

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: P672796

Luminaire Tested: **CCP-SA-2E-722-U-RW**

Issue Date: 04/16/2023



**Test Information**

Test Method: LM-79-08  
Report Number: P672796  
Test Lab: INNOVATION CENTER(G2)  
Issue Date: 04/16/2023  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: INVUE  
Catalog Number: CCP-SA-2E-722-U-RW  
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @1050mA w/ RW distribution lens  
Light Source: (32) 2200K CCT, 70 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

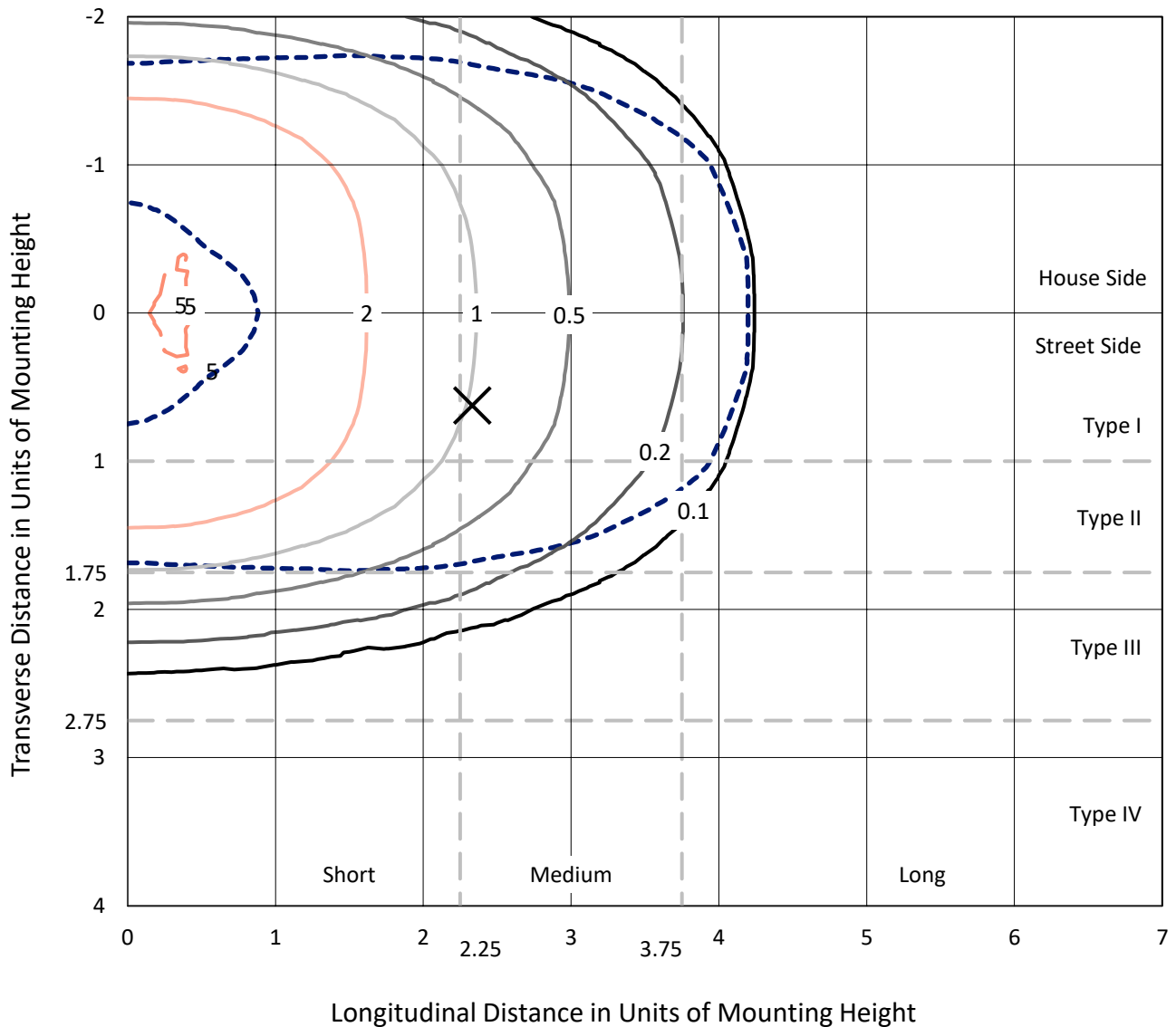
Lumens per Lamp: N/A  
Luminaire Lumens: 10245.2 lumens  
Efficiency: N/A  
Efficacy: 96.1 lumens/watt  
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')  
IES Classification: Type II - Medium  
BUG Rating: B3 - U0 - G3

