

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: P672373

Luminaire Tested: **CCP-SA-2C-727-U-5WQ**

Issue Date: 04/16/2023

Test Information

Test Method: LM-79-08
Report Number: P672373
Test Lab: INNOVATION CENTER(G2)
Issue Date: 04/16/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: CCP-SA-2C-727-U-5WQ
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @615mA w/ 5WQ
distribution lens
Light Source: (32) 2700K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 7925.2 lumens
Efficiency: N/A
Efficacy: 127.6 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type V - Short
BUG Rating: B3 - U0 - G2

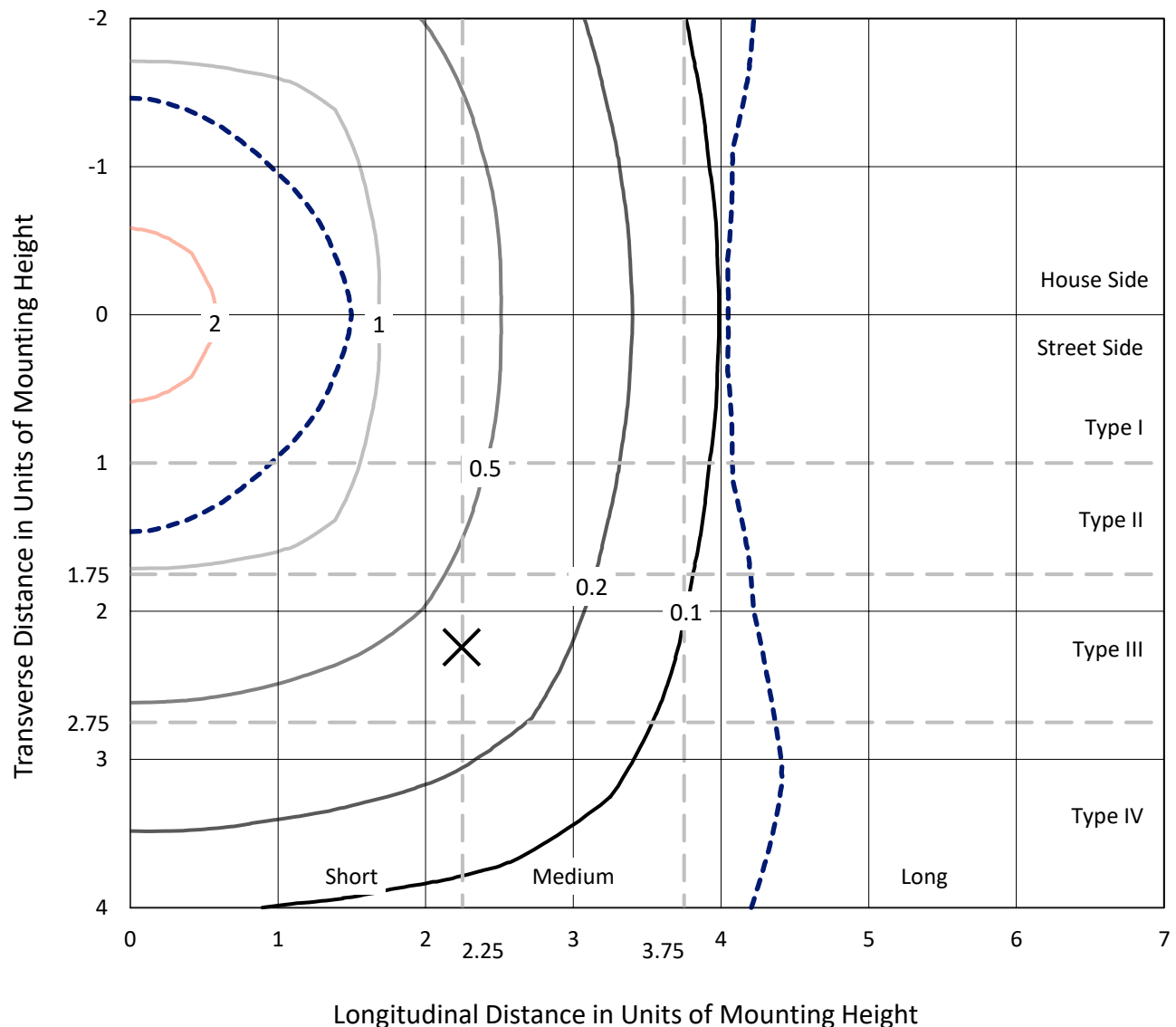
Input Watts (W): 62.1
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT

