

# 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-4x2ft-3M20-6CCT</b> 20/15/10W	(blank) No Sensor	(blank)	(blank)	(blank)
<b>LED-BPL-4x4ft-3M40-6CCT</b> 40/30/20W	<b>SR</b> Sensor Ready (See sensor options)	No Emergency <b>EMB</b> Emergency Backup	White <b>BL<sup>1</sup></b> Black	No Whip <b>-6FLX</b> 6' Flex
<b>LED-BPL-4x8ft-3M80-6CCT</b> 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)

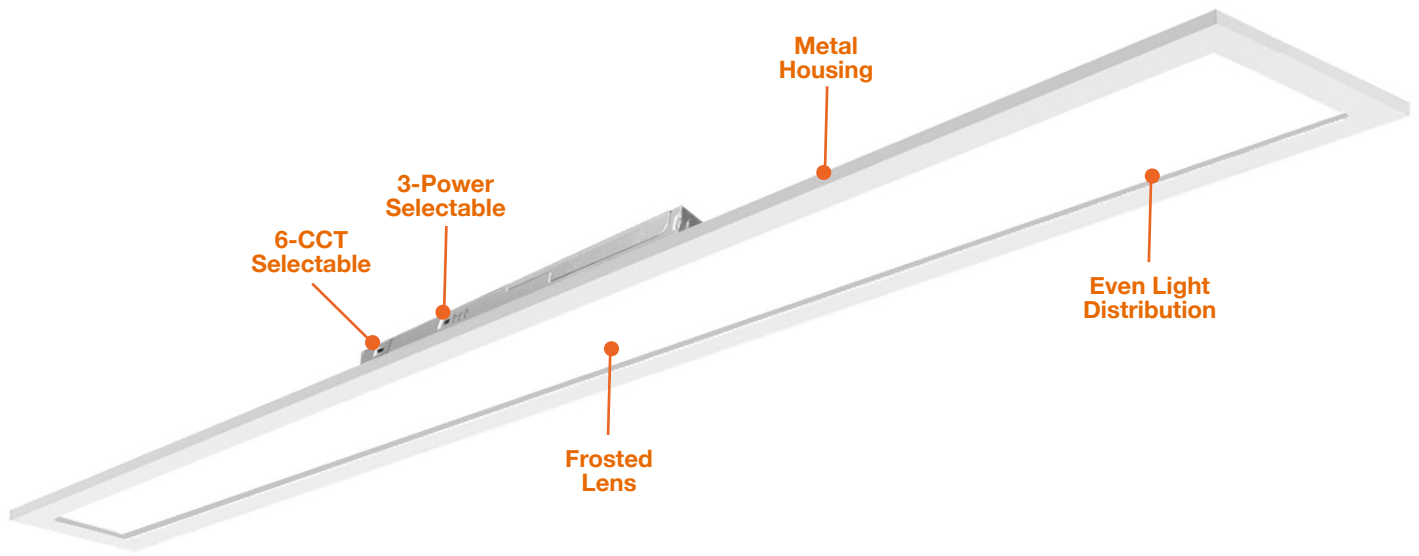
Sensors	Suspension Kits	Drywall Kits
<b>S-AUD-PIR-1</b> PIR Bi-Level Motion + Daylight Sensor Remote Required: (S-LINE-R)	<b>SK-10FT-Y-LC-CB</b> 10' Suspension Kit	<b>4x2ft-FLNG</b> <b>4x4ft-FLNG</b> <b>4x8ft-FLNG</b>
<b>S-AUD-PIR-BT</b> PIR ENVISIONLS Bluetooth Control	<b>SK-20FT-Y-LC-CB</b> 20' Suspension Kit	<b>CK-6FT-V</b> 6' chain hanging kit
<b>S-AUD-PIR-SL</b> PIR SILVAIR Bluetooth Mesh		

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

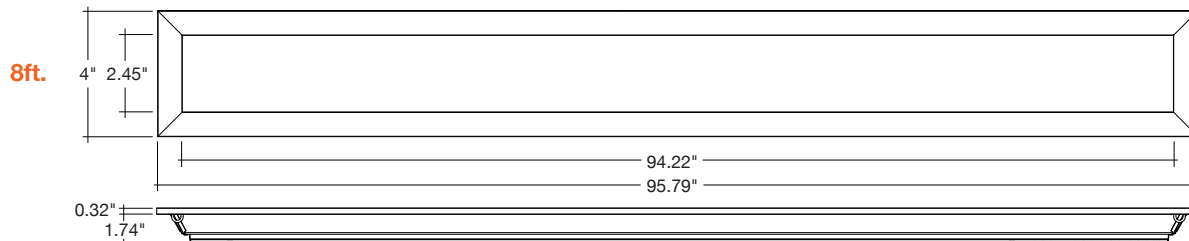
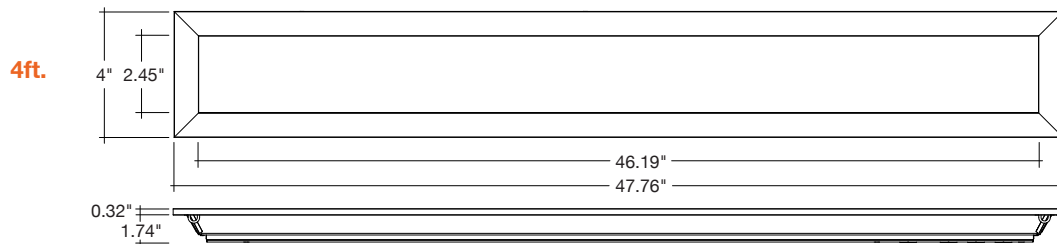
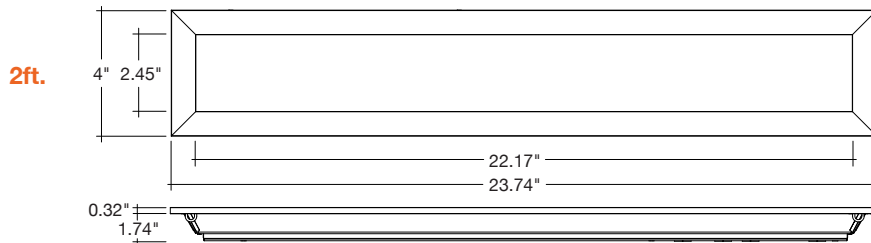
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### FEATURES



### DIMENSIONS



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### 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

# 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> (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 	  SILVAIR App 
<b>Commissioning Process</b>	Individually Set via Remote	Wireless 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 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 Low End Power</b>	Yes but limited (View Remote)	Yes	Yes
<b>Cost</b>	\$	\$\$	\$\$\$
<b>DLC NLC Listed</b>	N/A	Yes	Yes
<b>Energy Monitoring &amp; 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> <b>S-TWC-PIR-BT</b> <b>S-TWC-PIR-SL</b>	Twist-C Control Sensor	Sensor Ready Fixtures: 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> <b>S-TWC-90 + S-TWC-PIR-BT</b> <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> <b>S-AUD-PIR-BT</b> <b>S-AUD-PIR-SL</b>	2.5m Audio Jack	Panels & Troffers	
	<b>S-SN-PIR-1</b> <b>S-SN-PIR-BT</b> <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> <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> <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.