Project: _____ **Part #:** _____

Type: _____

LED Panels: BackLit Line
5-CCT & 5-Power Selectable
Sensor Ready (Sold Seperately)

1X4

2X2

Shown with Optional Sensor

2X4
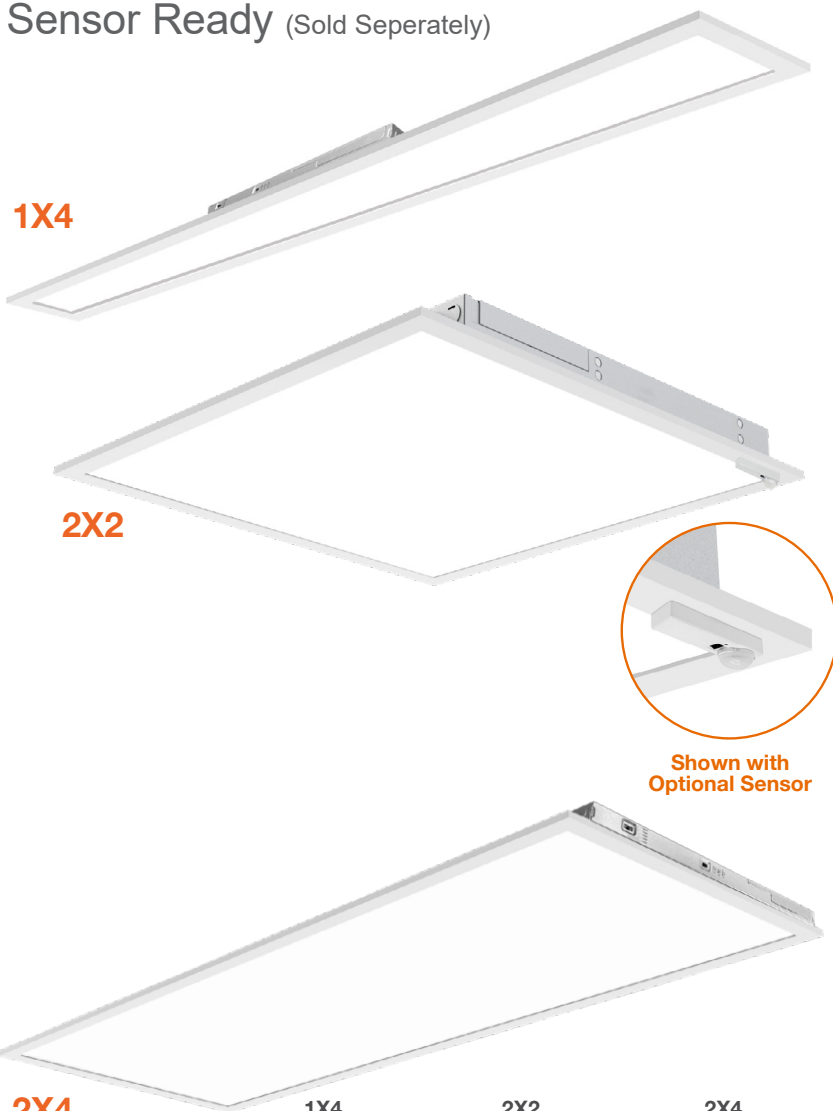
Detail Specifications:
• Finish: White, Custom finishes available
• IP Dating: Damp Location (IP44)
• 5CCT: 30/35/40/50/65K
• Beam Angle: 110°
• Chip: SMD 2835, R9 >50, CRI >80
• Operating Temperature: -40° – 114° F
• Lens: PS (polystyrene) frosted, non-yellowing, & shatter resistant
• Average life (L70) of 50,000 hours

Applications:
• General Indoor Lighting
• Utility & Storage
• Garage Structures
• Office and Meeting Rooms
• Education, Healthcare, Retail, Hospitality
• Commercial and Industrial

Product Information:
• Metal housing finished with corrosion free power coat
• Even light distribution
• Lightweight for easier installation
• Select-n-Switch Technology: 5-CCT + 5-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:
  - 40W: 8W EMB (LED-EMB-8W-HV-0-10V-2P)
  - 50W: 15W EMB (LED-EMB-15W-HV-0-10V-2P)
• Higher wattage emb (up to 25W) available by request. Pricing will vary.
• THD: <15% (+/-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 Premium Listed
  - Pending ETA 06/2025
• Approved for CA T24
• 5 Year Limited Warranty
• FCC CFR 47, GCC Part 15, Subpart B:2017

