

## 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.

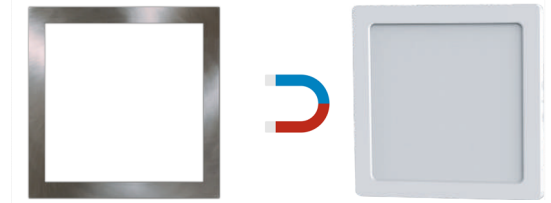
All luminaires are built to UL1598 standards and bear appropriate cETLus labels.

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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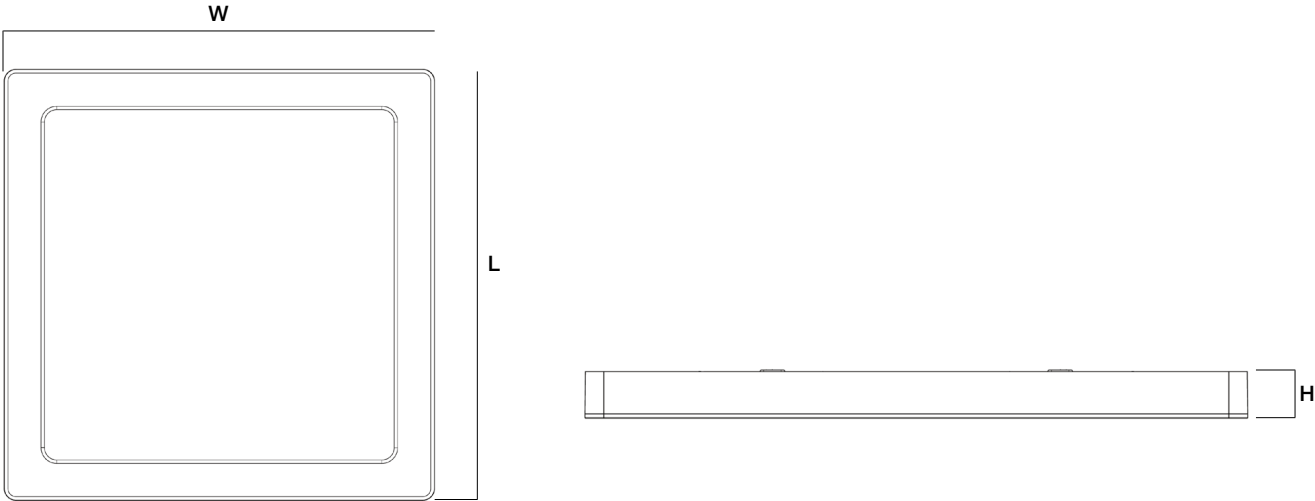
| ORDER INFORMATION      |                     |                                                                                                    |       | EXAMPLE : SMPS 6 SC WH S |       |
|------------------------|---------------------|----------------------------------------------------------------------------------------------------|-------|--------------------------|-------|
| Fixture                | Series              | Model                                                                                              | CCT   | Finish                   | Input |
|                        | SMPS                |                                                                                                    | SC    | WH                       | S     |
| Accessories<br>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 <b>SN</b> - Satin Nickel   <b>BK</b> - Black   <b>CM</b> - Chrome  |       |                          |       |
|                        | SMPS-TRIM-8- ____   | SMPS-8 Magnetic Decorative Trim <b>SN</b> - Satin Nickel   <b>BK</b> - Black   <b>CM</b> - Chrome  |       |                          |       |
|                        | SMPS-TRIM-11- ____  | SMPS-11 Magnetic Decorative Trim <b>SN</b> - Satin Nickel   <b>BK</b> - Black   <b>CM</b> - 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 5 for sensor spec

**SMPS SERIES    SURFACE MOUNT PANEL SQUARE**

**DIMENSIONS**

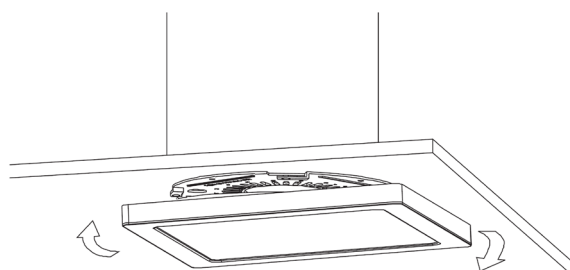
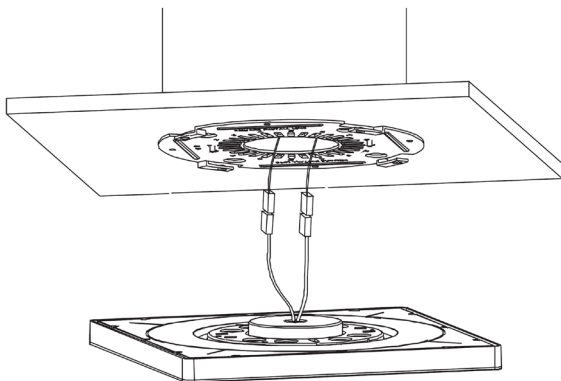
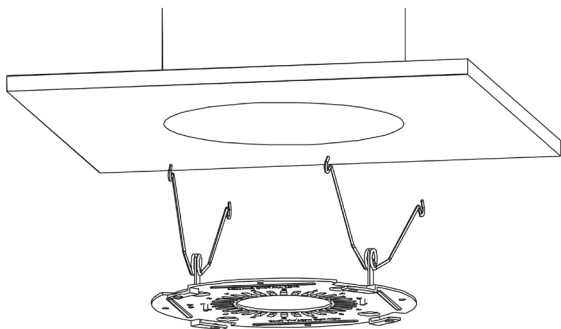
| MODEL   | W              | L              | H           |
|---------|----------------|----------------|-------------|
| SMPS-6  | 6.40" (162mm)  | 6.40" (162mm)  | .60" (15mm) |
| SMPS-8  | 8.43" (214mm)  | 8.43" (214mm)  | .60" (15mm) |
| SMPS-11 | 11.40" (289mm) | 11.40" (289mm) | .60" (15mm) |



