

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: P672812

Luminaire Tested: **CCP-SA-1E-730-U-RW**

Issue Date: 04/16/2023



**Test Information**

Test Method: LM-79-08  
Report Number: P672812  
Test Lab: INNOVATION CENTER(G2)  
Issue Date: 04/16/2023  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: INVUE  
Catalog Number: CCP-SA-1E-730-U-RW  
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @1050mA w/ RW distribution lens  
Light Source: (16) 3000K CCT, 70 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

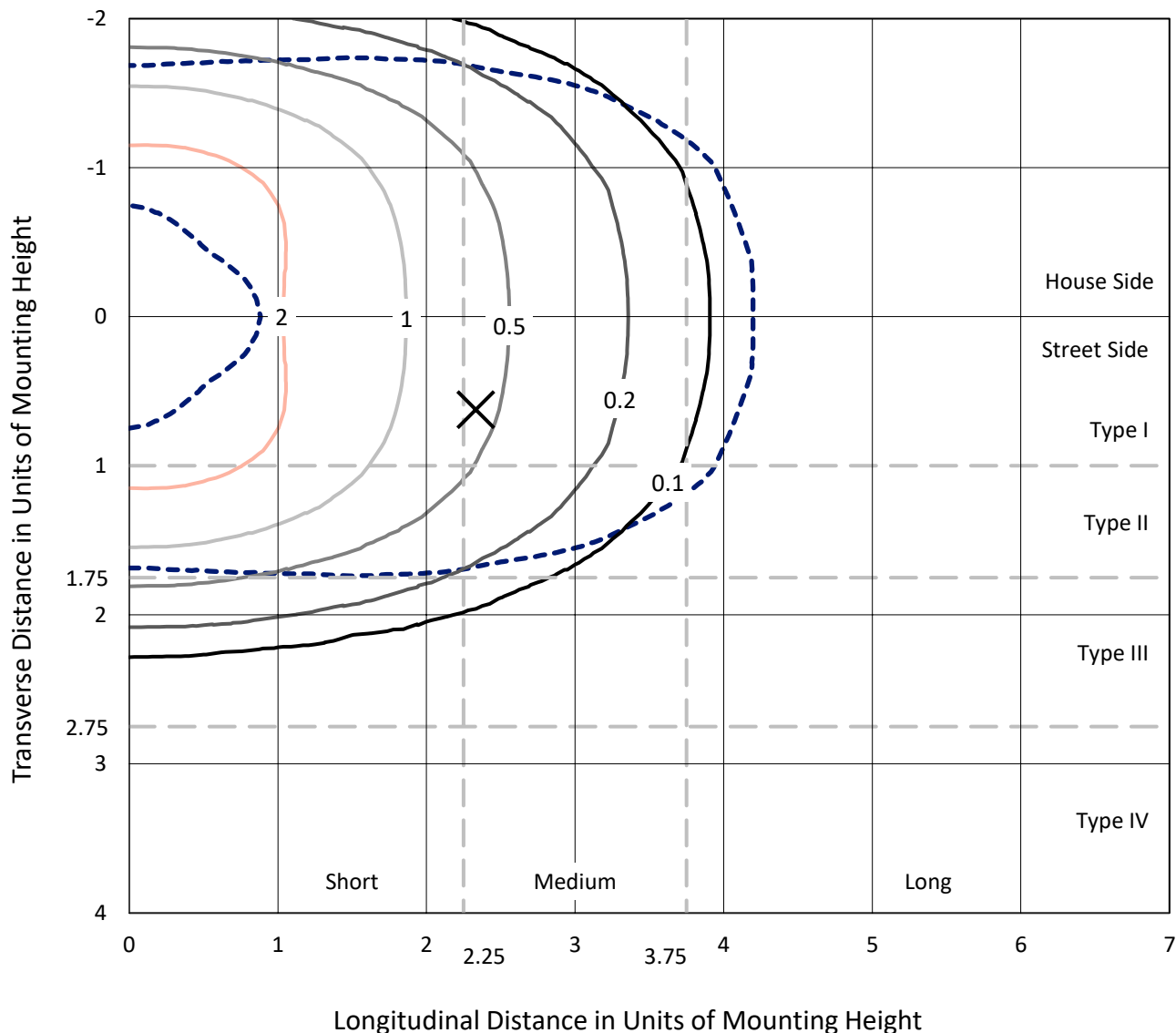
Lumens per Lamp: N/A  
Luminaire Lumens: 6333.1 lumens  
Efficiency: N/A  
Efficacy: 112.9 lumens/watt  
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')  
IES Classification: Type II - Medium  
BUG Rating: B3 - U0 - G3

