

## CPGM SERIES FUEL STATION CANOPY

Client:  
Project:  
Type:  
Quantity:

### CONSTRUCTION

Rugged die-cast aluminum housing with corrosion resistant powder coat finish.  
Heat dissipating fins provide superior thermal performance extending the life of the luminaire.  
LED array and electrical components are in insulated compartment.  
Suitable for surface or pendant installation.



### OPTICS

Tempered glass lens designed for maximum protection and excellent efficiency.  
Standard Type V Distribution, available option for Type III.



### ELECTRICAL

80+ CRI Lumileds LED.  
-40°C up to 45°C (-40°F up to 113°F) maximum operating temperature  
160,000 hr at L70 @ 25°C, 75,000 hr at L70 40°C.  
Driver operates at 120-277V input, 50/60Hz. <20% THD, 0.9 power factor.  
Optional 347V / 480V Driver.

### SENSORS (OPTIONAL)

SENSOR-BLE-7D Integral Microwave sensor ALS Control bluetooth/on/off/dimming/  
photosensing.  
CONTROL-LVFA AVI-ON Bluetooth Mesh Controller.

### MOUNTING

3/4" conduit entry on top for pendant mount.  
Surface mount box included.

### SHIPPING DATA

Product	Measurement	Weight
CPGM-100	16" L x 16" W x 5" H	11 lb
CPGM-135	16" L x 16" W x 5" H	11 lb
CPGM-150	16" L x 16" W x 5" H	14 lb

### STANDARD FINISH

Corrosion resistant White powder coating finish.

### CUSTOM FINISH

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

### CERTIFICATION

Meets Buy America Act requirements.  
IP66 Wet location label standard.  
All luminaires are built to UL1598 standards and bear appropriate cULus labels.  
For Emergency application, equipment with UL924 certified battery packs.  
DLC® Premium (DesignLights Consortium Qualified)



### WARRANTY

5 year warranty, see Limited Warranty for additional information.



## CPGM SERIES FUEL STATION CANOPY

ORDER INFORMATION								EXAMPLE : CPGM 100 50 T5 SM WH UD
Fixture	Series	Power & LM	CCT	Distribution	Mounting	Finish	Input	
	<b>CPGM</b>	<b>100</b>	<b>50</b>	<b>T5</b>	<b>SM</b>	<b>WH</b>	<b>UD</b>	
Accessories Options								
<b>A</b>	<b>SERIES</b>							
	CPGM	Fuel Station Canopy						
<b>B</b>	<b>POWER &amp; LM</b>							
Code	Power	LM						
100	100W	15,000						
135	135W	21,000						
150	150W	23,500						
<b>C</b>	<b>CCT</b>							
40	4000K							
50	5000K							
<b>D</b>	<b>DISTRIBUTION</b>							
T3	Type III distribution (made to order)							
T5	Type V distribution (standard)							
<b>E</b>	<b>MOUNTING</b>							
SM	4" Stem with Surface Mount Box (3/4" conduit entry on top center)							
<b>F</b>	<b>FINISH</b>							
Standard								
WH	White							
Custom Color								
CC	DB	Dark Bronze	BK	Black	GM	Graphite Metallic		
	GR	Gray	SV	Silver	RAL#			
<b>G</b>	<b>INPUT</b>							
UD	120-277V, 1-10V Dimming							
HD	347-480V, 1-10V Dimming							
<b>H</b>	<b>ACCESSORIES/OPTIONS</b>							
AIA	Assembled in America, compliant with BAA (COTS)							
SENSOR-BLE-7D*	Integral Bluetooth Microwave Motion Sensor (ALS Control Mobile App)							
CONTROL-LVFA*	AVI-ON Bluetooth Mesh Control System							

