

# Backlit-Line: LED Slot Panels

## 6-CCT & 3-Power Selectable



4x2FT  
4x4FT  
4x8FT

Sensor

Shown with  
Sensor Option

### Detail Specifications:

- Finish: White, Custom finishes available
- IP Dating: Damp Location (IP44)
- 6CCT: 27/30/35/40/50/65K
- Beam Angle: 110°
- Chip: SMD 2835, R9 >50, CRI >80
- Operating Temperature: -40° - 114° F
- Lens: PS (polystyrene) frosted, non-yellowing, & shatter resistant
- Average life (L70) of 50,000 hours
- IC Rated

### Applications:

- General Indoor Lighting
- T-bar
- Utility & Storage
- Garage Structures
- Office and Meeting Rooms
- Education, Healthcare, Retail, Hospitality
- Commercial and Industrial

### Product Information:

- Control Options:
  - Standard Sensors
  - SILVAIR Bluetooth Mesh
  - ENVISIONLS Bluetooth
  - [Click Here](#) for More Information

### Driver Options:

- UNV: 120-277V 0-10V Dimmable (Dim to Off)
- Standard EMB used:
  - 3M20/3M40: 8W EMB (LED-EMB-8W-HV-0-10V-2P)
  - 3M80: 15W EMB (LED-EMB-15W-HV-0-10V-2P)
  - 25W EMB available by request.
- THD: <20% (+/-5% tolerance), PF >0.9, 50/60Hz
- Isolated Driver
- Flicker Free

### Mounting & Installations:

- Lay-in ceilings for 5/8" and 3/8" ceiling widths
- Built-in earthquake clips
- Optional 9' suspension kit available
- Optional surface mount, drywall kit available
- Use surface mount and suspension kit for an aesthetically pleasing design

### Certifications:

- ETL Listed for USA and CA
- DLC Listed
  - Pending: ETA 02/2025
- JA8 Listed
- Approved for CA T24
- 5 Year Limited Warranty
- FCC CFR 47, GCC Part 15, Subpart B:2017

### Regular Versions

| 2ft. |        | 4ft. |        | 8ft. |        |
|------|--------|------|--------|------|--------|
| WATT | LUMENS | WATT | LUMENS | WATT | LUMENS |
| 10   | 1,250  | 20   | 2,500  | 40   | 5,000  |
| 15   | 1,750  | 30   | 3,500  | 60   | 7,000  |
| 20   | 2,200  | 40   | 4,400  | 80   | 8,800  |

| Series                                       | Sensor  | Emergency Finish <sup>1</sup>                     |  | Whip                               |
|--|---|---|--|------------------------------------|
| <b>LED-BPL-4ix2ft-3M20-6CCT</b><br>20/15/10W | (blank)<br>No Sensor                              | (blank)   | (blank)                                  | (blank)                            |
| <b>LED-BPL-4ix4ft-3M40-6CCT</b><br>40/30/20W | <b>SR</b><br>Sensor Ready<br>(See sensor options) | No<br>Emergency<br><b>EMB</b><br>Emergency Backup | White<br><b>BL</b> <sup>1</sup><br>Black | No Whip<br><b>-6FLX</b><br>6' Flex |
| <b>LED-BPL-4ix8ft-3M80-6CCT</b><br>80/60/40W |   |   |  |                                    |

