

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: P672508

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

Issue Date: 04/16/2023



Test Information

Test Method: LM-79-08
Report Number: P672508
Test Lab: INNOVATION CENTER(G2)
Issue Date: 04/16/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: CCP-SA-2E-722-U-5MQ
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @1050mA w/ 5MQ distribution lens
Light Source: (32) 2200K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

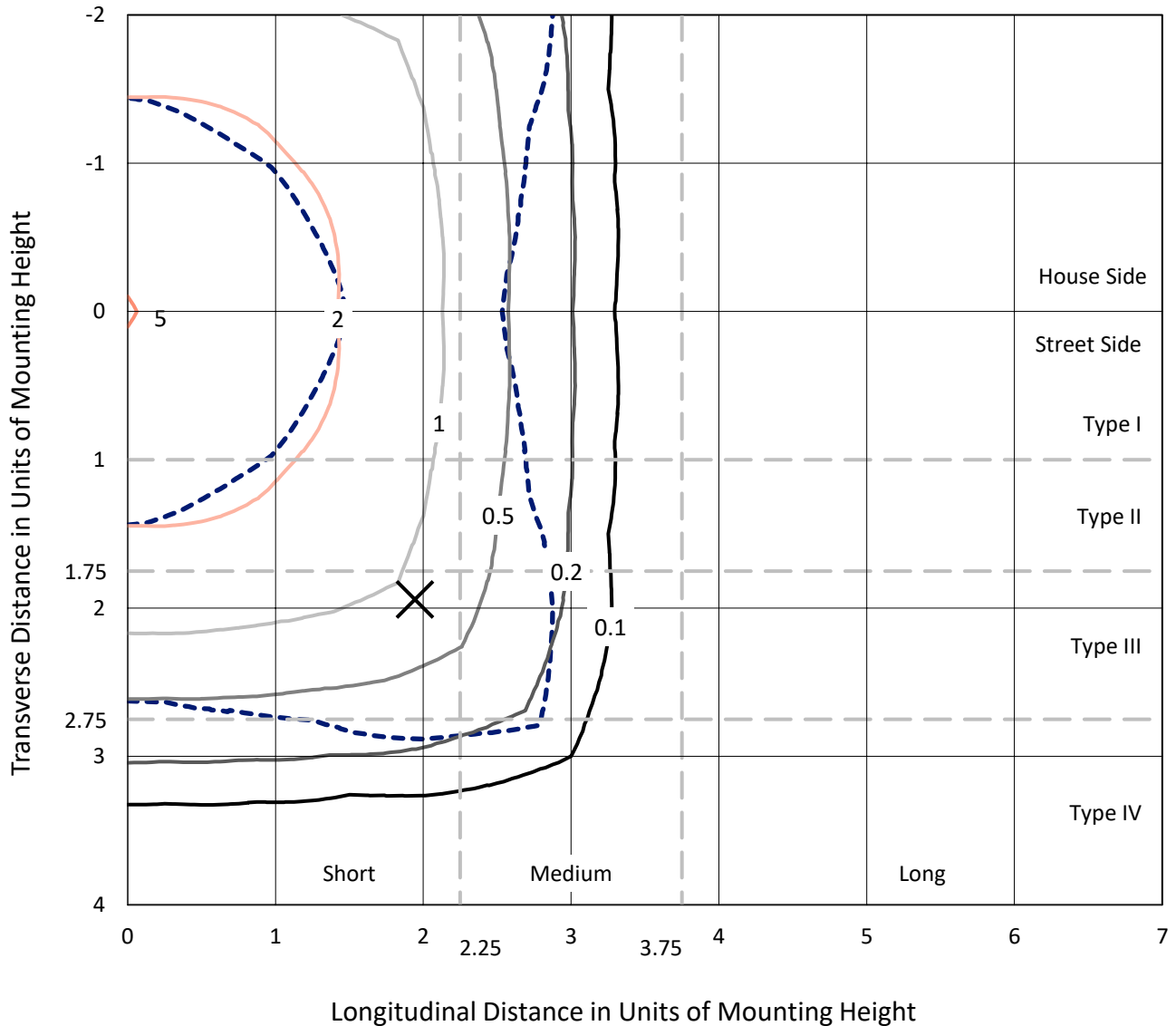
Lumens per Lamp: N/A
Luminaire Lumens: 10396.3 lumens
Efficiency: N/A
Efficacy: 97.5 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type V - Short
BUG Rating: B3 - U0 - G2

