

PROJECT	
TYPE	
CATALOG #	



2'x 4' LED panel light,
30, 40, and 50W, 120-277V input

PRODUCT FEATURES

- Wattage Selectable (50/40/30W)
- CCT Selectable (3500/4000/5000K)
- Features integrated SmartLoop Bluetooth™ mesh wireless sensor controller. The sensor controller may be used “out of the box” as a stand alone sensor (pre-commissioned, see page 2 for details); or may be commissioned using the SmartLoop app to add advanced functions such as zoning, high-end trim, configure occupancy/vacancy behavior, create scenes, and set schedules.
- New backlit style design; fits standard T-grid ceilings
- Construction features precise optical lenses over each individual LED offering optimal light diffusion and consistent surface illumination Suitable for damp locations
- Powered by 0-10V dimmable LED driver with built in junction box
- Compatible with LED emergency backup
- Over 70% energy savings compared to traditional fluorescent troffers
- Operating temp range -20°C/-4°F to 40°C/104°F



PERFORMANCE SPECIFICATIONS

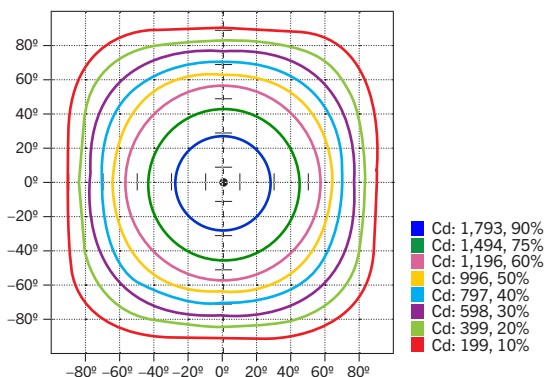
Catalog Number	Wattage	CCT	Lumen Output	Efficacy	Input Voltage	CRI	Power Factor	Lifetime
KT-BPLED50PS-24B-8CSA-VDIM /FC2*	50W	3500K	5,850	117 lm/W	120-277V	>80	>0.9	50,000 Hours
		4000K	6,200	124 lm/W				
		5000K	5,900	118 lm/W				
	40W	3500K	4,850	121 lm/W				
		4000K	5,200	120 lm/W				
		5000K	4,900	123 lm/W				
	30W	3500K	3,850	128 lm/W				
		4000K	4,200	140 lm/W				
		5000K	3,900	130 lm/W				

ONE CATALOG NUMBER WITH 9 DIFFERENT OPTIONS

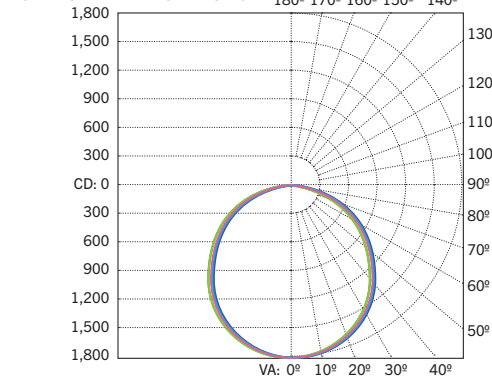
* Preset to highest lumen output (50W / 5000K)
* Color Uniformity: CCT (Correlated Color Temperature) range as per guidelines outlined in ANSI C78.377-2017.

PHOTOMETRIC SPECIFICATIONS

ISOCANDELA PLOT



POLAR CANDELA DISTRIBUTION



ZONAL LUMEN SUMMARY

Zone	Lumens	% Luminaire
0-60	4,546.4	77.9%
60-90	1,275.8	21.9%
0-90	5834.2	100%

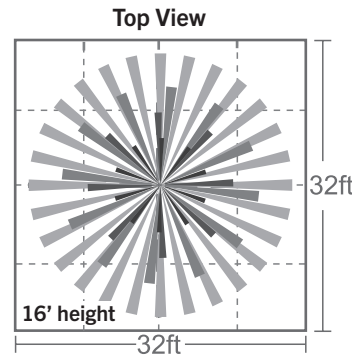
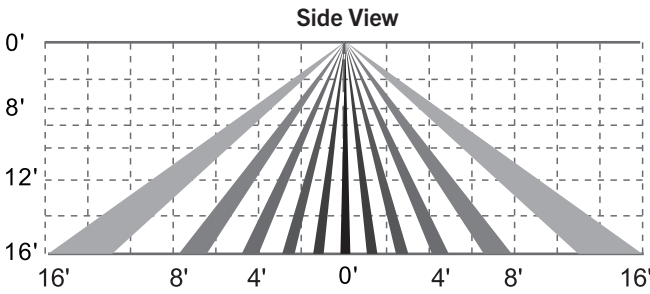
PROJECT	
TYPE	
CATALOG #	

