ALS®
Advantage Lighting Solutions

SSPA SERIES SLOT SURFACE SELECTABLE PANEL

Client:
Project:
Type:
Quantity:

CONSTRUCTION
Low profile extruded aluminum frame, designed for surface mount installation.

OPTICS
Edgelit design provides exceptional lighting distribution. Frosted PMMA lens offers edge to edge illumination without pixilation or bright spots.

ELECTRICAL
Long-life, high-efficacy, micro-power LEDs, illumination for extended service life. Greater than 70% LED lumen maintenance at 100,000 hours (L70>100,000).
Selectable lumen and CCT technology allows easy field-adjustable capability, luminaire ships with maximum output and 4000K CCT setting.
All CCTs are within 3 MacAdam ellipses, 80CRI.
Integral Driver operates at 120-277V input, 0-10V dimmable driver, dim-to-off.

CONTROL (OPTIONAL)
CONTROL-XFAC AVI-ON Bluetooth Zone Controller Adapter

MOUNTING
Designed for surface mount application under electrical box.
Surface Mount Bracket included.

STANDARD FINISH
90% minimum average reflective white polyester powder coat bonded to phosphate-free, multi-stage pretreated metal. All parts painted after fabrication to facilitate installation, increase efficiency, and inhibit corrosion.

CERTIFICATION
Meets Buy America Act requirements.
IC Rated, suitable for Damp location.
All luminaires are built to UL1598 standards and bear appropriate cULus labels.
For Emergency application, equipment with UL924 certified battery packs.

WARRANTY
5 year warranty, see Limited Warranty for additional information.

4" x 4'   Output / CCT Selector

SHIPPING DATA

Product	Measurement	Weight
SSPA-44 (2-pack)	50"L x 7"W x 6"H	11 lb

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ORDER INFORMATION					EXAMPLE: SSPA 44SC-EDGELIT

Fixture	Series	Model	Finish	Input	Mounting
	SSPA	44SC-EDGELIT	blank	blank	blank

Accessories Options

A SERIES

SSPA	Slot Surface Selectable Panel

B MODEL

Code	Size	Power	CCT	lm/W (avg.)
44SC-EDGELIT	4" x 4'	20W / 30W / 40W	3000K / 3500K / 4000K	85lm/W

C FINISH

blank	White

D INPUT

blank	120-277V, 0-10V Dimming

E MOUNTING

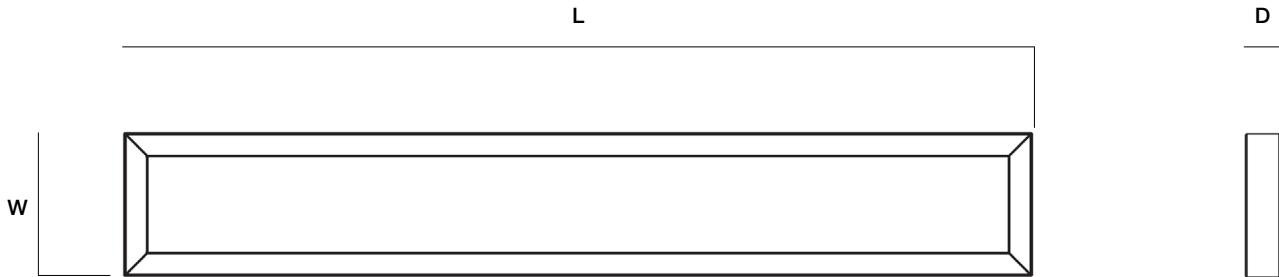| blank	Surface Mount Bracket Included

F ACCESSORIES/OPTIONS

AIA	Assembled in America, compliant with BAA (COTS)
CONTROL-XFAC*	AVI-ON Bluetooth Zone Controller Adapter
EMB-H08170*	High Voltage Output Smart Emergency Battery 8W 100-347VAC Input 170VDC Output
EMB-H18170*	High Voltage Output Smart Emergency Battery 18W 100-347VAC Input 170VDC Output

*see page 5 for sensor and emb spec

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DIMENSIONS

Model	L	W	D
SSPA-44SC	47.76" (1213mm)	3.74" (95mm)	0.94" (24mm)

L

D

W

Surface Mount Bracket (included)

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PERFORMANCE DATA

SSPA-44SC

Zone	Lumen	Luminaire%
0-30	1070	30.70
0-40	1745	50
0-60	2914	83.50
0-90	3490	100
0-180	3490	100

Lumen: 3490
Input Watts: 40 W
Efficacy: 87.3 LPW
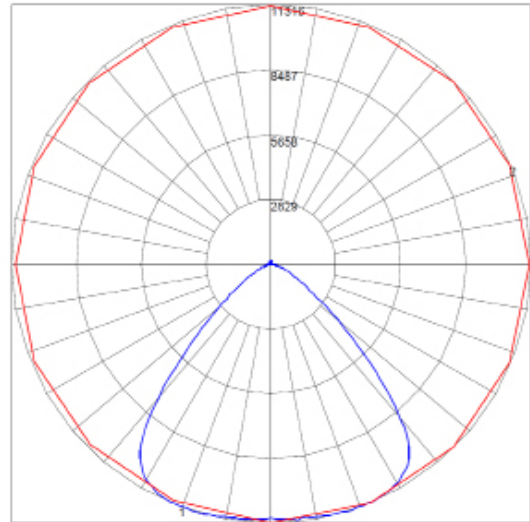
Maximum Candela = 1386.46 Located At Horizontal Angle = 90, Vertical Angle = 1
1 - Vertical Plane Through Horizontal Angles (90 - 270) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (1) (Through Max. Cd.)