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

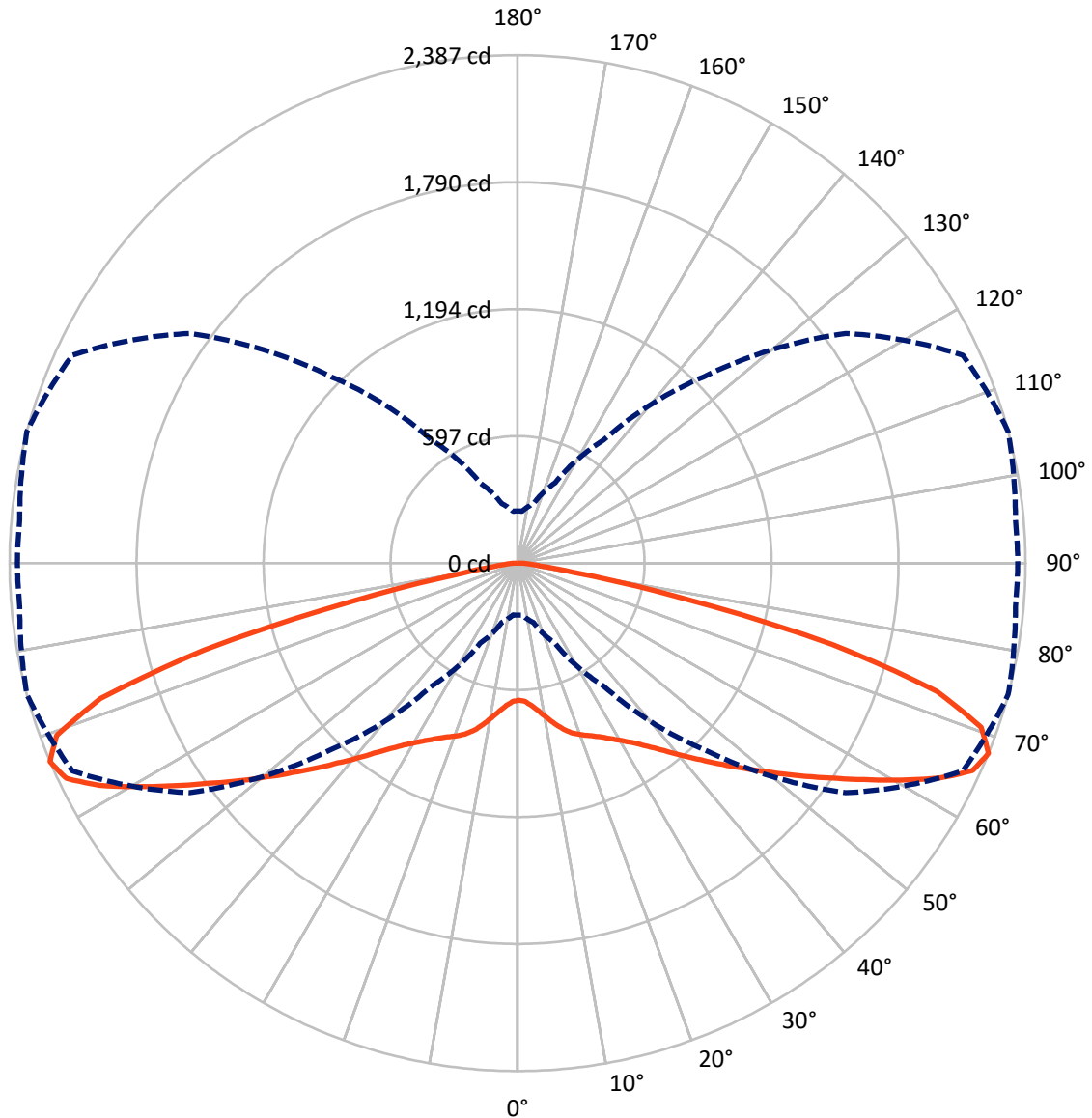
× Max cd  
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 3.3 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	3166.6	0.0	3166.6
	% Fixture	50.0	0.0	50.0
<b>Street Side</b>	Lumens	3166.6	0.0	3166.6
	% Fixture	50.0	0.0	50.0
<b>Total</b>	Lumens	6333.1	0.0	6333.1
	% Fixture	100.0	0.0	100.0

