

Edge Lit Panel Series



ProLED® Edge Lit Panel Series are a long life and energy efficient replacement for traditional lamps. Dimmable and easy to install, they deliver a maintenance-free experience with a 50,000-hour useful rated life. With its superior LED technology and performance, the Edge Lit Panel Series deliver consistent color, uniform illumination, and a long life for your lighting design. Applications include: office, hallway, bathroom, lobby, conference room, classroom. ProLED® LED Edgelit Panel Series are backed by a 5-year warranty.

Performance Specifications

CRI _____	82	Min. Start Temp. _____	0°C (-20°F) - 20°C (-4°F)
Rated Life _____	50,000 hours	Max. Operating Temp. _____	40°C (104°F)
Watt _____	30W, 50W	Power Factor _____	>0.95%
Lumens _____	3000-5300 lm	Warranty _____	5-Year
Lumens per Watt (LPW) _____	100-106	Control _____	Dimmable to 10% (0-10V)
Input Line Voltage _____	120-277V	Weight _____	7.96, 15.2 lbs
Input Line Frequency _____	50/60 Hz		

Energy Savings

Traditional lamp	Replacement LED	Energy Savings
(2) 32 CFL	30W	53%

Construction

- 50,000 hour life results in lower maintenance costs over time
- Direct backlit design provides a smooth and more uniform light distribution than edge-lit panels
- Frosted lens for smooth, even and comfortable light distribution
- ETL approved for damp locations
- RoHS Compliant
- Dimmable to 10% (0-10V)
- DLC certified
- Offset driver box mounting for challenging plennem mounting

Installation

- Universal mounting clips for varying ceiling thickness
- Fast access terminal block for easy thru-wire (up to 12 guage wire size)
- Emergency battery options for all color temperatures

Electrical

- 120-277V Input
- 50/60 Hz Input frequency
- Dimmable to 10% (0-10V)
- Power Factor >0.95%

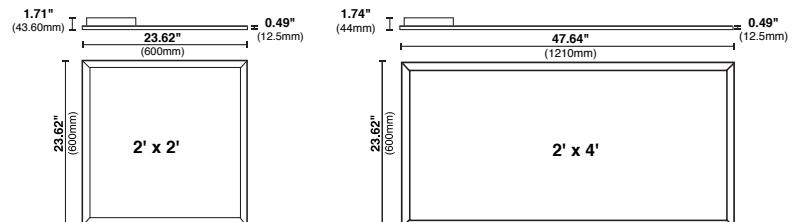
Ordering Information



Watt	Product #	Product Code	Volts	Color Temp.	CRI	Lumen Output	Useful Life*	Dimmable	DLC Qualified	Equivalent Wattage
30	81963	22EPL30/835/LED	120-277	3500K	82	3000	50,000	0-10V	Yes	30
30	81964	22EPL30/840/LED	120-277	4000K	82	3050	50,000	0-10V	Yes	30
30	81965	22EPL30/850/LED	120-277	5000K	82	3150	50,000	0-10V	Yes	30
50	81966	24EPL50/835/LED	120-277	3500K	82	5000	50,000	0-10V	Yes	50
50	81967	24EPL50/840/LED	120-277	4000K	82	5100	50,000	0-10V	Yes	50
50	81968	24EPL50/850/LED	120-277	5000K	82	5300	50,000	0-10V	Yes	50
30	81969	22EPL30/835/EM/LED	120-277	3500K	82	3000	50,000	0-10V	Yes	30
30	81970	22EPL30/840/EM/LED	120-277	4000K	82	3050	50,000	0-10V	Yes	30
30	81971	22EPL30/850/EM/LED	120-277	5000K	82	3150	50,000	0-10V	Yes	30
50	81972	24EPL50/835/EM/LED	120-277	3500K	82	5000	50,000	0-10V	Yes	50
50	81973	24EPL50/840/EM/LED	120-277	4000K	82	5100	50,000	0-10V	Yes	50
50	81974	24EPL50/850/EM/LED	120-277	5000K	82	5300	50,000	0-10V	Yes	50

