

## 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.

### 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	Weight
SMPR-5	6"L x 6"W x 2"H	2 lb
SMPR-7	8"L x 8"W x 2"H	2 lb
SMPR-9	10"L x 10"W x 2"H	2 lb
SMPR-12	13"L x 13"W x 2"H	3 lb



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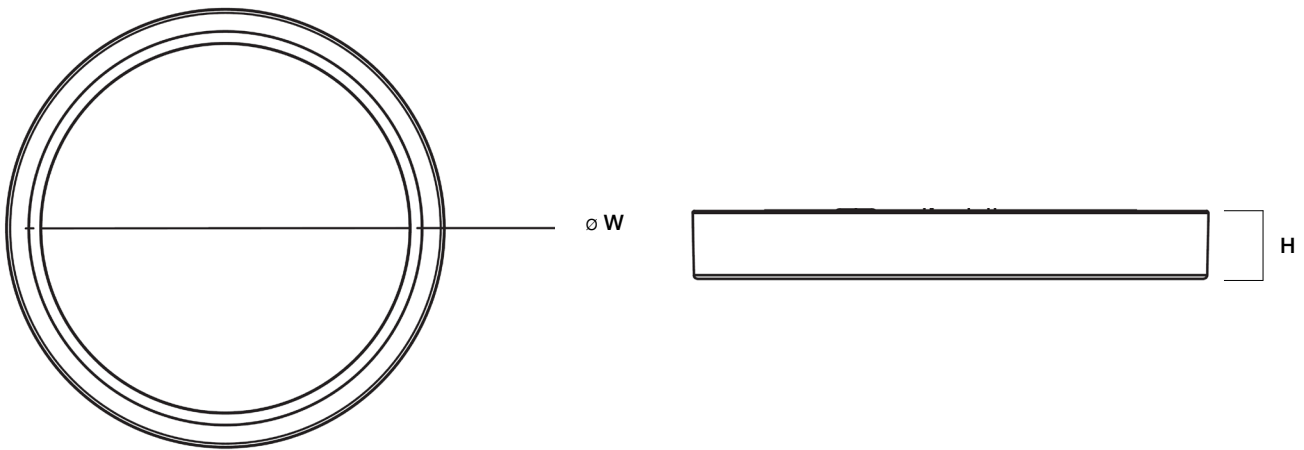
ORDER INFORMATION				EXAMPLE : SMPR 7 SC WH S	
Fixture	Series	Model	CCT	Finish	Input
	SMPR		SC	WH	S
Accessories Options					
A	SERIES				
	SMPR	Surface Mount Panel Round			
B	MODEL				
	CODE	TRIM TYPE	POWER	LM	
	5	5-inch aperture	8W	550	
	7	7-inch aperture	12W	840	
	9	9-inch aperture	18W	1280	
	12	12-inch 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)			
	SMPR-TRIM-5- ____	SMPR-5 Magnetic Decorative Trim <b>SN</b> - Satin Nickel   <b>BK</b> - Black   <b>CM</b> - Chrome			
	SMPR-TRIM-7- ____	SMPR-7 Magnetic Decorative Trim <b>SN</b> - Satin Nickel   <b>BK</b> - Black   <b>CM</b> - Chrome			
	SMPR-TRIM-9- ____	SMPR-9 Magnetic Decorative Trim <b>SN</b> - Satin Nickel   <b>BK</b> - Black   <b>CM</b> - Chrome			
	SMPR-TRIM-12- ____	SMPR-12 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			
	EMB-H18170*	External emergency battery 18W (120-277V)			