Input Watts (W): 106.6
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

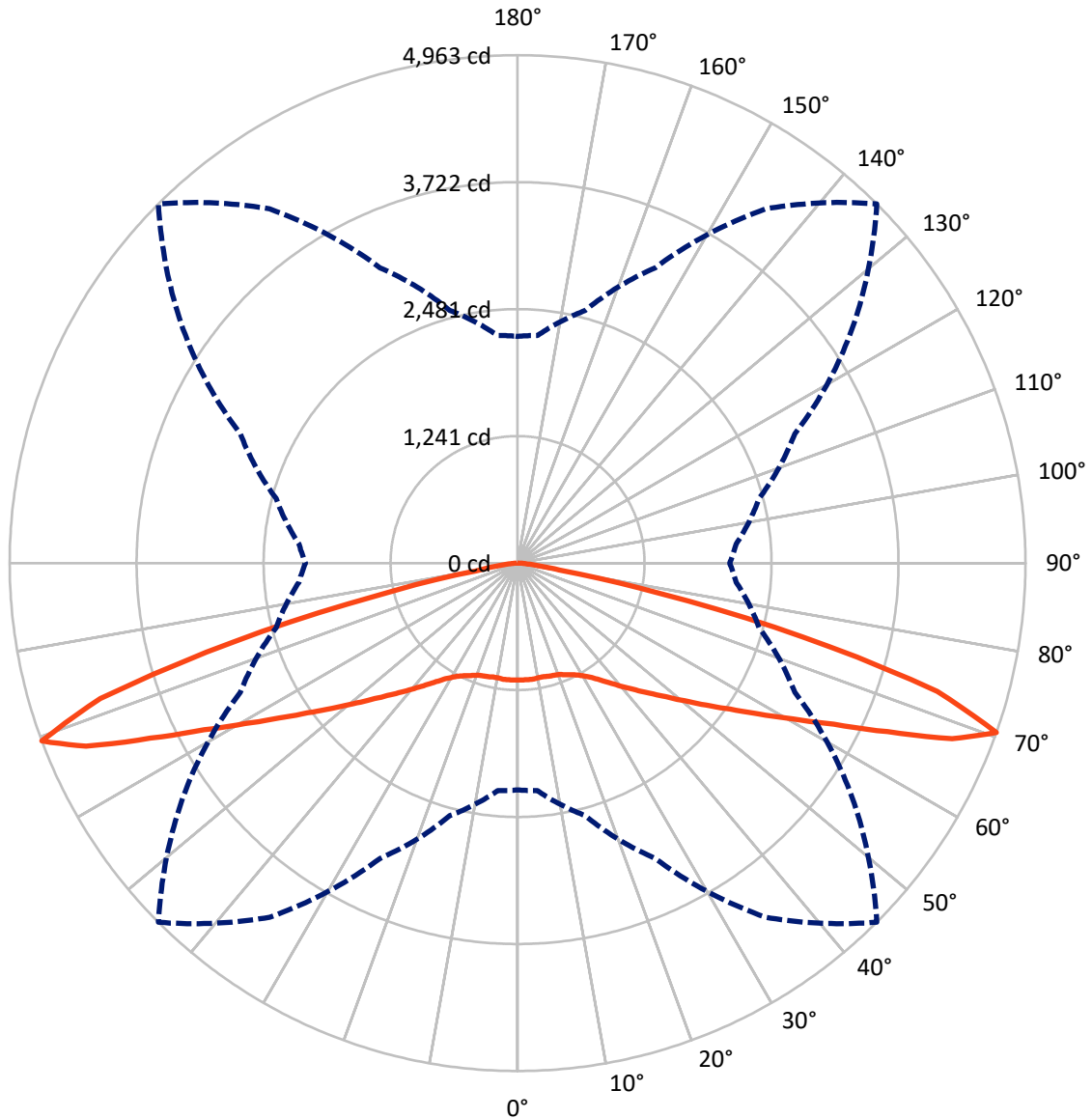
× Max cd
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 5.1 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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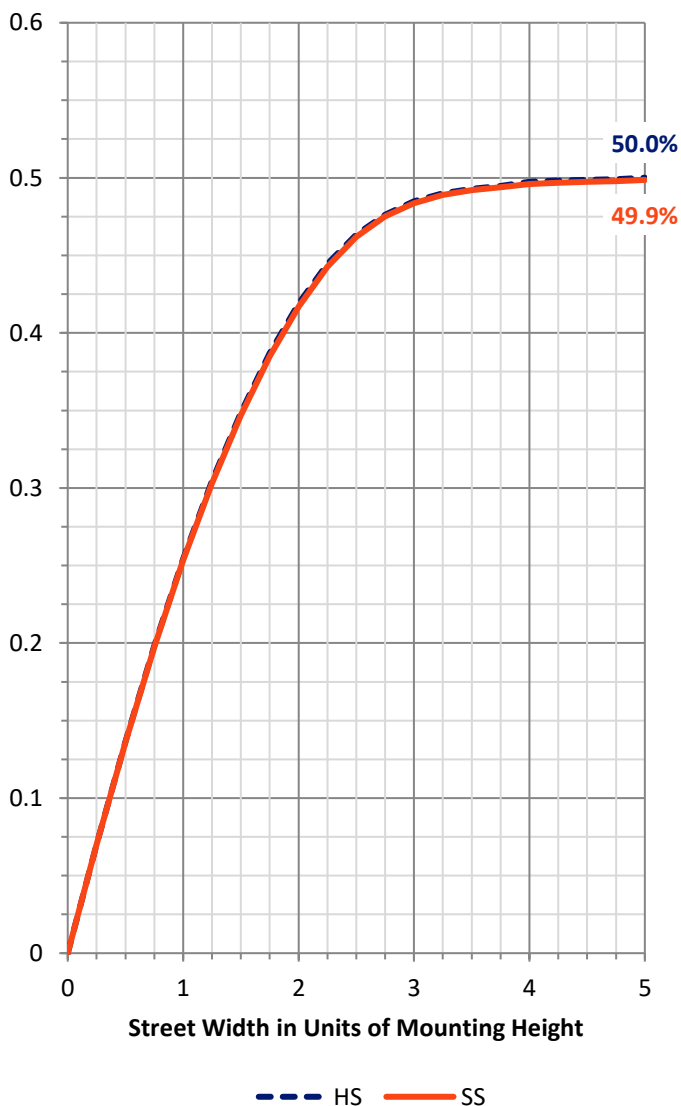
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	5198.2	0.0	5198.2
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	5198.2	0.0	5198.2
	% Fixture	50.0	0.0	50.0
Total	Lumens	10396.3	0.0	10396.3
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	108.8	1.0
10°-20°	321.9	3.1
20°-30°	549.7	5.3
30°-40°	877.1	8.4
40°-50°	1415.4	13.6
50°-60°	2266.4	21.8
60°-70°	3317.9	31.9
70°-80°	1459.2	14.0
80°-90°	80.0	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°	10396.3	100.0
0°-180°	10396.3	100.0



