

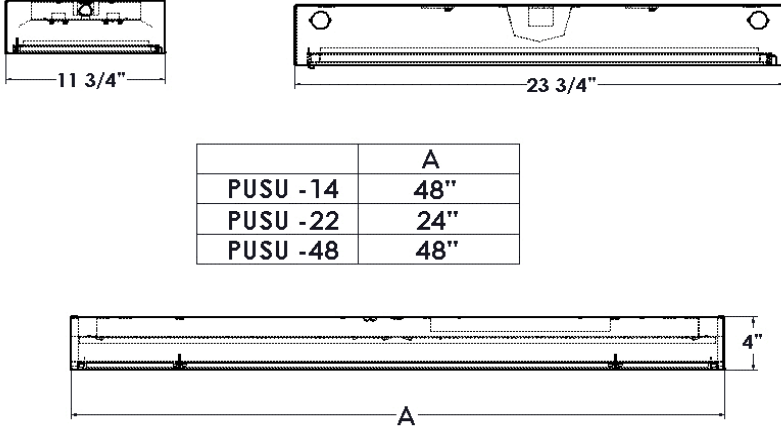
PROJECT:

NOTES:

ORDERING INFORMATION:

EXAMPLE PUSU - 24 - LED - 40 - 40 - S2 - L1 - MV - DM1
 SERIES NOM. LENGTH SOURCE LUMENS KELVINS DOOR DIFFUSER VOLTAGE DRIVER

SHOP DRAWINGS



ORDERING INFORMATION

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

NOMINAL LENGTH		DOORS	
14	12"x 48"	00	None
22	24"x 24"	S2	Flush Steel Door, T-Hinged and latch
24	24"x 48"		

SOURCE	
LED	

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	27
60	6,000	41
80	8,000	52

Nominal lumen output based on 4000 CCT.
 May vary +/-5%. See fixture performance data.

*Other lumen packages available.
 Specify in increments of 100 nominal lumens.
 For example, to specify 4,700 nominal lumens:
 PUSU - [...] - 47 - [...]

DIFFUSERS	
00	None
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

VOLTAGE	
MV	120-277V
347	347V

OPTIONS	
OCC	Occupancy Sensor
EM	Emergency Powerpack

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

FEATURES

- > Specification grade surface mounted LED luminaire featuring low profile design and single edge to edge lens
- > Flush steel door with T-hinge for positive retention when opened
- > Variety of lenses available for smooth and uniform illumination
- > Minimum 80 CRI; color range 3000K - 5000K available
- > Tunable White option available
- > Multiple dimming protocols available
- > Efficacies up to 145 lm/W
- > 100% made in Canada

APPLICATIONS

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

LED

FIXTURE PERFORMANCE DATA

SPECIFICATIONS

Housing – Precision die-formed C.R.S. housing

Door – Standard flush steel door with T-hinge is secured with latch.

Diffuser – Variety of diffusers available for smooth and uniform illumination

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 >50,000 hours

Mounting – Surface mounted

Listings –

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

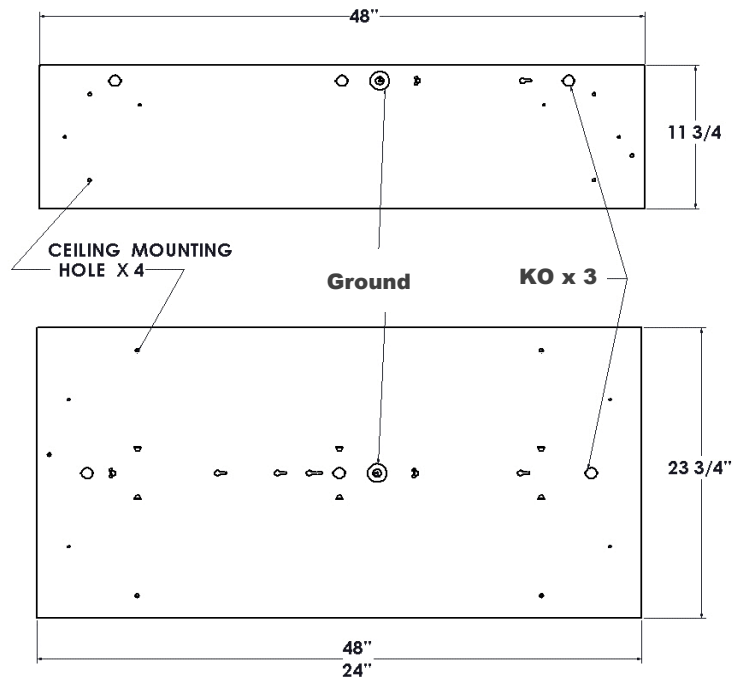
Warranty – 5-year limited warranty

LED PACKAGE	DELIVERED LUMENS	WATTAGE	EFFICACY (lm/W)
12" x 48"			
30	3,109	21	148
40	4,142	28	148
50	5,190	35	148
24" x 24"			
30	3,018	21	144
40	4,025	28	144
50	5,044	35	144
24" x 48"			
40	4,312	27	160
60	6,458	41	158
80	8,152	52	157

