

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.

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.



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 |



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ORDER INFORMATION **EXAMPLE : CPGM 100 50 T5 SM WH UD**

| Fixture | Series | Power & LM | CCT | Distribution | Mounting | Finish | Input |
|---------|-------------|------------|-----------|--------------|-----------|-----------|-----------|
| | CPGM | 100 | 50 | T5 | SM | WH | UD |

Accessories
Options

A SERIES

CPGM Fuel Station Canopy

B POWER & LM

| Code | Power | LM |
|------------|-------|--------|
| 100 | 100W | 15,000 |
| 135 | 135W | 21,000 |
| 150 | 150W | 23,500 |

C CCT

| | |
|-----------|-------|
| 40 | 4000K |
| 50 | 5000K |

D DISTRIBUTION

| | |
|-----------|---------------------------------------|
| T3 | Type III distribution (made to order) |
| T5 | Type V distribution (standard) |

E MOUNTING

SM 4" Stem with Surface Mount Box (3/4" conduit entry on top center)

F FINISH

Standard

WH White

Custom Color

| | | | |
|-----------|-----------------------|------------------|-----------------------------|
| CC | DB Dark Bronze | BK Black | GM Graphite Metallic |
| | GR Gray | SV Silver | RAL# |

G INPUT

| | |
|-----------|-------------------------|
| UD | 120-277V, 1-10V Dimming |
| HD | 347-480V, 1-10V Dimming |

H ACCESSORIES/OPTIONS

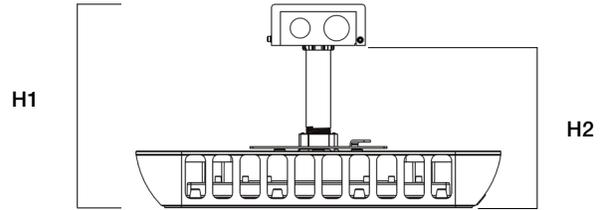
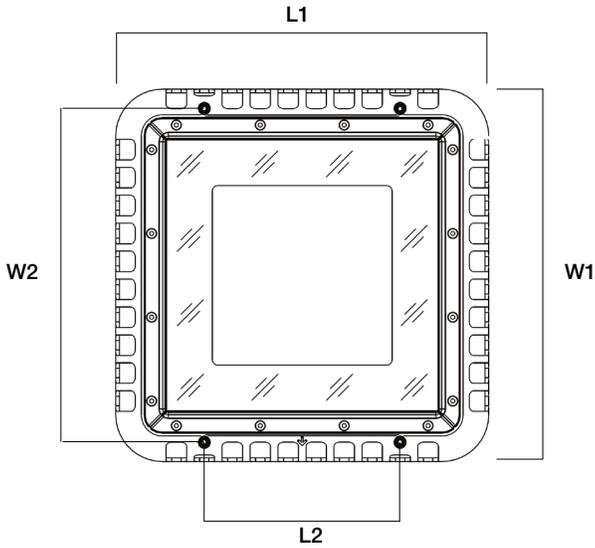
| | |
|-----------------------|---|
| BAA | Assembled in America, compliant with BAA (COTS) |
| SENSOR-BLE-7D* | Integral Bluetooth Microwave Motion Sensor (ALS Control Mobile App) |
| CONTROL-LVFA* | AVI-ON Bluetooth Mesh Control System |

*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 |



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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

Status LEDs & Config Button

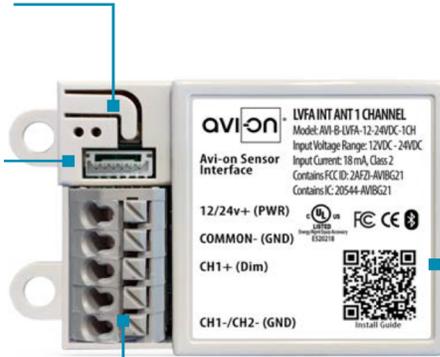
Quick and easy validation of wiring and network

