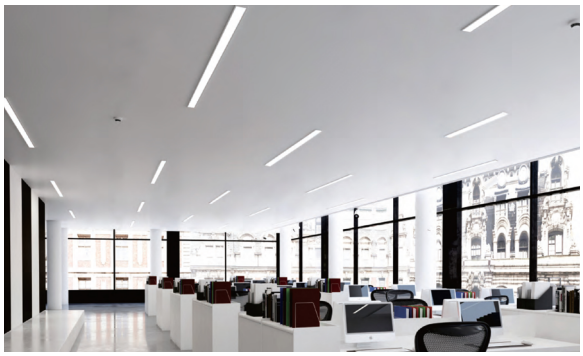
Client:
Project:
Type:
Quantity:

SSPA SERIES SLOT SURFACE SELECTABLE PANEL



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.

Output / CCT Selector

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.

SSPA SERIES SLOT SURFACE SELECTABLE PANEL

ORDER INFORMATION

EXAMPLE: SSPA 44SC-EDGELIT

Fixture	Series	Model	Finish	Input	Mounting
	SSPA		blank	blank	blank

Accessories
Options

A SERIES

SSPA	Slot Surface Selectable Panel

B MODEL

Code	Size	Power	CCT	lm/W (avg.)
42SC-EDGELIT	4” x 2FT	20W	3000K / 3500K / 4000K	80lm/W - 800lm/Ft
44SC-EDGELIT	4” x 4FT	20W / 30W / 40W	3000K / 3500K / 4000K	80lm/W - 800lm/Ft
62SC-EDGELIT	6” x 2FT	20W	3000K / 3500K / 4000K	85lm/W - 850lm/Ft
64SC-EDGELIT	6” x 4FT	20W / 30W / 40W	3000K / 3500K / 4000K	85lm/W - 850lm/Ft

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*	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
GTD-ESRLUD**	Emergency Battery Generator Transfer Device 120-277 VAC Input

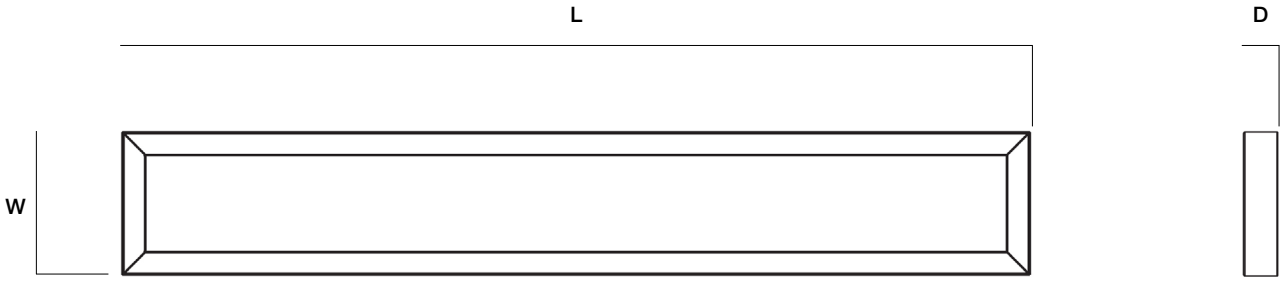
*see page 5 for sensor and emb spec

**see page 7 and 8 for GTD spec

SSPA SERIES SLOT SURFACE SELECTABLE PANEL

DIMENSIONS

Model	L	W	D
SSPA-42SC	23.70” (602mm)	4.25” (108mm)	0.94” (24mm)
SSPA-44SC	47.76” (1213mm)	4.25” (108mm)	0.94” (24mm)
SSPA-62SC	23.70” (602mm)	5.75” (146mm)	0.94” (24mm)
SSPA-62SC	47.76” (1213mm)	5.75” (146mm)	0.94” (24mm)



Surface Mount Bracket (included)

