

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: P672450

Luminaire Tested: **CCP-SA-2C-830-U-5WQ**

Issue Date: 04/16/2023



**Test Information**

Test Method: LM-79-08  
Report Number: P672450  
Test Lab: INNOVATION CENTER(G2)  
Issue Date: 04/16/2023  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: INVUE  
Catalog Number: CCP-SA-2C-830-U-5WQ  
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @615mA w/ 5WQ  
distribution lens  
Light Source: (32) 3000K CCT, 80 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

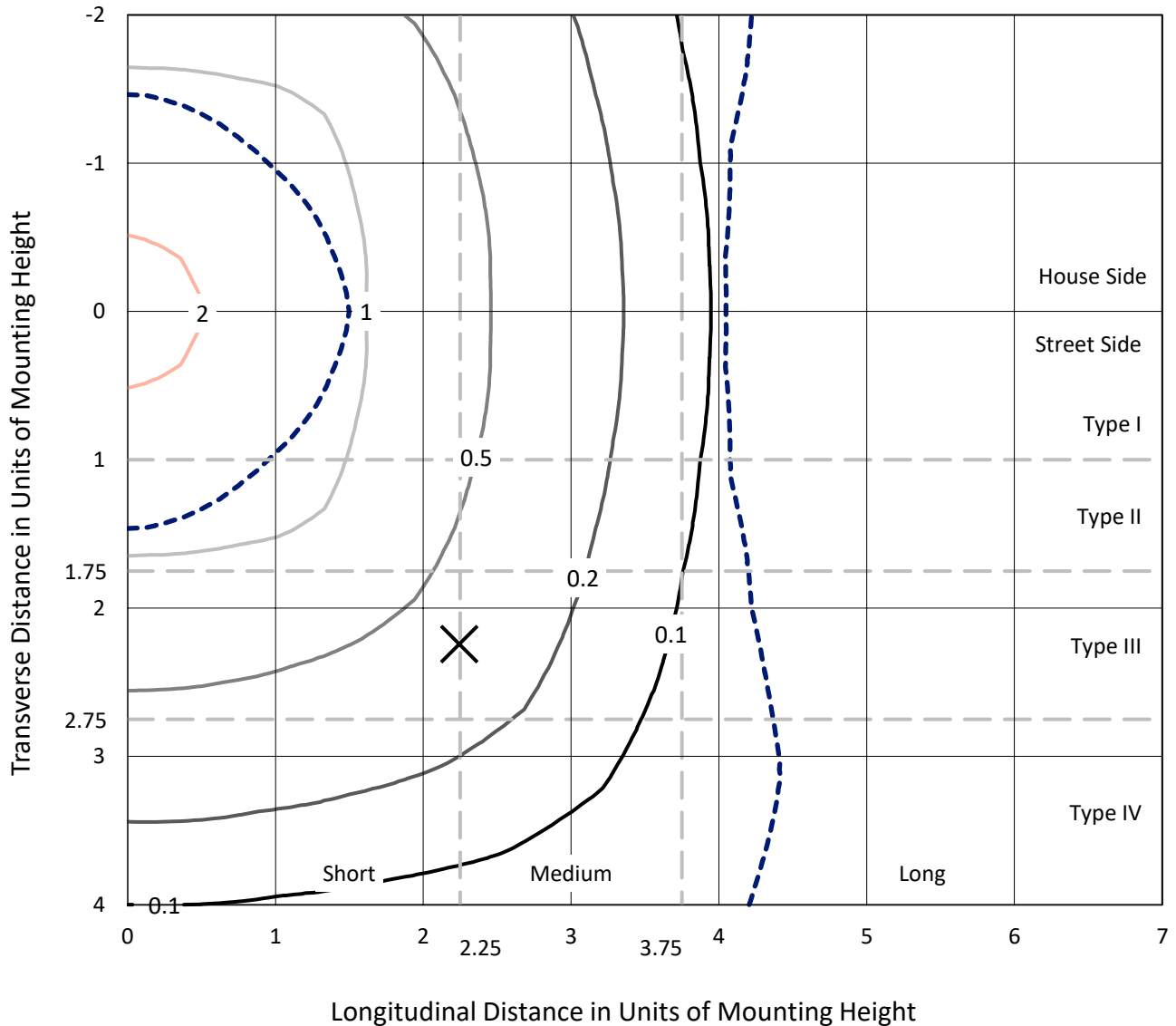
Lumens per Lamp: N/A  
Luminaire Lumens: 7530 lumens  
Efficiency: N/A  
Efficacy: 121.3 lumens/watt  
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')  
IES Classification: Type V - Short  
BUG Rating: B3 - U0 - G2

