

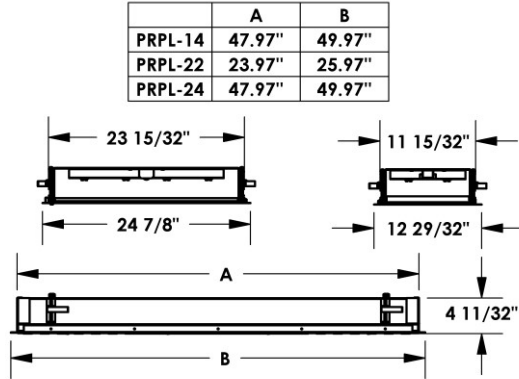
PROJECT:

NOTES:

ORDERING INFORMATION:

EXAMPLE PRPL - 22 - L - 30 - 40 - H1 - MV - CLE4 - DM1
 SERIES NOM. LENGTH SOURCE LUMENS KELVINS LENS VOLTAGE CONTROLS DRIVER

SHOP DRAWINGS



MADE IN CANADA
FAIT AU CANADA

ORDERING INFORMATION

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

NOMINAL LENGTH	
14	12"x 48"
22	24"x 24"
24	24"x 48"
6X4F	6"x 48"
6X8F	6"x 96"

SOURCE	
L	LED

LENS	
A0	Acrylic K12 - 0.95"
A1	Acrylic K12 - 0.125"
H1	White Opal Acrylic - 0.125"
L1	Frosted Acrylic - 0.125"

*Polycarbonate lens options offered on demand

FEATURES

- > Fully-enclosed cam latches for easy maintenance
- > T-slot hinge for positive retention when door is opened
- > Frosted prismatic lens ensures effective light diffusion without LED pixelation
- > 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
- > 100% made in Canada

LUMENS

Lumen Package	Nom. Lumens	Wattage
12"x 48"		
30	3,000	21
40	4,000	28
50	5,000	35
24"x 24"		
30	3,000	21
40	4,000	28
50	5,000	35
24"x 48"		
40	4,000	28
60	6,000	41
80	8,000	52

*Other lumen packages available

VOLTAGE

MV	120-277V
347	347V

OPTIONS

EM	Emergency Powerpack
AY	Gasketed Door

CONTROLS

Click on the following link for control options:
<https://bit.ly/2KzMuAx>

DRIVERS

BLANK	Non-dimming applications
DM1	0-10V dimming to 1%
DM10	0-10V dimming to 10%
DA	DALI driver

APPLICATIONS

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

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 –

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

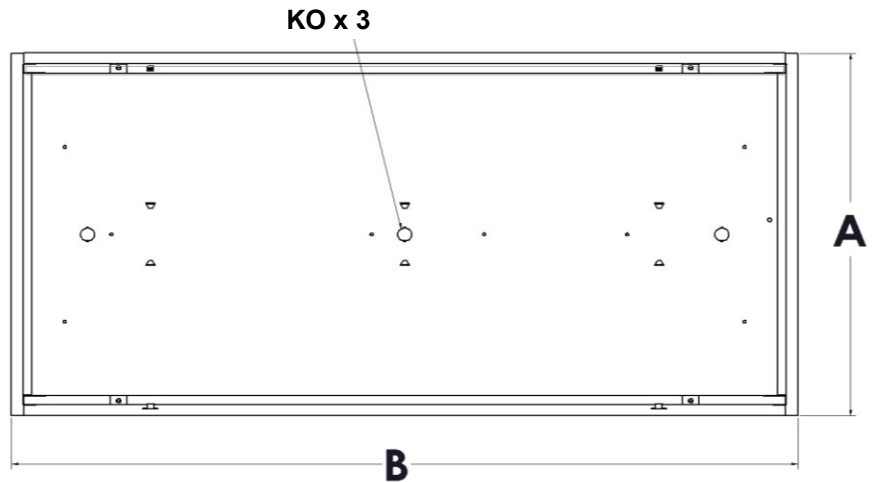
Warranty – 5-year limited warranty

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")

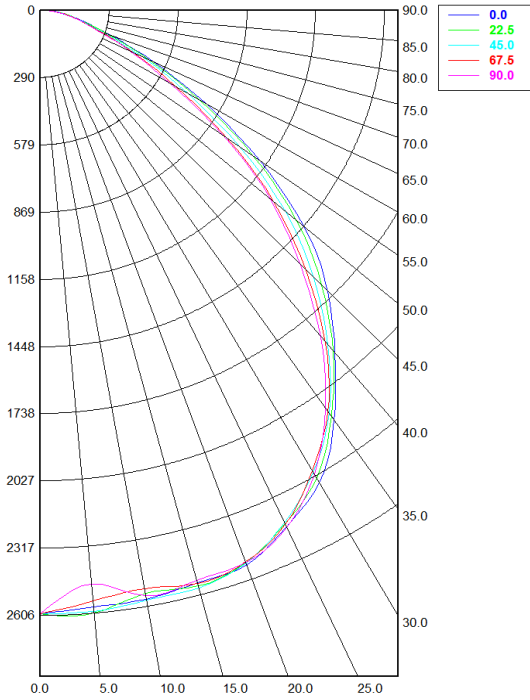
MULTIPLIER TABLE	
COLOR TEMPERATURE	
CCT/CRI	CONVERSION FACTOR
3000K / 80 CRI	0.95
3500K / 80 CRI	0.97
4000K / 80 CRI	1
5000K / 80 CRI	1.03

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%