



GENERAL DESCRIPTION

The AL-PBLED Slim series offers the latest technology in LED modules and dimmable drivers (0 - 10V dimming) providing up to 130 lumens per watt. These low profile modern center basket fixtures are designed for easy installation making them a great lighting option for any commercial application. The models incorporate a center basket polycarbonate shade, which prevents direct eye contact with the LED modules and provides an even light source. Our AL-PBLED Slim series is available in 2' x 2', and 2' x 4' frames and also feature multiple lumen output options. The AL-PBLED Slim series are UL listed, DLC listed and FCC certified.

APPLICATION

Retail, Offices, etc.

SPECIFICATION FEATURES

Input Voltage	120-277V
Input Frequency	50/60 Hz
Rated Wattage	See Performance Data
Delivered Lumens	See Performance Data
Efficacy	130 LPW
CRI	> 80
Available CCT	3500K, 4000K, 5000K,
Color Consistency	5-step MacAdam Ellipse
Rated Life	>50,000 hours
Ambient Temp.	-20°C to 50°C
Power Factor	> 0.92
THD	< 20%
Dimming	0-10V Continuous (10-100%)

Mounting

Grid ceiling mounted. The edge design provides mounting into standard 1" and 9/16" tee bars or screw slot grids.

Certification

DLC, UL Listed. All components have UL certification. Protection Grade IP20.

Warranty

7-year Limited Warranty. See warranty documentation for more information.

Construction

Durable post painted steel housing with white matte finish and Polycarbonate lens.

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WITH ONE BULB AT A TIME!

ORDERING OPTIONS

AL-PBLED	24	/ 39	- 50	[Blank]	[Blank]	Options
Series AL-PBLED	Form Factor 22 2x2 24 2x4	Rated Wattage 2x2 19 19W 29 29W 2x4 39 39W 49 49W	Color Temp 35 3500K 40 4000K 50 5000K	Lens Difuser Blank Frosted	Dimming Blank 0-10V	Emergency Backup EM Accessories MS Microwave Sensor

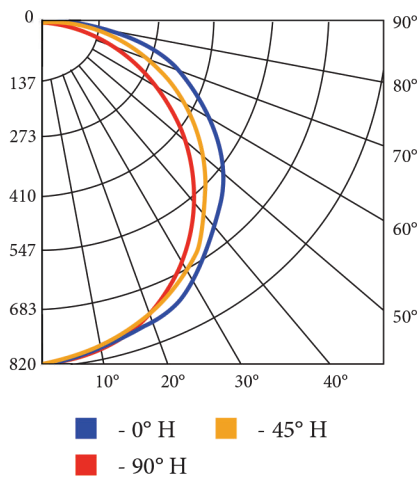
PERFORMANCE DATA

AL-PBLED22

Lens Type	Form Factor	Catalog No.	Rated Wattage (W)	3500K		4000K		5000K	
				Delivered Lumens (lm)	Efficacy (lm/W)	Delivered Lumens (lm)	Efficacy (lm/W)	Delivered Lumens (lm)	Efficacy (lm/W)
Frosted Lens	2x2	AL-PPBLED22	19	2,470	130	2,470	130	2,470	130
			29	3,770	130	3,770	130	3,770	130

PHOTOMETRIC DATA

AL-PBLED22/19-50



Coefficients of Utilization - Zonal Cavity Method

Effective Floor Cavity Reflectance: 20%

RCC%:	80			70			50				
RW%:	70	50	30	0	70	50	30	0	50	30	20
RCR: 0	1.19	1.19	1.19	1.19	1.16	1.16	1.16	1.00	1.11	1.11	1.11
1	1.08	1.03	.98	.94	1.05	1.00	.96	.83	.96	.93	.89
2	.97	.89	.82	.76	.95	.87	.80	.69	.83	.78	.73
3	.89	.78	.69	.62	.86	.76	.68	.58	.73	.66	.61
4	.81	.69	.59	.52	.79	.67	.59	.50	.65	.57	.51
5	.74	.61	.52	.45	.72	.60	.51	.43	.58	.50	.44
6	.69	.55	.46	.39	.67	.54	.45	.38	.52	.44	.39
7	.64	.50	.41	.34	.62	.49	.40	.33	.47	.40	.34
8	.59	.45	.37	.31	.58	.45	.36	.30	.43	.36	.30
9	.55	.42	.33	.28	.54	.41	.33	.27	.40	.32	.27
10	.52	.38	.30	.25	.51	.38	.30	.24	.37	.30	.25

