

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: P672791

Luminaire Tested: **CCP-SA-1F-722-U-RW**

Issue Date: 04/16/2023



Test Information

Test Method: LM-79-08
Report Number: P672791
Test Lab: INNOVATION CENTER(G2)
Issue Date: 04/16/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: CCP-SA-1F-722-U-RW
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @1200mA w/ RW distribution lens
Light Source: (16) 2200K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

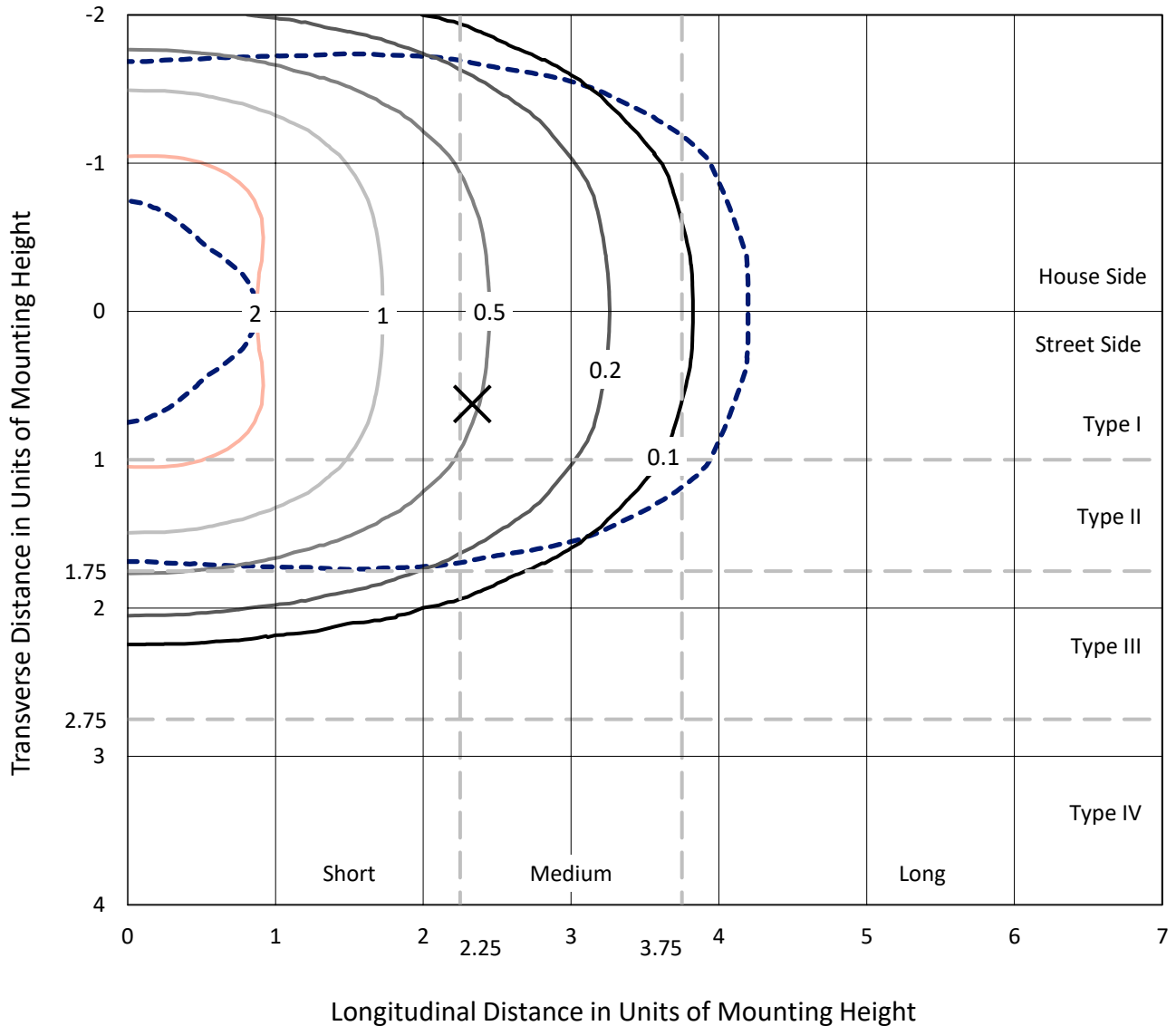
Lumens per Lamp: N/A
Luminaire Lumens: 5618 lumens
Efficiency: N/A
Efficacy: 83.9 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification: Type II - Medium
BUG Rating: B2 - U0 - G2