1X4		2X2		2X4	
WATT	LUMENS	WATT	LUMENS	WATT	LUMENS
12	1,500	12	1,500	20	2,500
17	2,125	17	2,125	25	3,125
22	2,750	22	2,750	30	3,750
27	3,375	27	3,375	40	5,000
32	4,000	32	4,000	50	6,250

Series	Emergency	Driver [1]	Whip
	-	-	-
LED-BPL-1x4-5P32-5CCT-HL-SR 32/27/22/17/12w	**(blank)** No Emergency	**(blank)** 120-277V	**(blank)** No Whip
LED-BPL-2x2-5P32-5CCT-HL-SR 32/27/22/17/12w	**EMB** Emergency Backup	**HV** 347-480V Stepdown	**-6FLX** 6' Flex
LED-BPL-2x4-5P50-5CCT-HL-SR 50/40/30/25/20w			

1. HV: High voltage is made to order.

Optional Accessories (Order Separately)

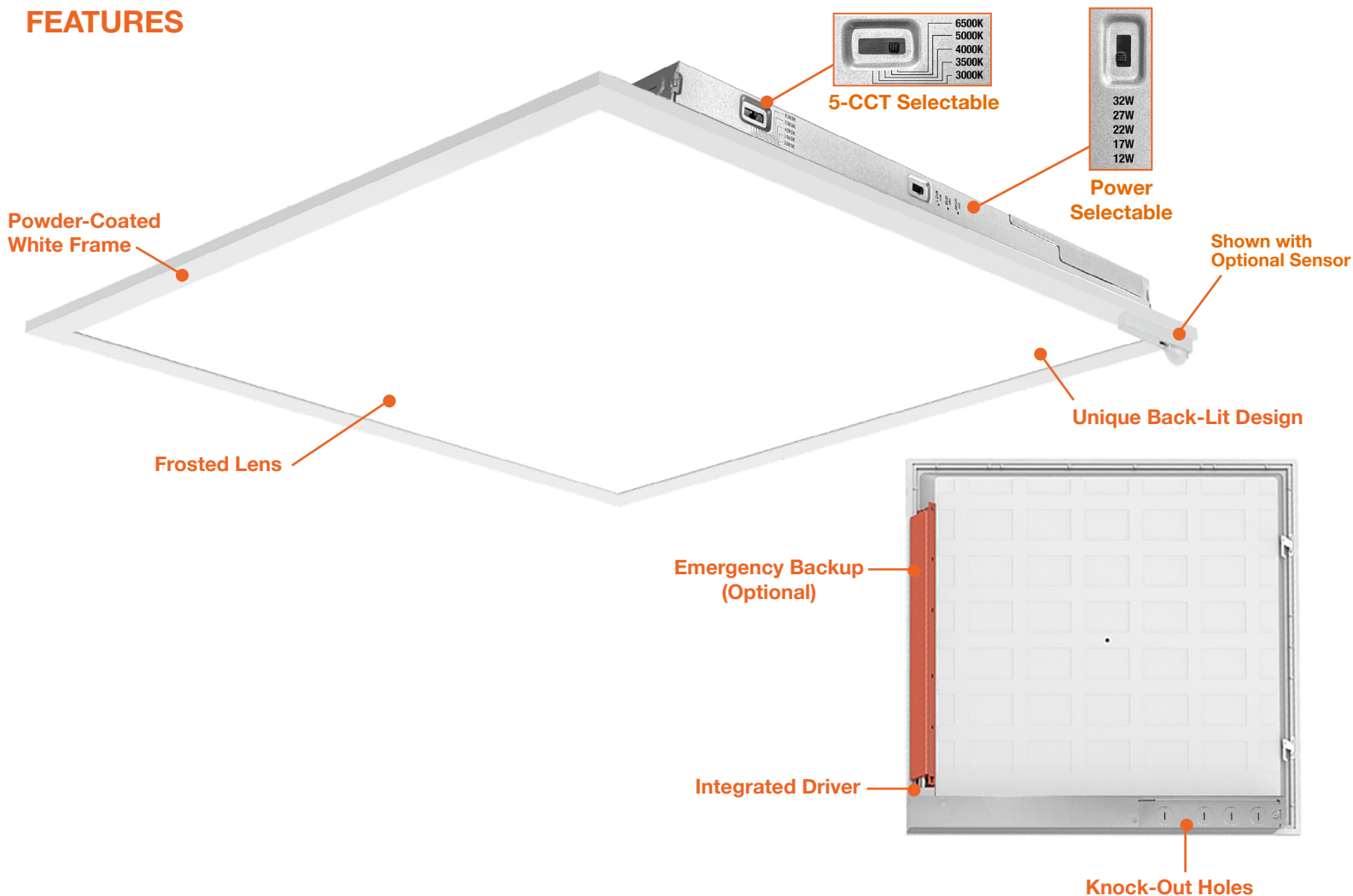| Sensors	Suspension Kits	Surface Mount Kits [1]	Drywall Kits	Color Trims
S-AUD-PIR-1 PIR Bi-Level Motion + Daylight Sensor Remote Required: (S-LINE-R)	**SK-10FT-Y-LC-CB** 10' Suspension Kit	**2X2-SM-3"** 3" Height	**LED-PNL-2X2-FLNG** **LED-PNL-2X4-FLNG**	**BPL-2X2-TRIM-BL** 2x2 Black Trim
	SK-20FT-Y-LC-CB 20' Suspension Kit	**2X4-SM-3"** 3" Height		**BPL-2X4-TRIM-BL** 2x4 Black Trim
S-AUD-PIR-BT PIR ENVISIONLS Bluetooth Control	**CK-6FT-V** 6' Chain Hanging Kit			
S-AUD-PIR-SL PIR SILVAIR Bluetooth Mesh				

