

SMPS SERIES SURFACE MOUNT PANEL SQUARE

Client:
Project:
Type:
Quantity:

CONSTRUCTION

Aluminum housing, available in 6", 8", and 11" 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.

CCT Selectable light engine 3000~5000K.

Greater than 70% LED lumen maintenance at 50,000 hours.

MOUNTING

New Construction: Surface Mount to standard depth 4" J-box.

Retrofit: Torsion spring clips design to hold luminaire in 5~8" downlight housing.

CONTROL (OPTIONAL)

CONTROL-XFAC AVI-ON Bluetooth Zone Controller Adapter

STANDARD FINISH

Corrosion resistant White finish.

Magnetic decorative trims available in Satin Nickel, Black, and Chrome.

CERTIFICATION

Damp location listed.

Meets Buy America Act requirements.

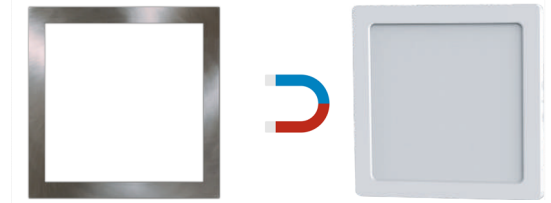
All luminaires are built to UL1598 standards and bear appropriate cETLus labels.

FCC Certified.

Energy Star Certified.

WARRANTY

5 year warranty, see Limited Warranty for additional information.



Magnetic Trim

SHIPPING DATA

| Product | Measurement |
|---------|-------------------|
| SMPS-6 | 7"L x 7"W x 2"H |
| SMPS-8 | 9"L x 9"W x 2"H |
| SMPS-11 | 12"L x 12"W x 2"H |



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| ORDER INFORMATION | | | | EXAMPLE : SMPS 6 SC WH S | |
|------------------------|---------------------|--|-------|--------------------------|-------|
| Fixture | Series | Model | CCT | Finish | Input |
| | SMPS | | SC | WH | S |
| Accessories Options | | | | | |
| A | SERIES | | | | |
| | SMPS | Surface Mount Panel Square | | | |
| B | MODEL | | | | |
| | CODE | TRIM TYPE | POWER | LM | |
| | 6 | 6-inch aperture | 12W | 840 | |
| | 8 | 8-inch aperture | 18W | 1350 | |
| | 11 | 11-inch aperture | 24W | 1800 | |
| C | CCT | | | | |
| | 8SC | 80 CRI Field Selectable 3000/4000/5000K | | | |
| | 9SC | 90 CRI Field Selectable 3000/4000/5000K | | | |
| D | FINISH | | | | |
| | WH | White finish | | | |
| E | INPUT | | | | |
| | S | 120V Input Triac / ELV Dimming | | | |
| F | ACCESSORIES/OPTIONS | | | | |
| | AIA | Assembled in America, compliant with BAA (COTS) | | | |
| | SMPS-TRIM-6- ____ | SMPS-6 Magnetic Decorative Trim SN - Satin Nickel BK - Black CM - Chrome | | | |
| | SMPS-TRIM-8- ____ | SMPS-8 Magnetic Decorative Trim SN - Satin Nickel BK - Black CM - Chrome | | | |
| | SMPS-TRIM-11- ____ | SMPS-11 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 | | | |
| | EMB-H18170 | External emergency battery 18W (120-277V) | | | |

