

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: P672392

Luminaire Tested: **CCP-SA-1F-735-U-5WQ**

Issue Date: 04/16/2023

Test Information

Test Method: LM-79-08
Report Number: P672392
Test Lab: INNOVATION CENTER(G2)
Issue Date: 04/16/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: CCP-SA-1F-735-U-5WQ
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @1200mA w/ 5WQ
distribution lens
Light Source: (16) 3500K CCT, 70 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 7750.7 lumens
Efficiency: N/A
Efficacy: 115.7 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification: Type V - Short
BUG Rating: B3 - U0 - G2

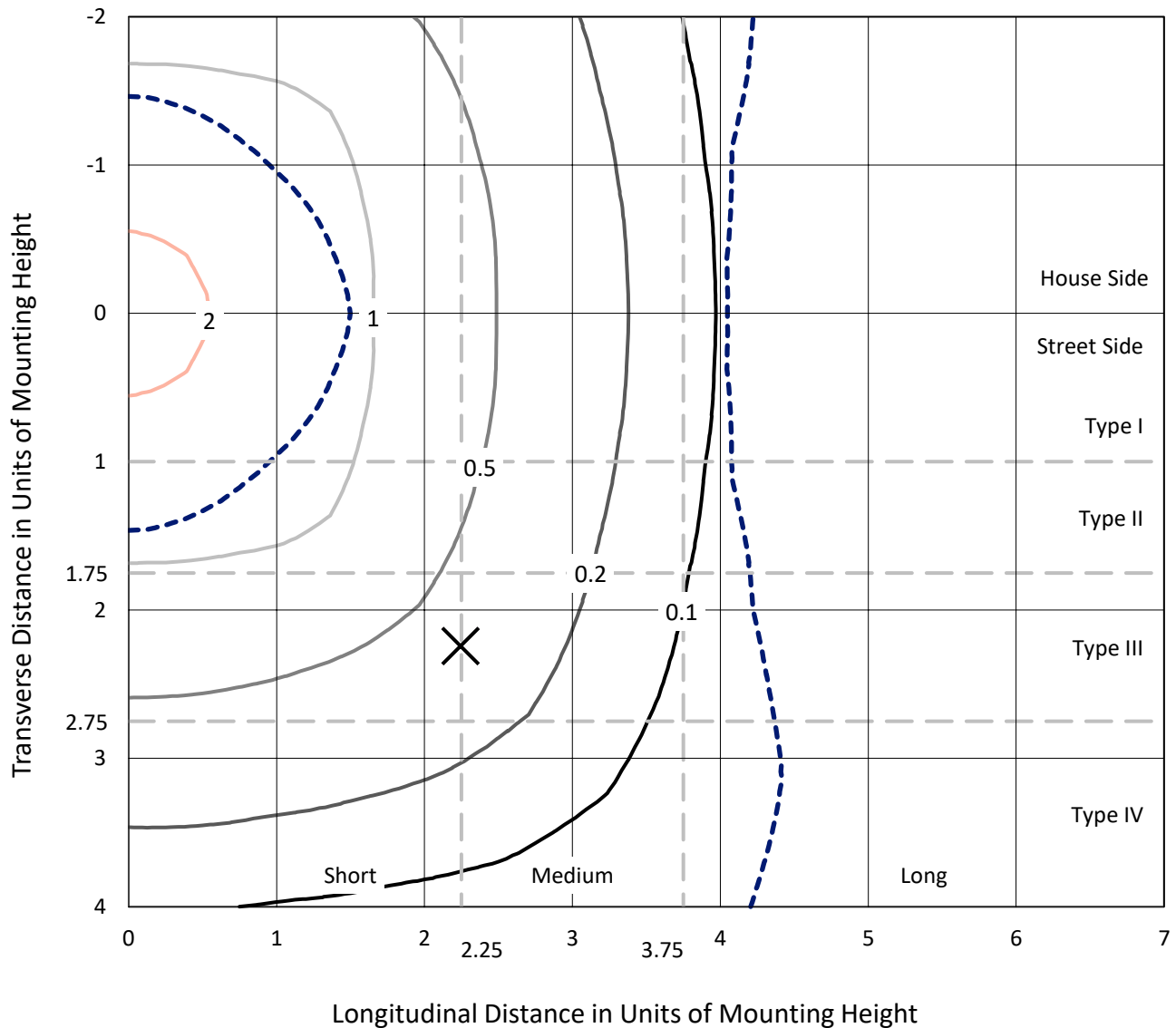
Input Watts (W): 67
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT

