

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: P672827

Luminaire Tested: **CCP-SA-2C-735-U-RW**

Issue Date: 04/16/2023



Test Information

Test Method: LM-79-08
Report Number: P672827
Test Lab: INNOVATION CENTER(G2)
Issue Date: 04/16/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: CCP-SA-2C-735-U-RW
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @615mA w/ RW distribution lens
Light Source: (32) 3500K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

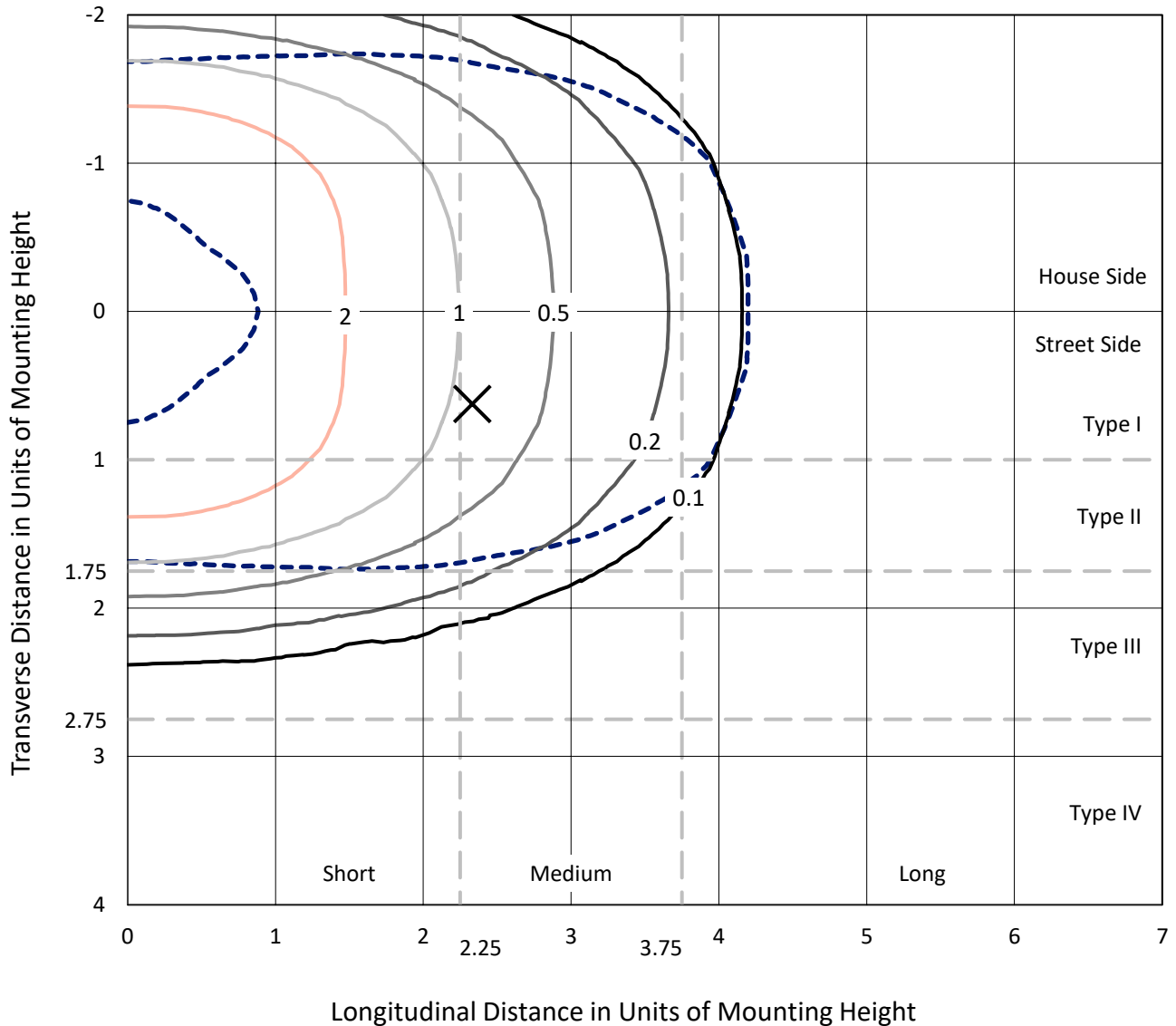
Lumens per Lamp: N/A
Luminaire Lumens: 9071.4 lumens
Efficiency: N/A
Efficacy: 146.1 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type II - Medium
BUG Rating: B3 - U0 - G3

