

LED Luminaires

ProLED Select Backlit Panel Series

- Selectable Wattage
- Selectable Color Temperatures
- 0-10V Dimming
- Direct Backlit Design
- 5 Year Warranty

Specifications



Description

The ProLED Select Backlit Panel Series provides a high performing, efficient solution to compliment any commercial or industrial application. This innovative fixture is both Wattage and CCT Selectable to make it one of the most versatile flat panels on the market.

Construction

- Wattage select dipswitch
- CCT select dipswitch
- Aluminum housing
- Diffused lens
- Multiple knockouts on driver compartment
- Low voltage wiring accessible through AC wiring compartment
- PMMA Lens cover and optics

Performance

- Selectable wattage between 20W-45W
- Selectable color temperatures 3500K/4500K/5000K
- Efficacy <125LPW
- 0-10V dimming
- 120-277VAC
- L70 lumen maintenance > 50,000 Hours

Certifications

- DLC 5.1 standard
- ETL listed
- ROHS compliant
- IC rated
- Damp location

ProLED Select Backlit Panel Series

Ordering Logic

Series	Product Size	Wattage	CCT	Voltage	CCT
BPL = Backlit Panel	14 = 1x4 22 = 2x2 24 = 2x4	WS = Wattage Selectable 1x4 - 20W, 30W, 35W 2x2 - 20W, 30W, 35W 2x4 - 30W, 35W, 45W	CS = Color Selectable 3500K/4000K/5000K	U = 120-277V	Blank = NA EM = Emergency Battery

Ordering Information

Product SKU	Product Code	Product Description
90363	BPL-14-WS-CS-U	ProLED Select Backlit Panel 1x4 Wattage and CCT Selectable
90364	BPL-22-WS-CS-U	ProLED Select Backlit Panel 2x2 Wattage and CCT Selectable
90365	BPL-24-WS-CS-U	ProLED Select Backlit Panel 2x4 Wattage and CCT Selectable
Accessories		
90366	BPL-14-SMK	ProLED Select Back Lit Panel 1x4 Surface Mount Kit
90367	BPL-22-SMK	ProLED Select Back Lit Panel 2x2 Surface Mount Kit
90368	BPL-24-SMK	ProLED Select Back Lit Panel 2x4 Surface Mount Kit
90369	BPL-14-FMK	ProLED Select Back Lit Panel 1x4 Flange Mount Kit
90370	BPL-22-FMK	ProLED Select Back Lit Panel 2x2 Flange Mount Kit
90371	BPL-24-FMK	ProLED Select Back Lit Panel 2x4 Flange Mount Kit
Options		
81981	VPL/EM/LED3	LED Panel Gen III Emergency Battery 16W
90372	BPL-EMMB1	ProLED Select Backlit Panel 1x4 Emergency Battery Back Up Mounting Bridge Size 1
90373	BPL-EMMB2	ProLED Select Backlit Panel 2x2, 2x4 Emergency Battery Back Up Mounting Bridge Size 2

ProLED Select Backlit Panel Series

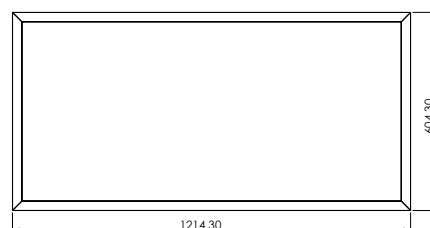
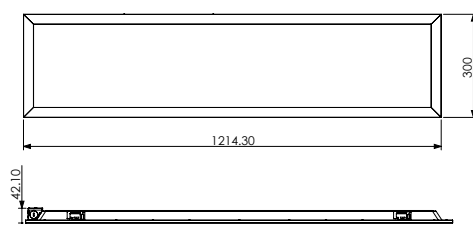
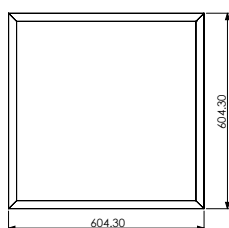
Performance Table

Product Code	Selectable Wattage	3500K		4000K		5000K	
		Lumen Output (lm)	Efficacy (lm/W)	Lumen Output (lm)	Efficacy (lm/W)	Lumen Output (lm)	Efficacy (lm/W)
BPL-14-WS-CS-U	20	2548	127	2676	134	2620	131
	30	3439	115	3650	122	3531	118
	35	3803	109	4217	120	4044	116
BPL-22-WS-CS-U	20	2454	123	2577	129	2523	126
	30	3319	111	3521	117	4044	135
	35	3790	110	4024	115	3859	110
BPL-24-WS-CS-U	30	3864	129	4006	134	3955	132
	35	4318	123	4505	129	4426	126
	45	5284	117	5544	123	5426	121

