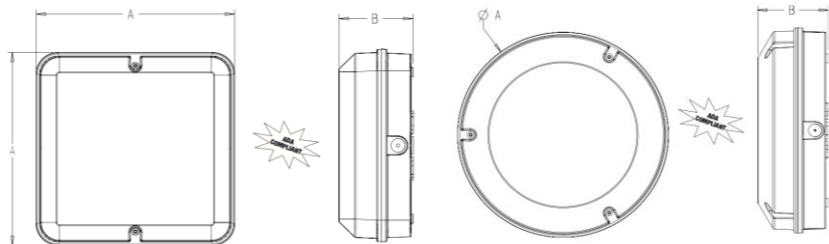


PROJECT: _____ NOTES: _____

ORDERING INFORMATION: _____

EXAMPLE 1502 - BL - LED - 40 - 40 - MV - CL5 - DIM
 SERIES COLOUR SOURCE LUMENS KELVINS VOLTAGE CONTROLS DRIVER

SHOP DRAWINGS



Style	A	B
1502 (square)	10.53"	3.9375"
1503 (round)	11.87"	3.9375"



ORDERING INFORMATION

SERIES

KELVIN

1502 Square
 1503 Round*
 *Minimum order of 20 pieces

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

COLOUR

BK Black
 WH White*
 *Minimum order of 20 pieces

SOURCE

VOLTAGE

LED

MV 120-277V
 347 347V

LUMENS

CONTROLS

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

DRIVER

Lumen Package	Nom. Lumens	Wattage
1502 square		
28	2,800	38
43	4,300	42
1503 round		
26	2,600	38
40	4,000	42

*Other lumen packages available.

BLANK Non-dimming applications
 DIM Dimming applications

FEATURES

- > Specification-grade all polycarbonate anti-vandal luminaire
- > Architectural design motif
- > Lens and housing are injection molded from UV stabilized polycarbonate
- > Integral captured lens gasketing; lens attachment points gasketed via grommets
- > Optional wet location configuration available featuring rear housing gasket
- > Multiple dimming protocols available
- > Energy-saving occupancy sensor option available
- > Made in Canada
- > Minimum 80 CRI; color range 3000K - 5000K available

APPLICATIONS

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

ÉCLAIRAGES



LED

FIXTURE PERFORMANCE DATA

SPECIFICATIONS

Housing – Injection molded, UV stabilized, spec grade polycarbonate

Shielding – Injection molded, UV stabilized polycarbonate frosted white opal lens

Electrical – High quality mid-power LED boards. L70 >50,000 hours.

Mounting – Surface mounting

Listings –

- UL certified as luminaire suitable for dry or damp locations.

Warranty – 5-year limited warranty

LED PACKAGE	DELIVERED LUMENS	WATTAGE	EFFICACY (lm/W)
1502 Square			
28	2,800	38	73
43	4,373	42	104
1503 Round			
26	2,607	38	68
40	4,070	42	97

