

SMPR G3 SERIES SURFACE MOUNT PANEL ROUND

Client:
Project:
Type:
Quantity:

CONSTRUCTION

Offered in 5", 7", 9", 11", and 13" sizes, the fixture features a robust die-cast aluminum trim designed for surface mounting. Engineered for secure installation to standard junction boxes with enhanced durability and heat dissipation.

OPTICS

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

ELECTRICAL

90+ CRI.
120V-277V Input, 0-10V Dimming
5 CCT selectable light engine 2700~5000K.
Greater than 70% LED lumen maintenance at 50,000 hours.
-20°C up to 45°C (-4°F up to 113°F) maximum operating temperature.

MOUNTING

New Construction: Surface Mount to standard depth 2.75" or 3.5" J-box.

STANDARD FINISH

Corrosion resistant White finish, suitable for wet locations.
Decorative trim rings available in Brushed Nickel, Black, and Bronze.

CERTIFICATION

IP44 Wet location listed.
Meets Buy America Act requirements.
All luminaires are built to UL1598 standards and bear appropriate cETLus labels.
Title 24 JA8 compliant; see local ordinance for qualification information.

WARRANTY

5 year warranty, see Limited Warranty for additional information.



Decorative Trim



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ORDER INFORMATION **EXAMPLE : SMPR G3 11 9SC WH UD**

Fixture	Series	Model	CCT	Finish	Input
	SMPR-G3		9SC	WH	UD

Accessories
Options

A SERIES

SMPR-G3 Surface Mount Panel Round Gen 3

B MODEL

CODE	TRIM TYPE	POWER	LM
5	5-inch aperture	10W	825lm (avg.)
7	7-inch aperture	15W	1169lm (avg.)
9	9-inch aperture	18W	1403lm (avg.)
11	11-inch aperture	21W	1895lm (avg.)
13	13-inch aperture	24W	2153lm (avg.)

C CCT

9SC 90 CRI Field Selectable 2700/3000/3500/4000/5000K

D FINISH

WH White finish

E INPUT

UD 120V-277V Input, 0-10V Dimming

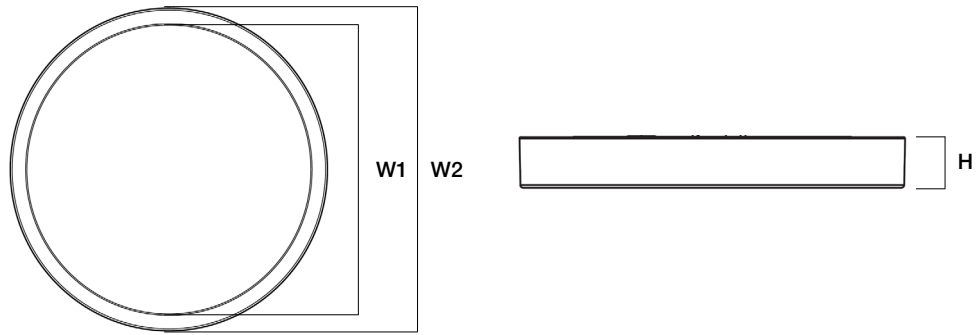
F ACCESSORIES/OPTIONS

- BAA** Assembled in America, compliant with BAA (COTS)
 - TRIM-SMPR-G3-5- __** SMPR-G3 5" Decorative Trim **BN** - Brushed Nickel | **BK** - Black | **BZ** - Bronze
 - TRIM-SMPR-G3-7- __** SMPR-G3 7" Decorative Trim **BN** - Brushed Nickel | **BK** - Black | **BZ** - Bronze
 - TRIM-SMPR-G3-9- __** SMPR-G3 9" Decorative Trim **BN** - Brushed Nickel | **BK** - Black | **BZ** - Bronze
 - TRIM-SMPR-G3-11- __** SMPR-G3 11" Decorative Trim **BN** - Brushed Nickel | **BK** - Black | **BZ** - Bronze
 - TRIM-SMPR-G3-13- __** SMPR-G3 13" Decorative Trim **BN** - Brushed Nickel | **BK** - Black | **BZ** - Bronze
 - EMB-H08170*** 90-Minute Self-Diagnostic Emergency Battery 8W 100-347VAC Input 170VDC Output
 - EMB-H18170*** 90-Minute Self-Diagnostic Emergency Battery 18W 100-347VAC Input 170VDC Output
 - CONTROL-XFAC*** AVI-ON Bluetooth Zone Controller Adapter
- *see page 4 for sensor spec
 *see page 5 for emb spec

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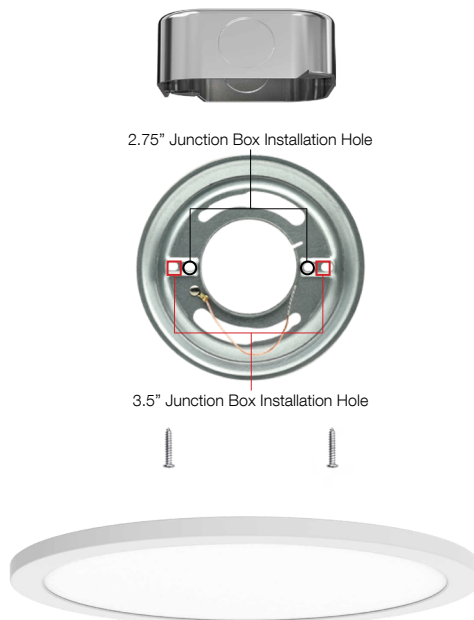
DIMENSIONS

