

Scaled data based on original data using
LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Test Report Prepared for
Cooper Lighting Solutions
(formerly Eaton)

Brand: INVUE

Report Number: P672801

Luminaire Tested: **CCP-SA-1E-727-U-RW**

Issue Date: 04/16/2023



Test Information

Test Method: LM-79-08
Report Number: P672801
Test Lab: INNOVATION CENTER(G2)
Issue Date: 04/16/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: CCP-SA-1E-727-U-RW
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @1050mA w/ RW distribution lens
Light Source: (16) 2700K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

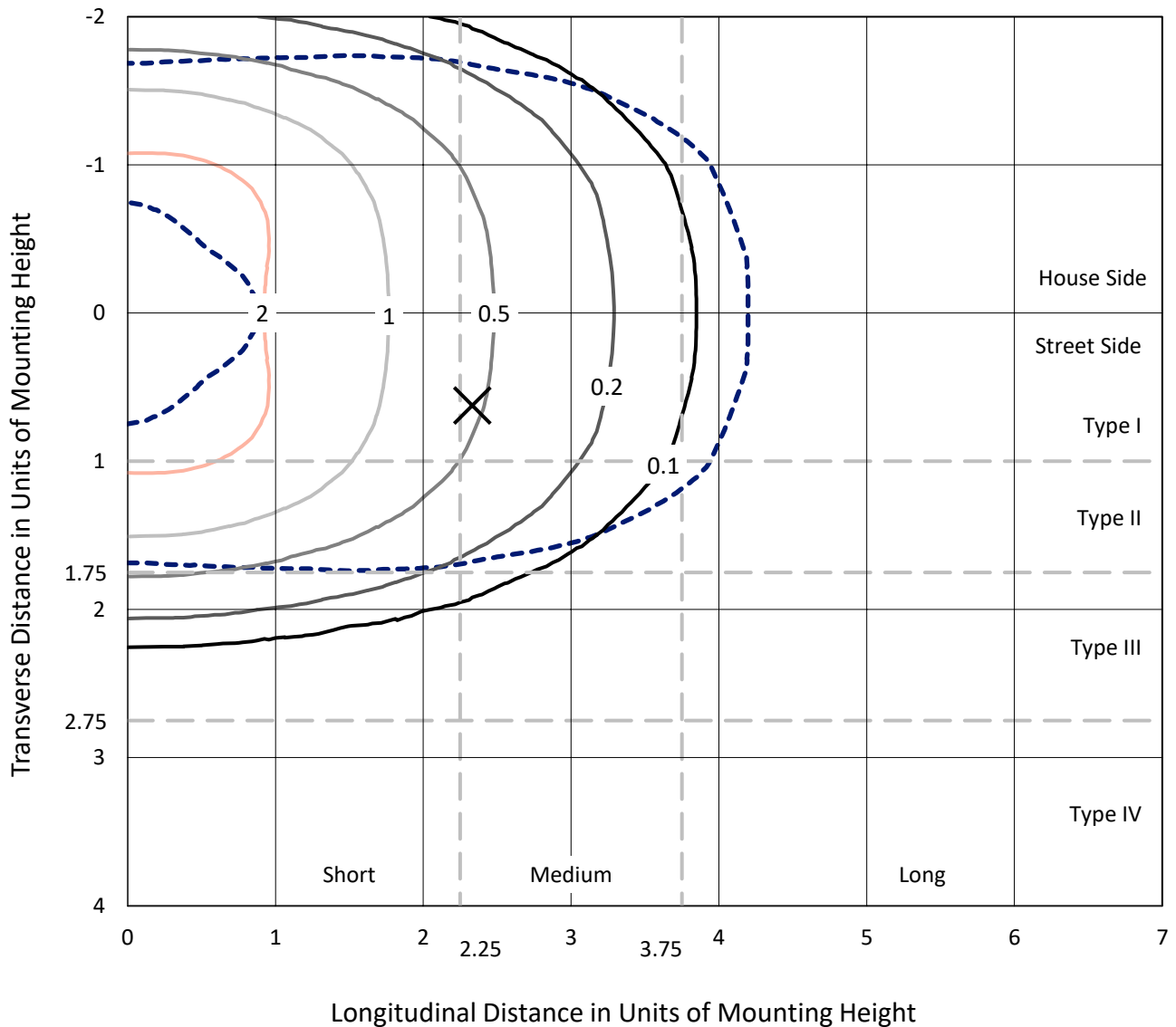
Lumens per Lamp: N/A
Luminaire Lumens: 5816.4 lumens
Efficiency: N/A
Efficacy: 103.7 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification: Type II - Medium
BUG Rating: B2 - U0 - G2