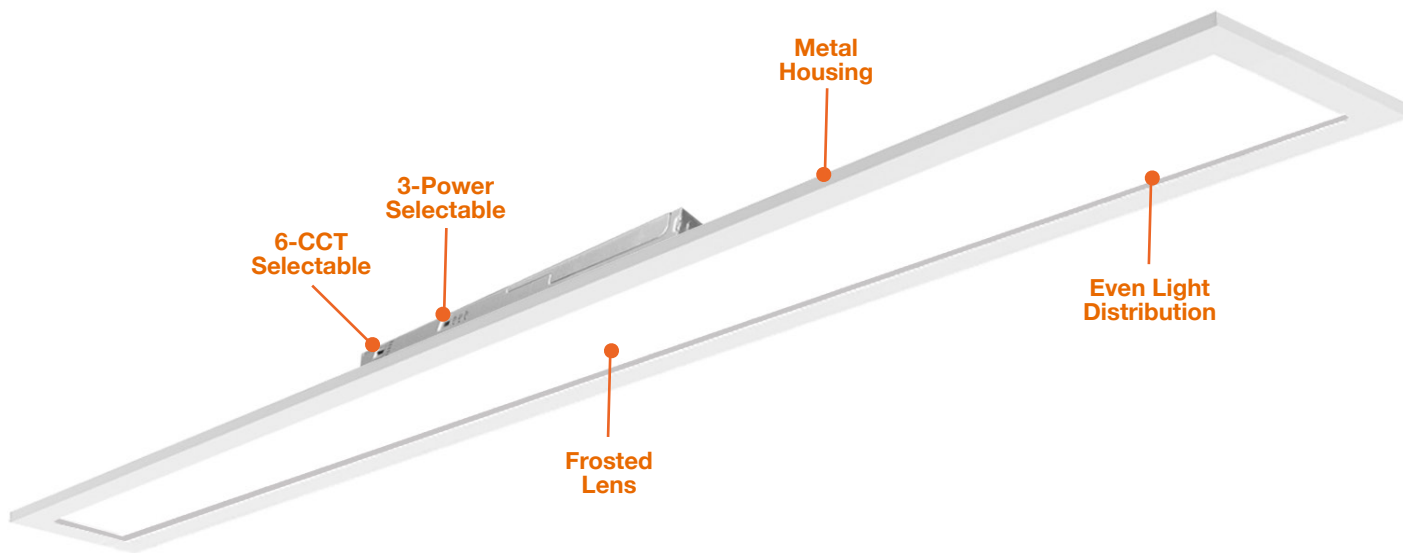
1. Standard quick ship finish is white. Other colors are custom finishes.  
2. HV: High voltage is made to order.

### Optional Accessories (Order Separately)

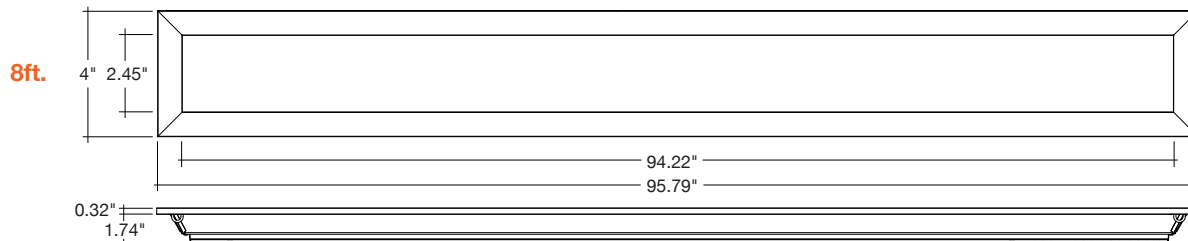
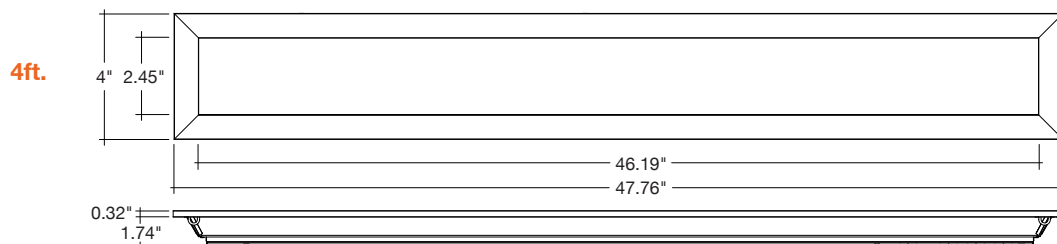
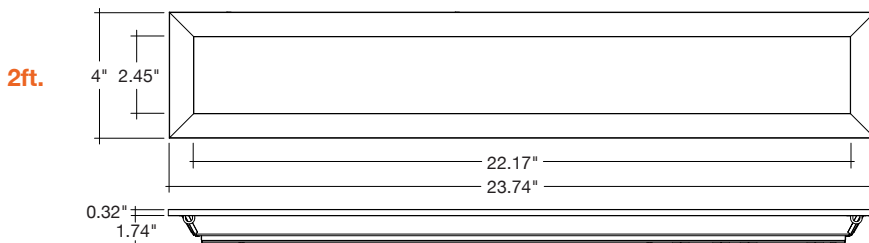
| Sensors  | Suspension Kits   | Drywall Kits   |
|--|---|--|
| <b>S-AUD-PIR-1</b><br>PIR Bi-Level Motion<br>+ Daylight Sensor<br>Remote Required:<br>(S-LINE-R) | <b>SK-10FT-Y-LC-CB</b><br>10' Suspension Kit<br><b>SK-20FT-Y-LC-CB</b><br>20' Suspension Kit<br><b>CK-6FT-V</b><br>6' chain hanging kit | <b>4ix2ft-FLNG</b><br><b>4ix4ft-FLNG</b><br><b>4ix8ft-FLNG</b> |
| <b>S-AUD-PIR-BT</b><br>PIR ENVISIONLS<br>Bluetooth Control                                       |   |  |
| <b>S-AUD-PIR-SL</b><br>PIR SILVAIR<br>Bluetooth Mesh   |   |  |