MODEL	W1	W2	H
SMPR-G3-5	ø 4.41" (113mm)	ø 5.51" (141mm)	0.79" (21mm)
SMPR-G3-7	ø 6.38" (163mm)	ø 7.48" (191mm)	0.79" (21mm)
SMPR-G3-9	ø 7.76" (198mm)	ø 8.86" (226mm)	0.79" (21mm)
SMPR-G3-11	ø 9.8" (250mm)	ø 10.98" (280mm)	0.98" (26mm)
SMPR-G3-13	ø 11.57" (295mm)	ø 12.8" (326mm)	0.98" (26mm)



APPLICATION

Surface Mount
 (Standard)



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PERFORMANCE DATA

SIZE (INCHES)	SYSTEM WATTS	VOLTAGE	2700K (90CRI)		3000K (90CRI)		3500K (90CRI)		4000K (90CRI)		5000K (90CRI)	
			LUMENS	LPW	LUMENS	LPW	LUMENS	LPW	LUMENS	LPW	LUMENS	LPW
5	10W	120V	780	78	815	82	850	85	850	85	830	83
7	15W	120V	1050	70	1140	76	1225	82	1275	85	1155	77
9	18W	120V	1275	71	1350	75	1480	82	1530	85	1380	77
11	21W	120V	1785	85	1850	88	1950	93	2000	95	1890	90
13	24W	120V	2040	85	2110	88	2175	91	2280	95	2160	90

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

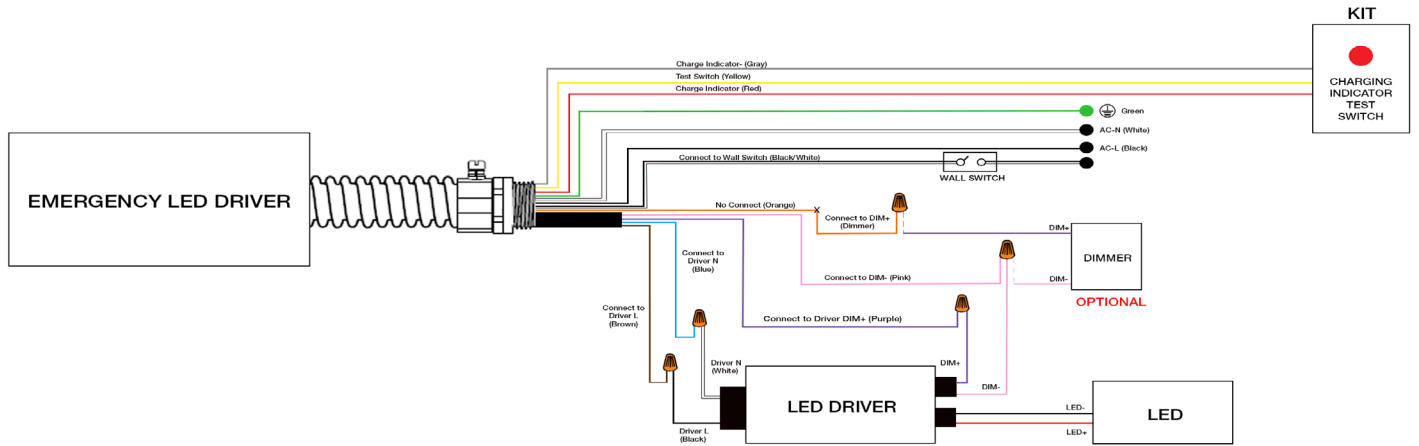


CONTROL-XFAC

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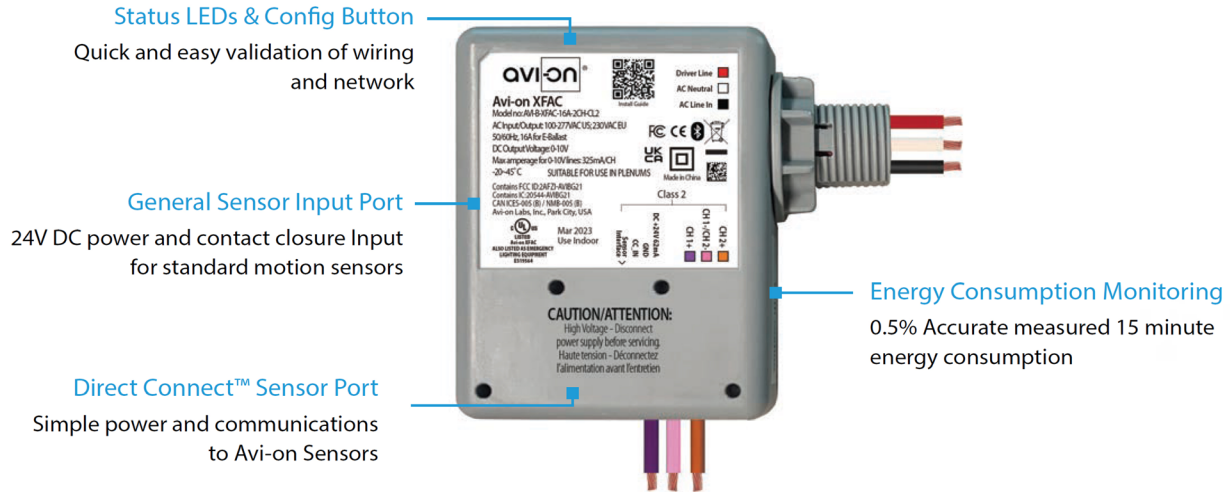
EMB SPEC

Model	Battery Capacity	Input	Output	Output Power	Operating Temp	Installation
EMB-H08170	90mins	100-347VAC	170VDC	8W	0°C ~ 50°C 32°F ~ 122°F	Factory or Field Install
EMB-H18170	90mins	100-347VAC	170VDC	8W	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
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

