

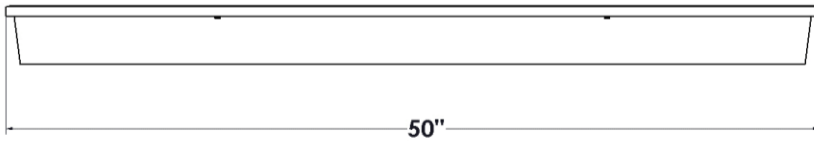
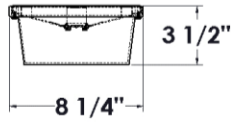
PROJECT:

NOTES:

ORDERING INFORMATION:

EXAMPLE PUVA - 50 - LED - 80 - 40 - MVOLT - G - DIM
 SERIES NOM. LENGTH SOURCE LUMENS KELVINS VOLTAGE OPTIONS DRIVER

SHOP DRAWINGS



MADE IN CANADA
FAIT AU CANADA

ORDERING INFORMATION

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

SOURCE	VOLTAGE
LED	MVOLT 120-277V 347 347V

LUMENS	OPTIONS
	G Neoprene gasket for damp and dusty locations

Lumen Package*	Nom. Lumens	Wattage
50"		
30	3,000	31
40	4,000	39
50	5,000	47

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:
PUVA - [...] - 47 - [...]

DRIVER
BLANK Non-dimming applications
DIM Dimming applications

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 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** –
- CSA certified as luminaire suitable for dry or damp locations.
 - cUL certified as luminaire suitable for dry or damp locations.

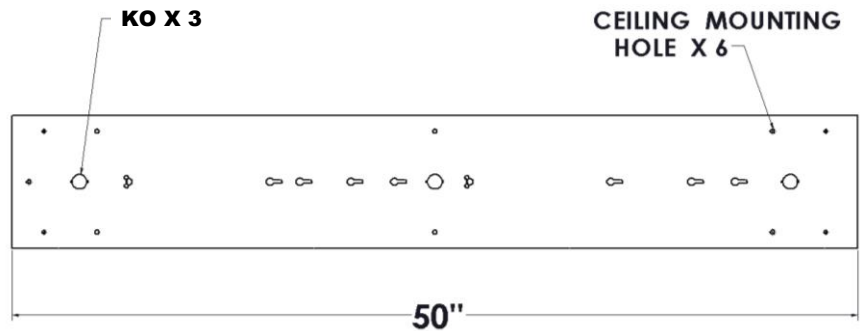
Warranty – 5-year limited warranty

LED PACKAGE	DELIVERED LUMENS	WATTAGE	EFFICACY (lm/W)
50"			
40	4,090	31	132
50	5,114	39	131
60	6,056	47	129

*Results based on 4000K, 80 CRI

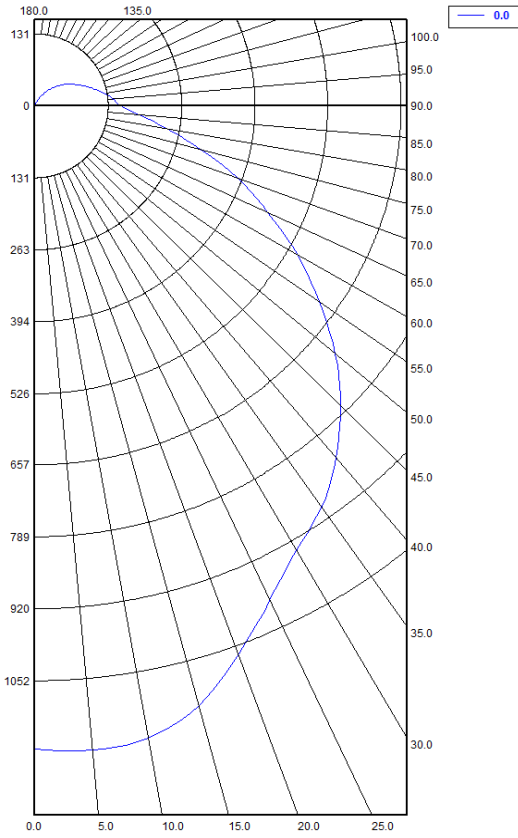
MULTIPLIER TABLE	
COLOR TEMPERATURE	
CCT/CRI	CONVERSION FACTOR
3000K / 80 CRI	0.95
3500K / 80 CRI	0.97
4000K / 80 CRI	1
5000K / 80 CRI	1.03

FIXTURE DETAILS



PHOTOMETRY

PUVA-50-LED-40-40-MVOLT 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