

PROJECT:

NOTES:

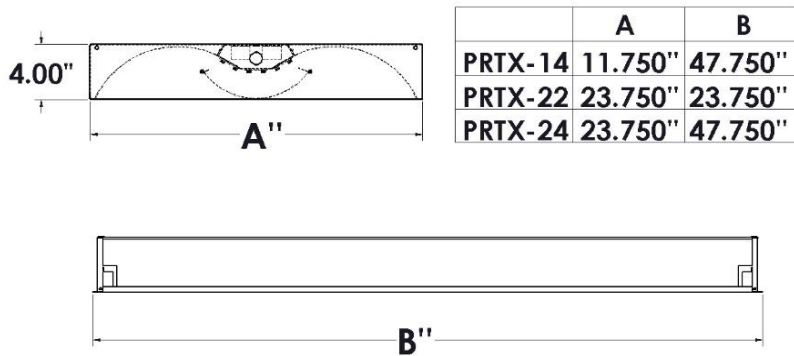
ORDERING INFORMATION:

EXAMPLE

PRTX - 22 - L - 30 - 9 - 40 - MV - EM - CL5 - DM

SERIES NOM. LENGTH SOURCE LUMENS CRI KELVINS VOLTAGE OPTIONS CONTROLS DRIVER

SHOP DRAWINGS



ORDERING INFORMATION

SERIES	
PRTX	

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

VOLTAGE	
MV	120-277V
347	347V

SOURCE	
L	LED

Lumen Package*	Nom. Lumens	Wattage
12"x 48"		
30	3,000	34
50	5,000	62
24"x 24"		
30	3,000	34
50	5,000	64
24"x 48"		
40	4,000	47
60	6,000	67

*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
- > 100% made in Canada

APPLICATIONS

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

OPTIONS

EM	Emergency Power Pack
AH	Air Handling
FK	Flange Kit

CONTROLS

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

DRIVER

BLANK	Non-dimming applications
DM	0-10V dimming
DA	DALI Driver

Click on the following link for special driver options:
<https://bit.ly/2FaZ6qU>

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. L85 >50,000 hours

Mounting – T-Bar ceiling

Listings –

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

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

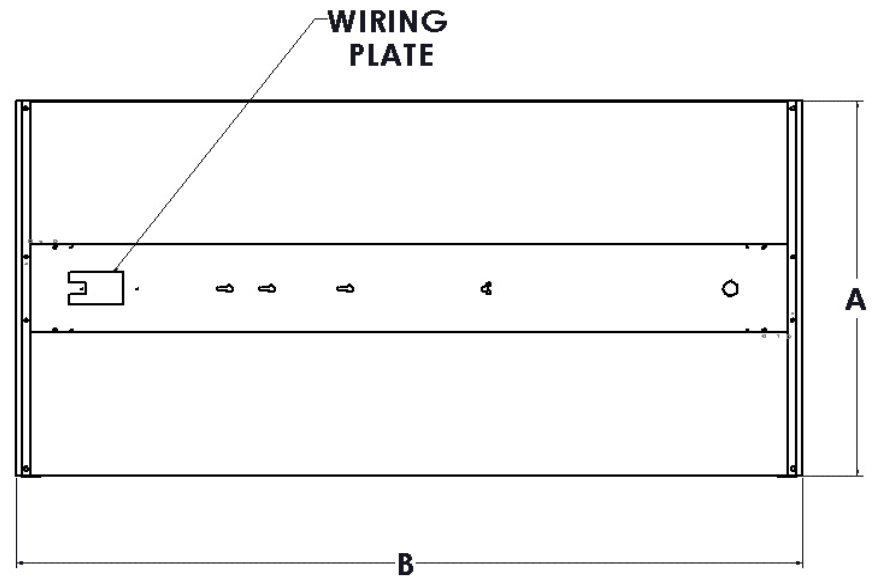
Warranty – 5-year limited warranty

LED PACKAGE	DELIVERED LUMENS	WATTAGE	EFFICACY (lm/W)
12" x 48"			
30	3,101	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

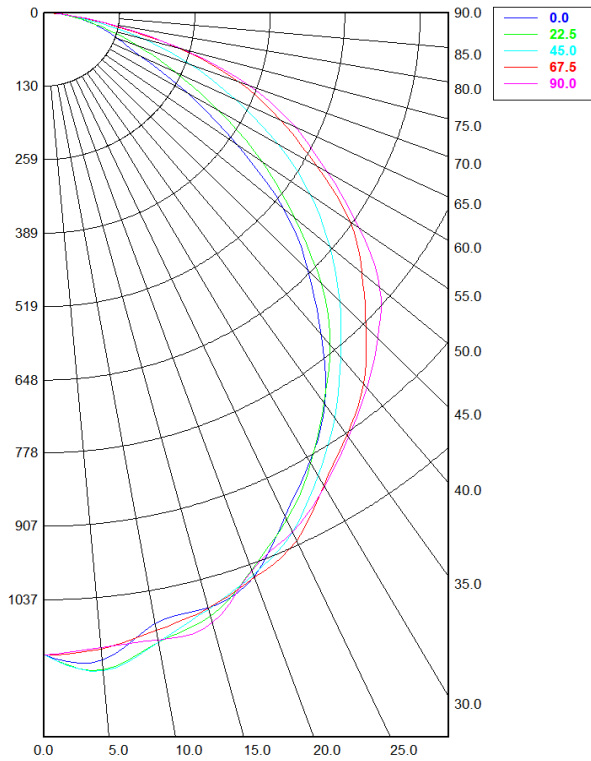
MULTIPLIER TABLE	
COLOR TEMPERATURE	
CCT/CRI	CONVERSION FACTOR
3000K / 80 CRI	0.95
3500K / 80 CRI	0.97
4000K / 80 CRI	1
5000K / 80 CRI	1.03

FIXTURE DETAILS



PHOTOMETRY

PRTX-22-LED-30-40-MVOLT 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