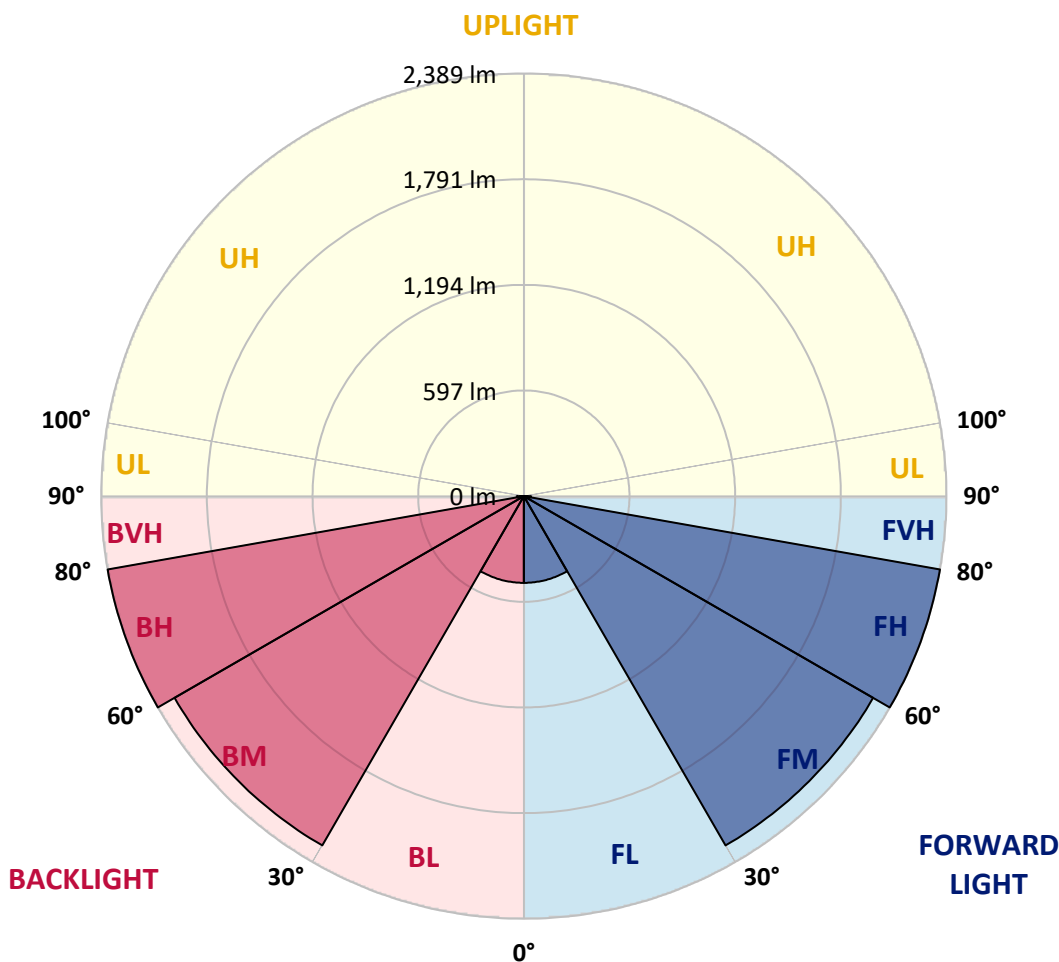
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	490.1	4.7			
FM (30°-60°)	2279.5	21.9			
FH (60°-80°)	2388.6	23.0			G2/5000
FVH (80°-90°)	40.0	0.4			G1/100
BL (0°-30°)	490.1	4.7	B1/500		
BM (30°-60°)	2279.5	21.9	B2/2500		
BH (60°-80°)	2388.6	23.0	B3/2500		G2/5000
BVH (80°-90°)	40.0	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°	1143.3	1143.3	1143.3	1143.3	1143.3	1143.3	1143.3	1143.3	1143.3	1143.3	1143.3
2.5°	1141.8	1141.0	1142.5	1143.3	1141.8	1142.5	1138.1	1138.1	1140.3	1138.1	1141.0
5°	1146.9	1145.5	1146.9	1146.9	1143.3	1143.3	1138.1	1136.6	1138.1	1134.4	1137.4
7.5°	1147.7	1144.7	1146.9	1146.2	1143.3	1143.3	1135.9	1132.9	1133.7	1130.0	1132.2
10°	1140.3	1138.8	1141.8	1140.3	1138.1	1138.1	1132.2	1127.8	1127.8	1124.1	1126.3
12.5°	1135.9	1134.4	1138.1	1138.8	1137.4	1138.1	1130.7	1124.8	1122.6	1118.2	1119.7
15°	1135.9	1132.9	1138.8	1140.3	1141.8	1146.9	1135.9	1125.6	1121.2	1115.3	1116.7
17.5°	1135.2	1133.7	1140.3	1145.5	1146.9	1152.8	1140.3	1129.3	1124.1	1115.3	1116.7
20°	1135.2	1134.4	1142.5	1152.1	1156.5	1161.7	1148.4	1138.1	1129.3	1119.7	1119.7
22.5°	1138.8	1138.1	1149.1	1163.1	1175.7	1184.5	1169.0	1152.1	1140.3	1127.8	1126.3
25°	1154.3	1152.8	1166.1	1183.0	1200.0	1208.8	1193.3	1176.4	1159.5	1145.5	1144.0
27.5°	1186.0	1185.2	1198.5	1219.1	1230.9	1237.5	1224.3	1209.6	1192.6	1176.4	1175.7
30°	1228.7	1228.7	1245.6	1267.0	1273.6	1278.8	1265.5	1255.2	1237.5	1219.9	1218.4
32.5°	1280.3	1283.2	1303.1	1326.7	1331.1	1334.0	1320.0	1313.4	1294.3	1275.1	1272.2
35°	1348.0	1348.8	1373.1	1396.7	1402.5	1405.5	1389.3	1383.4	1365.7	1345.1	1340.7