Specs and model numbers are subject to change with or without notice. Customization of product is available.

**FEATURES**



**DIMENSIONS**



**ACCESSORIES**



**SK-10FT-Y-LC-CB**  
**SK-20FT-Y-LC-CB**



**CK-6FT-V**



**S-AUD-PIR-1**  
**S-AUD-PIR-BT**  
**S-AUD-PIR-SL**



**S-LINE-R**



**4x2ft-FLNG**  
**4x4ft-FLNG**  
**4x8ft-FLNG**

| Model                   | Voltage  | Watts     | Lumens            | Color              | CRI |
|-------------------------|----------|-----------|-------------------|--------------------|-----|
| LED-BPL-4x2ft-3M20-6CCT | 120/277V | 20/15/10w | 2,200/1,750/1,250 | 27/30/35/40/50/65k | >80 |
| LED-BPL-4x4ft-3M40-6CCT | 120/277V | 40/30/20w | 4,400/3,500/2,500 | 27/30/35/40/50/65k | >80 |
| LED-BPL-4x8ft-3M80-6CCT | 120/277V | 80/60/40w | 8,800/7,000/5,000 | 27/30/35/40/50/65k | >80 |

**SUSPENSION KITS**

| Accessory       | Description           |
|-----------------|-----------------------|
| SK-10FT-Y-LC-CB | 10' Suspension Kit    |
| SK-20FT-Y-LC-CB | 20' Chain Hanging Kit |
| CK-6FT-V        | 6' Chain Hanging Kit  |

**SENSORS**











| Accessory    | Description   |
|--------------|---|
| S-AUD-PIR-1  | PIR Bi-Level Motion + Daylight Sensor Remote Required: (S-LINE-R) |
| S-AUD-PIR-BT | PIR ENVISIONLS Bluetooth Control                                  |
| S-AUD-PIR-SL | PIR SILVAIR Bluetooth Mesh  |

**DRYWALL KITS**

| Accessory  | Description                |
|------------|----------------------------|
| 4x2ft-FLNG | 4"x2' Flange (Drywall) Kit |
| 4x4ft-FLNG | 4"x4' Flange (Drywall) Kit |
| 4x8ft-FLNG | 4"x8' Flange (Drywall) Kit |

# EnVisionLED™ Control Options

EnVision LED offers 3 control systems compatible with our LED Fixtures for projects of all sizes and budgets.

|   | Basic Controls                   | EnVisionLS   | EnVisionLED™ X SILVAIR    |
|---|----------------------------------|---|--|
| <b>Description</b>                                  | Standard Plug In Sensors         | Basic Bluetooth Wireless Control  | Advanced Bluetooth Wireless Control  |
| <b>Recommended Quantity</b><br>(but not limited to) | N/A                              | >40-50 Nodes  | >50 Nodes  |
| <b>Maximum Zone Quantity</b>                        | N/A                              | 100   | 3,000  |
| <b>Commissioning Tool</b>                           | Remote Only                      |   ENVISIONLS App<br> |   SILVAIR App<br> |
| <b>Commissioning Process</b>                        | Individually Set via Remote      | Wireless<br>Must be done on site  | Wireless- Initial linking must be done on site. Commissioning can be done via desktop remotely.  |
| <b>Floor Plan Upload</b>                            | N/A                              | N/A   | Yes<br>Add a floor plan and mark luminaires & zones via desktop  |
| <b>Gateway</b>                                      | N/A                              | N/A   | Required only for energy monitoring, advanced scheduling, automated demand response.   |
| <b>Individual Luminaire Control</b>                 | Yes                              | Yes   | Yes  |
| <b>Luminaire Grouping Zoning</b>                    | N/A                              | Yes   | Yes  |
| <b>High End Power<br/>Low End Power</b>             | Yes but limited<br>(View Remote) | Yes   | Yes  |
| <b>Cost</b>   | \$                               | \$\$  | \$\$\$   |
| <b>DLC NLC Listed</b>                               | N/A                              | Yes   | Yes  |
| <b>Energy Monitoring &amp;<br/>Data Reporting</b>   | N/A                              | N/A   | Monitor energy usage per individual zone & retrofit cost savings calculation + detailed reporting  |