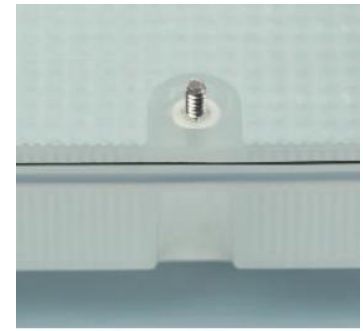
Results based on 4000K, 80 CRI

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



*Lens Detail-WH
(opal white)*



*Nylon Retaining
Washer for Lens Screw*



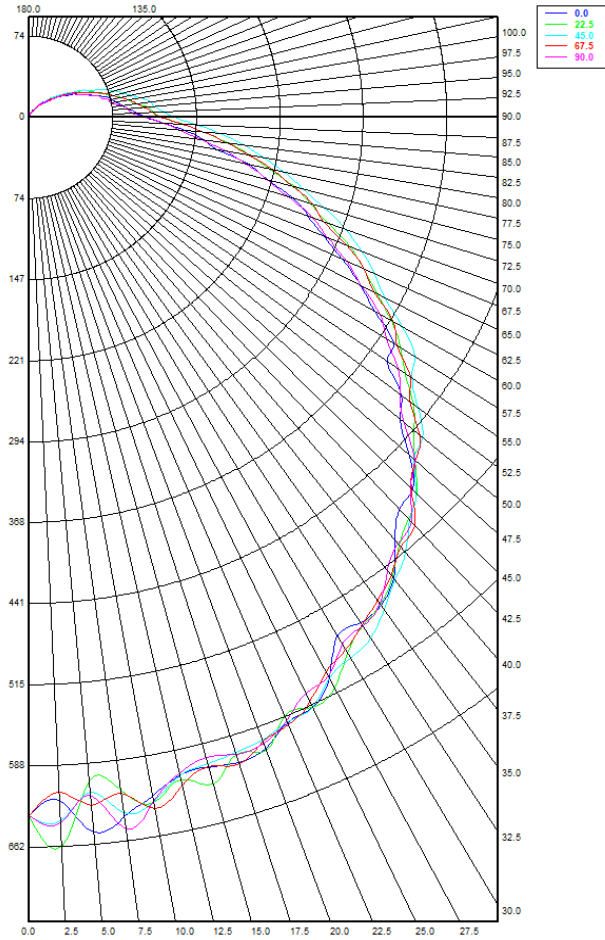
*Conduit Drill Points
on Housing*



Lens Screw Grommets

PHOTOMETRY

1502-BL-LED-28-40-MV-Dlm Total Luminaire Output: 2,800 lumens; 38 Watts



Candela Distribution

	0.00°	22.50°	45.00°	67.50°	90.00°
0.00°	633.08	633.08	633.08	633.08	633.08
2.50°	620.20	661.50	638.76	612.39	640.48
5.00°	650.58	604.12	614.51	625.97	616.83
7.50°	639.78	615.10	635.54	618.10	650.78
10.00°	624.74	630.97	630.26	636.29	630.01
12.50°	610.78	614.87	611.14	620.53	609.54
15.00°	609.99	626.07	606.82	609.47	600.75
17.50°	613.36	605.26	603.59	614.78	605.43
20.00°	608.76	610.34	600.46	601.96	603.40
22.50°	593.87	586.77	593.55	595.85	591.45
25.00°	589.99	590.12	590.23	584.86	576.21
27.50°	572.70	583.06	573.42	567.09	571.19
30.00°	543.16	560.80	566.17	557.40	551.95
32.50°	543.48	546.97	560.22	546.06	547.21
35.00°	540.06	539.56	544.94	534.84	538.64
37.50°	527.09	525.43	529.04	523.80	518.35
40.00°	501.37	506.86	515.36	509.13	505.21
42.50°	482.55	494.73	496.04	502.25	498.12
45.00°	477.22	482.53	482.06	475.75	474.72
47.50°	454.76	460.51	459.25	460.87	460.54
50.00°	426.03	442.35	451.74	448.97	431.38
52.50°	412.69	426.34	431.61	422.43	411.58
55.00°	385.01	404.27	411.32	409.54	396.35
57.50°	380.60	387.67	402.10	384.22	373.36
60.00°	351.53	368.07	379.71	370.82	356.85
62.50°	329.43	345.64	353.21	342.50	329.87
65.00°	304.16	325.30	335.97	325.83	309.24
67.50°	281.05	305.93	317.56	302.05	284.65
70.00°	261.41	280.65	296.76	275.96	266.10
72.50°	242.65	259.65	272.88	262.21	237.31
75.00°	216.52	240.28	248.39	238.72	215.91
77.50°	197.29	216.10	229.58	218.14	195.25
80.00°	167.58	196.74	208.77	195.75	174.80
82.50°	154.12	176.14	189.57	174.22	150.36
85.00°	136.72	153.33	168.07	153.36	133.01
87.50°	117.16	133.84	146.57	133.03	117.56
90.00°	101.73	116.11	127.16	115.15	101.92

Zonal Lumen Summary

Zone	Lumens	% Fixture
0.00° - 10.00°	60.86	2.33%
10.00° - 20.00°	173.37	6.65%
20.00° - 30.00°	269.37	10.33%
30.00° - 40.00°	336.53	12.90%
40.00° - 50.00°	368.91	14.15%
50.00° - 60.00°	362.60	13.90%
60.00° - 70.00°	319.89	12.27%
70.00° - 80.00°	249.68	9.57%
80.00° - 90.00°	166.83	6.40%
90.00° - 100.00°	110.44	4.23%
100.00° - 110.00°	81.15	3.11%
110.00° - 120.00°	53.46	2.05%
120.00° - 130.00°	31.18	1.20%
130.00° - 140.00°	15.82	0.61%
140.00° - 150.00°	6.44	0.25%
150.00° - 160.00°	1.37	0.05%
160.00° - 170.00°	0.05	0.00%
170.00° - 180.00°	0.00	0.00%
0.00° - 90.00°	2,308.05	88.50%
90.00° - 180.00°	299.91	11.50%
0.00° - 180.00°	2,607.95	100.00%

Spacing Criterion:

Two luminaires, plane 0°	1.31
Two luminaires, plane 90°	1.31
Four luminaires	1.46