Input Watts (W): 67
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

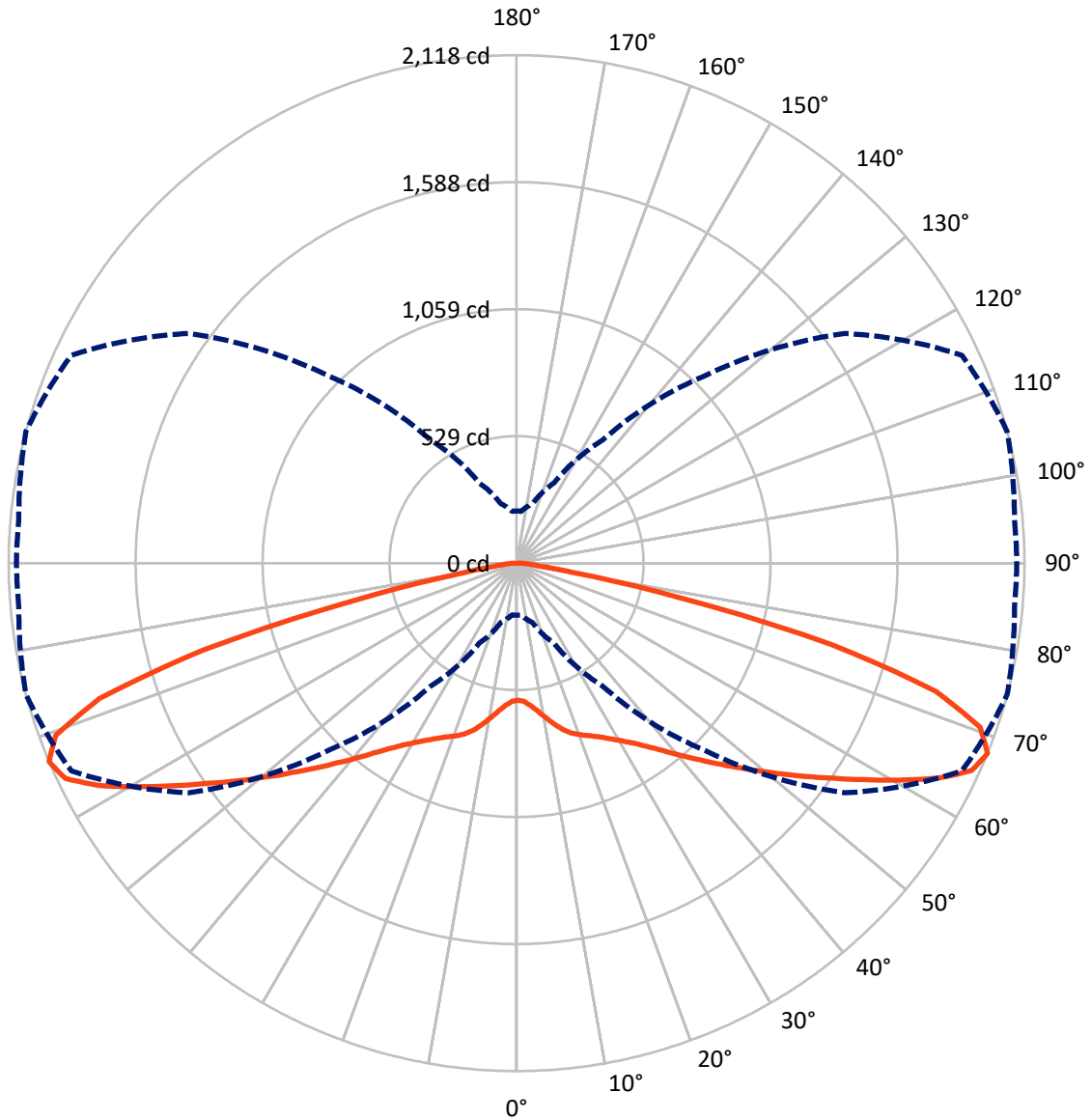
✕ Max cd
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 2.9 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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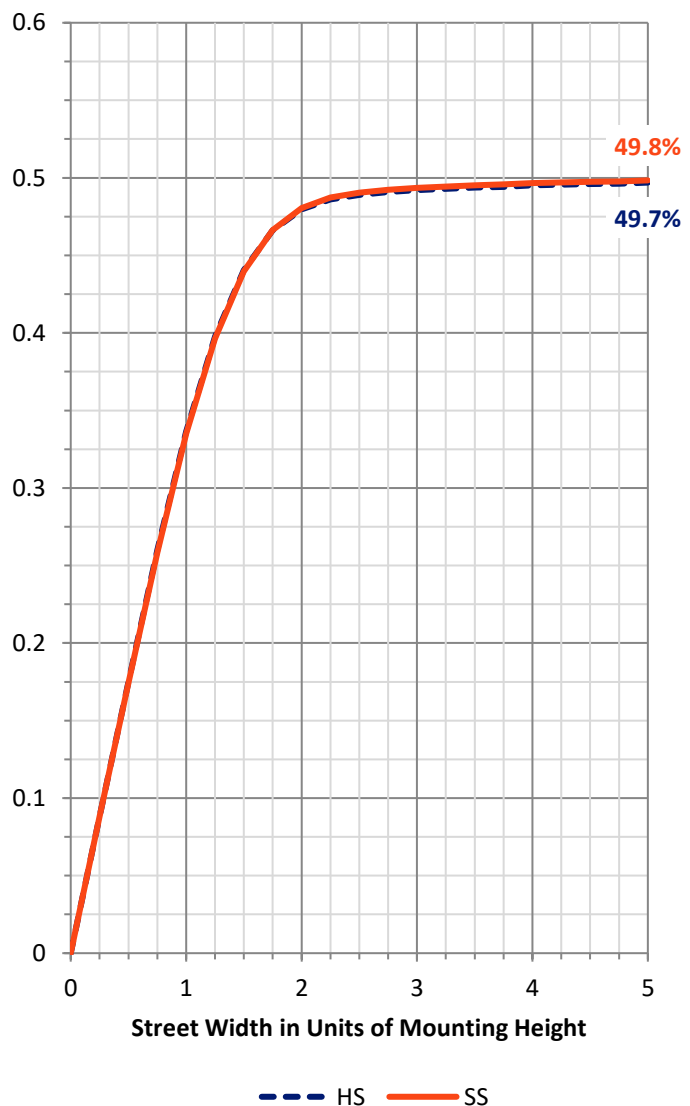
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2809.0	0.0	2809.0
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	2809.0	0.0	2809.0
	% Fixture	50.0	0.0	50.0
Total	Lumens	5618.0	0.0	5618.0
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	56.6	1.0
10°-20°	190.6	3.4
20°-30°	372.1	6.6
30°-40°	641.9	11.4
40°-50°	1039.9	18.5
50°-60°	1414.2	25.2
60°-70°	1304.7	23.2
70°-80°	545.9	9.7
80°-90°	52.1	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°	5618.0	100.0
0°-180°	5618.0	100.0

