



project name	type
catalog number	voltage
approved by	date

BP1-CRO CONTROLS READY BACKLIT PANELS

EiKO's BP1-CRO Panels deliver controls-ready flexibility in an ultra-slim, lightweight design. Designed for snap-in oval sensor integration, these panels feature PowerSET and ColorSET technology with 120-347V input. This combination provides distributors with a cost-effective, reduced-SKU stocking solution.



FEATURES AND BENEFITS

PERFORMANCE

- Controls Ready LED panels in 1X4, 2X2, & 2X4 sizes
- PowerSET and ColorSET Technology for simplified SKU management and field customization.
 - PowerSET – 3 Power settings
 - ColorSET – 3 CCT settings (3500K/4000K/5000K)
- Input voltage: 120-347V
- Lumen packages: 2,700-6,750 lumens
- Sturdy construction with white powder coated steel frame and high quality, non-yellowing PMMA diffused lens.
- Backlit LED design distributes light evenly from the fixture delivering consistent, uniform illumination (120° beam angle).
- IC Rated for safe, efficient operation in insulated ceilings.
- Technical performance:
 - CRI >80
 - Efficacy up to 135 LPW
 - Lumen Maintenance 85% (L85) at >50,000 hours
 - THD <20%, Power Factor >0.9
 - Surge Protection: 2kV included
 - Standard 0-10V dimming with Dim-to-Off
- Ambient Operating Temperature: -4°F to 113°F (-20°C to 45°C)

INSTALLATION

- Low profile design is ideal for shallow plenum spaces.
- Standard unit installs into standard T-grid ceilings.
- Multiple mounting options available
 - Aircraft Cable Kit
 - Surface Mounting Kit
 - Recessed Mounting Kit

CUSTOMIZATION

- Factory installed options to meet custom requirements
 - 90 minutes emergency lighting options

APPLICATIONS

- Offices
- Hospitals
- Retail
- Schools
- Dental Offices
- Government Buildings
- Banking Institutions
- Libraries



AVAILABLE MODELS

ORDER CODE	NAME	NOMINAL SIZE	WATTS (W)	COLOR TEMPERATURE (CCT)	LUMEN OUTPUT (lm)	VOLTAGE (VAC)
16295	BP1-14-PS30-8FCCT-HDIM-CRO	1x4	30/25/20W	3500/4000/5000K	4,050/3,375/2,700 lm	120-347V
16296	BP1-22-PS30-8FCCT-HDIM-CRO	2x2	30/25/20W	3500/4000/5000K	4,050/3,375/2,700 lm	120-347V
16297	BP1-24-PS50-8FCCT-HDIM-CRO	2x4	50/40/30W	3500/4000/5000K	6,750/5,400/4,050 lm	120-347V

EiKO Advantage Product

ORDERING GUIDE

MODEL CONFIGURATOR						FACTORY INSTALLED OPTIONS
MODEL	SIZE	WATTS	CCT	VOLTAGE	CONTROLS READY	BATTERY BACK UP
BP1			8FCCT	HDIM	CRO	
BP1	14 - 1X4 22 - 2X2	PS30 - 30W/25W/20W	8FCCT - ColorSET (3500K/4000K/5000K)	HDIM - 120-347V, 0-10V dimming	CRO - Controls Ready socket for oval sensor	Blankj: Default, no battery back-up EB08-M: 8W, External Backup battery 100-347V, Sensor EB18-M: 8W, External Backup battery 100-347V, Sensor
	24 - 2X4	PS50 - 50W/40W/30W				

EXAMPLE PART NUMBER: BP1-22-PS30-8FCCT-HDIM-CRO-EB08



CONTROLS READY

STANDALONE LIGHT & MOTION SENSORS

The SEN-SOSI-PIR-R series oval snap-in sensor is a plug-and-play device that transforms controls-ready panels into smart lighting systems. This PIR occupancy and daylight level sensor features 360-degree detection for applications up to 12 feet and supports 0-10V dimming for daylight harvesting, saving time, cost, and energy.

IP20-rated with a 5-year warranty, the sensor operates from -20°C to 60°C and is compatible with BP1 Controls Ready (CRO) panels



SEN-SOSI-PIR-R

Recommended use:

- Applications with stable operating temperatures
- Direct line of sight and accurate positioning
- Away from direct sunlight or rapidly changing temperature sources like, HVAC vents.

