

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: P672790

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

Issue Date: 04/16/2023



Test Information

Test Method: LM-79-08
Report Number: P672790
Test Lab: INNOVATION CENTER(G2)
Issue Date: 04/16/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: CCP-SA-1E-722-U-RW
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @1050mA w/ RW distribution lens
Light Source: (16) 2200K CCT, 70 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

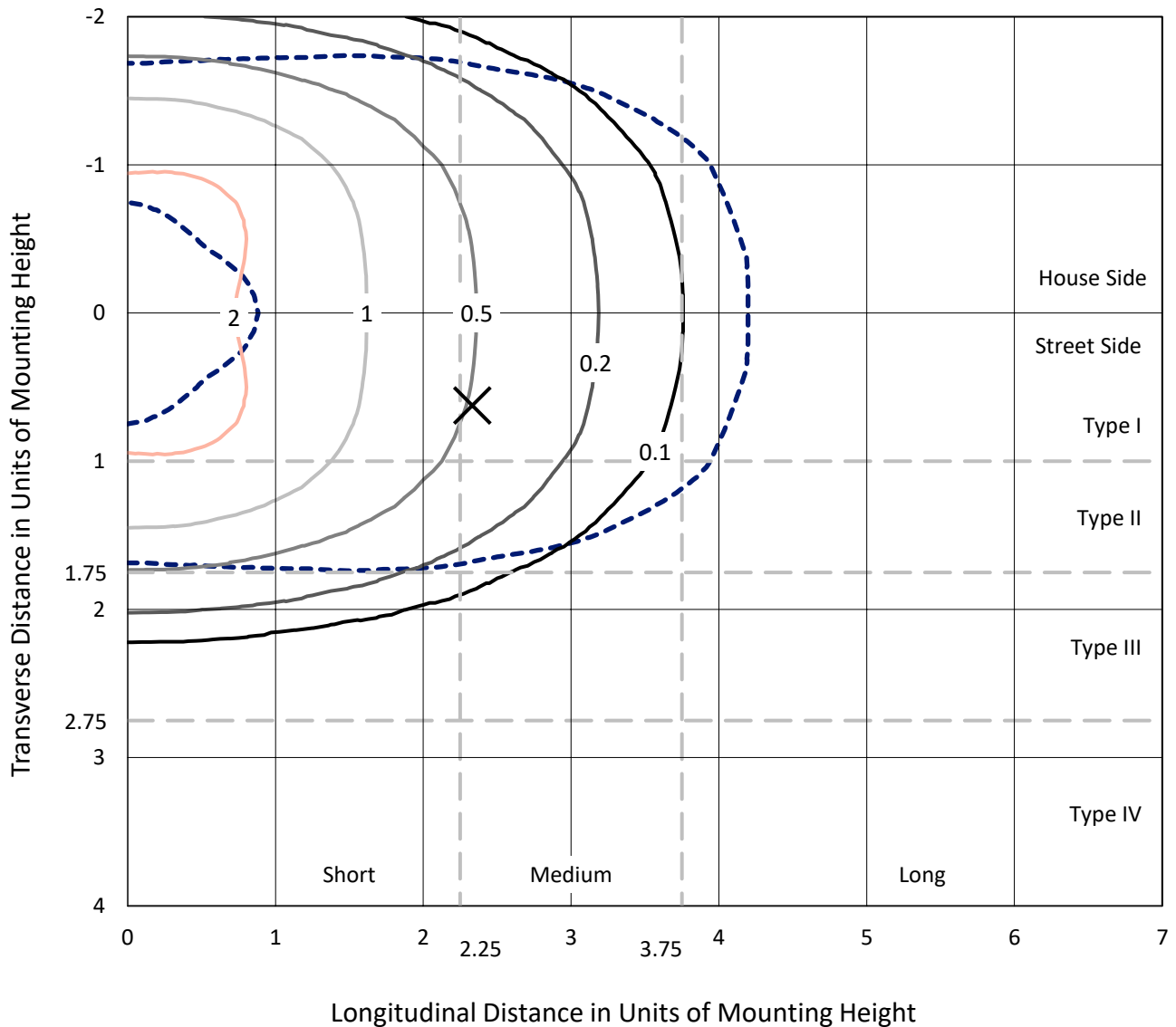
Lumens per Lamp: N/A
Luminaire Lumens: 5123 lumens
Efficiency: N/A
Efficacy: 91.3 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification: Type II - Medium
BUG Rating: B2 - U0 - G2

