

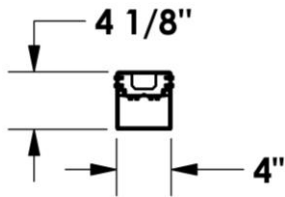
PROJECT:

NOTES:

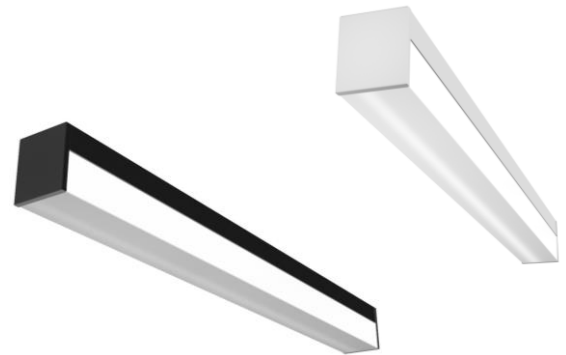
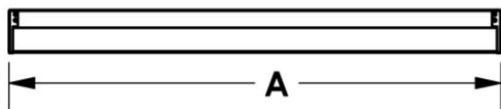
ORDERING INFORMATION:

**EXAMPLE** PUCO - 4F - 60 - 9 - 40 - MV - BK - EM - D1  
SERIES NOM. LENGTH LUMENS CRI KELVINS VOLTAGE FINISH OPTIONS DRIVER

SHOP DRAWINGS



	A
PUCO-24	24"
PUCO-36	36"
PUCO-48	48"
PUCO-8T	96"



ORDERING INFORMATION

SERIES		KELVIN	
PUCO	No Sensor	30	3000K
PUCQ	With Occupancy Sensor	35	3500K
		40	4000K
		50	5000K
		TW	Tunable White
NOMINAL LENGTH		VOLTAGE	
2F	24"	MV	120-277V
3F	36"	347	347V
4F	48"		
8T	96" Tandem		

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
- > White opal acrylic lens
- > Mounting accessories available for surface or suspended mounting
- > Minimum 80 CRI; color range 3000K - 5000K available
- > Tunable White option available

LUMENS

Lumen Package	Nominal Lumens
<b>2F</b>	
20	2,000
30	3,000
<b>3F</b>	
30	3,000
40	4,000
<b>4F</b>	
40	4,000
60	6,000
80	8,000
<b>8T</b>	
80	8,000
100	10,000
120	12,000
160	14,000

\*Other lumen packages available.

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
MW	Texture Matte White Housing

DRIVERS

ND	Non-dimming applications
D	0-10V dimming
DA	DALI driver

APPLICATIONS

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

CRI

BLANK	80 CRI
9	90 CRI



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. L70 >72,000 hours reported / 129,200 hours calculated at maximum allowable output current. L85 >50,000 hours.

**Mounting** – Suspended or Surface

Listings –

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

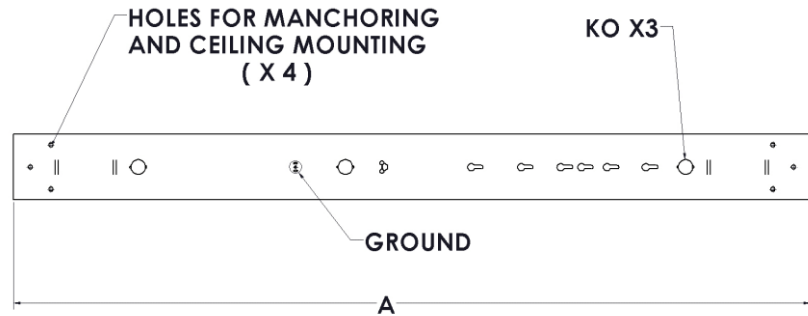
**Warranty** – 5-year limited warranty

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

\*Results based on 4000K, 80 CRI

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

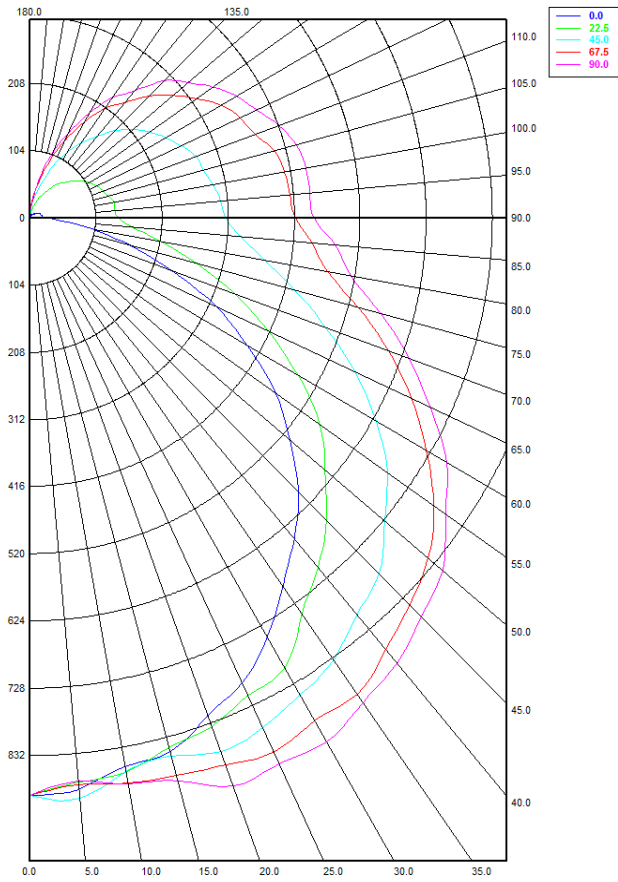
FIXTURE DETAILS





PHOTOMETRY

PUCO-4F-50-40-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%