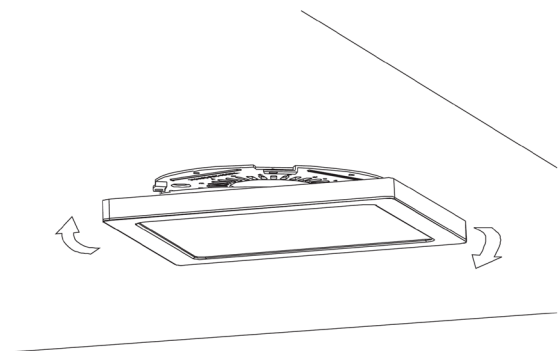
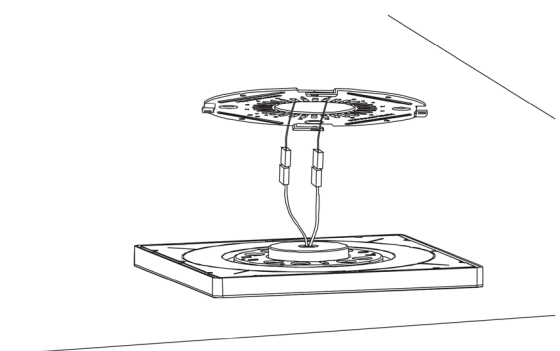
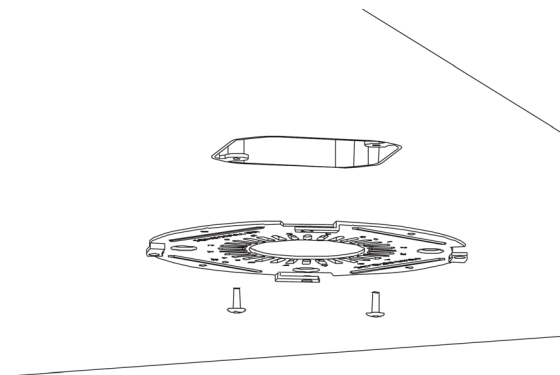
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### INSTALLATION

Retrofit



New Construction  
(Standard)

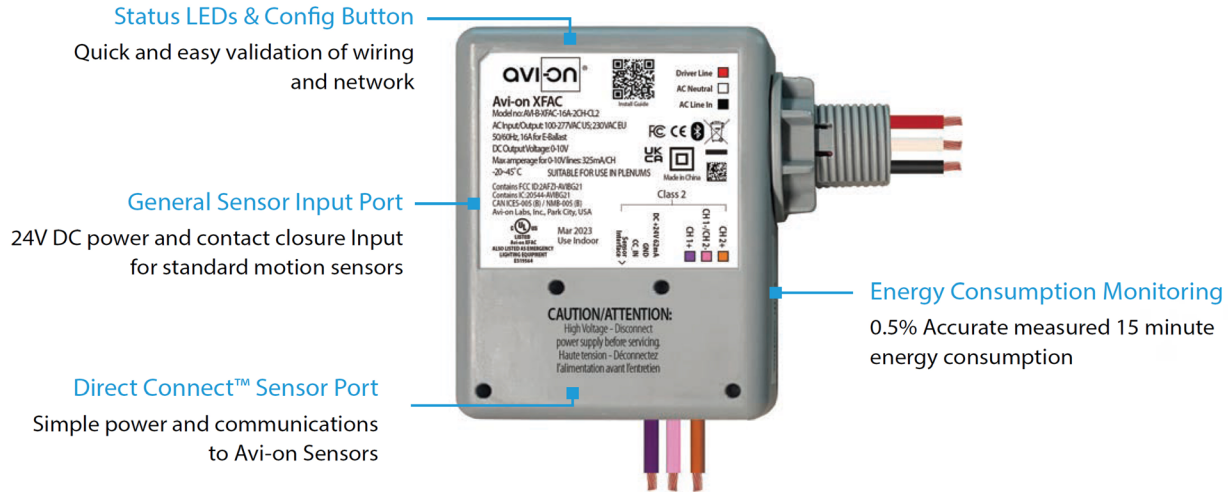


**SMPS SERIES** SURFACE MOUNT PANEL SQUARE

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

## SMPS SERIES SURFACE MOUNT PANEL SQUARE

### CONTROL-XFAC SPEC



### SPECIFICATIONS

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

### WIRING DIAGRAM