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

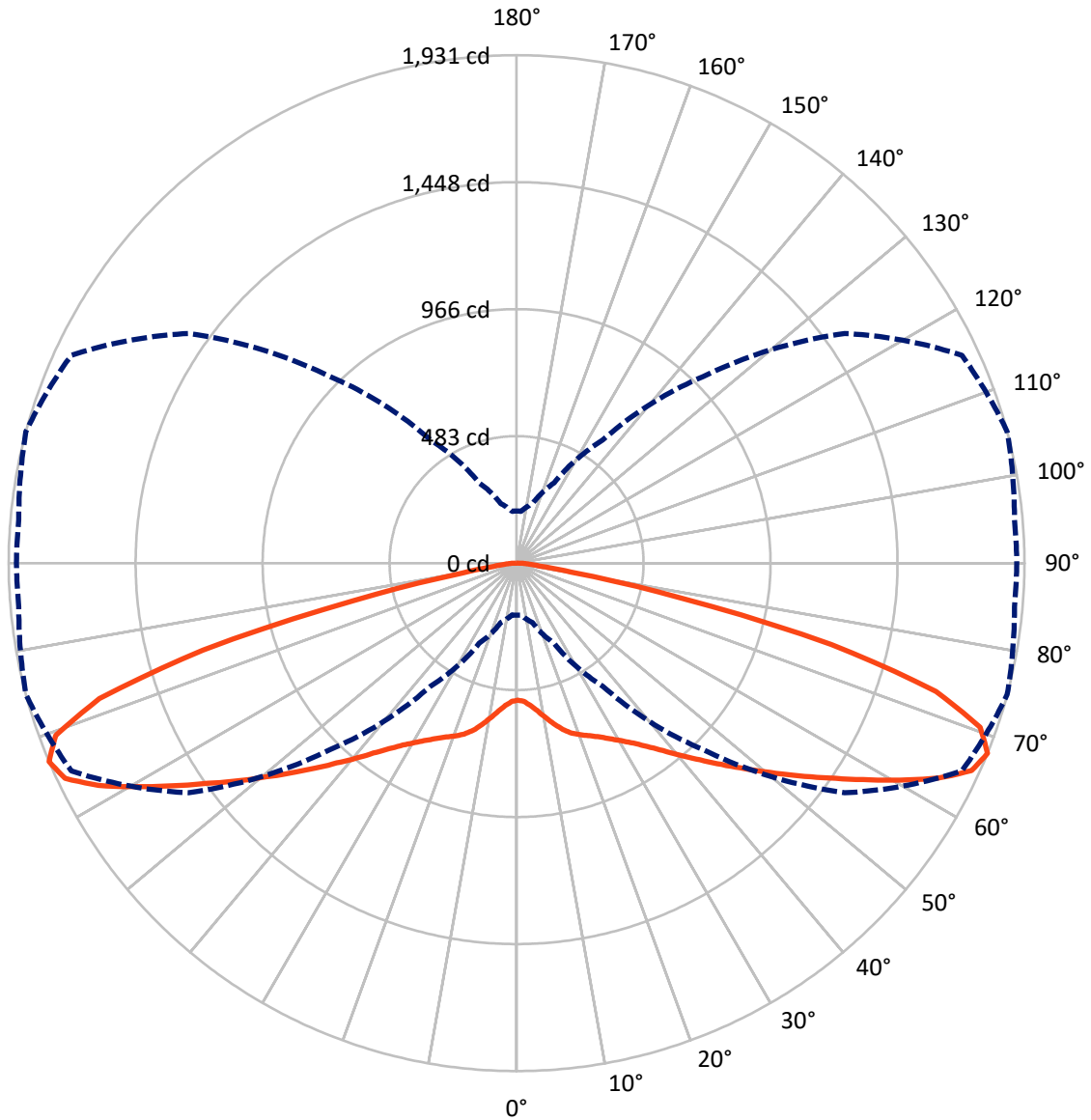
× Max cd
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 2.7 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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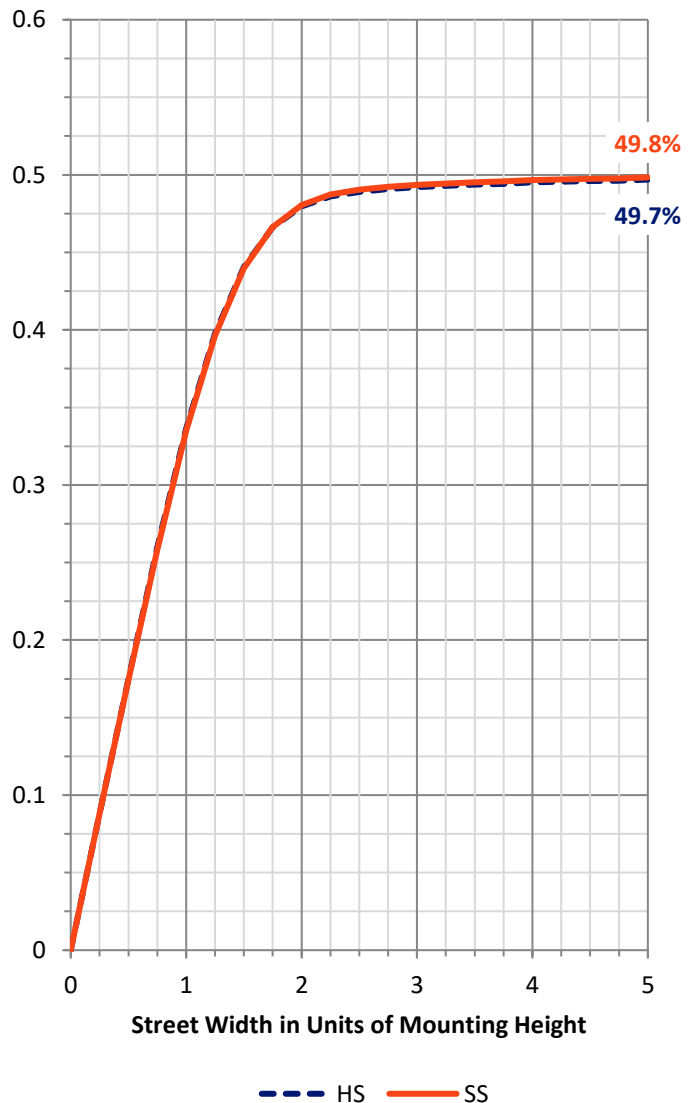
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2561.5	0.0	2561.5
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	2561.5	0.0	2561.5
	% Fixture	50.0	0.0	50.0
Total	Lumens	5123.0	0.0	5123.0
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	51.6	1.0
10°-20°	173.8	3.4
20°-30°	339.3	6.6
30°-40°	585.4	11.4
40°-50°	948.2	18.5
50°-60°	1289.6	25.2
60°-70°	1189.7	23.2
70°-80°	497.8	9.7
80°-90°	47.5	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°	5123.0	100.0
0°-180°	5123.0	100.0