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Iso-Footcandle Lines of Horizontal Illumination

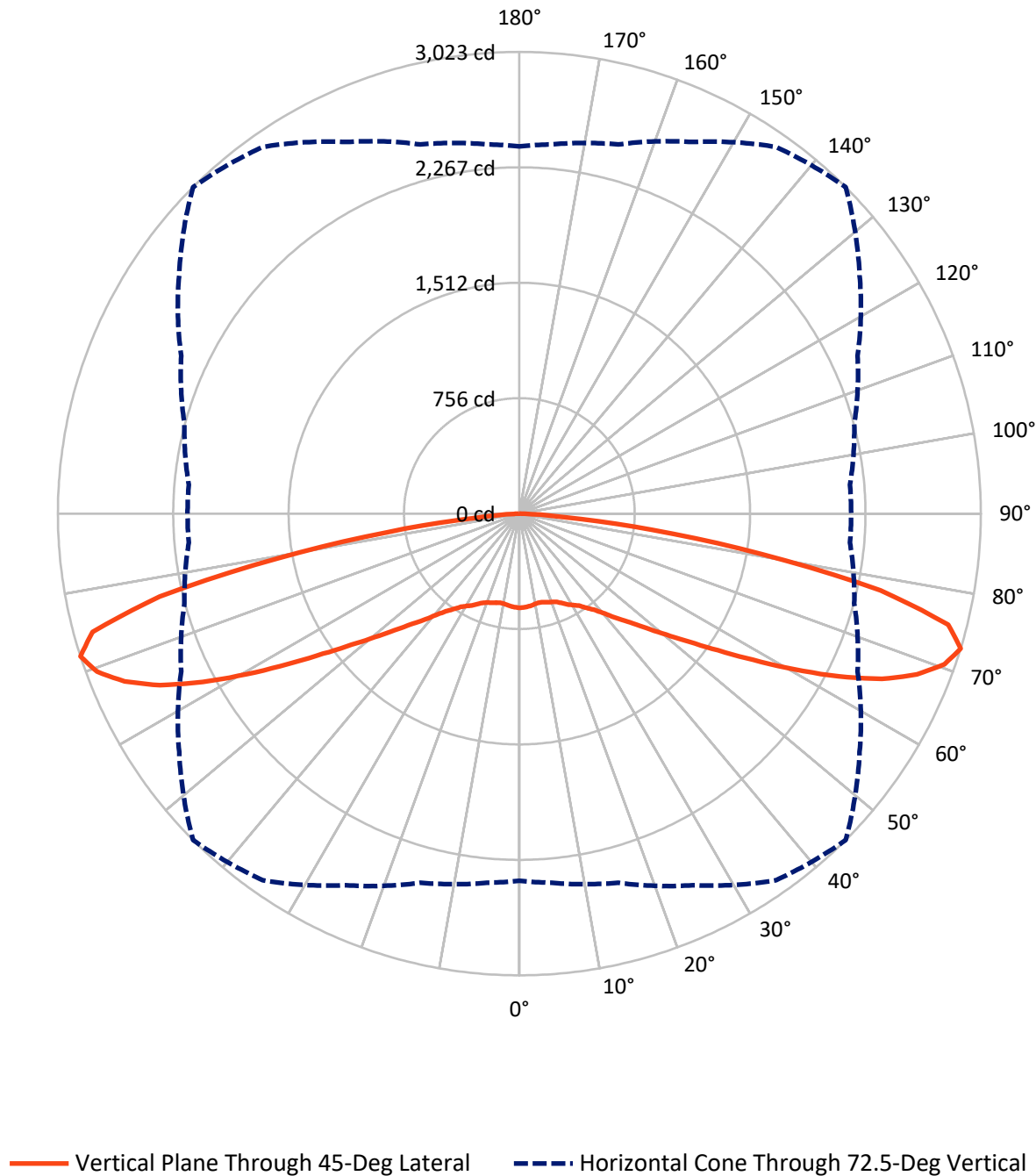
× Max cd
 - - - 1/2 Max cd



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

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Luminous Intensity Polar Plot



