



# 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

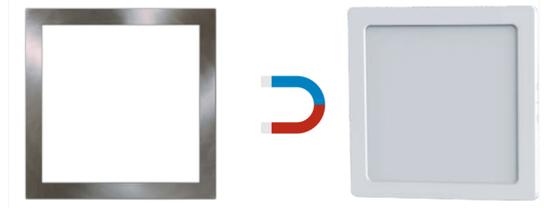
Corrosion resistant White finish.  
Magnetic decorative trims available in Satin Nickel, Black, and Chrome.

## 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



**SMPS SERIES SURFACE MOUNT PANEL SQUARE**

**ORDER INFORMATION** **EXAMPLE : SMPS 6 SC WH S**

Fixture	Series	Model	CCT	Finish	Input
	<b>SMPS</b>		<b>SC</b>	<b>WH</b>	<b>S</b>

Accessories  
Options

**A SERIES**

**SMPS** Surface Mount Panel Square

**B MODEL**

CODE	TRIM TYPE	POWER	LM
<b>6</b>	6-inch aperture	12W	840
<b>8</b>	8-inch aperture	18W	1350
<b>11</b>	11-inch aperture	24W	1800

**C CCT**

<b>8SC</b>	80 CRI Field Selectable 3000/4000/5000K
<b>9SC</b>	90 CRI Field Selectable 3000/4000/5000K

**D FINISH**

**WH** White finish

**E INPUT**

**S** 120V Input Triac / ELV Dimming

**F ACCESSORIES/OPTIONS**

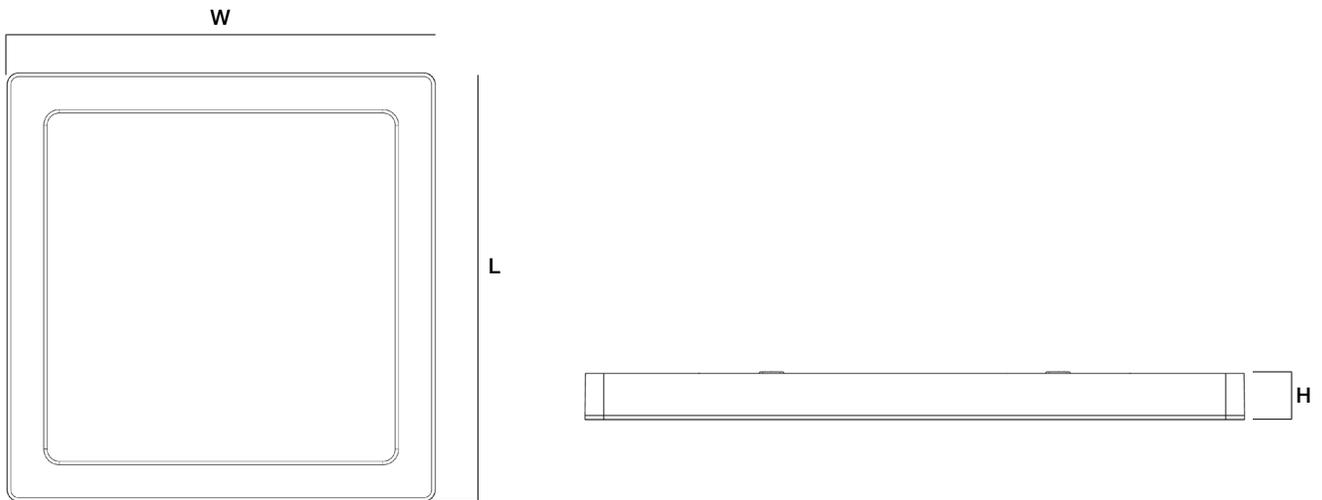
<b>BAA</b>	Assembled in America, compliant with BAA (COTS)
<b>SMPS-TRIM-6- ____</b>	SMPS-6 Magnetic Decorative Trim <b>SN</b> - Satin Nickel   <b>BK</b> - Black   <b>CM</b> - Chrome
<b>SMPS-TRIM-8- ____</b>	SMPS-8 Magnetic Decorative Trim <b>SN</b> - Satin Nickel   <b>BK</b> - Black   <b>CM</b> - Chrome
<b>SMPS-TRIM-11- ____</b>	SMPS-11 Magnetic Decorative Trim <b>SN</b> - Satin Nickel   <b>BK</b> - Black   <b>CM</b> - Chrome
<b>CLIP-SMPR</b>	Torsion spring clips design for retrofit to hold luminaire in 5", 6", 8" downlight housing.
<b>CONTROL-XFAC*</b>	AVI-ON Bluetooth Zone Controller Adapter
<b>EMB-H40170</b>	90-Minute Self-Diagnostic Emergency Battery 40W 100-347VAC Input 170VDC Output

