

LED

FIXTURE PERFORMANCE DATA

SPECIFICATIONS

Housing/Reflector – Precision die-formed 22-gauge C.R.S.

Finish – Baked white enamel powder finish applied post production on all surfaces for smooth edges and safe handling.

Electrical – High quality mid-power LED boards. L85 >50,000 hours

Mounting – NEMA Type F plaster ceiling

Listings –

■ CSA certified as luminaire suitable for dry or damp locations.

■ cUL certified as luminaire suitable for dry or damp locations.

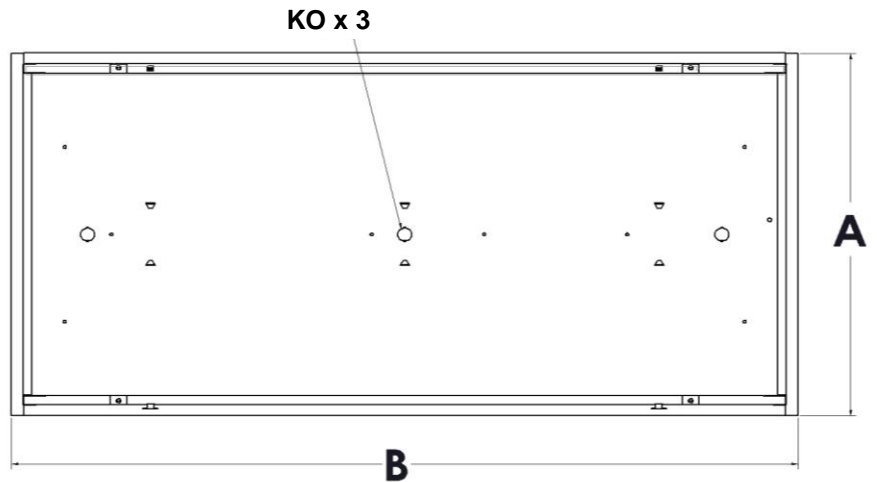
Warranty – 5-year limited warranty

LED PACKAGE	DELIVERED LUMENS	WATTAGE	EFFICACY (lm/W)
12" x 48"			
30	3,110	21	148
40	4,143	28	148
50	5,191	35	148
24" x 24"			
30	3,018	21	144
40	4,025	28	144
50	5,045	35	144
24" x 48"			
40	4,312	28	154
60	6,315	41	154
80	8,152	52	157

*Results based on 4000K, 80 CRI, Acrylic K12 (0.95")

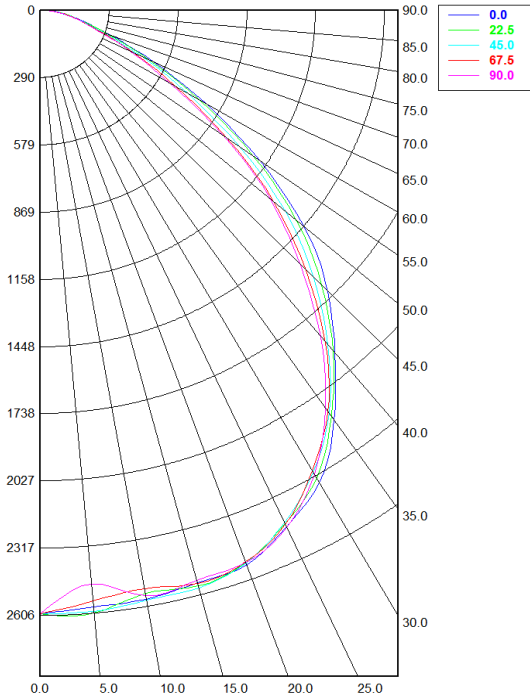
MULTIPLIER TABLE	
COLOR TEMPERATURE	
CCT/CRI	CONVERSION FACTOR
3000K / 80 CRI	0.95
3500K / 80 CRI	0.97
4000K / 80 CRI	1
5000K / 80 CRI	1.03

FIXTURE DETAILS



PHOTOMETRY

PRPL-24-LED-60-40-A0-MV Total Luminaire Output: 6315 lumens; 41 Watts



Candela Distribution

	0.00°	22.50°	45.00°	67.50°	90.00°
0.00°	2,598.48	2,598.48	2,598.48	2,598.48	2,598.48
5.00°	2,579.82	2,606.35	2,598.29	2,554.67	2,479.99
10.00°	2,574.69	2,550.01	2,581.11	2,528.68	2,561.21
15.00°	2,553.54	2,567.66	2,574.44	2,556.57	2,541.61
20.00°	2,540.87	2,529.43	2,532.54	2,527.10	2,531.82
25.00°	2,454.30	2,441.89	2,435.31	2,445.16	2,457.25
30.00°	2,352.58	2,327.89	2,298.37	2,291.37	2,309.85
35.00°	2,158.37	2,137.62	2,120.88	2,113.45	2,094.55
40.00°	1,931.62	1,920.95	1,883.69	1,867.80	1,836.26
45.00°	1,712.86	1,677.63	1,629.26	1,583.27	1,551.63
50.00°	1,454.51	1,411.84	1,349.45	1,282.24	1,263.80
55.00°	1,122.90	1,093.44	1,021.48	955.71	939.56
60.00°	804.43	773.43	719.66	659.21	629.40
65.00°	525.66	507.85	467.84	429.93	416.93
70.00°	317.11	305.84	281.46	261.78	256.35
75.00°	187.07	189.72	179.35	171.74	169.19
80.00°	116.41	117.08	111.23	109.14	105.52
85.00°	47.25	45.34	45.33	42.40	41.98
90.00°	8.40	7.51	6.93	6.59	7.05

Spacing Criterion:

Two luminaires, plane 0°	1.31
Two luminaires, plane 90°	1.29
Four luminaires	1.34

Zonal Lumen Summary

Zone	Lumens	% Fixture
0.00° - 10.00°	260.12	4.12%
10.00° - 20.00°	722.38	11.44%
20.00° - 30.00°	1,120.42	17.74%
30.00° - 40.00°	1,317.62	20.87%
40.00° - 50.00°	1,248.38	19.77%
50.00° - 60.00°	914.27	14.48%
60.00° - 70.00°	476.49	7.55%
70.00° - 80.00°	198.55	3.14%
80.00° - 90.00°	56.48	0.89%
90.00° - 100.00°	1.97	0.03%
100.00° - 110.00°	0.00	0.00%
110.00° - 120.00°	0.00	0.00%
120.00° - 130.00°	0.00	0.00%
130.00° - 140.00°	0.00	0.00%
140.00° - 150.00°	0.00	0.00%
150.00° - 160.00°	0.00	0.00%
160.00° - 170.00°	0.00	0.00%
170.00° - 180.00°	0.00	0.00%
0.00° - 90.00°	6,314.69	100.00%
90.00° - 180.00°	1.97	0.03%
0.00° - 180.00°	6,314.69	100.00%