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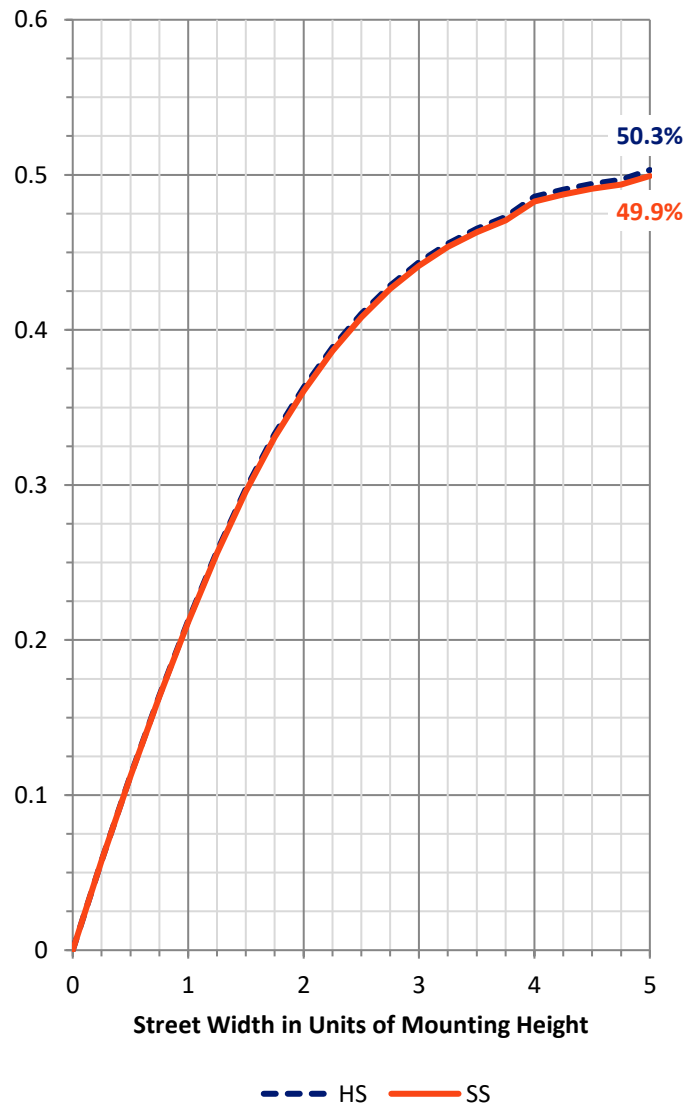
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3962.6	0.0	3962.6
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	3962.6	0.0	3962.6
	% Fixture	50.0	0.0	50.0
Total	Lumens	7925.2	0.0	7925.2
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	58.0	0.7
10°-20°	172.1	2.2
20°-30°	302.4	3.8
30°-40°	482.4	6.1
40°-50°	806.7	10.2
50°-60°	1380.4	17.4
60°-70°	2278.8	28.8
70°-80°	2184.1	27.6
80°-90°	260.5	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°	7925.2	100.0
0°-180°	7925.2	100.0



