

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: P672646

Luminaire Tested: **CCP-SA-1E-722-U-5NQ**

Issue Date: 04/16/2023



Test Information

Test Method: LM-79-08
Report Number: P672646
Test Lab: INNOVATION CENTER(G2)
Issue Date: 04/16/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: CCP-SA-1E-722-U-5NQ
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @1050mA w/ 5NQ distribution lens
Light Source: (16) 2200K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

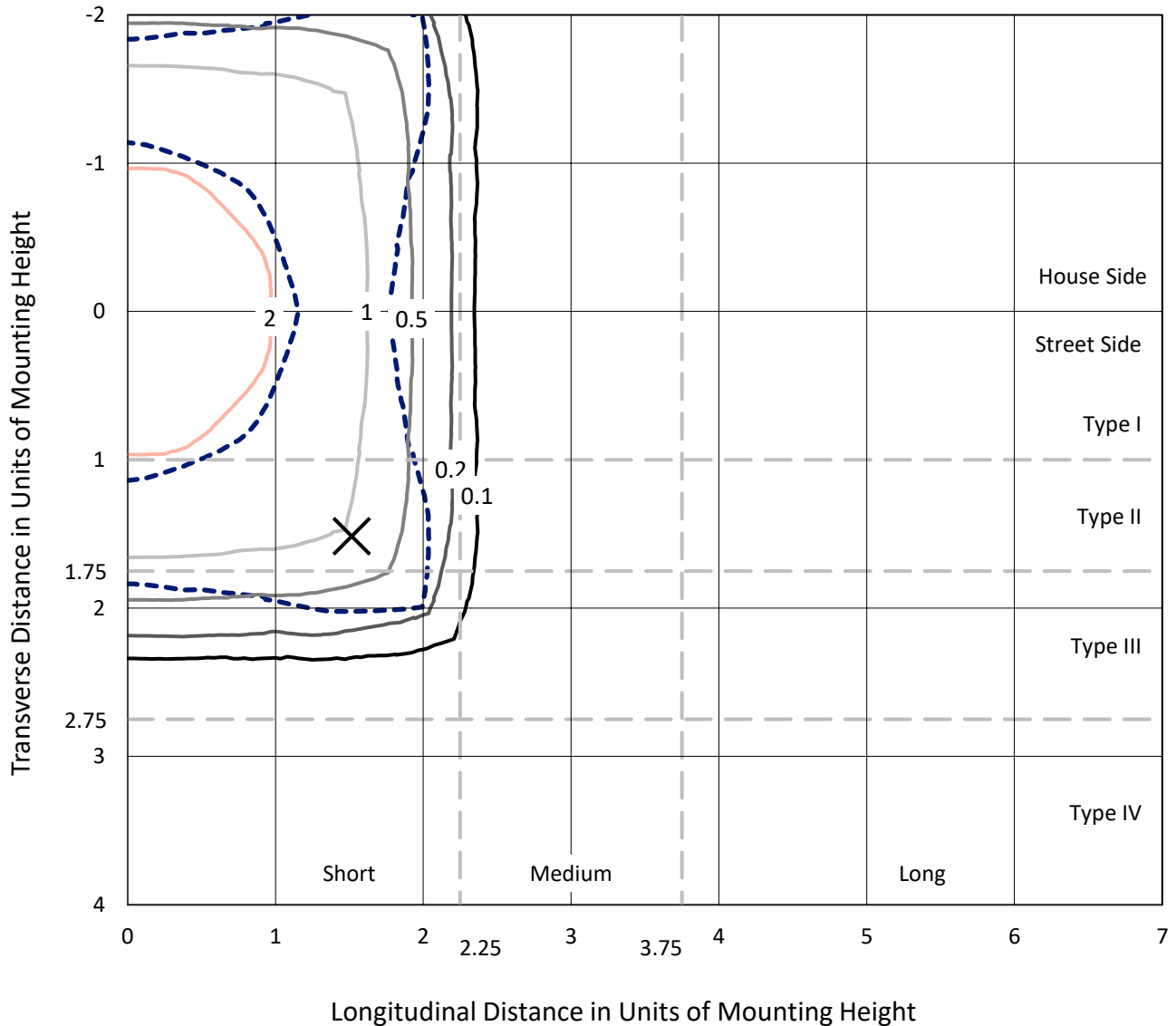
Lumens per Lamp: N/A
Luminaire Lumens: 5240.7 lumens
Efficiency: N/A
Efficacy: 93.4 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification: Type V - Short
BUG Rating: B2 - U0 - G1