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

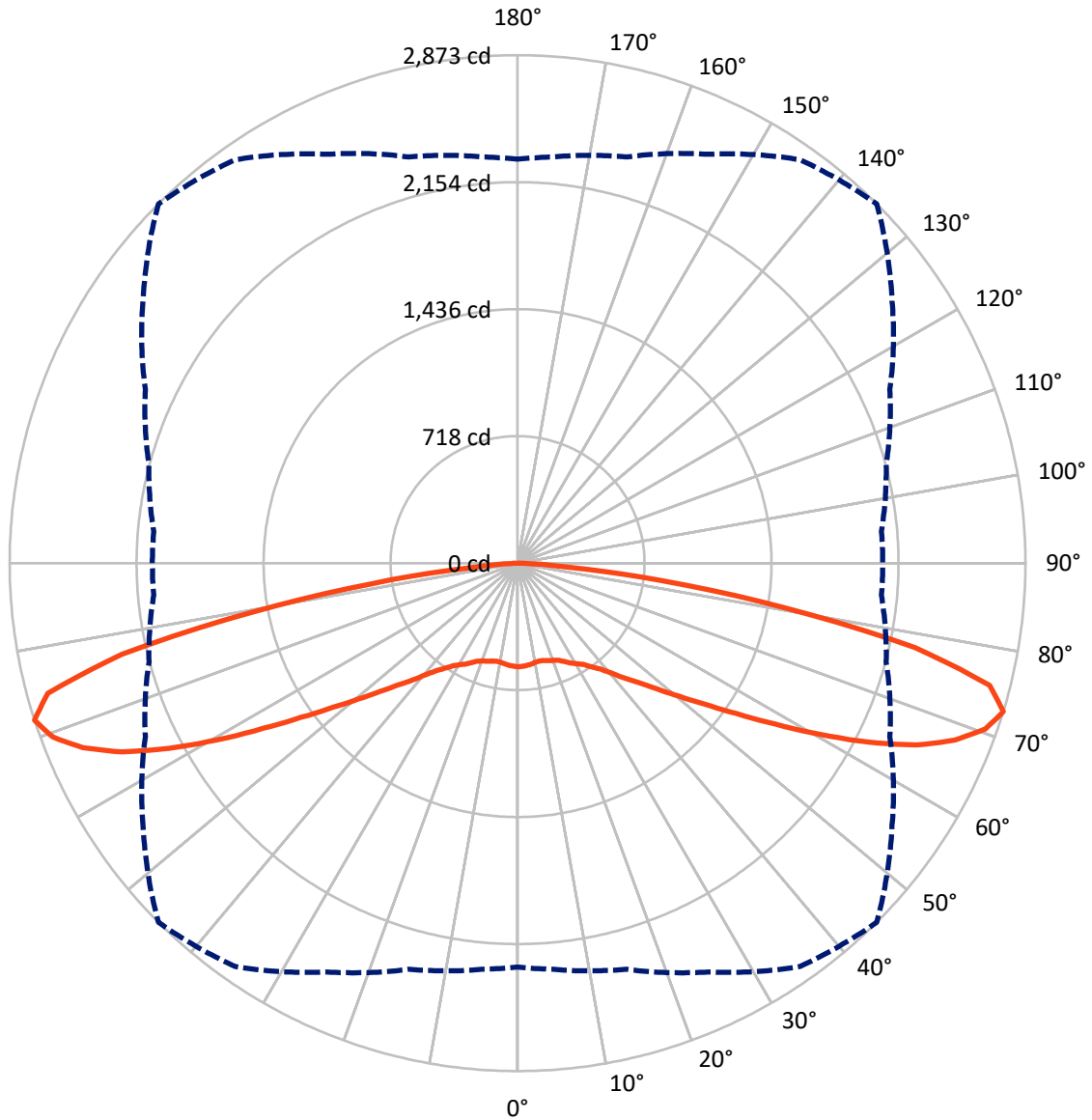
× Max cd  
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 2.6 fc  
 Type V - Short - N/A

