

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: P672461

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

Issue Date: 04/16/2023

Test Information

Test Method: LM-79-08
Report Number: P672461
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-5WQ
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @615mA w/ 5WQ
distribution lens
Light Source: (32) 3500K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 7808.6 lumens
Efficiency: N/A
Efficacy: 125.7 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type V - Short
BUG Rating: B3 - U0 - G2

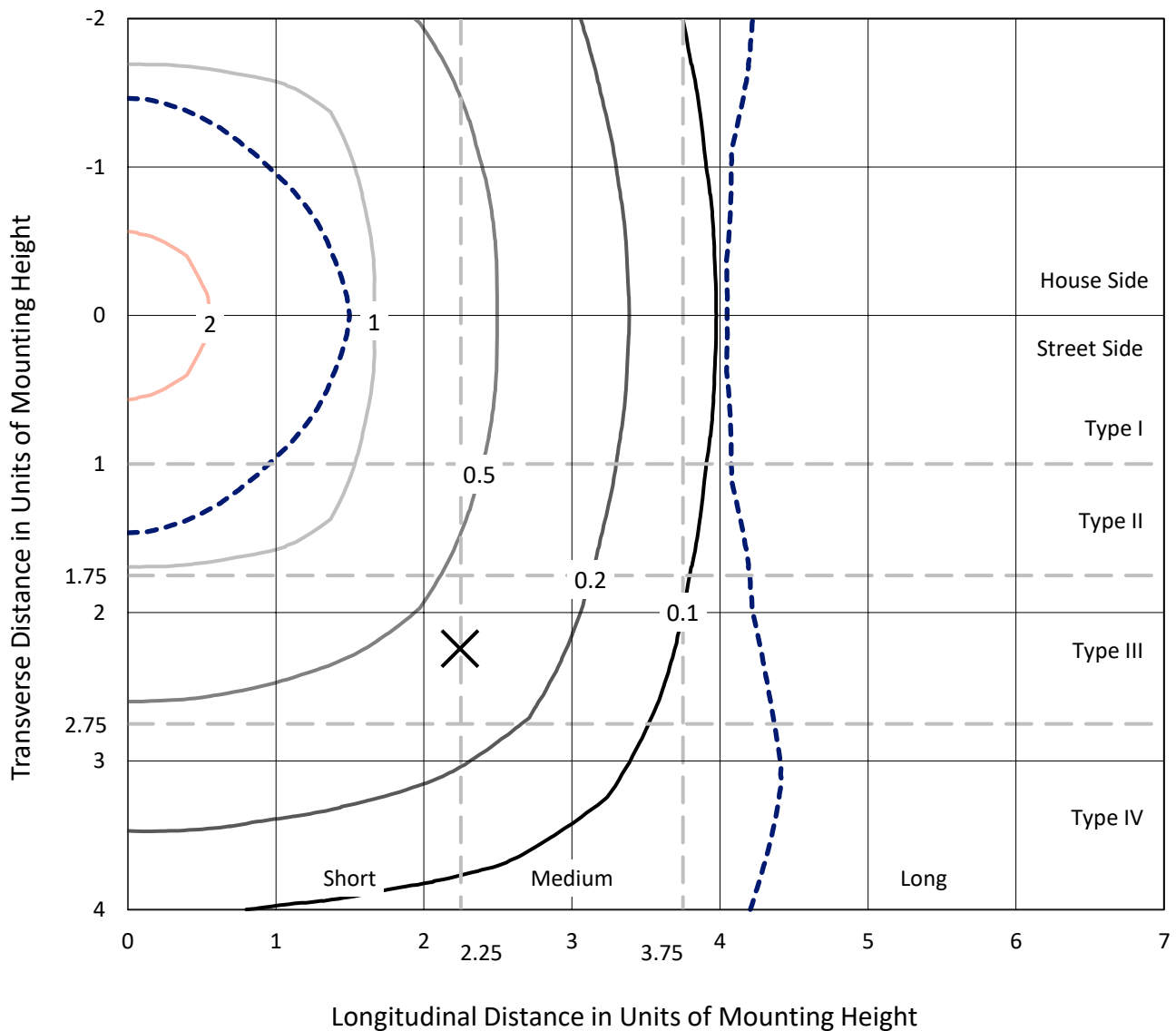
Input Watts (W): 62.1
Input Voltage (V): 120
Input Current (A_{in}): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT

