

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: P672507

Luminaire Tested: **CCP-SA-2D-722-U-5MQ**

Issue Date: 04/16/2023



Test Information

Test Method: LM-79-08
Report Number: P672507
Test Lab: INNOVATION CENTER(G2)
Issue Date: 04/16/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: CCP-SA-2D-722-U-5MQ
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @800mA w/ 5MQ distribution lens
Light Source: (32) 2200K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

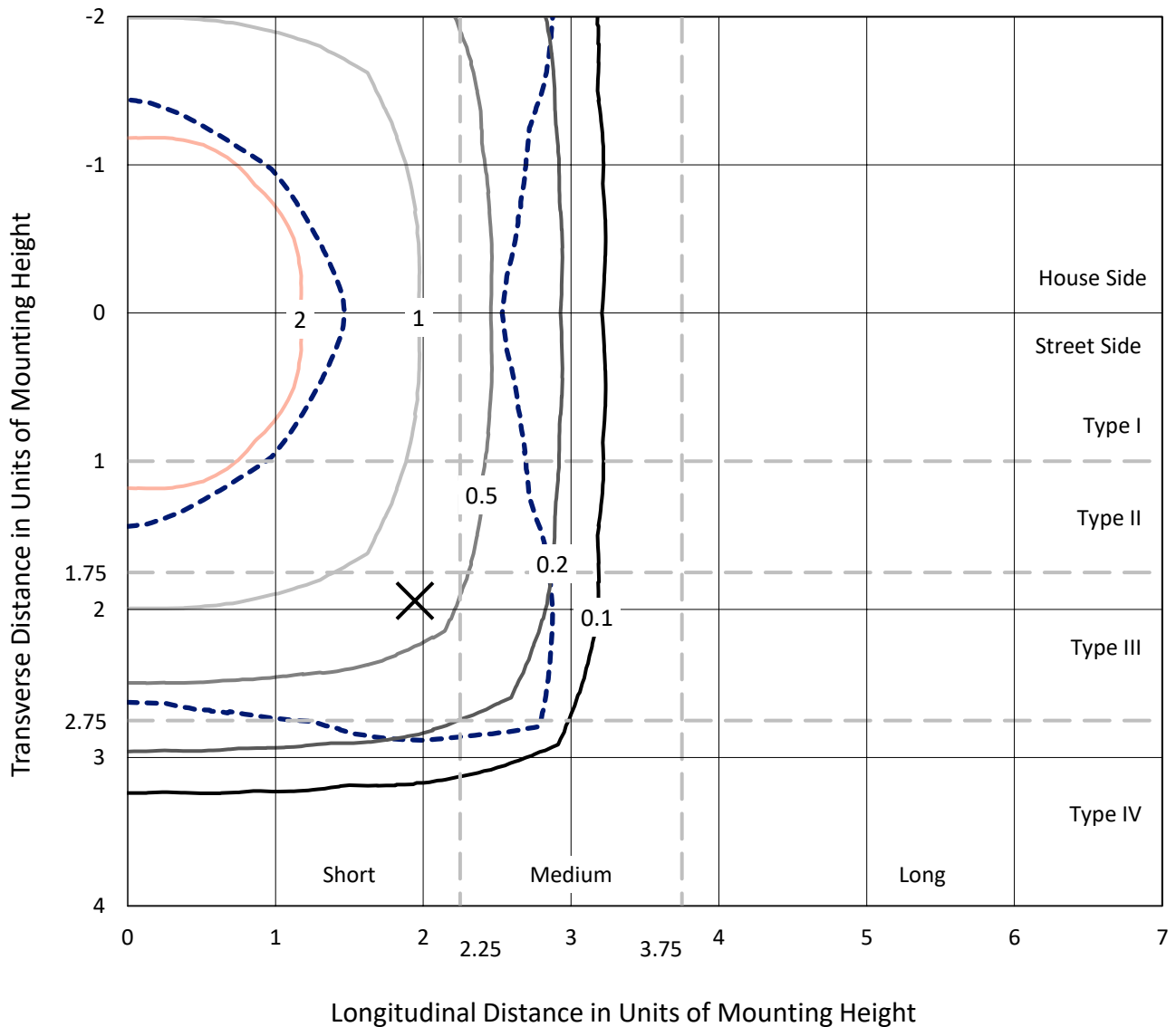
Lumens per Lamp: N/A
Luminaire Lumens: 8480 lumens
Efficiency: N/A
Efficacy: 105.0 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type V - Short
BUG Rating: B3 - U0 - G2