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### Luminous Intensity Polar Plot



— Vertical Plane Through 45-Deg Lateral      - - - Horizontal Cone Through 72.5-Deg Vertical

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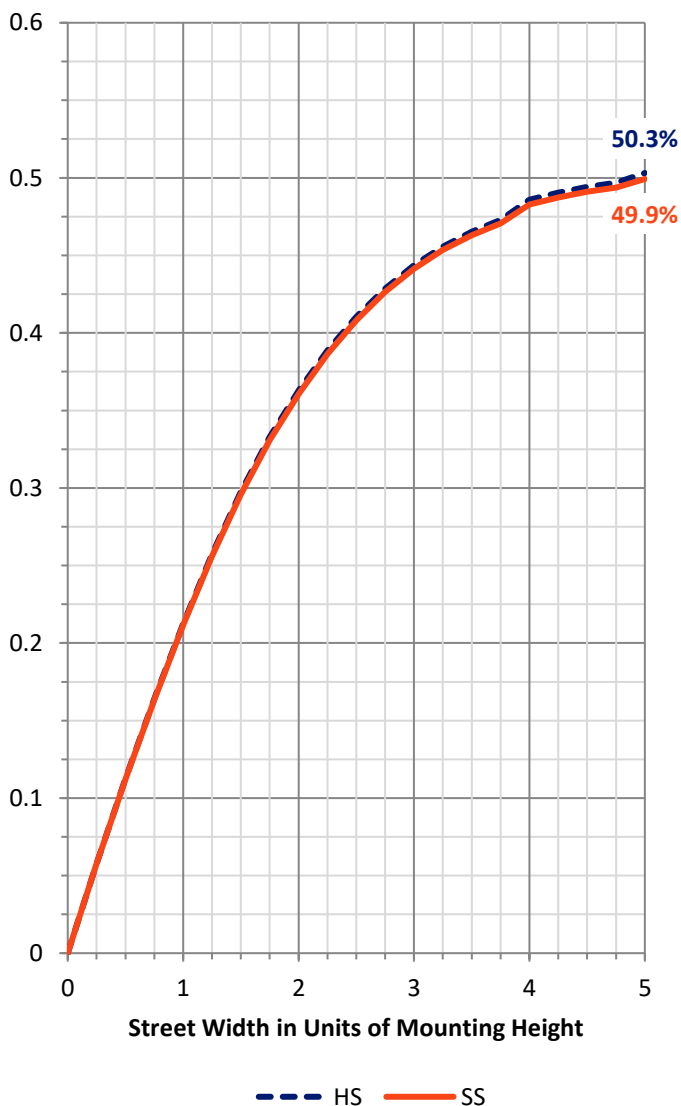
**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	3765.0	0.0	3765.0
	% Fixture	50.0	0.0	50.0
<b>Street Side</b>	Lumens	3765.0	0.0	3765.0
	% Fixture	50.0	0.0	50.0
<b>Total</b>	Lumens	7530.0	0.0	7530.0
	% Fixture	100.0	0.0	100.0

**Coefficient of Utilization**

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	55.1	0.7
10°-20°	163.6	2.2
20°-30°	287.3	3.8
30°-40°	458.4	6.1
40°-50°	766.4	10.2
50°-60°	1311.5	17.4
60°-70°	2165.1	28.8
70°-80°	2075.2	27.6
80°-90°	247.5	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°	7530.0	100.0
0°-180°	7530.0	100.0