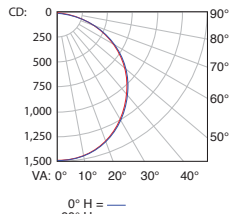
* Useful Life is defined as the point in time at which the lamp will maintain at least 70% of its initial lumens. The lamp will continue to operate past this point at decreased light levels. ** May not be compatible with all dimming systems, dimming performance may vary by system. *** Check the latest update at www.DesignLights.org for listed product catalog numbers. Not all versions are listed.

Dimensions



Photometrics

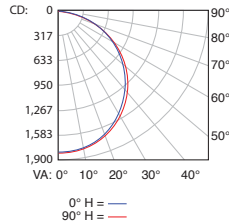
81963, 22EPL30/835/LED
81969, 22EPL30/835/EM/LED



LUMENS PER ZONE		
ZONE	LUMENS	% TOTAL
0-10	139.9	3.3%
10-20	400.1	9.4%
20-30	607.8	14.3%
30-40	735.2	17.3%
40-50	764.7	18.0%
50-60	690.8	16.2%
60-70	525.2	12.4%
70-80	303.4	7.1%
80-90	83.9	2.0%

ZONAL LUMEN SUMMARY			
ZONE	LUMENS	% LAMP	% LUMINAIRE
0-30	849.8	27.7%	26.7%
0-40	1,392.4	45.4%	43.8%
0-60	2,466.7	80.3%	77.6%
60-90	700.5	22.8%	22%
70-100	308.4	10%	9.7%
90-120	4.4	0.1%	0.1%
0-90	3,167.2	103.2%	99.6%
90-180	12.4	0.4%	0.4%
0-180	3,179.7	103.6%	100%

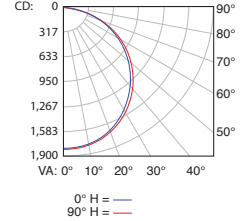
81964, 22EPL30/840/LED
81970, 22EPL30/840/EM/LED



LUMENS PER ZONE					
ZONE	LUMENS	% TOTAL	ZONE	LUMENS	% TOTAL
0-10	103.5	3.3%	90-100	1.7	0.1%
10-20	296.6	9.3%	100-110	1.3	0%
20-30	449.7	14.1%	110-120	1.3	0%
30-40	542.6	17.1%	120-130	1.5	0%
40-50	563.5	17.7%	130-140	1.7	0.1%
50-60	510.9	16.1%	140-150	1.8	0.1%
60-70	393.9	12.4%	150-160	1.6	0%
70-80	235.0	7.4%	160-170	1.1	0%
80-90	71.7	2.3%	170-180	0.4	0%

ZONE LUMENS % LAMP % LUMINAIRE			
ZONE	LUMENS	% LAMP	% LUMINAIRE
0-30	1,147.9	38.9%	27%
0-40	1,883.0	63.7%	44.3%
0-60	3,338.5	113%	78.5%
60-90	912.5	30.9%	21.5%
0-90	4,251.0	143.9%	100%

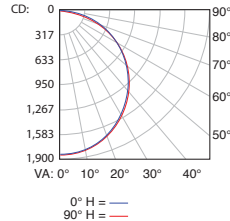
81965, 22EPL30/850/LED
81971, 22EPL30/850/EM/LED



LUMENS PER ZONE					
ZONE	LUMENS	% TOTAL	ZONE	LUMENS	% TOTAL
0-10	103.5	3.3%	90-100	1.7	0.1%
10-20	296.6	9.3%	100-110	1.3	0%
20-30	449.7	14.1%	110-120	1.3	0%
30-40	542.6	17.1%	120-130	1.5	0%
40-50	563.5	17.7%	130-140	1.7	0.1%
50-60	510.9	16.1%	140-150	1.8	0.1%
60-70	393.9	12.4%	150-160	1.6	0%
70-80	235.0	7.4%	160-170	1.1	0%
80-90	71.7	2.3%	170-180	0.4	0%