Input Watts (W): 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

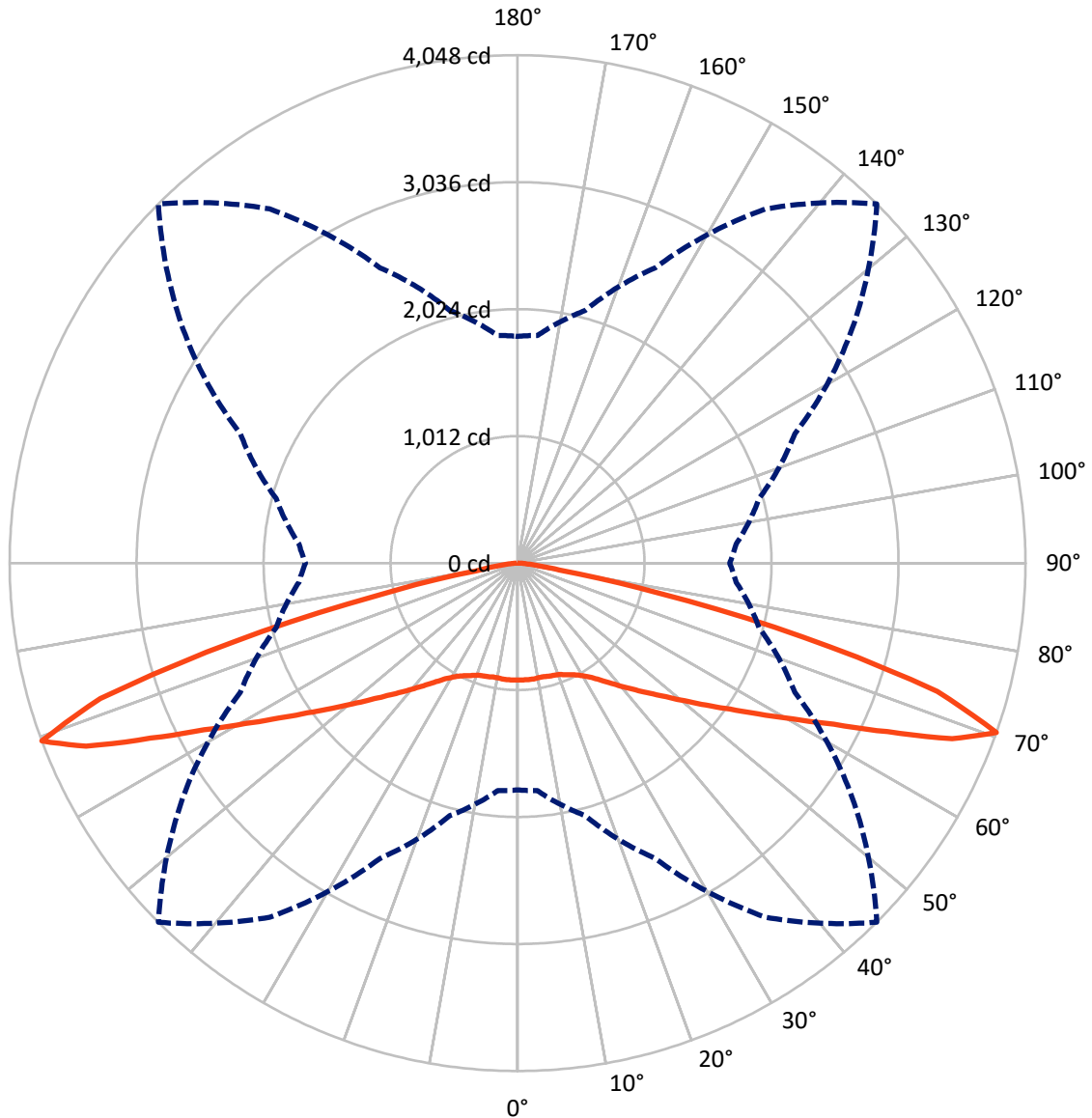
× Max cd
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 4.1 fc
 Type V - Short - N/A

