

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: P672469

Luminaire Tested: **CCP-SA-1F-840-U-5WQ**

Issue Date: 04/16/2023

Test Information

Test Method: LM-79-08
Report Number: P672469
Test Lab: INNOVATION CENTER(G2)
Issue Date: 04/16/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: CCP-SA-1F-840-U-5WQ
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @1200mA w/ 5WQ
distribution lens
Light Source: (16) 4000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 6700 lumens
Efficiency: N/A
Efficacy: 100.0 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification: Type V - Short
BUG Rating: B3 - U0 - G2

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

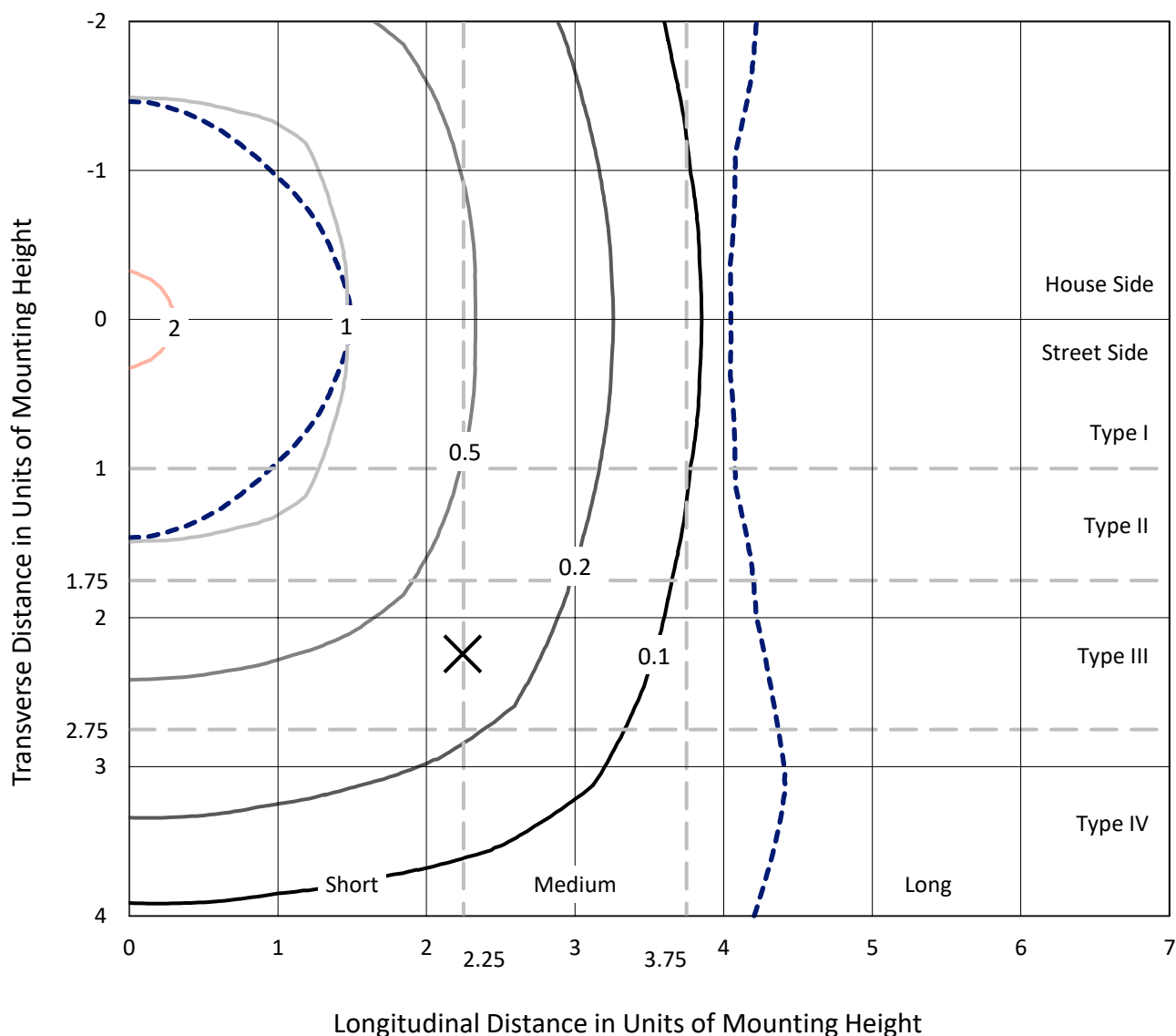
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Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

