

BACKLIT LED PANEL LIGHT



2'x4' LED panel light, 30, 40 and 50W,
120-277V input, 0-10V dimming

PRODUCT FEATURES

- CCT Selectable (3500/4000/5000K)
- Wattage Selectable (50,40,30W)
- Aluminum frame featuring stepped edge design detail and gloss white paint for improved aesthetics
- Suitable for recessed or surface mount (with optional accessories)*
- Construction features precise optical lenses over each individual LED, offering optimal light diffusion and consistent surface

* For use in non-fire rated installations only



- illumination, with no risk of yellowing over product lifetime
- New backlit style design; fits standard T-grid ceilings
- Suitable for damp locations
- Powered by 0-10V dimmable LED driver with built-in junction box
- Compatible with LED emergency backup
- Over 50% energy savings compared to traditional fluorescent troffers
- Operating temp range -20°C/-4°F to 40°C/104°F

PERFORMANCE SPECIFICATIONS

Catalog Number	Input Voltage	Wattage	Color Temperature	Lumen Output	CRI	Power Factor	Efficacy	Lifetime
1ST-BLP-24-50K-PS	120-277V	50W	3500K	5,500	>80	>0.9	110 lm/W	50,000 Hours
			4000K	5,600			112 lm/W	
			5000K	5,600			112 lm/W	
	120-277V	40W	3500K	4,600			115 lm/W	
			4000K	4,700			118 lm/W	
			5000K	4,700			118 lm/W	
	120-277V	30W	3500K	3,600			120 lm/W	
			4000K	3,700			123 lm/W	
			5000K	3,700			123 lm/W	

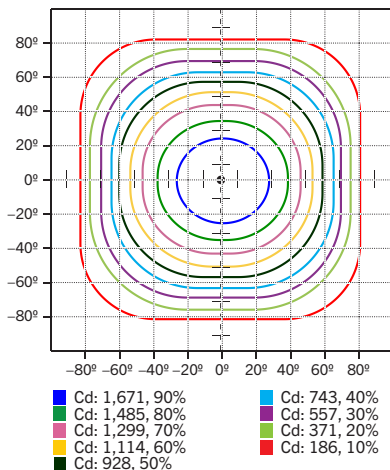
ONE CATALOG NUMBER WITH 9 DIFFERENT OPTIONS

* Preset to highest lumen output (40W / 5000K)

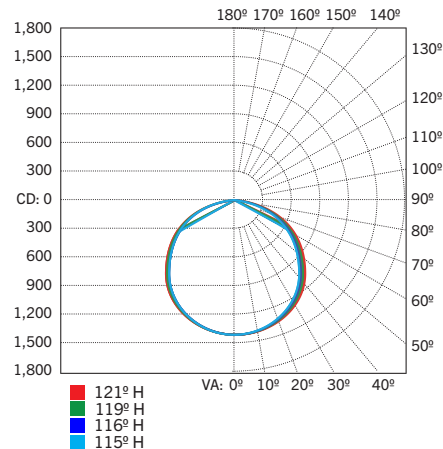
* Color Uniformity: CCT (Correlated Color Temperature) range as per guidelines outlined in ANSI C78.377-2017.

PHOTOMETRIC SPECIFICATIONS

ISOCANDELA PLOT



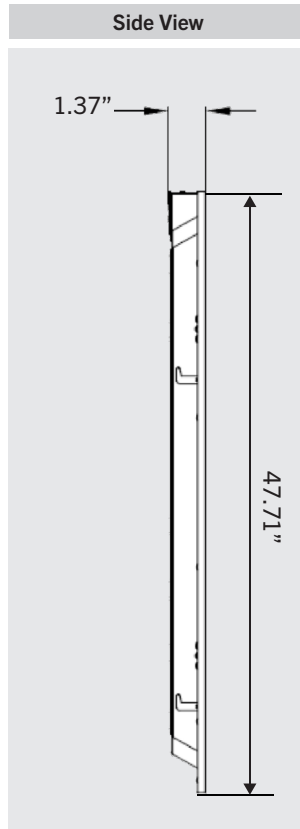
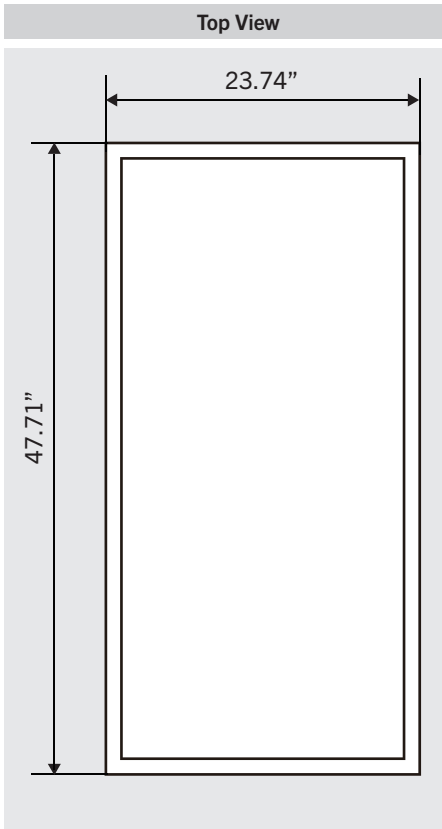
POLAR CANDELA DISTRIBUTION



ZONAL LUMEN SUMMARY

Zone	Lumens	% Luminaire
0-60	4,351.0	76.7%
60-90	1,315.5	23.2%
0-90	5,666.5	99.9%
90-180	3.7	0.06%
0-180	5,670.2	100%

PHYSICAL SPECIFICATIONS



WEIGHT INFORMATION

1 Piece	Carton (2)
11.5 lbs	23 lbs