Input Watts (W): 56.1
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT

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Iso-Footcandle Lines of Horizontal Illumination

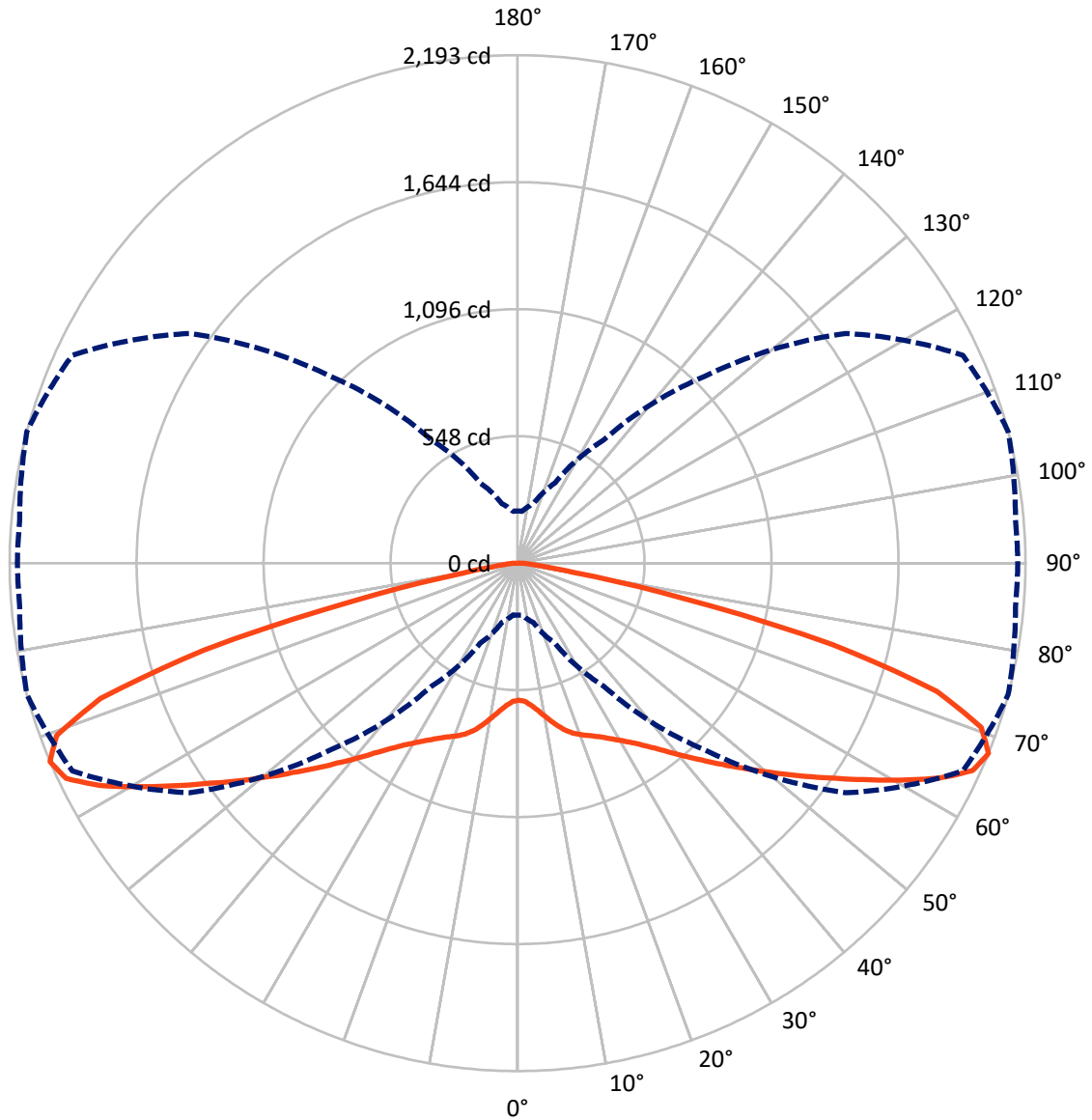
× Max cd
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 3 fc
 Type II - Medium - N/A

