

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:

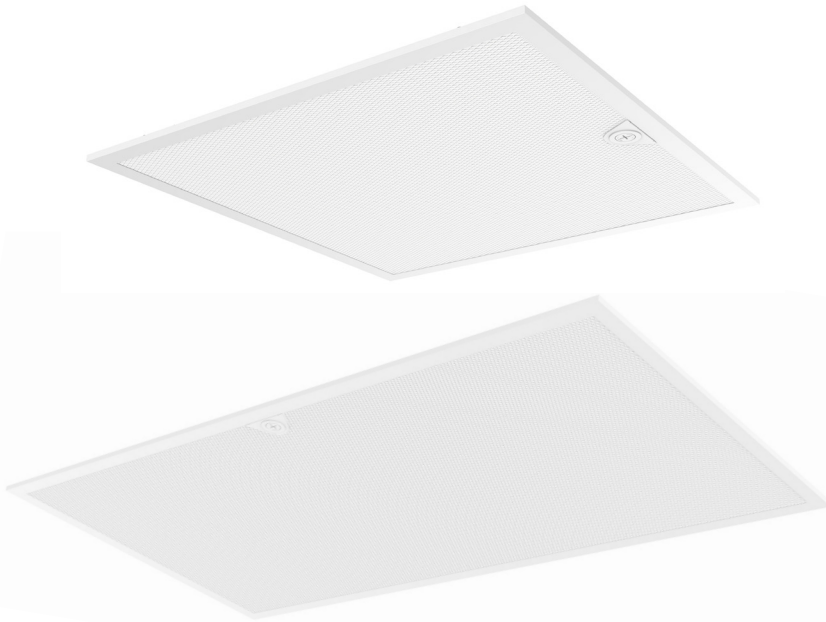
- UNV: 120-277V 0-10V Dimmable
- Optional 347-480V step down transformer available
- Standard EMB used:
- THD: <20% (+/-5% tolerance), PF >0.9, 50/60Hz
- Isolated Driver
- Flicker Free

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



2X2-CTRI		2X4-CTRI	
WATT	LUMENS	WATT	LUMENS
150	19,200	260	41,600
170	26,400	290	46,400
215	34,400	325	52,000

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

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

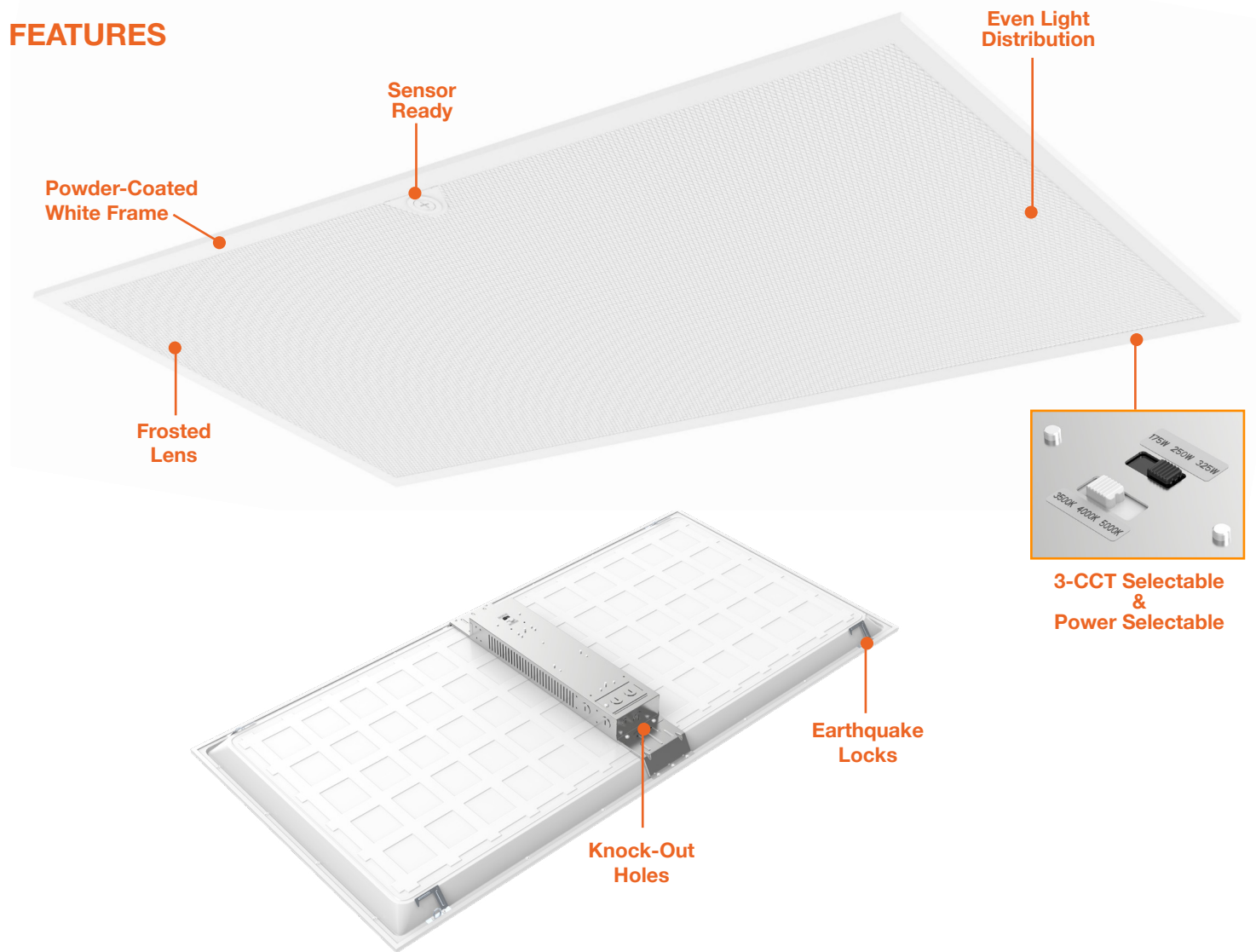
Optional Accessories (Order Separately)

