

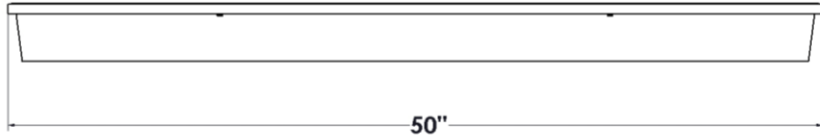
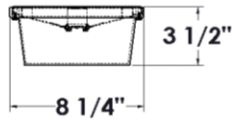
PROJECT:

NOTES:

ORDERING INFORMATION:

**EXAMPLE** PUVA - 50 - L - 80 - 40 - MV - G - CLE4 - DM  
 SERIES      NOM. LENGTH      SOURCE      LUMENS      KELVINS      VOLTAGE      OPTIONS      CONTROLS      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	OPTIONS															
<table border="1"> <thead> <tr> <th>Lumen Package*</th> <th>Nom. Lumens</th> <th>Wattage</th> </tr> </thead> <tbody> <tr> <td colspan="3" style="text-align:center">50"</td> </tr> <tr> <td>40</td> <td>4,000</td> <td>31</td> </tr> <tr> <td>55</td> <td>5,500</td> <td>45</td> </tr> <tr> <td>70</td> <td>7,000</td> <td>56</td> </tr> </tbody> </table>	Lumen Package*	Nom. Lumens	Wattage	50"			40	4,000	31	55	5,500	45	70	7,000	56	G      Gasketed EM    Emergency Power Pack
	Lumen Package*	Nom. Lumens	Wattage													
50"																
40	4,000	31														
55	5,500	45														
70	7,000	56														

**CONTROLS**  
 BLANK None  
 Click on the following link for control options:  
<https://bit.ly/2C5IXqa>

CRI	DRIVERS
BLANK    80 CRI 9          90 CRI	BLANK    None DM        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
- › Energy-saving occupancy sensor option available
- › Efficacies up to 132 lm/W
- › 100% made in Canada

**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.

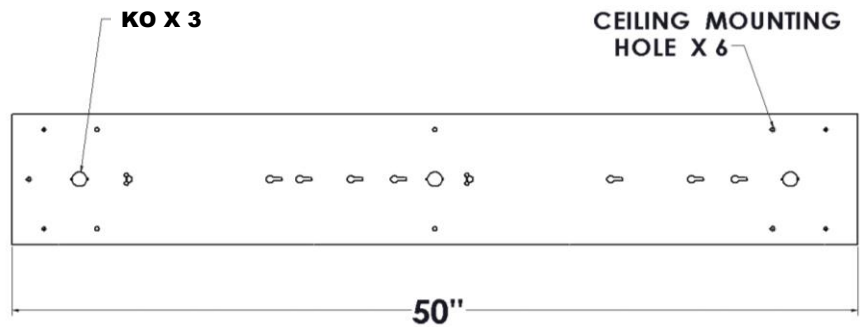
**Warranty** – 5-year limited warranty

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

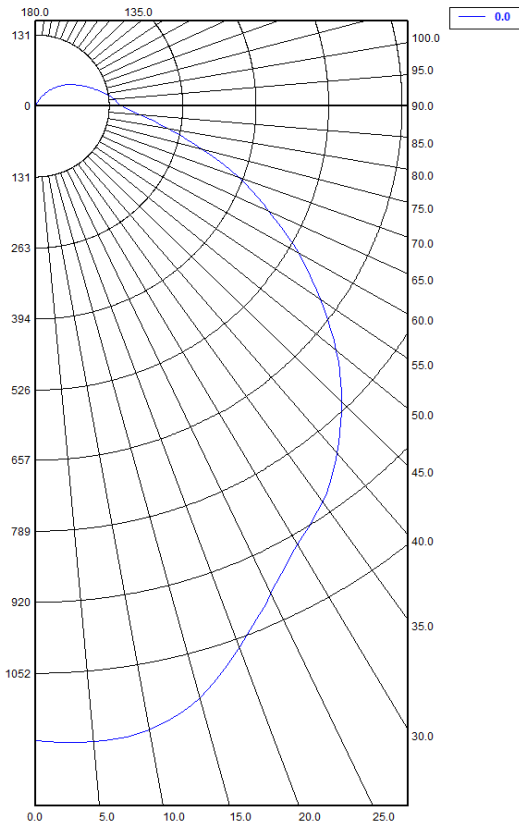
MULTIPLIER TABLE	
COLOR TEMPERATURE	
CCT/CRI	CONVERSION FACTOR
3000K / 80 CRI	0.95
3500K / 80 CRI	0.97
4000K / 80 CRI	1
5000K / 80 CRI	1.03

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