CPGM 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 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.

SENSORS (OPTIONAL)

SENSOR-BLE-7D Integral Mircowave 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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ALS®
Advantage Lighting Solutions

CPGM SERIES FUEL STATION CANOPY

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

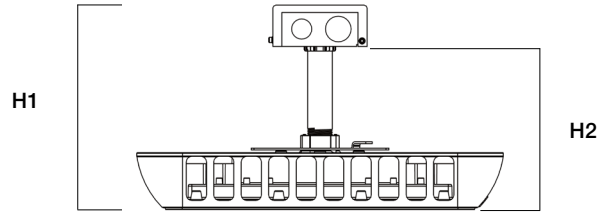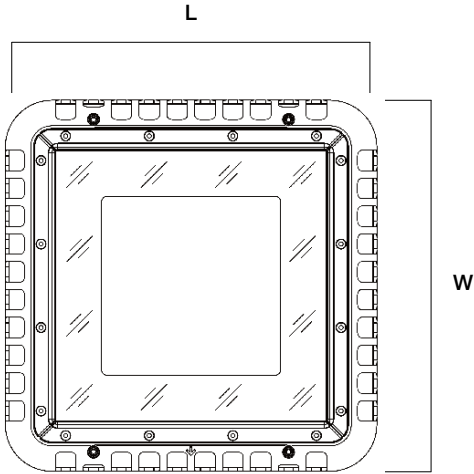**H**   **ACCESSORIES/OPTIONS**

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

Dimensions

Power	L	W	H1	H2
100W / 135W / 150W	15.75" (400mm)	15.75" (400mm)	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

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CONTROL-LVFA SPEC

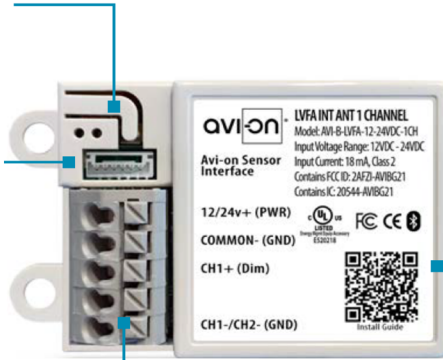**Status LEDs & Config Button**
Quick and easy validation of wiring and network

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
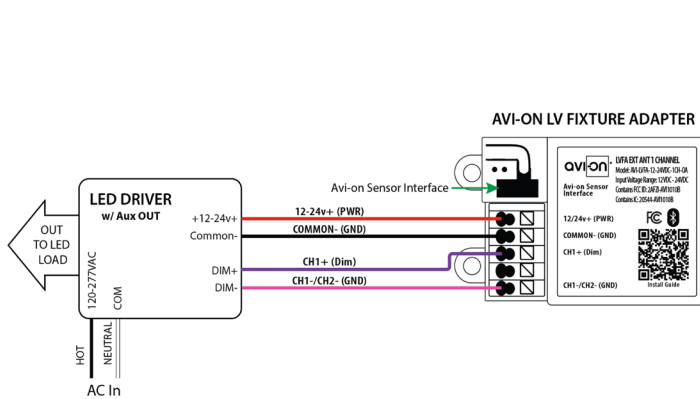Improved performance and eliminates risk of accidentally cutting a hanging wire

SPECIFICATIONS

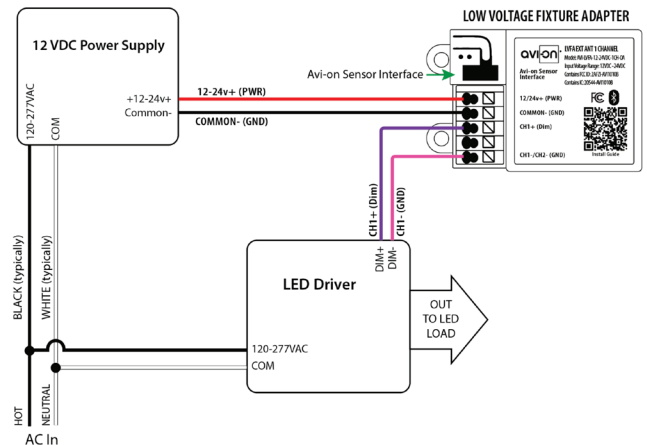|	
INPUT VOLTAGE:	12-24VDC
CURRENT:	15mA without a Sensor
	19mA with a DC PIR Sensor
	48mA with a DC Microwave Sensor
0-10V DIMMING:	12-24VDC
SIZE:	2.30in x 1.43in x 0.75in
	(58.2mm x 36.4mm x 19mm)
MOUNTING:	Removable mounting tabs
WEIGHT:	0.45 oz (16g)
OPERATING TEMP:	-22°F to +158°F (-30°C to + 70°C)

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

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ALS CONTROL

SENSOR-BLE-7D BLUETOOTH MICROWAVE SENSOR

Client:
Project:
Type:
Quantity:

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)
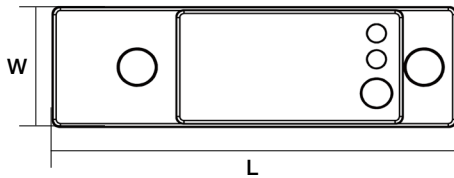- **Room and Zone Control:** Zoning and Grouping control, Scheduling

SPECIFICATIONS

SENSOR TYPE:	Microwave	**COMMISSIONING RANGE:**	50FT
WIRELESS STANDARDS:	Bluetooth SIG Mesh	**BLUETOOTH RANGE:**	Integral antenna up to 164FT
INPUT VOLTAGE:	10-14VDC, >50mA	**DETECTION ANGLE:**	360°
CONTROL OUTPUT:	0-10V	**MOUNTING HEIGHT:**	Up to 12FT
OPERATING TEMP:	-40°F ~ +158°F (-40°C ~ +70°C)	**WARRANTY:**	5 years
		IP RATING:	IP20

DIMENSIONS

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

COVERAGE PATTERNS

Height of Installation 8 ~12FT

Detection Range

MAX: 17FT   MAX: 17FT

Height of Installation 8FT

Detection Angle
360