# ALS®
Advantage Lighting Solutions

## CPG SERIES FUEL STATION CANOPY

## 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 positioned in insulated housing.
3/4" NPT threaded top wire entry, suitable for surface or pendant installation.

## OPTICS
Type V Distribution
Lightly diffused lens for reduced LED pixelation and glare.

## 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.

## CONTROL (OPTIONAL)
CONTROL-XFAC AVI-ON Bluetooth Zone Controller Adapter

## MOUNTING
3/4" conduit entry on top for pendant mount.
Surface Mount by screw through 4 corners of fixture body.

## 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 |
|---|---|---|
| CPG-150 | 17"L x 17"W x 5"H | 15 lb |

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## CPG SERIES  FUEL STATION CANOPY

### ORDER INFORMATION                                    EXAMPLE: CPG 150 50 PL SM WH U

| Fixture | Series | Power & LM | CCT | Distribution | Mounting | Finish | Input |
|---------|--------|-----------|-----|--------------|----------|--------|-------|
|         | CPG    | 150       | 50  | PL           | SM       | WH     | U     |

Accessories
Options

---

**A**  SERIES

| | |
|---|---|
| **CPG** | Fuel Station Canopy |

**B**  POWER & LM

| Code | Power | LM |
|------|-------|-----|
| **150** | 150W | 20250 |

**C**  CCT

| | |
|---|---|
| **50** | 5000K |

**D**  DISTRIBUTION

| | |
|---|---|
| **PL** | Prismatic Lens |

**E**  MOUNTING

| | |
|---|---|
| **SM** | Surface Mount (3/4" conduit entry on top center) |

**F**  FINISH

| Standard | | | | | | |
|----------|---|---|---|---|---|---|
| **WH** | White | | | | | |
| Custom Color | | | | | | |
| **CC** | **BK** | Black | **GM** | Graphite Metallic | **GR** | Gray |
| | **SV** | Silver | **DB** | Dark Bronze | **RAL#** | |

**G**  INPUT

| | |
|---|---|
| **U** | 120-277V |

**H**  ACCESSORIES/OPTIONS

| | |
|---|---|
| **AIA** | Assembled in America, compliant with BAA (COTS) |
| **CONTROL-XFAC*** | AVI-ON Bluetooth Zone Controller Adapter |

*see page 4 for sensor spec

## DIMENSIONS

| Power | L | W | H |
|-------|---|---|---|
| 150W | 15.00" (380mm) | 15.00" (380mm) | 3.07" (76mm) |

## MOUNTING OPTIONS

3/4" conduit entry on top for pendant mount

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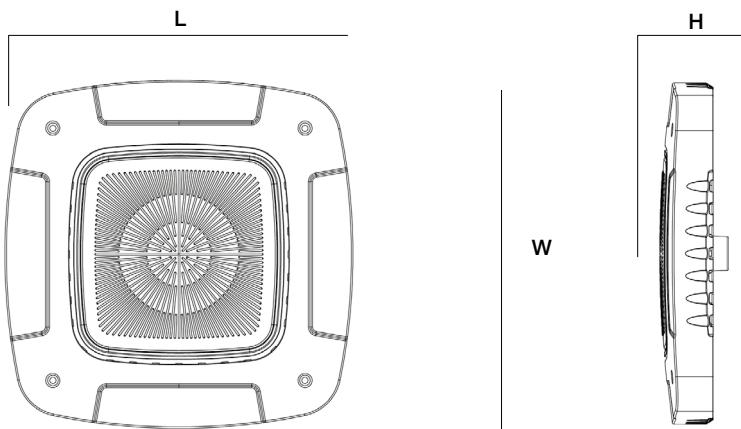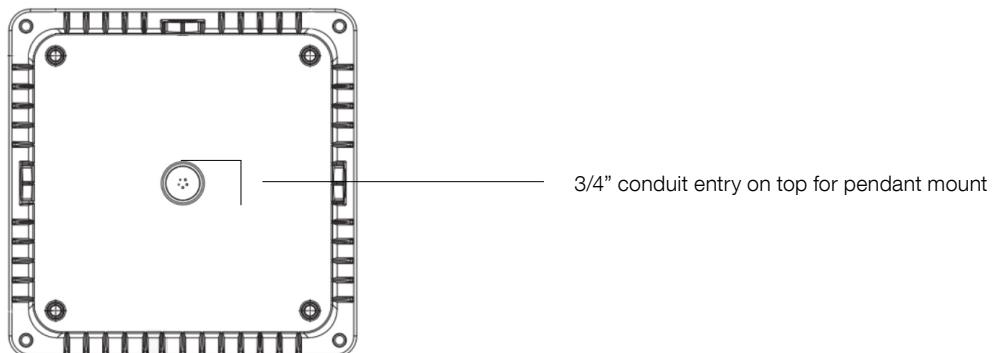
## SENSOR SPEC

| Model | Type | Mounting | Coverage | Input | Function | Programmable |
|---|---|---|---|---|---|---|
| CONTROL-XFAC<br>(see page 5 for detail) | Fixture Controller | - | - | 100-277VAC | Bluetooth On/Off/Dimming Scheduling | AVI-ON Bluetooth Mobile App |