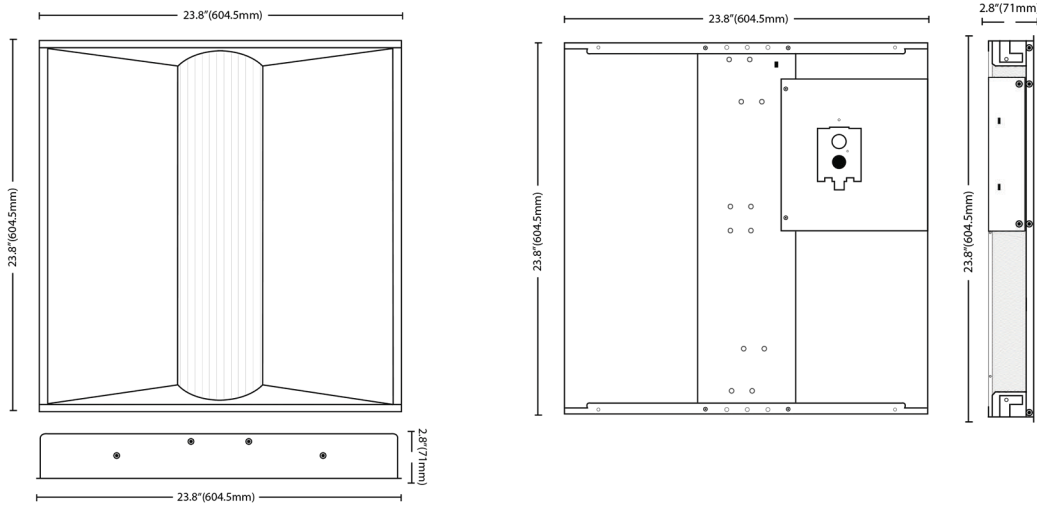
Zonal Lumen Summary

Zone	Lumens	%Lamp	%Luminaire
0-30	621.5	25.6%	25.6%
0-40	1,020.2	42%	42%
0-60	1,832.3	75.4%	75.4%
60-90	598.4	24.6%	24.6%
0-90	2,430.7	100%	100%

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DIMENSIONS

AL-PBLED22



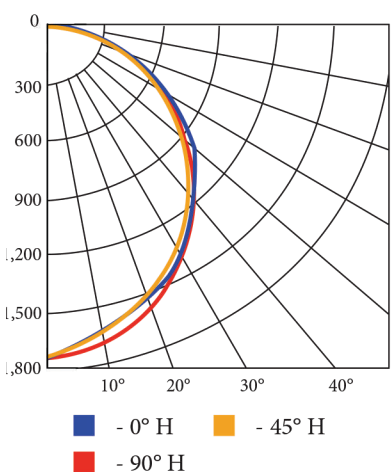
PERFORMANCE DATA

AL-PBLED24

Lens Type	Form Factor	Catalog No.	Rated Wattage (W)	3500K		4000K		5000K	
				Delivered Lumens (lm)	Efficacy (lm/W)	Delivered Lumens (lm)	Efficacy (lm/W)	Delivered Lumens (lm)	Efficacy (lm/W)
Frosted Lens	2x4	AL-PPBLED24	39	5,070	130	5,070	130	5,070	130
			49	6,370	130	6,370	130	6,370	130