Specifications Table

	BPL-14-WS-CS-U	BPL-22-WS-CS-U	BPL-24-WS-CS-U
Wattage	Selectable - 20W, 30W, 35W	Selectable - 20W, 30W, 35W	Selectable - 30W, 35W, 45W
Delivered Lumens	2548lm - 4217lm	2454lm - 4044lm	3864lm - 5544lm
Efficacy (lm/W)	109LPW - 134LPW	110LPW - 135LPW	117LPW - 134LPW
CCT	Selectable - 3500K, 4000K, 5000K		
CRI	80+		
L70 Lifetime (hrs)	50,000		
Voltage	120-277VAC		
Power Factor	>0.9		
Dimming	0-10V		
Housing	Aluminum		
Lens	Diffused Lens		
Operating Temperature	-20°C - 40°C		
Listings	DLC 5.1, ETL, FCC		
Environment	Damp Location, IC Rated		
Weight (lbs)	5.2	5.4	9.5
Warranty	5 years Standard		

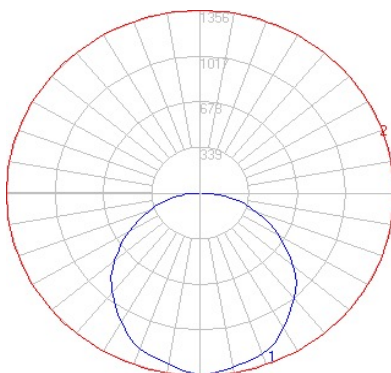
Dimensions



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Photometrics

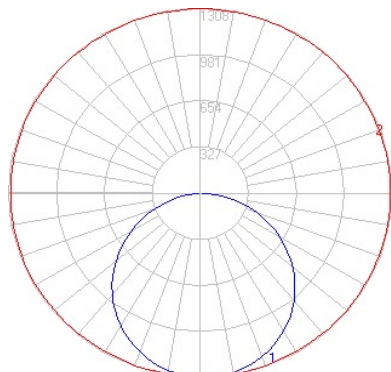
Zonal Lumen Summary			
Zone	Lumens	%Lamp	%Fixt
0-20	489.11	12.3	12.3
0-30	1041.83	26.3	26.3
0-40	1710.14	43.1	43.1
0-60	3050.87	76.9	76.9
0-80	3864.5	97.4	97.4
0-90	3968.34	100	100
Oct-90	3841.46	96.8	96.8
20-40	1221.03	30.8	30.8
20-50	1921.39	48.4	48.4
40-70	1842.31	46.4	46.4
60-80	813.63	20.5	20.5
70-80	312.05	7.9	7.9
80-90	103.84	2.6	2.6
90-110	0	0	0
90-120	0	0	0
90-130	0	0	0
90-150	0	0	0
90-180	0	0	0
110-180	0	0	0
0-180	3968.34	100	100
Total Luminaire Efficiency = 100%			



ProLED Select Backlit Panel - 1x4

Settings: 35W at 3500K

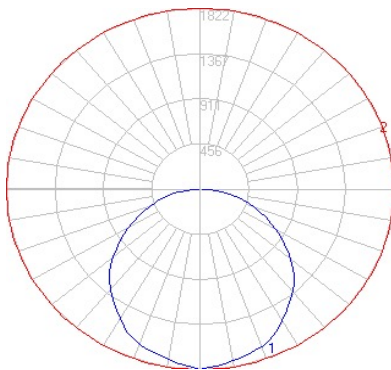
Zonal Lumen Summary			
Zone	Lumens	%Lamp	%Fixt
0-20	471.69	12.4	12.4
0-30	1004.33	26.5	26.5
0-40	1647.46	43.5	43.5
0-60	2930.85	77.3	77.3
0-80	3693.34	97.4	97.5
0-90	3789.77	100	100
Oct-90	3667.39	96.7	96.8
20-40	1175.77	31	31
20-50	1848.14	48.8	48.8
40-70	1755.95	46.3	46.3
60-80	762.5	20.1	20.1
70-80	289.93	7.6	7.7
80-90	96.42	2.5	2.5
90-110	0	0	0
90-120	0	0	0
90-130	0	0	0
90-150	0	0	0
90-180	0	0	0
110-180	0	0	0
0-180	3789.77	100	100
Total Luminaire Efficiency = 100%			



ProLED Select Backlit Panel - 2x2

Settings: 35W at 3500K

Zonal Lumen Summary			
Zone	Lumens	%Lamp	%Fixt
0-20	657.31	12.4	12.4
0-30	1400.4	26.5	26.5
0-40	2298.93	43.5	43.5
0-60	4093.88	77.5	77.5
0-80	5150.35	97.5	97.5
0-90	5283.37	100	100
Oct-90	5112.9	96.8	96.8
20-40	1641.62	31.1	31.1
20-50	2582.21	48.9	48.9
40-70	2452.46	46.4	46.4
60-80	1056.48	20	20
70-80	398.98	7.6	7.6
80-90	133.01	2.5	2.5
90-110	0	0	0
90-120	0	0	0
90-130	0	0	0
90-150	0	0	0
90-180	0	0	0
110-180	0	0	0
0-180	5283.37	100	100
Total Luminaire Efficiency = 100%			



ProLED Select Backlit Panel - 2x4

Settings: 45W at 3500K