



project name	type
catalog number	voltage
approved by	date

## BP1 BP1 SERIES: BACKLIT PANELS

EiKO's BP1 Panels deliver precision light uniformity in an ultra-slim, lightweight form factor. Standard PowerSET and ColorSET technology with wide 120-347VAC input provides distributors and contractors unmatched flexibility for virtually any commercial installation, while high efficacy operation ensures visual comfort and maximum energy efficiency.



### FEATURES AND BENEFITS

#### PERFORMANCE

- Field-selectable power and CCT for simplified SKU management and field customization.
  - PowerSET – 3 Power settings
  - ColorSET – 3 CCT settings (3000K/4000K/5000K)
- Input Voltage: 120-347V
- Lumen packages: 2,500 – 6,250 lumens
- Available in 1X4, 2X2, and 2X4 sizes..
- 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 125 LPW
  - Lumen Maintenance 70% (L70) at > 100,000Hrs
  - THD <20%, Power Factor >0.9
  - Surge Protection: 2kV included
  - Standard 0-10V dimming with Dim-to-Off
- 4°F to 113°F (-20°C to 45°C) ambient operating temperature.
- All products are DesignLights Consortium® (DLC) Premium listed.

#### 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
  - Integrated Emergency lighting options
  - Custom cord length - indent once

### APPLICATIONS

- Offices
- Hospitals
- Retail
- Schools
- Medical Offices
- Dental Offices
- Commercial Buildings
- Banking Institutions
- Libraries
- Community Centers

### DLC LISTING INFORMATION

ORDER CODE	NAME	DLC PRODUCT ID	DLC CLASSIFICATION	DLC PRIMARY USE
13179	BP1-14PS30P-FCCT-H	S-YBLQGV	Premium	1X4 Luminaires for Ambient Lighting of Interior Commercial Spaces
13180	BP1-22PS30P-FCCT-H	S-JTY4O8	Premium	2X2 Luminaires for Ambient Lighting of Interior Commercial Spaces
13181	BP1-24PS50P-FCCT-H	S-JFYTHL	Premium	2x4 Luminaires for Ambient Lighting of Interior Commercial Spaces
		S-TKFTDT	Premium	Low-Bay Luminaires for Commercial and Industrial Buildings

AVAILABLE MODELS

ORDER CODE	NAME	NOMINAL SIZE	WATTS (W)	COLOR TEMPERATURE (CCT)	LUMEN OUTPUT (lm)	VOLTAGE (VAC)
13179	BP1-14PS30P-FCCT-H	1x4	30/25/20W	3500/4000/5000K	3,750/3,125/2,500 lm	120-347V
13180	BP1-22PS30P-FCCT-H	2x2	30/25/20W	3500/4000/5000K	3,750/3,125/2,500 lm	120-347V
13181	BP1-24PS50P-FCCT-H	2x4	50/40/30W	3500/4000/5000K	6,250/5,000/3,750 lm	120-347V

\*EiKO Advantage Product  
\*All fixtures ship at the highest wattage setting and at 4000K CCT

ORDERING GUIDE

MODEL CONFIGURATOR						FACTORY INSTALLED OPTIONS	
MODEL	SIZE	WATTS	DLC CLASSIFICATION	CCT	VOLTAGE	CUSTOM CORD LENGTH	BATTERY BACK UP
BP1			P	FCCT	H		
BP1	14 - 1X4 22 - 2X2	PS - PowerSET PS30 - 30W/25W/20W	P - Premium	FCCT - ColorSET (3500K/4000K/5000K)	H - 120-347V	[Blank] - Default, no length A1xx: 300V 18/3 armored cable, XX to specify length up to 99' A2xx: 600V 18/3 armored cable, XX to specify length up to 99' W3xx: 600V 18/6 white service cord with dimming wires and a 24/7 hot wire for battery backup  Custom length required (in feet)	Blank: Default, no battery back-up EB08*: 8W, External Backup battery 100-347V EB18*: 18W, External Backup battery 100-347V
	24 - 2X4	PS50 - 50W/40W/30W					

\*Batteries are wired, not secured to the fixture. EEBE-FTB flat test button & indicator are included with the factory battery install modification

EXAMPLE PART NUMBER: BP1-24PS50P-FCCT-H-EB08

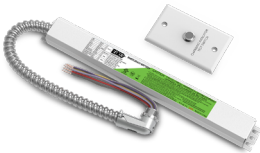
FLUORESCENT REPLACEMENTS GUIDE

FLUORESCENT	WATTS (W)	LUMEN OUTPUT (lm)	INPUT VOLTAGE (VAC)	MODEL
2 x 32W 4ft T8	30/25/20W	3,750/3,125/2,500 lm	120-347VAC	BP1-14PS30P-FCCT-H
2 x 17W 2ft T8	30/25/20W	3,750/3,125/2,500 lm	120-347VAC	BP1-22PS30P-FCCT-H
4 x 32W 4ft T8	50/40/30W	6,250/5,000/3,750 lm	120-347VAC	BP1-24PS50P-FCCT-H

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* <a href="#">View spec sheet</a>	<b>EIKO 8W</b> - 120-347V Emergency battery pack. Field install only. Single Flex- Conduit CEC Compliant. See spec sheet for full details.		EB08
	11675	EEBE18WHA170S* <a href="#">View spec sheets</a>	<b>EIKO 18W</b> - 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.