\*see page 5 for sensor spec and emb spec

**SMPS SERIES SURFACE MOUNT PANEL SQUARE**

**DIMENSIONS**

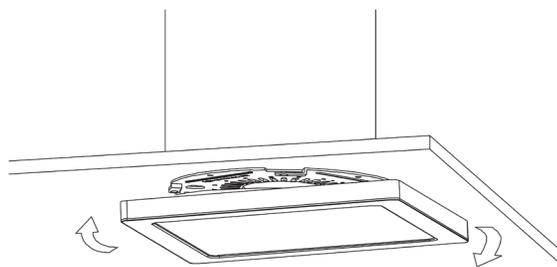
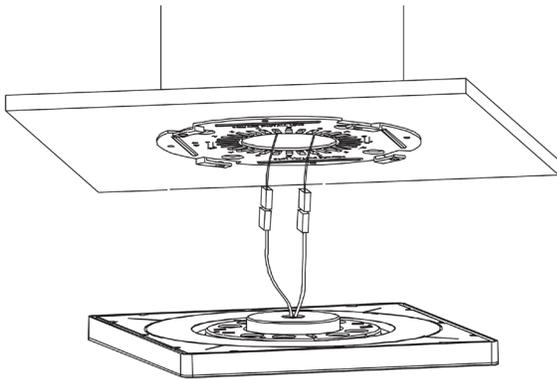
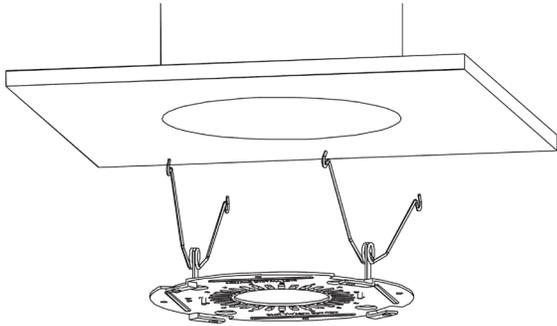
MODEL	W	L	H
SMPS-6	6.40" (162mm)	6.40" (162mm)	.60" (15mm)
SMPS-8	8.43" (214mm)	8.43" (214mm)	.60" (15mm)
SMPS-11	11.40" (289mm)	11.40" (289mm)	.60" (15mm)



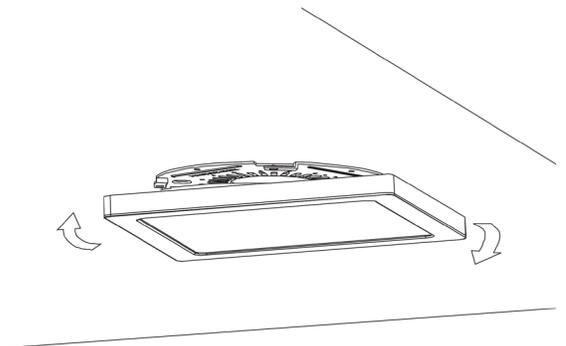
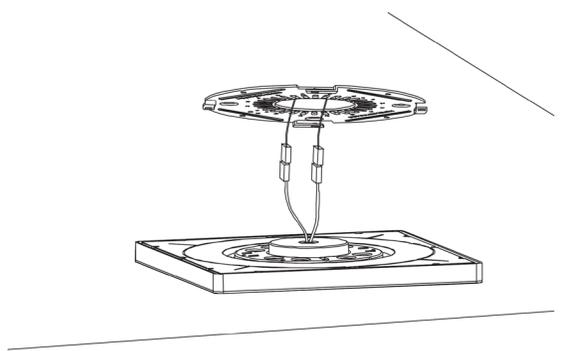
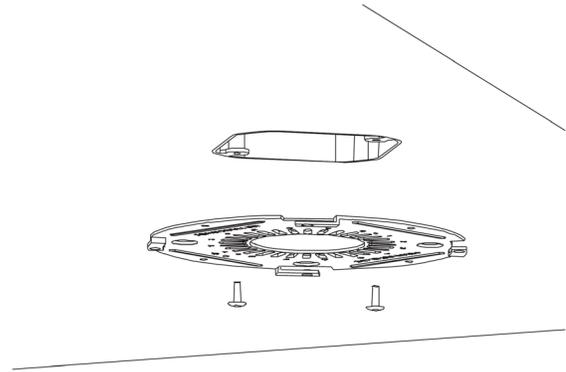
# SMPS SERIES SURFACE MOUNT PANEL SQUARE

## INSTALLATION

Retrofit



New Construction  
(Standard)