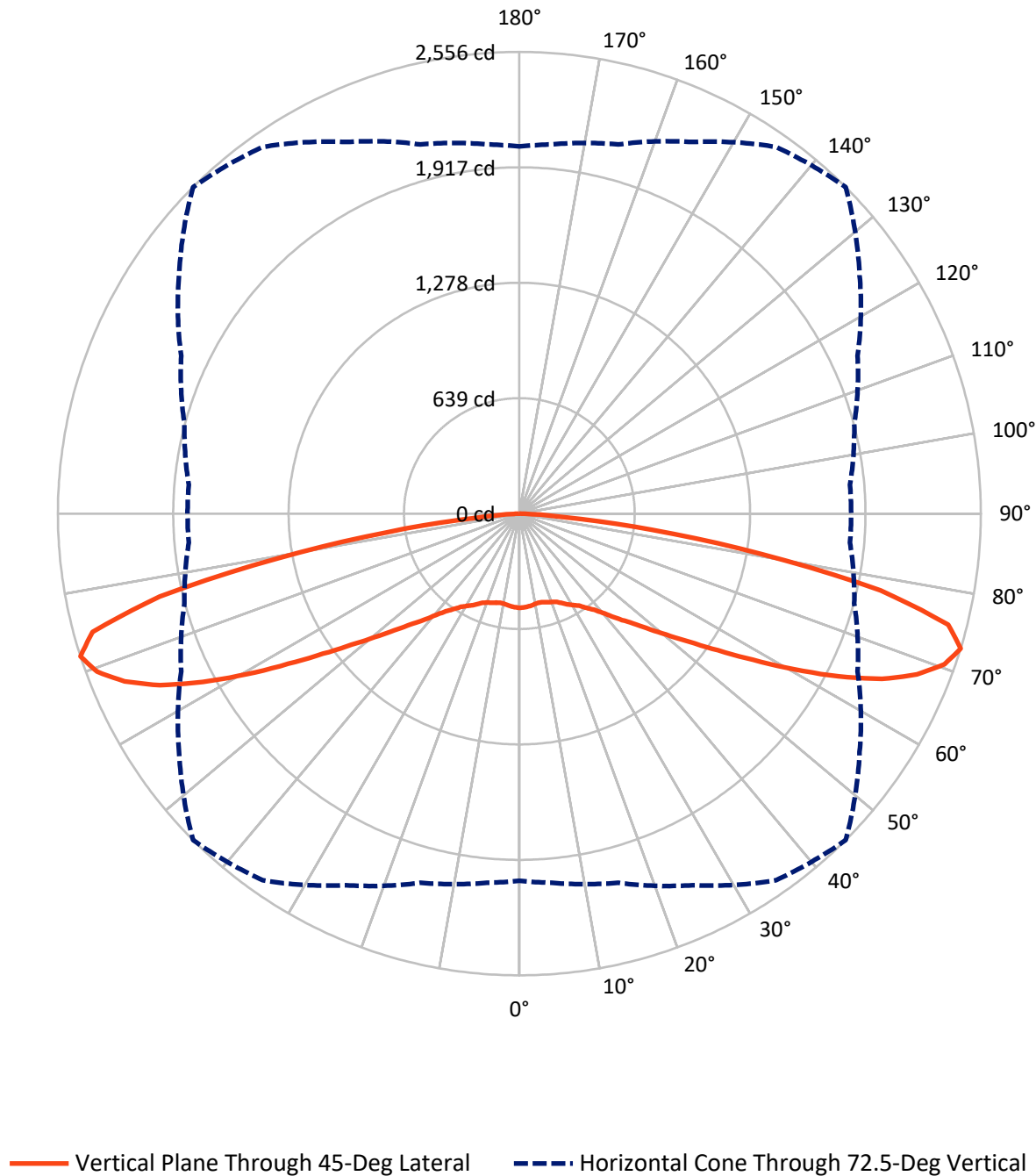


Based on 15 foot mounting height. Maximum calculated value = 2.3 fc

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	3350.0	0.0	3350.0
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	3350.0	0.0	3350.0
	% Fixture	50.0	0.0	50.0
Total	Lumens	6700.0	0.0	6700.0
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	49.0	0.7
10°-20°	145.5	2.2
20°-30°	255.6	3.8
30°-40°	407.8	6.1
40°-50°	681.9	10.2
50°-60°	1167.0	17.4
60°-70°	1926.5	28.8
70°-80°	1846.4	27.6
80°-90°	220.2	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°	6700.0	100.0
0°-180°	6700.0	100.0



