



## 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
- 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
- Plenum rated
- 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

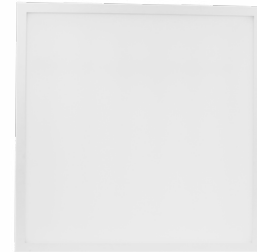
### WARRANTY

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

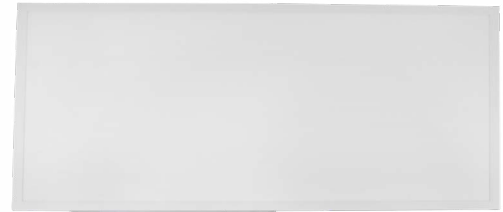
|                |         |
|----------------|---------|
| project name   | type    |
| catalog number | voltage |
| approved by    | date    |



1 X 4



2 X 2



2 X 4



### 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.

### CONTROL READY

CR versions are control-ready fixtures, allowing us to add plug-and-play sensors in seconds.



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  | 40/30/25 | 4000       | 4400/3300/2750 | 110             | 120-347 | 2 x 32W 4ft T8                 | S-HOE8P9 |                      |
|       | 13179      | BP1-14PS30P-FCCT-H    | 1x4  | 30/25/20 | 35/40/5000 | 3750/3125/2500 | 125             | 120-347 | 2 x 32W 4ft T8                 |          | S-YBLQGV             |
| 2x2   |            |                       |      |          |            |                |                 |         |                                |          |                      |
|       | 13169      | BP1-2230S-40-U        | 2x2  | 30       | 4000       | 3300           | 110             | 120-277 | 2 x 17W 2ft T8                 | S-MAG6DQ |                      |
|       | 13172      | BP1-22PS30P-40-U      | 2x2  | 30/25/20 | 4000       | 3750/3125/2500 | 125             | 120-277 | 2 x 17W 2ft T8                 |          | S-PNDBU5             |
|       | 13180      | BP1-22PS30P-FCCT-H    | 2x2  | 30/25/20 | 35/40/5000 | 3750/3125/2500 | 125             | 120-347 | 2 x 17W 2ft T8                 |          | S-JTY408             |
|       | 14360      | BP1-22PS30P-FCCT-H-CR | 2x2  | 30/25/20 | 35/40/5000 | 3750/3125/2500 | 125             | 120-347 | 2 x 17W 2ft T8                 |          | S-JTY408             |
|       | 13175      | BP1-22PS40S-40-H      | 2x2  | 40/30/25 | 4000       | 4400/3300/2750 | 110             | 120-347 | 2 x 17W 2ft T8                 | S-ZKG731 |                      |
| 2x4   |            |                       |      |          |            |                |                 |         |                                |          |                      |
|       | 13170      | BP1-2430S-40-U        | 2x4  | 30       | 4000       | 3300           | 110             | 120-277 | 4 x 32W 4ft T8                 | S-2ZDV4T |                      |
|       | 13173      | BP1-24PS30P-40-U      | 2x4  | 30/25/20 | 4000       | 3750/3125/2500 | 125             | 120-277 | 4 x 32W 4ft T8                 |          | S-OD6MLY             |
|       | 13176      | BP1-24PS40S-40-H      | 2x4  | 40/30/25 | 4000       | 4400/3300/2750 | 110             | 120-347 | 4 x 32W 4ft T8                 | S-4EU69J |                      |
|       | 13177      | BP1-24PS40P-40-H      | 2x4  | 40/30/25 | 4000       | 5000/3750/3125 | 125             | 120-347 | 4 x 32W 4ft T8                 |          | S-RXBM7P             |
|       | 13171      | BP1-2440S-40-U        | 2x4  | 40       | 4000       | 4400           | 110             | 120-277 | 4 x 32W 4ft T8                 | S-RBC2AG |                      |
|       | 13178      | BP1-24PS50S-FCCT-U    | 2x4  | 50/40/30 | 35/40/5000 | 5500/4400/3300 | 110             | 120-277 | 4 x 32W 4ft T8                 | S-ICK6XZ |                      |
|       | 13181      | BP1-24PS50P-FCCT-H    | 2x4  | 50/40/30 | 35/40/5000 | 6250/5000/3750 | 125             | 120-347 | 4 x 32W 4ft T8                 |          | S-JFYTHL<br>S-TKFTDT |
|       | 14361      | BP1-24PS50P-FCCT-H-CR | 2x4  | 50/40/30 | 35/40/5000 | 6250/5000/3750 | 125             | 120-347 | 4 x 32W 4ft T8                 |          | S-JFYTHL<br>S-TKFTDT |