SSPA SERIES SLOT SURFACE SELECTABLE PANEL

PERFORMANCE DATA

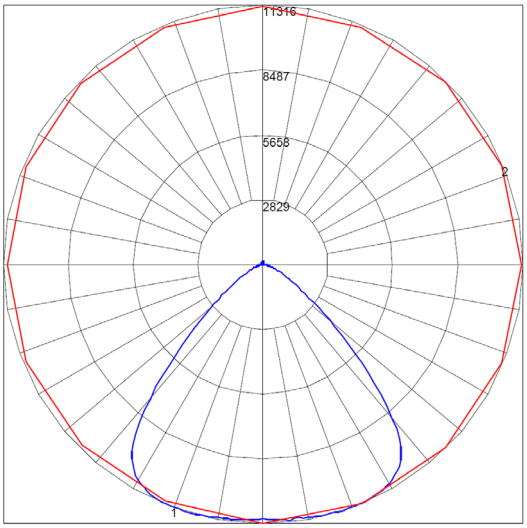
SSPA-44SC

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	SSPA-42SC	120-277V	1600	80
20W	SSPA-44SC	120-277V	1600	80
30W	SSPA-44SC	120-277V	2400	80
40W	SSPA-44SC	120-277V	3200	80
20W	SSPA-62SC	120-277V	1700	85
20W	SSPA-64SC	120-277V	1700	85
30W	SSPA-64SC	120-277V	2550	85
40W	SSPA-64SC	120-277V	3400	85

