

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: P672359

Luminaire Tested: **CCP-SA-1F-722-U-5WQ**

Issue Date: 04/16/2023

Test Information

Test Method: LM-79-08
Report Number: P672359
Test Lab: INNOVATION CENTER(G2)
Issue Date: 04/16/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: CCP-SA-1F-722-U-5WQ
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @1200mA w/ 5WQ
distribution lens
Light Source: (16) 2200K CCT, 70 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 5788.5 lumens
Efficiency: N/A
Efficacy: 86.4 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification: Type V - Short
BUG Rating: B3 - U0 - G1

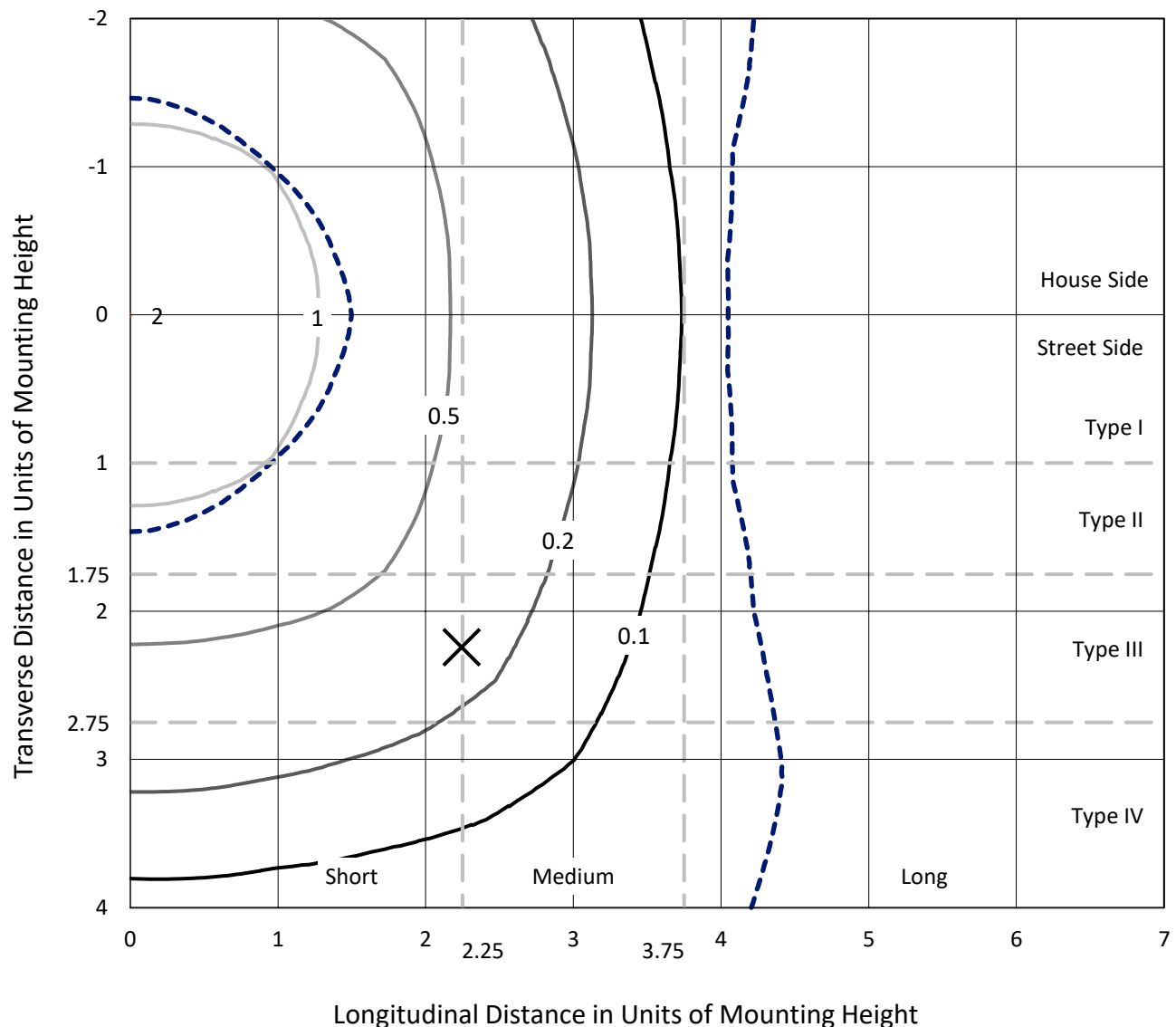
Input Watts (W): 67
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT