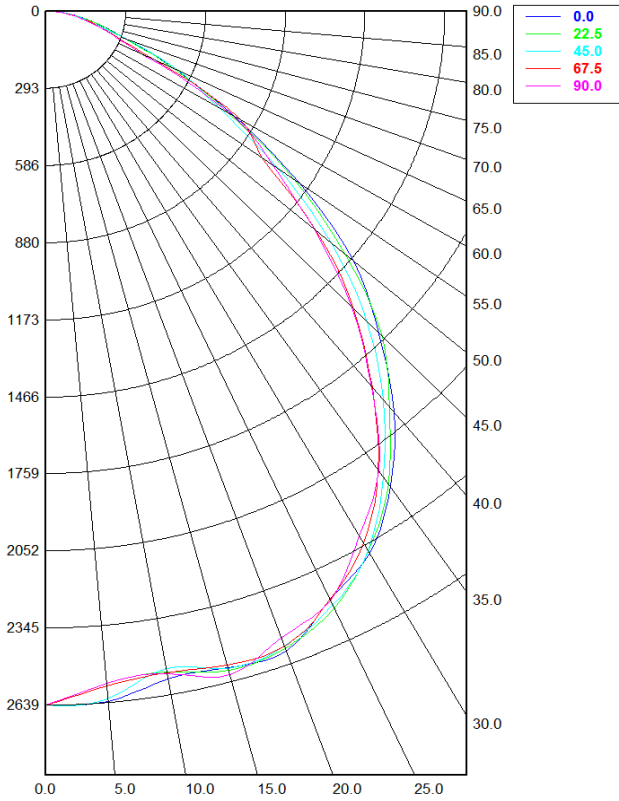
*Results based on 4000K, 80 CRI, Acrylic K12 - 0.95" (standard)

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



Candela Distribution

	0.00°	22.50°	45.00°	67.50°	90.00°
0.00°	2,638.59	2,638.59	2,638.59	2,638.59	2,638.59
5.00°	2,633.59	2,565.99	2,623.94	2,575.37	2,566.84
10.00°	2,579.92	2,551.01	2,537.87	2,555.63	2,556.69
15.00°	2,583.38	2,594.96	2,586.41	2,572.80	2,611.06
20.00°	2,585.56	2,575.29	2,566.99	2,567.38	2,533.84
25.00°	2,471.07	2,507.36	2,494.68	2,472.53	2,474.41
30.00°	2,381.29	2,372.00	2,370.22	2,336.76	2,305.47
35.00°	2,206.96	2,195.27	2,163.72	2,131.18	2,133.76
40.00°	1,992.21	1,965.90	1,931.36	1,866.74	1,861.96
45.00°	1,732.64	1,748.03	1,671.60	1,601.18	1,592.95
50.00°	1,478.80	1,439.34	1,371.66	1,298.63	1,282.92
55.00°	1,133.00	1,109.00	1,032.38	969.57	1,011.49
60.00°	796.89	776.88	728.66	819.73	785.50
65.00°	524.39	518.37	540.39	446.47	404.45
70.00°	326.77	317.74	313.94	258.96	255.32
75.00°	203.01	211.85	180.09	172.80	165.34
80.00°	118.73	123.04	113.05	106.23	104.34
85.00°	43.43	46.31	45.11	42.33	41.90
90.00°	7.83	9.35	9.53	9.29	8.72

Spacing Criterion:

Two luminaires, plane 0°	1.31
Two luminaires, plane 90°	1.27
Four luminaires	1.34

Zonal Lumen Summary

Zone	Lumens	% Fixture
0.00° - 10.00°	261.09	4.04%
10.00° - 20.00°	729.30	11.29%
20.00° - 30.00°	1,139.53	17.65%
30.00° - 40.00°	1,342.24	20.78%
40.00° - 50.00°	1,274.54	19.74%
50.00° - 60.00°	942.67	14.60%
60.00° - 70.00°	505.63	7.83%
70.00° - 80.00°	205.84	3.19%
80.00° - 90.00°	57.21	0.89%
90.00° - 100.00°	2.50	0.04%
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°	6,458.05	100.00%
90.00° - 180.00°	2.50	0.04%
0.00° - 180.00°	6,458.05	100.00%

