

PROJECT:

NOTES:

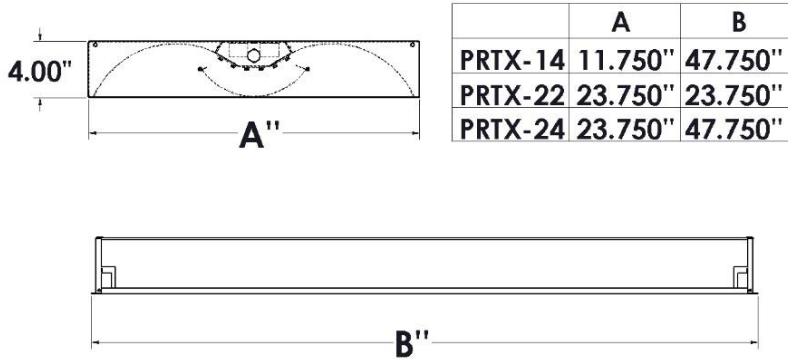
ORDERING INFORMATION:



PRTX - 22 - L - 30 - 9 - 40 - MV - EM - D1

SERIES NOM. LENGTH SOURCE LUMENS CRI KELVINS VOLTAGE OPTIONS DRIVER

SHOP DRAWINGS



ORDERING INFORMATION

SERIES

PRTX	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"
M	Metric

SOURCE

L	LED
---	-----

LUMENS

Lumen Package*	Nominal Lumens
12"x 48"	
30	3,000
50	5,000
24"x 24"	
30	3,000
50	5,000
24"x 48"	
40	4,000
60	6,000

*Other lumen packages available.

CRI

BLANK	80 CRI
9	90 CRI

FEATURES

- > Premium grade, modern, stylish recessed direct / indirect troffer
- > Features center perforated sheet metal basket
- > Provides low-glare direct and indirect light distribution for primary and ambient lighting
- > Ideal for applications requiring low glare and high visual comfort
- > Highly reflective white paint for superior efficiency
- > Minimum 80 CRI; color range 3000K - 5000K available
- > Tunable White option available
- > Multiple dimming protocols available

APPLICATIONS

- > Offices
- > Schools
- > Retail stores
- > Commercial

OPTIONS

EM	Emergency Power Pack
AH	Air Handling
FK	Flange Kit

DRIVERS

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

FIXTURE PERFORMANCE DATA

SPECIFICATIONS

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

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

Shielding – Central perforated basket

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 at maximum allowable output current. L85 >50,000 hours.

Mounting – T-Bar ceiling

Listings –

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

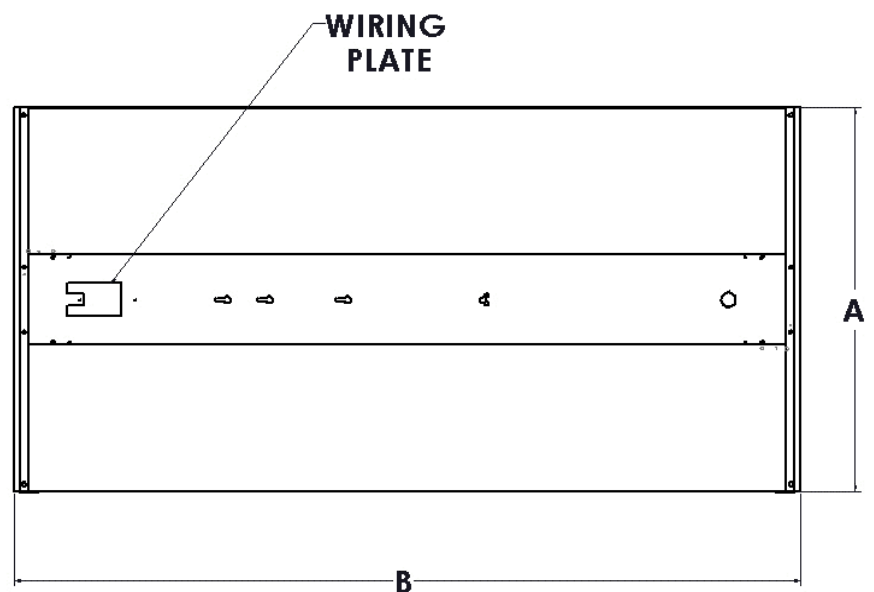
Warranty – 5-year limited warranty

LED PACKAGE	DELIVERED LUMENS	WATTAGE	EFFICACY (lm/W)
12" x 48"			
30	3,101	34	91
50	5,014	62	81
24" x 24"			
30	3,042	34	89
50	5,055	64	79
24" x 48"			
40	4,053	47	86
60	6,040	67	90