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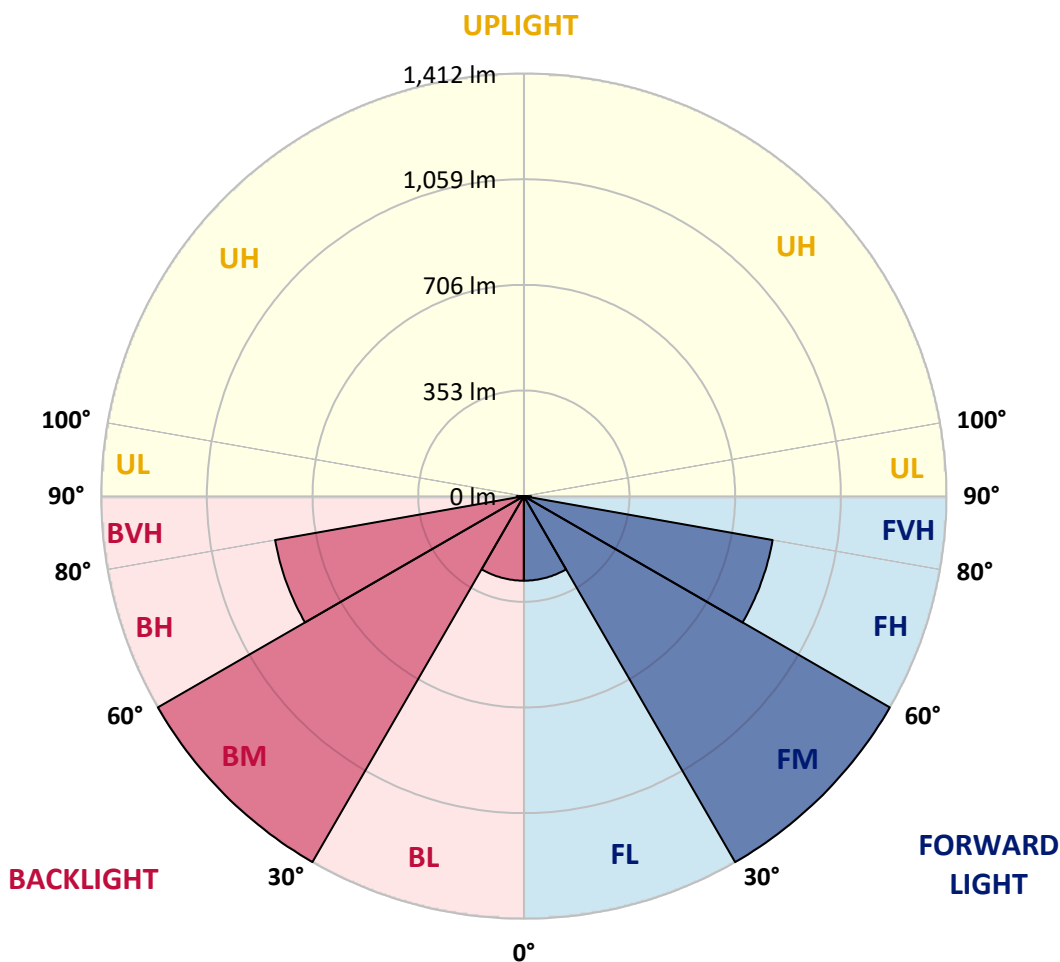
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	282.3	5.5			
FM (30°-60°)	1411.6	27.6			
FH (60°-80°)	843.8	16.5			G1/1800
FVH (80°-90°)	23.8	0.5			G1/100
BL (0°-30°)	282.3	5.5	B1/500		
BM (30°-60°)	1411.6	27.6	B2/2500		
BH (60°-80°)	843.8	16.5	B2/1000		G2/1000
BVH (80°-90°)	23.8	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°	521.2	521.2	521.2	521.2	521.2	521.2	521.2	521.2	521.2	521.2	521.2
2.5°	517.9	517.9	519.3	521.2	521.9	523.4	523.8	523.8	526.0	525.6	526.0
5°	516.4	516.4	519.0	522.3	526.0	530.4	534.8	537.4	542.9	544.0	544.4
7.5°	517.9	518.2	521.9	527.4	533.7	541.8	550.3	557.3	566.5	569.8	572.0
10°	523.4	523.8	528.6	536.3	545.9	557.6	569.8	580.9	595.6	602.2	603.3
12.5°	531.9	532.2	539.2	551.8	565.4	580.1	593.7	607.7	626.2	636.1	638.3
15°	544.8	543.7	554.7	573.1	592.3	610.7	622.8	636.5	656.0	668.9	672.2
17.5°	562.4	563.2	576.8	600.4	623.9	642.7	654.9	662.6	679.6	692.8	696.1
20°	584.5	587.9	605.2	632.4	660.0	679.9	688.4	687.3	696.9	708.3	710.9
22.5°	615.8	618.1	639.0	669.6	701.3	721.9	725.2	713.1	712.7	720.1	723.4
25°	652.7	654.5	676.6	712.0	745.5	767.2	763.9	742.9	731.9	732.2	734.4
27.5°	695.8	699.5	722.3	758.4	793.0	812.9	808.1	777.5	755.8	749.2	747.7
30°	751.8	755.8	779.0	813.6	844.2	861.9	854.5	815.8	783.4	772.4	770.2
32.5°	824.7	824.3	848.3	881.8	903.1	914.6	900.2	856.4	815.5	800.7	797.8
35°	899.8	903.5	927.1	959.5	975.7	976.4	953.6	904.2	855.6	830.2	824.7
37.5°	984.5	986.4	1013.6	1044.2	1054.9	1049.0	1015.1	960.2	904.2	877.4	867.8