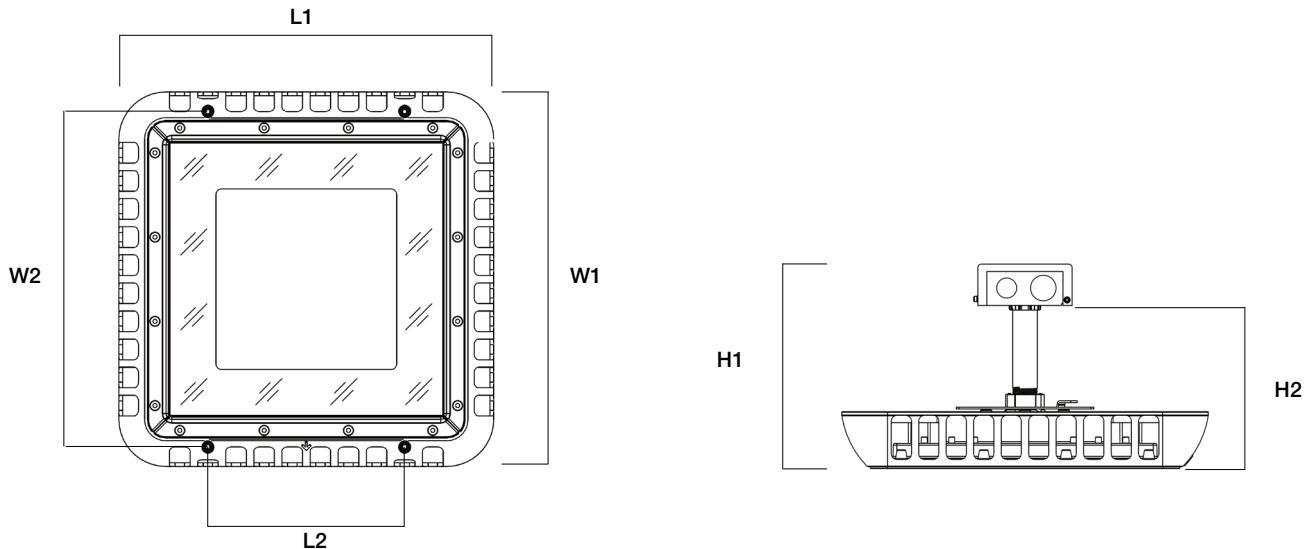
\*see page 4 for sensor spec

## CPGM SERIES FUEL STATION CANOPY

### Dimensions

Power	L1	L2	W1	W2	H1	H2
100W / 135W / 150W	15.75" (400mm)	8.58" (218mm)	15.75" (400mm)	14.65" (372mm)	8.78" (223mm)	7.28" (185mm)

Including a 4" long 3/4" Stem



## CPGM SERIES FUEL STATION CANOPY

### SENSOR SPEC

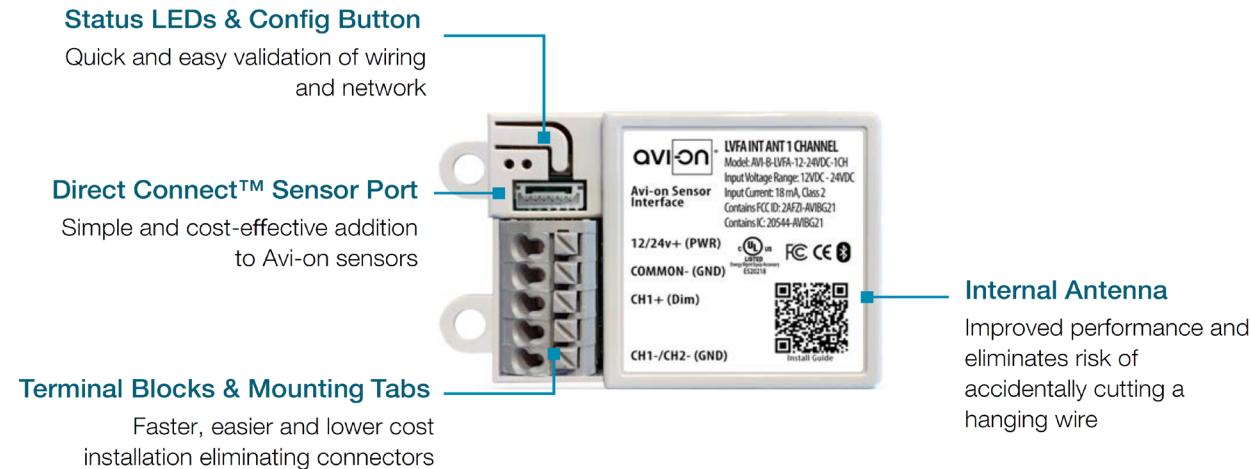
Model	Type	Mounting	Coverage	Input	Function	Programmable
CONTROL-LVFA (see page 5 for detail)	Fixture Controller	-	-	12V DC	Bluetooth Mesh On/Off/Dimming Scheduling	AVI-ON Bluetooth Mobile App
SENSOR-BLE-7D (see page 6 for detail)	Microwave	up to 12FT	17FT radius	10V DC	Bluetooth Mesh On/Off/Dimming Motion	ALS Control Bluetooth Mobile App