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Luminous Intensity Polar Plot



— Vertical Plane Through 75-Deg Lateral - - - Horizontal Cone Through 67.5-Deg Vertical

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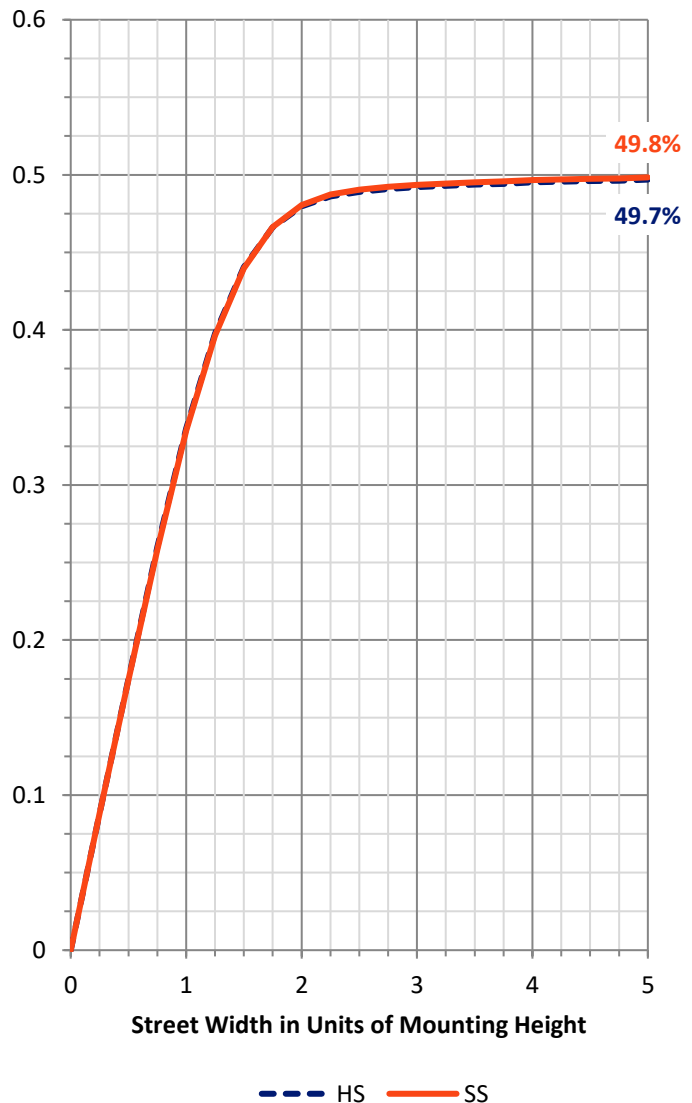
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2908.2	0.0	2908.2
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	2908.2	0.0	2908.2
	% Fixture	50.0	0.0	50.0
Total	Lumens	5816.4	0.0	5816.4
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	58.6	1.0
10°-20°	197.3	3.4
20°-30°	385.2	6.6
30°-40°	664.6	11.4
40°-50°	1076.6	18.5
50°-60°	1464.2	25.2
60°-70°	1350.8	23.2
70°-80°	565.2	9.7
80°-90°	54.0	0.9
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-90°	5816.4	100.0
0°-180°	5816.4	100.0