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Iso-Footcandle Lines of Horizontal Illumination

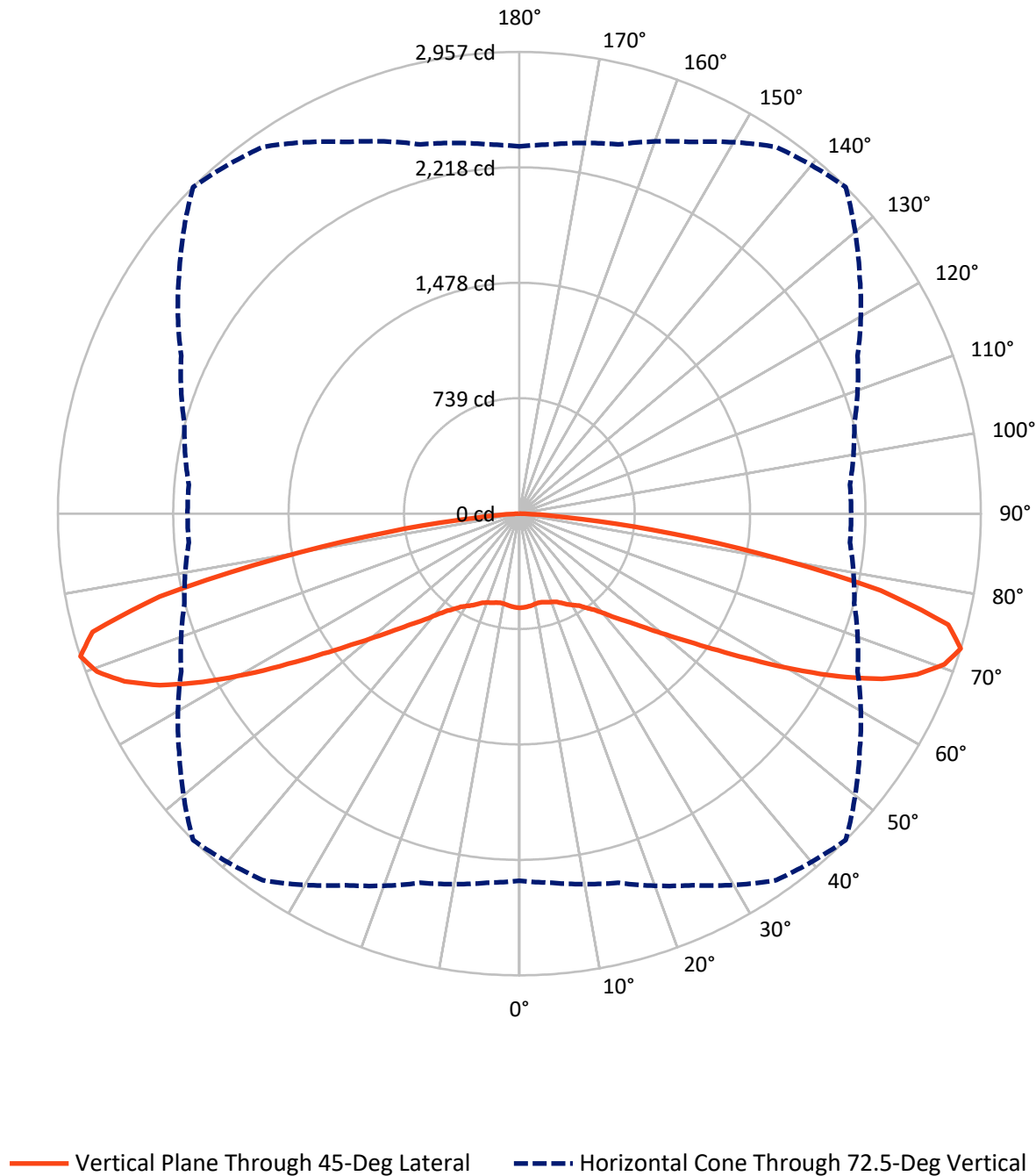
× Max cd
 - - - 1/2 Max cd



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

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Luminous Intensity Polar Plot