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

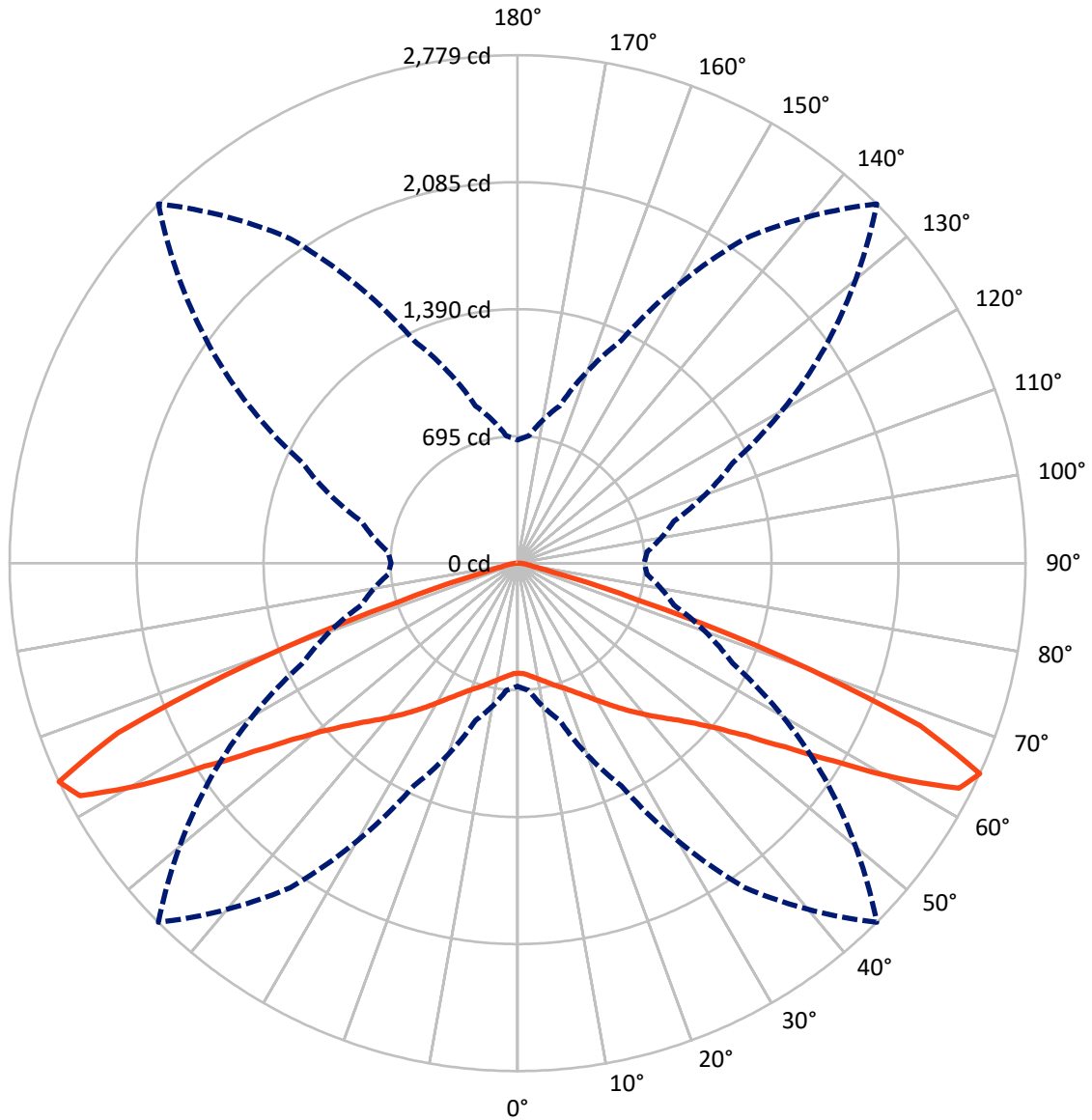
× Max cd
 - - - 1/2 Max cd



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

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Luminous Intensity Polar Plot