*Results based on 4000K, 80 CRI, perforated basket and white opal overlay lens

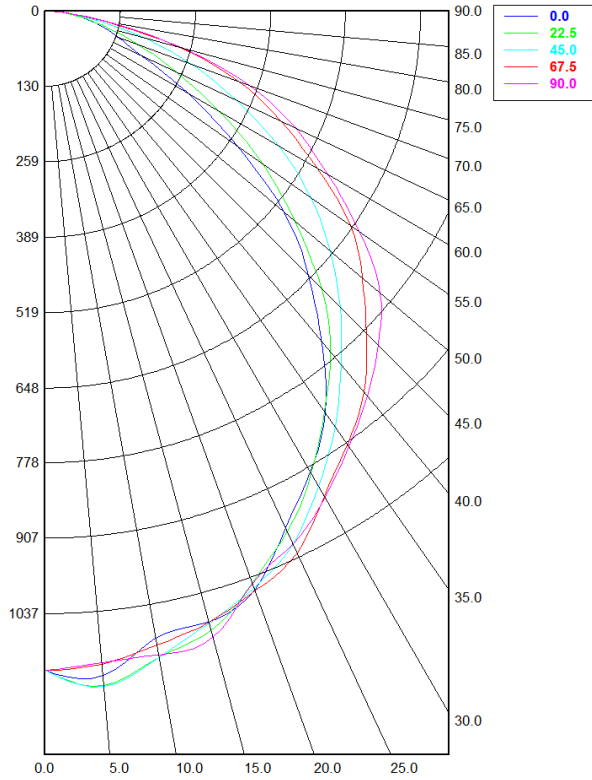
MULTIPLIER TABLE	
COLOR TEMPERATURE	
CCT/CRI	CONVERSION FACTOR
3000K / 80 CRI	0.95
3500K / 80 CRI	0.97
4000K / 80 CRI	1
5000K / 80 CRI	1.03

FIXTURE DETAILS



PHOTOMETRY

PRTX-22-L-30-40-MV Total Luminaire Output: 3,042 lumens; 34 Watts



Candela Distribution

	0.00°	22.50°	45.00°	67.50°	90.00°
0.00°	1,134.84	1,134.84	1,134.84	1,134.84	1,134.84
5.00°	1,147.83	1,164.79	1,166.72	1,128.21	1,125.45
10.00°	1,096.66	1,129.46	1,129.12	1,108.43	1,124.95
15.00°	1,088.32	1,104.39	1,091.27	1,089.41	1,116.61
20.00°	1,058.59	1,046.05	1,055.27	1,061.26	1,047.60
25.00°	981.15	988.02	1,012.06	1,028.82	1,011.80
30.00°	916.19	920.06	944.88	964.81	967.22
35.00°	844.30	841.43	874.19	911.06	915.05
40.00°	744.04	767.25	795.51	857.12	866.38
45.00°	643.41	676.29	720.58	785.03	813.27
50.00°	538.21	561.69	642.42	715.43	755.75
55.00°	403.24	457.54	560.68	644.17	664.15
60.00°	283.83	347.80	464.95	543.32	565.51
65.00°	185.31	249.98	362.74	447.66	476.02
70.00°	136.37	171.60	267.94	356.73	374.39
75.00°	100.41	109.83	175.36	233.92	242.98
80.00°	63.57	63.31	84.42	105.81	112.44
85.00°	27.77	26.04	25.00	27.32	24.57
90.00°	3.27	3.01	3.05	3.61	3.71

Zonal Lumen Summary

Zone	Lumens	% Fixture
0.00° - 10.00°	114.96	3.78%
10.00° - 20.00°	307.68	10.11%
20.00° - 30.00°	461.12	15.15%
30.00° - 40.00°	546.84	17.97%
40.00° - 50.00°	558.74	18.36%
50.00° - 60.00°	486.89	16.00%
60.00° - 70.00°	346.14	11.38%
70.00° - 80.00°	182.19	5.99%
80.00° - 90.00°	38.22	1.26%
90.00° - 100.00°	0.90	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°	3,042.78	100.00%
90.00° - 180.00°	0.90	0.03%
0.00° - 180.00°	3,042.78	100.00%

Spacing Criterion:

Two luminaires, plane 0°	1.2
Two luminaires, plane 90°	1.26
Four luminaires	1.33