



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



Output / CCT Selector

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

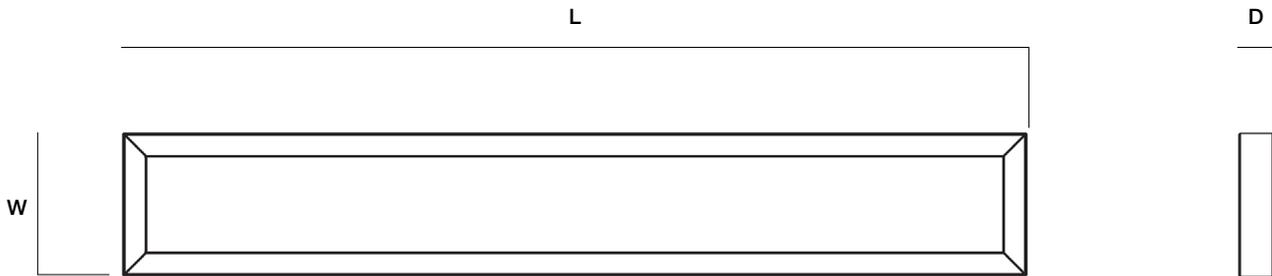
- BAA** Assembled in America, compliant with BAA (COTS)
- CONTROL-XFAC*** AVI-ON Bluetooth Zone Controller Adapter
- EMB-H08170*** 90-Minute Self-Diagnostic Emergency Battery 8W 100-347VAC Input 170VDC Output
- EMB-H18170*** 90-Minute Self-Diagnostic Emergency Battery 18W 100-347VAC Input 170VDC Output

*see page 5 for sensor and emb 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

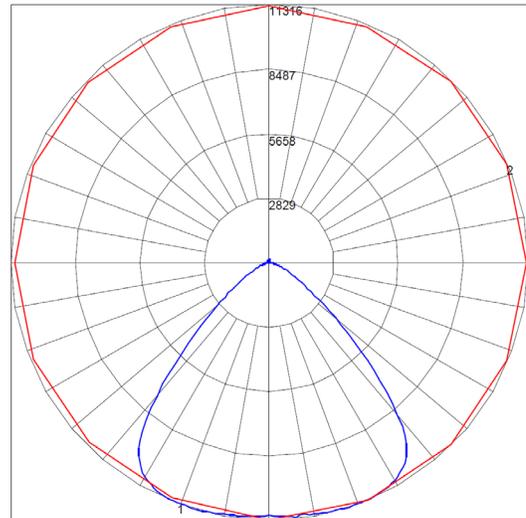
PERFORMANCE DATA

SSPA-44SC

IES: SSPA-44SC @ 40W 3500K

| 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.)

| 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

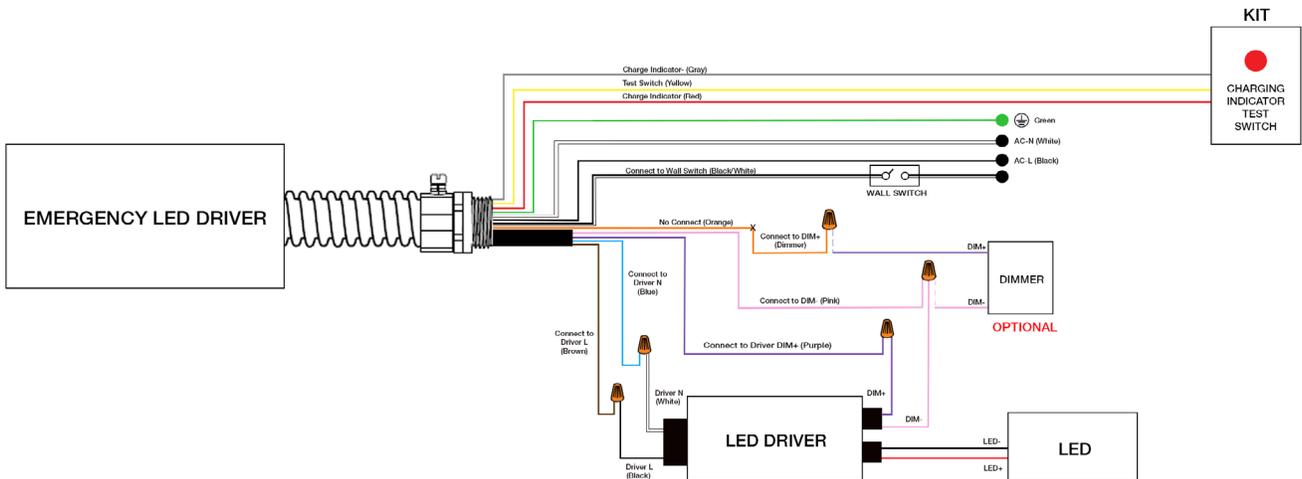
| Model | Type | Mounting | Coverage | Input | Function | Programmable |
|---|--------------------|----------|----------|------------|---|-----------------------------------|
| CONTROL-XFAC (see page 6 for detail) | Fixture Controller | - | - | 100-277VAC | Bluetooth On/Off/Dimming Scheduling | AVI-ON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



CONTROL-XFAC

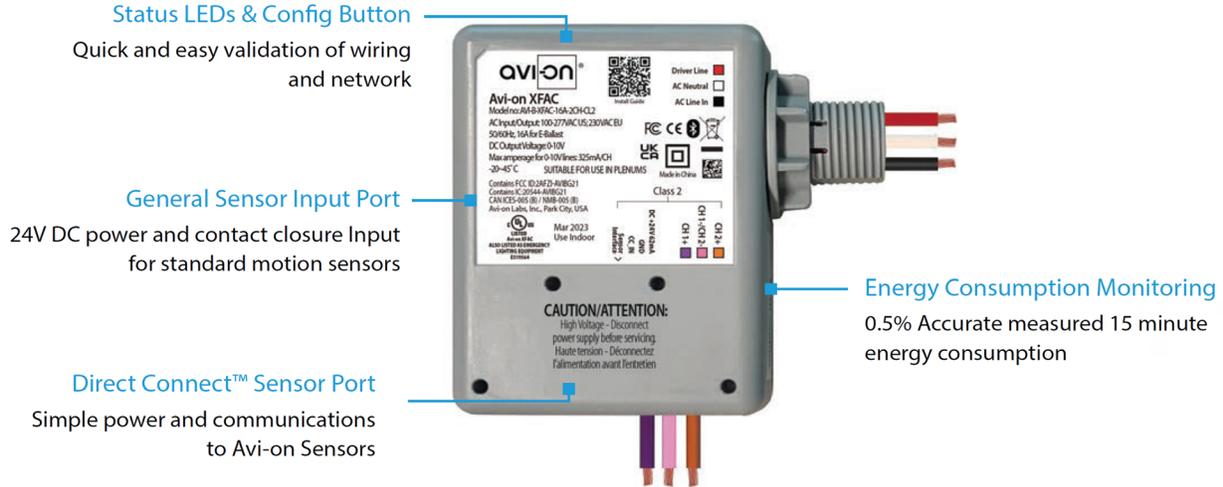
EMB SPEC

| 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 | 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

