

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: P672878

Luminaire Tested: **CCP-SA-1E-830-U-RW**

Issue Date: 04/16/2023



**Test Information**

Test Method: LM-79-08  
Report Number: P672878  
Test Lab: INNOVATION CENTER(G2)  
Issue Date: 04/16/2023  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: INVUE  
Catalog Number: CCP-SA-1E-830-U-RW  
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @1050mA w/ RW distribution lens  
Light Source: (16) 3000K CCT, 80 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

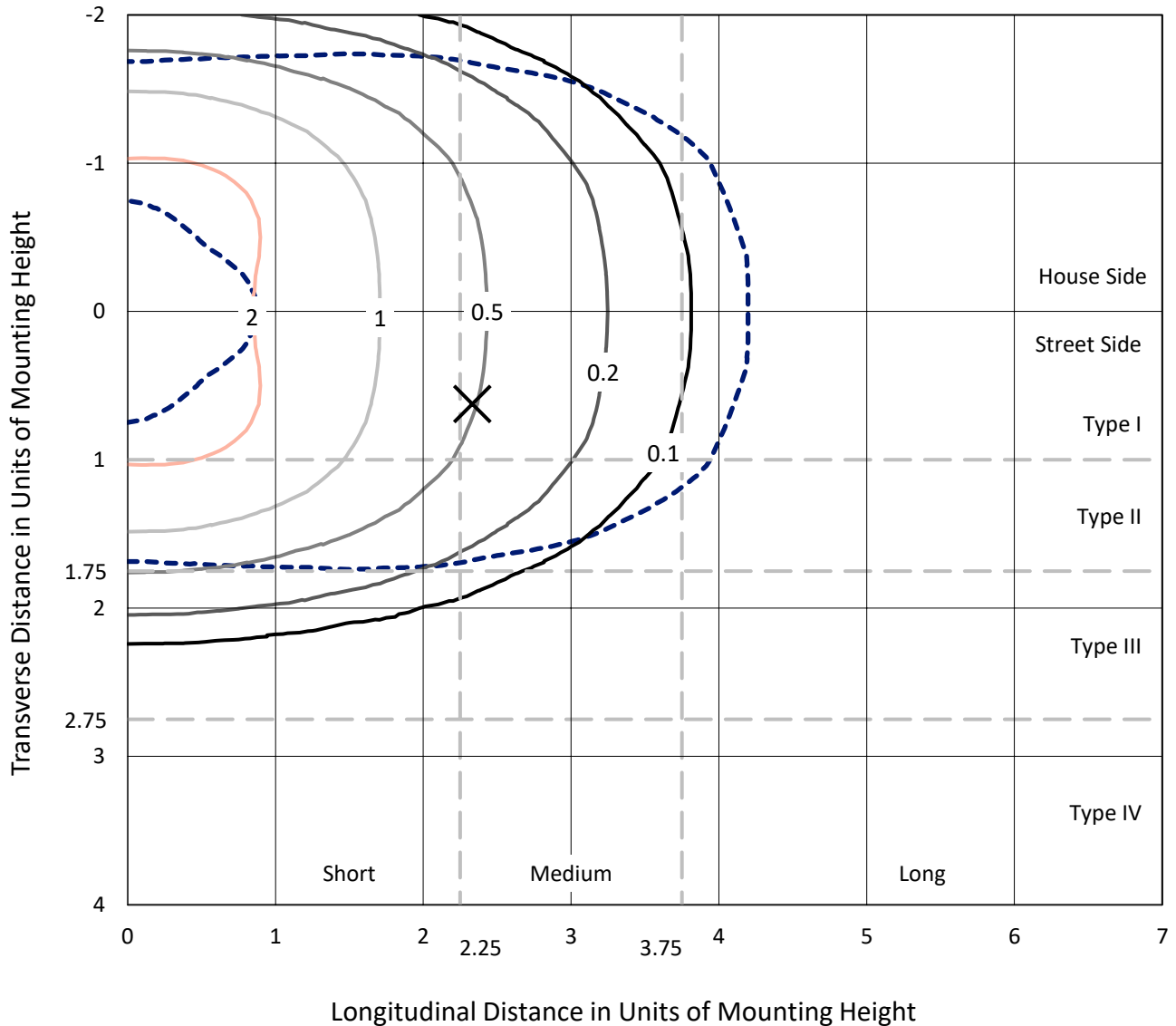
Lumens per Lamp: N/A  
Luminaire Lumens: 5526.4 lumens  
Efficiency: N/A  
Efficacy: 98.5 lumens/watt  
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')  
IES Classification: Type II - Medium  
BUG Rating: B2 - U0 - G2