SSPA SERIES SLOT SURFACE SELECTABLE PANEL

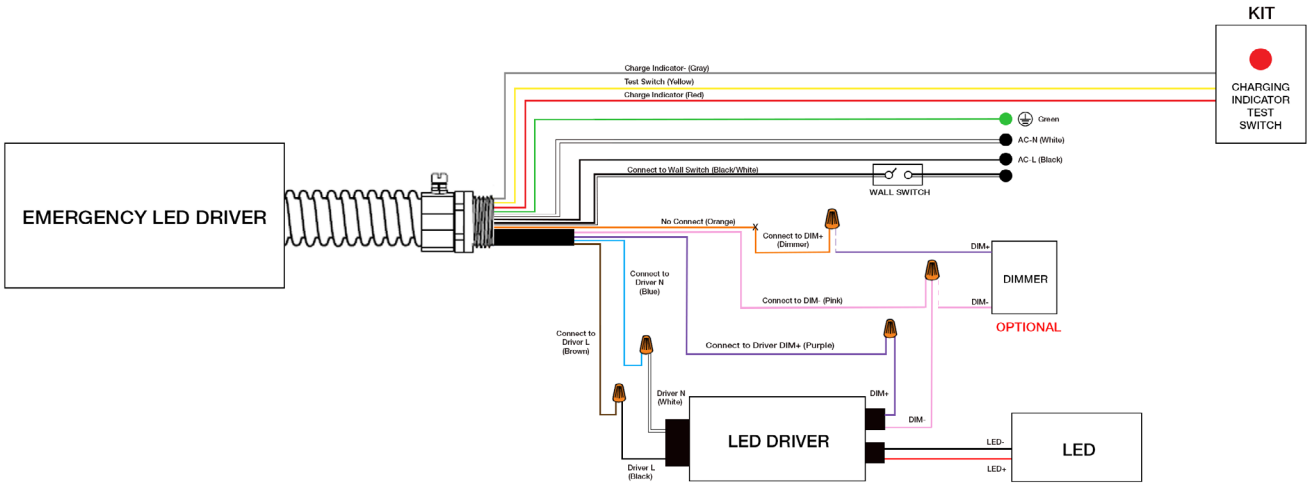
SENSOR SPEC

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

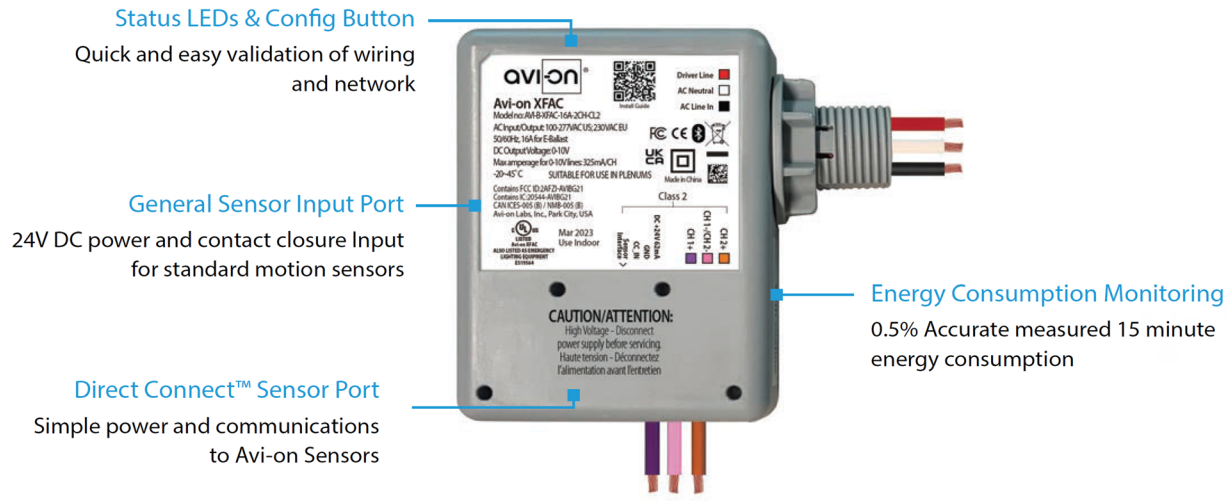
EMB SPEC

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



SSPA SERIES SLOT SURFACE SELECTABLE PANEL

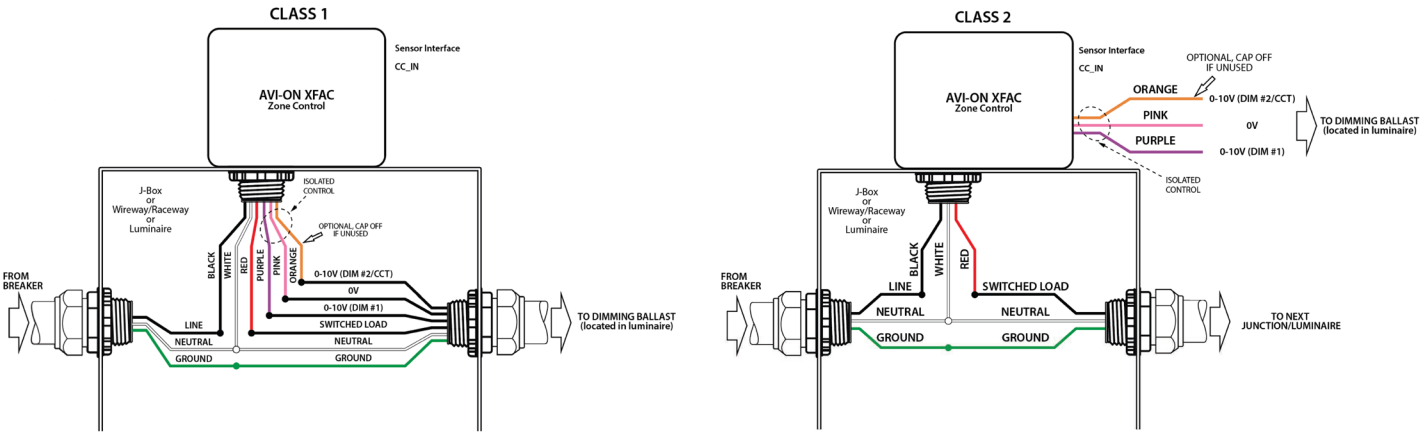
CONTROL-XFAC SPEC



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



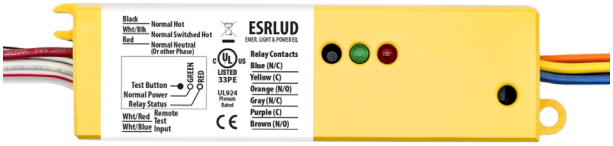
ALS®
Advantage Lighting Solutions

GTD-ESRLUD Generator Transfer Device

Client:
Project:
Type:
Quantity:

CONSTRUCTION

Yellow metal casing. Integrates with dry contact systems to provide lighting during power outages. Features a slim enclosure, allowing for seamlessly integrating into existing building infrastructure.
Designed for commercial and industrial applications that require an emergency load to be switched on during a loss of normal power.