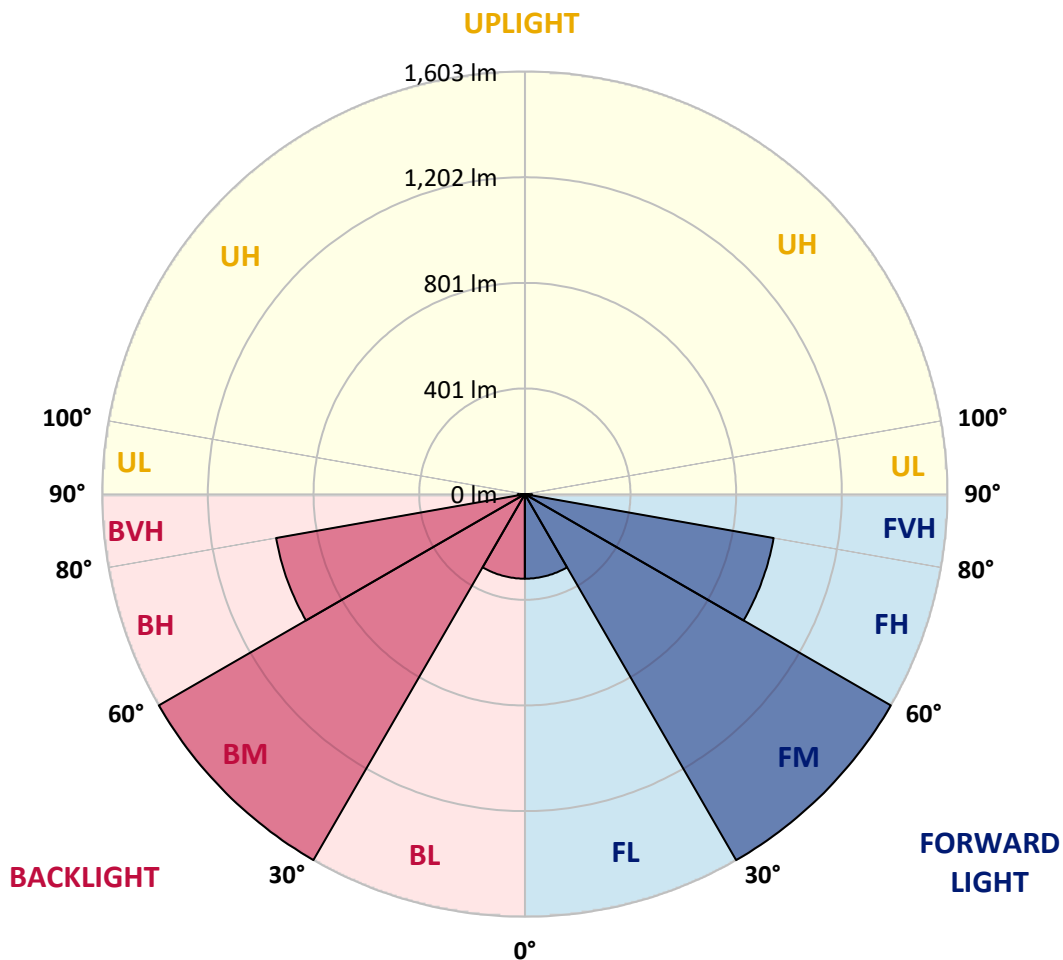
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	320.6	5.5			
FM (30°-60°)	1602.7	27.6			
FH (60°-80°)	958.0	16.5			G1/1800
FVH (80°-90°)	27.0	0.5			G1/100
BL (0°-30°)	320.6	5.5	B1/500		
BM (30°-60°)	1602.7	27.6	B2/2500		
BH (60°-80°)	958.0	16.5	B2/1000		G2/1000
BVH (80°-90°)	27.0	0.5			G1/100
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G2