\* 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><b>[Blank]:</b> Default no cord</p> <p><b>A1xx:</b> 300V 18/3 armored cable, XX to specify length up to 99'</p> <p><b>A2xx:</b> 600V 18/3 armored cable, XX to specify length up to 99'</p> <p><b>W3xx:</b> 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><b>[Blank]:</b> Default, no battery back-up</p> <p><b>EB08*:</b> 8W, External Backup battery 100-347V</p> <p><b>EB18*:</b> 18W, External Backup battery 100-347V</p> | <p><b>[Blank]:</b> Default, no no control</p> <p><b>M14:</b> Stand-alone PIR Motion Sensor, 8-12ft change M21</p> <p><b>M21:</b> Bluetooth NLC PIR Motion sensor, 8-12ft</p> |

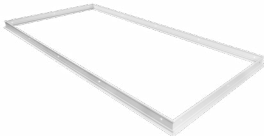
\*Batteries are wired, not secured to the fixture. EEBE-FTB flat test button & indicator are included with the factory battery install modification.

| MODEL CONFIGURATOR |   |                                                 |                                                                          |                                     |   |                                                                 |   |                              |   | FACTORY INSTALLED OPTIONS |   |             |   |                |   |          |
|--------------------|---|-------------------------------------------------|--------------------------------------------------------------------------|-------------------------------------|---|-----------------------------------------------------------------|---|------------------------------|---|---------------------------|---|-------------|---|----------------|---|----------|
| MODEL              | - | SIZE                                            | WATTS                                                                    | DLC                                 | - | CCT                                                             | - | VOLTAGE                      | - | AUX POWER                 | - | CORD LENGTH | - | BATTERY BACKUP | - | CONTROLS |
| BP1                | - | 14 = 1' by 4'<br>22 = 2' by 2'<br>24 = 2' by 4' | PS = Power Selectable<br>30 = 30 Watts<br>40 = 40 Watts<br>50 = 50 Watts | P = DLC Premium<br>S = DLC Standard | - | FCCT = Color Temperature Selectable<br>40 = 4000K<br>50 = 5000K | - | U = 120-277V<br>H = 120-347V | - | CR = Control Ready        | - |             | - |                | - |          |

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

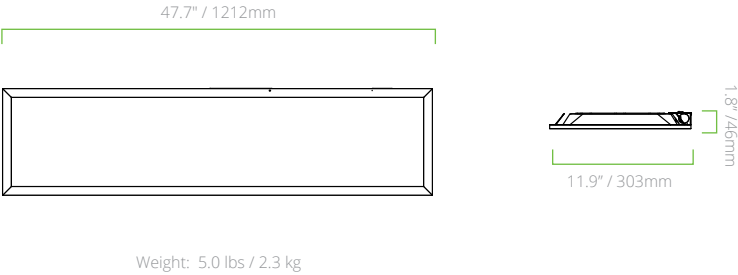
| ORDER | ORDER CODE | ITEM #         | DESCRIPTION                                                                                                                                             | FACTORY INSTALLED CODE |
|-------|------------|----------------|----------------------------------------------------------------------------------------------------------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