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Luminous Intensity Polar Plot



— Vertical Plane Through 45-Deg Lateral - - - Horizontal Cone Through 70-Deg Vertical

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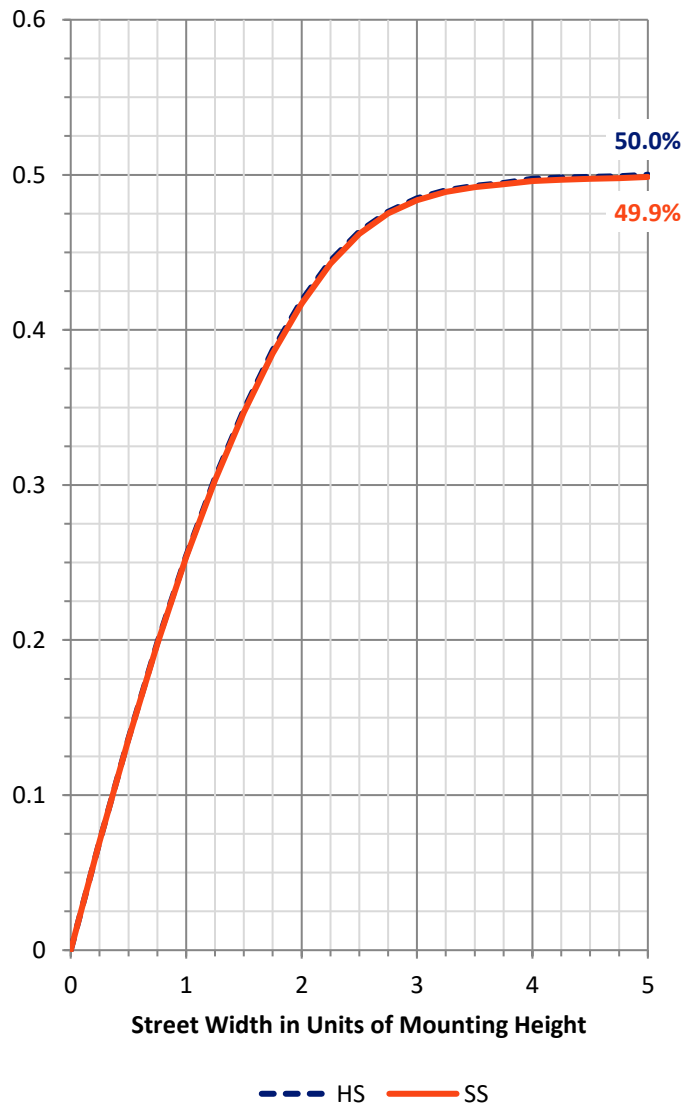
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	4240.0	0.0	4240.0
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	4240.0	0.0	4240.0
	% Fixture	50.0	0.0	50.0
Total	Lumens	8480.0	0.0	8480.0
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	88.7	1.0
10°-20°	262.5	3.1
20°-30°	448.3	5.3
30°-40°	715.4	8.4
40°-50°	1154.5	13.6
50°-60°	1848.7	21.8
60°-70°	2706.4	31.9
70°-80°	1190.2	14.0
80°-90°	65.2	0.8
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°	8480.0	100.0
0°-180°	8480.0	100.0



