

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: P672457

Luminaire Tested: **CCP-SA-1E-835-U-5WQ**

Issue Date: 04/16/2023

Test Information

Test Method: LM-79-08
Report Number: P672457
Test Lab: INNOVATION CENTER(G2)
Issue Date: 04/16/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: CCP-SA-1E-835-U-5WQ
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @1050mA w/ 5WQ
distribution lens
Light Source: (16) 3500K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 5904.7 lumens
Efficiency: N/A
Efficacy: 105.3 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification: Type V - Short
BUG Rating: B3 - U0 - G1

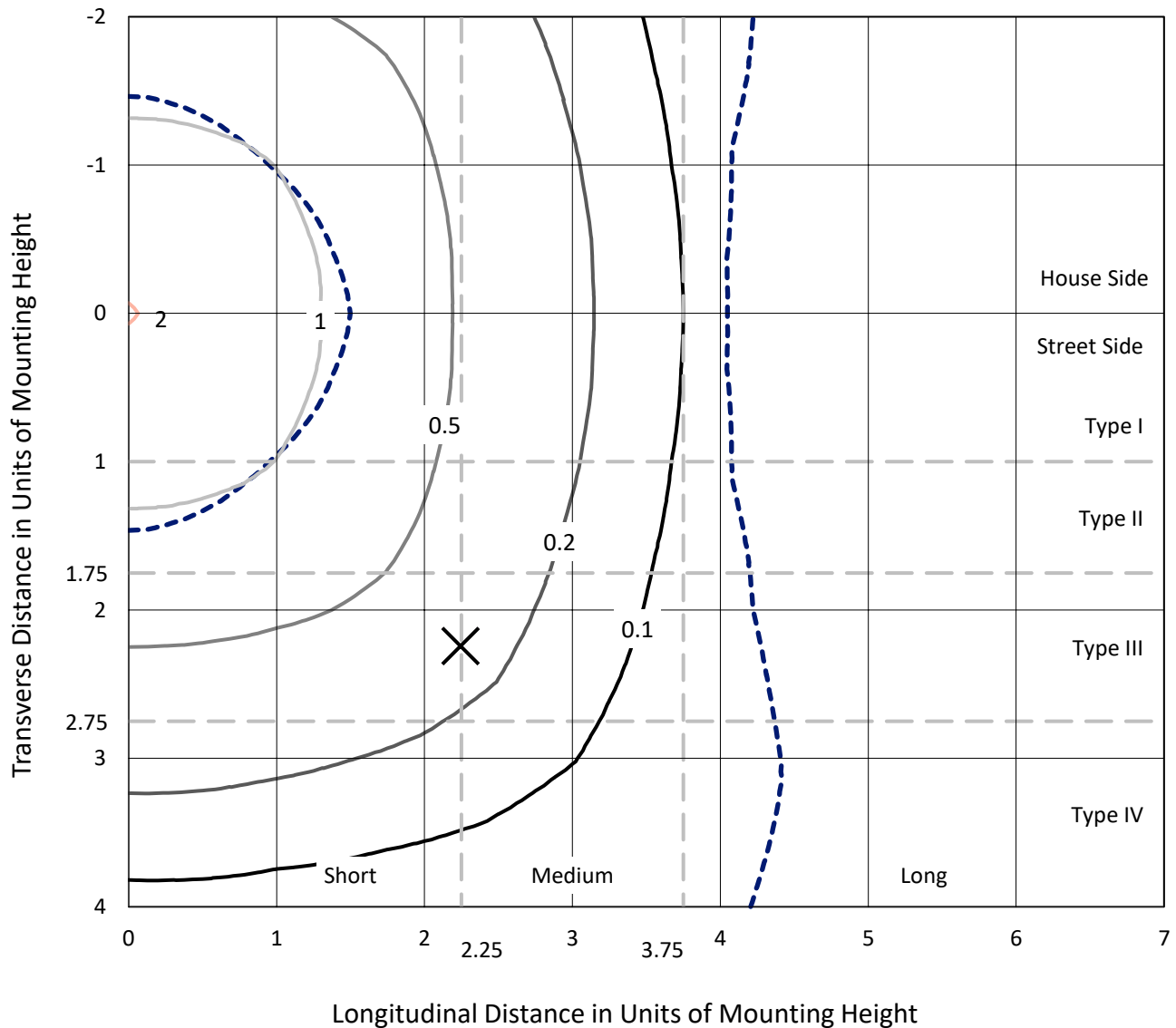
Input Watts (W): 56.1
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT

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Iso-Footcandle Lines of Horizontal Illumination

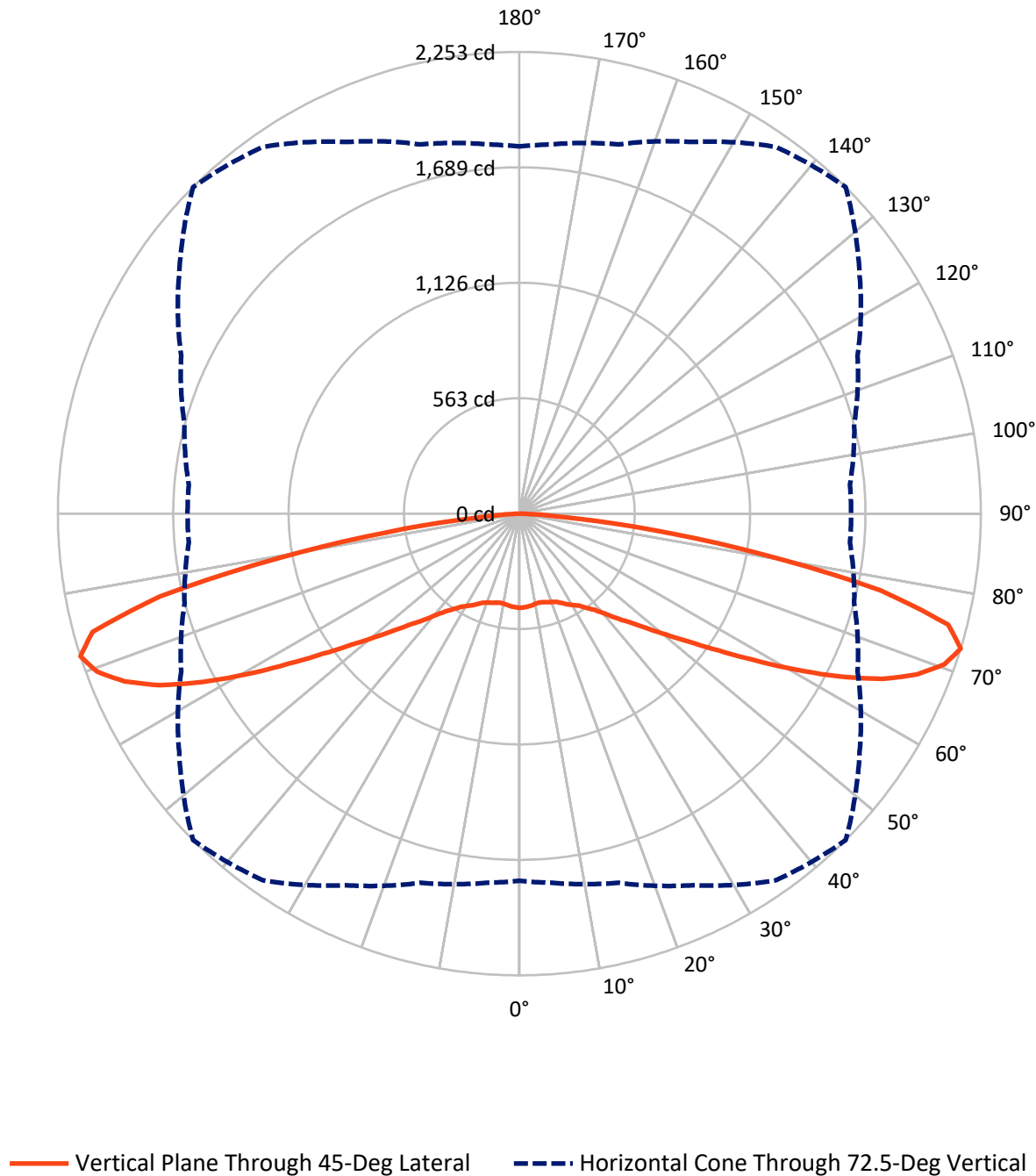
× Max cd
- - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 2 fc
Type V - Short - N/A