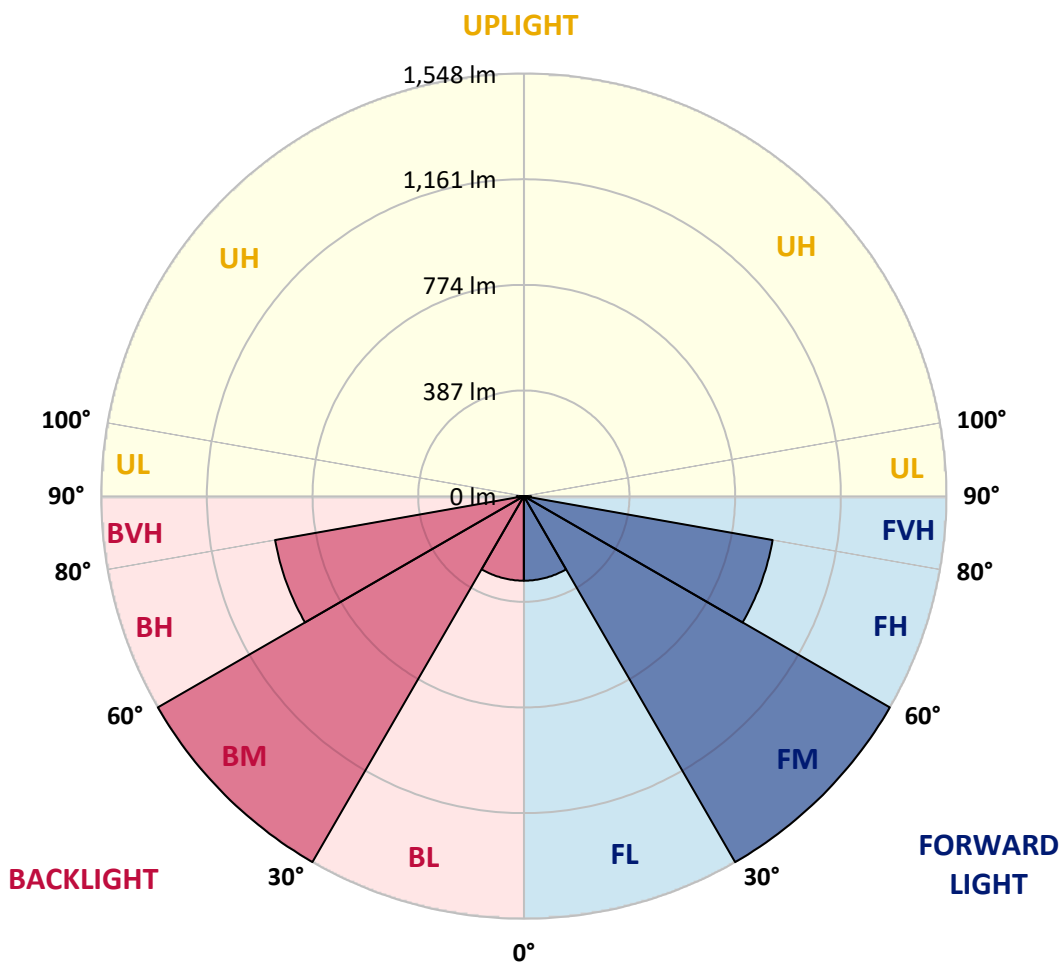


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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	309.6	5.5			
FM (30°-60°)	1548.0	27.6			
FH (60°-80°)	925.3	16.5			G1/1800
FVH (80°-90°)	26.1	0.5			G1/100
BL (0°-30°)	309.6	5.5	B1/500		
BM (30°-60°)	1548.0	27.6	B2/2500		
BH (60°-80°)	925.3	16.5	B2/1000		G2/1000
BVH (80°-90°)	26.1	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°	571.5	571.5	571.5	571.5	571.5	571.5	571.5	571.5	571.5	571.5	571.5
2.5°	567.9	567.9	569.5	571.5	572.4	574.0	574.4	574.4	576.8	576.4	576.8
5°	566.3	566.3	569.1	572.8	576.8	581.6	586.5	589.3	595.4	596.6	597.0
7.5°	567.9	568.3	572.4	578.4	585.3	594.2	603.5	611.1	621.2	624.9	627.3
10°	574.0	574.4	579.6	588.1	598.6	611.5	624.9	637.0	653.1	660.4	661.6
12.5°	583.3	583.7	591.3	605.1	620.0	636.2	651.1	666.5	686.7	697.6	700.0
15°	597.4	596.2	608.3	628.5	649.5	669.7	683.0	698.0	719.4	733.5	737.2
17.5°	616.8	617.6	632.5	658.4	684.2	704.8	718.2	726.7	745.2	759.8	763.4
20°	641.0	644.7	663.6	693.5	723.8	745.6	754.9	753.7	764.2	776.7	779.6
22.5°	675.4	677.8	700.8	734.3	769.1	791.7	795.3	782.0	781.6	789.7	793.3
25°	715.7	717.8	742.0	780.8	817.5	841.4	837.7	814.7	802.6	803.0	805.4
27.5°	763.0	767.0	792.1	831.7	869.6	891.4	886.2	852.7	828.8	821.6	820.0
30°	824.4	828.8	854.3	892.3	925.8	945.2	937.1	894.7	859.1	847.0	844.6
32.5°	904.4	904.0	930.2	967.0	990.4	1002.9	987.2	939.1	894.3	878.1	874.9
35°	986.8	990.8	1016.7	1052.2	1070.0	1070.8	1045.7	991.6	938.3	910.4	904.4
37.5°	1079.7	1081.7	1111.6	1145.1	1156.8	1150.4	1113.2	1053.0	991.6	962.1	951.6