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

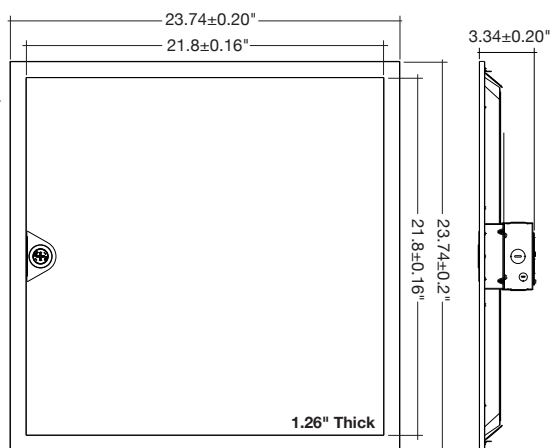
1. Custom height options available. Contact us.

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

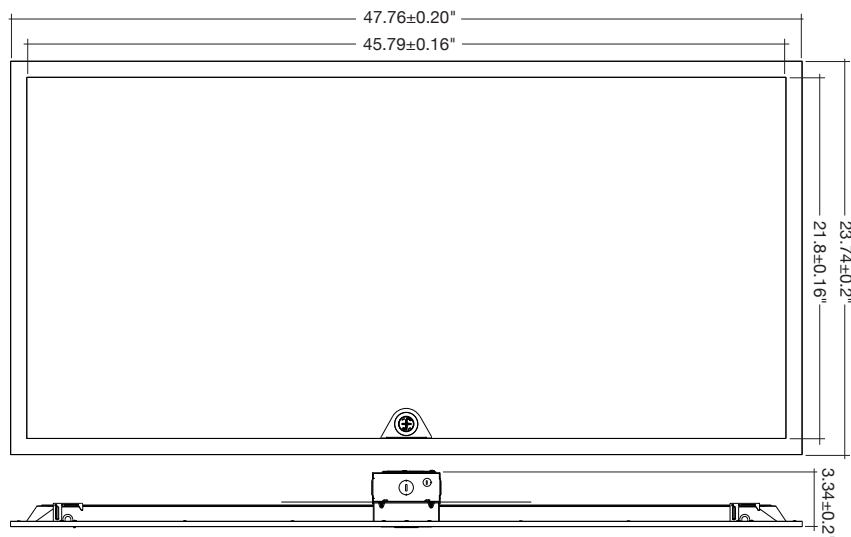
FEATURES



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



2x2



2x4

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 
Description	Standard Plug In Sensors	Basic Bluetooth Wireless Control	Advanced Bluetooth Wireless Control
Recommended Quantity (but not limited to)	N/A	>40-50 Nodes	>50 Nodes
Maximum Zone Quantity	N/A	100	3,000
Commissioning Tool	Remote Only	  ENVISIONLS App 	  SILVAIR App 
Commissioning Process	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.
Floor Plan Upload	N/A	N/A	Yes Add a floor plan and mark luminaires & zones via desktop
Gateway	N/A	N/A	Required only for energy monitoring, advanced scheduling, automated demand response.
Individual Luminaire Control	Yes	Yes	Yes
Luminaire Grouping Zoning	N/A	Yes	Yes
High End Power Low End Power	Yes but limited (View Remote)	Yes	Yes
Cost	\$	\$\$	\$\$\$
DLC NLC Listed	N/A	Yes	Yes
Energy Monitoring & Data Reporting	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
	S-TWC-PIR-1 S-TWC-PIR-BT S-TWC-PIR-SL	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.
	S-TWC-90 + S-TWC-PIR-1 S-TWC-90 + S-TWC-PIR-BT S-TWC-90 + S-TWC-PIR-SL	Twist-C Control Sensor + 90 Degree Arm	Cylinders, Strips, Wall Packs	
	S-AUD-PIR-1 S-AUD-PIR-BT S-AUD-PIR-SL	2.5m Audio Jack	Panels & Troffers	
	S-SN-PIR-1 S-SN-PIR-BT S-SN-PIR-SL	Snap In Sensor	Troffers & Wraps	

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

	MODEL #	DESIGN	VOLTAGE	FEATURES	RECOMMENDED FEATURES
	S-CM-PIR-LV-BT S-CM-PIR-LV-SL	Ceiling Mounted PIR Sensor	12-24V	PIR Sensor, Bi-Level Dimming, Daylight, 360° detection, 12' Max Mounting Height	Connects to 0-10V dimmable fixtures
	S-WM-PIR-CUNV-BT S-WM-PIR-CUNV-SL	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
	S-WS-120V-USB-SL		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
	SGW-102	Wall or Ceiling Mounted	POE	Advanced Energy Monitoring Control	Connects to Silvair Controls. Gateway is not required.