IES: SSPA-44SC @ 40W 3500K

SYSTEM WATTS	SIZE	VOLTAGE	LUMEN	LPW (avg.)
20W	SRPA-44SC	120-277V	1700	85
30W	SRPA-44SC	120-277V	2550	85
40W	SRPA-44SC	120-277V	3400	85

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SENSOR SPEC

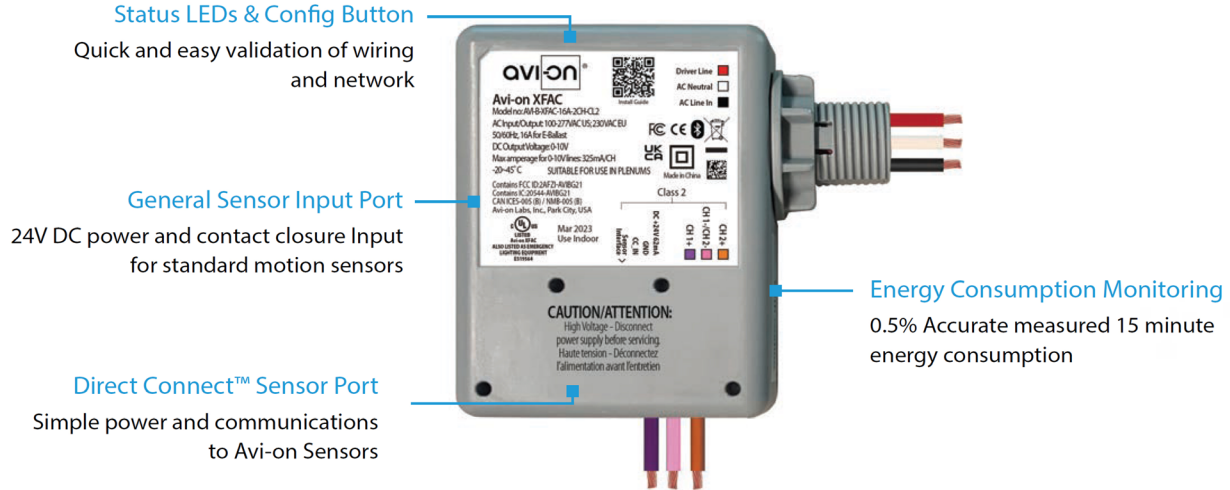| Model	Type	Mounting	Coverage	Input	Function	Programmable
CONTROL-XFAC (see page 6 for detail)	Fixture Controller	-	-	100-277VAC	Bluetooth On/Off/Dimming Scheduling	AVI-ON Bluetooth Mobile App

CONTROL-XFAC

EMB SPEC

Model	Battery Capacity	Input	Output	Output Power	Operating Temp	Installation
EMB-H08170	90mins	100-347VAC	170VDC	8W	0°C ~ 50°C 32°F ~ 122°F	Factory or Field Install
EMB-H18170	90mins	100-347VAC	170VDC	18W	0°C ~ 50°C 32°F ~ 122°F	Factory or Field Install

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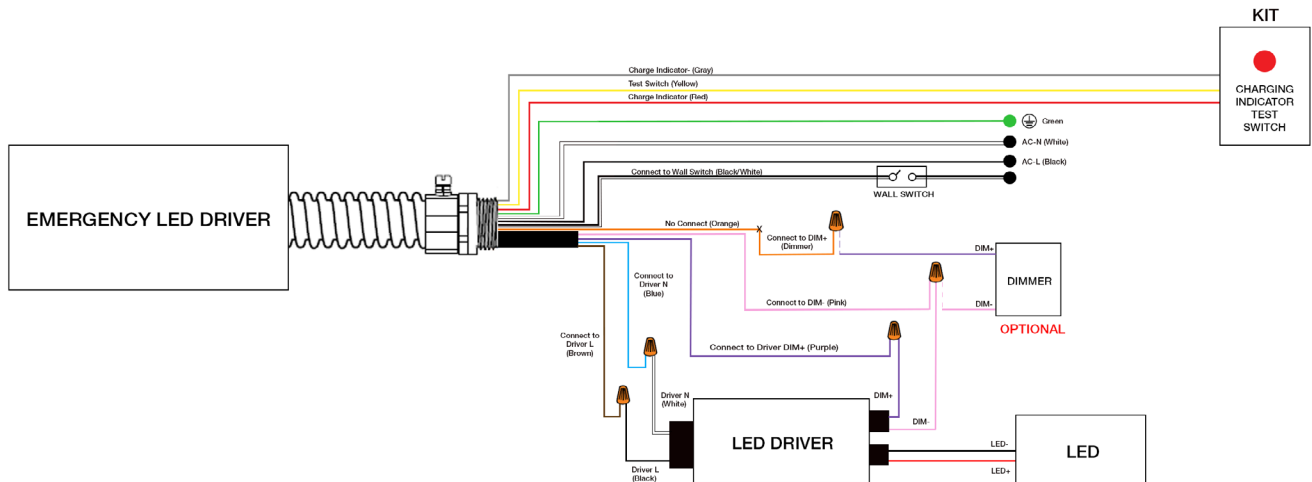
SSPA SERIES SLOT SURFACE SELECTABLE PANEL

CONTROL-XFAC SPEC

Status LEDs & Config Button
Quick and easy validation of wiring and network

General Sensor Input Port
24V DC power and contact closure Input for standard motion sensors

Direct Connect™ Sensor Port
Simple power and communications to Avi-on Sensors

Energy Consumption Monitoring
0.5% Accurate measured 15 minute energy consumption

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