Type II Medium





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	591.7	591.7	591.7	591.7	591.7	591.7	591.7	591.7	591.7	591.7	591.7
2.5°	588.0	588.0	589.6	591.7	592.6	594.2	594.7	594.7	597.2	596.7	597.2
5°	586.3	586.3	589.2	593.0	597.2	602.2	607.2	610.1	616.4	617.7	618.1
7.5°	588.0	588.4	592.6	598.8	605.9	615.1	624.8	632.7	643.2	646.9	649.4
10°	594.2	594.7	600.1	608.9	619.7	633.1	646.9	659.5	676.2	683.7	685.0
12.5°	603.9	604.3	612.2	626.4	641.9	658.6	674.1	690.0	710.9	722.2	724.7
15°	618.5	617.2	629.8	650.7	672.4	693.3	707.1	722.6	744.8	759.4	763.2
17.5°	638.6	639.4	654.9	681.6	708.4	729.7	743.5	752.3	771.5	786.6	790.4
20°	663.7	667.4	687.1	718.0	749.4	772.0	781.6	780.3	791.2	804.2	807.1
22.5°	699.2	701.7	725.5	760.3	796.2	819.6	823.4	809.6	809.2	817.5	821.3
25°	741.0	743.1	768.2	808.3	846.4	871.1	867.3	843.5	830.9	831.3	833.9
27.5°	789.9	794.1	820.1	861.0	900.3	922.9	917.5	882.8	858.1	850.6	848.9
30°	853.5	858.1	884.5	923.8	958.5	978.5	970.2	926.3	889.5	876.9	874.4
32.5°	936.3	935.9	963.1	1001.1	1025.4	1038.3	1022.0	972.3	925.9	909.1	905.8
35°	1021.6	1025.8	1052.6	1089.4	1107.8	1108.6	1082.7	1026.6	971.4	942.6	936.3
37.5°	1117.8	1119.9	1150.8	1185.5	1197.7	1191.0	1152.5	1090.2	1026.6	996.1	985.2
40°	1216.5	1218.6	1254.5	1288.0	1301.4	1285.5	1234.9	1160.5	1091.9	1058.4	1052.1
42.5°	1308.1	1313.5	1353.7	1393.0	1405.9	1387.5	1326.5	1237.4	1160.9	1128.7	1120.3
45°	1384.2	1390.0	1435.2	1485.4	1508.4	1493.3	1424.3	1324.0	1240.3	1205.6	1191.4
47.5°	1441.5	1449.0	1497.1	1557.3	1602.1	1599.1	1528.5	1415.5	1325.6	1284.7	1271.7
50°	1480.8	1488.7	1540.6	1605.4	1672.7	1695.3	1634.3	1516.7	1420.6	1374.6	1365.8
52.5°	1483.7	1490.8	1550.2	1630.9	1720.8	1770.6	1738.4	1623.4	1525.1	1477.4	1471.2
55°	1418.5	1423.5	1502.5	1610.0	1740.5	1828.3	1833.3	1739.6	1636.8	1588.7	1585.7
57.5°	1268.8	1275.9	1370.4	1512.6	1707.9	1865.5	1915.7	1861.3	1763.1	1717.9	1715.4
60°	1025.0	1034.2	1142.1	1331.1	1589.9	1855.9	1985.5	1975.5	1901.1	1857.1	1855.5
62.5°	723.0	726.4	838.9	1047.1	1359.1	1753.9	2019.4	2086.7	2044.1	1999.7	2002.3
65°	424.9	429.5	511.9	699.2	1030.8	1519.3	1960.9	2164.1	2158.7	2118.1	2122.3
67.5°	224.6	224.6	266.0	382.2	648.2	1137.5	1727.9	2121.4	2192.5	2157.0	2159.1
70°	155.1	154.7	162.3	191.9	313.2	705.1	1292.6	1898.1	2123.5	2110.1	2115.6
72.5°	131.3	130.5	130.9	135.1	159.3	318.7	784.9	1462.0	1893.1	1913.6	1918.2
75°	115.0	113.7	112.9	112.1	114.2	144.7	358.0	902.0	1403.4	1532.2	1529.7
77.5°	99.1	98.3	97.4	94.5	91.2	94.9	146.4	405.6	721.8	851.8	842.6
80°	81.5	81.5	82.8	78.6	72.3	69.8	87.4	151.4	239.6	250.1	230.0
82.5°	64.0	64.0	70.3	64.4	56.9	50.6	60.6	80.7	97.4	79.0	64.4
85°	45.2	45.6	58.5	53.5	43.9	29.3	37.6	48.1	54.8	34.7	27.2
87.5°	18.4	19.7	36.4	28.9	27.6	14.6	17.6	21.3	27.2	14.6	11.7
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)