\*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

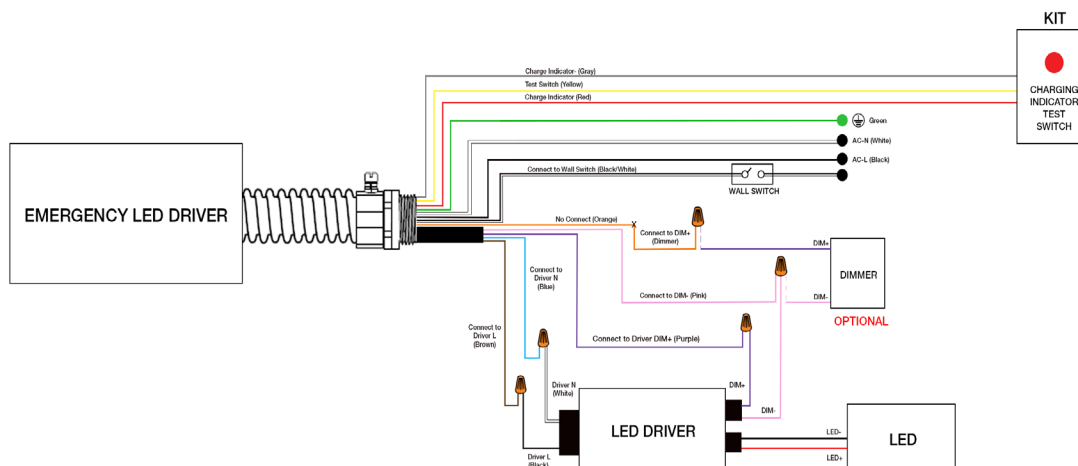
Model	Type	Mounting	Coverage	Input	Function	Programmable
CONTROL-XFAC (see page 5 for detail)	Fixture Controller	-	-	100-277VAC	Bluetooth On/Off/Dimming Scheduling	AVI-ON Bluetooth Mobile App



CONTROL-XFAC

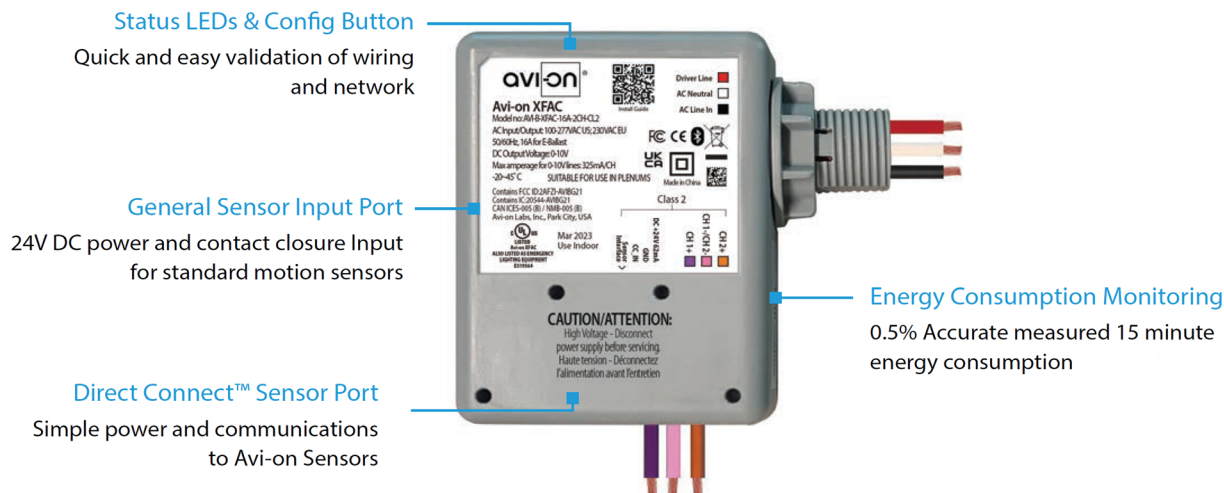
### EMB SPEC

Model	Compatible Fixture	Battery Capacity	Input	Output	Output Power	Operating Temp	Installation
EMB-H18170	SMPR-5 / 7	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  
**CURRENT:** MIN: 20 / 14mA  
MAX: 81 / 46mA

**0-10V DIMMING:** 100-277VAC  
**SIZE:** 3.58" x 3.58" x 1.57"  
(91mm x 91mm x 40mm)  
**STORAGE TEMP:** -40°F to + 185°F (-40°C to + 85°C)  
**OPERATING TEMP:** -4°F to + 113°F (-20°C to + 45°C)

**RADIO FREQUENCY:** 50/60Hz  
**RELAY CURRENT:** 16A  
**PROTECTION/IMMUNITY:** LEVEL 4

**AMPERAGE FOR 0-10V LINES:** Contact Discharge: ± 8kV  
Air Discharge: ±12kV  
325mA / CH  
**WARRANTY:** 5 years  
**REGULATORY:** FCC: 2AFZI-AVIBG21  
IC: 20544-AVBG21  
BQB: D059595, DID: 185220  
UL 924, 2043

### WIRING DIAGRAM