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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
- - - 1/2 Max cd

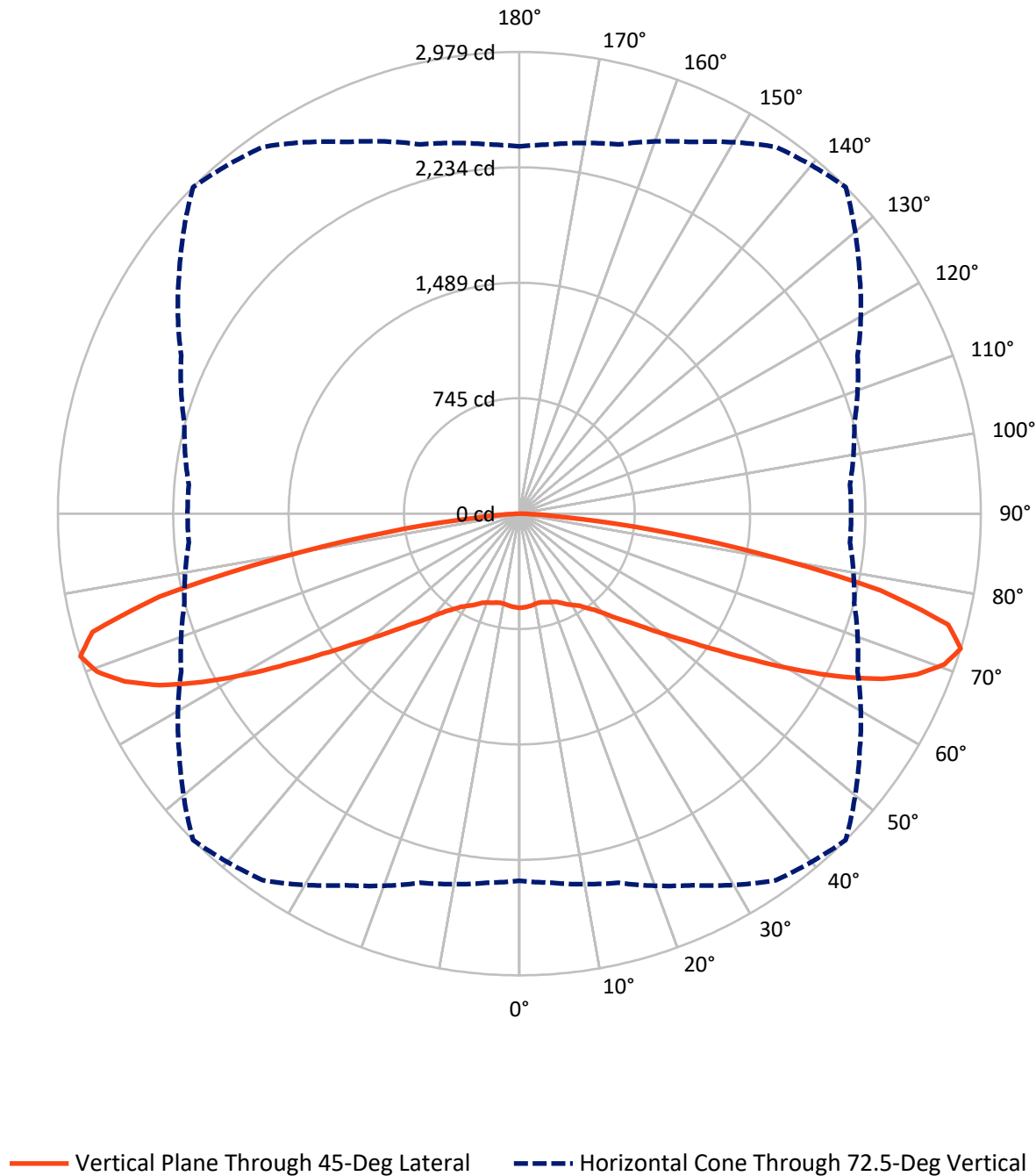


Based on 15 foot mounting height. Maximum calculated value = 2.7 fc
Type V - Short - N/A

