

CANOPY LIGHT

The **MPulse Canopy** Light delivers powerful lighting in a sleek form factor ideal for parking garage and canopy applications. The luminaire is available with patent-pending visual comfort optics that distribute light through a non-pixelated light source, resulting in uniform, eye-pleasing illumination with minimal glare. Emergency battery-backup further enhances pedestrian and motorist safety. Simple-to-mount features enable one person to complete the installation, while exceptional lumen maintenance translates to years of energy and labor cost savings. Bringing an extraordinary blend of performance, value and aesthetics to otherwise ordinary spaces, the Canopy Light is part of a full architectural family that includes Wall Mount, Area, Flood and Bollard solutions.



DIMENSIONS: Please see page 2 for dimensional drawings.

PERFORMANCE:

- Available in lumen packages ranging from 3,790 lm to 6,920 lm
- LEDs have a calculated lumen maintenance value of >87% (L87) at 100,000 hours calculated at 25°C
- 120-277V dimming standard

OPTICS:

- Available in Canopy, Parking Garage, and Asymmetric distributions

OPTIONS:

- 10kV Surge Suppressor Standard
- High/Low/Off PIR fixture integrated photo/motion sensor compatible with FSIR-100 remote control

FINISHES:

- Satin bronze finish standard
- Also available in silver, black and white for custom orders
- Custom RALs available

CONTROLS:

Photo/Motion Sensor: The Wattstopper FSP-211 uses passive infrared (PIR) sensing technology to react to changes in infrared energy (i.e. moving body heat) within the coverage area. This slim, low-profile sensor is designed for installation inside the bottom of a light fixture body and is ideal for outdoor environments. The sensor operates at 120V/230V-240V and single phase 277V. The motion sensor is fully adjustable with dimmed light level options as well as on/off dusk to dawn control. Sensor can be combined with various lenses to operate at mounting heights from 8' to 40'. Factory settings can be adjusted via the FSIR-100, a wireless configuration tool. **Note that the sensor comes with photocell setting disabled and the FSIR-100 must be purchased if photocell functionality is desired.**

120-277VAC Photocontrol: Universal voltage photocontrols turn fixture on and off based on footcandle levels to help conserve energy during daylight hours. The operating temperature of the photocontrol is -30°F-120°F. Photocell mounted external.

CONSTRUCTION:

- Die Cast Aluminum housing
- Polycarbonate lens

MOUNTING:

- Latch design allows easy one person installation with the mounting plate
- Standard 3/4" NPT for pendant mounting (pendant by others)
- Standard adapter plate included for junction box mounting (junction box by others)
- Two side-mounted 1/2" NPT knockouts
- Cannot be mounted directly to combustible surfaces

ENVIRONMENT:

- Listed for use in wet locations to UL standards and IP66 rated

PHOTOMETRICS:

All .IES files available online.

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SPECIFICATIONS:

Item	Specification	28 WATTS - DETAILS			55 WATTS - DETAILS		
General Performance	Input Power (W)	28			56		
	Distribution	Canopy	Parking Garage	Asymmetric	Canopy	Parking Garage	Asymmetric
	Lumens Delivered @ 4000K (lm)	3945	3885	3875	6920	6720	6635
	Lumens Delivered @ 5000K (lm)	3870	3800	3790	6840	6655	6570
	Efficacy (lm/W)	up to 147			up to 122		
	CRI	>70					
	Calculated Lumen Maintenance (L87, TM-21 @ 25°C)	>100,000 hours					
	Color Temperature	Available in 3000K, 4000K, 5000K					
Electrical	Input Voltage	120-277V dimming standard					
	Power Factor	> 90%					
Physical	Housing	Die-cast aluminum					
Certification	Certification	DLC Premium, cULus Listed					
	Environment	Wet location rated, IP66					
	Warranty	10 years					
	Operating Temperature	-40°F - 122°F (-40°C - 50°C)					
	Humidity	10% - 90% RH, non condensing					

*Lighting layouts and spacing criteria available upon request.