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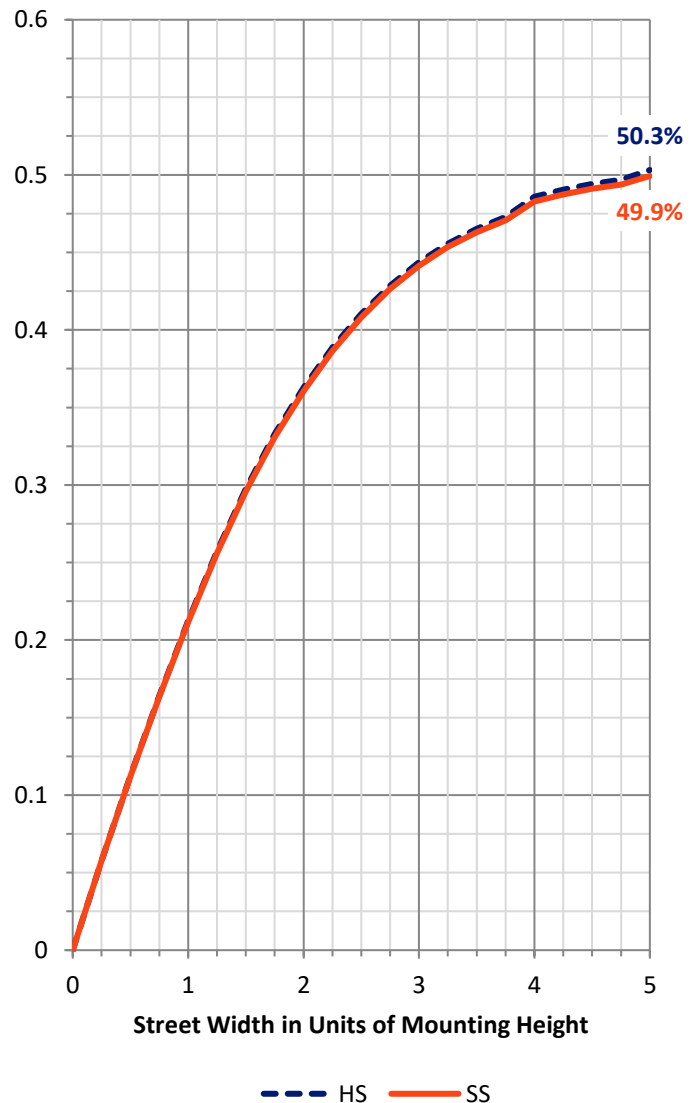
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3875.4	0.0	3875.4
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	3875.4	0.0	3875.4
	% Fixture	50.0	0.0	50.0
Total	Lumens	7750.7	0.0	7750.7
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	56.7	0.7
10°-20°	168.4	2.2
20°-30°	295.7	3.8
30°-40°	471.8	6.1
40°-50°	788.9	10.2
50°-60°	1350.0	17.4
60°-70°	2228.6	28.8
70°-80°	2136.0	27.6
80°-90°	254.7	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°	7750.7	100.0
0°-180°	7750.7	100.0



