



BP1 Backlit Flat Panel

HIGHLIGHTS

- Low profile design is ideal for shallow plenum spaces
- Backlit design provides direct light and does not require a light guide plate
- The use of a high-quality, non-yellowing PMMA diffuse lens ensures optimal light uniformity
- Lightweight design makes it easier and faster to install
- Available in 1'x4', 2'x2' and 2'x4' sizes
- Compatible with networked lighting controls (-12 Models)
- PowerSet feature allows for multiple lumen stops out of the box
- FieldCCeT features provides multiple color temperature settings in one fixture

CERTIFICATIONS

- ETL listed for US & Canada
- RoHS Compliant
- FCC Compliant
- ICES-005 Compliant
- IC Rated for insulation contact
- Damp Location rated
- DesignLights Consortium® Qualified - meets DLC requirements for efficacy and lumen maintenance
- DesignLights Consortium® Premium Qualified - meets the requirements for the highest DLC qualification for efficacy and lumen maintenance

PERFORMANCE

- High efficacy, up to 125 lm/W
- Available in fixed wattage models: 30W and 40W and PowerSet models: power-selectable 30/25/20W, 40/30/25W or 50/40/30W
- Available in single CCT models: 4000K and FieldCCeT models: field-selectable CCT 35/40/5000K
- CRI: >80
- Beam Angle: 120°
- Estimated L70: 100,000 Hours

ELECTRICAL

- Input voltage: 120-277V or 120-347V
- 0-10V dimming, dim-to-off
- Surge Protection: 2 kV
- Power Factor: >0.9
- THD: <20%

THERMAL

- -4°F to 113°F (-20°C to 45°C) ambient operating temperature

CONSTRUCTION

- White powder coated aluminum frame
- Non-yellowing PMMA diffuse lens

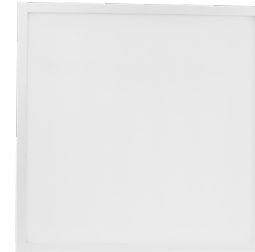
WARRANTY

- 5-Year limited warranty available [online](#). Contact your EiKO sales rep for additional details.

project name	type
catalog number	voltage
approved by	date



1X4



2X2



2X4



APPLICATIONS

- Office
- Hospitals
- Retail
- Schools
- General Purpose lighting

KEY FEATURES

IMPROVED BACKLIT DESIGN

Backlit design uses an LED arrangement across the entire panel enabling direct lighting that does not require the dispersal of light via a light guide plate. This allows for more efficient lighting and an overall construction that is extremely lightweight, while resisting bowing when hung.

EXTENDED JUNCTION BOX

Four knockouts and a 6" junction box allows for easy access and quick installations.

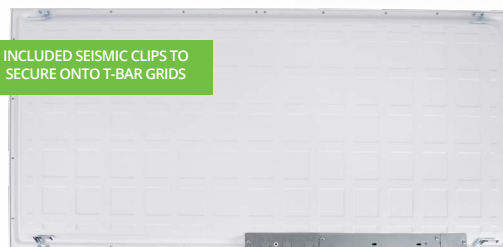
INCLUDED SEISMIC CLIPS

With the integrated seismic clips, easily install and secure flat panels onto T-bar grids.