**SMPS SERIES SURFACE MOUNT PANEL SQUARE**

**SENSOR SPEC**

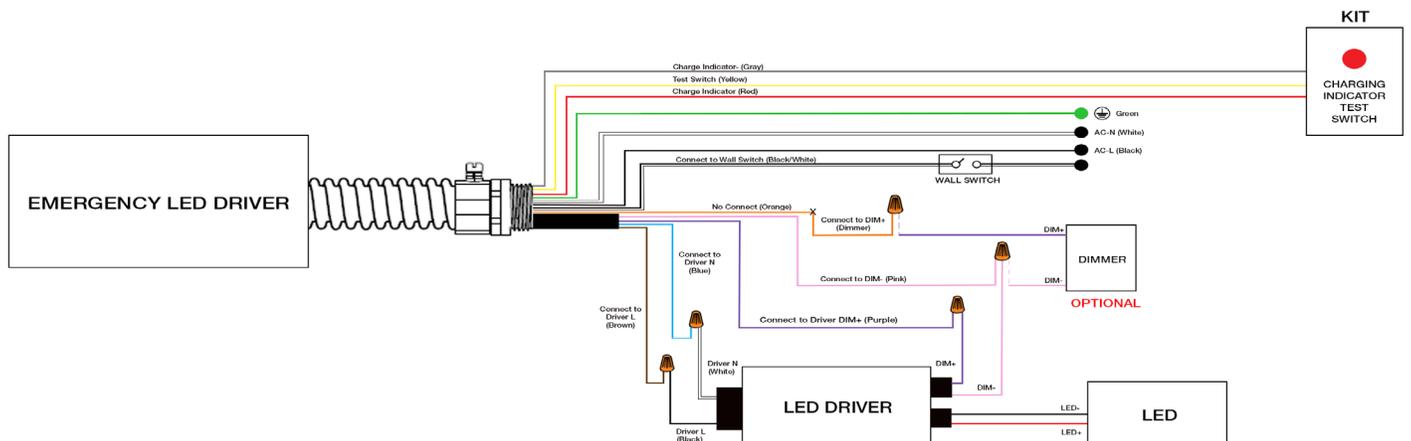
Model	Type	Mounting	Coverage	Input	Function	Programmable
CONTROL-XFAC (see page 6 for detail)	Fixture Controller	-	-	100-277VAC	Bluetooth On/Off/Dimming Scheduling	AVI-ON Bluetooth Mobile App



CONTROL-XFAC

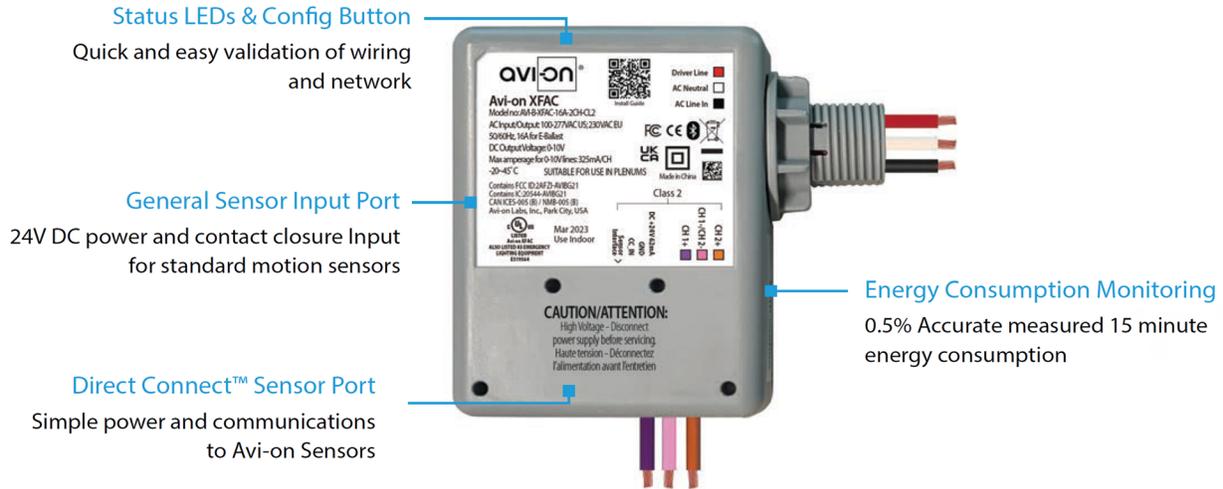
**EMB SPEC**

Model	Battery Capacity	Input	Output	Output Power	Operating Temp	Installation
EMB-H40170	90mins	100-347VAC	170VDC	40W	0°C ~ 50°C 32°F ~ 122°F	Factory or Field Install



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

**WIRING DIAGRAM**

