



LED Panel

ProLED® Edgelit 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.



0-10V Dimmable

Lightweight, Low Profile Design

50,000 Hour Lifespan

5 Year Warranty

IC Rated

Applications:

- Office
- Retail
- Healthcare
- Education
- Hospitality



Contact Your Customer Care Specialist
For Pricing, Orders And Technical Support.

800.677.3334 www.halcolighting.com

ProLED® Edgelit Panel Series

Product #: _____ Type: _____

Project: _____ Date: _____

Comments: _____ Initials: _____

Performance

- CRI > 82
- Rated Life - 50,000 hours
- Watts - 30W, 50W
- Lumens - 3000-5300 lm
- Lumens per Watt (LPW)
- Input Line Voltage - 120-277V
- Input Line Frequency - 150/60 HZ
- Min. Start Temp. - 0°C (-20°F) - 20°C (-4°F)
- Max. Operating Temp. - 40°C (104°F)
- Power Factor >0.95%
- Warranty - 5-Year
- Control - Dimmable to 10% (0-10V)
- Weight - 7.96, 15.2 lbs

Electrical

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

Installation

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

Construction

- 50,000 hour life results in lower maintenance costs over time
- Frosted lens for smooth, even and comfortable light distribution
- ETL approved for damp locations
- RoHS compliant
- Dimmable to 10% (0-10V)
- DLC 5.1 standard
- Offset driver box mounting for challenging plennem mounting
- IC rated

Ordering Information

Product Code	SKU	Description
1x4		
14EPL40/835/LED	81982	ProLED Edge-Lit Flat Panel 1x4 40W 3500K 0-10V Dimmable
14EPL40/840/LED	81983	ProLED Edge-Lit Flat Panel 1x4 40W 4000K 0-10V Dimmable
14EPL40/850/LED	81984	ProLED Edge-Lit Flat Panel 1x4 40W 5000K 0-10V Dimmable
1x4 with Emergency Backup		
14EPL40/835/EM/LED	81988	ProLED Edge-Lit Flat Panel 1x4 40W 3500K 0-10V Dimmable w/Battery Backup
14EPL40/840/EM/LED	81989	ProLED Edge-Lit Flat Panel 1x4 40W 4000K 0-10V Dimmable w/Battery Backup
14EPL40/850/EM/LED	81990	ProLED Edge-Lit Flat Panel 1x4 40W 5000K 0-10V Dimmable w/Battery Backup
2x2		
22EPL30/835/LED	81963	ProLED Edge-Lit Flat Panel 2x2 30W 3500K 0-10V Dimmable
22EPL30/840/LED	81964	ProLED Edge-Lit Flat Panel 2x2 30W 4000K 0-10V Dimmable
22EPL30/850/LED	81965	ProLED Edge-Lit Flat Panel 2x2 30W 5000K 0-10V Dimmable
2x2 with Emergency Backup		
22EPL30/835/EM/LED	81969	ProLED Edge-Lit Flat Panel 2x2 30W 3500K 0-10V Dimmable w/Battery Backup
22EPL30/840/EM/LED	81970	ProLED Edge-Lit Flat Panel 2x2 30W 4000K 0-10V Dimmable w/Battery Backup
22EPL30/850/EM/LED	81971	ProLED Edge-Lit Flat Panel 2x2 30W 5000K 0-10V Dimmable w/Battery Backup
2x4		
24EPL50/835/LED	81966	ProLED Edge-Lit Flat Panel 2x4 50W 3500K 0-10V Dimmable
24EPL50/840/LED	81967	ProLED Edge-Lit Flat Panel 2x4 50W 4000K 0-10V Dimmable
24EPL50/850/LED	81968	ProLED Edge-Lit Flat Panel 2x4 50W 5000K 0-10V Dimmable
2x4 with Emergency Backup		
24EPL50/835/EM/LED	81972	ProLED Edge-Lit Flat Panel 2x4 50W 3500K 0-10V Dimmable w/Battery Backup
24EPL50/840/EM/LED	81973	ProLED Edge-Lit Flat Panel 2x4 50W 4000K 0-10V Dimmable w/Battery Backup
24EPL50/850/EM/LED	81974	ProLED Edge-Lit Flat Panel 2x4 50W 5000K 0-10V Dimmable w/Battery Backup

ProLED® Edgelit Panel Series

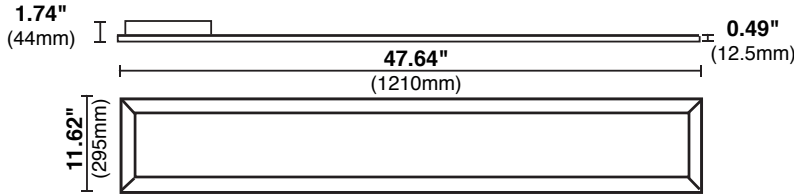
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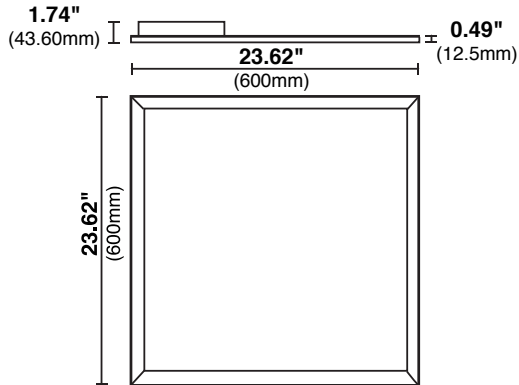
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Dimensions

