

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: P672794

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

Issue Date: 04/16/2023



Test Information

Test Method: LM-79-08
Report Number: P672794
Test Lab: INNOVATION CENTER(G2)
Issue Date: 04/16/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: CCP-SA-2C-722-U-RW
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @615mA w/ RW distribution lens
Light Source: (32) 2200K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

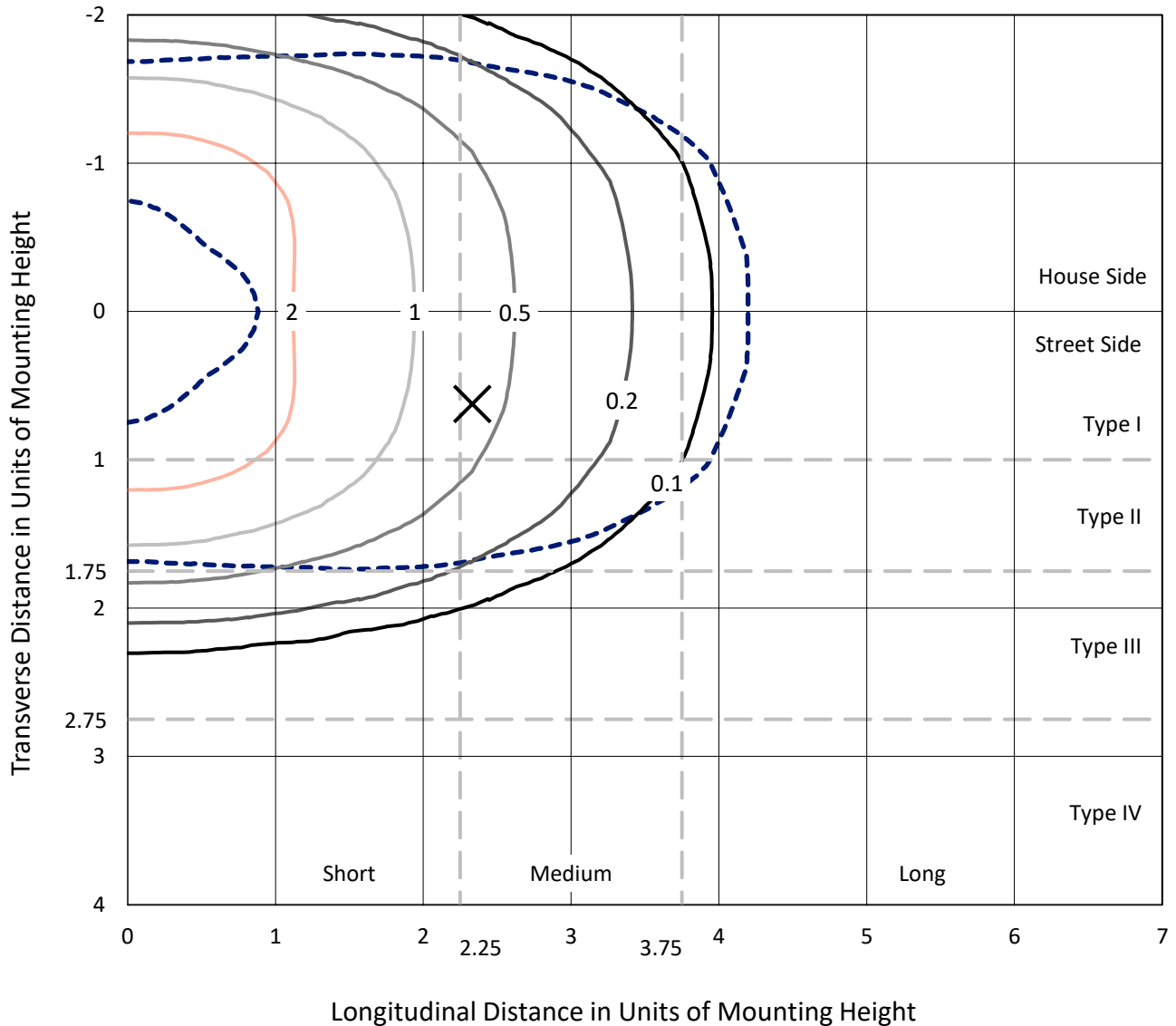
Lumens per Lamp: N/A
Luminaire Lumens: 6774.8 lumens
Efficiency: N/A
Efficacy: 109.1 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type II - Medium
BUG Rating: B3 - U0 - G3