1. Custom height options available. Contact us.

Specs and model numbers are subject to change with or without notice. Customization of product is available.
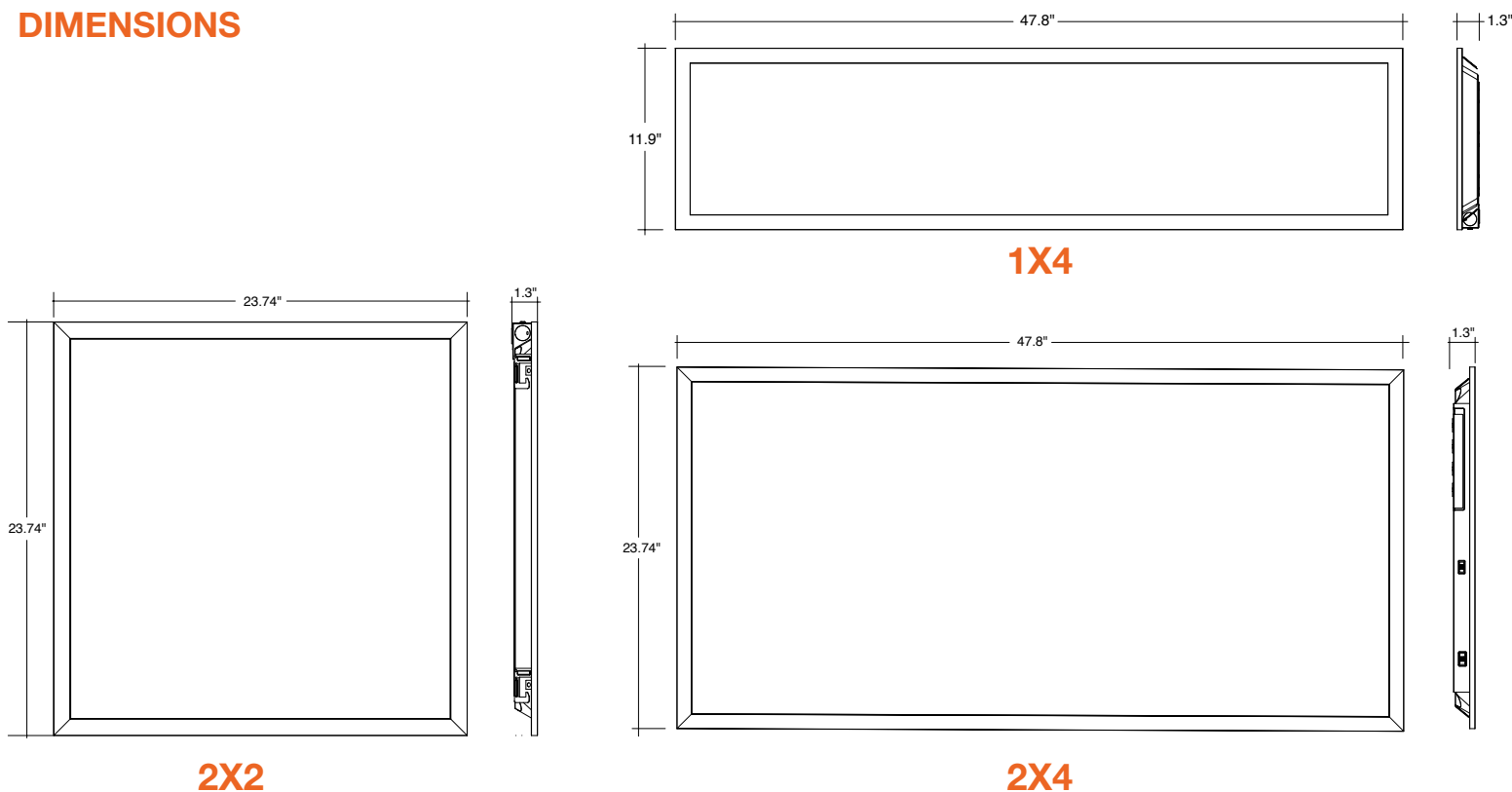
LED Panels: BackLit Line
5-CCT & 3-Power Selectable
Sensor Ready

