



SMPR SERIES SURFACE MOUNT PANEL ROUND

Client:
Project:
Type:
Quantity:

CONSTRUCTION

Aluminum housing, available in 5", 7", 9" and 12" aperture. Entire luminaire as heat dissipation system, designed for general illumination application for long life and service period.

OPTICS

Edgelit panel, durable PMMA lens, gasketed and sealed prevent splash of water or dust object from entry.

ELECTRICAL

Available in 80 or 90+ CRI LEDs.
120V Input Triac or ELV dimming.
5 CCT Selectable light engine 2700~5000K.
Greater than 70% LED lumen maintenance at 50,000 hours.
Optional: External Emergency Battery 120V Input

CONTROL (OPTIONAL)

CONTROL-XFAC AVI-ON Bluetooth Zone Controller Adapter

MOUNTING

New Construction: Surface Mount to standard depth 4" J-box.
Retrofit: Torsion spring clips design to hold luminaire in 5~8" downlight housing.

STANDARD FINISH

Corrosion resistant White finish.
Magnetic decorative trims available in Satin Nickel, Black, and Chrome.

CERTIFICATION

IP44 Wet location listed.
Meets Buy America Act requirements.
All luminaires are built to UL1598 standards and bear appropriate cETLus labels.
Title 24 compliant; see local ordinance for qualification information.
FCC Certified.

WARRANTY

5 year warranty, see Limited Warranty for additional information.



Magnetic Trim

SHIPPING DATA

| Product | Measurement |
|---------|-------------------|
| SMPR-5 | 6"L x 6"W x 2"H |
| SMPR-7 | 8"L x 8"W x 2"H |
| SMPR-9 | 10"L x 10"W x 2"H |
| SMPR-12 | 13"L x 13"W x 2"H |



SMPR SERIES SURFACE MOUNT PANEL ROUND

ORDER INFORMATION **EXAMPLE : SMPR 7 SC WH S**

| | | | | | |
|---------|-------------|-------|-----------|-----------|----------|
| Fixture | Series | Model | CCT | Finish | Input |
| | SMPR | | SC | WH | S |

Accessories
Options

A SERIES

SMPR Surface Mount Panel Round

B MODEL

| CODE | TRIM TYPE | POWER | LM |
|------|------------------|-------|------|
| 5 | 5-inch aperture | 8W | 550 |
| 7 | 7-inch aperture | 12W | 840 |
| 9 | 9-inch aperture | 18W | 1280 |
| 12 | 12-inch aperture | 24W | 1680 |

C CCT

| | |
|------------|---|
| 8SC | 80 CRI Field Selectable 2700/3000/3500/4000/5000K |
| 9SC | 90 CRI Field Selectable 2700/3000/3500/4000/5000K |

D FINISH

WH White finish

E INPUT

S 120V Input Triac / ELV Dimming

F ACCESSORIES/OPTIONS

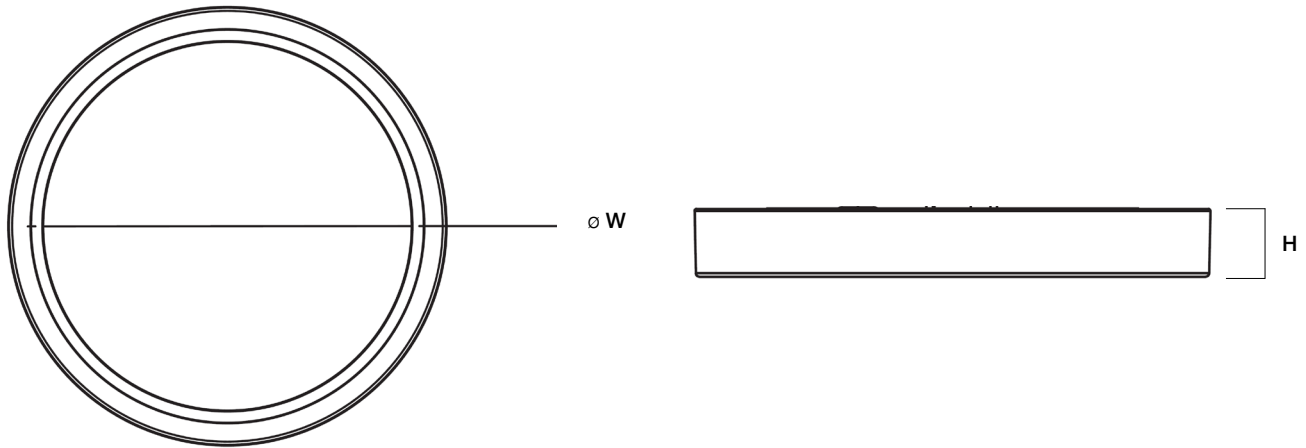
| | |
|---------------------------|--|
| AIA | Assembled in America, compliant with BAA (COTS) |
| EMB-H18170* | High Voltage Output Smart Emergency Battery 18W 100-347VAC Input 170VDC Output |
| EMB-H40170* | High Voltage Output Smart Emergency Battery 40W 100-347VAC Input 170VDC Output |
| SMPR-TRIM-5- ____ | SMPR-5 Magnetic Decorative Trim SN - Satin Nickel BK - Black CM - Chrome |
| SMPR-TRIM-7- ____ | SMPR-7 Magnetic Decorative Trim SN - Satin Nickel BK - Black CM - Chrome |
| SMPR-TRIM-9- ____ | SMPR-9 Magnetic Decorative Trim SN - Satin Nickel BK - Black CM - Chrome |
| SMPR-TRIM-12- ____ | SMPR-12 Magnetic Decorative Trim SN - Satin Nickel BK - Black CM - Chrome |
| CLIP-SMPR | Torsion spring clips design for retrofit to hold luminaire in 5", 6", 8" downlight housing. |
| CONTROL-XFAC* | AVI-ON Bluetooth Zone Controller Adapter |