40°	1071.5	1073.3	1105.0	1134.5	1146.2	1132.2	1087.7	1022.1	961.7	932.2	926.7
42.5°	1152.1	1156.9	1192.3	1226.9	1238.3	1222.1	1168.3	1089.9	1022.5	994.1	986.8
45°	1219.2	1224.3	1264.1	1308.3	1328.6	1315.3	1254.5	1166.1	1092.5	1061.9	1049.4
47.5°	1269.6	1276.3	1318.6	1371.7	1411.1	1408.5	1346.2	1246.8	1167.6	1131.5	1120.1
50°	1304.3	1311.2	1356.9	1414.0	1473.3	1493.2	1439.4	1335.9	1251.2	1210.7	1203.0
52.5°	1306.8	1313.1	1365.4	1436.5	1515.7	1559.5	1531.1	1429.9	1343.3	1301.3	1295.8
55°	1249.4	1253.8	1323.4	1418.1	1533.0	1610.3	1614.8	1532.2	1441.6	1399.3	1396.7
57.5°	1117.5	1123.8	1207.0	1332.2	1504.3	1643.1	1687.3	1639.4	1552.9	1513.1	1510.9
60°	902.8	910.9	1005.9	1172.4	1400.4	1634.6	1748.8	1740.0	1674.4	1635.7	1634.3
62.5°	636.8	639.8	738.9	922.3	1197.1	1544.8	1778.7	1838.0	1800.4	1761.3	1763.6
65°	374.2	378.3	450.8	615.8	907.9	1338.1	1727.1	1906.1	1901.3	1865.6	1869.3
67.5°	197.8	197.8	234.3	336.7	570.9	1001.9	1521.9	1868.5	1931.1	1899.8	1901.7
70°	136.6	136.3	142.9	169.1	275.9	621.0	1138.5	1671.8	1870.4	1858.6	1863.4
72.5°	115.7	114.9	115.3	119.0	140.3	280.7	691.4	1287.7	1667.4	1685.5	1689.5
75°	101.3	100.2	99.4	98.7	100.6	127.4	315.3	794.5	1236.1	1349.6	1347.3
77.5°	87.3	86.6	85.8	83.2	80.3	83.6	128.9	357.3	635.7	750.3	742.2
80°	71.8	71.8	72.9	69.2	63.7	61.5	77.0	133.3	211.1	220.3	202.6
82.5°	56.4	56.4	61.9	56.7	50.1	44.6	53.4	71.1	85.8	69.6	56.7
85°	39.8	40.1	51.6	47.1	38.7	25.8	33.1	42.4	48.3	30.6	23.9
87.5°	16.2	17.3	32.0	25.4	24.3	12.9	15.5	18.8	23.9	12.9	10.3
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)