

## CP SERIES GARAGE LIGHT

Client:  
 Project:  
 Type:  
 Quantity:

### CONSTRUCTION

Rugged die-cast aluminum housing with corrosion resistant powder coat finish both protects and provides architectural appearance.

Heat dissipating fins provide superior thermal performance extending the life of the luminaire.

Feed-through wiring ready, 1/2" NPT threading with water tight cap.

### OPTICS

Type V Distribution

Lightly diffused lens for reduced LED pixelation and glare.

### ELECTRICAL

80+ CRI Lumileds LED.

-40°C up to 40°C (-40°F up to 104°F) maximum operating temperature

160,000 hr at L70 @ 25°C, 155,000 hr at L70 40°C.

Driver operates at 120-277V input, 50/60Hz, 1-10V dimming driver standard. Option to have dimming leads pulled out for easy connection.

<20% THD, 0.9 power factor.

Optional 10kV surge protector.

Optional Emergency Backup Battery.\*

### SENSORS (OPTIONAL)

SENSOR-819-O1 End mount on/off motion sensor with lowbay lens.

SENSOR-819-D1 End mount on/off/dimming and photocell sensor with lowbay lens.

SENSOR-BLE-819 End mount ALS CONTROL Bluetooth on/off motion sensor lowbay lens.

SENSOR-ANT-7 Integral Microwave Motion/on/off/dimming/photosensing.

CONTROL-LVFA AVI-ON Bluetooth Mesh Controller.

CONTROL-BLE-SK104-PH ALS Control Bluetooth Fixture Controller.

SENSOR-PH-PB-U Integral Button Style Photocell.

### MOUNTING

3/4" conduit entry on top for pendant mount

1/2" conduit entry on three sides

Surface Mount plate for mounting on 3" - 4" electrical box

### STANDARD FINISH

Corrosion resistant Dark Bronze and White powder coating finish.

### CUSTOM FINISH

Corrosion resistant Black, Graphite Metallic, Gray, Silver, or custom RAL#.

### CERTIFICATION

IP66 Wet location label standard.

Meets Buy America Act requirements.

All luminaires are built to UL1598 standards and bear appropriate cULus labels.

For Emergency application, equipment with UL924 certified battery packs.

### WARRANTY

5 year warranty, see Limited Warranty for additional information.



Dark Bronze Finish



White Finish

### SHIPPING DATA

Product	Measurement	Weight
CP-27	11"L x 11"W x 4"H	5.6 lb
CP-40	11"L x 11"W x 4"H	5.6 lb
CP-60	11"L x 11"W x 4"H	5.6 lb



## CP SERIES GARAGE LIGHT

ORDER INFORMATION					EXAMPLE : CP 40 50 PL JM DB UD		
Fixture	Series	Power & LM	CCT	Distribution	Mounting	Finish	Input
	CP			PL	JM		
A	SERIES						
	CP	Garage Light					
B	POWER & LM						
	Code	Power	LM				
	27	27W	3750lm				
	40	40W	5400lm				
	60	60W	8000lm				
C	CCT						
	40	4000K					
	50	5000K					
D	DISTRIBUTION						
	PL	Prismatic Lens					
E	MOUNTING						
	JM	Surface Mount (3/4" conduit entry on top)					
F	FINISH						
	Standard						
	DB	Dark Bronze		WH	White		
	Custom Color						
	CC	BK	Black	GM	Graphite Metallic	GR	Gray
		SV	Silver	RAL#			
G	INPUT						
	U	110-277V					
	UD	110-277V, 0-10V Dimmable					

## CP SERIES GARAGE LIGHT

### ORDER INFORMATION (CONTINUED)

#### Accessories

#### Options

### H

#### ACCESSORIES/OPTIONS

<b>AIA</b>	Assembled in America, compliant with BAA (COTS)
<b>EMB-CPBOX-8W-MST**</b>	External battery enclosure with 8W Emergency Battery
<b>SENSOR-PH-PB-U*</b>	Button Style Photocell
<b>SENSOR-819-01-L1 / L2*</b>	End mount on/off motion sensor w/lowbay lens / <b>L1</b> : up to 20FT, <b>L2</b> : up to 40FT
<b>SENSOR-819-D1-L1 / L2*</b>	End mount on/off/dimming and photocell sensor with lowbay lens / <b>L1</b> : up to 20FT, <b>L2</b> : up to 40FT
<b>SENSOR-BLE-819-L1*</b>	End Mount PIR Bluetooth Daylight Harvesting Sensor (ALS Control Mobile App) / <b>L1</b> : up to 20FT
<b>SENSOR-ANT-7*</b>	Integral Microwave Bi-Level Motion Sensor
<b>CONTROL-LVFA*</b>	AVI-ON Bluetooth Mesh Control System
<b>CONTROL-BLE-SK104-PH*</b>	Integral Bluetooth Fixture Controller w/Button Photocell (ALS Control Mobile App)
<b>SURGE-LSP4-U</b>	10kV inline Surge Protection for Universal input
<b>REMOTE-RC100</b>	Handheld Remote Commissioning Tool for SENSOR-819-D1/D2 Only, ANT Series