Input Watts (W): 106.6  
Input Voltage (V): 120  
Input Current (A<sub>in</sub>): 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

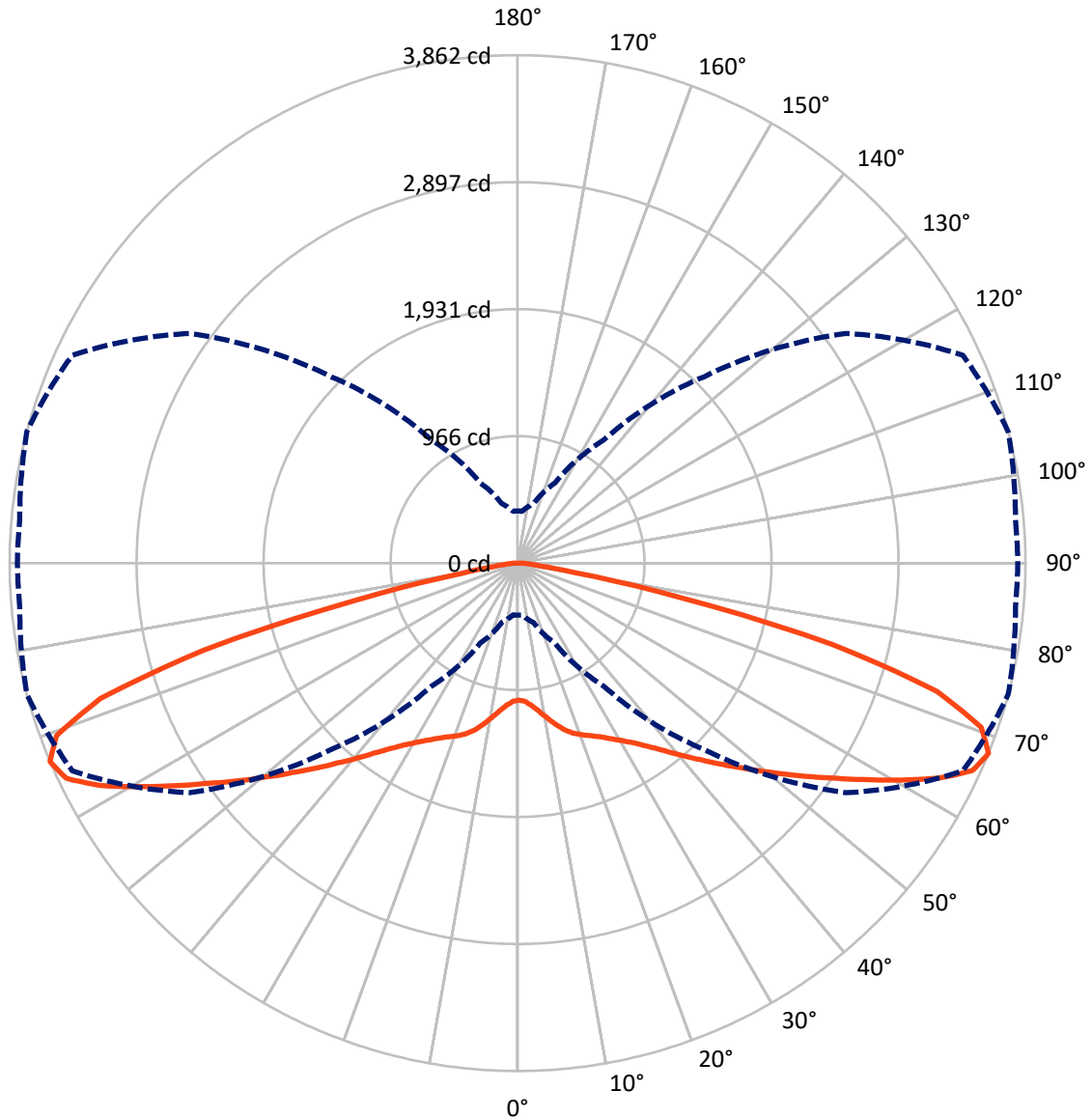
× Max cd  
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 5.3 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
<b>House Side</b>	Lumens	5122.6	0.0	5122.6
	% Fixture	50.0	0.0	50.0
<b>Street Side</b>	Lumens	5122.6	0.0	5122.6
	% Fixture	50.0	0.0	50.0
<b>Total</b>	Lumens	10245.2	0.0	10245.2
	% Fixture	100.0	0.0	100.0

**Coefficient of Utilization**

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	103.1	1.0
10°-20°	347.5	3.4
20°-30°	678.6	6.6
30°-40°	1170.7	11.4
40°-50°	1896.3	18.5
50°-60°	2579.0	25.2
60°-70°	2379.3	23.2
70°-80°	995.6	9.7
80°-90°	95.0	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°	10245.2	100.0
0°-180°	10245.2	100.0



