

PROJECT:

NOTES:

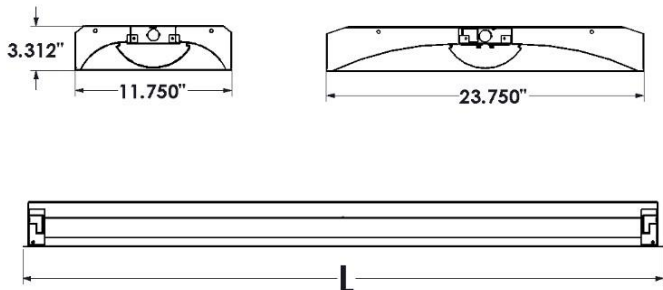
ORDERING INFORMATION:

EXAMPLE

PRTXL - 22 - L - 40 - 9 - 40 - MV - EM - D1

SERIES NOM. LENGTH SOURCE LUMENS CRI KELVINS VOLTAGE OPTIONS DRIVER

SHOP DRAWINGS



	L
PRTX-L-14	47.750"
PRTX-L-22	23.750"
PRTX-L-24	47.750"



ORDERING INFORMATION

SERIES
PRTXL

CRI
BLANK 80 CRI
9 90 CRI

NOMINAL LENGTH
14 12"x 48"
22 24"x 24"
24 24"x 48"
M Metric

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

SOURCE
L LED

VOLTAGE
MV 120-277V
347 347V

LUMENS

Lumen Package*	Nominal 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

OPTIONS
AH Air Handling
EM Emergency Power Pack
FK Flange Kit

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

FEATURES

- Premium grade, modern, stylish recessed direct / indirect troffer
- Delivers uniform and balanced illumination
- Features linear prismatic extruded acrylic diffuser for visual comfort and efficiency
- Indirect reflectors provide soft, low glare indirect illumination
- Minimum 80 CRI; color range 3000K - 5000K available
- Tunable White option available
- Multiple dimming protocols available

APPLICATIONS

- Offices
- Schools
- Retail stores
- Commercial

*Other lumen packages available

LED

FIXTURE PERFORMANCE DATA

SPECIFICATIONS

Housing – Precision die-formed 20-gauge C.R.S.

Reflector – Precision formed and contoured to provide soft, low-glare, indirect illumination

Shielding – Central acrylic ribbed lens

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 – T-Bar ceiling

Listings –

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

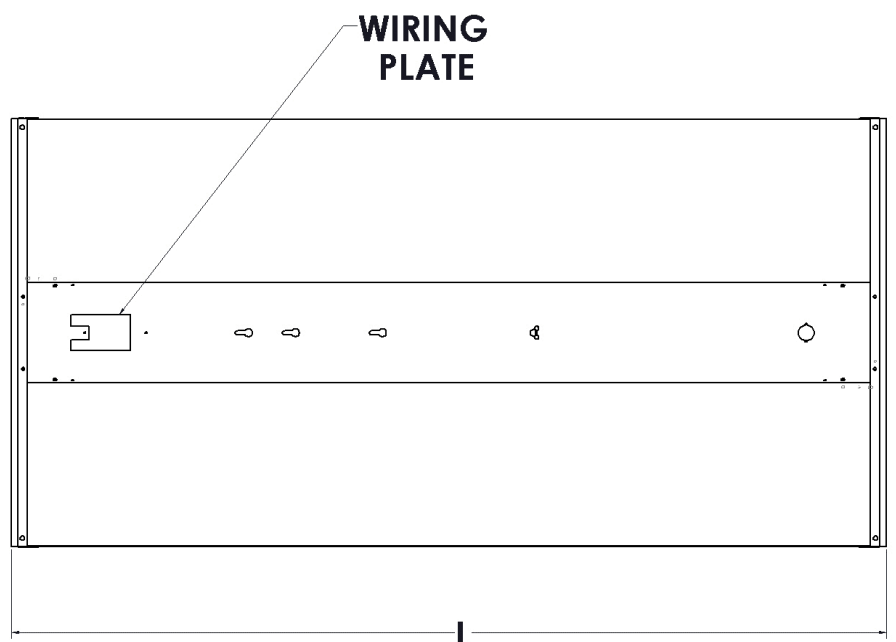
Warranty – 5-year limited warranty

LED PACKAGE	DELIVERED LUMENS	WATTAGE	EFFICACY (lm/W)
12" x 48"			
30	3,027	24	126
50	5,125	40	128
24" x 24"			
30	3,113	25	125
40	5,057	40	126
24" x 48"			
30	3,984	29	137
40	5,979	47	127