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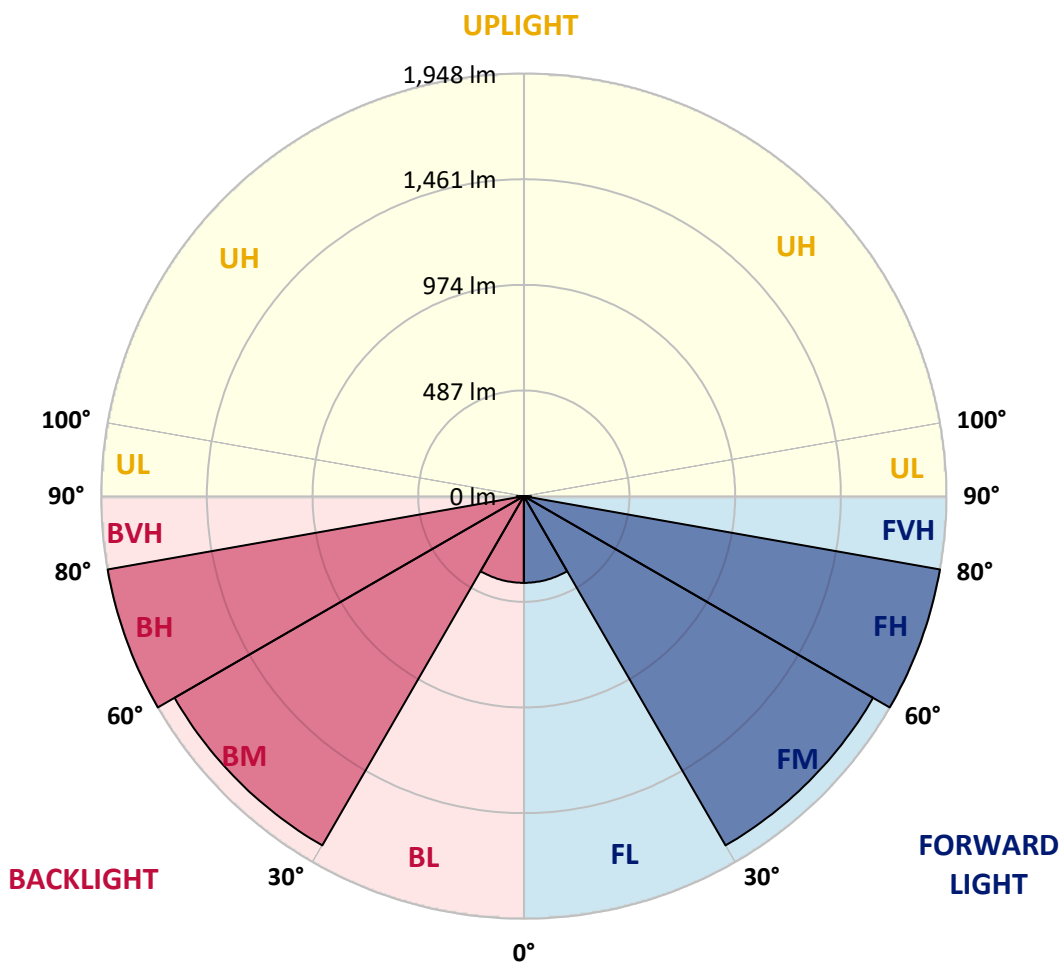
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	399.8	4.7			
FM (30°-60°)	1859.3	21.9			
FH (60°-80°)	1948.3	23.0			G2/5000
FVH (80°-90°)	32.6	0.4			G1/100
BL (0°-30°)	399.8	4.7	B1/500		
BM (30°-60°)	1859.3	21.9	B2/2500		
BH (60°-80°)	1948.3	23.0	B3/2500		G2/5000
BVH (80°-90°)	32.6	0.4			G1/100
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°	932.5	932.5	932.5	932.5	932.5	932.5	932.5	932.5	932.5	932.5	932.5
2.5°	931.3	930.7	931.9	932.5	931.3	931.9	928.3	928.3	930.1	928.3	930.7
5°	935.5	934.3	935.5	935.5	932.5	932.5	928.3	927.1	928.3	925.3	927.7
7.5°	936.1	933.7	935.5	934.9	932.5	932.5	926.5	924.1	924.7	921.7	923.5
10°	930.1	928.9	931.3	930.1	928.3	928.3	923.5	919.9	919.9	916.9	918.7
12.5°	926.5	925.3	928.3	928.9	927.7	928.3	922.3	917.5	915.7	912.1	913.3
15°	926.5	924.1	928.9	930.1	931.3	935.5	926.5	918.1	914.5	909.7	910.9
17.5°	925.9	924.7	930.1	934.3	935.5	940.3	930.1	921.1	916.9	909.7	910.9
20°	925.9	925.3	931.9	939.7	943.3	947.5	936.7	928.3	921.1	913.3	913.3
22.5°	928.9	928.3	937.3	948.7	959.0	966.2	953.6	939.7	930.1	919.9	918.7
25°	941.5	940.3	951.2	965.0	978.8	986.0	973.4	959.6	945.7	934.3	933.1
27.5°	967.4	966.8	977.6	994.4	1004.0	1009.4	998.6	986.6	972.8	959.6	959.0
30°	1002.2	1002.2	1016.0	1033.5	1038.9	1043.1	1032.3	1023.9	1009.4	995.0	993.8
32.5°	1044.3	1046.7	1062.9	1082.1	1085.7	1088.1	1076.7	1071.3	1055.7	1040.1	1037.7
35°	1099.6	1100.2	1120.0	1139.2	1144.0	1146.4	1133.2	1128.4	1114.0	1097.2	1093.6
37.5°	1169.9	1168.1	1186.7	1208.3	1213.1	1216.1	1205.3	1201.7	1183.7	1166.9	1161.5