BACKLIT DESIGN FOR MORE EFFICIENT LIGHTING AND AN EXTREMELY LIGHTWEIGHT CONSTRUCTION



INCLUDED SEISMIC CLIPS TO SECURE ONTO T-BAR GRIDS



A LARGER, 6" JUNCTION BOX WITH FOUR KNOCKOUTS MAKES IT EASY TO WIRE AND INSTALL

AVAILABLE MODELS

ORDER	ORDER CODE	ITEM #	SIZE	WATTS*	CCT**	LUMENS	EFFICACY (lm/W)	VOLTAGE	TRADITIONAL WATTAGE EQUIVALENT	DLC ID#	
										STANDARD	PREMIUM
1x4											
	13174	BP1-14PS40S-40-H	1x4	40/30/25W	4000K	4400/3300/2750 lm	110 lm/W	120-347V	2 x 32W 4ft T8	S-HOE8P9	
	13179	BP1-14PS30P-FCCT-H	1x4	30/25/20W	35/40/5000K	3750/3125/2500 lm	125 lm/W	120-347V	2 x 32W 4ft T8		S-YBLQGV
	14642	BP1-14PS30P-FCCT-H-12	1x4	30/25/20W	35/40/5000K	3750/3125/2500 lm	125 lm/W	120-347V	2 x 32W 4ft T8		S-YBLQGV
	14356	BP1-14PS30P-FCCT-H-CR	1x4	30/25/20W	35/40/5000K	3750/3125/2500 lm	125 lm/W	120-347V	2 x 32W 4ft T8		S-YBLQGV
2x2											
	13169	BP1-2230S-40-U	2x2	30W	4000K	3300 lm	110 lm/W	120-277V	2 x 17W 2ft T8	S-MAG6DQ	
	13172	BP1-22PS30P-40-U	2x2	30/25/20W	4000K	3750/3125/2500 lm	125 lm/W	120-277V	2 x 17W 2ft T8		S-PNDBU5
	13180	BP1-22PS30P-FCCT-H	2x2	30/25/20W	35/40/5000K	3750/3125/2500 lm	125 lm/W	120-347V	2 x 17W 2ft T8		S-JTY408
	14644	BP1-22PS30P-FCCT-H-12	2x2	30/25/20W	35/40/5000K	3750/3125/2500 lm	125 lm/W	120-347V	2 x 17W 2ft T8		S-JTY408
	13175	BP1-22PS40S-40-H	2x2	40/30/25W	4000K	4400/3300/2750 lm	110 lm/W	120-347V	2 x 17W 2ft T8	S-ZKG731	
	14360	BP1-22PS30P-FCCT-H-CR	2x2	30/25/20W	35/40/5000K	3750/3125/2500 lm	125 lm/W	120-347V	2 x 17W 2ft T8		S-JTY408
2x4											
	13170	BP1-2430S-40-U	2x4	30W	4000K	3300 lm	110 lm/W	120-277V	4 x 32W 4ft T8	S-2ZDV4T	
	13173	BP1-24PS30P-40-U	2x4	30/25/20W	4000K	3750/3125/2500 lm	125 lm/W	120-277V	4 x 32W 4ft T8		S-OD6MLY
	13176	BP1-24PS40S-40-H	2x4	40/30/25W	4000K	4400/3300/2750 lm	110 lm/W	120-347V	4 x 32W 4ft T8	S-4EU69J	
	13177	BP1-24PS40P-40-H	2x4	40/30/25W	4000K	5000/3750/3125 lm	125 lm/W	120-347V	4 x 32W 4ft T8		S-RXBM7P
	13171	BP1-2440S-40-U	2x4	40W	4000K	4400 lm	110 lm/W	120-277V	4 x 32W 4ft T8	S-RBC2AG	
	13178	BP1-24PS50S-FCCT-U	2x4	50/40/30W	35/40/5000K	5500/4400/3300 lm	110 lm/W	120-277V	4 x 32W 4ft T8	S-1KC6XZ	
	13181	BP1-24PS50P-FCCT-H	2x4	50/40/30W	35/40/5000K	6250/5000/3750 lm	125 lm/W	120-347V	4 x 32W 4ft T8		S-JFYTHL
	14643	BP1-24PS50P-FCCT-H-12	2x4	50/40/30W	35/40/5000K	6250/5000/3750 lm	125 lm/W	120-347V	4 x 32W 4ft T8		S-JFYTHL
	14361	BP1-24PS50P-FCCT-H-CR	2x4	50/40/30W	35/40/5000K	6250/5000/3750 lm	125 lm/W	120-347V	4 x 32W 4ft T8		S-JFYTHL

* All power-selectable fixtures ship at the highest wattage setting

** All CCT-selectable fixtures ship at 4000K

FACTORY INSTALLED OPTIONS

CUSTOM CORD LENGTH	BATTERY BACKUP	CONTROLS
<p>[Blank]: Default no cord</p> <p>A1xx: 300V 18/3 armored cable, XX to specify length up to 99'</p> <p>A2xx: 600V 18/3 armored cable, XX to specify length up to 99'</p> <p>W3xx: 600V 18/6 white service cord with dimming wires and a 24/7 hot wire for battery backup</p> <p>Custom length required (in feet)</p>	<p>[Blank]: Default, no battery back-up</p> <p>EB08*: 8W, External Backup battery 100-347V</p> <p>EB18*: 18W, External Backup battery 100-347V</p>	<p>[Blank]: Default, no no control</p> <p>M21: Snap-in fixture controller, no sensing</p> <p>M14: Stand-alone PIR Motion Sensor, 8-12ft change M21</p> <p>M21: Bluetooth NLC PIR Motion sensor, 8-12ft</p> <p>Note: M14 is suitable exclusively for -CR fixtures, while M21 is suitable -CR fixtures while using for -12 fixtures as a wireless controller, no sensing.</p>