CONTROL-AVI-LVFA    SENSOR-BLE-7D

## CPGM SERIES FUEL STATION CANOPY

### CONTROL-LVFA SPEC



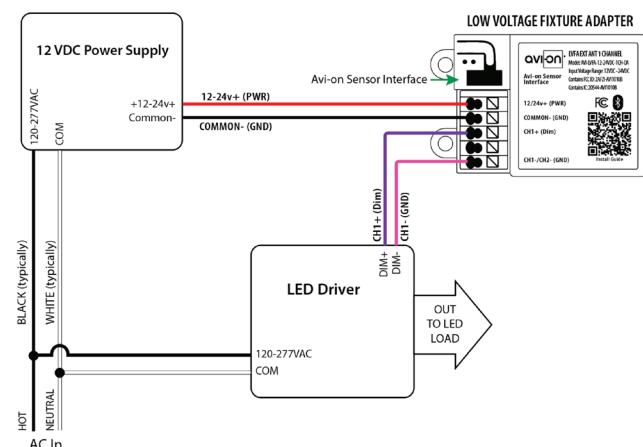
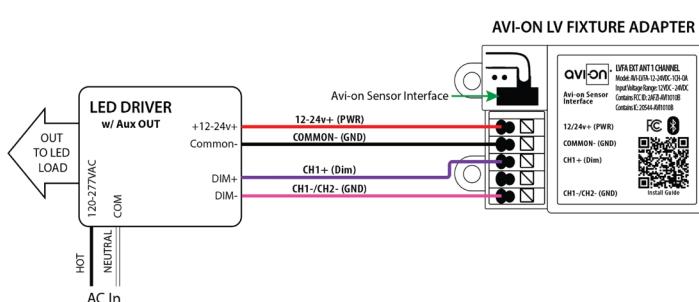
### SPECIFICATIONS

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

<b>RADIO FREQUENCY:</b>	2.4GHz
<b>WIRELESS STANDARD:</b>	BLE 4.2 with Mesh
<b>POINT TO POINT RANGE*:</b>	80ft with obstructions 350ft unobstructed
<b>SECURITY:</b>	AES 128-bit encryption for device to device communication AES 256-bit encryption for device to cloud communication
<b>WARRANTY:</b>	5 years; 10 years optional
<b>REGULATORY:</b>	FCC: 2AFZ1-AV1010 B IC: 20544-AV1010 B BQB: D031801, DID: 86303 UL 916, 2043 (Plenum Rated)

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

### WIRING DIAGRAM



## FEATURE

- **Installation:** Factory Install - Integral 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)
- **Room and Zone Control:** Zoning and Grouping control, Scheduling



## SPECIFICATIONS

**SENSOR TYPE:** Microwave

**WIRELESS STANDARDS:** Bluetooth SIG Mesh

**INPUT VOLTAGE:** 10-14VDC, >50mA

**CONTROL OUTPUT:** 0-10V

**OPERATING TEMP:** -40°F ~ +158°F (-40°C ~ +70°C)

**COMMISSIONING RANGE:** 50FT

**BLUETOOTH RANGE:** Integral antenna up to 164FT

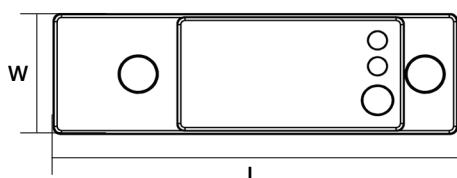
**DETECTION ANGLE:** 360°

**MOUNTING HEIGHT:** Up to 12FT

**WARRANTY:** 5 years

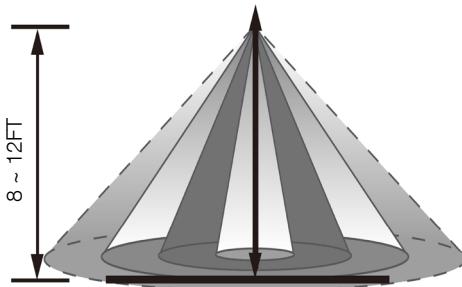
**IP RATING:** IP20

## DIMENSIONS

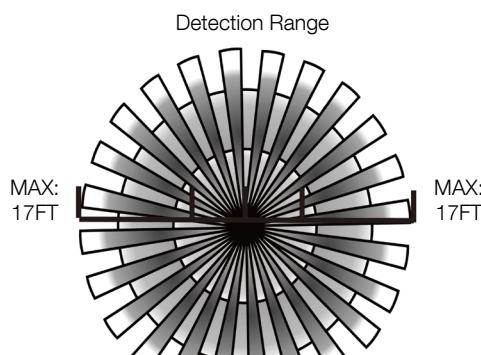


L	W
2.6" (65.5mm)	0.8" (20.5mm)

## COVERAGE PATTERNS



Height of Installation 8 ~12FT



Height of Installation 8FT