Input Watts (W): 62.1
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

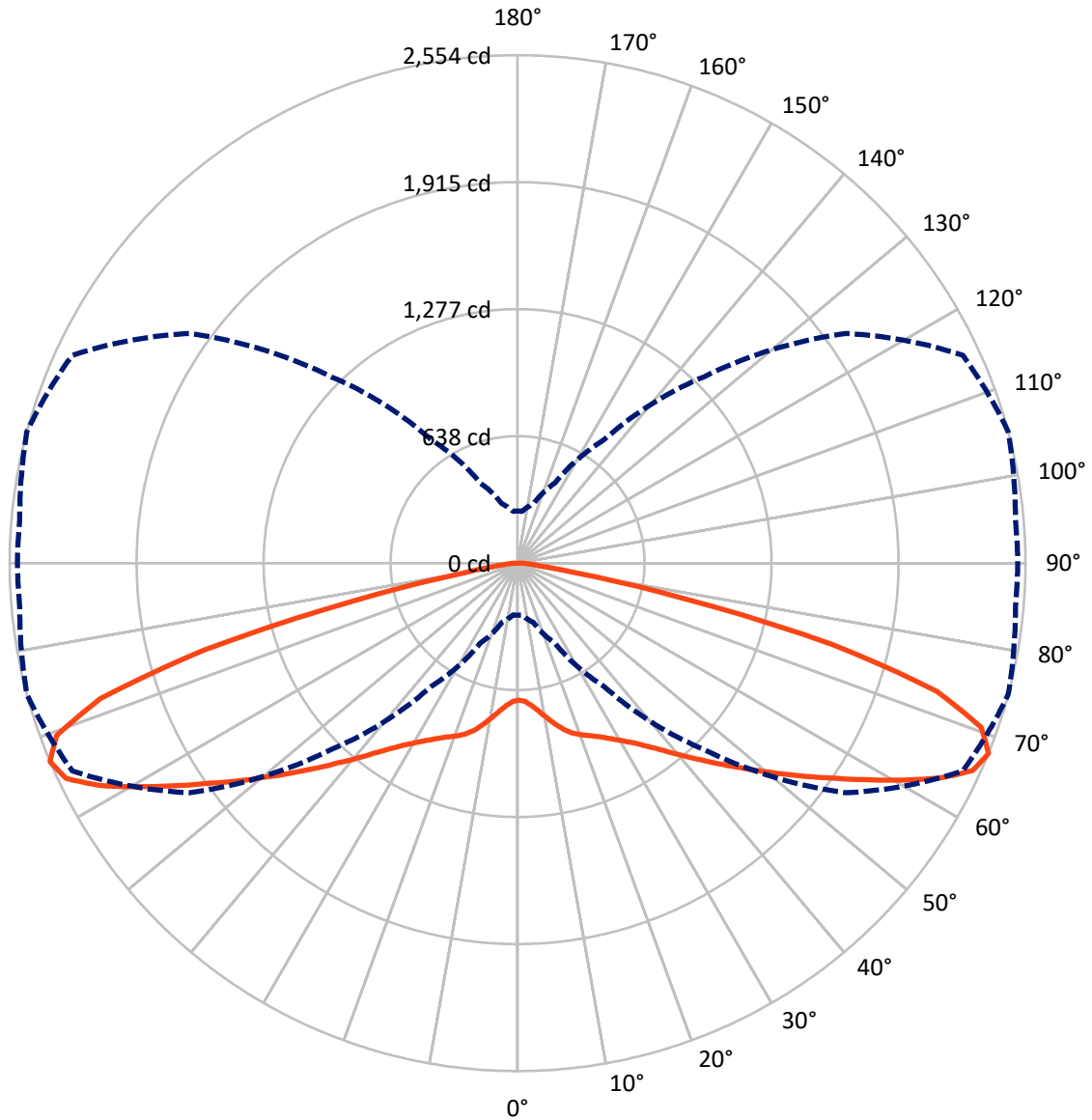
× Max cd
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 3.5 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	3387.4	0.0	3387.4
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	3387.4	0.0	3387.4
	% Fixture	50.0	0.0	50.0
Total	Lumens	6774.8	0.0	6774.8
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	68.2	1.0
10°-20°	229.8	3.4
20°-30°	448.7	6.6
30°-40°	774.1	11.4
40°-50°	1254.0	18.5
50°-60°	1705.4	25.2
60°-70°	1573.3	23.2
70°-80°	658.3	9.7
80°-90°	62.8	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°	6774.8	100.0
0°-180°	6774.8	100.0



