

# Backlit-Line: LED Panel High Bay

## 3-CCT & 3-Power Selectable Sensor Ready



### Detail Specifications:

- Finish: White, Custom finishes available
- IP Rating: Damp Location (IP44)
- 3CCT: 35/40/50K
- 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

### Applications:

- General Indoor Lighting
- Utility & Storage
- Distribution Facility
- Gymnasiums
- Office and Meeting Rooms
- Education, Healthcare, Retail, Hospitality
- Commercial and Industrial

### Product Information:

- Metal housing finished with corrosion free power coat
- Even light distribution
- Select-n-Switch Technology: 3-CCT + 3-Power Selectable
- Control Options:
  - Standard Sensors
  - SILVAIR Bluetooth Mesh
  - ENVISIONLS Bluetooth
  - [Click Here](#) for More Information

### Driver Options:

- UNV: 120-277V 0-10V Dimmable
- Optional 347-480V step down transformer available
- Standard EMB used:
- 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 suspension kit available
- Optional drywall kit available

### Certifications:

- UL Listed for USA and CA
- DLC Premium Listed
  - Pending ETA 02/2026
- Approved for CA T24
- 5 Year Limited Warranty
- FCC CFR 47, GCC Part 15, Subpart B:2017

Series	Emergency	Driver <sup>1</sup>	Whip <sup>2</sup>
LED-BPL-2X2-3P215-CTRI-UNV-SR 215W/170W/150W	(blank) No	(blank) 120-277V	(blank) No Whip
LED-BPL-2X4-3P325-CTRI-UNV-SR 325W/290W/260W	Emergency EMB	HV 347-480V	-6FLX 6' Flex
	Emergency Backup	Stepdown	

1. HV: High voltage is made to order.  
2. Standard model is 5-wire. EMB models will ship with 6-wire.

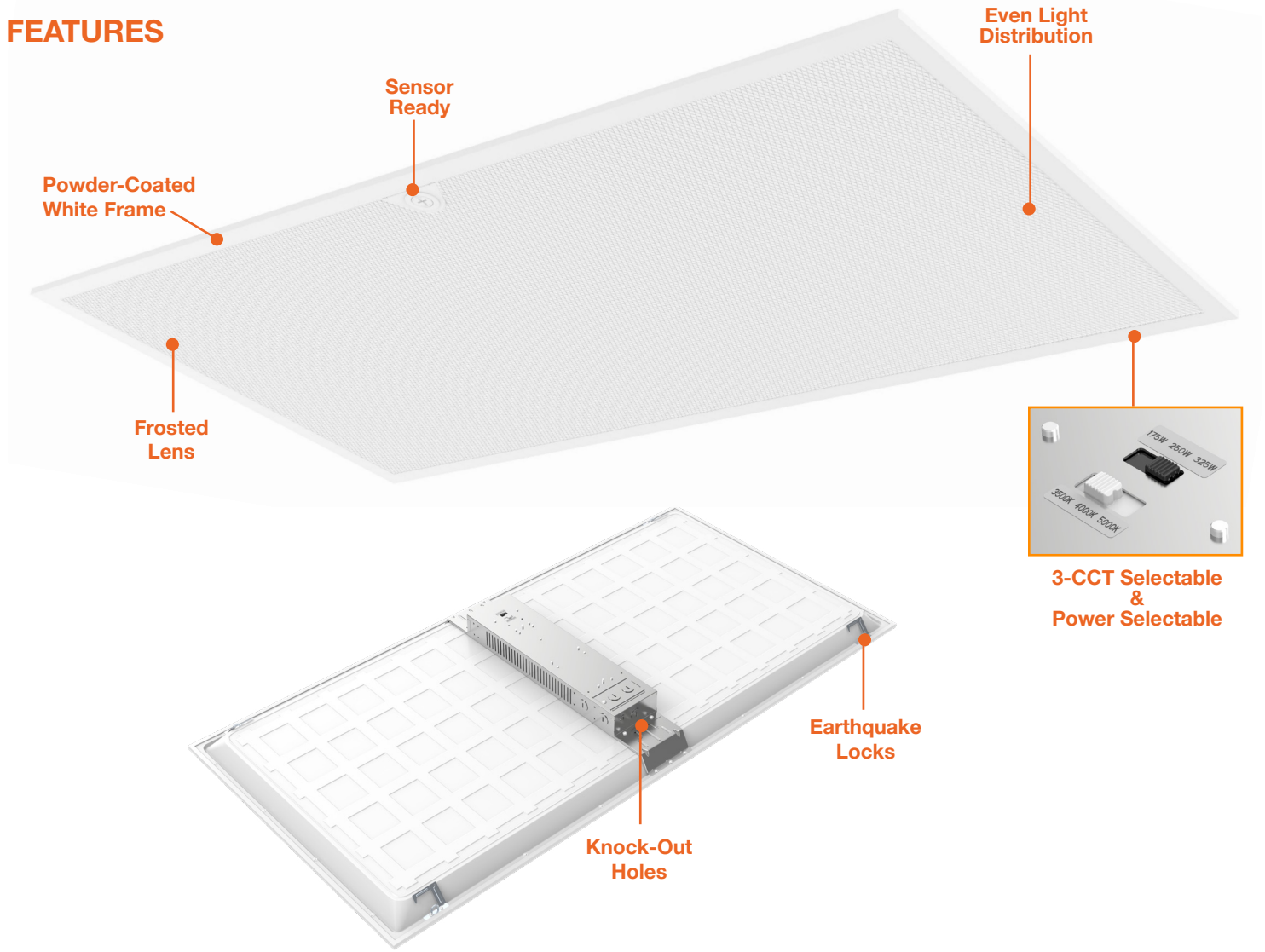
### Optional Accessories (Order Separately)

