

**SMPR G2 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 Input Triac 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.  
 ENERGY STAR® certified for SMPR-G2-5, SMPR-G2-7, SMPR-G2-9 model.

**WARRANTY**

5 year warranty, see Limited Warranty for additional information.



Decorative Trim

**SHIPPING DATA**

Product	Measurement	Weight
SMPR-G2-5	6"L x 6"W x 1"H	2 lb
SMPR-G2-7	8"L x 8"W x 1"H	2 lb
SMPR-G2-9	9"L x 9"W x 1"H	2 lb
SMPR-G2-11	11"L x 11"W x 1"H	3 lb
SMPR-G2-13	13"L x 13"W x 1"H	3 lb



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**ORDER INFORMATION** **EXAMPLE : SMPR G2 7 9SC WH S**

Fixture	Series	Model	CCT	Finish	Input
	<b>SMPR-G2</b>		<b>SC</b>	<b>WH</b>	<b>S</b>

Accessories  
Options

**A SERIES**

<b>SMPR-G2</b>	Surface Mount Panel Round Gen 2
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**B MODEL**

CODE	TRIM TYPE	POWER	LM
<b>5</b>	5-inch aperture	10W	829lm (avg.)
<b>7</b>	7-inch aperture	15W	1174lm (avg.)
<b>9</b>	9-inch aperture	18W	1394lm (avg.)
<b>11</b>	11-inch aperture	21W	2029lm (avg.)
<b>13</b>	13-inch aperture	24W	2183lm (avg.)

**C CCT**

<b>9SC</b>	90 CRI Field Selectable 2700/3000/3500/4000/5000K
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**D FINISH**

<b>WH</b>	White finish
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**E INPUT**

<b>S</b>	120V Input Triac Dimming
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**F ACCESSORIES/OPTIONS**

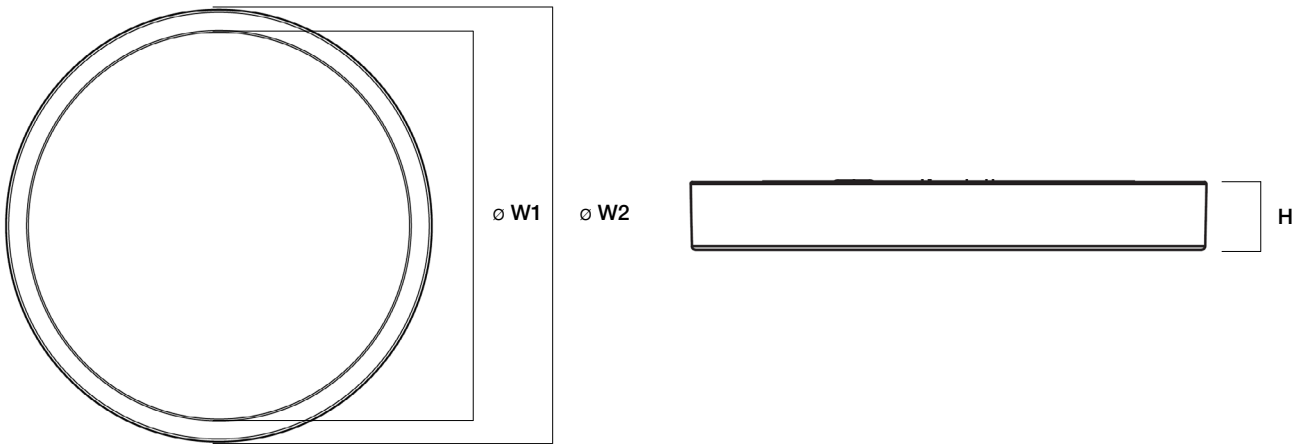
<b>BAA</b>	Assembled in America, compliant with BAA (COTS)
<b>TRIM-SMPR-G2-5- ____</b>	SMPR-G2 5" Decorative Trim <b>BN</b> - Brushed Nickel   <b>BK</b> - Black   <b>BZ</b> - Bronze
<b>TRIM-SMPR-G2-7- ____</b>	SMPR-G2 7" Decorative Trim <b>BN</b> - Brushed Nickel   <b>BK</b> - Black   <b>BZ</b> - Bronze
<b>TRIM-SMPR-G2-9- ____</b>	SMPR-G2 9" Decorative Trim <b>BN</b> - Brushed Nickel   <b>BK</b> - Black   <b>BZ</b> - Bronze
<b>TRIM-SMPR-G2-11- ____</b>	SMPR-G2 11" Decorative Trim <b>BN</b> - Brushed Nickel   <b>BK</b> - Black   <b>BZ</b> - Bronze
<b>TRIM-SMPR-G2-13- ____</b>	SMPR-G2 13" Decorative Trim <b>BN</b> - Brushed Nickel   <b>BK</b> - Black   <b>BZ</b> - Bronze
<b>CONTROL-XFAC*</b>	AVI-ON Bluetooth Zone Controller Adapter

