

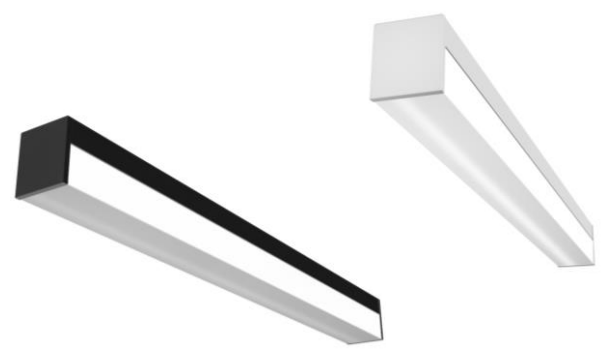
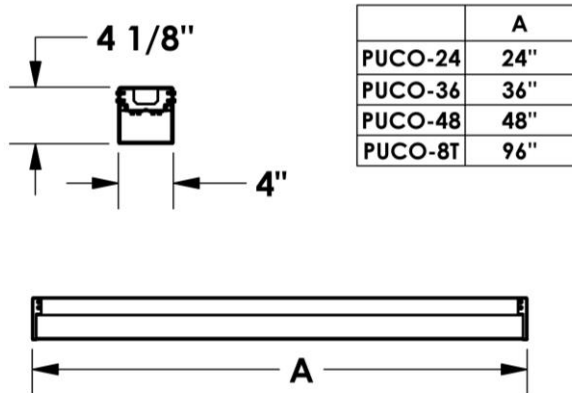
PROJECT:

NOTES:

ORDERING INFORMATION:

EXAMPLE PUCO - 48 - LED - 50 - 9 - 40 - MV - BK - EM - CL3 - DM
 SERIES NOM. LENGTH SOURCE LUMENS CRI KELVINS VOLTAGE FINISH OPTIONS CONTROLS DRIVER

SHOP DRAWINGS



ORDERING INFORMATION

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

NOMINAL LENGTH	
24	24"
36	36"
48	48"
8T	96" Tandem

VOLTAGE	
MV	120-277V
347	347V

SOURCE
LED

Lumen Package	Nom. Lumens	Wattage
24"		
30	3,000	23
36"		
40	4,000	40
48"		
30	3,000	27
50	5,000	35
96"		
80	8,000	72
120	12,000	102

*Other lumen packages available.

CRI	
BLANK	80 CRI
9	90 CRI

OPTIONS	
AC#	Suspension Aircraft Cable #ft
BC#	Black Cab Tire Wire #ft
WC#	White Cab Tire Wire #ft
EM	Emergency Power Pack

FINISH	
BLANK	White Housing
BK	Texture Matte Black Housing

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

DRIVER
 BLANK Non-dimming applications
 DM 0-10V dimming
 DA DALI Driver
 Click on the following link for special driver options:
<https://bit.ly/2FqZ6aU>

FEATURES

- > Premium wall/ceiling mounted luminaire for low glare applications
- > Thin profile allows for discreet placement in coves and confined spaces
- > Extruded square lens for clean architectural look
- > Spring loaded ends for ease of lens removal and retention
- > Row mounting produces continuous illumination with minimal gaps between luminaires
- > Variety of lenses available for smooth and uniform illumination
- > Mounting accessories available for surface or suspended mounting
- > Minimum 80 CRI; color range 3000K - 5000K available
- > Tunable White option available
- > 100% made in Canada

APPLICATIONS

- > Stairwells
- > Corridors
- > Retail applications
- > Commercial applications
- > Healthcare facilities
- > Nursing homes
- > Vanities

LED

FIXTURE PERFORMANCE DATA

SPECIFICATIONS

Housing/Reflector – Precision die-formed 22-gauge C.R.S.

Shielding – Variety of lenses available

Finish – Baked 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 – Suspended or Surface

Listings –

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

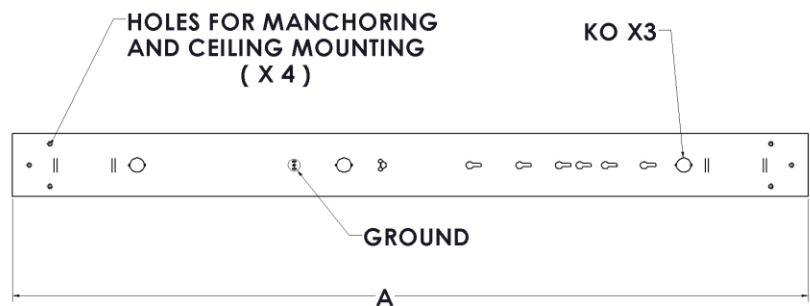
Warranty – 5-year limited warranty

LED PACKAGE	DELIVERED LUMENS	WATTAGE	EFFICACY (lm/W)
24"			
30	2,937	23	128
36"			
40	3,937	40	98
48"			
30	3,017	27	112
50	4,965	43	115
96"			
80	8,493	72	118
120	12,133	102	119