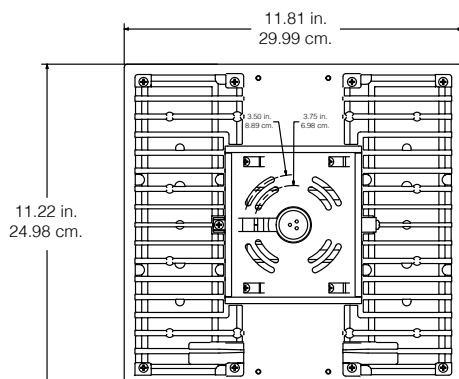
MODEL SELECTION Typical order example: MP-CP28UP-50B									
MP	-	CP		U		-			
FAMILY	-	SUB-FAMILY	WATTAGE	VOLTAGE	DISTRIBUTION	-	CCT	FINISH	OPTIONS
MP= MPulse	-	CP= Canopy Light	28= 28W, 150W MH equiv. 55= 56W, 250W MH equiv.	U= 120-277V	C= Canopy P= Parking Garage A= Asymmetric	-	30= 3000K ¹ 40= 4000K 50= 5000K	B= Bronze S= Silver L= Black ¹ W= White ¹	(BLANK)= None MS= Photo/Motion Sensor PC= 120-277V Photocell EM= Emergency Battery Backup

Notes:

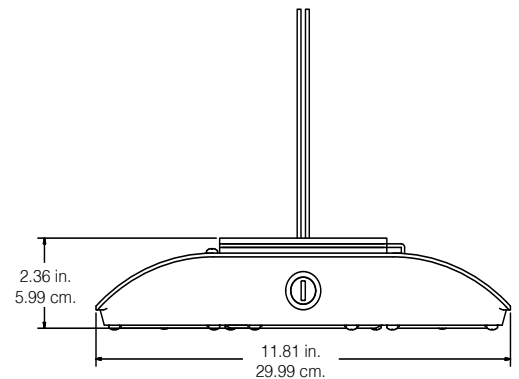
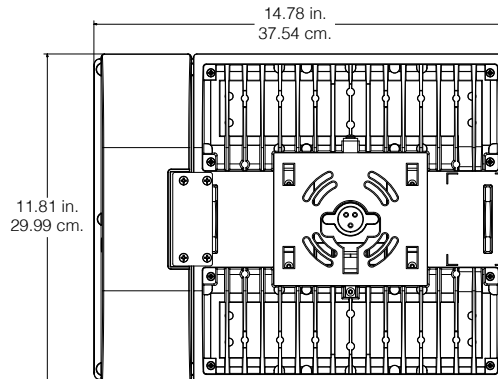
1. Custom options are special order. Contact your MaxLite representative for quantities and lead times.

DIMENSIONS:

STANDARD FIXTURE:

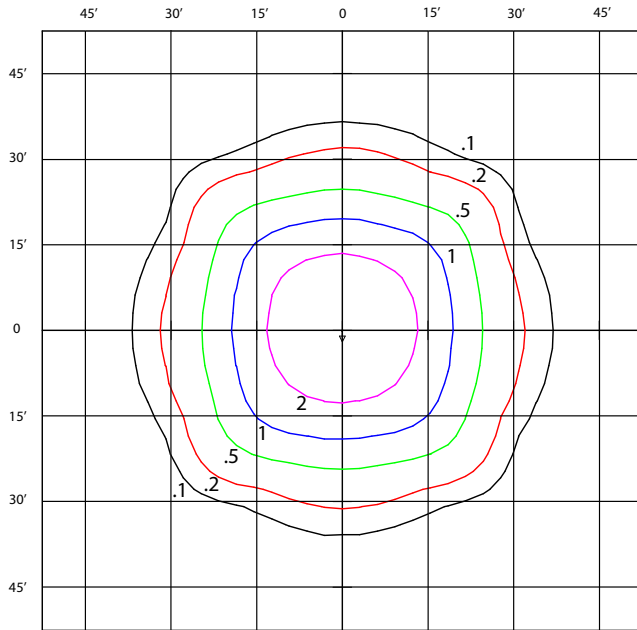


BATTERY BACKUP MODEL:



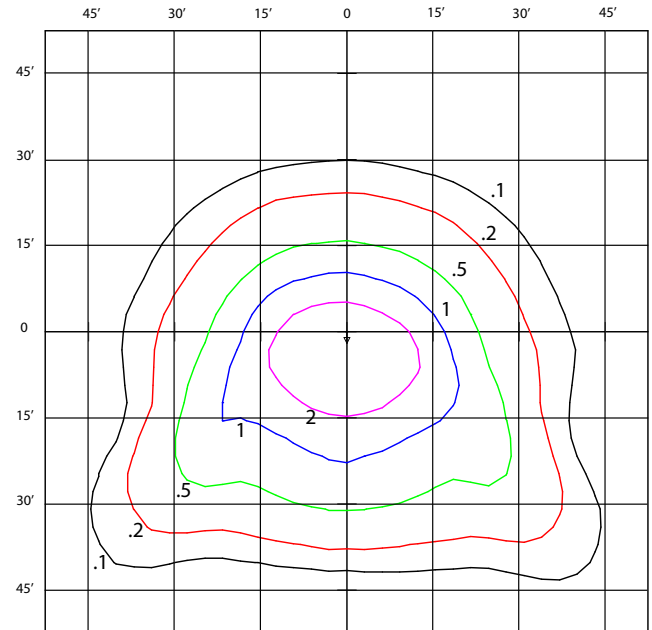
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PERFORMANCE:



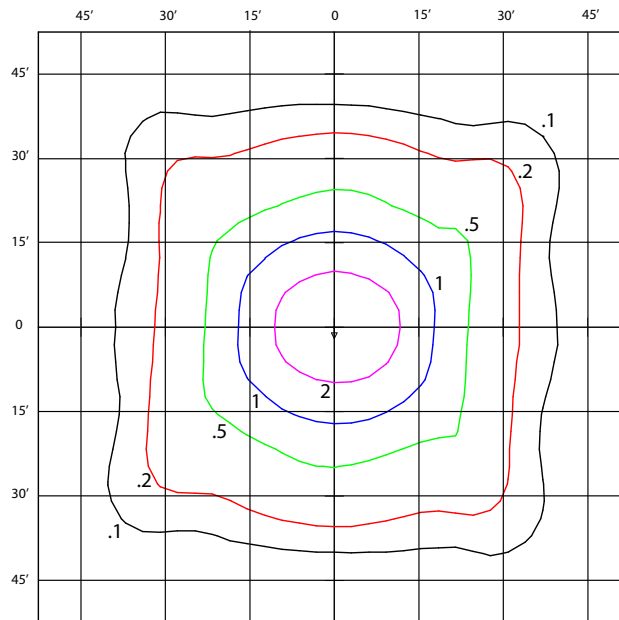
28W, Canopy Distribution
3870 Lumens
5000K
15' Mounting Height
Foot-candle Correction Factor:

New Height:	12'	15'	20'	25'
Multiply by:	0.8	1	1.33	1.67



28W, Asymmetric Distribution
3875 Lumens
5000 K
15' Mounting Height
Foot-candle Correction Factor:

New Height:	12'	15'	20'	25'
Multiply by:	0.8	1	1.33	1.67

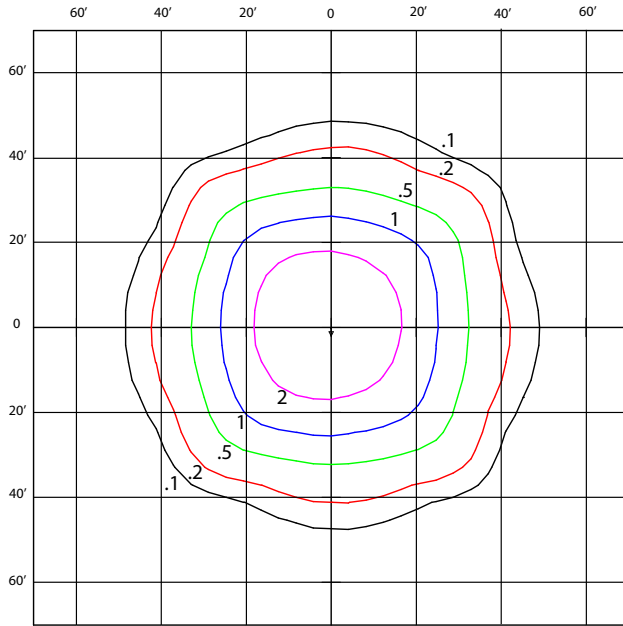


28W, Parking Garage Distribution
3800 Lumens
5000 K
15' Mounting Height
Foot-candle Correction Factor:

New Height:	12'	15'	20'	25'
Multiply by:	0.8	1	1.33	1.67

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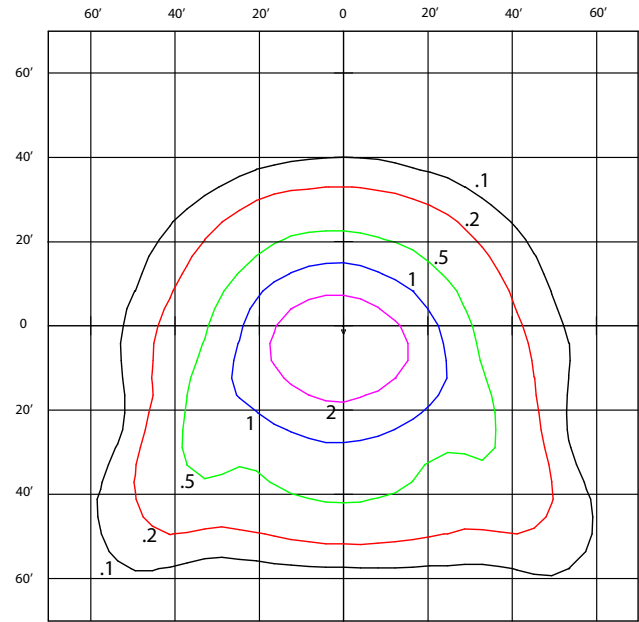
PERFORMANCE:



55W, Canopy Distribution
6840 Lumens
5000 K
20' Mounting Height

Foot-candle Correction Factor:

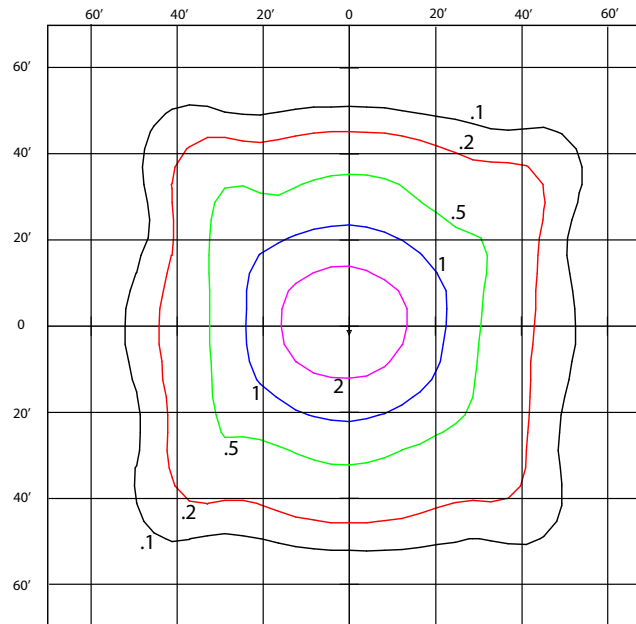
New Height:	12'	15'	20'	25'
Multiply by:	0.6	0.75	1	1.25



55W, Asymmetric Distribution
6570 Lumens
5000 K
20' Mounting Height

Foot-candle Correction Factor:

New Height:	12'	15'	20'	25'
Multiply by:	0.6	0.75	1	1.25



55W, Parking Garage Distribution
6655 Lumens
5000 K
20' Mounting Height



Foot-candle Correction Factor:

New Height:	12'	15'	20'	25'
Multiply by:	0.6	0.75	1	1.25



CANOPY LIGHT

ACCESSORIES:

Description	Item Number	Order Code	Image
MPULSE CANOPY BIRD COVER, BRONZE, 2 PC WITH HARDWARE	MP-CPBIRDCOVER-B	100442	
MPULSE CANOPY BIRD COVER, SILVER, 2 PC WITH HARDWARE	MP-CPBIRDCOVER-S	100443	
REMOTE HANDHELD CONFIGURATION TOOL (FOR USE WITH FSP-211 SENSOR)	FSIR-100	102184	