

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: P672749

Luminaire Tested: **CCP-SA-2C-835-U-5NQ**

Issue Date: 04/16/2023

Test Information

Test Method: LM-79-08
Report Number: P672749
Test Lab: INNOVATION CENTER(G2)
Issue Date: 04/16/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: CCP-SA-2C-835-U-5NQ
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @615mA w/ 5NQ
distribution lens
Light Source: (32) 3500K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 7752.8 lumens
Efficiency: N/A
Efficacy: 124.8 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type V - Short
BUG Rating: B3 - U0 - G1

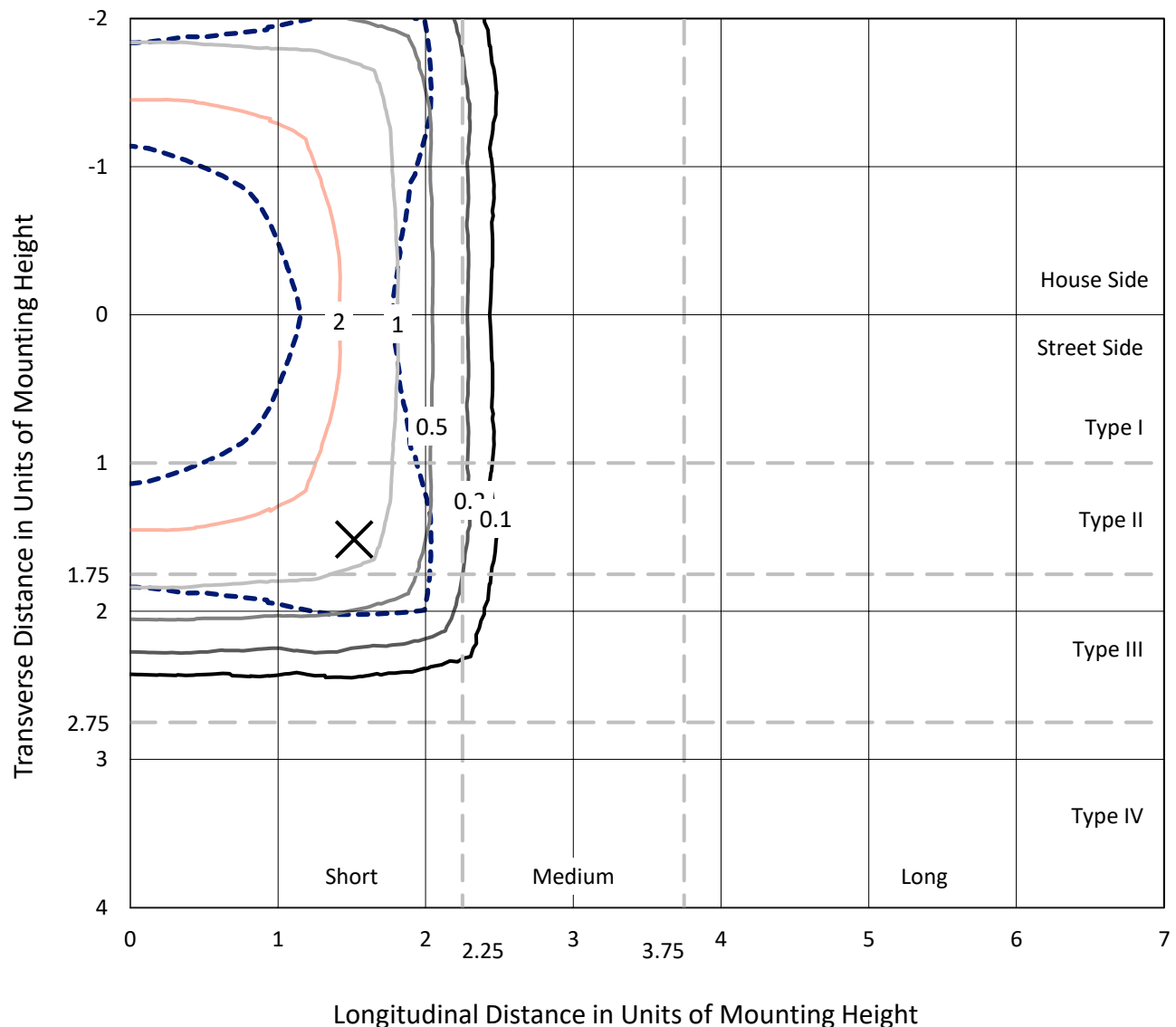
Input Watts (W): 62.1
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT

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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

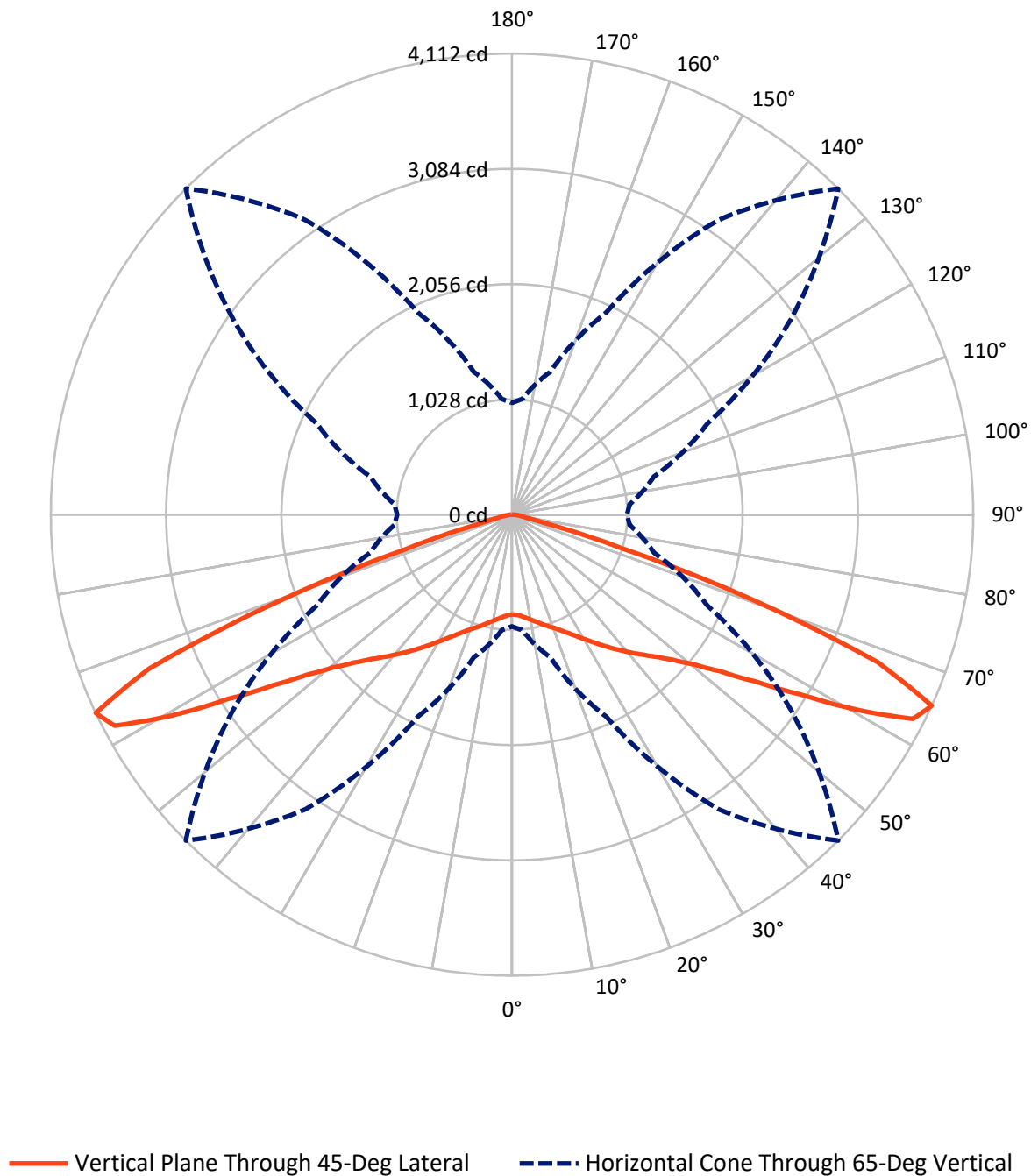


Based on 15 foot mounting height. Maximum calculated value = 4.1 fc
 Type V - Short - N/A

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3876.4	0.0	3876.4
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	3876.4	0.0	3876.4
	% Fixture	50.0	0.0	50.0
Total	Lumens	7752.8	0.0	7752.8
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	88.3	1.1
10°-20°	288.2	3.7
20°-30°	546.6	7.1
30°-40°	916.8	11.8
40°-50°	1450.7	18.7
50°-60°	2279.0	29.4
60°-70°	1925.6	24.8
70°-80°	224.2	2.9
80°-90°	33.4	0.4
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°	7752.8	100.0
0°-180°	7752.8	100.0