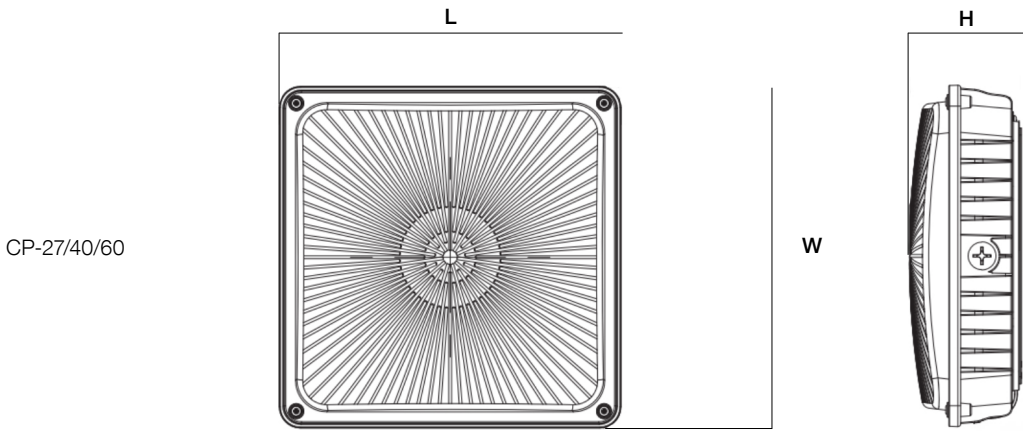
\*see page 7 for sensor spec

\*\*see page 8 for emb spec

CP SERIES GARAGE LIGHT

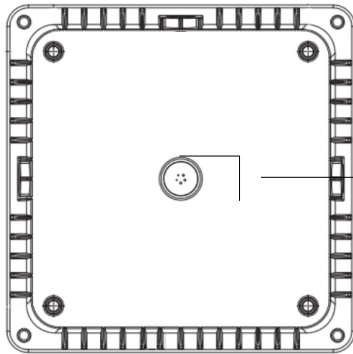
DIMENSIONS

Power	L	W	H
CP-27 / 40 / 60	9.57" (243mm)	9.57" (243mm)	3.07" (78mm)

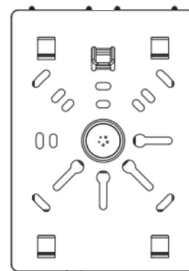
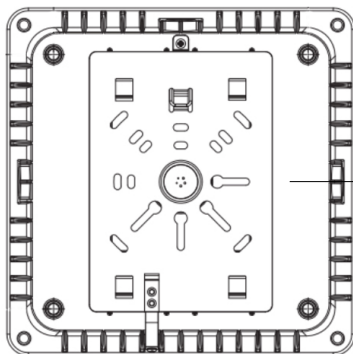


## CP SERIES GARAGE LIGHT

### MOUNTING OPTIONS



3/4" conduit entry on top for pendant mount



Surface Mount Plate  
For direct mounting with electrical box

## CP SERIES GARAGE LIGHT

### PERFORMANCE DATA

MODEL	VOLTAGE	WATTAGE	3000K		4000K		5000K		QTY ON PALLET
			LUMENS	LPW	LUMENS	LPW	LUMENS	LPW	
CP-27	120-277V	27W	-	-	3753	139	3807	141	252
CP-40	120-277V	40W	-	-	5350	134	5450	136	252
CP-60	120-277V	60W	-	-	7800	133	8000	133	210

