

PROJECT:

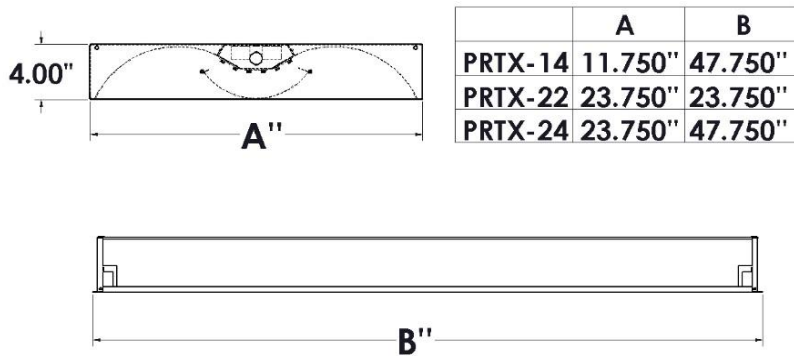
NOTES:

ORDERING INFORMATION:

EXAMPLE

PRTX - 22 - LED - 30 - 9 - 40 - MV - EM - CL5 - DM
 SERIES NOM. LENGTH SOURCE LUMENS CRI KELVINS VOLTAGE OPTIONS CONTROLS DRIVER

SHOP DRAWINGS



ORDERING INFORMATION

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

NOMINAL LENGTH	VOLTAGE
14 12"x 48"	MV 120-277V
22 24"x 24"	347 347V
24 24"x 48"	
M Metric	

SOURCE	OPTIONS
LED	EM Emergency Power Pack
	AH Air Handling
	FK Flange Kit

LUMENS

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	DRIVER
BLANK 80 CRI	BLANK Non-dimming applications
9 90 CRI	DM 0-10V dimming
	DA DALI Driver

CONTROLS

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

DRIVER

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

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

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.

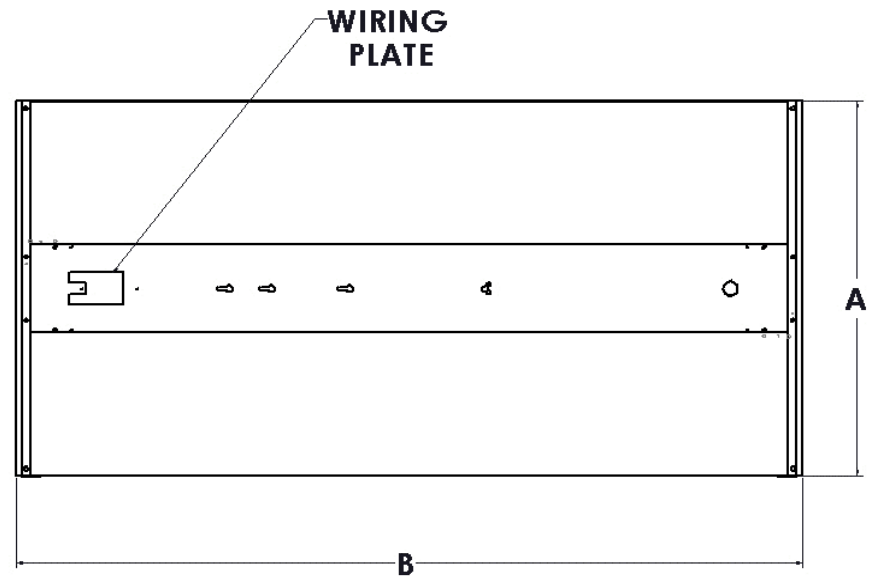
Warranty – 5-year limited warranty

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

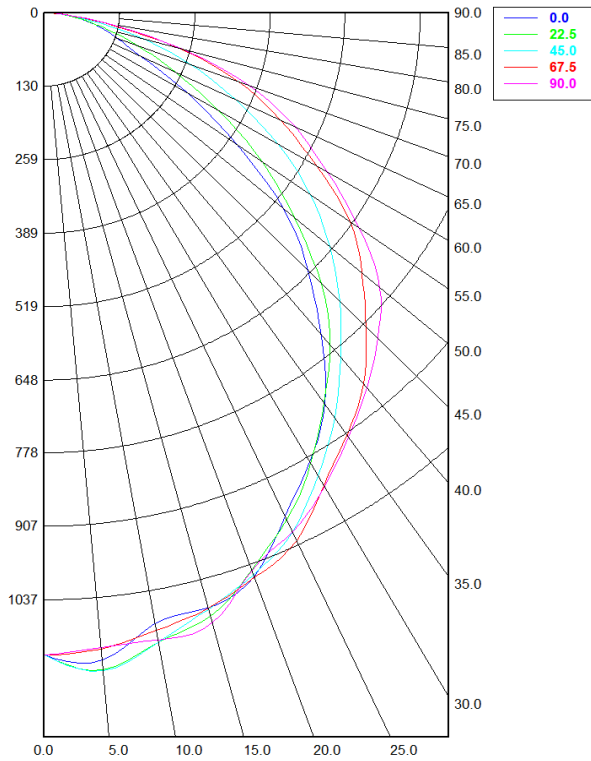
MULTIPLIER TABLE	
COLOR TEMPERATURE	
CCT/CRI	CONVERSION FACTOR
3000K / 80 CRI	0.95
3500K / 80 CRI	0.97
4000K / 80 CRI	1
5000K / 80 CRI	1.03

FIXTURE DETAILS



PHOTOMETRY

PRTX-22-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