

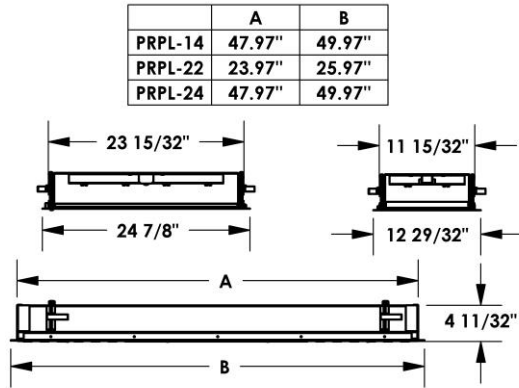
PROJECT:

NOTES:

ORDERING INFORMATION:

EXAMPLE PRPL - 22 - L - 30 - 9 - 40 - H1 - MV - D1
 SERIES NOM. LENGTH SOURCE LUMENS CRI KELVINS LENS VOLTAGE DRIVER

SHOP DRAWINGS



ORDERING INFORMATION

SERIES	KELVIN
PRPL	30 3000K
	35 3500K
	40 4000K
	50 5000K
	TW Tunable White

NOMINAL LENGTH	LENS
14 12"x 48"	A0 Acrylic K12 - 0.95"
22 24"x 24"	A1 Acrylic K12 - 0.125"
24 24"x 48"	H1 White Opal Acrylic - 0.125"
6X4F 6"x 48"	L1 Frosted Acrylic - 0.125"
6X8F 6"x 96"	

*Polycarbonate lens options offered on demand

SOURCE	
L	LED

FEATURES

- > Fully-enclosed cam latches for easy maintenance
- > T-slot hinge for positive retention when door is opened
- > Minimum 80 CRI; color range 3000K - 5000K available
- > Tunable White option available
- > Multiple dimming protocols available
- > Variety of lenses available for smooth and uniform illumination
- > Reinforcement ribs and rolled edge channel provide superior strength

LUMENS

VOLTAGE

Lumen Package	Nom. Lumens
12" x 48"	
30	3,000
40	4,000
60	6,000
24" x 24"	
30	3,000
40	4,000
60	6,000
24" x 48"	
40	4,000
60	6,000
80	8,000
100	10,000

MV	120-277V
347	347V

OPTIONS

EM	Emergency Powerpack
OS	Internal occupancy and daylight harvesting sensor (OSM3D-DDW)

DRIVERS

ND	Non-dimming applications
D	0-10V dimming
D1	0-10V dimming to 1%
DA	DALI driver

APPLICATIONS

- > Offices
- > Schools
- > Retail Stores
- > Commercial Applications

CRI

BLANK	80 CRI
9	90 CRI

*Other lumen packages available

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. L70 >72,000 hours reported / 129,200 hours calculated. L85 >50,000 hours.

Mounting – NEMA Type F plaster ceiling

Listings –

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

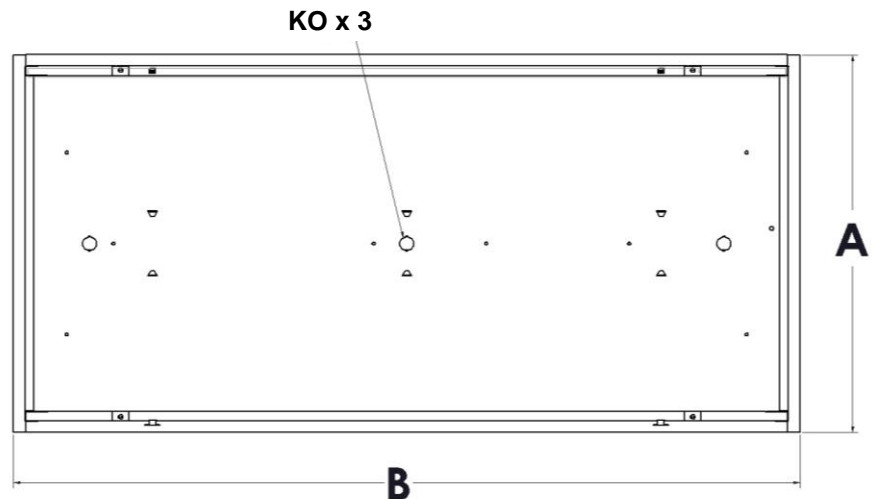
Warranty – 5-year limited warranty

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")

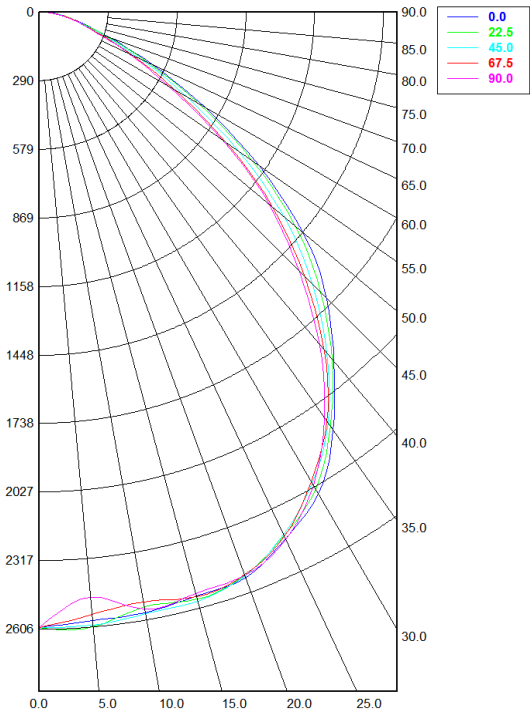
MULTIPLIER TABLE	
COLOR TEMPERATURE	
CCT/CRI	CONVERSION FACTOR
3000K / 80 CRI	0.95
3500K / 80 CRI	0.97
4000K / 80 CRI	1
5000K / 80 CRI	1.03

FIXTURE DETAILS



PHOTOMETRY

PRPL-24-L-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%