PHOTOMETRIC DATA

AL-PBLED24/39-50



Coefficients of Utilization - Zonal Cavity Method

Effective Floor Cavity Reflectance: 20%

RCC%:	80				70				50		
RWV%:	70	50	30	0	70	50	30	0	50	30	20
RCR: 0	1.19	1.19	1.19	1.19	1.16	1.16	1.16	1.00	1.11	1.11	1.11
1	1.07	1.02	.97	.93	1.05	1.00	.95	.82	.95	.92	.88
2	.97	.88	.81	.75	.94	.86	.79	.68	.83	.77	.72
3	.88	.77	.68	.61	.86	.75	.67	.57	.72	.65	.60
4	.81	.68	.59	.52	.78	.67	.58	.49	.64	.57	.51
5	.74	.61	.51	.44	.72	.59	.51	.42	.57	.50	.44
6	.68	.54	.45	.39	.66	.54	.45	.37	.52	.44	.38
7	.63	.49	.40	.34	.62	.49	.40	.33	.47	.39	.34
8	.59	.45	.36	.30	.57	.44	.36	.29	.43	.35	.30
9	.55	.41	.33	.27	.54	.41	.33	.27	.39	.32	.27
10	.52	.38	.30	.25	.50	.38	.30	.24	.37	.29	.24

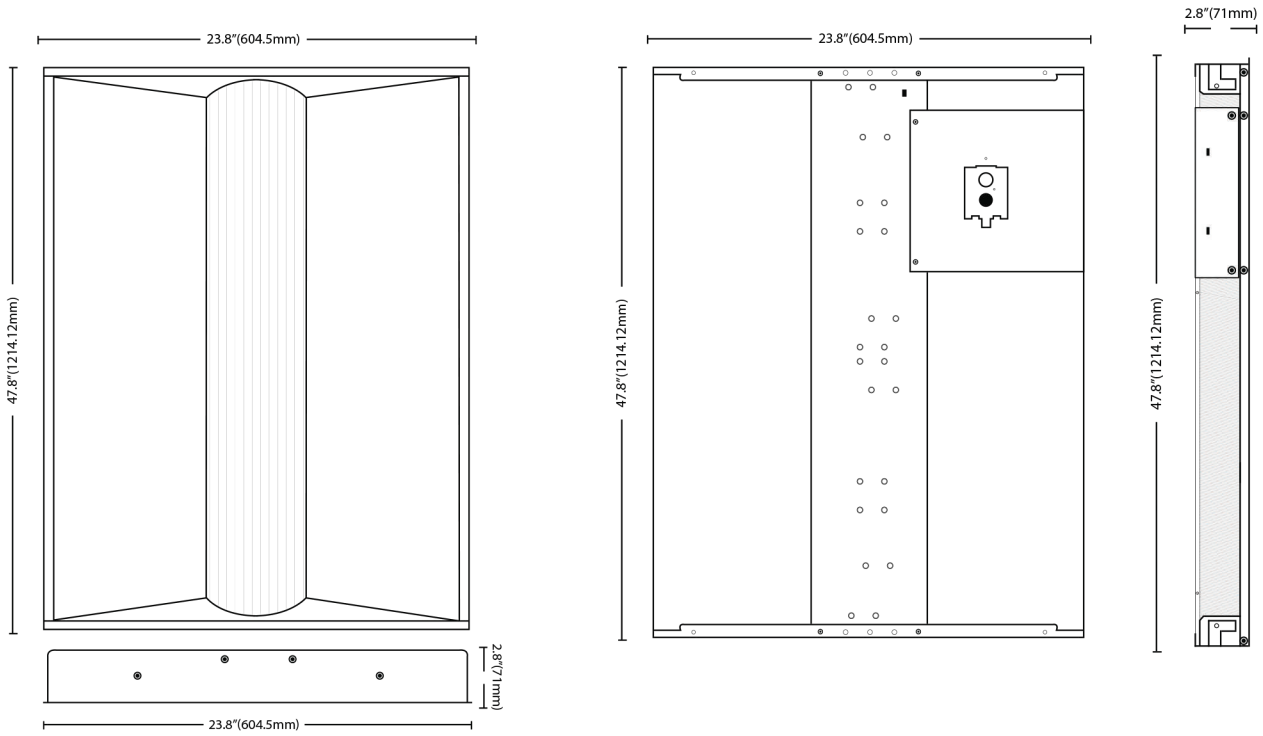
Zonal Lumen Summary

Zone	Lumens	%Lamp	%Luminaire
0-30	1,336.3	25.2%	25.2%
0-40	2,190.9	41.4%	41.4%
0-60	3,924.8	74.1%	74.1%
60-90	1,372.7	25.9%	25.9%
0-90	5,297.5	100%	100%

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DIMENSIONS

AL-PBLED24



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