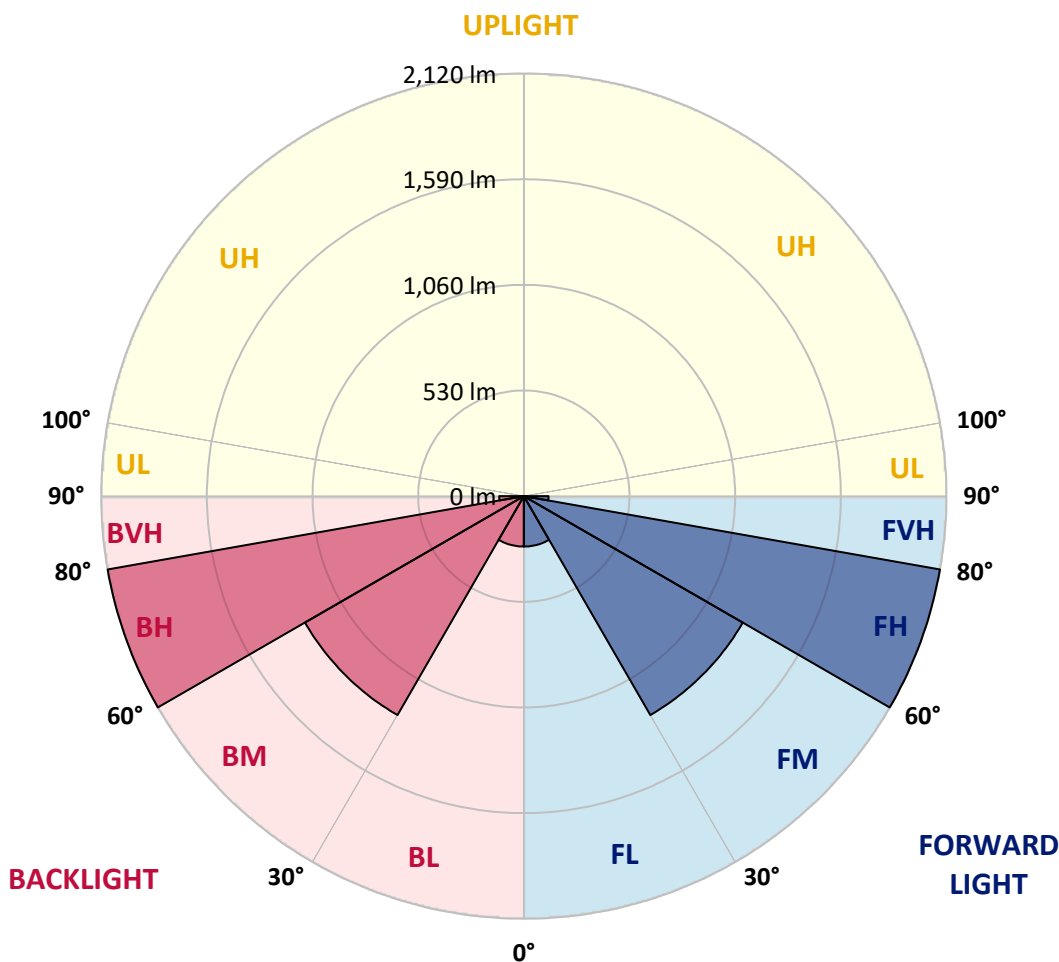
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	253.0	3.4			
FM (30°-60°)	1268.2	16.8			
FH (60°-80°)	2120.2	28.2			G2/5000
FVH (80°-90°)	123.7	1.6			G2/225
BL (0°-30°)	253.0	3.4	B1/500		
BM (30°-60°)	1268.2	16.8	B2/2500		
BH (60°-80°)	2120.2	28.2	B3/2500		G2/5000
BVH (80°-90°)	123.7	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°	586.4	586.4	586.4	586.4	586.4	586.4	586.4	586.4	586.4	586.4	586.4
2.5°	582.7	582.7	584.3	584.8	584.3	583.7	583.2	582.7	584.3	583.7	584.3
5°	581.1	581.1	581.6	582.2	581.1	580.6	579.5	579.0	580.1	580.1	581.1
7.5°	576.9	576.4	576.9	577.4	575.9	575.3	573.8	573.8	573.8	573.2	574.3
10°	573.2	572.2	572.2	571.1	568.5	569.0	566.9	568.5	571.1	571.7	572.2
12.5°	574.8	573.8	572.7	570.1	566.4	566.9	566.4	568.0	571.7	573.8	575.3
15°	582.2	581.1	578.5	573.8	571.7	571.7	570.6	571.1	576.4	579.5	581.1
17.5°	590.1	587.9	583.2	580.1	578.0	579.5	575.9	575.3	579.5	584.3	585.8
20°	596.4	594.8	589.0	585.3	585.3	586.9	583.2	581.1	585.8	591.6	593.2
22.5°	607.4	606.3	600.6	596.9	596.9	597.4	595.3	593.7	599.0	604.8	606.3
25°	623.2	623.2	617.4	615.8	615.3	616.3	613.7	612.1	616.8	621.1	622.6
27.5°	641.5	640.0	635.2	634.2	636.3	640.0	635.2	631.0	634.7	638.4	638.9
30°	661.0	661.0	656.8	656.8	658.4	659.9	655.7	651.5	655.2	659.4	659.9
32.5°	688.3	686.7	685.2	685.7	685.2	683.1	680.9	680.4	683.6	686.2	687.3
35°	721.9	721.4	719.3	720.4	720.4	720.4	714.1	711.9	717.2	719.3	718.3
37.5°	773.9	773.4	768.2	765.0	761.3	759.8	751.9	751.4	764.0	770.3	769.2
40°	837.5	835.4	830.7	825.4	820.7	817.6	809.7	815.5	828.6	833.3	833.3