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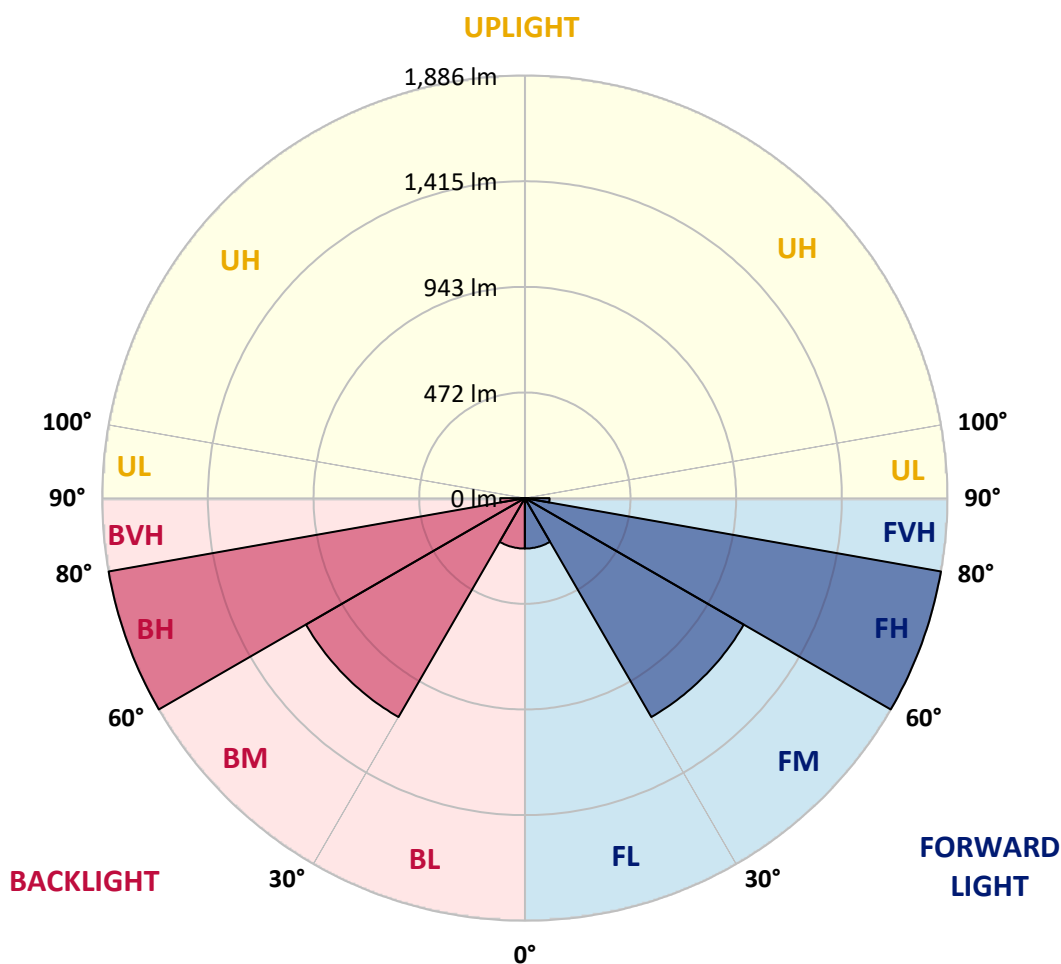
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	225.1	3.4			
FM	(30°-60°)	1128.4	16.8			
FH	(60°-80°)	1886.5	28.2			G2/5000
FVH	(80°-90°)	110.1	1.6			G2/225
BL	(0°-30°)	225.1	3.4	B1/500		
BM	(30°-60°)	1128.4	16.8	B2/2500		
BH	(60°-80°)	1886.5	28.2	B3/2500		G2/5000
BVH	(80°-90°)	110.1	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°	521.7	521.7	521.7	521.7	521.7	521.7	521.7	521.7	521.7	521.7	521.7
2.5°	518.5	518.5	519.9	520.3	519.9	519.4	518.9	518.5	519.9	519.4	519.9
5°	517.1	517.1	517.5	518.0	517.1	516.6	515.7	515.2	516.1	516.1	517.1
7.5°	513.3	512.9	513.3	513.8	512.4	511.9	510.5	510.5	510.5	510.1	511.0
10°	510.1	509.1	509.1	508.2	505.8	506.3	504.4	505.8	508.2	508.7	509.1
12.5°	511.5	510.5	509.6	507.2	504.0	504.4	504.0	505.4	508.7	510.5	511.9
15°	518.0	517.1	514.7	510.5	508.7	508.7	507.7	508.2	512.9	515.7	517.1
17.5°	525.0	523.1	518.9	516.1	514.3	515.7	512.4	511.9	515.7	519.9	521.3
20°	530.6	529.2	524.1	520.8	520.8	522.2	518.9	517.1	521.3	526.4	527.8
22.5°	540.4	539.5	534.4	531.1	531.1	531.6	529.7	528.3	533.0	538.1	539.5
25°	554.5	554.5	549.3	547.9	547.5	548.4	546.1	544.6	548.9	552.6	554.0
27.5°	570.8	569.4	565.2	564.3	566.2	569.4	565.2	561.5	564.8	568.0	568.5
30°	588.1	588.1	584.4	584.4	585.8	587.2	583.5	579.7	583.0	586.7	587.2
32.5°	612.4	611.0	609.6	610.1	609.6	607.8	605.9	605.4	608.2	610.6	611.5
35°	642.4	641.9	640.0	641.0	641.0	641.0	635.3	633.5	638.2	640.0	639.1
37.5°	688.6	688.2	683.5	680.7	677.4	676.0	669.0	668.5	679.8	685.4	684.4