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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

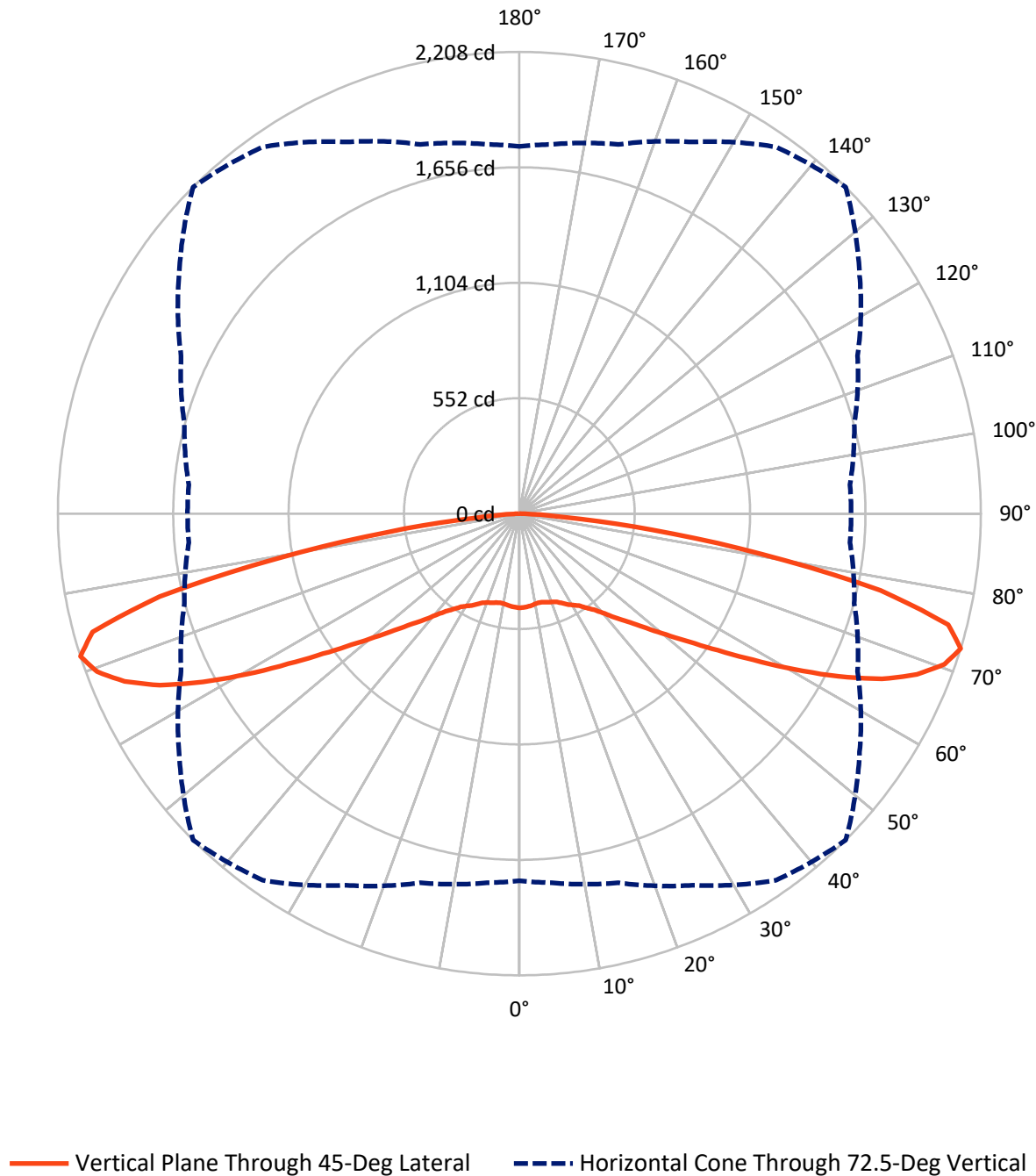


Based on 15 foot mounting height. Maximum calculated value = 2 fc

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	2894.2	0.0	2894.2
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	2894.2	0.0	2894.2
	% Fixture	50.0	0.0	50.0
Total	Lumens	5788.5	0.0	5788.5
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	42.3	0.7
10°-20°	125.7	2.2
20°-30°	220.8	3.8
30°-40°	352.4	6.1
40°-50°	589.2	10.2
50°-60°	1008.2	17.4
60°-70°	1664.4	28.8
70°-80°	1595.2	27.6
80°-90°	190.2	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°	5788.5	100.0
0°-180°	5788.5	100.0