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

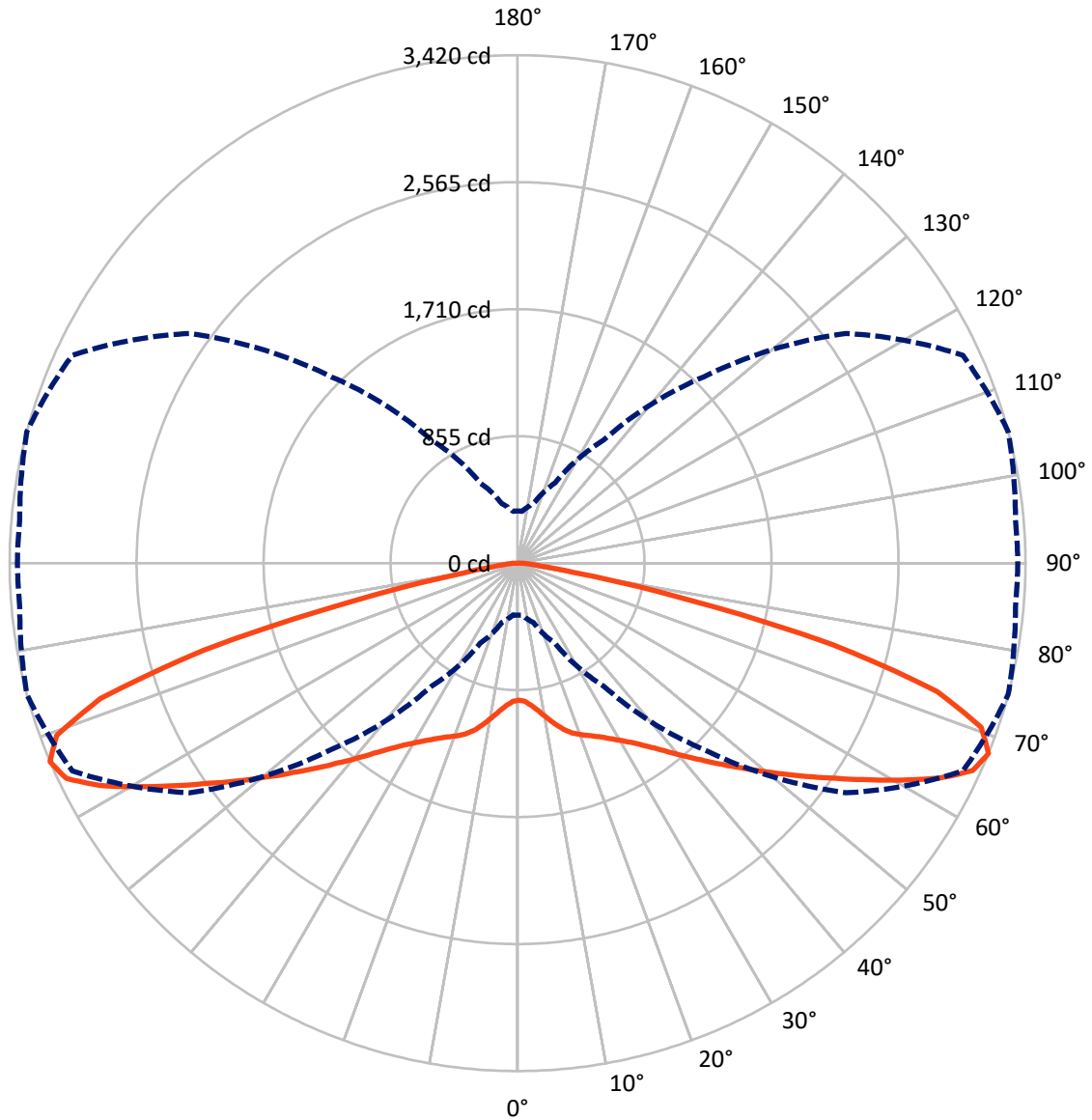
× Max cd
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 4.7 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	4535.7	0.0	4535.7
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	4535.7	0.0	4535.7
	% Fixture	50.0	0.0	50.0
Total	Lumens	9071.4	0.0	9071.4
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	91.3	1.0
10°-20°	307.7	3.4
20°-30°	600.8	6.6
30°-40°	1036.6	11.4
40°-50°	1679.1	18.5
50°-60°	2283.5	25.2
60°-70°	2106.7	23.2
70°-80°	881.5	9.7
80°-90°	84.2	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°	9071.4	100.0
0°-180°	9071.4	100.0



