



LED BACKLIT PANEL - BP SERIES

OEO's recessed **LED backlit flat panel lighting** offers an advanced, energy-efficient replacement for traditional fluorescent lay-in lights. Designed with today's innovative **color and wattage selectable technology**, these fixtures provide maximum flexibility for a wide range of commercial applications. Available in **standard 2'x4', 2'x2' and 1'x4' sizes**, these LED panels deliver bright, uniform illumination with no flicker and none of the maintenance issues common with fluorescent tubes. A durable metal frame and high-quality polycarbonate diffuser ensure consistent light distribution, minimizing glare and shadows for a comfortable environment.

FEATURES

- Selectable wattage & lumen packages for field adjustable brightness
- Field selectable color temperature (CCT) options from warm white (3500K) to daylight (5000K)
- Backlit technology that offers even lighting distribution without shadowing
- Durable white metal body with efficient heat dissipation
- Sensor options for PIR, microwave, or Bluetooth operations
- Easy installation - mount into standard t-grid suspended ceiling systems
- Perfect blend of design, performance, and reliability
- Long LED lifetime; rated for over 50,000 hours
- TAA Compliant - eligible for federal, GSA, and government-funded projects
- DLC 5.1 Premium; rebate eligible

APPLICATION

- Schools & Universities
- Office
- Hospital & Medical
- Hospitality
- Grocery & Retail
- Industrial

CERTIFICATIONS

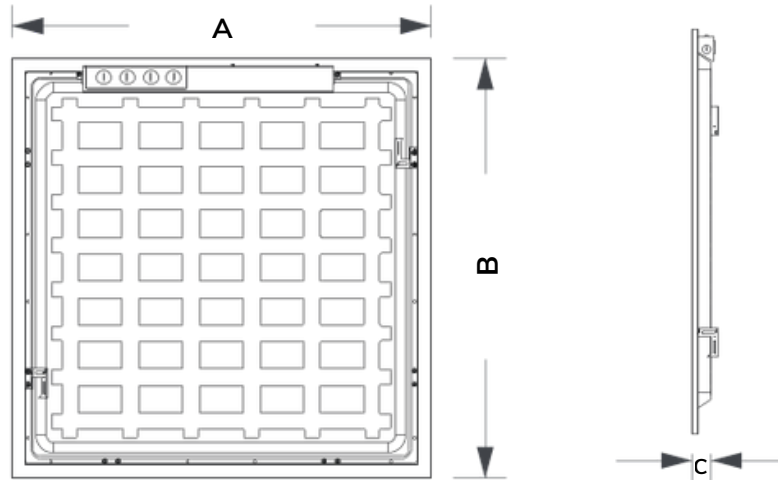


SPECIFICATIONS

- **POWER:** 120-277V (with 0-10V dimming)
- **CCT:** Tunable | 3500K, 4000K, 5000K
- **WATTAGE:** Selectable | 20W minimum to 50W maximum
- **LUMENS:** Adjustable | 6,250 LM maximum
- **PROFILE:** 2'x4', 2x2' and 1'x4' standard sizes
- **EFFICACY:** 125 lumens per watt
- **DIMMABLE:** 0-10V
- **CRI:** 80+
- **OPERATING TEMP:** -4°F to 122°F
- **OPTIONS:** Occupancy / daylight sensor; Bluetooth network controls; surface mount kit; Emergency Power
- **ENERGY SAVINGS:** Up to 81%
- **WARRANTY:** 5 years

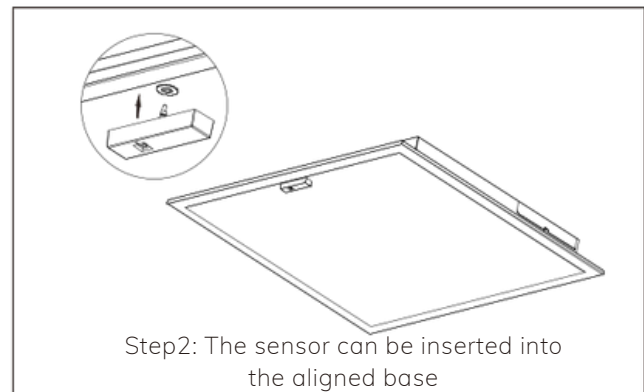
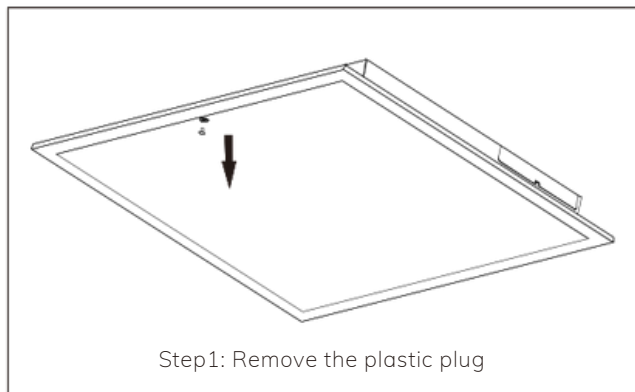
Power & CCT Selectable Backlit Flat Panel

DIMENSIONS

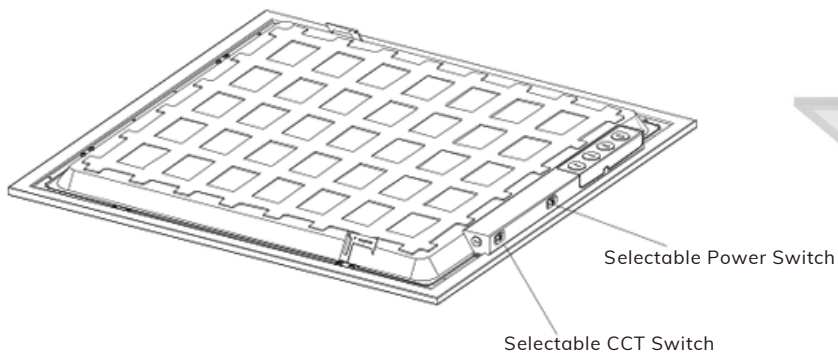


Model	SIZE (NOMINAL)	A	B	C
BPANEL - 2X4 PANEL	2' x 4'	47.81"	23.78"	1.30"
BPANEL - 2X2 PANEL	2' x 2'	23.78"	23.78"	1.30"
BPANEL - 1X4 PANEL	1' x 4'	47.78"	11.97"	1.30"

SENSOR OPTION



SELECTABLE POWER & CCT



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ORDERING GUIDE

Model	SIZE (NOMINAL)	WATTAGE (SELECTABLE)	EFFICACY	CCT (TUNABLE)	POWER	CRI	EM POWER	SENSOR
BPANEL-2X4	2' x 4'	30W, 40W, 50W	125 LPW	3500K, 4000K, 5000K	120-277V	> 80	Blank - No Emergency Power EMB - 8W Backup	Blank SR - Sensor Receptacle
BPANEL-2X2	2' x 2'	20W, 30W, 40W						
BPANEL-1X4	1' x 4'							

OPTIONAL SURFACE MOUNT KIT