Sensors	Sensor Remote	Suspension Kits	Drywall Kits	Color Trims
<b>S-TWC-PIR-ON/OFF</b> PIR Sensor On/Off Only 5/10/15min	<b>S-LINE-R</b> Remote for S-Line Sensor	<b>SK-10FT-Y-LC-CB</b> 10' Suspension Kit	<b>LED-PNL-2X2-FLNG</b> <b>LED-PNL-2X4-FLNG</b>	<b>BPL-2X2-TRIM-BL</b> 2x2 Black Trim
<b>S-TWC-PIR-1</b> PIR Bi-Level Motion + Daylight Sensor Remote Req'd	<b>ENVISION CONNECT</b> Bluetooth smart app. Download on Apple or Android app store.	<b>SK-20FT-Y-LC-CB</b> 20' Suspension Kit	<b>CK-6FT-V</b> 6' Chain Hanging Kit	<b>BPL-2X4-TRIM-BL</b> 2x4 Black Trim
<b>S-TWC-PIR-SL</b> PIR SILVAIR Bluetooth Mesh				
<b>S-TWC-PIR-BT</b> PIR ENVISIONLS Bluetooth Control				

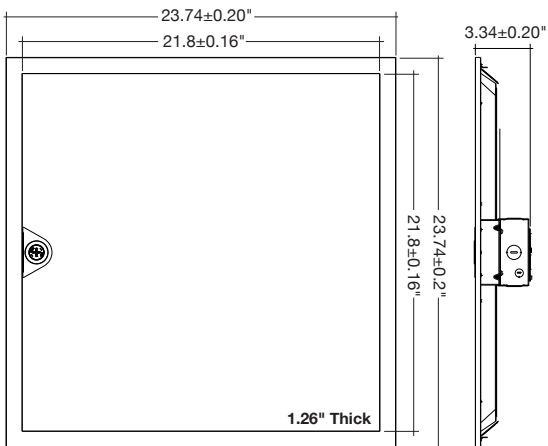
1. Custom height options available. Contact us.

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

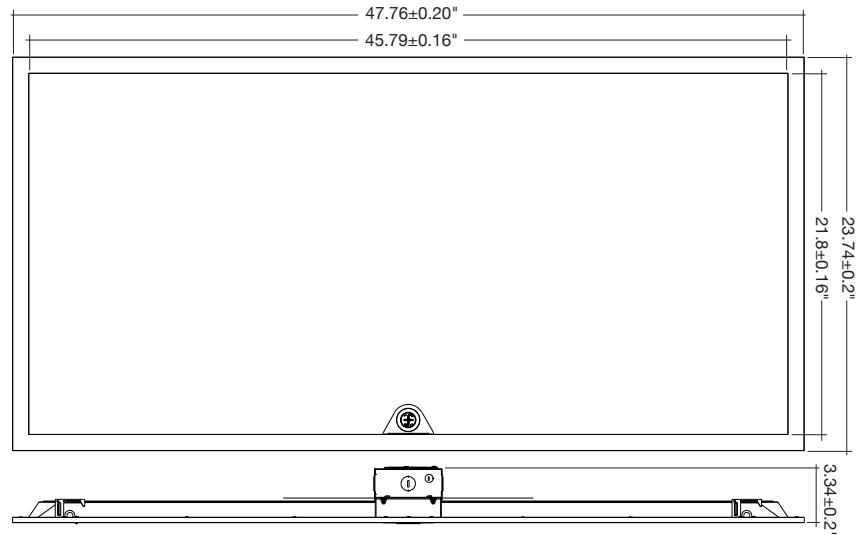
**FEATURES**



**DIMENSIONS**



**2X2**



**2X4**

## ACCESSORIES



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



CK-6FT-V



S-TWC-PIR-ON/OFF



S-TWC-PIR-1  
S-TWC-PIR-SL  
S-TWC-PIR-BT



2x2

2x4



2x2



2x4

Model	Voltage	Watts	Lumens	Color	CRI
LED-BPL-2X2-3P215-CTRI-UNV-SR	120/277V	215/170/150w	160LM/W	35/40/50k	>80
LED-BPL-2X4-3P325-CTRI-UNV-SR	120/277V	325/290/260w	160LM/W	35/40/50k	>80

## SUSPENSION KITS

Accessory	Description
SK-10FT-Y-LC-CB	10' Suspension Kit
SK-20FT-Y-LC-CB	20' Suspension Kit
CK-6FT-V	6' Chain Hanging Kit
LED-PNL-2X4-SK	3.5' Suspension Kit, works for all sizes

## SENSORS

Pre-Installed Accessory Model	Description
S-TWC-PIR-ON/OFF	PIR On/Off Only: Twist-C 5/10/15 Min
S-TWC-PIR-1	PIR Bi-Level + Daylight: Twist-C
S-TWC-PIR-SL	PIR SILVAIR Bluetooth Mesh
S-TWC-PIR-BT	PIR ENVISIONLS Bluetooth Control

## DRYWALL KITS









Accessory	Description
LED-PNL-2X2-FLNG	Flange (Drywall) Kit for Panels for all 2X2 Fixtures
LED-PNL-2X4-FLNG	Flange (Drywall) Kit for Panels for all 2X4 Fixtures

## TRIMS

Accessory	Description
BPL-2X2-TRIM-BL	2x2 LED Panel: Backlit-Line Black Trim
BPL-2X4-TRIM-BL	2x4 LED Panel: Backlit-Line Black Trim

# 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> (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.