Coefficient of Utilization



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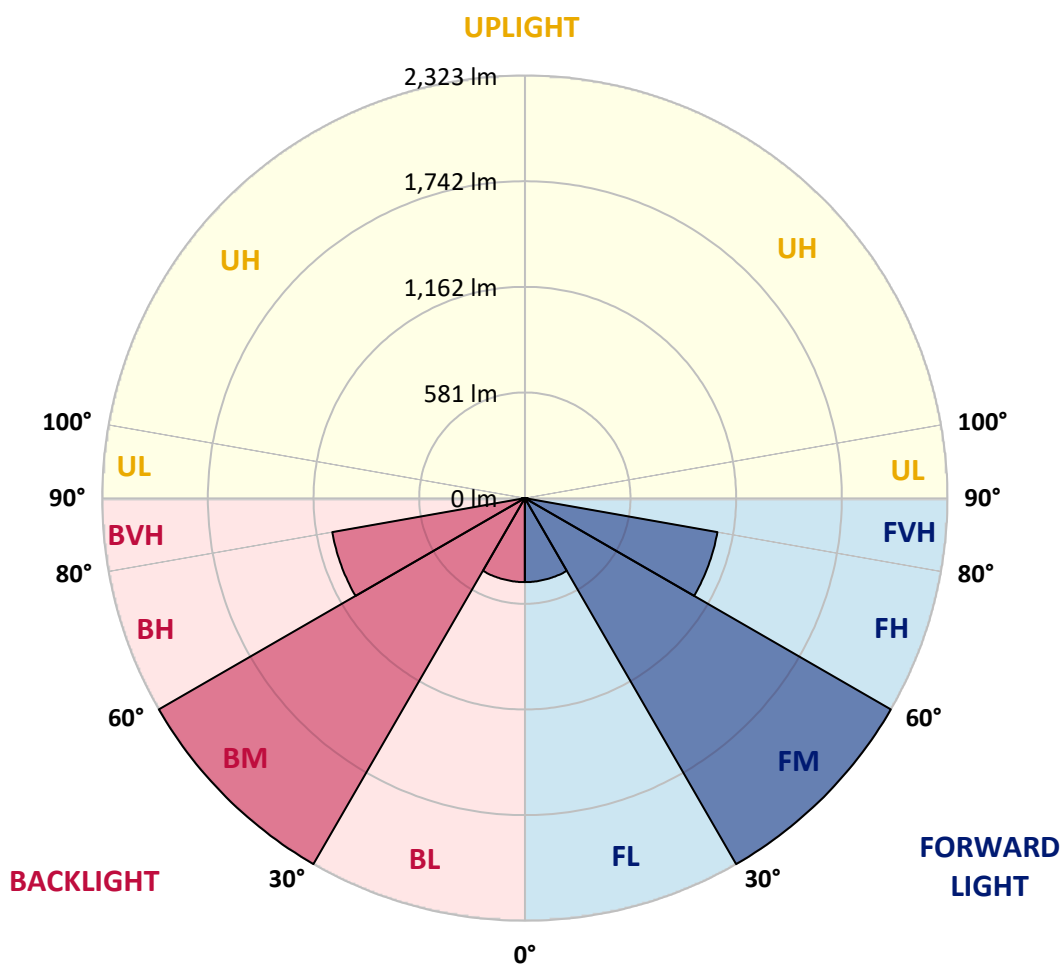
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	461.6	6.0			
FM	(30°-60°)	2323.2	30.0			
FH	(60°-80°)	1074.9	13.9			G1/1800
FVH	(80°-90°)	16.7	0.2			G1/100
BL	(0°-30°)	461.6	6.0	B1/500		
BM	(30°-60°)	2323.2	30.0	B2/2500		
BH	(60°-80°)	1074.9	13.9	B3/2500		G1/1800
BVH	(80°-90°)	16.7	0.2			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G1