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Luminous Intensity Polar Plot



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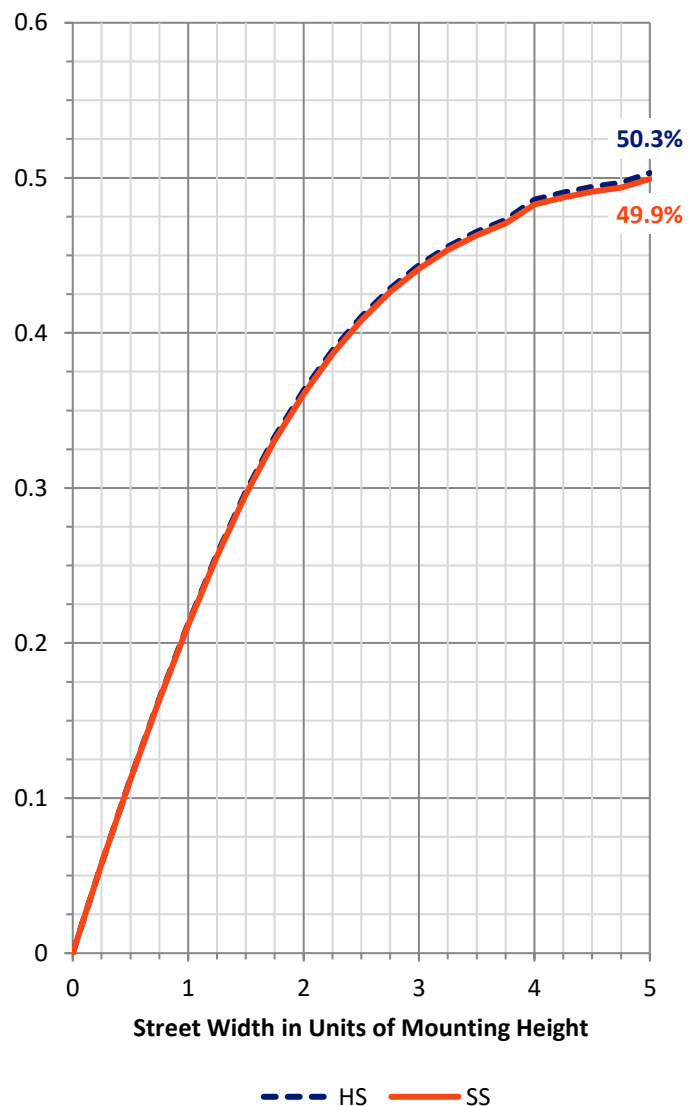
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2952.4	0.0	2952.4
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	2952.4	0.0	2952.4
	% Fixture	50.0	0.0	50.0
Total	Lumens	5904.7	0.0	5904.7
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	43.2	0.7
10°-20°	128.3	2.2
20°-30°	225.3	3.8
30°-40°	359.4	6.1
40°-50°	601.0	10.2
50°-60°	1028.4	17.4
60°-70°	1697.8	28.8
70°-80°	1627.3	27.6
80°-90°	194.1	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°	5904.7	100.0
0°-180°	5904.7	100.0