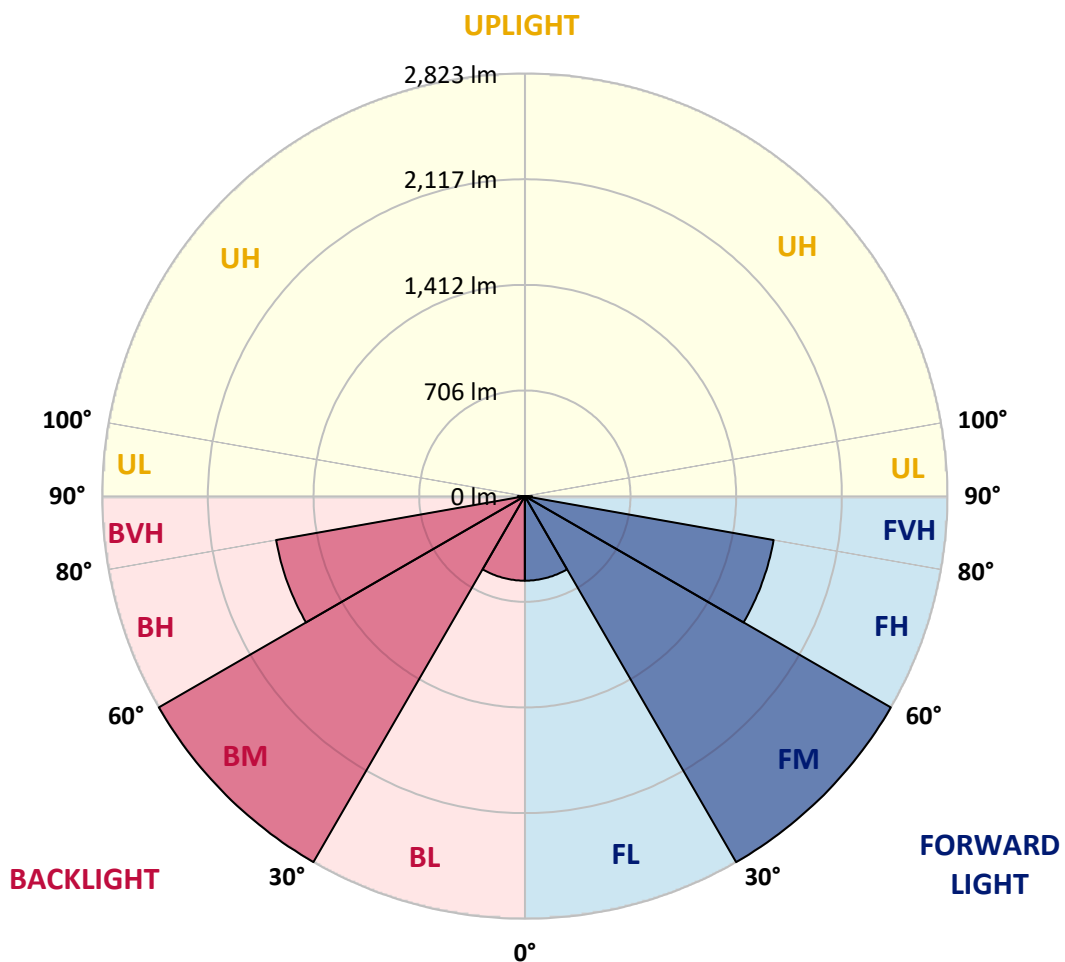
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	564.6	5.5			
FM (30°-60°)	2823.0	27.6			
FH (60°-80°)	1687.4	16.5			G1/1800
FVH (80°-90°)	47.5	0.5			G1/100
BL (0°-30°)	564.6	5.5	B2/1000		
BM (30°-60°)	2823.0	27.6	B3/5000		
BH (60°-80°)	1687.4	16.5	B3/2500		G3/2500
BVH (80°-90°)	47.5	0.5			G1/100
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

**BUG Rating: B3-U0-G3**

Type II Medium





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**CANDELA DISTRIBUTION (FULL):**

