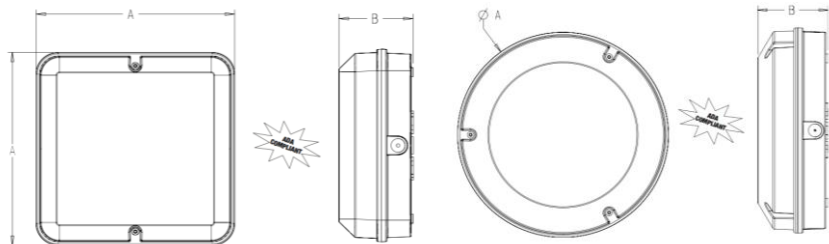


PROJECT: \_\_\_\_\_ NOTES: \_\_\_\_\_

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

**COLOUR**

**VOLTAGE**

MV	120-277V
347	347V

BK Black

WH White\*

\*Minimum order of 20 pieces

**SOURCE**

LED

**LUMENS**

**CONTROLS**

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

**DRIVER**

BLANK Non-dimming applications  
 DIM Dimming applications

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

\*Other lumen packages available.

**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 >72,000 hours reported / 95,140 hours calculated. L85 >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

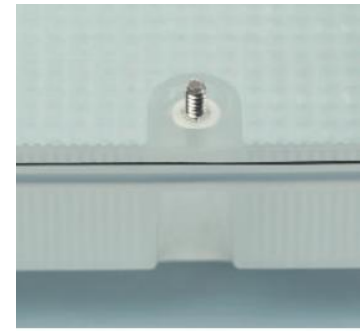
Results based on 4000K, 80 CRI

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*



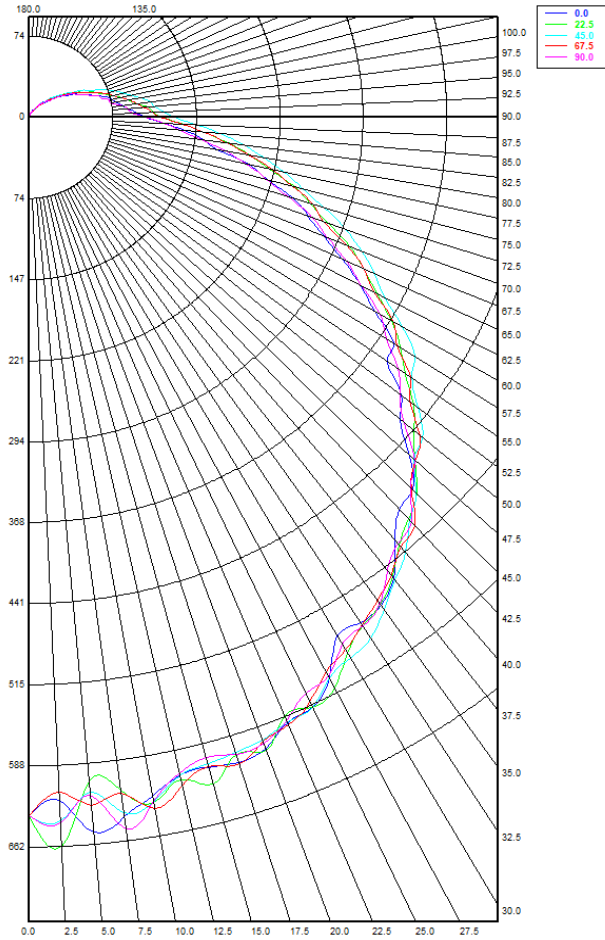
*Conduit Drill Points  
on Housing*



*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