

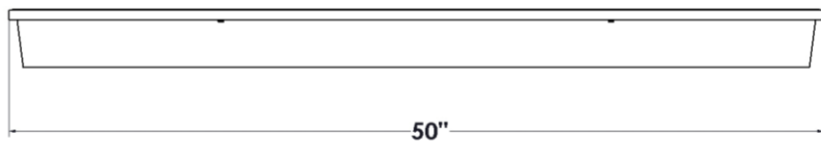
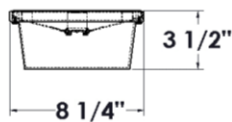
PROJECT:

NOTES:

ORDERING INFORMATION:

EXAMPLE PUVA - 50 - L - 80 - 40 - MV - EM - D
 SERIES NOM. LENGTH SOURCE LUMENS KELVINS VOLTAGE OPTIONS DRIVER

SHOP DRAWINGS



ORDERING INFORMATION

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

SOURCE	VOLTAGE
L LED	MV 120-277V 347 347V

LUMENS	Nominal Lumens
	50"
40	4,000
55	5,500
70	7,000

*Other lumen packages available.

CRI	
BLANK	80 CRI
9	90 CRI

OPTIONS	
AY	Gasketed
EM	Emergency Power Pack

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

FEATURES

- > Specification-grade robust LED luminaire for anti-vandal and maximum security applications
- > Injection-molded UV stabilized polycarbonate wraparound lens
- > Lens features integral center stiffening rib to enhance structural strength and protect against impact
- > One-piece 16 gauge CRS backplate
- > Optional continuous neoprene gasketing for damp or dusty locations
- > Minimum 80 CRI; color range 3000K - 5000K available
- > Multiple dimming protocols available

APPLICATIONS

- > Prison cells
- > Correctional facilities
- > Corridors
- > Locker rooms
- > Public areas
- > Schools

LED

FIXTURE PERFORMANCE DATA

SPECIFICATIONS

Backplate – One piece precision die-formed 16-gauge C.R.S. backplate

Lens – One-piece injection-molded, 1/8" thick, UV stabilized multi-pattern polycarbonate wraparound lens with integral center stiffening rib fastened to backplate with stainless steel TORX tamper proof screws

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 mount - wall or ceiling

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

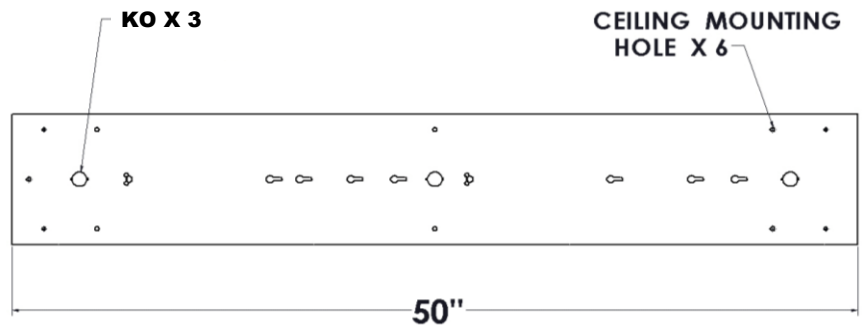
Warranty – 5-year limited warranty

LED PACKAGE	DELIVERED LUMENS	WATTAGE	EFFICACY (lm/W)
50"			
40	4,090	31	132
55	5,496	45	122
70	6,978	56	125

*Results based on 4000K, 80 CRI

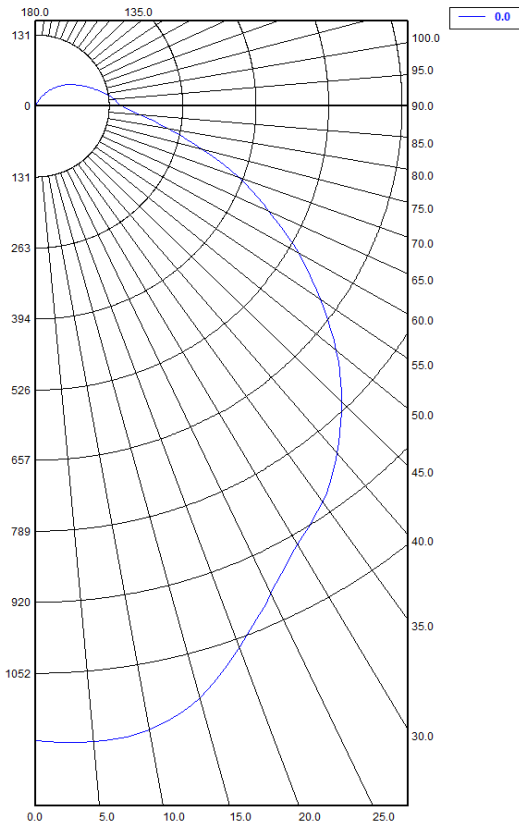
MULTIPLIER TABLE	
COLOR TEMPERATURE	
CCT/CRI	CONVERSION FACTOR
3000K / 80 CRI	0.95
3500K / 80 CRI	0.97
4000K / 80 CRI	1
5000K / 80 CRI	1.03

FIXTURE DETAILS



PHOTOMETRY

PUVA-50-L-40-40-MV Total Luminaire Output: 4,090 lumens; 47 Watts



Candela Distribution

	0.00°
0.00°	1,175.51
5.00°	1,183.03
10.00°	1,173.74
15.00°	1,135.09
20.00°	1,066.90
25.00°	998.37
30.00°	939.48
35.00°	897.73
40.00°	841.73
45.00°	776.76
50.00°	704.76
55.00°	623.53
60.00°	545.31
65.00°	462.20
70.00°	387.02
75.00°	307.17
80.00°	239.51
85.00°	188.00
90.00°	154.55
95.00°	141.01
100.00°	126.67
105.00°	113.05
110.00°	100.90
115.00°	89.46
120.00°	78.73
125.00°	69.21
130.00°	57.46
135.00°	47.96
140.00°	36.84
145.00°	27.01
150.00°	17.26
155.00°	9.64
160.00°	3.80
165.00°	2.20
170.00°	2.10
175.00°	1.93
180.00°	1.58

Zonal Lumen Summary

Zone	Lumens	% Fixture
0.00° - 10.00°	119.41	2.92%
10.00° - 20.00°	316.90	7.75%
20.00° - 30.00°	460.03	11.25%
30.00° - 40.00°	559.27	13.67%
40.00° - 50.00°	597.31	14.60%
50.00° - 60.00°	557.36	13.63%
60.00° - 70.00°	458.71	11.21%
70.00° - 80.00°	326.95	7.99%
80.00° - 90.00°	209.66	5.13%
90.00° - 100.00°	153.54	3.75%
100.00° - 110.00°	120.03	2.93%
110.00° - 120.00°	89.11	2.18%
120.00° - 130.00°	61.82	1.51%
130.00° - 140.00°	37.14	0.91%
140.00° - 150.00°	17.35	0.42%
150.00° - 160.00°	4.95	0.12%
160.00° - 170.00°	0.77	0.02%
170.00° - 180.00°	0.20	0.00%
0.00° - 90.00°	3,605.61	88.15%
90.00° - 180.00°	484.92	11.85%
0.00° - 180.00°	4,090.53	100.00%

Spacing Criterion:

Two luminaires, plane 0°	1.19
Two luminaires, plane 90°	1.19
Four luminaires	1.37