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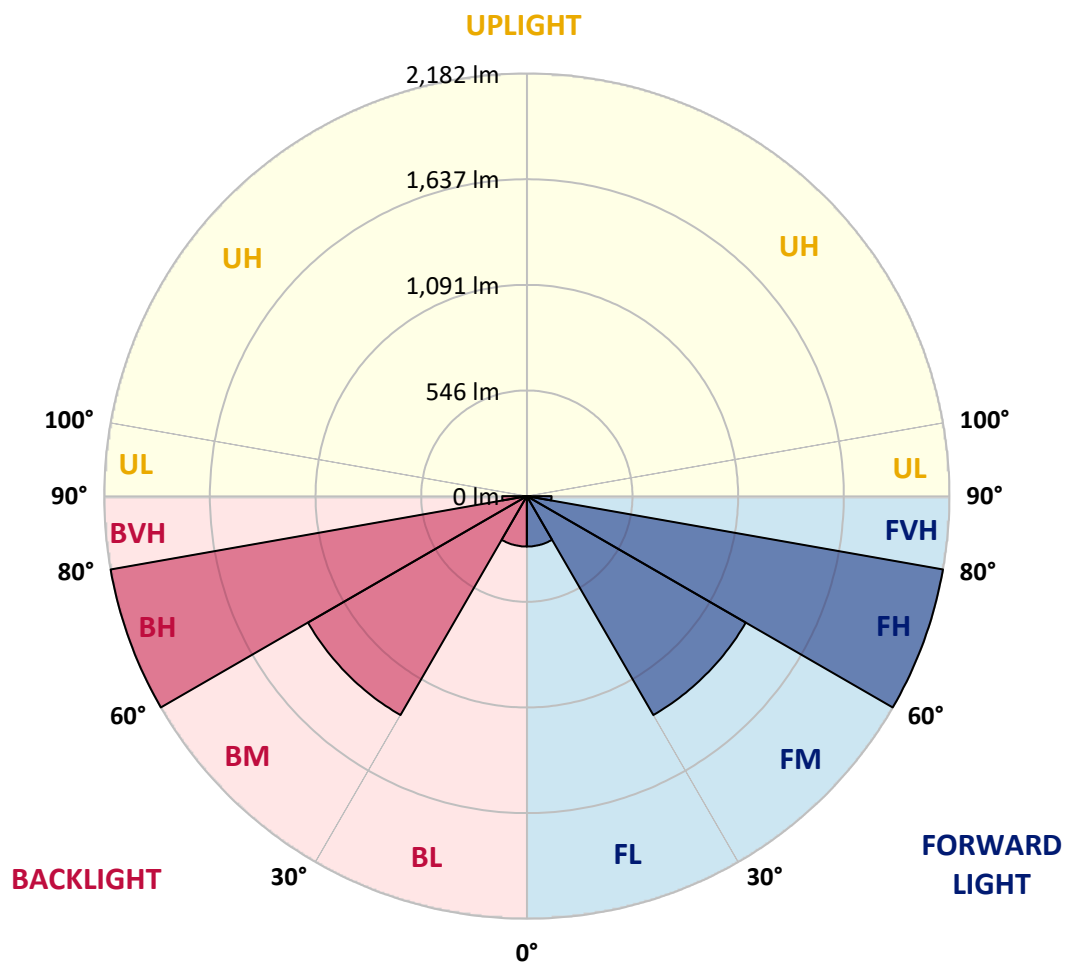
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	260.4	3.4			
FM	(30°-60°)	1305.3	16.8			
FH	(60°-80°)	2182.3	28.2			G2/5000
FVH	(80°-90°)	127.4	1.6			G2/225
BL	(0°-30°)	260.4	3.4	B1/500		
BM	(30°-60°)	1305.3	16.8	B2/2500		
BH	(60°-80°)	2182.3	28.2	B3/2500		G2/5000
BVH	(80°-90°)	127.4	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°	603.6	603.6	603.6	603.6	603.6	603.6	603.6	603.6	603.6	603.6	603.6
2.5°	599.8	599.8	601.4	601.9	601.4	600.9	600.3	599.8	601.4	600.9	601.4
5°	598.1	598.1	598.7	599.2	598.1	597.6	596.5	596.0	597.1	597.1	598.1
7.5°	593.8	593.3	593.8	594.4	592.7	592.2	590.6	590.6	590.6	590.0	591.1
10°	590.0	589.0	589.0	587.9	585.2	585.7	583.5	585.2	587.9	588.4	589.0
12.5°	591.7	590.6	589.5	586.8	583.0	583.5	583.0	584.6	588.4	590.6	592.2
15°	599.2	598.1	595.4	590.6	588.4	588.4	587.3	587.9	593.3	596.5	598.1
17.5°	607.3	605.2	600.3	597.1	594.9	596.5	592.7	592.2	596.5	601.4	603.0
20°	613.8	612.2	606.3	602.5	602.5	604.1	600.3	598.1	603.0	609.0	610.6
22.5°	625.2	624.1	618.2	614.4	614.4	614.9	612.8	611.1	616.5	622.5	624.1
25°	641.4	641.4	635.5	633.8	633.3	634.4	631.7	630.1	634.9	639.3	640.9
27.5°	660.3	658.7	653.9	652.8	654.9	658.7	653.9	649.5	653.3	657.1	657.6
30°	680.4	680.4	676.0	676.0	677.7	679.3	674.9	670.6	674.4	678.7	679.3
32.5°	708.5	706.9	705.2	705.8	705.2	703.1	700.9	700.4	703.6	706.3	707.4
35°	743.1	742.5	740.4	741.5	741.5	741.5	735.0	732.8	738.2	740.4	739.3
37.5°	796.6	796.1	790.7	787.4	783.7	782.0	773.9	773.4	786.4	792.8	791.8
