy Light the most suitable light fixture for many industrial and commercial applications.

### FEATURES:

- Input voltage: 120V-277V
- High performance, up to 130lm/W
- Super wide 160° High transmittance optic PC lens
- Hanging type internal wiring, anti-slip design back cover, easy installation and high safety
- IP66 rated, suitable for wet locations
- 3-in-1 dimming, 1-10V, PWM, Resister
- Operating temperature rating of -40°F to 122 °F (-40°C to 50°C)
- White/Bronze housing powder coat finish, 5 years warranty

### CONSTRUCTION:

- Durable, die-cast aluminum housing with heat dissipating fins
- Has Polycarbonate optical lens with high impact and heat-resisting
- White, dark bronze or black polyester powder-coat finish

### RECOMMENDED USE:

- Retail and grocery
- Parking structures
- Walkways

### WARRANTY:

5-year standard warranty

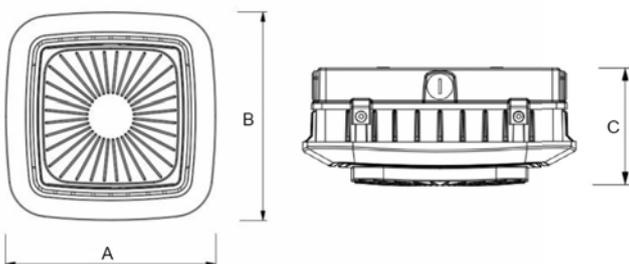
\*Warranty Limitations: Product must be rated for the application per the Product Data Sheet (PDS); operated <16 hrs; in ambient of -40°F to 122°F.

Sample Order:MA-HCP501AS-30W-G-50KS

FAMILY	SERIES CODE	WATTAGE	STYLE	INPUT VOLTAGE	CCT	OPTIONS
MA-HCP=LED Canopy Light	8A=8" A Series 10A=10" A Series	30W	G=Garage C= Canopy	Blank HV= AC100-347V AC277-480V	30K=3000K 40K=4000K 50K=5000K 57K=5700K	S=Smart Control B=Battery Backup M=Motion Sensor

<sup>1</sup> No UL/DLC for MS/EM/PS Models

### DIMENSION DRAWING:



### DIMENSION CHART:

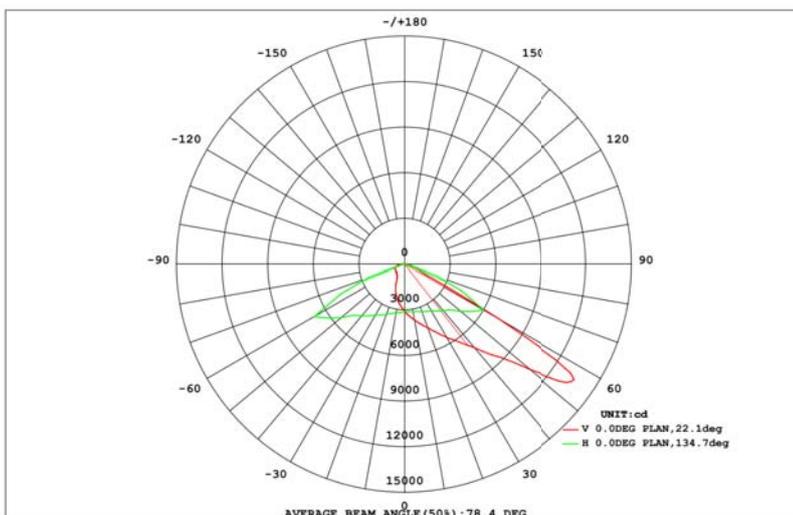
MODEL	A (INCH)	B (INCH)	C (INCH)	N.W (LB)
30W	9.05	9.05	3.88	23.1
50W	9.05	9.05	3.88	23.1
60W	9.05	9.05	3.88	23.1

### SPECIFICATION:

SPECIFICATION:		HCP501AS-30W	HCP502AS-50W	HCP503AS-60W
ITEM	SPECIFICATION	DETAILS		
GENERAL PERFORMANCE	Power Consumption	30W	50W	60W
	Equivalent Wattage	100W MH	250W MH	325W MH
	Lumens Delivered	3900 lm	6500 lm	7800 lm
	Efficacy	130 lm/W		
	CRI	≥ 70		
	Color Temperature	4000K / 5000K / 5700K		
	L70 Lumen maintenance	50,000 hours		
ELECTRICAL	Power Factor	>0.9		
	Input Voltage	120-277V		
	Dimming	1-10v Dimming Range:10%-100%		
	Surge Protection	Surge protection: 4KV line-line, 6KV line-earth		
PHYSICAL	Mounting	Pole Pendent, Surface mounted		
	Operating Temperature	-40°F to 122°F		
	Humidity	20% to 80% RH non-condensing		
QUALIFICATION	Qualifications	UL Listed		
	Material Usage	RoHS compliant; no mercury		
	Environment	Indoor / Wet, IP66		
	Warranty	5 Year Warranty		

\*To stem mount product, remove hook in the field.

### LUMINOUS INTENSITY DISTRIBUTION CURVE:



### ACCESSORIES:

MODEL NUMBER	DESCRIPTION	IMAGE
External PIR/Microwave Motion sensor	External Bluetooth PIR ON / OFF sensor	
Wall Switch	Wireless Wall Switch	

### MORLINK CONTROLS:

#### Morlink® Wireless Controls:

Although wireless control has been developed by leaps and bounds, there are still various problems in actual use. Some networks want simple solutions that reduce energy consumption and meet code compliance while others are more ambitious, looking to capitalize on the LED and controls savings to fund a scalable, enterprise-grade, internet of things solution. The advantage of the Morlink® wireless platform is that it can be integrated into indoor, outdoor, and high-bay environments. Morlink® wireless control provides the infrastructure to make your building face the future, easily upgrade to a networked solution, and provide the ability to integrate into an IoT solution suitable for your business.

#### Note:

For intelligent control products, Morstar provides two solutions:

1. Purchase a Morlink controller to transform your existing product
2. You can also directly purchase the whole fixture integrated with Morlink® wireless controller. Since the sensor has been embedded in the fixture, the labor cost for installation can be greatly reduced.

### Main Functions of Morlink Commercial Lighting Solution



The parking facilities are more suitable for networking, and the interactive operating system can also monitor, diagnose and report on individual luminaire problems, including the time when the incident started.

The combination of smart systems and luminaires can maximize service life and save energy, while improving the experience of drivers and pedestrians.

In addition, it can help you get the most benefit from lighting.