40°	745.2	743.3	739.1	734.5	730.3	727.4	720.4	725.6	737.3	741.5	741.5
42.5°	806.9	804.6	799.9	797.6	794.8	792.0	782.6	784.9	799.0	803.2	798.5
45°	882.7	879.4	874.2	869.1	864.9	859.3	854.6	856.9	871.9	877.0	873.3
47.5°	963.1	962.1	957.9	953.7	950.0	946.2	940.2	944.4	957.5	956.5	949.0
50°	1048.2	1050.0	1050.5	1054.7	1051.9	1052.4	1041.1	1038.8	1049.1	1043.0	1033.7
52.5°	1139.8	1142.6	1152.4	1160.8	1176.3	1178.1	1164.1	1149.1	1147.3	1131.4	1121.6
55°	1245.9	1245.4	1267.0	1290.3	1324.5	1335.2	1303.9	1275.8	1260.4	1229.6	1219.3
57.5°	1366.1	1364.7	1397.4	1438.5	1500.2	1526.9	1469.4	1416.1	1378.7	1341.8	1331.0
60°	1496.5	1499.8	1539.5	1606.4	1713.0	1749.9	1662.9	1574.6	1517.5	1469.4	1465.2
62.5°	1648.9	1649.4	1696.1	1786.8	1925.2	1984.6	1864.9	1745.2	1672.8	1619.9	1608.7
65°	1828.9	1832.2	1882.2	1973.8	2132.8	2206.2	2068.3	1922.4	1836.8	1765.3	1763.9
67.5°	2013.6	2011.7	2057.5	2154.8	2308.1	2375.9	2231.4	2068.7	1957.5	1868.2	1856.5
70°	2131.8	2142.1	2191.7	2284.7	2431.5	2497.4	2321.7	2125.3	2008.9	1927.1	1921.5
72.5°	2032.3	2051.4	2115.5	2269.8	2477.8	2555.9	2300.2	2066.9	1920.1	1837.8	1837.8
75°	1649.8	1681.6	1770.9	2008.4	2317.9	2453.0	2129.5	1808.8	1595.1	1507.3	1507.3
77.5°	1005.1	1035.5	1156.2	1446.0	1871.9	2044.9	1735.9	1362.3	1115.0	1007.5	993.5
80°	334.3	353.9	472.2	734.9	1149.1	1360.9	1163.2	773.7	499.3	380.6	378.7
82.5°	88.8	96.8	134.6	213.2	498.8	737.3	532.0	255.3	146.3	113.6	104.7
85°	30.9	33.2	57.0	71.1	126.7	244.0	148.2	92.6	71.1	43.0	40.2
87.5°	8.9	9.8	22.9	24.8	36.5	28.5	40.2	36.9	33.7	14.0	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)