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

MODEL CONFIGURATOR							FACTORY INSTALLED OPTIONS									
MODEL	-	SIZE	WATTS	DLC	-	CCT	-	VOLTAGE	-	AUX POWER	-	CORD LENGTH	-	BATTERY BACKUP	-	CONTROLS
BP1	-				-		-		-		-		-		-	

EXAMPLE PART NUMBER: BP1-24PS50P-FCCT-H-CR-EB08-M21

REFER TO FOLLOWING SECTIONS FOR DETAILS ON FACTORY INSTALLED OPTIONS & AVAILABLE FIELD INSTALLED OPTIONS

ACCESSORIES

ORDER	ORDER CODE	ITEM #	DESCRIPTION	IMAGE
MOUNTING ACCESSORIES				
	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	ITEM #	DESCRIPTION	FACTORY INSTALLED CODE
	11674	EEBE08WHA170S*	EiKO Emergency Battery External 8W 120-347V 170VDC Single Flex-Conduit CEC Compliant Factory or field install. See spec sheet for full details.	EB08
	11675	EEBE18WHA170S*	EiKO Emergency Battery External 18W 100-347V 170VDC Single Flex-Conduit CEC Compliant. Factory or field install. 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.

CONTROLS & SENSORS: FIELD OR FACTORY INSTALLED

ORDER	ORDER CODE	ITEM #	DESCRIPTION	FACTORY INSTALLED CODE
STANDALONE CONTROLS				
PIR SENSORS				
	13697	SENA-SHPR	Stand-alone PIR Motion Sensor, 12-24V, 1/2" Button Snap-in, 0-10V, Daylight Harvesting, 8-12ft, Parameters set by SENA-ACT.	M14
REMOTES FOR COMMISSIONING STANDALONE CONTROLS				
	13344	SENA-ACT	Commissioning Tool for SEN5A, BAY-E-SEN/PIR, BAY-E-SEN/M, and MS2-DPX-3 (Backward compatible with SEN5A/CT and RC-100)	---
NETWORKED LIGHTING CONTROLS (NLC)				
SENSOR AND CONTROLLER				
	12634	PSC-WCM-450-BLE-SR	BLE TruBlu Wireless Control Module, 120-277V 16A Relay, 0-10V, 12V AUX 300mA, 100ft, Parameters set by Silvoir App	---
	13245	SENA-WHPA*	BLE PIR Motion sensor, 12-24V, 1/2" Button Snap-in, 0-10V, Daylight Harvesting, 8-12ft, Parameters set by Silvoir App. Note: To be used only with 14642, 14643, or 14644. When this snap-in sensor is installed on the fixture the motion sensor will need to be disabled via Silvoir App as the sensor will be located on the back of the fixture. This device acts only as a fixture controller without sensor.	M21
	13359	SENA-WCPA	BLE PIR Motion sensor, 12-24V, Ceiling Mount, 0-10V, Daylight Harvesting, 12ft, OD3.3" WhiteTrim (ID2.7"), Parameters set by Silvoir App. Note: Requires a power supply of 12-24VDC from the PSC-WCM-450-BLE-SR for proper operation.	---
WALL OR WIRELESS CONTROLLERS				
	12635	PSC-DM-WS-100-BLE-SR	BLE TruBlu 120-277V, Single Gang Single Button Wall Controller, White, Parameters set by Silvoir App.	---
	12636	PSC-DM-I-WS-100-BLE-SR	BLE TruBlu PIR Occupancy/ Vacancy Sensor, 120-277V, Single Gang Wall Controller, White, Parameters set by Silvoir App.	---
	12637	PSC-DM-WS-400-BLE-SR	BLE TruBlu 4-Button Wall Controller, 120-277V, Single Gang, White, Parameters set by Silvoir App.	---
	12654	ESRPB-W-EO	BLE Easyfit by EnOcean wireless self-powered kinetic Single rocker pad, white, wall plate included.	---
	12655	EDRPB-W-EO	BLE Easyfit by EnOcean wireless self-powered kinetic Double rocker pad, white, wall plate included.	---

* Works only with "-12" models as controller, no sensing.

Note: M14 is suitable exclusively for -CR fixtures, while M21 is suitable -CR fixtures while using for -12 fixtures as a wireless controller, no sensing.

PRODUCT DIMENSIONS