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

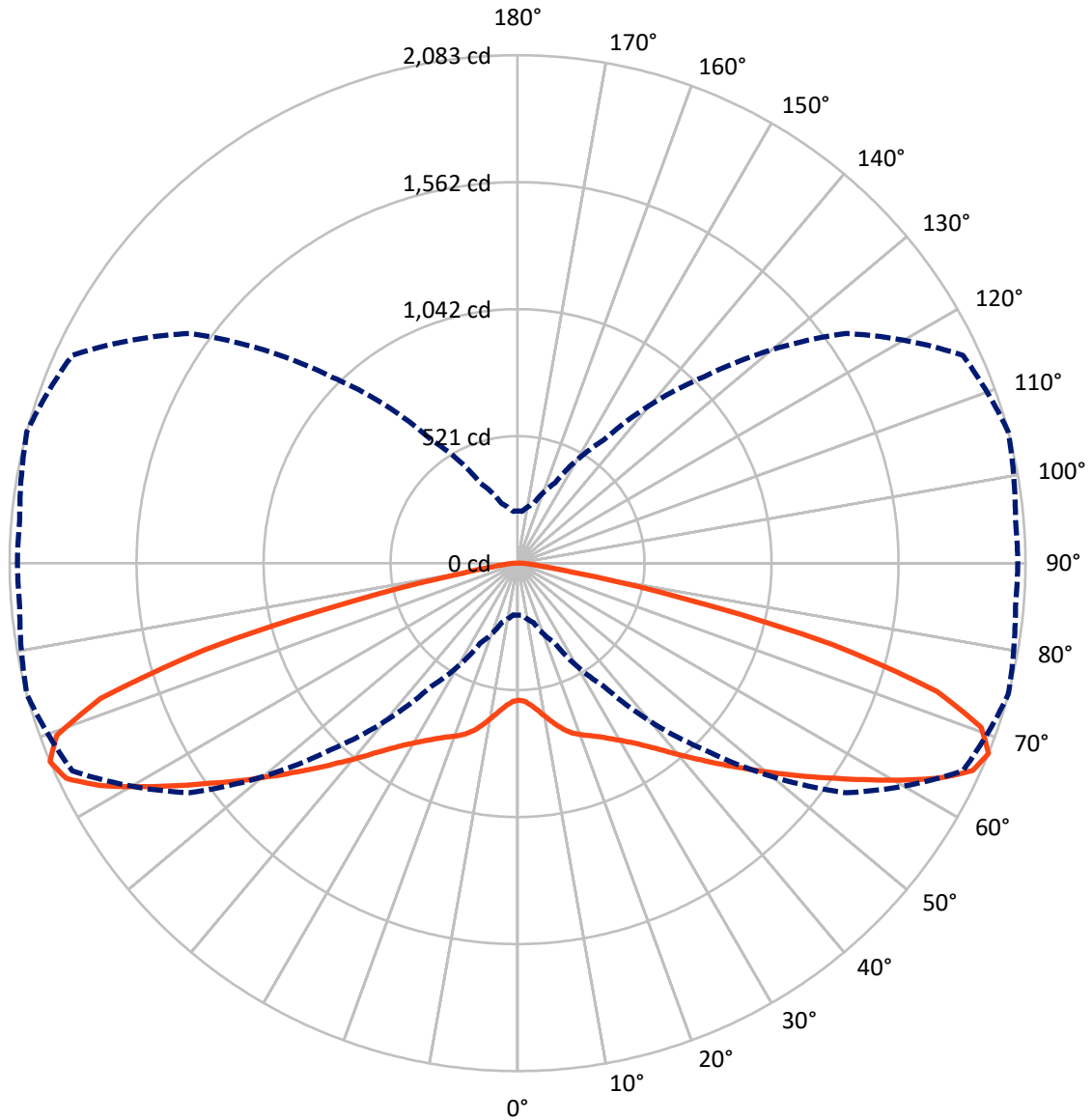
× Max cd  
 - - - 1/2 Max cd



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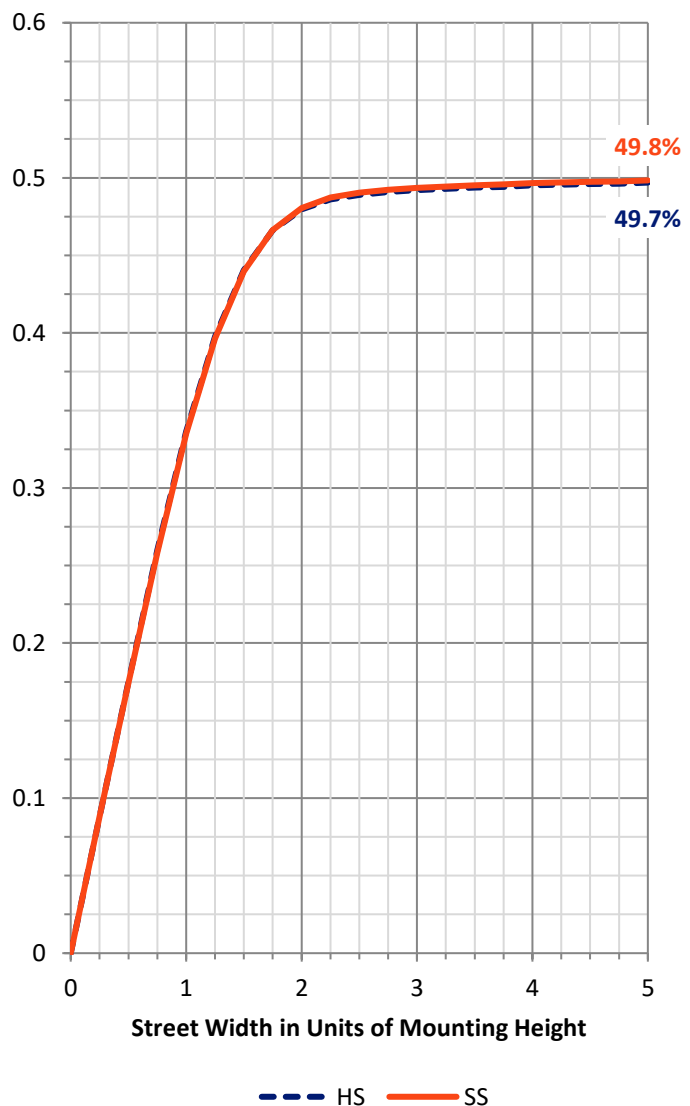
**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	2763.2	0.0	2763.2
	% Fixture	50.0	0.0	50.0
<b>Street Side</b>	Lumens	2763.2	0.0	2763.2
	% Fixture	50.0	0.0	50.0
<b>Total</b>	Lumens	5526.4	0.0	5526.4
	% Fixture	100.0	0.0	100.0

**Coefficient of Utilization**

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	55.6	1.0
10°-20°	187.5	3.4
20°-30°	366.0	6.6
30°-40°	631.5	11.4
40°-50°	1022.9	18.5
50°-60°	1391.2	25.2
60°-70°	1283.4	23.2
70°-80°	537.0	9.7
80°-90°	51.3	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°	5526.4	100.0
0°-180°	5526.4	100.0