— Vertical Plane Through 45-Deg Lateral - - - Horizontal Cone Through 65-Deg Vertical

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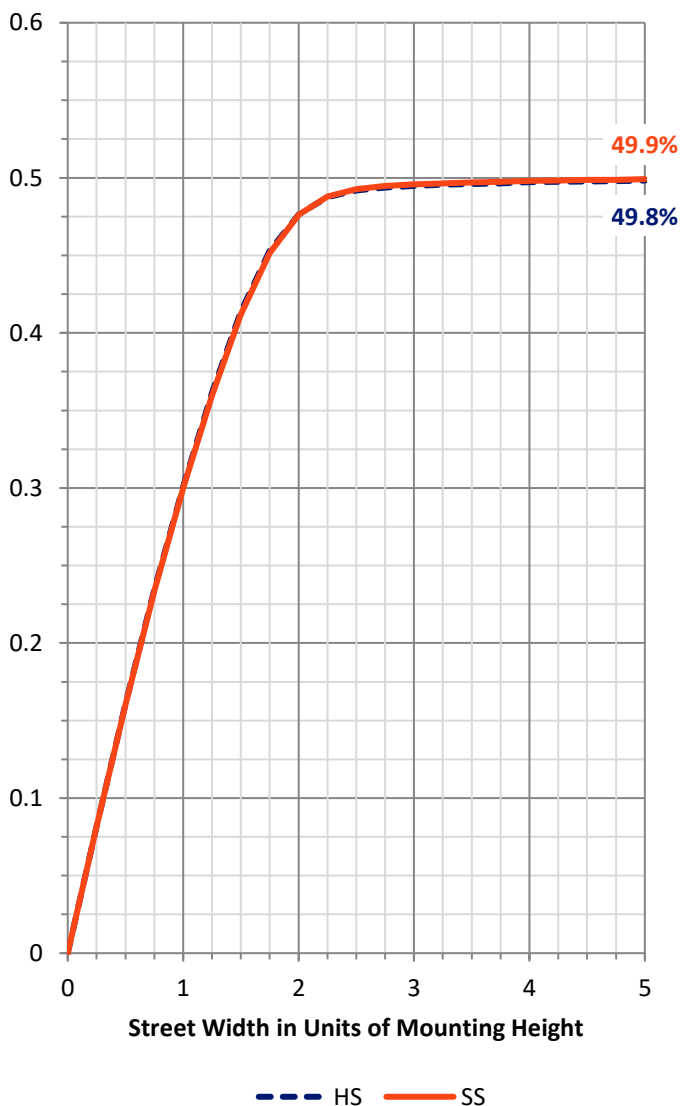
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2620.4	0.0	2620.4
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	2620.4	0.0	2620.4
	% Fixture	50.0	0.0	50.0
Total	Lumens	5240.7	0.0	5240.7
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	59.7	1.1
10°-20°	194.8	3.7
20°-30°	369.5	7.1
30°-40°	619.7	11.8
40°-50°	980.6	18.7
50°-60°	1540.6	29.4
60°-70°	1301.7	24.8
70°-80°	151.6	2.9
80°-90°	22.6	0.4
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°	5240.7	100.0
0°-180°	5240.7	100.0