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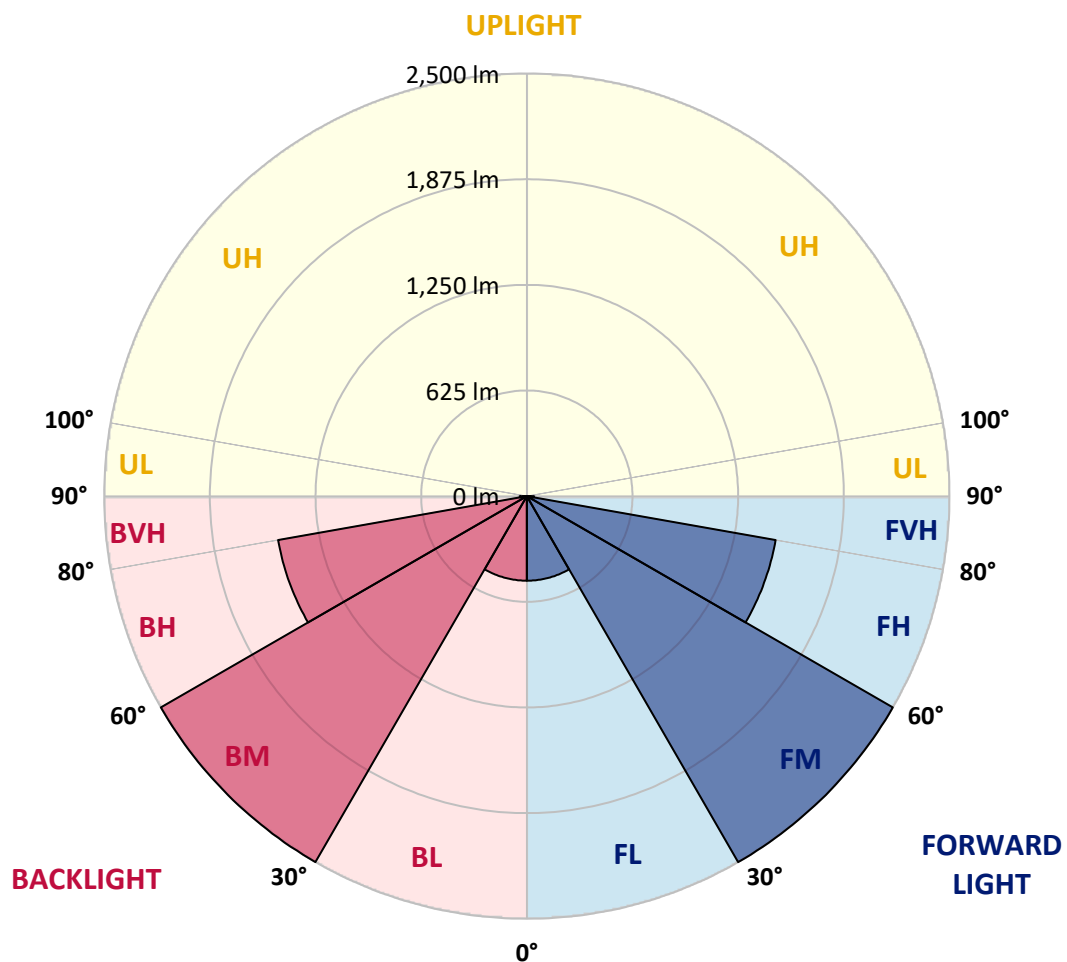
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	499.9	5.5			
FM (30°-60°)	2499.6	27.6			
FH (60°-80°)	1494.1	16.5			G1/1800
FVH (80°-90°)	42.1	0.5			G1/100
BL (0°-30°)	499.9	5.5	B1/500		
BM (30°-60°)	2499.6	27.6	B2/2500		
BH (60°-80°)	1494.1	16.5	B3/2500		G3/2500
BVH (80°-90°)	42.1	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°	922.9	922.9	922.9	922.9	922.9	922.9	922.9	922.9	922.9	922.9	922.9
2.5°	917.0	917.0	919.6	922.9	924.2	926.8	927.4	927.4	931.4	930.7	931.4
5°	914.4	914.4	919.0	924.8	931.4	939.2	947.0	951.6	961.4	963.3	964.0
7.5°	917.0	917.7	924.2	934.0	945.1	959.4	974.4	986.8	1003.1	1009.0	1012.9
10°	926.8	927.4	935.9	949.6	966.6	987.4	1009.0	1028.5	1054.6	1066.4	1068.3
12.5°	941.8	942.4	954.8	977.0	1001.1	1027.2	1051.4	1076.1	1108.8	1126.4	1130.3
15°	964.6	962.7	982.2	1014.8	1048.8	1081.4	1102.9	1127.0	1161.6	1184.4	1190.3
17.5°	995.9	997.2	1021.4	1063.1	1104.8	1138.1	1159.6	1173.3	1203.3	1226.8	1232.7
20°	1035.1	1040.9	1071.6	1119.8	1168.8	1204.0	1219.0	1217.0	1234.0	1254.2	1258.8
22.5°	1090.5	1094.4	1131.6	1185.7	1241.8	1278.3	1284.2	1262.7	1262.0	1275.1	1280.9
25°	1155.7	1159.0	1198.1	1260.7	1320.1	1358.6	1352.7	1315.5	1295.9	1296.6	1300.5
27.5°	1232.0	1238.5	1279.0	1342.9	1404.2	1439.4	1430.9	1376.8	1338.3	1326.6	1324.0
30°	1331.2	1338.3	1379.4	1440.7	1494.9	1526.2	1513.1	1444.6	1387.2	1367.7	1363.8
32.5°	1460.3	1459.6	1502.0	1561.4	1599.2	1619.4	1594.0	1516.4	1444.0	1417.9	1412.7
35°	1593.3	1599.9	1641.6	1699.0	1727.7	1729.0	1688.6	1601.2	1515.1	1470.1	1460.3