FEATURES

5-CCT Selectable

6500K
5000K
4000K
3500K
3000K

Power Selectable

32W
27W
22W
17W
12W

Powder-Coated White Frame

Shown with Optional Sensor

Frosted Lens

Unique Back-Lit Design

Emergency Backup (Optional)

Integrated Driver

Knock-Out Holes

DIMENSIONS

1X4

47.8"

11.9"

1.3"

2X2

23.74"

23.74"

1.3"

2X4

47.8"

23.74"

1.3"

ACCESSORIES

Model	Voltage	Watts	Lumens	Color	CRI
LED-BPL-1x4-5P32-5CCT-HL-SR	120/277V	32/27/22/17/12w	4,000/3,375/2,750/2,125/1,500	30/35/40/50/65k	>80
LED-BPL-2x2-5P32-5CCT-HL-SR	120/277V	32/27/22/17/12w	4,000/3,375/2,750/2,125/1,500	30/35/40/50/65k	>80
LED-BPL-2x4-5P50-5CCT-HL-SR	120/277V	50/40/30/25/20w	6,250/5,000/3,750/3,125/2,500	30/35/40/50/65k	>80

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

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
LED-PNL-2X4-SK	3.5' Suspension Kit, works for all sizes

SENSORS

Accessory Model	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

1x4   2x2   2x4

SURFACE MOUNT KITS

Accessory	Description
1X4-SM-3"	1X4 Surface Mount Kit 3" Height for all Panels and Troffers
2X2-SM-3"	2X2 Surface Mount Kit 3" Height for all Panels and Troffers
2X4-SM-3"	2X4 Surface Mount Kit 3" Height for all Panels and Troffers

1x4   2x2   2x4

DRYWALL KITS

| Accessory	Description
LED-PNL-1X4-FLNG	Flange (Drywall) Kit for Panels for all 1X4 Fixtures
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

1x4

2x2

2x4

TRIMS

Accessory	Description
BPL-1X4-TRIM-BL	1x4 LED Panel: Backlit-Line Black Trim
BPL-2X2-TRIM-BL	2x2 LED Panel: Backlit-Line Black Trim
BPL-2X4-TRIM-BL	2x4 LED Panel: Backlit-Line Black Trim
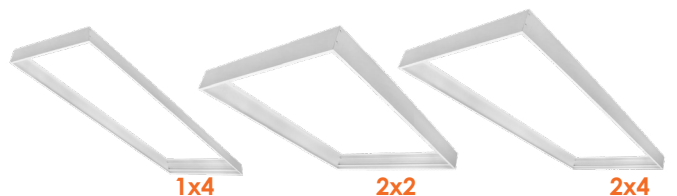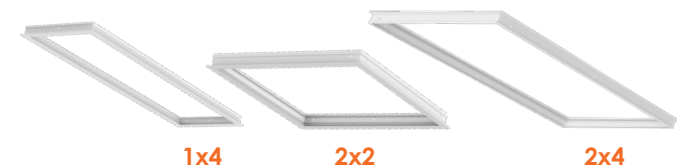
EnVisonLED™ Control Options

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

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.

AREA LIGHTS	BOLLARDS	CANOPIES	CYLINDERS	DOWNLIGHTS	SURFACE LIGHTS
PANELS	STRIPS	TROFFERS	HIGH BAYS (UFO)	HIGH BAYS (LINEAR)	WALL PACKS
FLOOD LIGHTS	VAPOR TIGHTS	WRAPS	ARCHITECTURAL	STAIRWELL	

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.