SPECIFICATIONS

COIL CURRENT:	Normal Power = 6mA MAX
COIL VOLTAGE INPUT:	120-277V AC (50/60 Hz)
EXPECTED RELAY LIFE:	10 Million Cycles Min Mechanical
RELAY CONTACT RATINGS:	10 Amp Resistive @ 30 V DC 10 Amp General Use @ 277 V AC
OPERATING TEMP:	-30°F ~ +140°F (-34°C ~ +60°C)
OPERATE TIME:	18ms
HUMIDITY RANGE:	5-95% (Noncondensing)
LED:	Green = Normal Power Red = Relay Status
DIMENSIONS:	1.40”H x 5.63”W x 1.00”D
WIRES:	16”, 600V Rated
OVERRIDE (TEST SWITCH):	No
APPROVALS:	UL924, C-UL, CE, ROHS
NOTES:	Device Draws no Current From Emergency Source

TESTING

INITIAL TEST FOR CORRECT WIRING:	Apply Normal Power To Normal Power Input a. Green LED (Normal Power) should be ON b. Red LED (Relay Status) should be ON c. Load should be OFF d. Relay Contact (N/O) should be CLOSED
LOCAL TEST BUTTON:	1. Turn Switched Circuit OFF. Load be OFF. 2. Press and Hold “Local Test Button” 3. Load should Turn ON 4. Release “Local Test Button” and Emergency Light should Turn OFF.
WALL SWITCH:	1. Turn ON Wall Switch If not already ON 2. Load should Turn ON 3. Turn Wall Switch OFF 4. Load will Turn OFF

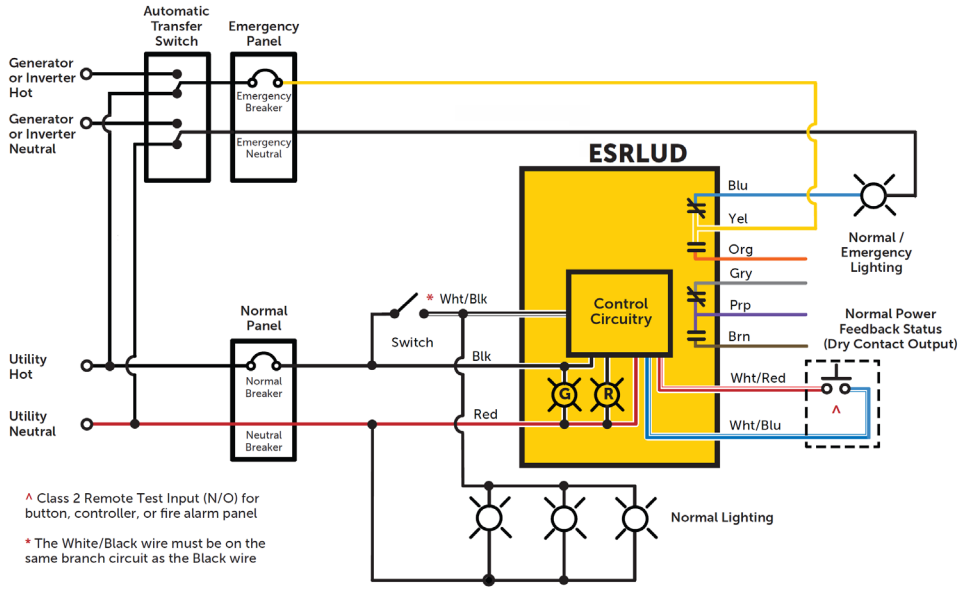
TROUBLESHOOTING

CONDITION	ACTION
Green LED is OFF	• Check Normal Power Input Wiring (Black and Red Wires) and Voltage.
Red LED is OFF but Load is OFF	• Check Bulbs and Ballast. • Check Load Wiring (Blue Wire and Load’s Neutral). • Replace Unit. (Assuming N/C Contact is Used).
Load is ON but Red LED is ON	• Replace Unit. (Assuming N/C Contact is Used).
Red LED does not Turn OFF and Load does not Turn ON when being tested	• Check Bulbs and Ballast. • Check Wiring Connections if Using a Remote Test Option. • Press Local Test Button on the Unit. • Replace Unit.
Red LED will not Turn ON and Load will not Turn OFF	• Verify Status of Normal Power Input. • Open Wall Switch Input. • Verify That No Test Inputs are Stuck Closed.

GTD-ESRLUD Generator Transfer Device

WIRING DIAGRAM

USING EMERGENCY LIGHTING AS NORMAL LIGHTING



OVERRIDING A 0-10V DIMMER