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

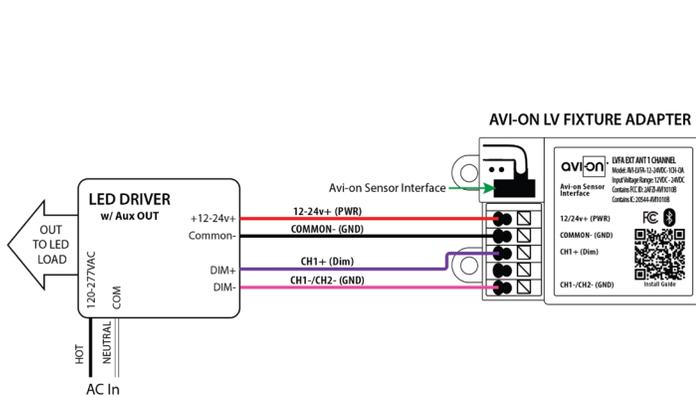
SPECIFICATIONS

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)

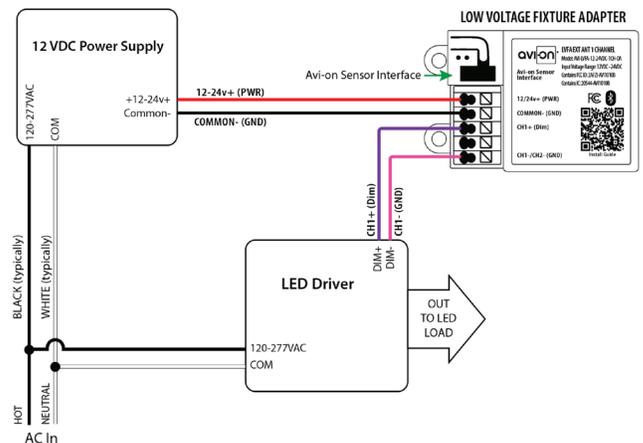
RADIO FREQUENCY: 2.4GHz
WIRELESS STANDARD: BLE 4.2 with Mesh
POINT TO POINT RANGE*: 80ft with obstructions
 350ft unobstructed
SECURITY: AES 128-bit encryption for device to device communication
 AES 256-bit encryption for device to cloud communication
WARRANTY: 5 years; 10 years optional
REGULATORY: 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 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

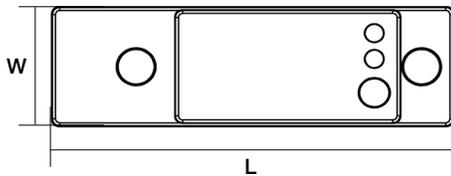


SPECIFICATIONS

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)

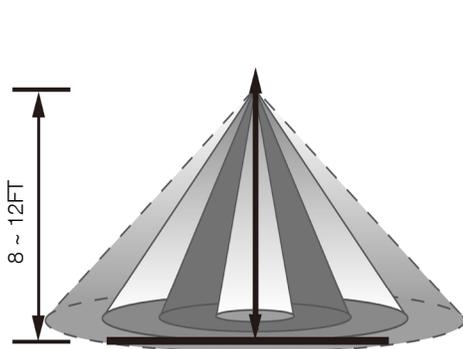
COMMISSIONING RANGE: 50FT
BLUETOOTH RANGE: Integral antenna up to 164FT
DETECTION ANGLE: 360°
MOUNTING HEIGHT: Up to 12FT
WARRANTY: 5 years
IP RATING: IP20

DIMENSIONS

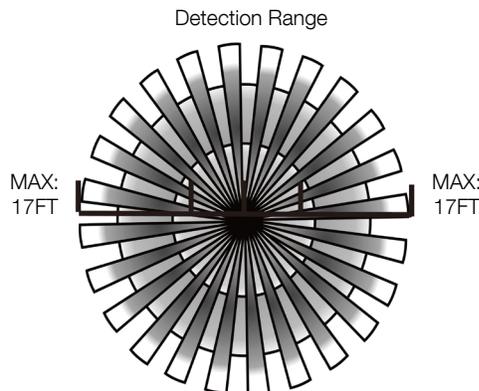


| L | W |
|------------------|------------------|
| 2.6" (65.5mm) | 0.8" (20.5mm) |

COVERAGE PATTERNS



Height of Installation 8 ~12FT



Height of Installation 8FT