**Coefficient of Utilization**

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	63.8	1.0
10°-20°	214.8	3.4
20°-30°	419.5	6.6
30°-40°	723.7	11.4
40°-50°	1172.2	18.5
50°-60°	1594.2	25.2
60°-70°	1470.7	23.2
70°-80°	615.4	9.7
80°-90°	58.8	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°	6333.1	100.0
0°-180°	6333.1	100.0



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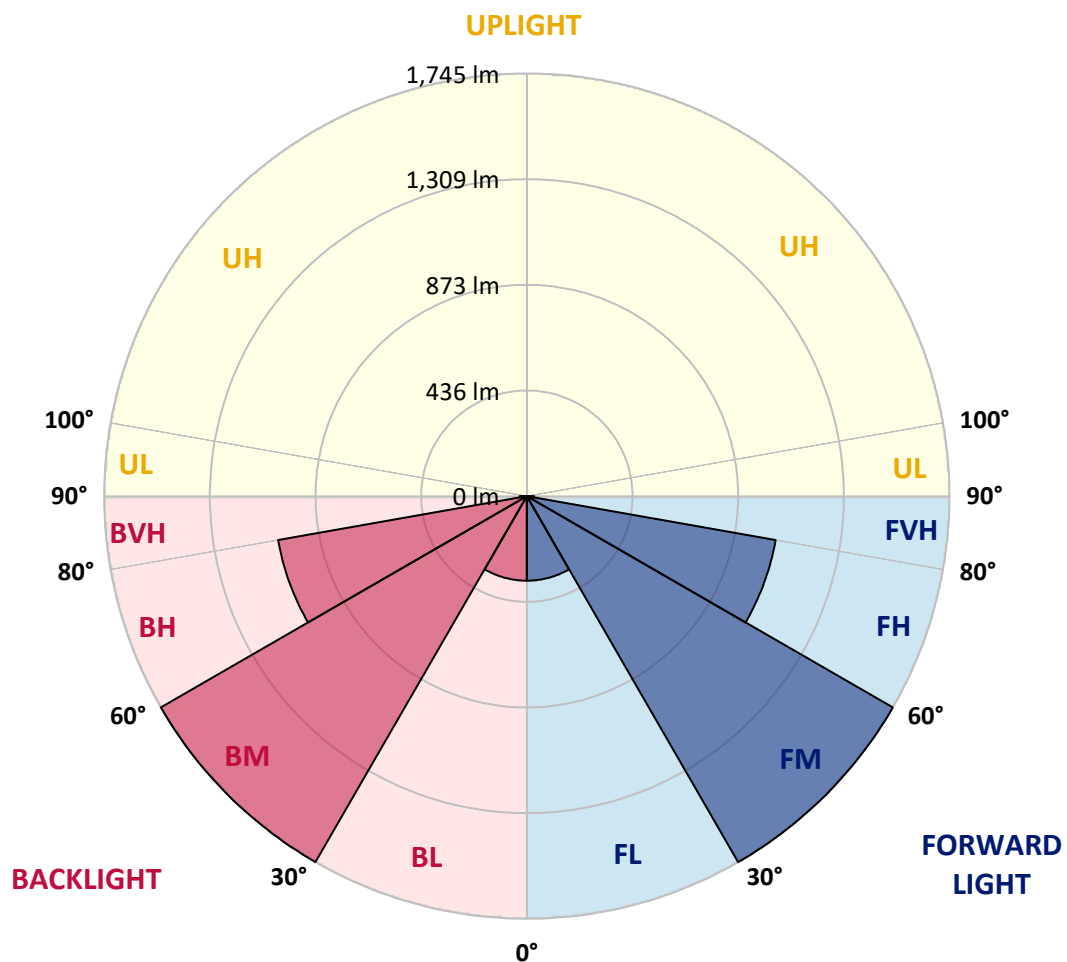
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	349.0	5.5			
FM (30°-60°)	1745.1	27.6			
FH (60°-80°)	1043.1	16.5			G1/1800
FVH (80°-90°)	29.4	0.5			G1/100
BL (0°-30°)	349.0	5.5	B1/500		
BM (30°-60°)	1745.1	27.6	B2/2500		
BH (60°-80°)	1043.1	16.5	B3/2500		G3/2500
BVH (80°-90°)	29.4	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°	644.3	644.3	644.3	644.3	644.3	644.3	644.3	644.3	644.3	644.3	644.3
2.5°	640.2	640.2	642.0	644.3	645.2	647.0	647.5	647.5	650.2	649.8	650.2
5°	638.4	638.4	641.6	645.7	650.2	655.7	661.1	664.3	671.2	672.5	673.0
7.5°	640.2	640.7	645.2	652.0	659.8	669.8	680.3	688.9	700.3	704.4	707.1
10°	647.0	647.5	653.4	663.0	674.8	689.4	704.4	718.1	736.3	744.5	745.8
12.5°	657.5	658.0	666.6	682.1	698.9	717.2	734.0	751.3	774.1	786.4	789.1
15°	673.4	672.1	685.7	708.5	732.2	754.9	770.0	786.8	811.0	826.9	831.0
17.5°	695.3	696.2	713.1	742.2	771.3	794.6	809.6	819.1	840.1	856.5	860.6
20°	722.6	726.7	748.1	781.8	816.0	840.5	851.0	849.7	861.5	875.6	878.8
22.5°	761.3	764.1	790.0	827.8	867.0	892.5	896.6	881.5	881.1	890.2	894.3
25°	806.9	809.1	836.5	880.2	921.6	948.5	944.4	918.4	904.8	905.2	907.9
27.5°	860.1	864.7	892.9	937.5	980.3	1004.9	999.0	961.2	934.3	926.2	924.3
30°	929.3	934.3	963.0	1005.8	1043.6	1065.5	1056.4	1008.6	968.5	954.8	952.1
32.5°	1019.5	1019.0	1048.6	1090.1	1116.5	1130.6	1112.8	1058.7	1008.1	989.9	986.3