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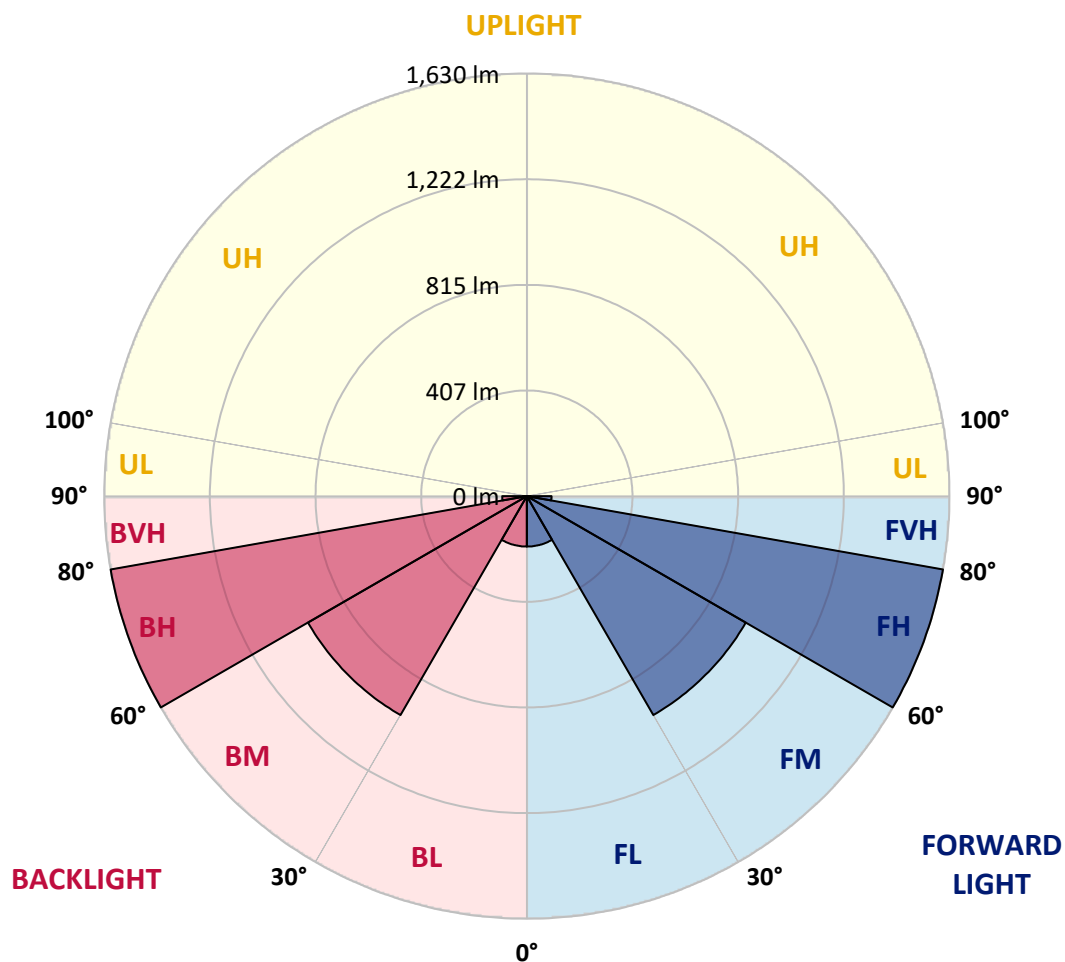
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	194.5	3.4			
FM	(30°-60°)	974.9	16.8			
FH	(60°-80°)	1629.8	28.2			G1/1800
FVH	(80°-90°)	95.1	1.6			G1/100
BL	(0°-30°)	194.5	3.4	B1/500		
BM	(30°-60°)	974.9	16.8	B1/1000		
BH	(60°-80°)	1629.8	28.2	B3/2500		G1/1800
BVH	(80°-90°)	95.1	1.6			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G1