*Results based on 4000K, 80 CRI, Lens H0

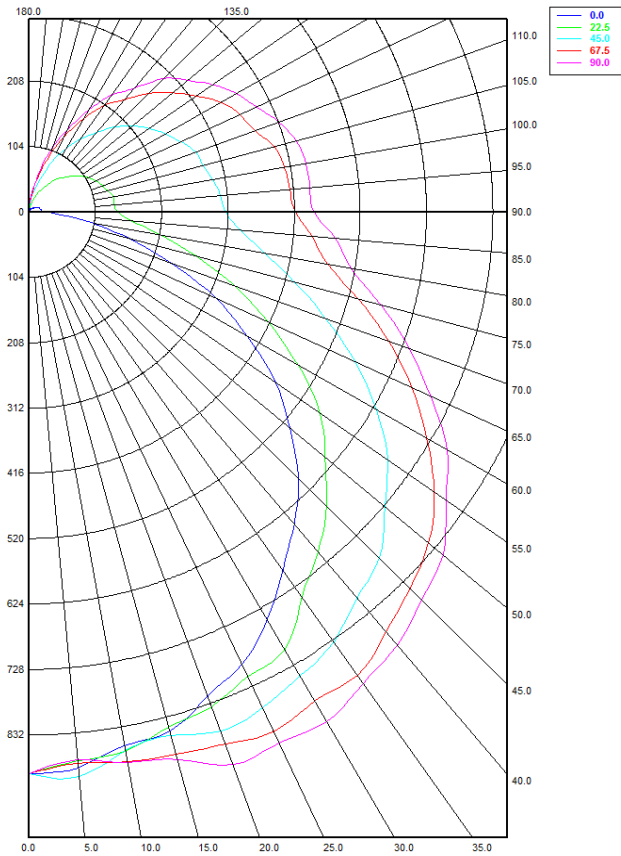
MULTIPLIER TABLE	
COLOR TEMPERATURE	
CCT/CRI	CONVERSION FACTOR
3000K / 80 CRI	0.95
3500K / 80 CRI	0.97
4000K / 80 CRI	1
5000K / 80 CRI	1.03

FIXTURE DETAILS



PHOTOMETRY

PUCO-48-LED-50-40-H0-MV Total Luminaire Output: 4,965 lumens; 43 Watts



Candela Table

	0°	22.5°	45°	67.5°	90°
0°	892.94	892.94	892.94	892.94	892.94
5°	887.11	876.62	901.6	880.26	875.03
10°	861.98	870.73	869.8	888.01	888.97
15°	854.91	848.05	862.24	893.01	901.35
20°	819.57	836.92	878.75	901.05	935.64
25°	792.48	815.04	869.19	910.7	930.85
30°	747.95	802.92	851.38	897.84	935.81
35°	694.24	746.91	835.22	899.42	915.23
40°	646.69	706.12	801.88	872.6	900.02
45°	596.24	660.75	778.48	846.04	872.68
50°	533	607.36	729.81	818.98	848.35
55°	472.23	558.87	687.54	776.88	799.39
60°	394.78	486.63	629.74	720.81	757.95
65°	322.78	413.92	565.93	663.95	695.85
70°	237.63	342.29	496.94	601.06	636.32
75°	162.79	270.12	431.37	535.53	572.1
80°	99.24	208.66	375.28	476.76	514
85°	50.98	161	332.61	445.77	483.02
90°	23.87	140.3	308.23	417.1	446.99

Luminaire Spacing Criterion (spacing to mounting height ratio)

- Two luminaires, plane 0° 1.24
- Two luminaires, plane 90° 1.55
- Four luminaires 1.57

Zonal Lumen Summary

Zone	Lumens	% Lamp	% Fixture
0° - 30°	734.7	3,849.57%	14.8%
0° - 40°	1,248.18	6,540.02%	25.14%
0° - 60°	2,420.24	12,681.2%	48.75%
0° - 90°	3,709.62	19,437%	74.71%
90° - 120°	802.75	4,206.09%	16.17%
90° - 150°	1,204.36	6,310.4%	24.26%
90° - 180°	1,255.43	6,577.99%	25.29%
0° - 180°	4,965.05	26,015.1%	100%