# Compatible Products:

EnVision offers a variety of nodes, sensors, & gateways that are controlled via remote, ENVISIONLS Bluetooth Mesh & SILVAIR Bluetooth Mesh on all of our 0-10V dimmable fixtures.






## Individual Fixture Controls: PIR Sensor, Bi-Level Dimming, Daylight


Basic Note: **-1** • ENVISIONLS Models Note: **-BT** • SILVAIR Models Note: **-SL**

|   | MODEL #   | DESIGN                                 | RECOMMENDED FIXTURE  | FEATURES   |
|---|---|--|--|--|
|   | <b>S-TWC-PIR-1</b><br><b>S-TWC-PIR-BT</b><br><b>S-TWC-PIR-SL</b>                                  | Twist-C Control Sensor                 | Sensor Ready Fixtures:<br>Area Lights, Canopies, Flood Lights, High Bays | All models are equipped with PIR occupancy sensing, high & low end bi-level dimming, & daylight sensing. |
|  | <b>S-TWC-90 + S-TWC-PIR-1</b><br><b>S-TWC-90 + S-TWC-PIR-BT</b><br><b>S-TWC-90 + S-TWC-PIR-SL</b> | Twist-C Control Sensor + 90 Degree Arm | Cylinders, Strips, Wall Packs  |  |
|  | <b>S-AUD-PIR-1</b><br><b>S-AUD-PIR-BT</b><br><b>S-AUD-PIR-SL</b>                                  | 2.5m Audio Jack                        | Panels & Troffers  |  |
|  | <b>S-SN-PIR-1</b><br><b>S-SN-PIR-BT</b><br><b>S-SN-PIR-SL</b>                                     | Snap In Sensor                         | Troffers & Wraps   |  |

## Group Controls ENVISIONLS Models Note : **-BT** • SILVAIR Models Note: **-SL**

|   | MODEL #  | DESIGN  | VOLTAGE  | FEATURES  | RECOMMENDED FEATURES                |
|---|--|---|----------|---|-------------------------------------|
|  | <b>S-CM-PIR-LV-BT</b><br><b>S-CM-PIR-LV-SL</b>     | Ceiling Mounted PIR Sensor                                    | 12-24V   | PIR Sensor, Bi-Level Dimming, Daylight, 360° detection, 12' Max Mounting Height | Connects to 0-10V dimmable fixtures |
|  | <b>S-WM-PIR-CUNV-BT</b><br><b>S-WM-PIR-CUNV-SL</b> | Wall Mounted PIR Occupancy Sensor, Bi-Level Dimming, Daylight | 120-277V | On/Off PIR occupancy sensor, 180° detection, 30' detection @ 4' Mounting Height | Connects to LED fixtures            |
|  | <b>S-WS-120V-USB-SL</b>                            |   | 120V     | Dimming Wall Socket, Two Sockets  | Floor Lamps, Other Lamps            |

## Gateway (Silvair Only) 4.5–5.5 V DC, 2A Power over Ethernet 36–57 V DC

|   | MODEL #        | DESIGN                  | VOLTAGE | FEATURES                           | RECOMMENDED FEATURES                                   |
|---|----------------|-------------------------|---------|------------------------------------|--|
|  | <b>SGW-102</b> | Wall or Ceiling Mounted | POE     | Advanced Energy Monitoring Control | Connects to Silvair Controls. Gateway is not required. |