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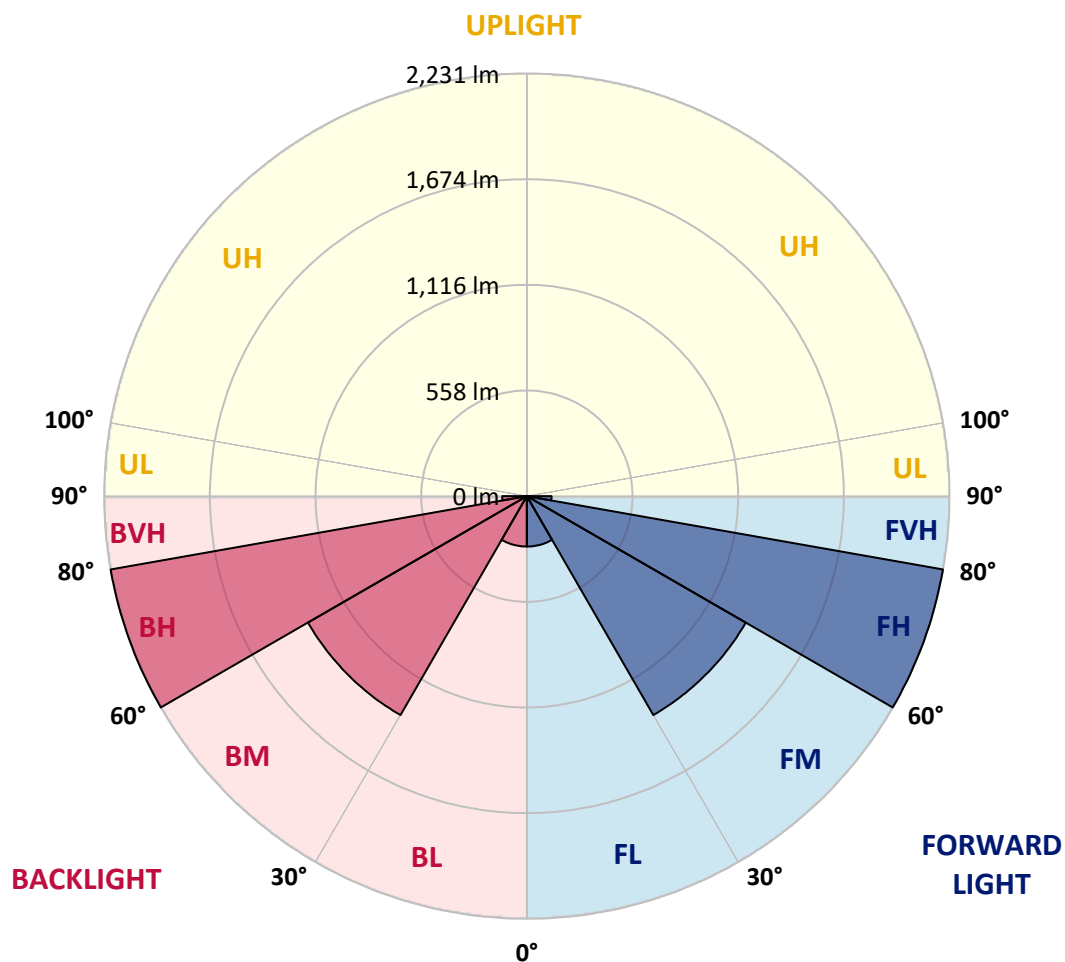
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	266.2	3.4			
FM	(30°-60°)	1334.7	16.8			
FH	(60°-80°)	2231.4	28.2			G2/5000
FVH	(80°-90°)	130.2	1.6			G2/225
BL	(0°-30°)	266.2	3.4	B1/500		
BM	(30°-60°)	1334.7	16.8	B2/2500		
BH	(60°-80°)	2231.4	28.2	B3/2500		G2/5000
BVH	(80°-90°)	130.2	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°	617.1	617.1	617.1	617.1	617.1	617.1	617.1	617.1	617.1	617.1	617.1
2.5°	613.3	613.3	614.9	615.5	614.9	614.4	613.8	613.3	614.9	614.4	614.9
5°	611.6	611.6	612.2	612.7	611.6	611.1	610.0	609.4	610.5	610.5	611.6
7.5°	607.2	606.6	607.2	607.7	606.1	605.5	603.9	603.9	603.9	603.3	604.4
10°	603.3	602.2	602.2	601.1	598.3	598.9	596.7	598.3	601.1	601.7	602.2
12.5°	605.0	603.9	602.8	600.0	596.1	596.7	596.1	597.8	601.7	603.9	605.5
15°	612.7	611.6	608.8	603.9	601.7	601.7	600.6	601.1	606.6	610.0	611.6
17.5°	621.0	618.8	613.8	610.5	608.3	610.0	606.1	605.5	610.0	614.9	616.6
20°	627.7	626.0	619.9	616.0	616.0	617.7	613.8	611.6	616.6	622.7	624.3
22.5°	639.3	638.2	632.1	628.2	628.2	628.8	626.5	624.9	630.4	636.5	638.2
25°	655.9	655.9	649.8	648.1	647.6	648.7	645.9	644.2	649.2	653.6	655.3
27.5°	675.2	673.6	668.6	667.5	669.7	673.6	668.6	664.1	668.0	671.9	672.4
30°	695.7	695.7	691.2	691.2	692.9	694.6	690.1	685.7	689.6	694.0	694.6
32.5°	724.4	722.8	721.1	721.7	721.1	718.9	716.7	716.1	719.4	722.2	723.3
35°	759.8	759.3	757.1	758.2	758.2	758.2	751.5	749.3	754.8	757.1	755.9
37.5°	814.6	814.0	808.5	805.2	801.3	799.6	791.3	790.8	804.1	810.7	809.6