37.5°	1434.2	1432.0	1454.9	1481.4	1487.3	1490.9	1477.7	1473.3	1451.2	1430.5	1423.9
40°	1530.7	1532.2	1558.0	1583.0	1586.7	1588.2	1581.6	1574.9	1554.3	1530.7	1522.6
42.5°	1642.7	1642.7	1672.9	1702.4	1702.4	1695.0	1692.0	1690.6	1670.7	1644.2	1635.3
45°	1770.9	1772.3	1809.9	1832.0	1833.5	1813.6	1816.5	1825.4	1806.2	1772.3	1760.6
47.5°	1911.6	1913.8	1958.0	1982.3	1977.9	1952.1	1968.3	1972.7	1950.6	1907.1	1891.7
50°	2059.6	2066.3	2115.6	2158.3	2152.4	2114.9	2136.2	2137.7	2101.6	2051.5	2030.2
52.5°	2219.5	2234.9	2300.5	2346.2	2352.1	2304.9	2323.3	2321.9	2275.5	2207.0	2193.0
55°	2417.6	2426.5	2491.3	2556.1	2578.2	2520.0	2540.6	2530.3	2467.7	2389.6	2366.1
57.5°	2615.8	2629.0	2712.3	2785.2	2829.4	2780.1	2784.5	2758.0	2679.1	2584.8	2573.1
60°	2850.8	2856.7	2948.7	3043.8	3120.4	3090.9	3070.3	3015.0	2922.2	2827.9	2811.0
62.5°	3043.0	3054.8	3191.8	3331.8	3461.4	3466.6	3404.0	3321.5	3173.4	3015.8	2981.9
65°	3096.1	3115.2	3307.5	3583.7	3853.3	3973.4	3801.8	3549.8	3219.1	2981.2	2930.3
67.5°	2849.3	2886.1	3160.9	3619.8	4218.0	4578.2	4118.5	3441.6	2979.7	2702.0	2653.4
70°	2215.8	2232.0	2554.6	3184.5	4223.9	4962.7	3991.1	2988.5	2442.7	2144.3	2072.9
72.5°	1177.1	1185.2	1476.2	2144.3	3437.1	4287.2	3297.9	2091.3	1437.9	1166.8	1085.1
75°	380.1	390.4	508.3	878.1	1896.1	2881.0	1944.7	870.0	495.8	400.0	378.6
77.5°	193.7	193.0	214.4	282.9	637.9	1412.1	674.8	305.0	214.4	192.3	186.4
80°	120.8	118.6	134.8	154.7	223.2	412.5	242.4	170.9	135.5	116.4	115.7
82.5°	68.5	68.5	90.6	99.4	126.0	170.2	141.4	117.1	92.8	69.2	67.0
85°	38.3	33.9	56.7	62.6	72.2	84.0	86.2	75.9	62.6	38.3	39.8
87.5°	14.0	15.5	26.5	25.0	28.7	19.9	35.4	39.8	35.4	18.4	15.5
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)