CONTROL-XFAC

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## CONTROL-XFAC SPEC

**Status LEDs & Config Button**
Quick and easy validation of wiring and network

**General Sensor Input Port**
24V DC power and contact closure Input for standard motion sensors

**Direct Connect™ Sensor Port**
Simple power and communications to Avi-on Sensors

**Energy Consumption Monitoring**
0.5% Accurate measured 15 minute energy consumption
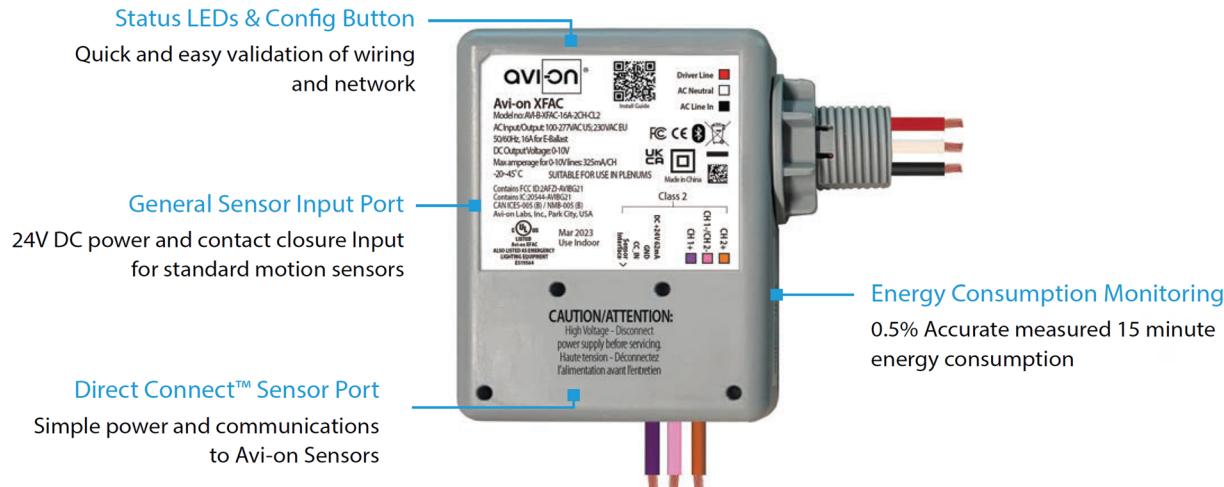
## SPECIFICATIONS

| | | | |
|---|---|---|---|
| **INPUT VOLTAGE:** | 100-277VAC | **RADIO FREQUENCY:** | 50/60Hz |
| **CURRENT:** | | **RELAY CURRENT:** | 16A |
| | MIN: 20 / 14mA | **PROTECTION/IMMUNITY:** | LEVEL 4 |
| | MAX: 81 / 46mA | | Contact Discharge: ± 8kV |
| | | | Air Discharge: ±12kV |
| **0-10V DIMMING:** | 100-277VAC | **AMPERAGE FOR 0-10V LINES:** | 325mA / CH |
| **SIZE:** | 3.58" x 3.58" x 1.57" | **WARRANTY:** | 5 years |
| | (91mm x 91mm x 40mm) | **REGULATORY:** | FCC: 2AFZI-AVIBG21 |
| **STORAGE TEMP:** | -40°F to + 185°F (-40°C to + 85°C) | | IC: 20544-AVBG21 |
| **OPERATING TEMP:** | -4°F to + 113°F (-20°C to + 45°C) | | BQB: D059595, DID: 185220 |
| | | | UL 924, 2043 |

## WIRING DIAGRAM

**CLASS 1**

AVI-ON XFAC Zone Control

Sensor Interface
CC_IN

ISOLATED CONTROL

J-Box or Wireway/Raceway or Luminaire

OPTIONAL, CAP OFF IF UNUSED

BLACK / WHITE / RED / PURPLE / PINK / ORANGE

0-10V (DIM #2/CCT)
0V
0-10V (DIM #1)
SWITCHED LOAD

LINE
NEUTRAL
GROUND

FROM BREAKER

NEUTRAL
GROUND

TO DIMMING BALLAST (located in luminaire)

**CLASS 2**

AVI-ON XFAC Zone Control

Sensor Interface
CC_IN

OPTIONAL, CAP OFF IF UNUSED

ORANGE — 0-10V (DIM #2/CCT)
PINK — 0V
PURPLE — 0-10V (DIM #1)

TO DIMMING BALLAST (located in luminaire)

ISOLATED CONTROL

J-Box or Wireway/Raceway or Luminaire

BLACK / WHITE / RED

LINE
NEUTRAL
GROUND

FROM BREAKER

SWITCHED LOAD
NEUTRAL
GROUND

TO NEXT JUNCTION/LUMINAIRE

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