# SRPA SERIES SLOT RECESSED SELECTABLE PANEL

Client:
Project:
Type:
Quantity:

## CONSTRUCTION
Low profile extruded aluminum frame, multiple wiring entrances on driver enclosure for easy access. Suitable for installation into T-grid ceilings.

## OPTICS
Backlit 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.
Driver operates at 120-277V input, 0-10V dimmable driver, dim-to-off.
Compatible with Bluetooth Mesh system.

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

## MOUNTING
Designed to accommodate lay-in ceilings, Slot T, and T-bar suspension system for 5/8" and 3/8" width.

## 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.

## SHIPPING DATA

| Product | Measurement | Weight |
|---|---|---|
| SRPA-42 (6-pack) | 25"L x 10"W x 7"H | 17 lb |
| SRPA-44 (6-pack) | 49"L x 10"W x 7"H | 33 lb |
| SRPA-48 (2-pack) | 96"L x 10"W x 7"H | 11 lb |
| SRPA-62 (1-pack) | 25"L x 14"W x 7"H | 26 lb |
| SRPA-64 (6-pack) | 49"L x 14"W x 7"H | 48 lb |
| SRPA-68 (1-pack) | 96"L x 7"W x 3"H | 17 lb |

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## ORDER INFORMATION

**EXAMPLE: SRPA 44SC-BACKLIT**

| Fixture | Series | Model | Finish | Input | Mounting |
|---|---|---|---|---|---|
| | SRPA | | blank | blank | blank |
| Accessories Options | | | | | |

## A SERIES

| | |
|---|---|
| **SRPA** | Slot Recessed Selectable Panel |

## B MODEL

| CODE | SIZE | LM | CCT | EFFICACY (AVG) |
|---|---|---|---|---|
| **42SC-BACKLIT** | 4” x 2’ | 2,000 | Field Selectable 3000K / 3500K / 4000K | 110 lm/W |
| **44SC-BACKLIT** | 4” x 4’ | 4,000 | Field Selectable 3000K / 3500K / 4000K | 110 lm/W |
| **48SC-BACKLIT** | 4” x 8’ | 8,000 | Field Selectable 3000K / 3500K / 4000K | 110 lm/W |
| **62SC-BACKLIT** | 6” x 2’ | 2,750 | Field Selectable 3000K / 3500K / 4000K | 110 lm/W |
| **64SC-BACKLIT** | 6” x 4’ | 5,500 | Field Selectable 3000K / 3500K / 4000K | 110 lm/W |
| **68SC-BACKLIT** | 6” x 8’ | 10,000 | Field Selectable 3000K / 3500K / 4000K | 110 lm/W |

## C FINISH

| | |
|---|---|
| **blank** | White |

## D INPUT

| | |
|---|---|
| **blank** | 120-277V, 0-10V Dimming |

## E MOUNTING

| | |
|---|---|
| **blank** | Standard lay-in |

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

*see page 4 for sensor and emb spec

**see page 6~7 for GTD spec

# SRPA SERIES SLOT RECESSED SELECTABLE PANEL

## DIMENSIONS

| Model | L | W | D |
|---|---|---|---|
| SRPA-42SC-BACKLIT | 23.74” (603mm) | 3.94” (100mm) | 1.42” (36mm) |
| SRPA-44SC-BACKLIT | 47.72” (1212mm) | 3.94” (100mm) | 1.42” (36mm) |
| SRPA-48SC-BACKLIT | 95.00” (2413mm) | 3.94” (100mm) | 1.42” (36mm) |
| SRPA-62SC-BACKLIT | 23.74” (603mm) | 5.91” (150mm) | 1.42” (36mm) |
| SRPA-64SC-BACKLIT | 47.72” (1212mm) | 5.91” (150mm) | 1.42” (36mm) |
| SRPA-68SC-BACKLIT | 95.00” (2413mm) | 5.91” (150mm) | 1.42” (36mm) |