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Luminous Intensity Polar Plot



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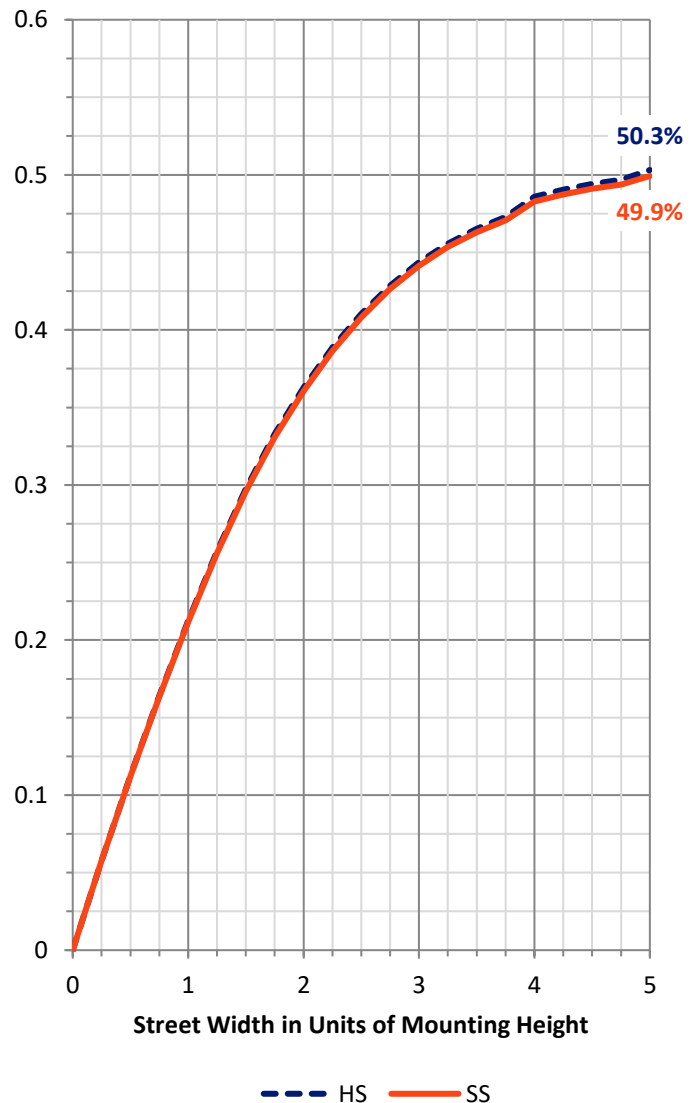
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3904.3	0.0	3904.3
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	3904.3	0.0	3904.3
	% Fixture	50.0	0.0	50.0
Total	Lumens	7808.6	0.0	7808.6
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	57.1	0.7
10°-20°	169.6	2.2
20°-30°	297.9	3.8
30°-40°	475.3	6.1
40°-50°	794.8	10.2
50°-60°	1360.0	17.4
60°-70°	2245.2	28.8
70°-80°	2151.9	27.6
80°-90°	256.6	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°	7808.6	100.0
0°-180°	7808.6	100.0