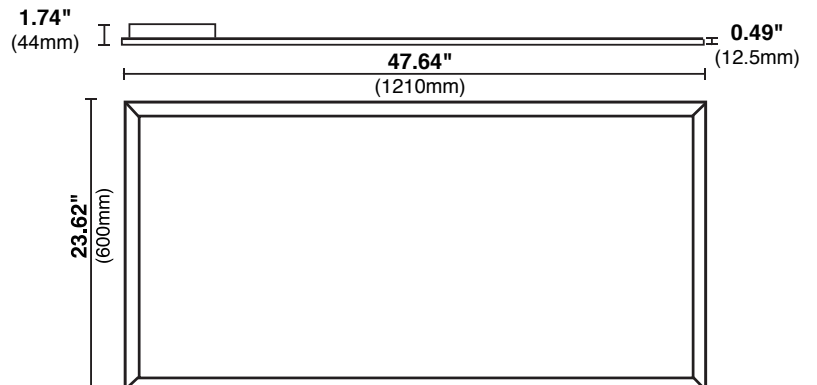
1' x 4'



2' x 2'



2' x 4'



Specification Table

	1x4	2x2	2x4
Wattage	40W	30W	50W
Lumen Output	4000	3150	5300
Input Voltage	120-277VAC		
Power Factor	>0.9		
L70 Lifetime	50,000 Hours		
CRI	>80		
Dimming	0-10V		
Wet Listings	IP20, ETL Listed for Damp Locations		
CCT	3500K, 4000K, 5000K		
Ambient Operating Temperature	-20°C-40°C		
Weight	9.8lb	9.8lb	18.22lb
Dimensions	11.62"x 47.64"	23.62"x 23.62"	23.62"x 47.64"



Accessories Table

Product Code	SKU	Description
SMK22	81105	Surface Mount Kit for 2x2 Flat and Volumetric Panels
SMK24	81106	Surface Mount Kit for 2x4 Flat and Volumetric Panels
VPL/EM/LED3	81981	LED Volumetric Panel Gen III Emergency Battery 16W

*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.
 Warranty - Commercial / Industrial: This product is warranted for 5 years from the date of purchase.

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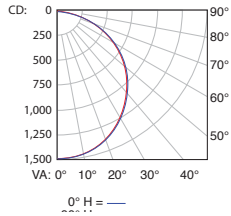
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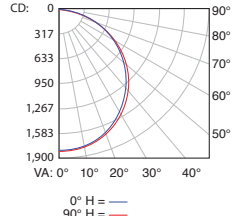
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0-10	139.9	3.3%
10-20	400.1	9.4%
20-30	607.8	14.3%
30-40	735.2	17.3%
40-50	764.7	18.0%
50-60	690.8	16.2%
60-70	525.2	12.4%
70-80	303.4	7.1%
80-90	83.9	2.0%

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%

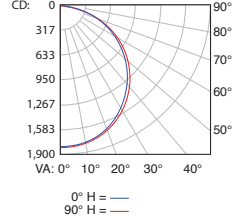
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10-20	296.6	9.3%	100-110	1.3	0%
20-30	449.7	14.1%	110-120	1.3	0%
30-40	542.6	17.1%	120-130	1.5	0%
40-50	563.5	17.7%	130-140	1.7	0.1%
50-60	510.9	16.1%	140-150	1.8	0.1%
60-70	393.9	12.4%	150-160	1.6	0%
70-80	235.0	7.4%	160-170	1.1	0%
80-90	71.7	2.3%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

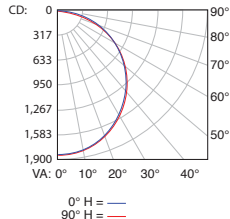
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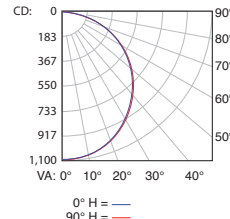
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ZONE	LUMENS	% TOTAL
0-10	171.5	3.3%
10-20	492.0	9.4%
20-30	747.9	14.4%
30-40	902.7	17.3%
40-50	936.7	18.0%
50-60	846.2	16.3%
60-70	641.2	12.3%
70-80	367.2	7.1%
80-90	101.1	1.9%

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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%

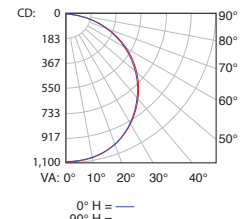
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10-20	500.3	9.3%	100-110	1.6	0%
20-30	758.8	14.2%	110-120	1.5	0%
30-40	916.1	17.1%	120-130	1.8	0%
40-50	951.5	17.8%	130-140	2.1	0%
50-60	862.1	16.1%	140-150	2.1	0%
60-70	663.4	12.4%	150-160	1.8	0%
70-80	392.9	7.3%	160-170	1.2	0%
80-90	118.6	2.2%	170-180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

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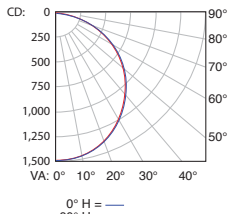
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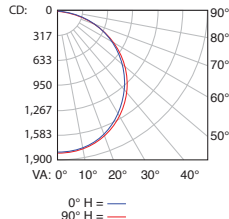


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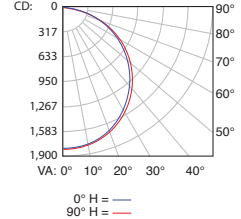


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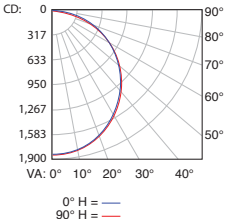


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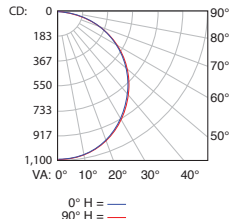


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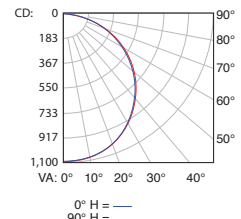


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