ZONAL LUMEN SUMMARY			
ZONE	LUMENS	% LAMP	% LUMINAIRE
0-30	849.8	26.7%	26.7%
0-40	1,392.4	43.7%	43.8%
0-60	2,466.7	77.5%	77.6%
60-90	700.5	22%	22%
70-100	308.4	9.7%	9.7%
90-120	4.4	0.1%	0.1%
0-90	3,167.2	99.5%	99.6%
90-180	12.4	0.4%	0.4%
0-180	3,179.7	99.9%	100%

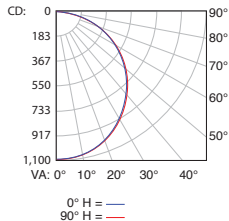
81966, 24EPL50/835/LED
81972, 24EPL50/835/EM/LED



LUMENS PER ZONE		
ZONE	LUMENS	% TOTAL
0-10	171.5	3.3%
10-20	492.0	9.4%
20-30	747.9	14.4%
30-40	902.7	17.3%
40-50	936.7	18.0%
50-60	846.2	16.3%
60-70	641.2	12.3%
70-80	367.2	7.1%
80-90	101.1	1.9%

ZONAL LUMEN SUMMARY			
ZONE	LUMENS	% LAMP	% LUMINAIRE
0-30	1,411.3	27.9%	27.1%
0-40	2,314.0	45.8%	44.4%
0-60	4,096.8	81%	78.7%
60-90	1,109.5	21.9%	21.3%
0-90	5,206.3	103%	100%

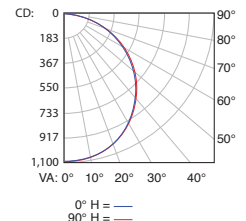
81967, 24EPL50/840/LED
81973, 24EPL50/840/EM/LED



LUMENS PER ZONE		
ZONE	LUMENS	% TOTAL
0-10	171.5	3.3%
10-20	492.0	9.4%
20-30	747.9	14.4%
30-40	902.7	17.3%
40-50	936.7	18.0%
50-60	846.2	16.3%
60-70	641.2	12.3%
70-80	367.2	7.1%
80-90	101.1	1.9%

ZONAL LUMEN SUMMARY			
ZONE	LUMENS	% LAMP	% LUMINAIRE
0-30	1,411.3	27.3%	27.1%
0-40	2,314.0	44.8%	44.4%
0-60	4,096.8	79.4%	78.7%
60-90	1,109.5	21.5%	21.3%
0-90	5,206.3	100.9%	100%

81968, 24EPL50/850/LED
81974, 24EPL50/850/EM/LED



LUMENS PER ZONE					
ZONE	LUMENS	% TOTAL	ZONE	LUMENS	% TOTAL
0-10	174.6	3.3%	90-100	2.7	0.1%
10-20	500.3	9.3%	100-110	1.6	0%
20-30	758.8	14.2%	110-120	1.5	0%
30-40	916.1	17.1%	120-130	1.8	0%
40-50	951.5	17.8%	130-140	2.1	0%
50-60	862.1	16.1%	140-150	2.1	0%
60-70	663.4	12.4%	150-160	1.8	0%
70-80	392.9	7.3%	160-170	1.2	0%
80-90	118.6	2.2%	170-180	0.4	0%

ZONAL LUMEN SUMMARY			
ZONE	LUMENS	% LAMP	% LUMINAIRE
0-30	1,433.8	26.8%	26.8%
0-40	2,349.9	43.8%	43.9%
0-60	4,163.5	77.7%	77.8%
60-90	1,174.8	21.9%	21.9%
70-100	514.2	9.6%	9.6%
90-120	5.8	0.1%	0.1%
0-90	5,338.4	99.6%	99.7%
90-180	15.3	0.3%	0.3%
0-180	5,353.7	99.9%	100%