\*see page 5 for sensor spec

**SMPR G2 SERIES SURFACE MOUNT PANEL ROUND**

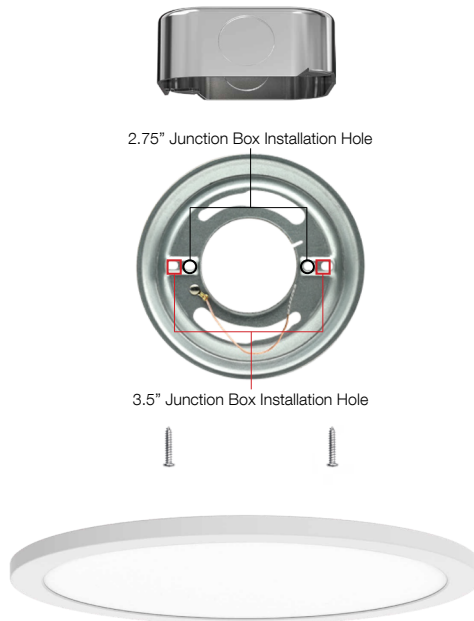
**DIMENSIONS**

MODEL	W1	W2	H
SMPR-G2-5	ø 4.41" (113mm)	ø 5.51" (141mm)	0.79" (21mm)
SMPR-G2-7	ø 6.38" (163mm)	ø 7.48" (191mm)	0.79" (21mm)
SMPR-G2-9	ø 7.76" (198mm)	ø 8.86" (226mm)	0.79" (21mm)
SMPR-G2-11	ø 9.8" (250mm)	ø 10.98" (280mm)	0.98" (26mm)
SMPR-G2-13	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	771	78	812	82	858	86	860	87	846	85
7	15W	120V	1091	74	1149	78	1214	82	1217	82	1198	81
9	18W	120V	1296	75	1364	78	1442	82	1446	83	1423	82
11	21W	120V	1835	87	1939	93	2128	103	2161	103	2084	99
13	24W	120V	1973	85	2086	91	2289	101	2324	101	2242	97

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**SENSOR SPEC**

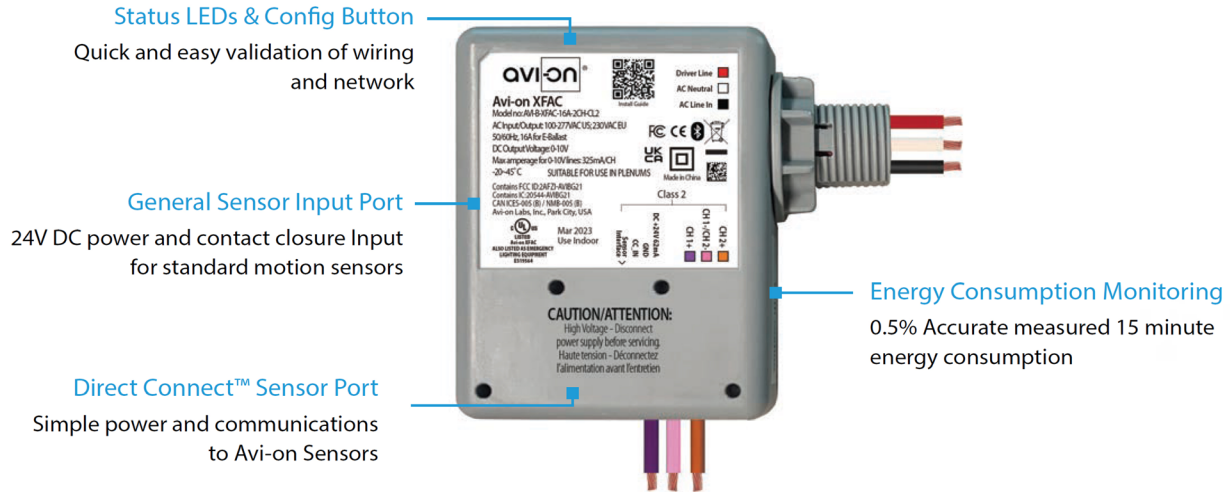
Model	Type	Mounting	Coverage	Input	Function	Programmable
CONTROL-XFAC (see page 5 for detail)	Fixture Controller	-	-	100-277VAC	Bluetooth On/Off/Dimming Scheduling	AVI-ON Bluetooth Mobile App



CONTROL-XFAC

**SMPR G2 SERIES SURFACE MOUNT PANEL ROUND**

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

**WIRING DIAGRAM**

