

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: P672462

Luminaire Tested: **CCP-SA-2D-835-U-5WQ**

Issue Date: 04/16/2023

Test Information

Test Method: LM-79-08
Report Number: P672462
Test Lab: INNOVATION CENTER(G2)
Issue Date: 04/16/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: CCP-SA-2D-835-U-5WQ
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @800mA w/ 5WQ
distribution lens
Light Source: (32) 3500K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 9632 lumens
Efficiency: N/A
Efficacy: 119.2 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type V - Short
BUG Rating: B4 - U0 - G2

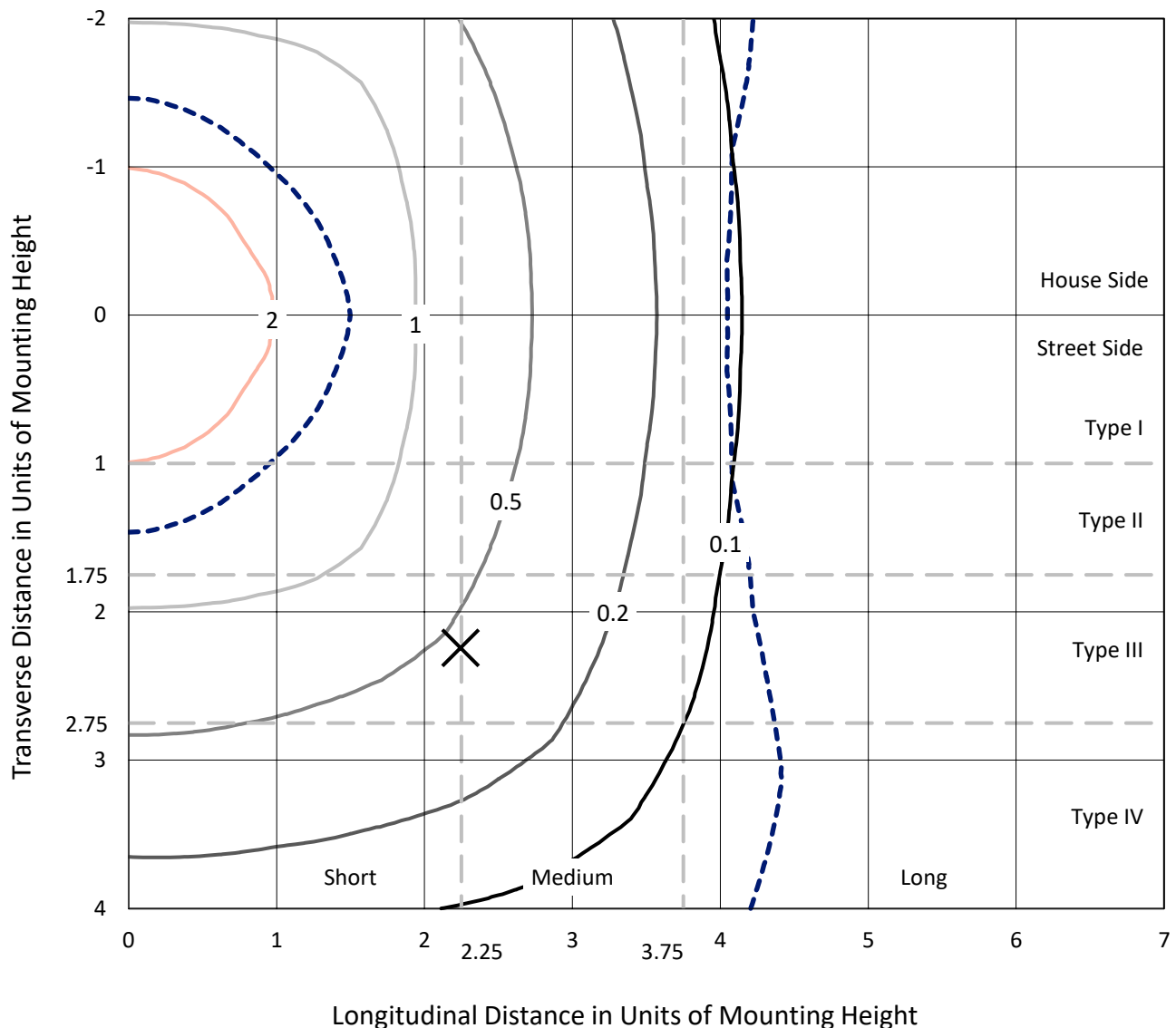
Input Watts (W): 80.8
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT

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Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd
 - - - 1/2 Max cd

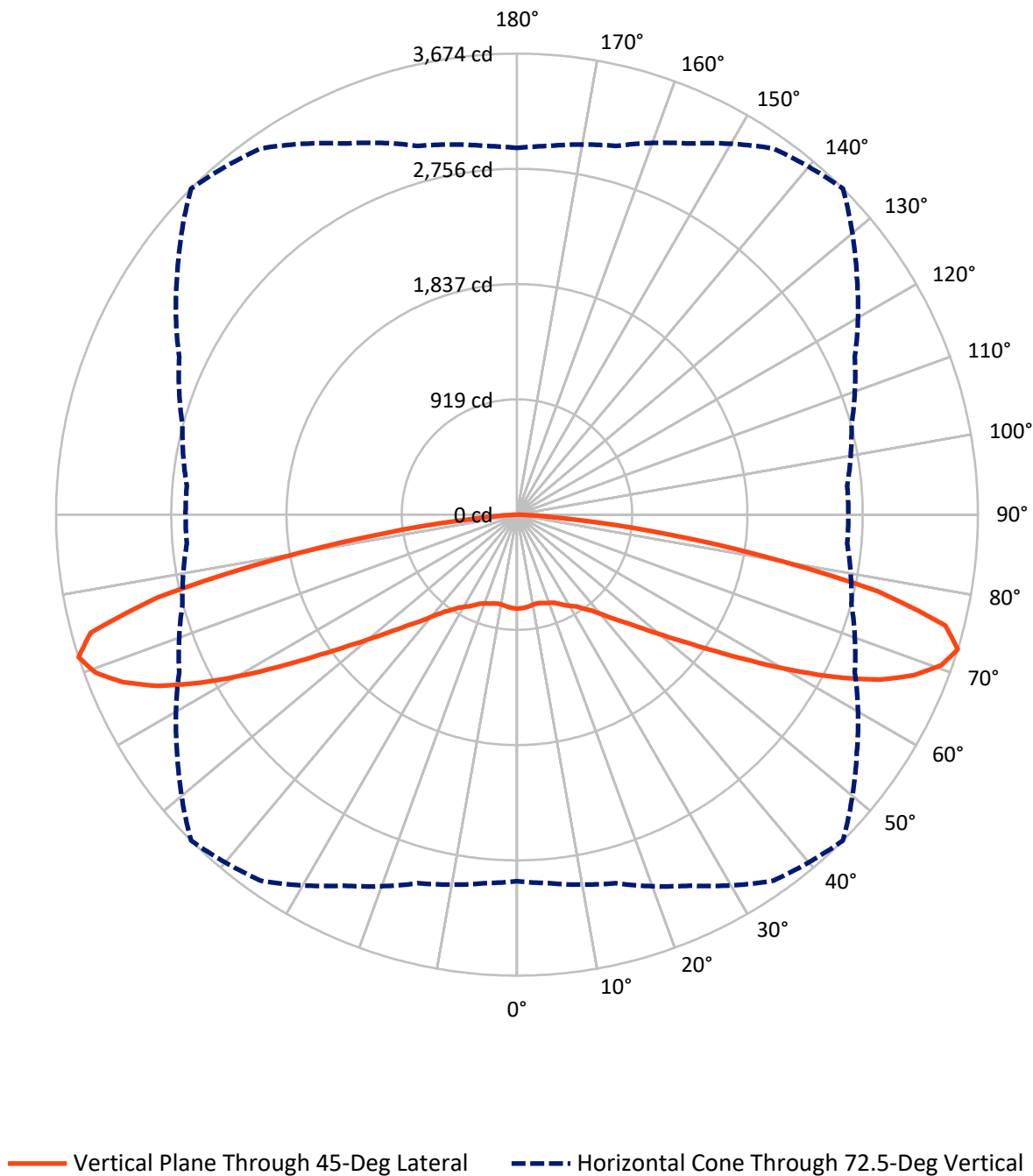


Based on 15 foot mounting height. Maximum calculated value = 3.3 fc
 Type V - Short - N/A