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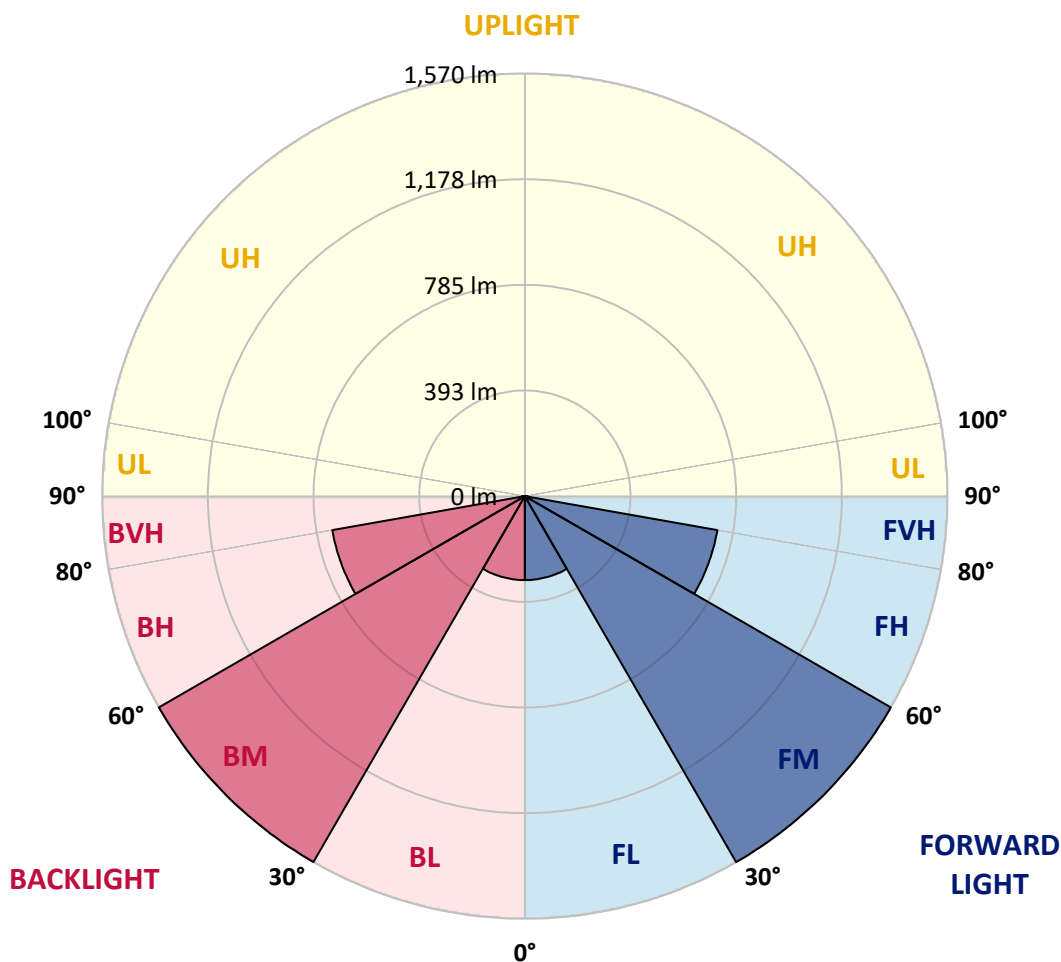
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	312.0	6.0			
FM (30°-60°)	1570.5	30.0			
FH (60°-80°)	726.6	13.9			G1/1800
FVH (80°-90°)	11.3	0.2			G1/100
BL (0°-30°)	312.0	6.0	B1/500		
BM (30°-60°)	1570.5	30.0	B2/2500		
BH (60°-80°)	726.6	13.9	B2/1000		G1/1800
BVH (80°-90°)	11.3	0.2			G1/100
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G1