40°	862.1	859.9	855.0	849.6	844.8	841.5	833.4	839.4	852.9	857.7	857.7
42.5°	933.5	930.8	925.3	922.6	919.4	916.2	905.3	908.0	924.3	929.1	923.7
45°	1021.1	1017.3	1011.3	1005.4	1000.5	994.0	988.6	991.3	1008.6	1014.6	1010.3
47.5°	1114.1	1113.0	1108.1	1103.3	1099.0	1094.6	1087.6	1092.5	1107.6	1106.5	1097.9
50°	1212.5	1214.7	1215.2	1220.1	1216.9	1217.4	1204.4	1201.7	1213.6	1206.6	1195.8
52.5°	1318.5	1321.8	1333.1	1342.9	1360.7	1362.9	1346.6	1329.3	1327.2	1308.8	1297.4
55°	1441.3	1440.8	1465.6	1492.7	1532.2	1544.6	1508.4	1475.9	1458.1	1422.4	1410.5
57.5°	1580.3	1578.7	1616.5	1664.1	1735.5	1766.3	1699.8	1638.2	1594.9	1552.2	1539.7
60°	1731.2	1735.0	1780.9	1858.3	1981.6	2024.3	1923.7	1821.5	1755.5	1699.8	1694.9
62.5°	1907.5	1908.0	1962.1	2067.0	2227.1	2295.8	2157.3	2018.9	1935.1	1874.0	1861.0
65°	2115.7	2119.5	2177.4	2283.4	2467.2	2552.1	2392.6	2223.9	2124.9	2042.1	2040.5
67.5°	2329.3	2327.2	2380.2	2492.7	2670.0	2748.5	2581.3	2393.1	2264.4	2161.1	2147.6
70°	2466.2	2478.0	2535.4	2643.0	2812.8	2889.1	2685.7	2458.6	2323.9	2229.3	2222.8
72.5°	2351.0	2373.1	2447.2	2625.7	2866.4	2956.7	2660.8	2391.0	2221.2	2126.0	2126.0
75°	1908.6	1945.3	2048.6	2323.4	2681.4	2837.7	2463.4	2092.4	1845.3	1743.6	1743.6
77.5°	1162.8	1197.9	1337.5	1672.8	2165.5	2365.6	2008.1	1576.0	1289.9	1165.5	1149.2
80°	386.7	409.4	546.2	850.2	1329.3	1574.3	1345.6	895.1	577.6	440.2	438.1
82.5°	102.8	112.0	155.8	246.6	577.1	852.9	615.5	295.3	169.3	131.4	121.1
85°	35.7	38.4	66.0	82.2	146.6	282.3	171.4	107.1	82.2	49.8	46.5
87.5°	10.3	11.4	26.5	28.7	42.2	33.0	46.5	42.7	38.9	16.2	14.6
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)