Type V Short





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	891.4	891.4	891.4	891.4	891.4	891.4	891.4	891.4	891.4	891.4	891.4
2.5°	896.3	893.6	896.3	896.3	894.7	895.3	893.1	892.5	895.3	893.1	892.5
5°	914.9	912.7	914.9	913.2	910.5	911.1	907.8	906.7	910.0	906.7	907.2
7.5°	936.1	932.3	933.4	935.0	932.3	932.3	929.6	927.9	929.6	926.3	928.5
10°	954.1	950.8	952.5	954.6	954.1	955.7	953.0	951.9	950.3	946.5	949.7
12.5°	977.5	976.4	978.6	981.3	980.3	982.4	976.4	974.8	974.3	969.9	973.7
15°	1008.0	1005.3	1009.1	1012.4	1010.8	1014.6	1009.7	1007.5	1004.8	999.3	1002.6
17.5°	1038.6	1036.4	1041.8	1043.5	1044.0	1047.3	1043.5	1040.2	1039.1	1035.3	1033.1
20°	1075.1	1072.3	1076.7	1080.0	1077.2	1081.1	1079.4	1077.2	1076.2	1070.2	1069.6
22.5°	1115.9	1112.1	1118.7	1122.5	1118.7	1122.5	1119.2	1118.7	1119.2	1110.5	1111.6
25°	1161.7	1162.3	1168.8	1171.5	1169.3	1171.5	1166.6	1169.9	1168.2	1159.0	1155.7
27.5°	1220.6	1218.4	1225.5	1233.6	1228.2	1228.2	1226.0	1229.3	1228.7	1220.0	1217.8
30°	1289.2	1288.7	1299.0	1303.9	1296.3	1293.0	1292.5	1300.7	1301.2	1291.9	1288.1
32.5°	1361.1	1361.1	1373.7	1379.7	1368.8	1366.6	1364.4	1375.3	1373.7	1361.1	1353.0
35°	1440.1	1436.9	1453.8	1462.5	1451.6	1445.0	1444.0	1453.8	1451.6	1434.2	1424.3
37.5°	1518.1	1520.2	1539.9	1549.7	1536.6	1528.4	1531.1	1537.7	1538.2	1519.2	1508.8
40°	1613.4	1614.0	1638.5	1646.1	1629.2	1616.7	1620.5	1635.2	1634.1	1610.7	1597.6
42.5°	1720.2	1718.0	1748.6	1755.1	1732.2	1708.2	1719.7	1742.6	1748.0	1721.9	1708.2
45°	1834.6	1837.9	1869.5	1876.6	1840.6	1810.1	1834.6	1869.0	1876.1	1847.7	1830.8
47.5°	1973.6	1977.4	2015.6	2018.3	1977.4	1937.6	1970.3	2015.0	2017.7	1978.5	1958.9
50°	2132.2	2145.2	2187.7	2193.2	2152.9	2101.6	2148.5	2188.3	2177.9	2125.6	2107.6
52.5°	2312.0	2322.3	2388.8	2411.7	2376.3	2321.2	2358.8	2383.4	2350.1	2281.5	2253.7
55°	2465.1	2482.5	2570.8	2640.5	2667.2	2625.8	2621.5	2585.5	2492.9	2388.3	2359.4
57.5°	2508.1	2525.0	2661.8	2841.6	3000.2	3020.9	2925.0	2744.6	2545.2	2383.9	2354.5
60°	2333.2	2356.1	2556.1	2896.6	3351.6	3539.1	3192.5	2758.2	2409.5	2193.2	2156.1
62.5°	1832.5	1875.0	2133.2	2667.2	3493.3	4010.9	3302.6	2523.4	2000.3	1744.7	1695.7
65°	996.6	1033.1	1318.1	1987.8	3206.1	4111.7	3032.9	1921.3	1308.3	1051.6	1024.9
67.5°	373.8	400.5	531.3	982.4	2266.7	3515.1	2302.2	1100.1	593.9	426.1	388.5
70°	159.1	162.4	192.3	342.2	1030.4	2286.9	1178.6	373.8	198.3	160.2	155.8
72.5°	114.4	115.0	123.1	151.5	313.9	1003.1	356.4	156.9	121.0	109.0	109.0
75°	91.5	92.1	97.0	109.5	148.2	295.3	153.7	110.1	93.7	85.5	84.5
77.5°	71.9	73.0	77.9	85.5	99.2	135.1	104.1	86.6	75.2	67.6	66.5
80°	53.4	55.0	61.6	65.4	69.7	89.9	75.7	67.6	59.9	51.8	50.1
82.5°	35.4	37.1	45.8	48.5	48.0	56.7	52.3	51.8	45.8	34.3	32.7
85°	21.3	22.3	29.4	31.6	29.4	27.8	33.2	36.0	32.1	22.3	20.7
87.5°	9.3	9.3	13.1	13.6	13.1	10.4	15.8	18.5	19.1	11.4	10.4
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)