

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: P672391

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

Issue Date: 04/16/2023

Test Information

Test Method: LM-79-08
Report Number: P672391
Test Lab: INNOVATION CENTER(G2)
Issue Date: 04/16/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: CCP-SA-1E-735-U-5WQ
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @1050mA w/ 5WQ
distribution lens
Light Source: (16) 3500K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 7067.8 lumens
Efficiency: N/A
Efficacy: 126.0 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification: Type V - Short
BUG Rating: B3 - U0 - G2

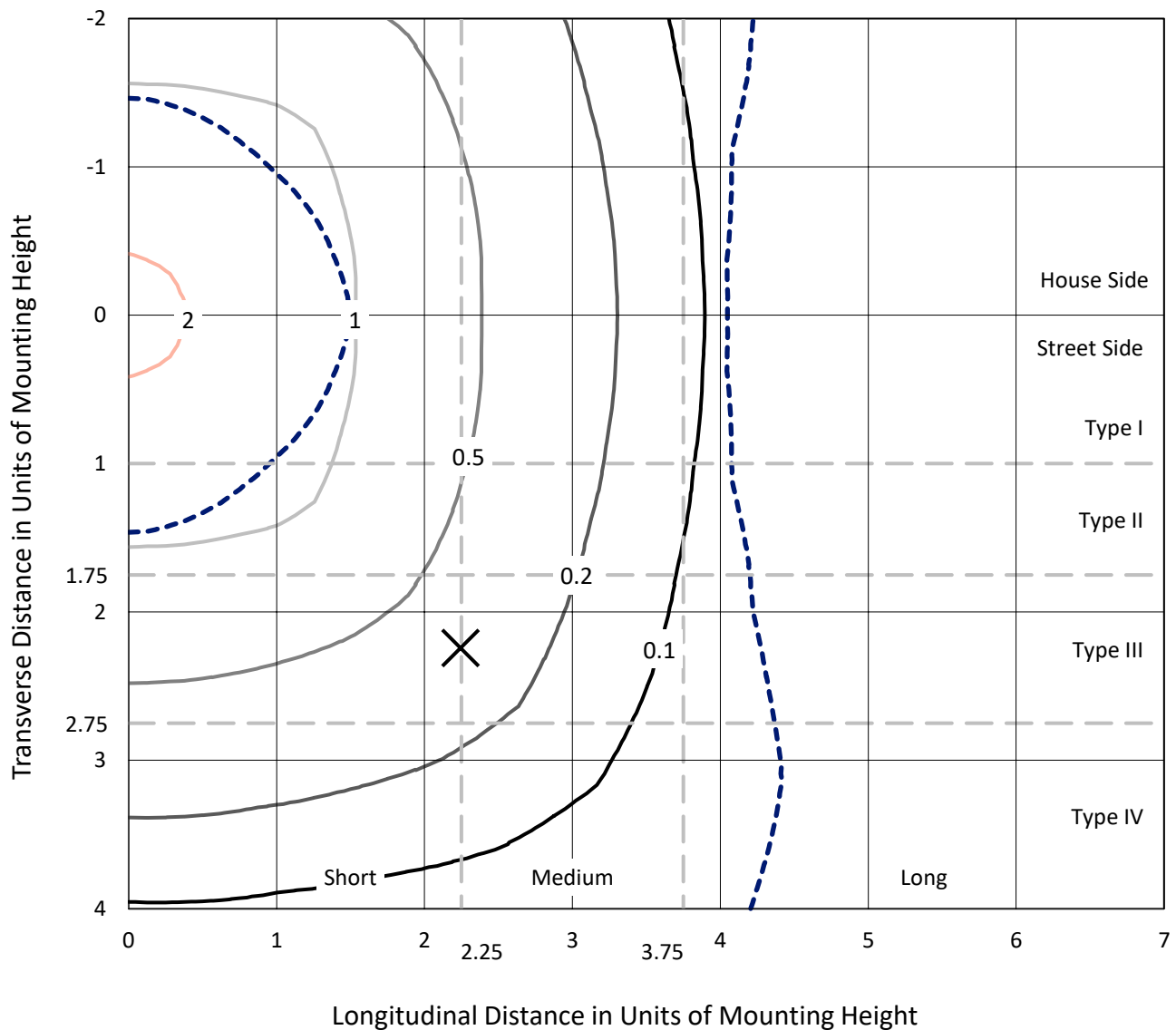
Input Watts (W): 56.1
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT

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Iso-Footcandle Lines of Horizontal Illumination

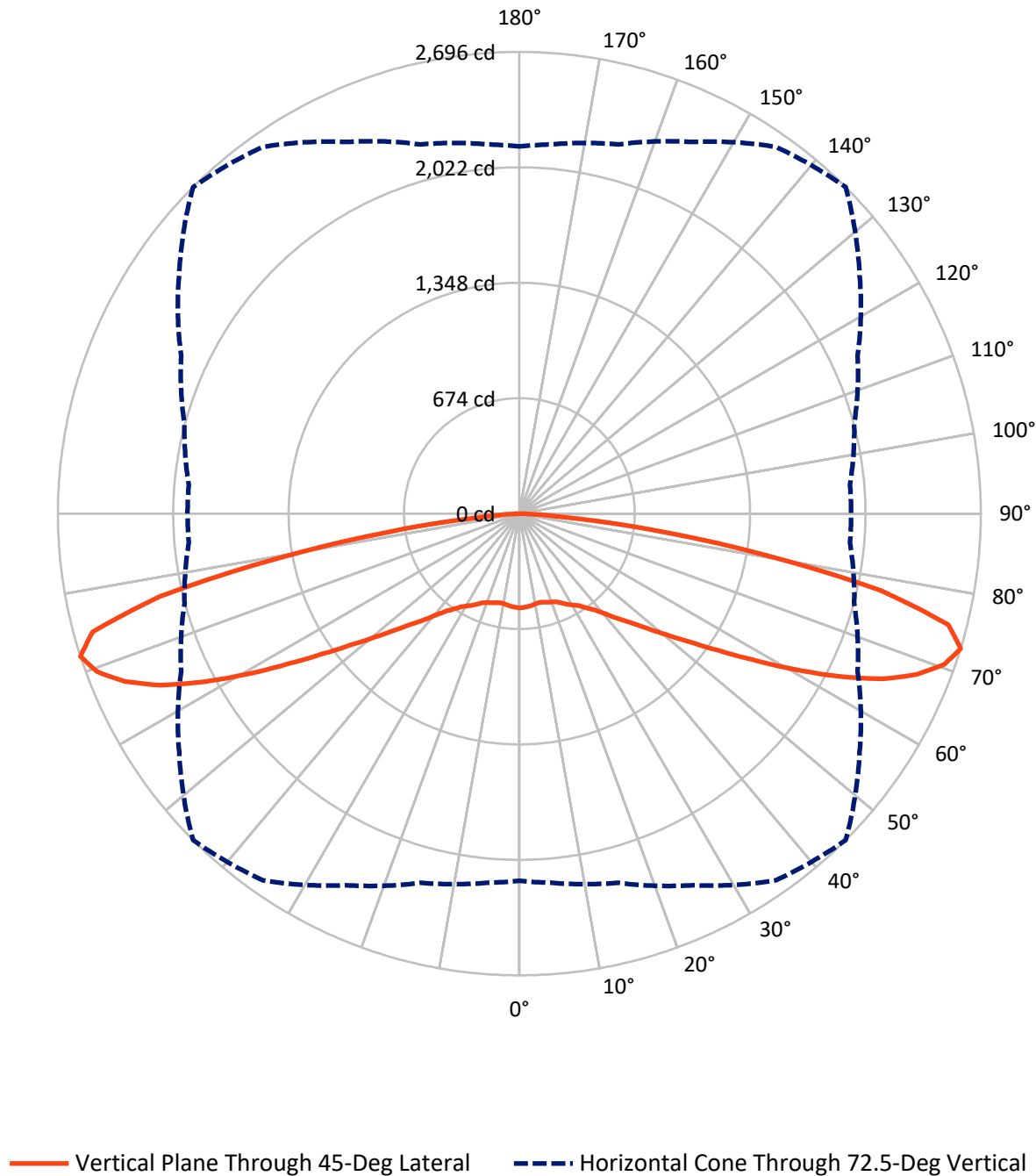
× Max cd
 --- 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 2.4 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	3533.9	0.0	3533.9
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	3533.9	0.0	3533.9
	% Fixture	50.0	0.0	50.0
Total	Lumens	7067.8	0.0	7067.8
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	51.7	0.7
10°-20°	153.5	2.2
20°-30°	269.6	3.8
30°-40°	430.2	6.1
40°-50°	719.4	10.2
50°-60°	1231.0	17.4
60°-70°	2032.2	28.8
70°-80°	1947.8	27.6
80°-90°	232.3	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°	7067.8	100.0
0°-180°	7067.8	100.0