## CP SERIES GARAGE LIGHT

### SENSOR SPEC

Model	Type	Mounting	Coverage	Input	Function	Programmable
SENSOR-PH-PB-U	-	-	-	Universal	Dusk-to-Dawn Control	-
CONTROL-LVFA (see page 9 for detail)	Fixture Controller	-	-	12V DC	Bluetooth Mesh On/Off/Dimming Scheduling	AVI-ON Bluetooth Mobile App
CONTROL-BLE-SK104-PH (see page 11 for detail)	Fixture Controller	-	-	12V DC	Bluetooth Mesh On/Off/Dimming Scheduling CCT Tuning	ALS Control Bluetooth Mobile App
SENSOR-819-O1	PIR	L1 - 20FT L2 - 40FT	30FT radius 30FT radius	Universal	On/Off	-
SENSOR-819-D1	PIR	L1 - 20FT L2 - 40FT	30FT radius 30FT radius	Universal	On/Off/Dimming	REMOTE-RC100
SENSOR-BLE-819 (see page 9 for detail)	PIR	L1 - 20FT	30FT radius	Universal	Bluetooth Mesh On/Off/Dimming Daylight Harvesting	ALS Control Bluetooth Mobile App
SENSOR-ANT-7	Microwave	up to 12FT	17FT radius	10V DC	On/Off/Dimming Motion Daylight Sensing	REMOTE-RC100



SENSOR-PH-PB-U



CONTROL-LVFA



CONTROL-BLE-SK104-PH



SENSOR-819-O  
SENSOR-819-D  
SENSOR-BLE-819

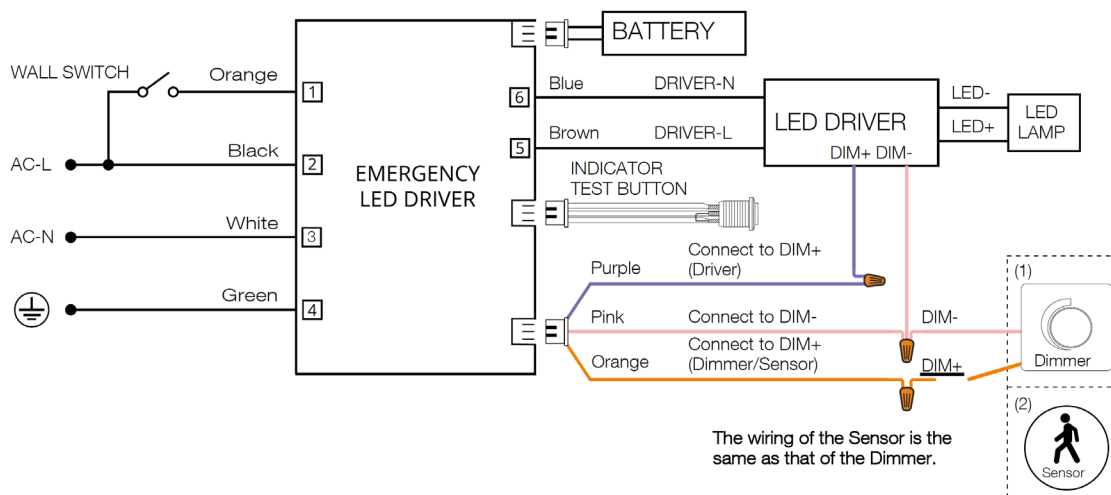


SENSOR-ANT-7

## CP SERIES GARAGE LIGHT

### EMB SPEC

Model	Battery Capacity	Input	Output	Output Power	Operating Temp	Installation
EMB-CPBOX-8W-MST	90mins	100-347VAC	170VDC	8W	0°C ~ 50°C 32°F ~ 122°F	Field Install Factory Install





## CP SERIES GARAGE LIGHT

### CONTROL-LVFA SPEC

#### Status LEDs & Config Button

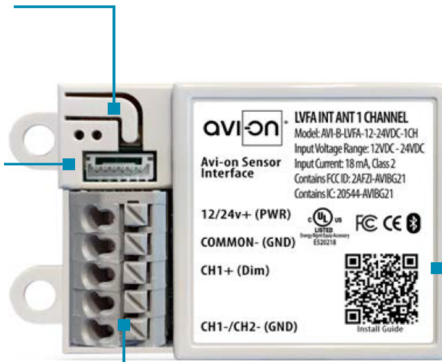
Quick and easy validation of wiring and network