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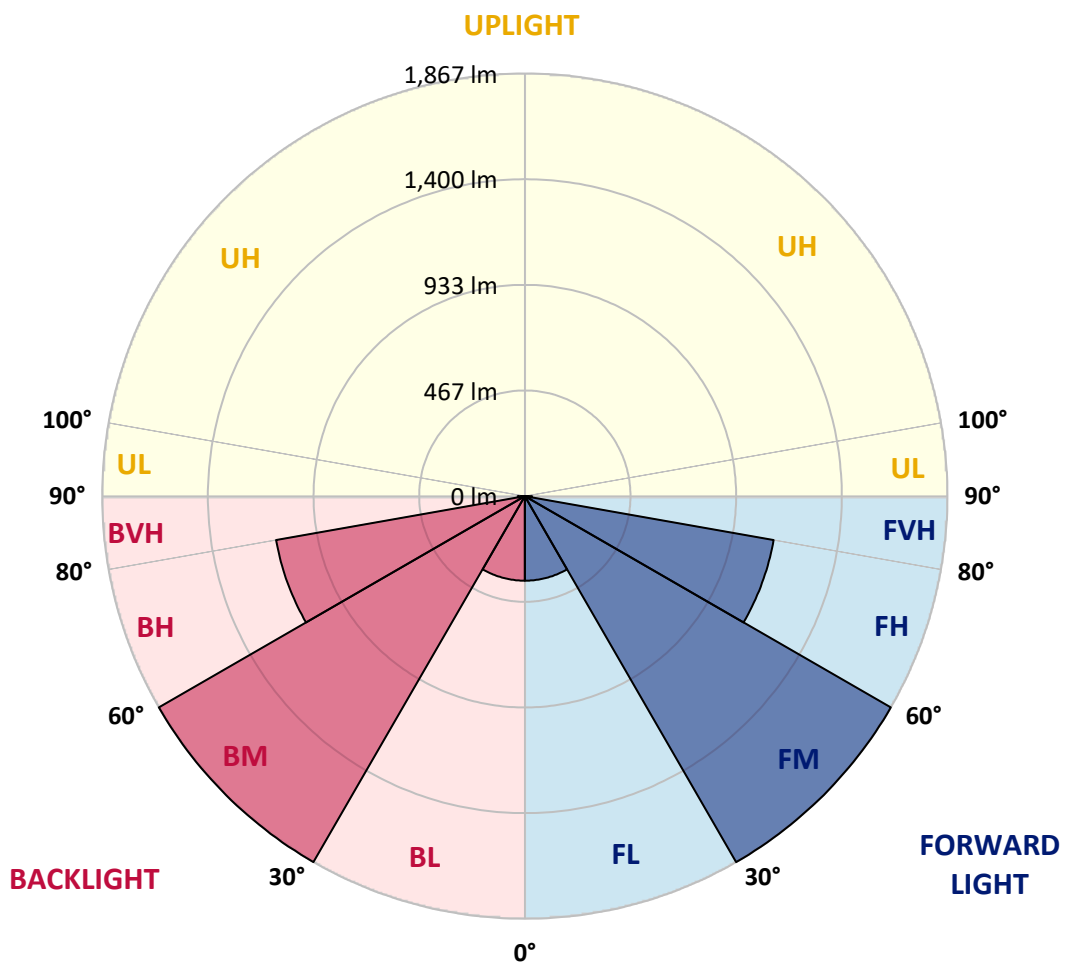
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	373.4	5.5			
FM (30°-60°)	1866.8	27.6			
FH (60°-80°)	1115.8	16.5			G1/1800
FVH (80°-90°)	31.4	0.5			G1/100
BL (0°-30°)	373.4	5.5	B1/500		
BM (30°-60°)	1866.8	27.6	B2/2500		
BH (60°-80°)	1115.8	16.5	B3/2500		G3/2500
BVH (80°-90°)	31.4	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°	689.2	689.2	689.2	689.2	689.2	689.2	689.2	689.2	689.2	689.2	689.2
2.5°	684.8	684.8	686.8	689.2	690.2	692.2	692.6	692.6	695.6	695.1	695.6
5°	682.9	682.9	686.3	690.7	695.6	701.4	707.3	710.7	718.0	719.4	719.9
7.5°	684.8	685.3	690.2	697.5	705.8	716.5	727.7	737.0	749.1	753.5	756.5
10°	692.2	692.6	699.0	709.2	721.9	737.5	753.5	768.1	787.6	796.4	797.9
12.5°	703.4	703.8	713.1	729.7	747.7	767.2	785.2	803.7	828.1	841.2	844.1
15°	720.4	718.9	733.6	757.9	783.2	807.6	823.7	841.7	867.5	884.6	888.9
17.5°	743.8	744.8	762.8	794.0	825.1	850.0	866.0	876.3	898.7	916.2	920.6
20°	773.0	777.4	800.3	836.3	872.9	899.2	910.4	908.9	921.6	936.7	940.1
22.5°	814.4	817.3	845.1	885.5	927.4	954.7	959.1	943.0	942.5	952.3	956.6
25°	863.1	865.6	894.8	941.5	985.9	1014.6	1010.2	982.5	967.8	968.3	971.3
27.5°	920.1	925.0	955.2	1002.9	1048.7	1075.0	1068.7	1028.2	999.5	990.7	988.8
30°	994.2	999.5	1030.2	1076.0	1116.4	1139.8	1130.0	1078.9	1036.0	1021.4	1018.5
32.5°	1090.6	1090.1	1121.8	1166.1	1194.3	1209.4	1190.4	1132.5	1078.4	1058.9	1055.0
35°	1190.0	1194.8	1226.0	1268.9	1290.3	1291.3	1261.1	1195.8	1131.5	1097.9	1090.6
37.5°	1302.0	1304.4	1340.5	1380.9	1395.0	1387.2	1342.4	1269.8	1195.8	1160.2	1147.6