# SRPA SERIES SLOT RECESSED SELECTABLE PANEL

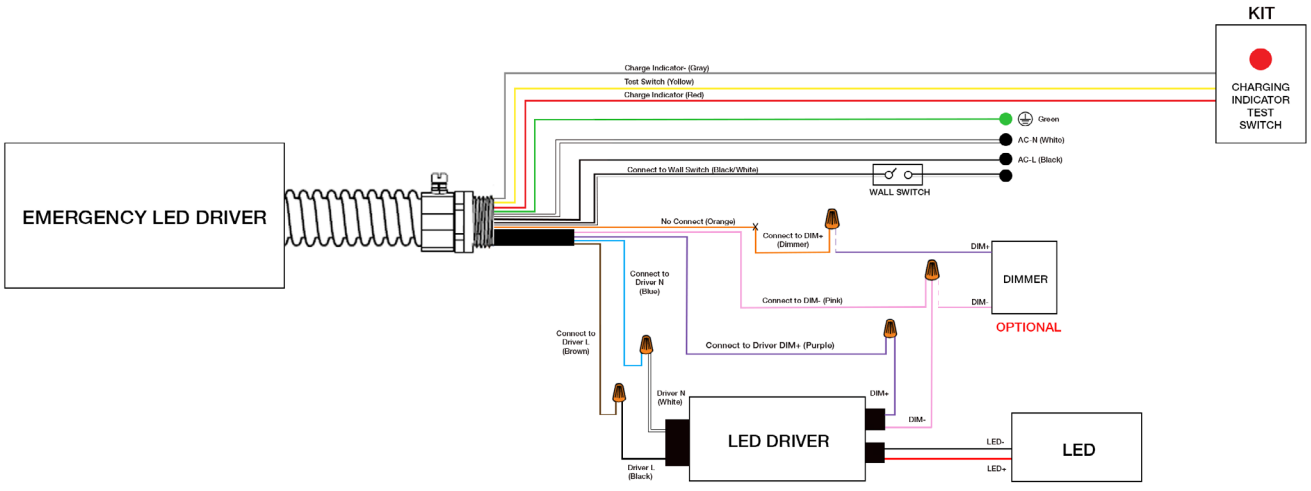
## SENSOR SPEC

| 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

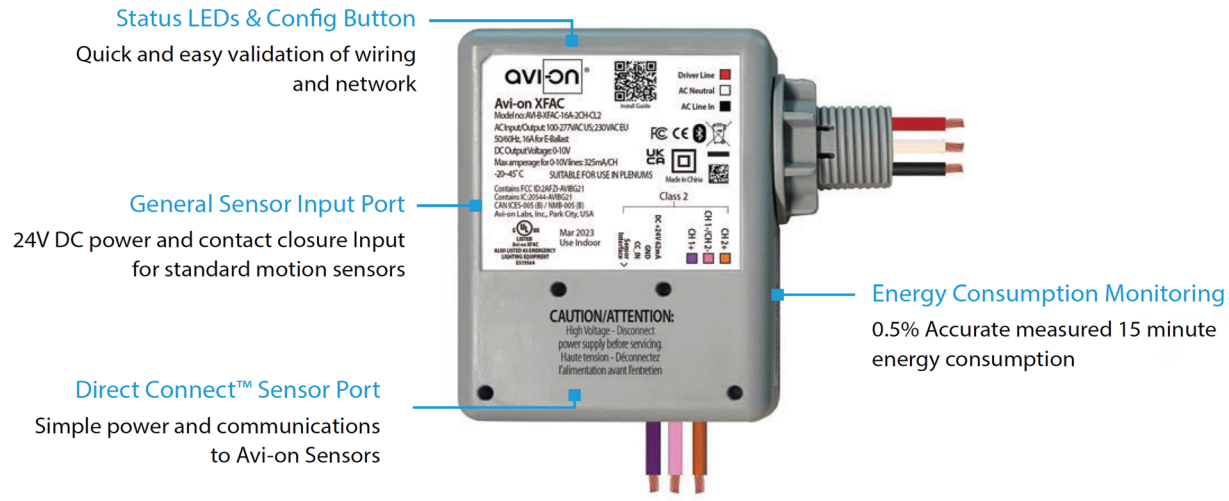
## EMB SPEC

| 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 |



# SRPA SERIES SLOT RECESSED SELECTABLE PANEL

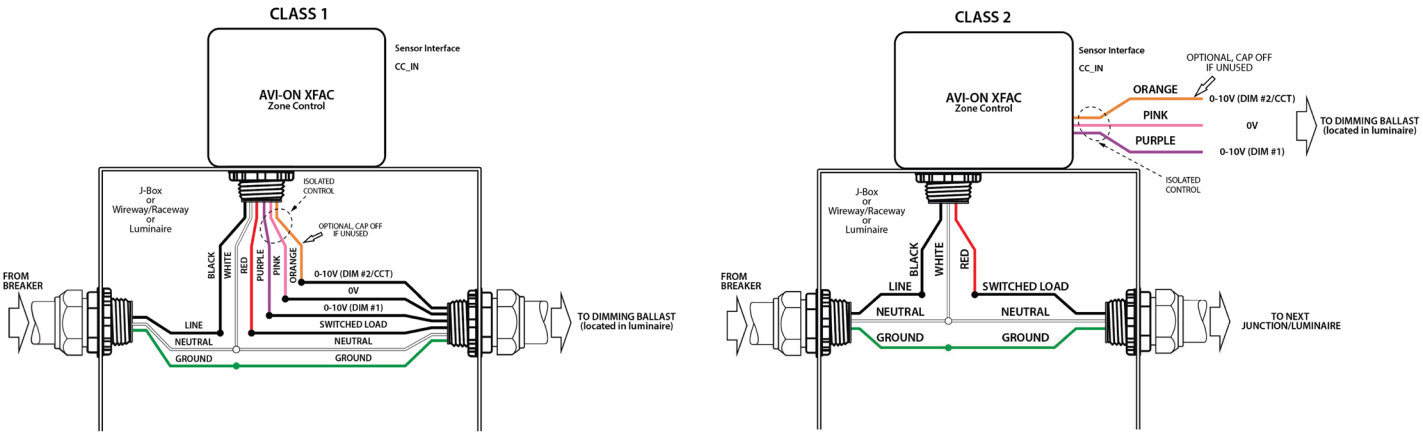
## CONTROL-XFAC SPEC




## SPECIFICATIONS

| | |
|---|---|
| **INPUT VOLTAGE:** | 100-277VAC |
| **CURRENT:** | MIN: 20 / 14mA<br>MAX: 81 / 46mA |
| **0-10V DIMMING:** | 100-277VAC |
| **SIZE:** | 3.58" x 3.58" x 1.57"<br>(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<br>Contact Discharge: ± 8kV<br>Air Discharge: ±12kV |
| **AMPERAGE FOR 0-10V LINES:** | 325mA / CH |
| **WARRANTY:** | 5 years |
| **REGULATORY:** | FCC: 2AFZI-AVIBG21<br>IC: 20544-AVBG21<br>BQB: D059595, DID: 185220<br>UL 924, 2043 |

## WIRING DIAGRAM



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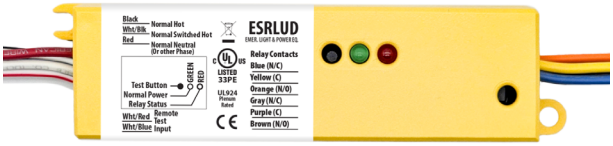
# GTD-ESRLUD Generator Transfer Device

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<br>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<br>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<br>a. Green LED (Normal Power) should be ON<br>b. Red LED (Relay Status) should be ON<br>c. Load should be OFF<br>d. Relay Contact (N/O) should be CLOSED |