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Luminous Intensity Polar Plot



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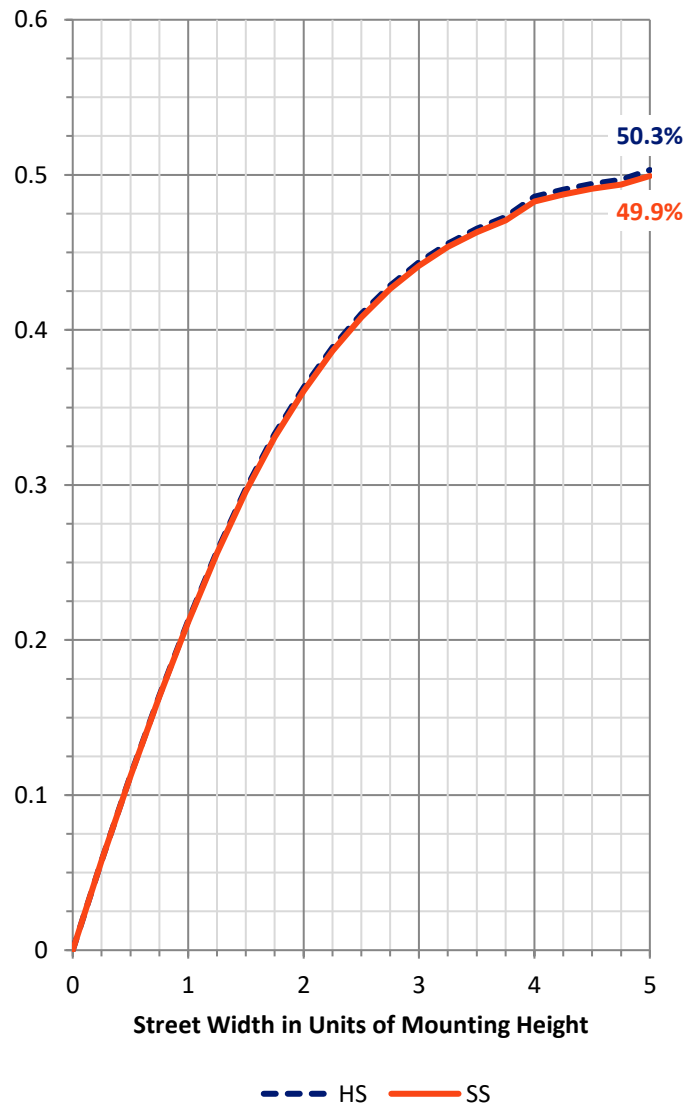
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	4816.0	0.0	4816.0
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	4816.0	0.0	4816.0
	% Fixture	50.0	0.0	50.0
Total	Lumens	9632.0	0.0	9632.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	70.4	0.7
10°-20°	209.2	2.2
20°-30°	367.5	3.8
30°-40°	586.3	6.1
40°-50°	980.4	10.2
50°-60°	1677.6	17.4
60°-70°	2769.5	28.8
70°-80°	2654.4	27.6
80°-90°	316.6	3.3
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°	9632.0	100.0
0°-180°	9632.0	100.0