[View spec sheets for complete product information.](#)

ORDER CODE	MODEL	DESCRIPTION	IMAGE
16301	SEN-SOSI-PIR-R	Stand-alone PIR Sensor (RF Remote)	
SEN5A COMMISSIONING TOOL			
13344	SEN5A-ACT	Commissioning Tool for SEN5A	

EiKO Standalone sensors come with default settings below:

- Brightness: 100%
- Sensitivity: 75%
- Hold Time: 10 minutes
- Daylight Function: Disable
- Dim level: 30%
- Dim Time: 1 minute

For custom settings, use SEN5A-ACT Commissioning Tool



CONTROLS READY CONT'D

BLUETOOTH NETWORKED SENSOR

The SEN-WOSI-PIR-A networked sensor features Bluetooth Low Energy connectivity with a range of 100 feet (30 meters) and a maximum mounting height of 12 feet. Compatible with Silvair controls, it is managed through the Silvair app, available on Android, iOS, and web platforms for convenient wireless configuration and monitoring.



SEN-WOSI-PIR-A

View spec sheets for complete product information.

Powered by:
SILVAIR



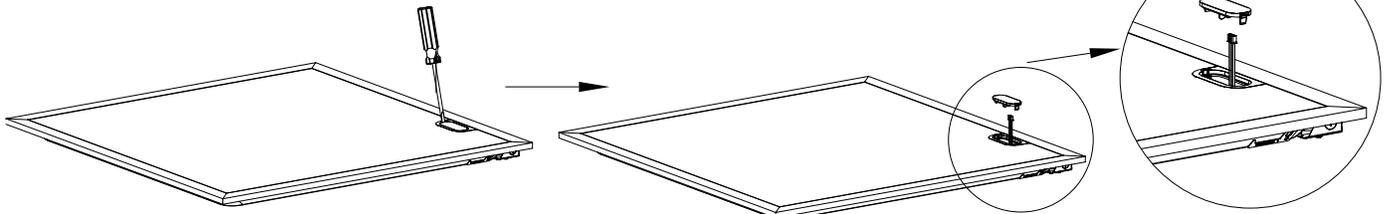
Web App: platform.silvair.com



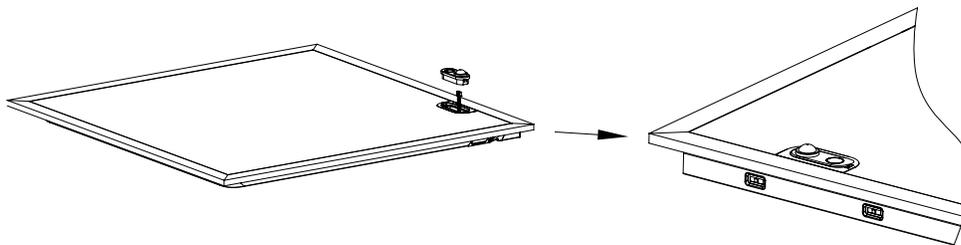
ORDER CODE	MODEL	DESCRIPTION	IMAGE
16302	SEN-WOSI-PIR-A	Bluetooth PIR Sensor (RF Remote)	
SELF-POWERED WIRELESS WALL SWITCHES			
12654	ESRPB-W-EO	Single - Bluetooth self-powered kinetic rocker switch White, Wall plate included	
12655	EDRPB-W-EO	Double - Bluetooth self-powered kinetic rocker switch White, Wall plate included	
WIRELESS 120-277V WALL CONTROLLERS			
12635	PSC-DM-WS-100-BLE-SR	Bluetooth Single Gang Single Button Wall Controller, 120-277V White, Parameters set by Silvair App.	
12636	PSC-DM-I-WS-100-BLE-SR	Bluetooth PIR Occupancy/ Vacancy Sensor, 120-277V, Single Gang Wall Controller, White, Parameters set by Silvair App.	
12637	PSC-DM-WS-400-BLE-SR	Bluetooth 4-Button Wall Controller, 120-277V, Single Gang, White, Parameters set by Silvair App.	

SCREW-IN INSTALLATION WITHOUT ADDITIONAL WIRING

- 1 Remove and discard the plastic cover, taking care not to pull the sensor terminal wire out too far



- 2 Attach the quick connector to the sensor then insert the sensor into the receptacle.