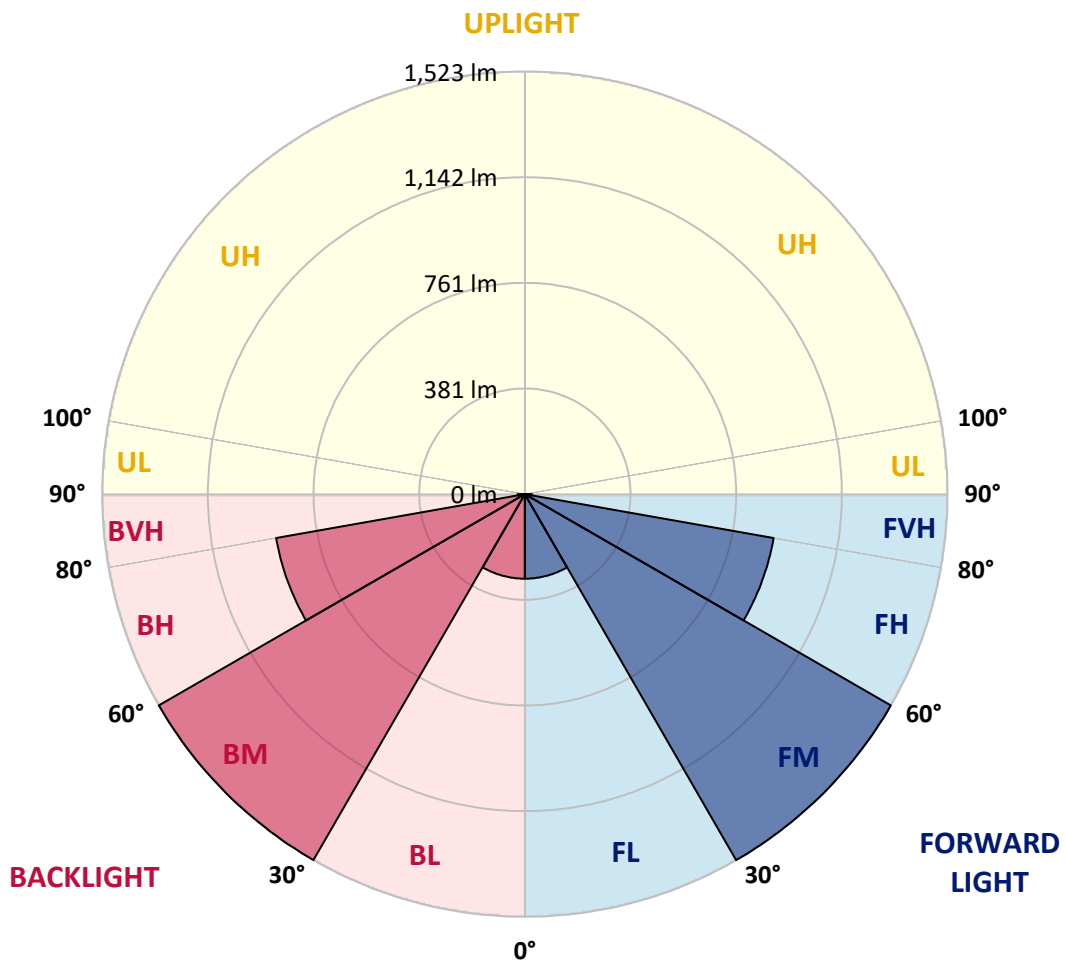


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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	304.6	5.5			
FM (30°-60°)	1522.8	27.6			
FH (60°-80°)	910.2	16.5			G1/1800
FVH (80°-90°)	25.6	0.5			G1/100
BL (0°-30°)	304.6	5.5	B1/500		
BM (30°-60°)	1522.8	27.6	B2/2500		
BH (60°-80°)	910.2	16.5	B2/1000		G2/1000
BVH (80°-90°)	25.6	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°	562.2	562.2	562.2	562.2	562.2	562.2	562.2	562.2	562.2	562.2	562.2
2.5°	558.6	558.6	560.2	562.2	563.0	564.6	565.0	565.0	567.4	567.0	567.4
5°	557.1	557.1	559.8	563.4	567.4	572.2	576.9	579.7	585.7	586.9	587.3
7.5°	558.6	559.0	563.0	569.0	575.7	584.5	593.6	601.2	611.1	614.7	617.1
10°	564.6	565.0	570.2	578.5	588.8	601.6	614.7	626.6	642.5	649.6	650.8
12.5°	573.7	574.1	581.7	595.2	609.9	625.8	640.5	655.6	675.5	686.2	688.6
15°	587.7	586.5	598.4	618.2	638.9	658.8	671.9	686.6	707.6	721.6	725.1
17.5°	606.7	607.5	622.2	647.6	673.1	693.3	706.5	714.8	733.1	747.4	751.0
20°	630.6	634.1	652.8	682.2	712.0	733.5	742.6	741.4	751.7	764.1	766.8
22.5°	664.3	666.7	689.4	722.3	756.5	778.8	782.3	769.2	768.8	776.8	780.4
25°	704.1	706.1	729.9	768.0	804.2	827.6	824.1	801.4	789.5	789.9	792.3
27.5°	750.6	754.5	779.2	818.1	855.5	876.9	871.7	838.8	815.3	808.2	806.6
30°	811.0	815.3	840.4	877.7	910.7	929.8	921.8	880.1	845.1	833.2	830.8
32.5°	889.6	889.2	915.1	951.2	974.3	986.6	971.1	923.8	879.7	863.8	860.6
35°	970.7	974.7	1000.1	1035.0	1052.5	1053.3	1028.7	975.4	923.0	895.6	889.6
37.5°	1062.1	1064.1	1093.5	1126.4	1138.0	1131.6	1095.0	1035.8	975.4	946.4	936.1