Coefficient of Utilization



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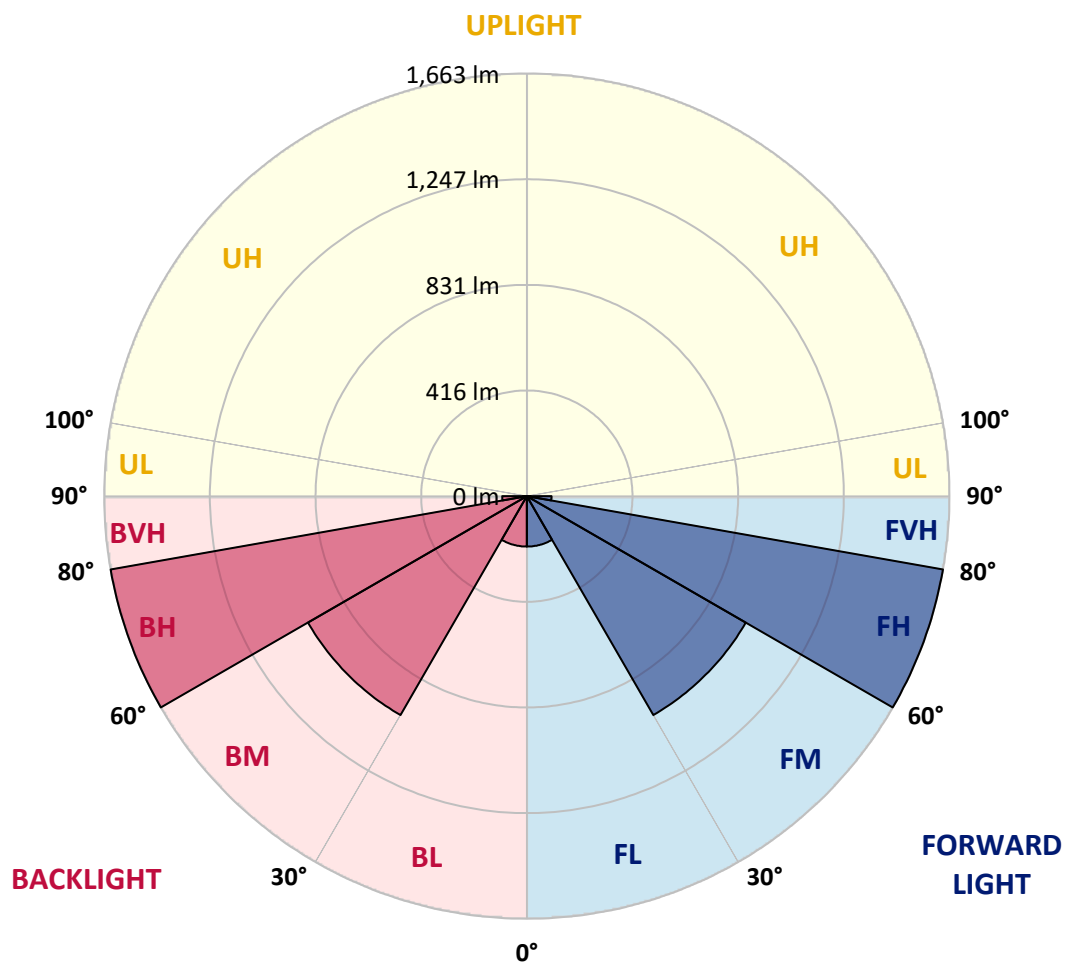
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	198.4	3.4			
FM	(30°-60°)	994.4	16.8			
FH	(60°-80°)	1662.5	28.2			G1/1800
FVH	(80°-90°)	97.0	1.6			G1/100
BL	(0°-30°)	198.4	3.4	B1/500		
BM	(30°-60°)	994.4	16.8	B1/1000		
BH	(60°-80°)	1662.5	28.2	B3/2500		G1/1800
BVH	(80°-90°)	97.0	1.6			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°	459.8	459.8	459.8	459.8	459.8	459.8	459.8	459.8	459.8	459.8	459.8
2.5°	456.9	456.9	458.2	458.6	458.2	457.7	457.3	456.9	458.2	457.7	458.2
5°	455.7	455.7	456.1	456.5	455.7	455.3	454.5	454.0	454.9	454.9	455.7
7.5°	452.4	452.0	452.4	452.8	451.6	451.2	449.9	449.9	449.9	449.5	450.3
10°	449.5	448.7	448.7	447.9	445.8	446.2	444.6	445.8	447.9	448.3	448.7
12.5°	450.7	449.9	449.1	447.0	444.2	444.6	444.2	445.4	448.3	449.9	451.2
15°	456.5	455.7	453.6	449.9	448.3	448.3	447.4	447.9	452.0	454.5	455.7
17.5°	462.7	461.0	457.3	454.9	453.2	454.5	451.6	451.2	454.5	458.2	459.4
20°	467.6	466.4	461.9	459.0	459.0	460.2	457.3	455.7	459.4	463.9	465.2
22.5°	476.3	475.5	470.9	468.0	468.0	468.5	466.8	465.6	469.7	474.2	475.5
25°	488.7	488.7	484.1	482.9	482.5	483.3	481.2	480.0	483.7	487.0	488.2
27.5°	503.1	501.8	498.1	497.3	499.0	501.8	498.1	494.8	497.7	500.6	501.0
30°	518.3	518.3	515.0	515.0	516.3	517.5	514.2	510.9	513.8	517.1	517.5
32.5°	539.7	538.5	537.3	537.7	537.3	535.6	534.0	533.6	536.0	538.1	538.9
35°	566.1	565.7	564.0	564.9	564.9	564.9	559.9	558.3	562.4	564.0	563.2
37.5°	606.9	606.5	602.4	599.9	597.0	595.8	589.6	589.2	599.1	604.0	603.2