Type V Short





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	602.6	602.6	602.6	602.6	602.6	602.6	602.6	602.6	602.6	602.6	602.6
2.5°	605.9	604.1	605.9	605.9	604.8	605.2	603.7	603.3	605.2	603.7	603.3
5°	618.4	617.0	618.4	617.3	615.5	615.9	613.6	612.9	615.1	612.9	613.3
7.5°	632.8	630.2	631.0	632.1	630.2	630.2	628.4	627.3	628.4	626.2	627.6
10°	644.9	642.7	643.8	645.3	644.9	646.1	644.2	643.5	642.4	639.8	642.0
12.5°	660.8	660.1	661.5	663.4	662.6	664.1	660.1	658.9	658.6	655.6	658.2
15°	681.4	679.6	682.2	684.4	683.3	685.8	682.5	681.0	679.2	675.5	677.7
17.5°	702.0	700.6	704.3	705.4	705.7	707.9	705.4	703.1	702.4	699.8	698.4
20°	726.7	724.9	727.8	730.0	728.2	730.8	729.7	728.2	727.5	723.4	723.0
22.5°	754.3	751.8	756.2	758.8	756.2	758.8	756.6	756.2	756.6	750.7	751.4
25°	785.3	785.7	790.1	791.9	790.4	791.9	788.6	790.8	789.7	783.4	781.2
27.5°	825.1	823.6	828.4	833.9	830.2	830.2	828.7	831.0	830.6	824.7	823.2
30°	871.5	871.1	878.1	881.4	876.3	874.1	873.7	879.2	879.6	873.3	870.7
32.5°	920.1	920.1	928.6	932.6	925.3	923.8	922.3	929.7	928.6	920.1	914.6
35°	973.5	971.3	982.7	988.6	981.2	976.8	976.1	982.7	981.2	969.5	962.8
37.5°	1026.2	1027.6	1040.9	1047.5	1038.7	1033.2	1035.0	1039.4	1039.8	1026.9	1019.9
40°	1090.6	1091.0	1107.6	1112.7	1101.3	1092.8	1095.4	1105.4	1104.6	1088.8	1080.0
42.5°	1162.8	1161.4	1182.0	1186.4	1170.9	1154.7	1162.5	1177.9	1181.6	1163.9	1154.7
45°	1240.2	1242.4	1263.7	1268.5	1244.2	1223.6	1240.2	1263.4	1268.2	1249.0	1237.6
47.5°	1334.1	1336.7	1362.5	1364.3	1336.7	1309.8	1331.9	1362.1	1363.9	1337.4	1324.2
50°	1441.3	1450.1	1478.9	1482.5	1455.3	1420.7	1452.3	1479.2	1472.2	1436.9	1424.7
52.5°	1562.8	1569.8	1614.8	1630.2	1606.3	1569.1	1594.5	1611.1	1588.6	1542.2	1523.4
55°	1666.3	1678.1	1737.8	1784.9	1803.0	1775.0	1772.0	1747.7	1685.1	1614.4	1594.9
57.5°	1695.4	1706.9	1799.3	1920.9	2028.0	2042.0	1977.2	1855.3	1720.5	1611.5	1591.6
60°	1577.2	1592.7	1727.8	1958.1	2265.6	2392.3	2158.1	1864.5	1628.8	1482.5	1457.5
62.5°	1238.7	1267.4	1442.0	1803.0	2361.4	2711.3	2232.5	1705.7	1352.1	1179.4	1146.3
65°	673.7	698.4	891.0	1343.7	2167.3	2779.4	2050.1	1298.7	884.4	710.9	692.8
67.5°	252.7	270.7	359.1	664.1	1532.3	2376.1	1556.2	743.7	401.5	288.0	262.6
70°	107.6	109.8	130.0	231.3	696.5	1545.9	796.7	252.7	134.1	108.3	105.3
72.5°	77.3	77.7	83.2	102.4	212.2	678.1	240.9	106.1	81.8	73.7	73.7
75°	61.9	62.2	65.6	74.0	100.2	199.6	103.9	74.4	63.4	57.8	57.1
77.5°	48.6	49.4	52.7	57.8	67.0	91.3	70.4	58.6	50.8	45.7	44.9
80°	36.1	37.2	41.6	44.2	47.1	60.8	51.2	45.7	40.5	35.0	33.9
82.5°	23.9	25.0	30.9	32.8	32.4	38.3	35.4	35.0	30.9	23.2	22.1
85°	14.4	15.1	19.9	21.4	19.9	18.8	22.5	24.3	21.7	15.1	14.0
87.5°	6.3	6.3	8.8	9.2	8.8	7.0	10.7	12.5	12.9	7.7	7.0
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)