40°	1416.9	1419.4	1461.3	1500.2	1515.8	1497.3	1438.4	1351.7	1271.8	1232.8	1225.5
42.5°	1523.6	1529.9	1576.7	1622.5	1637.6	1616.2	1545.0	1441.3	1352.2	1314.7	1304.9
45°	1612.3	1619.1	1671.7	1730.1	1756.9	1739.4	1659.0	1542.1	1444.7	1404.3	1387.7
47.5°	1679.0	1687.8	1743.8	1813.9	1866.0	1862.6	1780.3	1648.8	1544.1	1496.3	1481.2
50°	1724.8	1734.0	1794.4	1869.9	1948.4	1974.7	1903.5	1766.7	1654.6	1601.1	1590.8
52.5°	1728.2	1736.5	1805.6	1899.7	2004.4	2062.3	2024.8	1890.9	1776.4	1720.9	1713.6
55°	1652.2	1658.1	1750.1	1875.3	2027.3	2129.6	2135.4	2026.3	1906.5	1850.5	1847.0
57.5°	1477.8	1486.1	1596.2	1761.8	1989.3	2172.9	2231.4	2168.0	2053.6	2001.0	1998.0
60°	1193.9	1204.6	1330.2	1550.4	1851.9	2161.7	2312.7	2301.0	2214.3	2163.2	2161.2
62.5°	842.2	846.1	977.1	1219.7	1583.0	2042.9	2352.2	2430.6	2380.9	2329.3	2332.2
65°	494.9	500.2	596.2	814.4	1200.7	1769.6	2284.0	2520.7	2514.4	2467.1	2472.0
67.5°	261.6	261.6	309.8	445.2	755.0	1324.9	2012.7	2471.0	2553.8	2512.4	2514.8
70°	180.7	180.2	189.0	223.6	364.8	821.2	1505.6	2210.9	2473.4	2457.9	2464.2
72.5°	152.9	152.0	152.5	157.3	185.6	371.2	914.3	1702.9	2205.1	2228.9	2234.3
75°	133.9	132.5	131.5	130.5	133.0	168.5	416.9	1050.7	1634.7	1784.7	1781.8
77.5°	115.4	114.5	113.5	110.1	106.2	110.6	170.5	472.5	840.7	992.2	981.5
80°	95.0	95.0	96.4	91.6	84.3	81.3	101.8	176.3	279.1	291.3	267.9
82.5°	74.5	74.5	81.8	75.0	66.2	58.9	70.6	94.0	113.5	92.1	75.0
85°	52.6	53.1	68.2	62.3	51.1	34.1	43.8	56.0	63.8	40.4	31.7
87.5°	21.4	22.9	42.4	33.6	32.1	17.0	20.5	24.8	31.7	17.0	13.6
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)