42.5°	906.9	904.3	899.0	896.4	893.2	890.1	879.6	882.2	897.9	902.7	897.4
45°	992.0	988.3	982.5	976.8	972.0	965.7	960.5	963.1	979.9	985.7	981.5
47.5°	1082.4	1081.3	1076.6	1071.9	1067.7	1063.5	1056.6	1061.4	1076.1	1075.0	1066.6
50°	1178.0	1180.1	1180.6	1185.4	1182.2	1182.7	1170.1	1167.5	1179.0	1172.2	1161.7
52.5°	1281.0	1284.1	1295.2	1304.6	1322.0	1324.1	1308.3	1291.5	1289.4	1271.5	1260.5
55°	1400.3	1399.7	1423.9	1450.2	1488.5	1500.6	1465.4	1433.9	1416.5	1381.9	1370.3
57.5°	1535.3	1533.7	1570.5	1616.7	1686.1	1716.0	1651.4	1591.5	1549.5	1508.0	1495.9
60°	1681.9	1685.6	1730.2	1805.4	1925.2	1966.7	1868.9	1769.6	1705.5	1651.4	1646.7
62.5°	1853.2	1853.7	1906.2	2008.2	2163.7	2230.4	2095.9	1961.4	1880.0	1820.6	1808.0
65°	2055.5	2059.1	2115.4	2218.3	2397.0	2479.5	2324.5	2160.5	2064.4	1984.0	1982.4
67.5°	2263.0	2260.9	2312.4	2421.7	2594.0	2670.2	2507.8	2325.0	2199.9	2099.6	2086.5
70°	2395.9	2407.5	2463.2	2567.7	2732.7	2806.8	2609.3	2388.6	2257.7	2165.8	2159.5
72.5°	2284.0	2305.6	2377.5	2550.9	2784.7	2872.5	2585.1	2322.9	2157.9	2065.4	2065.4
75°	1854.2	1889.9	1990.3	2257.2	2605.0	2756.9	2393.3	2032.9	1792.7	1694.0	1694.0
77.5°	1129.7	1163.8	1299.4	1625.1	2103.8	2298.2	1950.9	1531.1	1253.1	1132.3	1116.5
80°	375.7	397.7	530.7	826.0	1291.5	1529.5	1307.3	869.6	561.2	427.7	425.6
82.5°	99.8	108.8	151.3	239.6	560.6	828.6	597.9	286.9	164.5	127.7	117.7
85°	34.7	37.3	64.1	79.9	142.4	274.3	166.6	104.0	79.9	48.3	45.2
87.5°	10.0	11.0	25.7	27.8	41.0	32.1	45.2	41.5	37.8	15.8	14.2
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)