*see page 4 for sensor and emb spec

SMPR SERIES SURFACE MOUNT PANEL ROUND

DIMENSIONS

| MODEL | W | H |
|---------|-----------------|-------------|
| SMPR-5 | Ø 5" (Ø 127mm) | 0.5" (13mm) |
| SMPR-7 | Ø 7" (Ø 178mm) | 0.5" (13mm) |
| SMPR-9 | Ø 9" (Ø 229mm) | 0.5" (13mm) |
| SMPR-12 | Ø 12" (Ø 305mm) | 0.5" (13mm) |



APPLICATION

Surface Mount
 (Standard)

J-Box not included



Retrofit
 (Part# **CLIP-SMPR** Required)

Downlight housing not included



SMPR SERIES SURFACE MOUNT PANEL ROUND

SENSOR SPEC

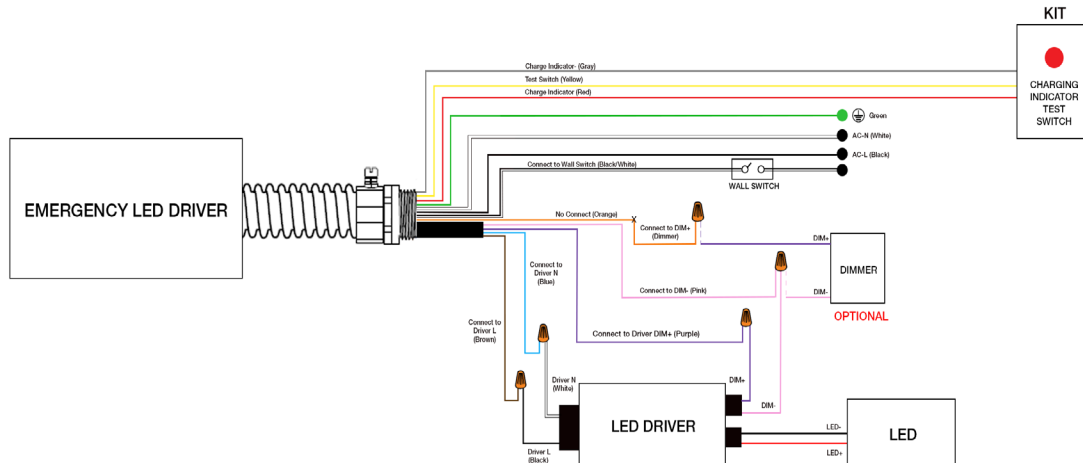
| Model | Type | Mounting | Coverage | Input | Function | Programmable |
|---|--------------------|----------|----------|------------|---|-----------------------------------|
| CONTROL-XFAC (see page 5 for detail) | Fixture Controller | - | - | 100-277VAC | Bluetooth On/Off/Dimming Scheduling | AVI-ON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



CONTROL-XFAC

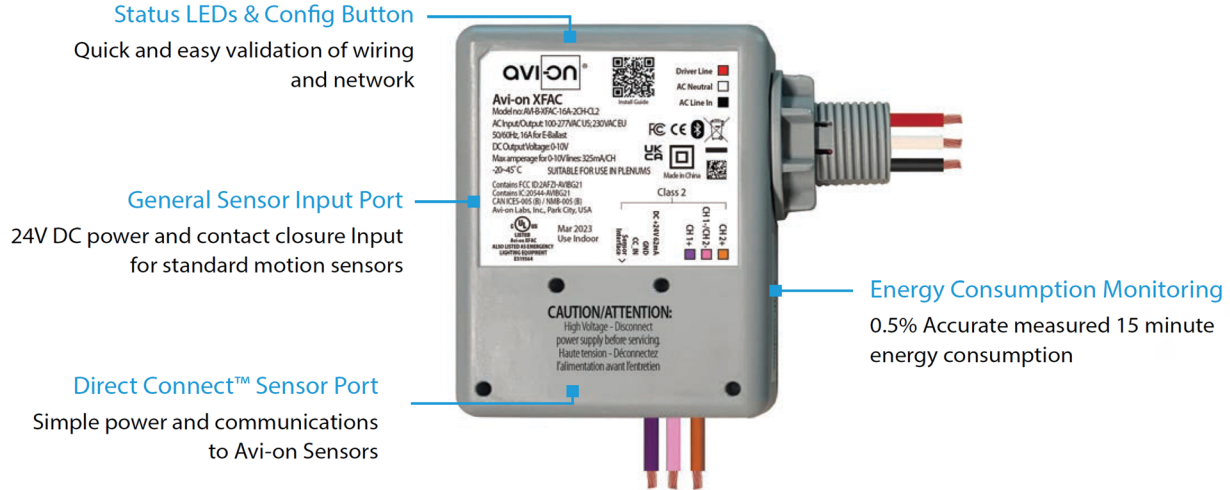
EMB SPEC

| Model | Compatible Fixture | Battery Capacity | Input | Output | Output Power | Operating Temp | Installation |
|------------|----------------------|------------------|------------|--------|--------------|----------------------------|--------------------------------|
| EMB-H18170 | SMPR-5 / 7 SMPR-9 | 90mins | 100-347VAC | 170VDC | 18W | 0°C ~ 50°C 32°F ~ 122°F | Factory or Field Install |
| EMB-H40170 | SMPR-12 | 90mins | 100-347VAC | 170VDC | 40W | 0°C ~ 50°C 32°F ~ 122°F | Factory or Field Install |



SMPR SERIES SURFACE MOUNT PANEL ROUND

CONTROL-XFAC SPEC



SPECIFICATIONS

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

WIRING DIAGRAM