| **LOCAL TEST BUTTON:** | 1. Turn Switched Circuit OFF. Load be OFF.<br>2. Press and Hold "Local Test Button"<br>3. Load should Turn ON<br>4. Release "Local Test Button" and Emergency Light should Turn OFF. |
| **WALL SWITCH:** | 1. Turn ON Wall Switch If not already ON<br>2. Load should Turn ON<br>3. Turn Wall Switch OFF<br>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.<br>• Check Load Wiring (Blue Wire and Load's Neutral).<br>• 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.<br>• Check Wiring Connections if Using a Remote Test Option.<br>• Press Local Test Button on the Unit.<br>• Replace Unit. |
| Red LED will not Turn ON and Load will not Turn OFF | • Verify Status of Normal Power Input.<br>• Open Wall Switch Input.<br>• Verify That No Test Inputs are Stuck Closed. |

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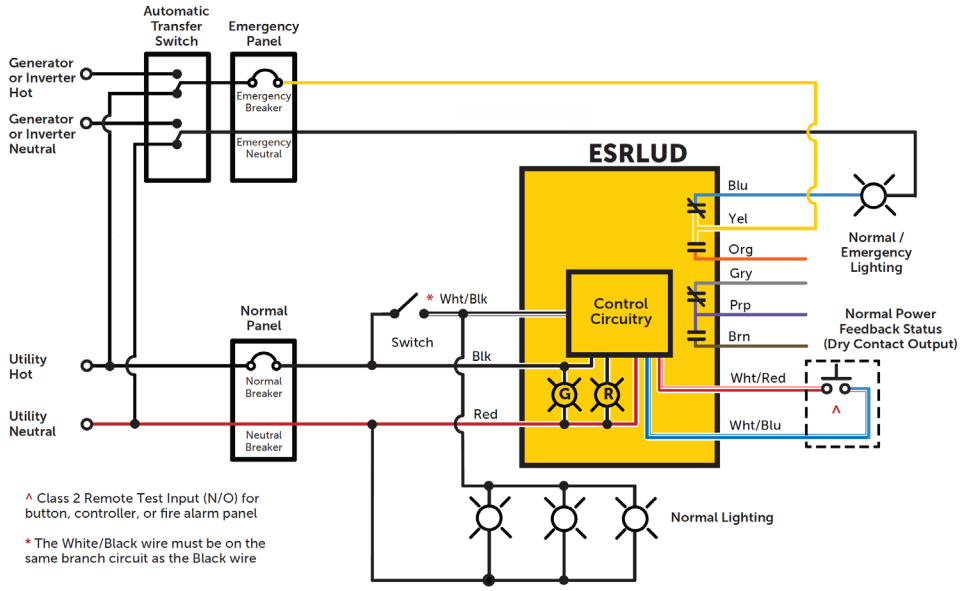
PROUDLY ASSEMBLED IN AMERICA
Quick Ship

# GTD-ESRLUD Generator Transfer Device

## WIRING DIAGRAM

### USING EMERGENCY LIGHTING AS NORMAL LIGHTING




### OVERRIDING A 0-10V DIMMER