Coefficient of Utilization



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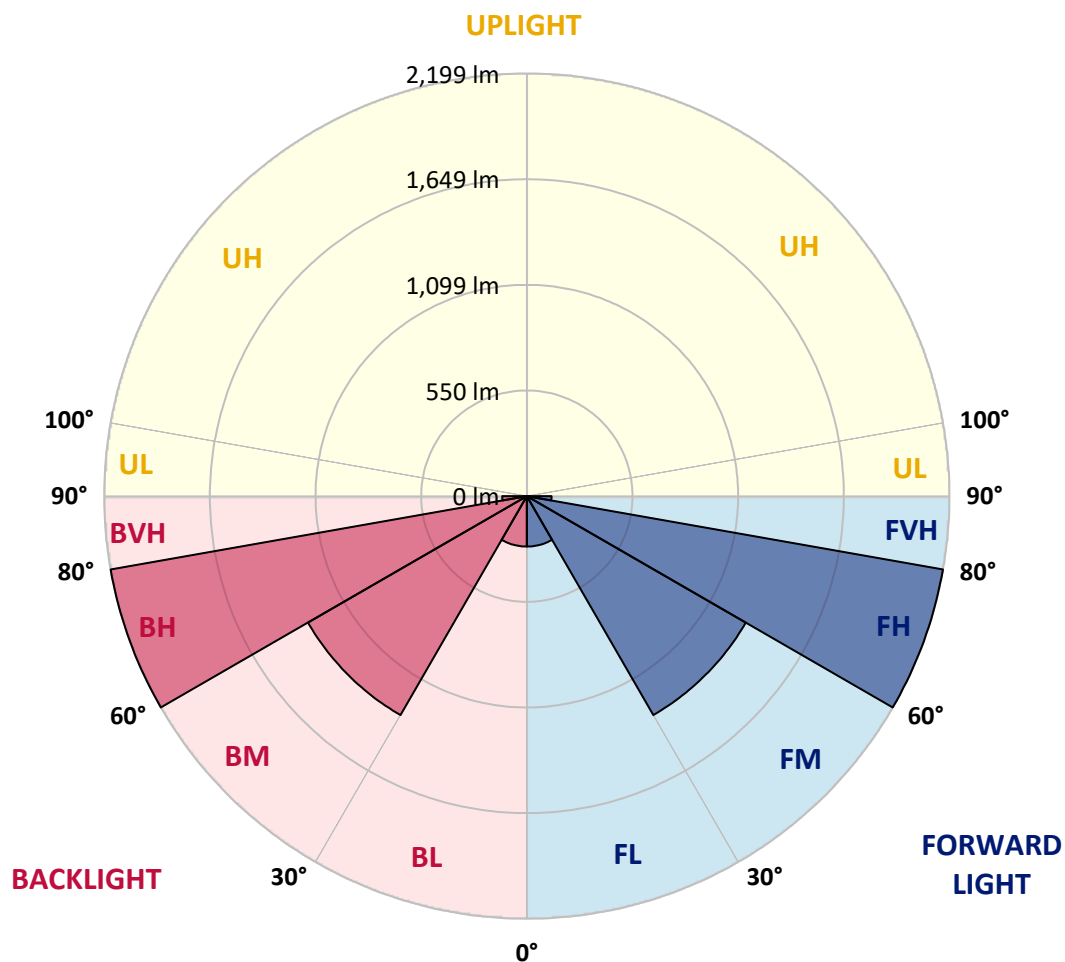
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	262.3	3.4			
FM	(30°-60°)	1315.1	16.8			
FH	(60°-80°)	2198.6	28.2			G2/5000
FVH	(80°-90°)	128.3	1.6			G2/225
BL	(0°-30°)	262.3	3.4	B1/500		
BM	(30°-60°)	1315.1	16.8	B2/2500		
BH	(60°-80°)	2198.6	28.2	B3/2500		G2/5000
BVH	(80°-90°)	128.3	1.6			G2/225
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G2