40°	881.5	879.3	874.3	868.8	863.8	860.5	852.2	858.3	872.1	877.1	877.1
42.5°	954.5	951.7	946.2	943.4	940.1	936.8	925.7	928.5	945.1	950.0	944.5
45°	1044.1	1040.2	1034.1	1028.0	1023.0	1016.4	1010.9	1013.6	1031.3	1037.4	1033.0
47.5°	1139.2	1138.1	1133.1	1128.1	1123.7	1119.3	1112.1	1117.1	1132.5	1131.4	1122.6
50°	1239.8	1242.0	1242.6	1247.6	1244.2	1244.8	1231.5	1228.8	1240.9	1233.7	1222.7
52.5°	1348.2	1351.5	1363.1	1373.1	1391.3	1393.6	1377.0	1359.3	1357.1	1338.3	1326.6
55°	1473.7	1473.2	1498.6	1526.3	1566.6	1579.4	1542.3	1509.1	1490.9	1454.4	1442.2
57.5°	1615.9	1614.2	1652.9	1701.6	1774.6	1806.1	1738.1	1675.0	1630.8	1587.1	1574.4
60°	1770.1	1774.0	1821.0	1900.1	2026.2	2069.9	1967.0	1862.5	1795.0	1738.1	1733.1
62.5°	1950.4	1951.0	2006.3	2113.6	2277.2	2347.5	2205.9	2064.3	1978.6	1916.1	1902.9
65°	2163.3	2167.2	2226.4	2334.8	2522.8	2609.6	2446.5	2273.9	2172.7	2088.1	2086.5
67.5°	2381.8	2379.5	2433.7	2548.8	2730.1	2810.3	2639.5	2447.0	2315.4	2209.8	2196.0
70°	2521.7	2533.8	2592.4	2702.5	2876.1	2954.1	2746.2	2513.9	2376.2	2279.5	2272.8
72.5°	2403.9	2426.6	2502.3	2684.8	2930.9	3023.2	2720.7	2444.8	2271.2	2173.8	2173.8
75°	1951.5	1989.1	2094.8	2375.7	2741.8	2901.6	2518.9	2139.5	1886.8	1782.9	1782.9
77.5°	1188.9	1224.9	1367.6	1710.4	2214.2	2418.8	2053.3	1611.4	1318.9	1191.7	1175.1
80°	395.4	418.6	558.5	869.3	1359.3	1609.8	1375.9	915.2	590.6	450.1	447.9
82.5°	105.1	114.5	159.3	252.2	590.0	872.1	629.3	301.9	173.1	134.4	123.9
85°	36.5	39.3	67.5	84.1	149.9	288.7	175.3	109.5	84.1	50.9	47.6
87.5°	10.5	11.6	27.1	29.3	43.1	33.7	47.6	43.7	39.8	16.6	14.9
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)