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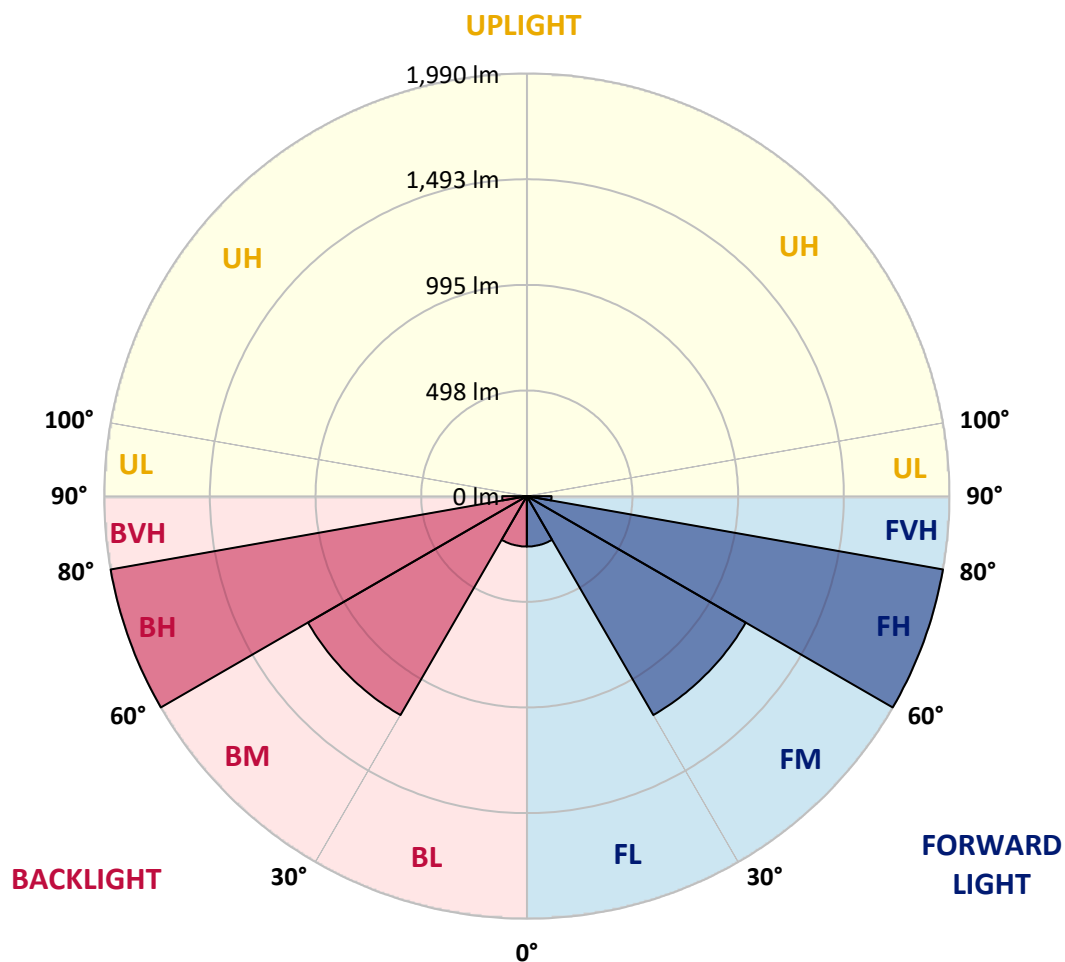
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	237.4	3.4			
FM	(30°-60°)	1190.3	16.8			
FH	(60°-80°)	1990.0	28.2			G2/5000
FVH	(80°-90°)	116.1	1.6			G2/225
BL	(0°-30°)	237.4	3.4	B1/500		
BM	(30°-60°)	1190.3	16.8	B2/2500		
BH	(60°-80°)	1990.0	28.2	B3/2500		G2/5000
BVH	(80°-90°)	116.1	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°	550.4	550.4	550.4	550.4	550.4	550.4	550.4	550.4	550.4	550.4	550.4
2.5°	546.9	546.9	548.4	548.9	548.4	547.9	547.4	546.9	548.4	547.9	548.4
5°	545.4	545.4	545.9	546.4	545.4	545.0	544.0	543.5	544.5	544.5	545.4
7.5°	541.5	541.0	541.5	542.0	540.5	540.0	538.5	538.5	538.5	538.0	539.0
10°	538.0	537.1	537.1	536.1	533.6	534.1	532.1	533.6	536.1	536.6	537.1
12.5°	539.5	538.5	537.6	535.1	531.6	532.1	531.6	533.1	536.6	538.5	540.0
15°	546.4	545.4	543.0	538.5	536.6	536.6	535.6	536.1	541.0	544.0	545.4
17.5°	553.8	551.9	547.4	544.5	542.5	544.0	540.5	540.0	544.0	548.4	549.9
20°	559.7	558.3	552.8	549.4	549.4	550.9	547.4	545.4	549.9	555.3	556.8
22.5°	570.1	569.1	563.7	560.2	560.2	560.7	558.8	557.3	562.2	567.6	569.1
25°	584.9	584.9	579.5	578.0	577.5	578.5	576.0	574.5	579.0	582.9	584.4
27.5°	602.2	600.7	596.2	595.3	597.2	600.7	596.2	592.3	595.7	599.2	599.7
30°	620.4	620.4	616.5	616.5	617.9	619.4	615.5	611.5	615.0	618.9	619.4
32.5°	646.1	644.6	643.1	643.6	643.1	641.1	639.1	638.7	641.6	644.1	645.1
35°	677.6	677.1	675.1	676.1	676.1	676.1	670.2	668.2	673.2	675.1	674.2
37.5°	726.4	725.9	721.0	718.1	714.6	713.1	705.7	705.2	717.1	723.0	722.0