40°	1248.6	1249.8	1270.8	1291.2	1294.2	1295.4	1290.0	1284.6	1267.8	1248.6	1242.0
42.5°	1339.9	1339.9	1364.5	1388.6	1388.6	1382.6	1380.2	1379.0	1362.7	1341.1	1333.9
45°	1444.5	1445.7	1476.3	1494.3	1495.5	1479.3	1481.7	1488.9	1473.3	1445.7	1436.0
47.5°	1559.2	1561.0	1597.1	1616.9	1613.3	1592.3	1605.5	1609.1	1591.1	1555.6	1543.0
50°	1680.0	1685.4	1725.7	1760.5	1755.7	1725.1	1742.5	1743.7	1714.2	1673.4	1656.0
52.5°	1810.4	1823.0	1876.5	1913.7	1918.5	1880.1	1895.1	1893.9	1856.0	1800.2	1788.7
55°	1972.0	1979.2	2032.1	2085.0	2103.0	2055.5	2072.3	2063.9	2012.9	1949.2	1929.9
57.5°	2133.6	2144.4	2212.3	2271.8	2307.9	2267.6	2271.2	2249.6	2185.3	2108.4	2098.8
60°	2325.3	2330.1	2405.2	2482.7	2545.2	2521.2	2504.4	2459.3	2383.6	2306.7	2292.9
62.5°	2482.1	2491.7	2603.5	2717.7	2823.4	2827.6	2776.5	2709.2	2588.5	2459.9	2432.3
65°	2525.4	2541.0	2697.8	2923.2	3143.1	3241.0	3101.0	2895.5	2625.7	2431.7	2390.2
67.5°	2324.1	2354.1	2578.3	2952.6	3440.5	3734.3	3359.4	2807.2	2430.5	2203.9	2164.3
70°	1807.4	1820.6	2083.8	2597.5	3445.3	4048.0	3255.4	2437.7	1992.4	1749.1	1690.8
72.5°	960.2	966.8	1204.1	1749.1	2803.6	3497.0	2690.0	1705.8	1172.9	951.8	885.1
75°	310.0	318.5	414.6	716.2	1546.6	2349.9	1586.3	709.6	404.4	326.3	308.8
77.5°	158.0	157.4	174.8	230.7	520.3	1151.8	550.4	248.8	174.8	156.8	152.0
80°	98.5	96.7	110.0	126.2	182.1	336.5	197.7	139.4	110.6	94.9	94.3
82.5°	55.9	55.9	73.9	81.1	102.7	138.8	115.4	95.5	75.7	56.5	54.7
85°	31.2	27.6	46.3	51.1	58.9	68.5	70.3	61.9	51.1	31.2	32.4
87.5°	11.4	12.6	21.6	20.4	23.4	16.2	28.8	32.4	28.8	15.0	12.6
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)