40°	1155.8	1157.8	1192.0	1223.8	1236.5	1221.4	1173.3	1102.6	1037.4	1005.6	999.7
42.5°	1242.9	1248.0	1286.2	1323.5	1335.8	1318.3	1260.3	1175.7	1103.0	1072.4	1064.4
45°	1315.2	1320.7	1363.6	1411.3	1433.2	1418.9	1353.3	1257.9	1178.5	1145.5	1132.0
47.5°	1369.6	1376.8	1422.4	1479.7	1522.2	1519.4	1452.2	1345.0	1259.5	1220.6	1208.3
50°	1406.9	1414.5	1463.8	1525.4	1589.3	1610.8	1552.8	1441.1	1349.7	1306.0	1297.7
52.5°	1409.7	1416.5	1472.9	1549.6	1635.0	1682.3	1651.7	1542.4	1449.1	1403.8	1397.8
55°	1347.7	1352.5	1427.6	1529.7	1653.7	1737.1	1741.9	1652.9	1555.2	1509.5	1506.7
57.5°	1205.5	1212.3	1302.1	1437.1	1622.7	1772.5	1820.2	1768.5	1675.1	1632.2	1629.9
60°	973.9	982.6	1085.1	1264.7	1510.7	1763.4	1886.5	1877.0	1806.3	1764.5	1763.0
62.5°	687.0	690.2	797.0	994.9	1291.3	1666.4	1918.7	1982.7	1942.2	1900.0	1902.4
65°	403.7	408.1	486.3	664.3	979.4	1443.5	1863.1	2056.2	2051.0	2012.5	2016.5
67.5°	213.4	213.4	252.7	363.2	615.9	1080.7	1641.8	2015.7	2083.2	2049.4	2051.4
70°	147.4	147.0	154.2	182.4	297.6	669.9	1228.1	1803.5	2017.6	2004.9	2010.1
72.5°	124.8	124.0	124.4	128.3	151.4	302.8	745.8	1389.1	1798.7	1818.2	1822.6
75°	109.3	108.1	107.3	106.5	108.5	137.5	340.1	857.0	1333.4	1455.8	1453.4
77.5°	94.2	93.4	92.6	89.8	86.6	90.2	139.1	385.4	685.8	809.4	800.6
80°	77.5	77.5	78.7	74.7	68.7	66.4	83.0	143.8	227.7	237.6	218.5
82.5°	60.8	60.8	66.8	61.2	54.0	48.1	57.6	76.7	92.6	75.1	61.2
85°	42.9	43.3	55.6	50.9	41.7	27.8	35.8	45.7	52.1	33.0	25.8
87.5°	17.5	18.7	34.6	27.4	26.2	13.9	16.7	20.3	25.8	13.9	11.1
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)