Coefficient of Utilization



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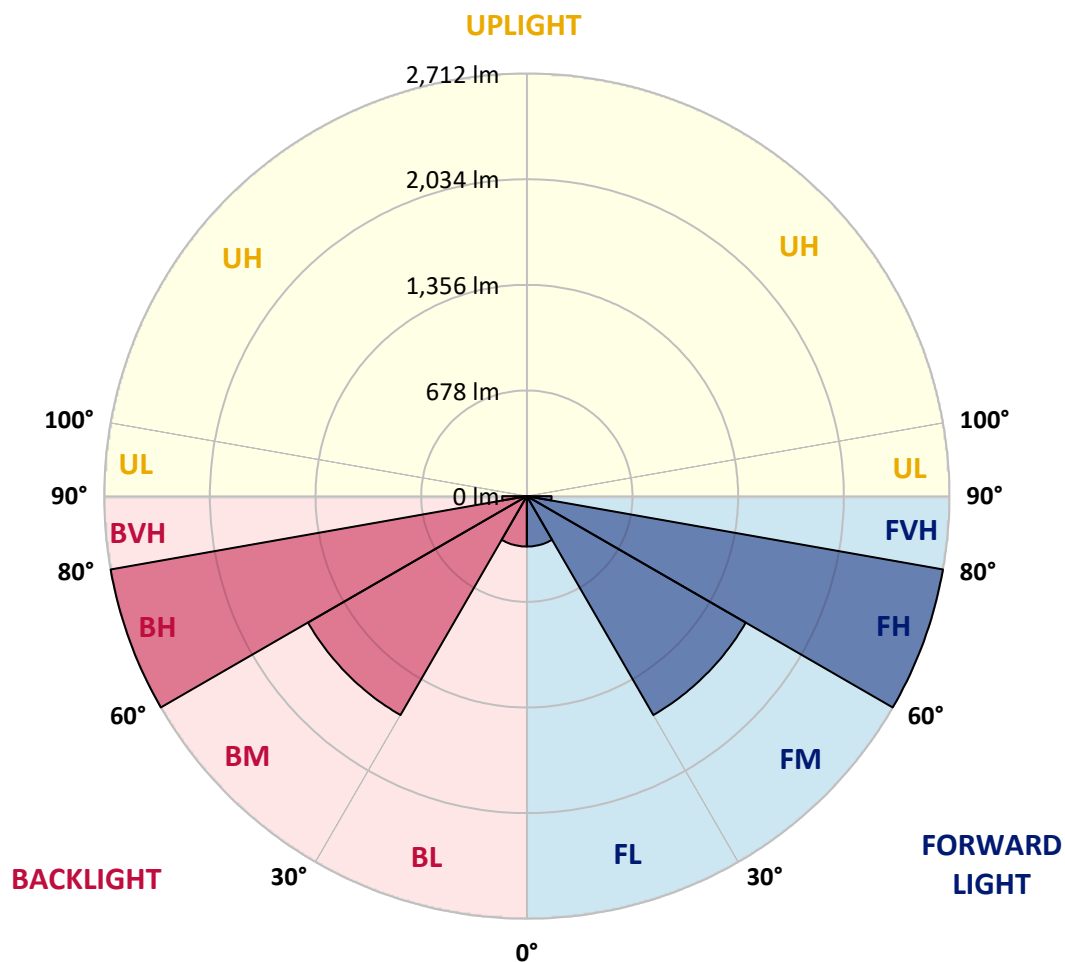
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	323.6	3.4			
FM	(30°-60°)	1622.2	16.8			
FH	(60°-80°)	2712.0	28.2			G2/5000
FVH	(80°-90°)	158.3	1.6			G2/225
BL	(0°-30°)	323.6	3.4	B1/500		
BM	(30°-60°)	1622.2	16.8	B2/2500		
BH	(60°-80°)	2712.0	28.2	B4/5000		G2/5000
BVH	(80°-90°)	158.3	1.6			G2/225
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B4-U0-G2