Type V Short





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	608.1	608.1	608.1	608.1	608.1	608.1	608.1	608.1	608.1	608.1	608.1
2.5°	604.3	604.3	605.9	606.4	605.9	605.3	604.8	604.3	605.9	605.3	605.9
5°	602.6	602.6	603.2	603.7	602.6	602.1	601.0	600.4	601.5	601.5	602.6
7.5°	598.3	597.7	598.3	598.8	597.2	596.6	595.0	595.0	595.0	594.4	595.5
10°	594.4	593.4	593.4	592.3	589.5	590.1	587.9	589.5	592.3	592.8	593.4
12.5°	596.1	595.0	593.9	591.2	587.4	587.9	587.4	589.0	592.8	595.0	596.6
15°	603.7	602.6	599.9	595.0	592.8	592.8	591.7	592.3	597.7	601.0	602.6
17.5°	611.9	609.7	604.8	601.5	599.4	601.0	597.2	596.6	601.0	605.9	607.5
20°	618.4	616.8	610.8	607.0	607.0	608.6	604.8	602.6	607.5	613.5	615.2
22.5°	629.9	628.8	622.8	619.0	619.0	619.5	617.3	615.7	621.1	627.1	628.8
25°	646.2	646.2	640.2	638.6	638.0	639.1	636.4	634.8	639.7	644.0	645.7
27.5°	665.3	663.6	658.7	657.7	659.8	663.6	658.7	654.4	658.2	662.0	662.6
30°	685.4	685.4	681.1	681.1	682.7	684.3	680.0	675.6	679.4	683.8	684.3
32.5°	713.8	712.1	710.5	711.0	710.5	708.3	706.1	705.6	708.9	711.6	712.7
35°	748.6	748.1	745.9	747.0	747.0	747.0	740.5	738.3	743.7	745.9	744.8
37.5°	802.6	802.0	796.6	793.3	789.5	787.9	779.7	779.2	792.2	798.8	797.7
40°	868.5	866.3	861.4	856.0	851.1	847.8	839.6	845.6	859.2	864.2	864.2
42.5°	940.4	937.7	932.3	929.5	926.3	923.0	912.1	914.8	931.2	936.1	930.6
45°	1028.7	1024.9	1018.9	1012.9	1008.0	1001.5	996.0	998.7	1016.2	1022.2	1017.8
47.5°	1122.4	1121.3	1116.4	1111.5	1107.2	1102.8	1095.7	1100.6	1115.9	1114.8	1106.1
50°	1221.6	1223.8	1224.3	1229.2	1225.9	1226.5	1213.4	1210.7	1222.7	1215.6	1204.7
52.5°	1328.4	1331.6	1343.1	1352.9	1370.9	1373.1	1356.7	1339.3	1337.1	1318.6	1307.1
55°	1452.1	1451.5	1476.6	1503.8	1543.6	1556.1	1519.6	1486.9	1469.0	1433.0	1421.0
57.5°	1592.1	1590.5	1628.6	1676.5	1748.5	1779.5	1712.5	1650.4	1606.8	1563.8	1551.2
60°	1744.1	1747.9	1794.2	1872.2	1996.4	2039.4	1938.1	1835.1	1768.6	1712.5	1707.6
62.5°	1921.7	1922.3	1976.8	2082.5	2243.7	2312.9	2173.5	2034.0	1949.5	1888.0	1874.9
65°	2131.5	2135.3	2193.6	2300.4	2485.7	2571.2	2410.5	2240.5	2140.8	2057.4	2055.8
67.5°	2346.7	2344.5	2397.9	2511.3	2690.0	2769.0	2600.6	2411.0	2281.3	2177.3	2163.7
70°	2484.6	2496.6	2554.3	2662.7	2833.8	2910.7	2705.8	2477.0	2341.3	2245.9	2239.4
72.5°	2368.5	2390.9	2465.5	2645.3	2887.8	2978.8	2680.7	2408.8	2237.8	2141.9	2141.9
75°	1922.8	1959.9	2063.9	2340.7	2701.4	2858.9	2481.9	2108.1	1859.1	1756.6	1756.6
77.5°	1171.5	1206.9	1347.4	1685.3	2181.6	2383.2	2023.1	1587.7	1299.5	1174.2	1157.8
80°	389.6	412.5	550.3	856.5	1339.3	1586.1	1355.6	901.7	581.9	443.5	441.3
82.5°	103.5	112.8	156.9	248.5	581.4	859.2	620.1	297.5	170.5	132.4	122.0
85°	36.0	38.7	66.5	82.8	147.7	284.4	172.7	107.9	82.8	50.1	46.9
87.5°	10.4	11.4	26.7	28.9	42.5	33.2	46.9	43.0	39.2	16.3	14.7
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)