#### Direct Connect™ Sensor Port

Simple and cost-effective addition to Avi-on sensors

#### Terminal Blocks & Mounting Tabs

Faster, easier and lower cost installation eliminating connectors



#### Internal Antenna

Improved performance and eliminates risk of accidentally cutting a hanging wire

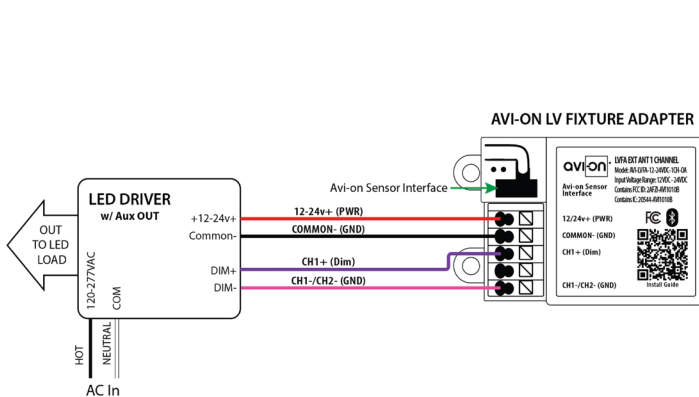
### SPECIFICATIONS

**INPUT VOLTAGE:** 12-24VDC  
**CURRENT:** 15mA without a Sensor  
 19mA with a DC PIR Sensor  
 48mA with a DC Microwave Sensor  
**0-10V DIMMING:** 12-24VDC  
**SIZE:** 2.30in x 1.43in x 0.75in  
 (58.2mm x 36.4mm x 19mm)  
**MOUNTING:** Removable mounting tabs  
**WEIGHT:** 0.45 oz (16g)  
**OPERATING TEMP:** -22°F to +158°F (-30°C to + 70°C)

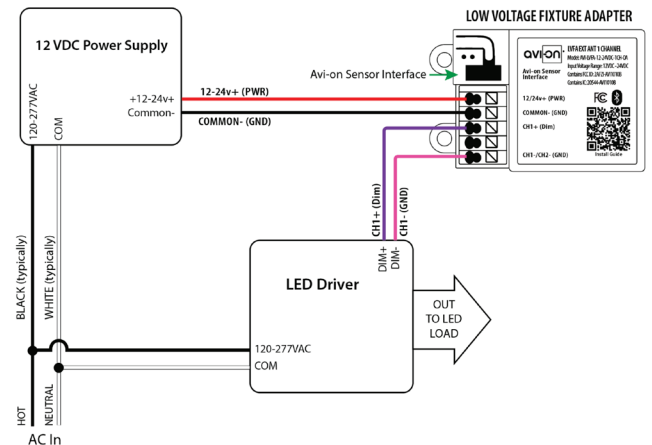
**RADIO FREQUENCY:** 2.4GHz  
**WIRELESS STANDARD:** BLE 4.2 with Mesh  
**POINT TO POINT RANGE\*:** 80ft with obstructions  
 350ft unobstructed  
**SECURITY:** AES 128-bit encryption for device to device communication  
 AES 256-bit encryption for device to cloud communication  
**WARRANTY:** 5 years; 10 years optional  
**REGULATORY:** FCC: 2AFZI-AVI1010 B  
 IC: 20544-AVI1010 B  
 BQB: D031801, DID: 86303  
 UL 916, 2043 (Plenum Rated)

\*When communicating through the mesh, range is essentially unlimited (5000ft+)

### WIRING DIAGRAM



Fixture adapter powered by LED driver auxiliary output



Fixture adapter connected to LED driver and using power supply

### FEATURE

- **Installation:** Factory or Field Install End Mount to Fixture
- **Commissioning:** Wirelessly through ALS Control Mobile App (iOS / Android)
- **Certification:** DLC 5.1 Networked Lighting Control System
- **Control:** Hold time, High-Low setting, continuous Bi-level dimming, Code-compliant manual-on or auto-off capability
- **Sensor:** Motion (Occupancy/Vacancy/Manual) and Daylight Harvesting
- **Room and Zone Control:** Zoning and Grouping control, Scheduling

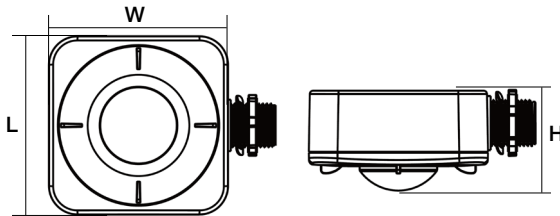


### SPECIFICATIONS

**SENSOR TYPE:** Passive Infrared Sensor (PIR)  
**WIRELESS STANDARDS:** Bluetooth SIG Mesh  
**INPUT VOLTAGE:** 120/277VAC  
**CONTROL OUTPUT:** 0-10V  
**OPERATING TEMP:** -40°F ~ +167°F (-40°C ~ +75°C)