STANDALONE VS NETWORKED CONTROLS

FEATURE	STANDALONE CONTROLS	NETWORKED CONTROLS
Operation	Independent	Zone/Group
Commissioning Method	Remote Control (optional)	App (required)
Daylight Harvesting	✓	✓
Sensitivity Adjustment	✓	✓
Time Delay	✓	✓
Occupancy Sensing	✓	✓
Scheduling	✓	✓
Energy Monitoring		✓
Remote Access		✓
Manual Override		Wireless Wall Controller

ACCESSORIES

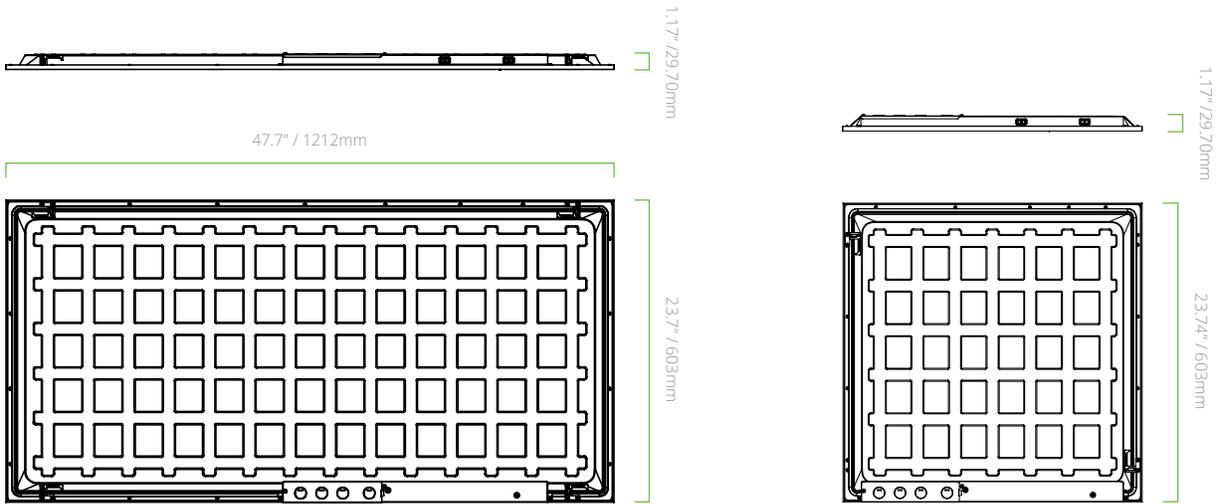
ORDER	ORDER CODE	NAME	DESCRIPTION	IMAGE
	13909	FP1-SMK-14	FP1 Surface Mount Kit For 1x4 Flat Panels and Troffers	
	13908	FP1-SMK-22	FP1 Surface Mount Kit For 2x2 Flat Panels and Troffers	
	13912	FP1-SMK-24	FP1 Surface Mount Kit For 2x4 Flat Panels and Troffers	
	13913	FP1-RMK-14	FP1 Recessed Mount Kit For 1x4 Flat Panels and Troffers	
	13914	FP1-RMK-22	FP1 Recessed Mount Kit For 2x2 Flat Panels and Troffers	
	13915	FP1-RMK-24	FP1 Recessed Mount Kit For 2x4 Flat Panels and Troffers	

BATTERY BACKUPS

ORDER	ORDER CODE	NAME	DESCRIPTION	IMAGES	FACTORY INSTALLED CODE
	11674	EEBE08WHA170S* View spec sheet	EIKO 8W - 120-347V Emergency battery pack. Field install only. Single Flex- Conduit CEC Compliant. See spec sheet for full details.		EB08
	11675	EEBE18WHA170S* View spec sheets	EIKO 18W - 120-347V Emergency battery pack. Field install only. Single Flex- Conduit CEC Compliant. See spec sheet for full details.		EB18
	14982	EEBE-FTB	EEBE flat test button and indicator for Panel light and downlight.		--

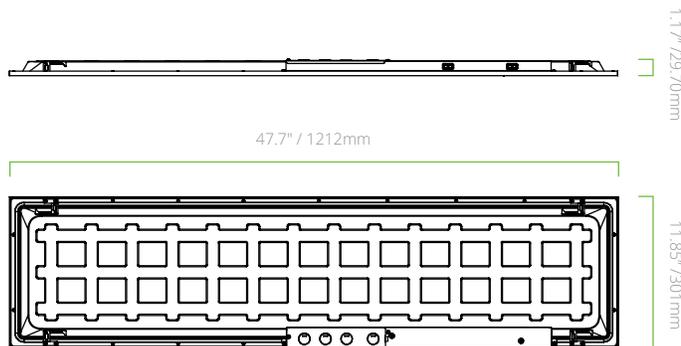
* **WARNING:** When using these AC version battery backups with any control solution, internal rewiring is required according to the installation sheet's wiring diagram. Failure to do so may result in a violation of safety codes.

PRODUCT DIMENSIONS



2X4 MODELS

2X2 MODELS



1X4 MODELS