Type V Short





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	750.1	750.1	750.1	750.1	750.1	750.1	750.1	750.1	750.1	750.1	750.1
2.5°	745.4	745.4	747.4	748.0	747.4	746.7	746.0	745.4	747.4	746.7	747.4
5°	743.3	743.3	744.0	744.7	743.3	742.7	741.3	740.6	742.0	742.0	743.3
7.5°	738.0	737.3	738.0	738.6	736.6	735.9	733.9	733.9	733.9	733.3	734.6
10°	733.3	731.9	731.9	730.6	727.2	727.9	725.2	727.2	730.6	731.2	731.9
12.5°	735.3	733.9	732.6	729.2	724.5	725.2	724.5	726.5	731.2	733.9	735.9
15°	744.7	743.3	740.0	733.9	731.2	731.2	729.9	730.6	737.3	741.3	743.3
17.5°	754.8	752.1	746.0	742.0	739.3	741.3	736.6	735.9	741.3	747.4	749.4
20°	762.8	760.8	753.4	748.7	748.7	750.7	746.0	743.3	749.4	756.8	758.8
22.5°	776.9	775.6	768.2	763.5	763.5	764.2	761.5	759.5	766.2	773.6	775.6
25°	797.1	797.1	789.7	787.7	787.0	788.4	785.0	783.0	789.0	794.4	796.4
27.5°	820.6	818.6	812.6	811.2	813.9	818.6	812.6	807.2	811.9	816.6	817.3
30°	845.5	845.5	840.1	840.1	842.1	844.1	838.8	833.4	838.1	843.5	844.1
32.5°	880.4	878.4	876.4	877.1	876.4	873.7	871.0	870.4	874.4	877.8	879.1
35°	923.5	922.8	920.1	921.4	921.4	921.4	913.4	910.7	917.4	920.1	918.8
37.5°	990.0	989.3	982.6	978.6	973.9	971.8	961.8	961.1	977.2	985.3	983.9
40°	1071.3	1068.6	1062.6	1055.9	1049.8	1045.8	1035.7	1043.1	1059.9	1065.9	1065.9
42.5°	1160.0	1156.7	1150.0	1146.6	1142.6	1138.5	1125.1	1128.4	1148.6	1154.7	1147.9
45°	1268.9	1264.2	1256.8	1249.4	1243.4	1235.3	1228.6	1231.9	1253.5	1260.8	1255.5
47.5°	1384.5	1383.2	1377.1	1371.1	1365.7	1360.3	1351.6	1357.6	1376.4	1375.1	1364.3
50°	1506.8	1509.5	1510.2	1516.2	1512.2	1512.9	1496.8	1493.4	1508.2	1499.4	1486.0
52.5°	1638.6	1642.6	1656.7	1668.8	1691.0	1693.7	1673.5	1652.0	1649.3	1626.5	1612.4
55°	1791.1	1790.5	1821.4	1855.0	1904.0	1919.5	1874.5	1834.1	1812.0	1767.6	1752.8
57.5°	1963.9	1961.8	2008.9	2068.0	2156.7	2195.1	2112.4	2035.8	1982.0	1928.9	1913.4
60°	2151.4	2156.1	2213.2	2309.3	2462.5	2515.6	2390.6	2263.6	2181.6	2112.4	2106.3
62.5°	2370.5	2371.1	2438.4	2568.7	2767.7	2853.0	2681.0	2508.9	2404.7	2328.8	2312.7
65°	2629.2	2633.9	2705.8	2837.6	3066.1	3171.6	2973.3	2763.6	2640.7	2537.8	2535.8
67.5°	2894.7	2892.0	2957.9	3097.7	3318.1	3415.6	3207.9	2974.0	2814.1	2685.7	2668.9
70°	3064.7	3079.5	3150.8	3284.5	3495.6	3590.3	3337.6	3055.3	2888.0	2770.4	2762.3
72.5°	2921.6	2949.1	3041.2	3263.0	3562.1	3674.3	3306.7	2971.3	2760.3	2642.0	2642.0
75°	2371.8	2417.5	2545.9	2887.3	3332.2	3526.5	3061.4	2600.3	2293.2	2166.8	2166.8
77.5°	1445.0	1488.7	1662.1	2078.8	2691.1	2939.7	2495.5	1958.5	1602.9	1448.4	1428.2
80°	480.5	508.8	678.8	1056.5	1652.0	1956.5	1672.2	1112.3	717.8	547.1	544.4
82.5°	127.7	139.1	193.6	306.5	717.1	1059.9	764.8	367.0	210.4	163.3	150.5
85°	44.4	47.7	82.0	102.2	182.1	350.8	213.1	133.1	102.2	61.8	57.8
87.5°	12.8	14.1	32.9	35.6	52.4	41.0	57.8	53.1	48.4	20.2	18.1
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)