40°	786.1	784.1	779.7	774.8	770.3	767.4	760.0	765.4	777.7	782.2	782.2
42.5°	851.2	848.7	843.8	841.3	838.4	835.4	825.6	828.0	842.8	847.3	842.3
45°	931.1	927.7	922.2	916.8	912.4	906.4	901.5	904.0	919.8	925.2	921.2
47.5°	1015.9	1014.9	1010.5	1006.1	1002.1	998.2	991.8	996.2	1010.0	1009.0	1001.1
50°	1105.7	1107.7	1108.2	1112.6	1109.6	1110.1	1098.3	1095.8	1106.7	1100.3	1090.4
52.5°	1202.3	1205.3	1215.7	1224.5	1240.8	1242.8	1228.0	1212.2	1210.2	1193.5	1183.1
55°	1314.3	1313.8	1336.5	1361.1	1397.1	1408.5	1375.4	1345.9	1329.6	1297.0	1286.2
57.5°	1441.0	1439.6	1474.1	1517.5	1582.6	1610.7	1550.0	1493.8	1454.4	1415.4	1404.1
60°	1578.6	1582.1	1624.0	1694.5	1807.0	1845.9	1754.2	1661.0	1600.8	1550.0	1545.6
62.5°	1739.4	1739.9	1789.2	1884.9	2030.9	2093.5	1967.3	1841.0	1764.6	1708.8	1697.0
65°	1929.3	1932.7	1985.5	2082.2	2249.8	2327.3	2181.8	2027.9	1937.7	1862.2	1860.7
67.5°	2124.1	2122.1	2170.4	2273.0	2434.8	2506.3	2353.9	2182.3	2064.9	1970.7	1958.4
70°	2248.8	2259.7	2312.0	2410.1	2565.0	2634.5	2449.1	2241.9	2119.1	2032.8	2026.9
72.5°	2143.8	2164.0	2231.6	2394.3	2613.8	2696.2	2426.4	2180.3	2025.4	1938.6	1938.6
75°	1740.4	1773.9	1868.1	2118.7	2445.1	2587.7	2246.4	1908.1	1682.7	1590.0	1590.0
77.5°	1060.3	1092.4	1219.6	1525.4	1974.6	2157.1	1831.1	1437.1	1176.2	1062.8	1048.0
80°	352.6	373.3	498.1	775.3	1212.2	1435.6	1227.0	816.2	526.7	401.4	399.5
82.5°	93.7	102.1	142.0	224.9	526.2	777.7	561.2	269.3	154.4	119.8	110.5
85°	32.5	35.0	60.2	75.0	133.6	257.4	156.3	97.6	75.0	45.4	42.4
87.5°	9.4	10.4	24.2	26.1	38.5	30.1	42.4	39.0	35.5	14.8	13.3
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)