40°	656.8	655.1	651.4	647.3	643.6	641.1	634.9	639.4	649.7	653.5	653.5
42.5°	711.1	709.1	705.0	702.9	700.4	698.0	689.7	691.8	704.1	707.8	703.7
45°	777.9	775.0	770.5	765.9	762.2	757.3	753.2	755.2	768.4	772.9	769.6
47.5°	848.8	847.9	844.2	840.5	837.2	833.9	828.6	832.3	843.8	843.0	836.4
50°	923.7	925.4	925.8	929.5	927.0	927.4	917.6	915.5	924.6	919.2	911.0
52.5°	1004.5	1007.0	1015.6	1023.0	1036.6	1038.3	1025.9	1012.7	1011.1	997.1	988.4
55°	1098.0	1097.6	1116.6	1137.2	1167.2	1176.7	1149.1	1124.4	1110.8	1083.6	1074.5
57.5°	1203.9	1202.7	1231.5	1267.8	1322.2	1345.6	1295.0	1248.0	1215.0	1182.5	1173.0
60°	1318.9	1321.7	1356.8	1415.7	1509.6	1542.2	1465.5	1387.7	1337.4	1295.0	1291.3
62.5°	1453.2	1453.6	1494.8	1574.7	1696.7	1749.0	1643.5	1538.1	1474.2	1427.6	1417.7
65°	1611.8	1614.7	1658.8	1739.5	1879.6	1944.3	1822.8	1694.2	1618.8	1555.8	1554.5
67.5°	1774.6	1772.9	1813.3	1899.0	2034.1	2093.9	1966.6	1823.2	1725.1	1646.4	1636.1
70°	1878.8	1887.9	1931.5	2013.5	2142.9	2201.0	2046.1	1873.0	1770.4	1698.3	1693.4
72.5°	1791.0	1807.9	1864.4	2000.3	2183.7	2252.5	2027.1	1821.5	1692.1	1619.6	1619.6
75°	1454.0	1482.0	1560.7	1770.0	2042.8	2161.8	1876.7	1594.1	1405.8	1328.3	1328.3
77.5°	885.8	912.6	1018.9	1274.4	1649.7	1802.2	1529.8	1200.6	982.7	887.9	875.5
80°	294.6	311.9	416.1	647.7	1012.7	1199.4	1025.1	681.9	440.0	335.4	333.7
82.5°	78.3	85.3	118.7	187.9	439.6	649.7	468.9	225.0	129.0	100.1	92.3
85°	27.2	29.3	50.3	62.6	111.7	215.1	130.6	81.6	62.6	37.9	35.4
87.5°	7.8	8.7	20.2	21.8	32.1	25.1	35.4	32.5	29.7	12.4	11.1
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)