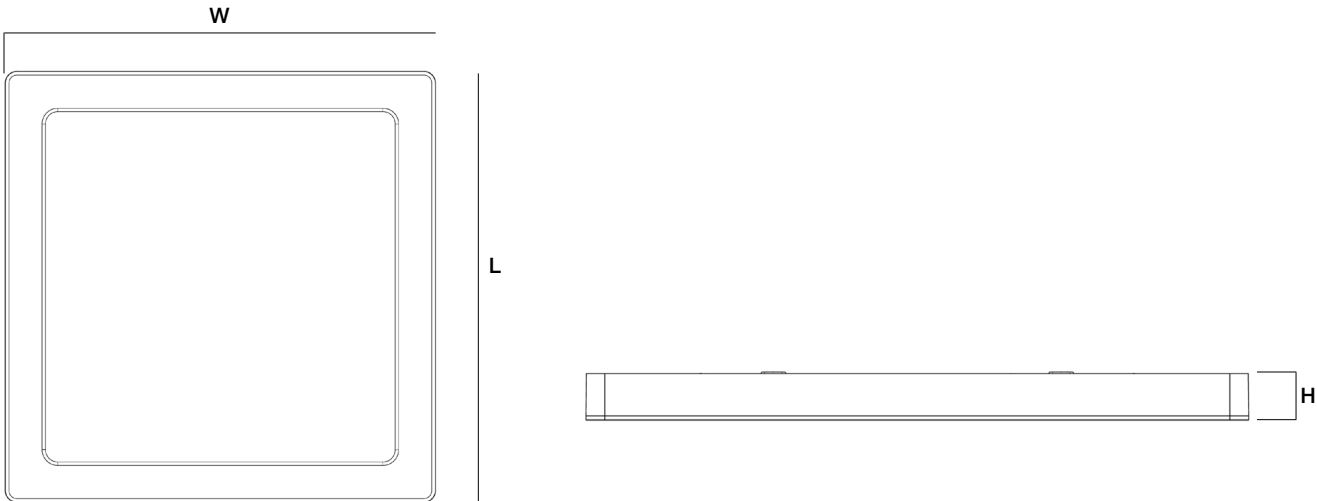
*see page 5 for sensor and emb spec

SMPS SERIES

SURFACE MOUNT PANEL SQUARE

DIMENSIONS

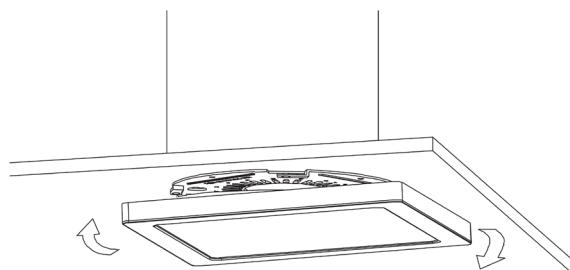
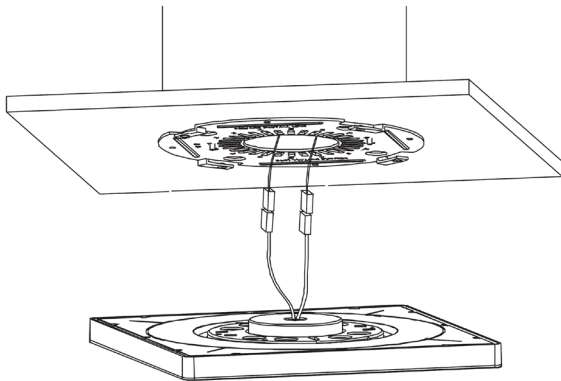
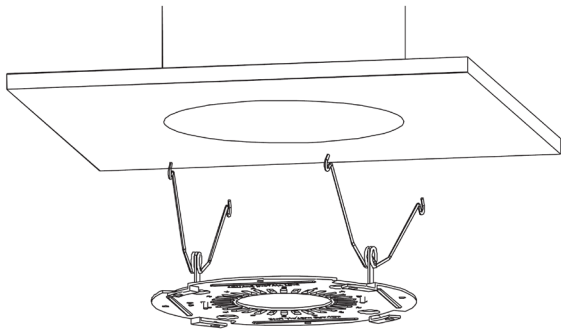
| MODEL | W | L | H |
|---------|----------------|----------------|-------------|
| SMPS-6 | 6.40" (162mm) | 6.40" (162mm) | .60" (15mm) |
| SMPS-8 | 8.43" (214mm) | 8.43" (214mm) | .60" (15mm) |
| SMPS-11 | 11.40" (289mm) | 11.40" (289mm) | .60" (15mm) |



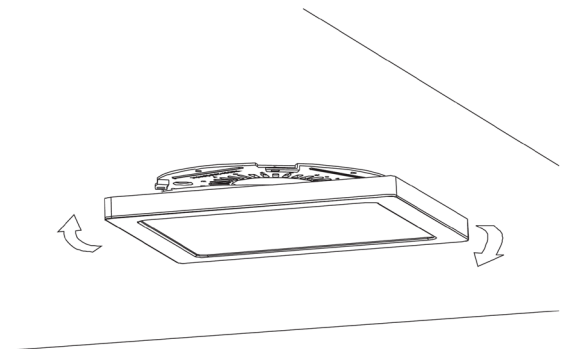
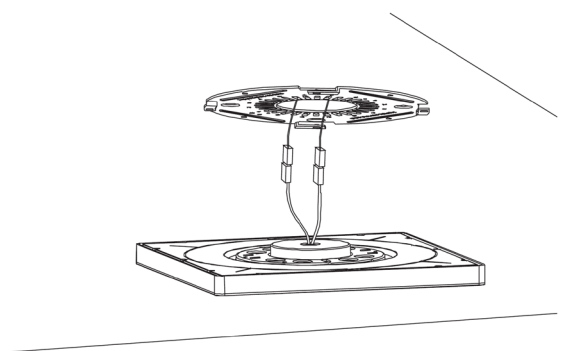
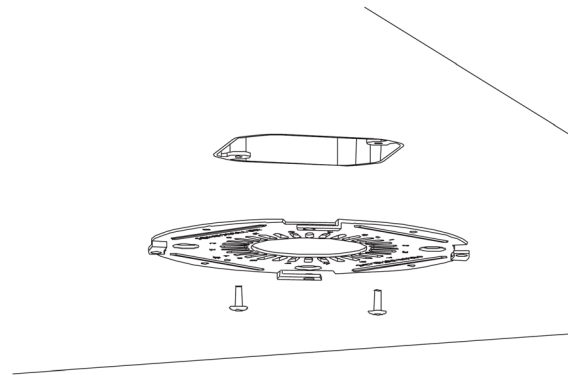
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INSTALLATION