*Results based on 4000K, 80 CRI, Acrylic ribbed lens

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

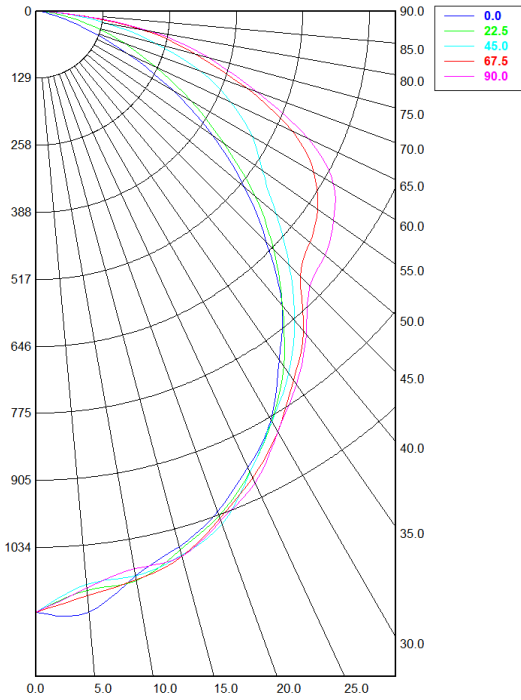
FIXTURE DETAILS



PHOTOMETRY

PRTXL-22-L-30-40-MV Total Luminaire Output: 3,113 lumens; 25 Watts

Candela Distribution



	0.00°	22.50°	45.00°	67.50°	90.00°
0.00°	1,158.58	1,158.58	1,158.58	1,158.58	1,158.58
5.00°	1,163.18	1,120.68	1,109.39	1,131.57	1,116.92
10.00°	1,105.62	1,115.69	1,106.19	1,113.45	1,092.05
15.00°	1,068.68	1,075.68	1,086.34	1,088.59	1,088.44
20.00°	1,026.68	1,035.11	1,052.15	1,040.66	1,045.22
25.00°	970.34	979.04	980.02	991.95	1,003.22
30.00°	911.12	914.08	914.78	936.64	937.93
35.00°	822.23	837.22	854.11	870.34	880.04
40.00°	742.79	743.97	780.31	807.30	814.46
45.00°	633.27	652.73	695.11	724.62	750.57
50.00°	525.86	551.50	608.38	693.52	731.80
55.00°	415.90	442.52	534.01	666.41	704.11
60.00°	304.50	345.05	482.35	622.24	666.15
65.00°	196.48	255.60	415.08	549.04	583.00
70.00°	106.32	181.25	340.14	432.18	455.21
75.00°	47.69	114.92	237.84	316.80	342.19
80.00°	19.99	60.40	142.35	210.59	227.46
85.00°	10.11	21.17	51.31	66.04	69.01
90.00°	2.86	2.62	1.69	1.09	0.89

Zonal Lumen Summary

Zone	Lumens	% Fixture
0.00° - 10.00°	113.45	3.64%
10.00° - 20.00°	303.88	9.76%
20.00° - 30.00°	452.04	14.52%
30.00° - 40.00°	531.64	17.07%
40.00° - 50.00°	535.13	17.19%
50.00° - 60.00°	492.39	15.81%
60.00° - 70.00°	394.18	12.66%
70.00° - 80.00°	230.14	7.39%
80.00° - 90.00°	61.05	1.96%
90.00° - 100.00°	0.50	0.02%
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°	3,113.89	100.00%
90.00° - 180.00°	0.50	0.02%
0.00° - 180.00°	3,113.89	100.00%

Spacing Criterion:

Two luminaires, plane 0°	1.17
Two luminaires, plane 90°	1.2
Four luminaires	1.31