35°	1112.4	1116.9	1146.1	1186.1	1206.2	1207.1	1178.9	1117.8	1057.7	1026.3	1019.5
37.5°	1217.1	1219.4	1253.1	1290.9	1304.1	1296.8	1254.9	1187.1	1117.8	1084.6	1072.8
40°	1324.6	1326.8	1366.0	1402.4	1417.0	1399.7	1344.6	1263.6	1188.9	1152.5	1145.6
42.5°	1424.3	1430.2	1473.9	1516.7	1530.8	1510.8	1444.3	1347.3	1264.0	1228.9	1219.8
45°	1507.2	1513.5	1562.7	1617.4	1642.4	1626.0	1550.9	1441.6	1350.5	1312.7	1297.2
47.5°	1569.5	1577.7	1630.1	1695.7	1744.4	1741.2	1664.2	1541.3	1443.4	1398.8	1384.7
50°	1612.3	1621.0	1677.5	1748.0	1821.3	1845.9	1779.4	1651.5	1546.8	1496.7	1487.1
52.5°	1615.5	1623.3	1687.9	1775.8	1873.7	1927.9	1892.8	1767.6	1660.6	1608.7	1601.9
55°	1544.5	1550.0	1636.0	1753.0	1895.1	1990.7	1996.2	1894.2	1782.2	1729.8	1726.6
57.5°	1381.5	1389.2	1492.1	1646.9	1859.6	2031.2	2085.9	2026.7	1919.7	1870.5	1867.8
60°	1116.0	1126.0	1243.5	1449.3	1731.2	2020.8	2161.9	2151.0	2070.0	2022.1	2020.3
62.5°	787.3	790.9	913.4	1140.2	1479.8	1909.7	2198.8	2272.1	2225.7	2177.4	2180.1
65°	462.6	467.6	557.3	761.3	1122.4	1654.2	2135.1	2356.4	2350.4	2306.3	2310.8
67.5°	244.5	244.5	289.6	416.2	705.8	1238.5	1881.4	2309.9	2387.3	2348.6	2350.9
70°	168.9	168.5	176.7	209.0	341.0	767.7	1407.4	2066.8	2312.2	2297.6	2303.5
72.5°	143.0	142.1	142.5	147.1	173.5	347.0	854.7	1591.9	2061.3	2083.6	2088.6
75°	125.2	123.9	122.9	122.0	124.3	157.5	389.8	982.2	1528.1	1668.3	1665.6
77.5°	107.9	107.0	106.1	102.9	99.3	103.4	159.4	441.7	785.9	927.5	917.5
80°	88.8	88.8	90.2	85.6	78.8	76.0	95.2	164.8	260.9	272.3	250.4
82.5°	69.7	69.7	76.5	70.1	61.9	55.1	66.0	87.9	106.1	86.1	70.1
85°	49.2	49.6	63.7	58.3	47.8	31.9	41.0	52.4	59.6	37.8	29.6
87.5°	20.0	21.4	39.6	31.4	30.1	15.9	19.1	23.2	29.6	15.9	12.7
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)