37.5°	1743.4	1746.6	1794.9	1849.0	1867.9	1857.5	1797.5	1700.3	1601.2	1553.6	1536.6
40°	1897.3	1900.5	1956.6	2008.8	2029.7	2004.9	1926.0	1809.9	1702.9	1650.7	1641.0
42.5°	2040.1	2048.6	2111.2	2172.5	2192.7	2164.0	2068.8	1929.9	1810.5	1760.3	1747.3
45°	2158.8	2167.9	2238.4	2316.6	2352.5	2329.0	2221.4	2064.9	1934.5	1880.3	1858.1
47.5°	2248.2	2259.9	2334.9	2428.8	2498.6	2494.0	2383.8	2207.7	2067.5	2003.6	1983.4
50°	2309.5	2321.9	2402.7	2503.8	2608.8	2644.1	2548.8	2365.6	2215.6	2143.8	2130.1
52.5°	2314.0	2325.1	2417.7	2543.6	2683.8	2761.5	2711.2	2531.9	2378.6	2304.3	2294.5
55°	2212.3	2220.1	2343.4	2511.0	2714.5	2851.5	2859.3	2713.2	2552.7	2477.7	2473.2
57.5°	1978.8	1989.9	2137.3	2359.0	2663.6	2909.5	2987.8	2903.0	2749.7	2679.3	2675.4
60°	1598.6	1612.9	1781.2	2076.0	2479.7	2894.5	3096.7	3081.0	2964.9	2896.5	2893.8
62.5°	1127.7	1132.9	1308.3	1633.1	2119.7	2735.4	3149.5	3254.5	3188.0	3118.9	3122.8
65°	662.6	669.8	798.3	1090.5	1607.7	2369.5	3058.2	3375.2	3366.7	3303.4	3310.0
67.5°	350.2	350.2	414.8	596.1	1010.9	1774.0	2694.9	3308.7	3419.5	3364.1	3367.4
70°	242.0	241.3	253.1	299.4	488.5	1099.6	2016.0	2960.4	3311.9	3291.0	3299.5
72.5°	204.8	203.5	204.1	210.7	248.5	497.0	1224.2	2280.1	2952.5	2984.5	2991.7
75°	179.4	177.4	176.1	174.8	178.1	225.7	558.3	1406.8	2188.8	2389.7	2385.8
77.5°	154.6	153.3	152.0	147.4	142.2	148.1	228.3	632.6	1125.7	1328.5	1314.2
80°	127.2	127.2	129.1	122.6	112.8	108.9	136.3	236.1	373.7	390.0	358.7
82.5°	99.8	99.8	109.6	100.4	88.7	78.9	94.6	125.9	152.0	123.3	100.4
85°	70.4	71.1	91.3	83.5	68.5	45.7	58.7	75.0	85.4	54.1	42.4
87.5°	28.7	30.7	56.7	45.0	43.0	22.8	27.4	33.3	42.4	22.8	18.3
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)