SENSOR PERFORMANCE

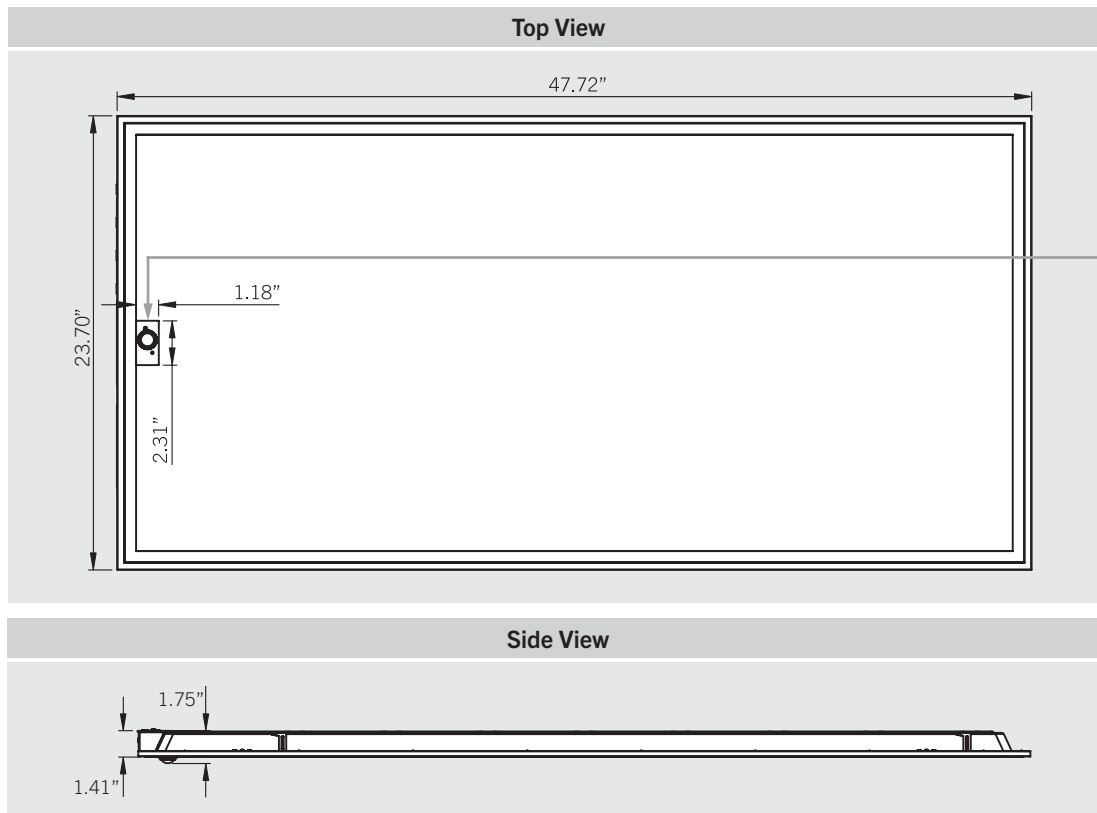
ELECTRICAL SPECIFICATIONS	
RF Transmit Power	8dBm
Wireless Frequency	2.4GHz
Wireless Range (Open Air)	100ft
Wireless Protocol	Bluetooth 4.2
Sensor Detection Height	16' max
Daylight Harvesting Range	100-1000 lux

PRECONFIGURED SETTINGS	
Photo Sensor	Enabled
Motion Sensitivity	100%
Motion Sensor	Enabled
Motion Mode	Occupancy
Hold Time	20m
Standby Time	1m
Standby Percentage	50%

SENSOR COVERAGE



PHYSICAL SPECIFICATIONS



WEIGHT INFORMATION

1 Piece	1 Carton
11.5 lbs	23 lbs



ORDERING INFORMATION

CATALOG NUMBER	CARTON QTY.	UPC	EASY CODE
BPL-LED-24B-50PS-8CSA /FC2	2	843654151625	PJN-59