Retrofit



New Construction
(Standard)



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SENSOR SPEC

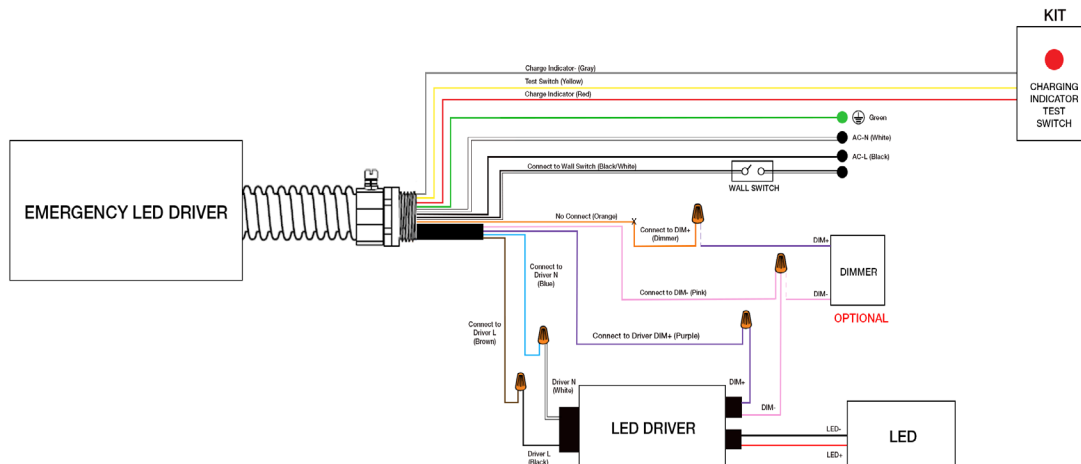
| Model | Type | Mounting | Coverage | Input | Function | Programmable |
|---|-----------------------|----------|----------|------------|---|-----------------------------------|
| CONTROL-XFAC (see page 6 for detail) | Fixture Controller | - | - | 100-277VAC | Bluetooth On/Off/Dimming Scheduling | AVI-ON Bluetooth Mobile App |



CONTROL-XFAC

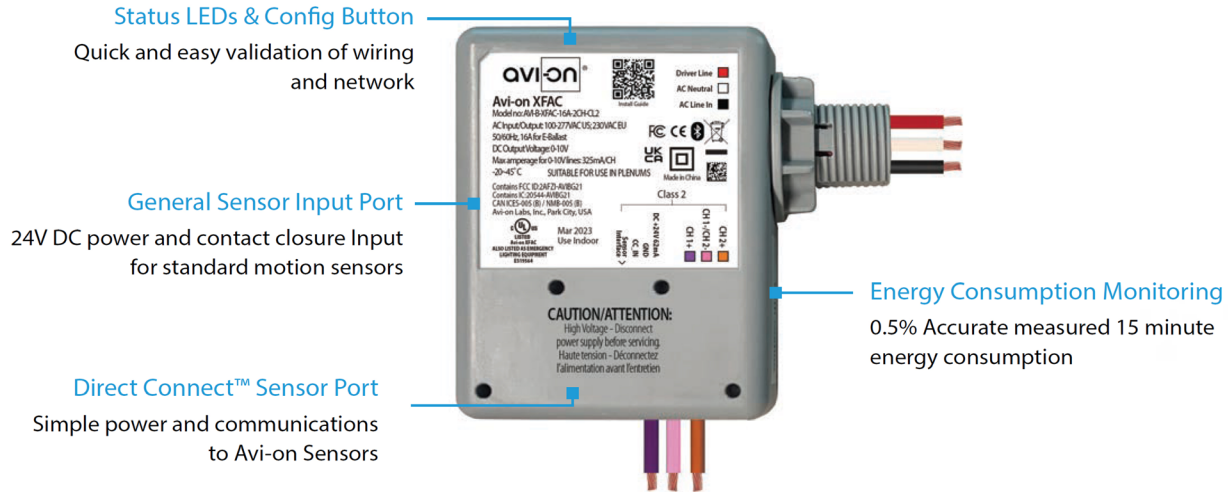
EMB SPEC

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



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CONTROL-XFAC SPEC



SPECIFICATIONS

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

WIRING DIAGRAM