40°	1175.0	1177.0	1211.8	1244.1	1257.0	1241.6	1192.8	1120.9	1054.6	1022.3	1016.3
42.5°	1263.5	1268.7	1307.5	1345.5	1358.0	1340.2	1281.2	1195.2	1121.3	1090.2	1082.1
45°	1337.0	1342.6	1386.3	1434.7	1456.9	1442.4	1375.7	1278.8	1198.0	1164.5	1150.8
47.5°	1392.3	1399.6	1446.0	1504.2	1547.4	1544.6	1476.3	1367.3	1280.4	1240.8	1228.3
50°	1430.3	1438.0	1488.0	1550.6	1615.7	1637.5	1578.5	1465.0	1372.1	1327.7	1319.2
52.5°	1433.1	1440.0	1497.3	1575.3	1662.1	1710.2	1679.1	1568.0	1473.1	1427.0	1421.0
55°	1370.1	1374.9	1451.3	1555.1	1681.1	1765.9	1770.8	1680.3	1580.9	1534.5	1531.7
57.5°	1225.5	1232.4	1323.6	1461.0	1649.6	1801.9	1850.4	1797.8	1702.9	1659.3	1656.9
60°	990.0	998.9	1103.1	1285.7	1535.7	1792.6	1917.8	1908.1	1836.2	1793.8	1792.2
62.5°	698.4	701.6	810.3	1011.4	1312.7	1694.0	1950.5	2015.6	1974.4	1931.5	1934.0
65°	410.4	414.8	494.4	675.4	995.7	1467.4	1894.0	2090.3	2085.0	2045.9	2049.9
67.5°	216.9	216.9	256.9	369.2	626.1	1098.7	1669.0	2049.1	2117.7	2083.4	2085.4
70°	149.9	149.5	156.7	185.4	302.5	681.0	1248.5	1833.4	2051.1	2038.2	2043.4
72.5°	126.8	126.0	126.4	130.5	153.9	307.8	758.2	1412.1	1828.5	1848.3	1852.8
75°	111.1	109.9	109.1	108.3	110.3	139.8	345.8	871.3	1355.6	1480.0	1477.5
77.5°	95.7	94.9	94.1	91.3	88.1	91.7	141.4	391.8	697.2	822.8	813.9
80°	78.8	78.8	80.0	75.9	69.9	67.5	84.4	146.2	231.4	241.5	222.2
82.5°	61.8	61.8	67.9	62.2	54.9	48.9	58.6	78.0	94.1	76.3	62.2
85°	43.6	44.0	56.5	51.7	42.4	28.3	36.4	46.5	52.9	33.5	26.3
87.5°	17.8	19.0	35.1	27.9	26.7	14.1	17.0	20.6	26.3	14.1	11.3
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)