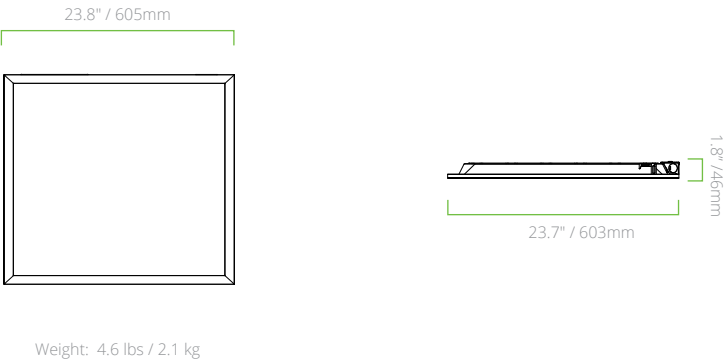
CONTROLS & SENSORS: FIELD OR FACTORY INSTALLED

| ORDER                                           | ORDER CODE | ITEM #                 | DESCRIPTION                                                                                                                                                                                                                                         | IMAGE | FACTORY INSTALLED CODE |
|-------------------------------------------------|------------|------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|------------------------|
| STANDALONE CONTROLS                             |            |                        |                                                                                                                                                                                                                                                     |       |                        |
| PLUG AND PLAY SENSORS                           |            |                        |                                                                                                                                                                                                                                                     |       |                        |
|                                                 | 13697      | SENA-SHPR              | Stand-alone PIR Motion Sensor, 12-14V, 1/2" Button Snap-in, 0-10V, Daylight Harvesting, 8-12ft, Default settings can be modified by SEN5A-ACT.                                                                                                      |       | M14                    |
| REMOTES FOR COMMISSIONING PLUG AND PLAY SENSORS |            |                        |                                                                                                                                                                                                                                                     |       |                        |
|                                                 | 13344      | SEN5A-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)               |            |                        |                                                                                                                                                                                                                                                     |       |                        |
| PLUG AND PLAY SENSOR                            |            |                        |                                                                                                                                                                                                                                                     |       |                        |
|                                                 | 15439      | SEN-WSI-PIR-A          | BLE PIR Motion sensor, 12-24V, Screw-in, 0-10V, Daylight Harvesting, 8-40ft, White, IP65, Parameters set by Silvair App<br><b>Note:</b> Optional sensitivity can be adjusted by SEN5A-ACT.                                                          |       | M21                    |
| CEILING MOUNT SENSOR                            |            |                        |                                                                                                                                                                                                                                                     |       |                        |
|                                                 | 13359      | SENA-WCPA              | BLE PIR Motion sensor, 12-24V, Ceiling Mount, 0-10V, Daylight Harvesting, 12ft, OD3.3" WhiteTrim (ID2.7"), Parameters set by Silvair App.<br><b>Note:</b> Requires a power supply of 12VDC from the <b>PSC-WCM-450-BLE-SR</b> for proper operation. |       | ---                    |
| WALL OR WIRELESS CONTROLLERS                    |            |                        |                                                                                                                                                                                                                                                     |       |                        |
|                                                 | 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.                                                                                                                                                 |       | ---                    |
|                                                 | 12635      | PSC-DM-WS-100-BLE-SR   | BLE TruBlu 120-277V, Single Gang Single Button Wall Controller, White, Parameters set by Silvair 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 Silvair App.                                                                                                                              |       | ---                    |
|                                                 | 12637      | PSC-DM-WS-400-BLE-SR   | BLE TruBlu 4-Button Wall Controller, 120-277V, Single Gang, White, Parameters set by Silvair App.                                                                                                                                                   |       | ---                    |
| GATEWAY AND RANGE EXTERNDER                     |            |                        |                                                                                                                                                                                                                                                     |       |                        |
|                                                 | 13234      | SGW-101                | BLE Silvair Gateway SGW-101 Manufactured by Rigado (model: Cascade-500). 5-year from Silvair warranty and tech support.                                                                                                                             |       | ---                    |
|                                                 | 12994      | PSC-RET-100-BLE-SR     | BLE TruBlu Range Extender, 120-277V, 800ft, NEMA 4X Outdoor Enclosure                                                                                                                                                                               |       | ---                    |
|                                                 | 12993      | PSC-TKP-200-BLE-SR     | BLE TruBlu Battery Backup Timekeeper and Range Extender, 120V, 800ft, NEMA 4X Outdoor Enclosure                                                                                                                                                     |       | ---                    |

1X4 MODELS



2X2 MODELS



2X4 MODELS