Type V Short





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	450.8	450.8	450.8	450.8	450.8	450.8	450.8	450.8	450.8	450.8	450.8
2.5°	447.9	447.9	449.1	449.5	449.1	448.7	448.3	447.9	449.1	448.7	449.1
5°	446.7	446.7	447.1	447.5	446.7	446.3	445.5	445.1	445.9	445.9	446.7
7.5°	443.5	443.1	443.5	443.9	442.7	442.3	441.1	441.1	441.1	440.7	441.5
10°	440.7	439.9	439.9	439.0	437.0	437.4	435.8	437.0	439.0	439.4	439.9
12.5°	441.9	441.1	440.3	438.2	435.4	435.8	435.4	436.6	439.4	441.1	442.3
15°	447.5	446.7	444.7	441.1	439.4	439.4	438.6	439.0	443.1	445.5	446.7
17.5°	453.6	452.0	448.3	445.9	444.3	445.5	442.7	442.3	445.5	449.1	450.4
20°	458.4	457.2	452.8	449.9	449.9	451.2	448.3	446.7	450.4	454.8	456.0
22.5°	466.9	466.1	461.7	458.8	458.8	459.2	457.6	456.4	460.4	464.9	466.1
25°	479.0	479.0	474.6	473.4	473.0	473.8	471.8	470.5	474.2	477.4	478.6
27.5°	493.2	492.0	488.3	487.5	489.1	492.0	488.3	485.1	487.9	490.7	491.1
30°	508.1	508.1	504.9	504.9	506.1	507.3	504.1	500.8	503.7	506.9	507.3
32.5°	529.1	527.9	526.7	527.1	526.7	525.1	523.5	523.1	525.5	527.5	528.3
35°	555.0	554.6	552.9	553.8	553.8	553.8	548.9	547.3	551.3	552.9	552.1
37.5°	594.9	594.5	590.5	588.1	585.3	584.0	578.0	577.6	587.3	592.1	591.3
40°	643.8	642.2	638.6	634.5	630.9	628.5	622.4	626.9	637.0	640.6	640.6
42.5°	697.1	695.1	691.1	689.1	686.6	684.2	676.1	678.2	690.3	693.9	689.9
45°	762.6	759.7	755.3	750.9	747.2	742.4	738.3	740.4	753.3	757.7	754.5
47.5°	832.0	831.2	827.6	824.0	820.7	817.5	812.2	815.9	827.2	826.4	819.9
50°	905.6	907.2	907.6	911.2	908.8	909.2	899.5	897.5	906.4	901.1	893.0
52.5°	984.7	987.1	995.6	1002.9	1016.2	1017.8	1005.7	992.8	991.2	977.4	969.0
55°	1076.4	1076.0	1094.6	1114.8	1144.3	1153.5	1126.5	1102.3	1088.9	1062.3	1053.4
57.5°	1180.2	1179.0	1207.3	1242.8	1296.1	1319.1	1269.5	1223.4	1191.1	1159.2	1149.9
60°	1292.9	1295.7	1330.1	1387.8	1479.9	1511.8	1436.7	1360.3	1311.1	1269.5	1265.8
62.5°	1424.6	1425.0	1465.4	1543.7	1663.3	1714.6	1611.2	1507.8	1445.2	1399.5	1389.8
65°	1580.1	1582.9	1626.1	1705.3	1842.6	1906.0	1786.9	1660.9	1586.9	1525.1	1523.9
67.5°	1739.6	1738.0	1777.6	1861.6	1994.1	2052.6	1927.8	1787.3	1691.1	1614.0	1603.9
70°	1841.8	1850.7	1893.5	1973.9	2100.7	2157.7	2005.8	1836.1	1735.6	1664.9	1660.0
72.5°	1755.8	1772.3	1827.7	1961.0	2140.7	2208.1	1987.2	1785.7	1658.8	1587.7	1587.7
75°	1425.4	1452.8	1530.0	1735.2	2002.6	2119.3	1839.8	1562.7	1378.1	1302.2	1302.2
77.5°	868.4	894.6	998.9	1249.3	1617.2	1766.7	1499.7	1177.0	963.3	870.4	858.3
80°	288.8	305.8	407.9	634.9	992.8	1175.8	1004.9	668.5	431.4	328.8	327.2
82.5°	76.7	83.6	116.3	184.2	431.0	637.0	459.6	220.5	126.4	98.1	90.5
85°	26.7	28.7	49.3	61.4	109.5	210.8	128.0	80.0	61.4	37.2	34.7
87.5°	7.7	8.5	19.8	21.4	31.5	24.6	34.7	31.9	29.1	12.1	10.9
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)