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	1042.3	1042.3	1042.3	1042.3	1042.3	1042.3	1042.3	1042.3	1042.3	1042.3	1042.3
2.5°	1035.7	1035.7	1038.6	1042.3	1043.8	1046.7	1047.4	1047.4	1051.9	1051.1	1051.9
5°	1032.7	1032.7	1037.9	1044.5	1051.9	1060.7	1069.5	1074.7	1085.8	1088.0	1088.7
7.5°	1035.7	1036.4	1043.8	1054.8	1067.3	1083.5	1100.5	1114.5	1132.9	1139.5	1143.9
10°	1046.7	1047.4	1057.0	1072.5	1091.6	1115.2	1139.5	1161.6	1191.1	1204.3	1206.6
12.5°	1063.7	1064.4	1078.4	1103.4	1130.7	1160.1	1187.4	1215.4	1252.2	1272.1	1276.5
15°	1089.4	1087.2	1109.3	1146.2	1184.5	1221.3	1245.6	1272.8	1311.9	1337.7	1344.3
17.5°	1124.8	1126.3	1153.5	1200.7	1247.8	1285.4	1309.7	1325.1	1359.0	1385.5	1392.2
20°	1169.0	1175.6	1210.2	1264.7	1320.0	1359.8	1376.7	1374.5	1393.7	1416.5	1421.6
22.5°	1231.6	1236.0	1278.0	1339.1	1402.5	1443.7	1450.4	1426.1	1425.3	1440.1	1446.7
25°	1305.3	1308.9	1353.1	1423.9	1490.9	1534.3	1527.7	1485.7	1463.6	1464.4	1468.8
27.5°	1391.4	1398.8	1444.5	1516.7	1585.9	1625.7	1616.1	1555.0	1511.5	1498.3	1495.3
30°	1503.4	1511.5	1557.9	1627.2	1688.3	1723.7	1708.9	1631.6	1566.8	1544.7	1540.2
32.5°	1649.3	1648.5	1696.4	1763.4	1806.1	1829.0	1800.3	1712.6	1630.8	1601.4	1595.5
35°	1799.5	1806.9	1854.0	1918.9	1951.3	1952.7	1907.1	1808.4	1711.1	1660.3	1649.3
37.5°	1968.9	1972.6	2027.1	2088.3	2109.6	2097.8	2030.1	1920.3	1808.4	1754.6	1735.4
40°	2142.8	2146.5	2209.8	2268.7	2292.3	2264.3	2175.2	2044.1	1923.3	1864.3	1853.3
42.5°	2304.1	2313.7	2384.4	2453.6	2476.5	2444.0	2336.5	2179.6	2044.8	1988.1	1973.4
45°	2438.2	2448.5	2528.0	2616.4	2656.9	2630.4	2508.9	2332.1	2184.8	2123.6	2098.6
47.5°	2539.1	2552.3	2637.0	2743.1	2821.9	2816.8	2692.3	2493.4	2335.0	2262.8	2240.0
50°	2608.3	2622.3	2713.6	2827.8	2946.4	2986.2	2878.6	2671.7	2502.2	2421.2	2405.7
52.5°	2613.5	2626.0	2730.6	2872.8	3031.1	3118.8	3062.1	2859.5	2686.4	2602.4	2591.4
55°	2498.6	2507.4	2646.6	2835.9	3065.7	3220.4	3229.3	3064.3	2883.1	2798.4	2793.2
57.5°	2234.9	2247.4	2413.8	2664.3	3008.3	3286.0	3374.4	3278.6	3105.5	3026.0	3021.5
60°	1805.4	1821.6	2011.7	2344.6	2800.6	3269.0	3497.4	3479.7	3348.6	3271.3	3268.3
62.5°	1273.6	1279.5	1477.6	1844.5	2394.0	3089.3	3557.1	3675.6	3600.5	3522.4	3526.9
65°	748.4	756.5	901.6	1231.6	1815.7	2676.1	3453.9	3811.9	3802.3	3730.9	3738.3
67.5°	395.6	395.6	468.5	673.3	1141.7	2003.6	3043.6	3736.8	3862.0	3799.4	3803.1
70°	273.3	272.5	285.8	338.1	551.7	1241.9	2276.8	3343.4	3740.5	3716.9	3726.5
72.5°	231.3	229.8	230.6	237.9	280.6	561.3	1382.6	2575.2	3334.6	3370.7	3378.8
75°	202.6	200.4	198.9	197.4	201.1	254.9	630.5	1588.9	2472.0	2698.9	2694.5
77.5°	174.6	173.1	171.6	166.5	160.6	167.2	257.8	714.5	1271.4	1500.5	1484.3
80°	143.6	143.6	145.8	138.5	127.4	123.0	153.9	266.7	422.1	440.5	405.1
82.5°	112.7	112.7	123.7	113.4	100.2	89.1	106.8	142.2	171.6	139.2	113.4
85°	79.6	80.3	103.1	94.3	77.3	51.6	66.3	84.7	96.5	61.1	47.9
87.5°	32.4	34.6	64.1	50.8	48.6	25.8	30.9	37.6	47.9	25.8	20.6
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)