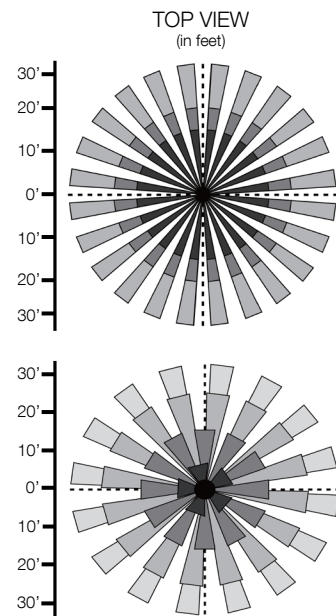
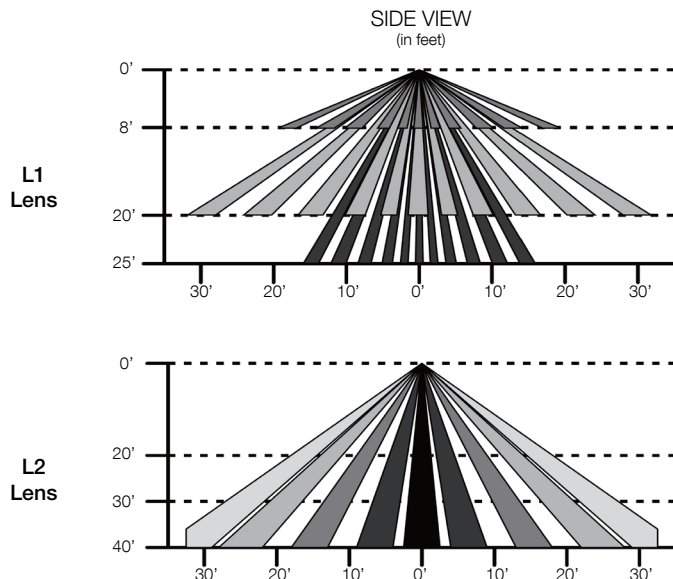
**COMMISSIONING RANGE:** 50FT  
**BLUETOOTH RANGE:** Integral antenna up to 100FT  
**DETECTION ANGLE:** Vertical 90° x Horizontal 360°  
**MOUNTING HEIGHT:** 8 - 40FT  
**WARRANTY:** 5 years  
**IP RATING:** IP20 Damp

### DIMENSIONS



L	W	H
3.19" (81mm)	4.02" (102mm)	1.70" (43.3mm)

### COVERAGE PATTERNS



### FEATURE

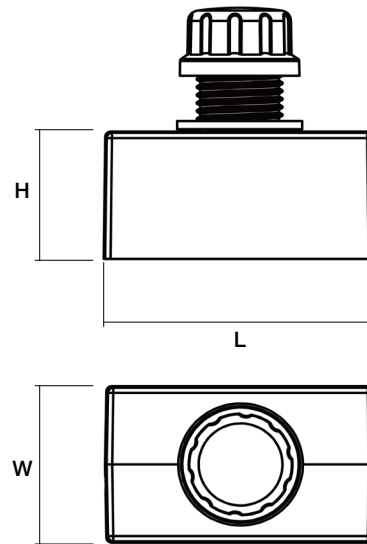
- **Installation:** Factory / Jobsite install through 1/2" knockout hole, 12V AUX power required
- **Commissioning:** Wirelessly through ALS Control Mobile App (iOS / Android)
- **Certification:** DLC 5.1 Networked Lighting Control System
- **Control:** High-End Trim, Zoning, Continuous Bi-level Dimming
- **CCT Tuning:** CCT Tuning feature for Dual/Multi-CCT LED board fixture only
- **Sensor:** Photocell
- **Zone Control:** Zoning and Grouping control, Scheduling



### SPECIFICATIONS

<b>SENSOR TYPE:</b>	Photocell
<b>WIRELESS STANDARDS:</b>	5.0 Bluetooth Mesh
<b>INPUT VOLTAGE:</b>	12-14VDC, >50mA
<b>CONTROL OUTPUT:</b>	0-10V
<b>OPERATING TEMP:</b>	-40°F ~ +158°F (-40°C ~ +70°C)
<b>COMMISSIONING RANGE:</b>	50FT
<b>BLUETOOTH RANGE:</b>	100FT
<b>DETECTION ANGLE:</b>	360°
<b>WARRANTY:</b>	5 years
<b>IP RATING:</b>	IP65

### DIMENSIONS



L	H	W
1.14" (29mm)	0.94" (24mm)	1.97" (50mm)

### WIRING DIAGRAM

