

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: P672394

Luminaire Tested: **CCP-SA-2B-735-U-5WQ**

Issue Date: 04/16/2023

Test Information

Test Method: LM-79-08
Report Number: P672394
Test Lab: INNOVATION CENTER(G2)
Issue Date: 04/16/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: CCP-SA-2B-735-U-5WQ
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @450mA w/ 5WQ
distribution lens
Light Source: (32) 3500K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 7139.3 lumens
Efficiency: N/A
Efficacy: 155.2 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type V - Short
BUG Rating: B3 - U0 - G2

Input Watts (W): 46
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

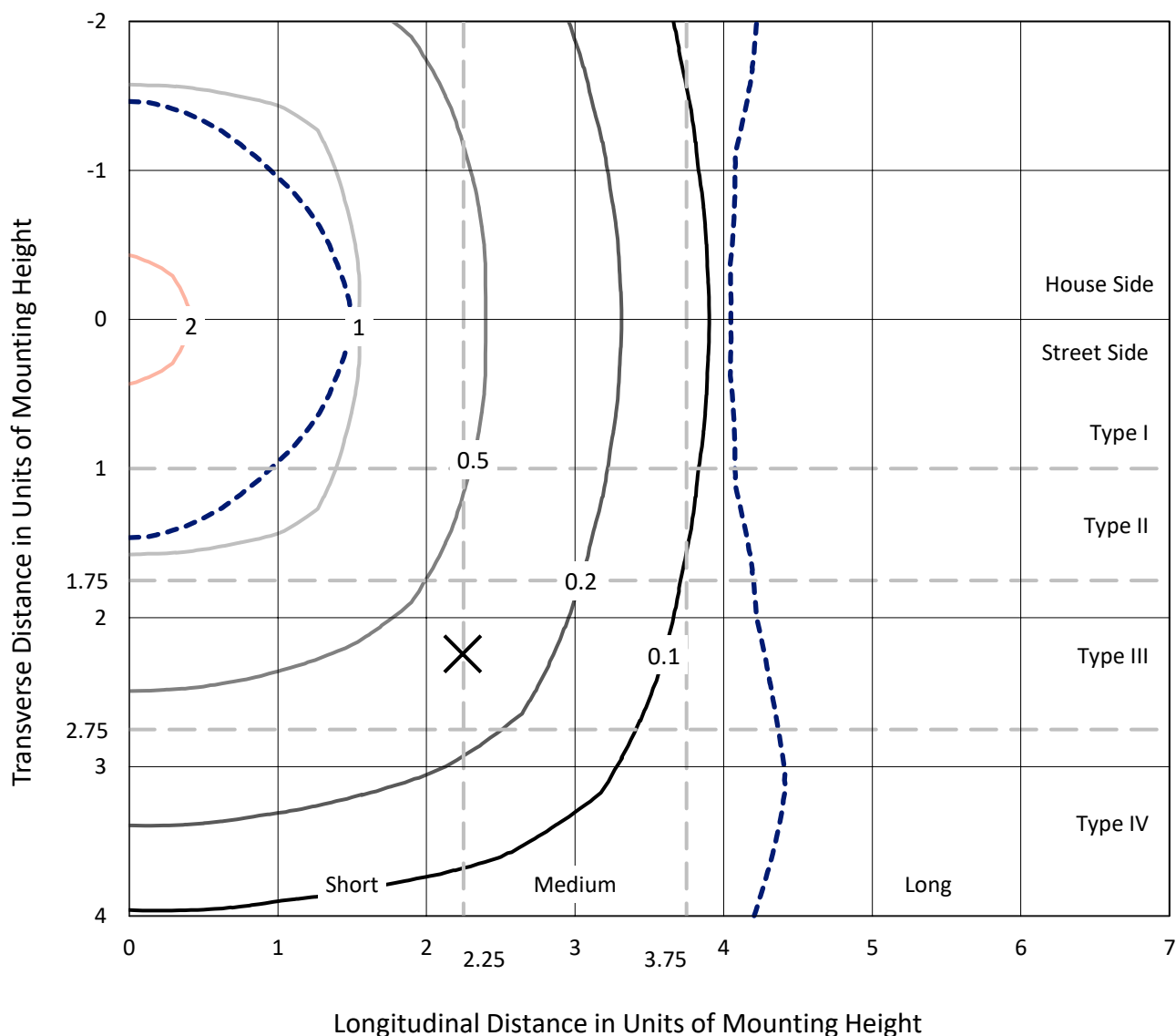
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Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd



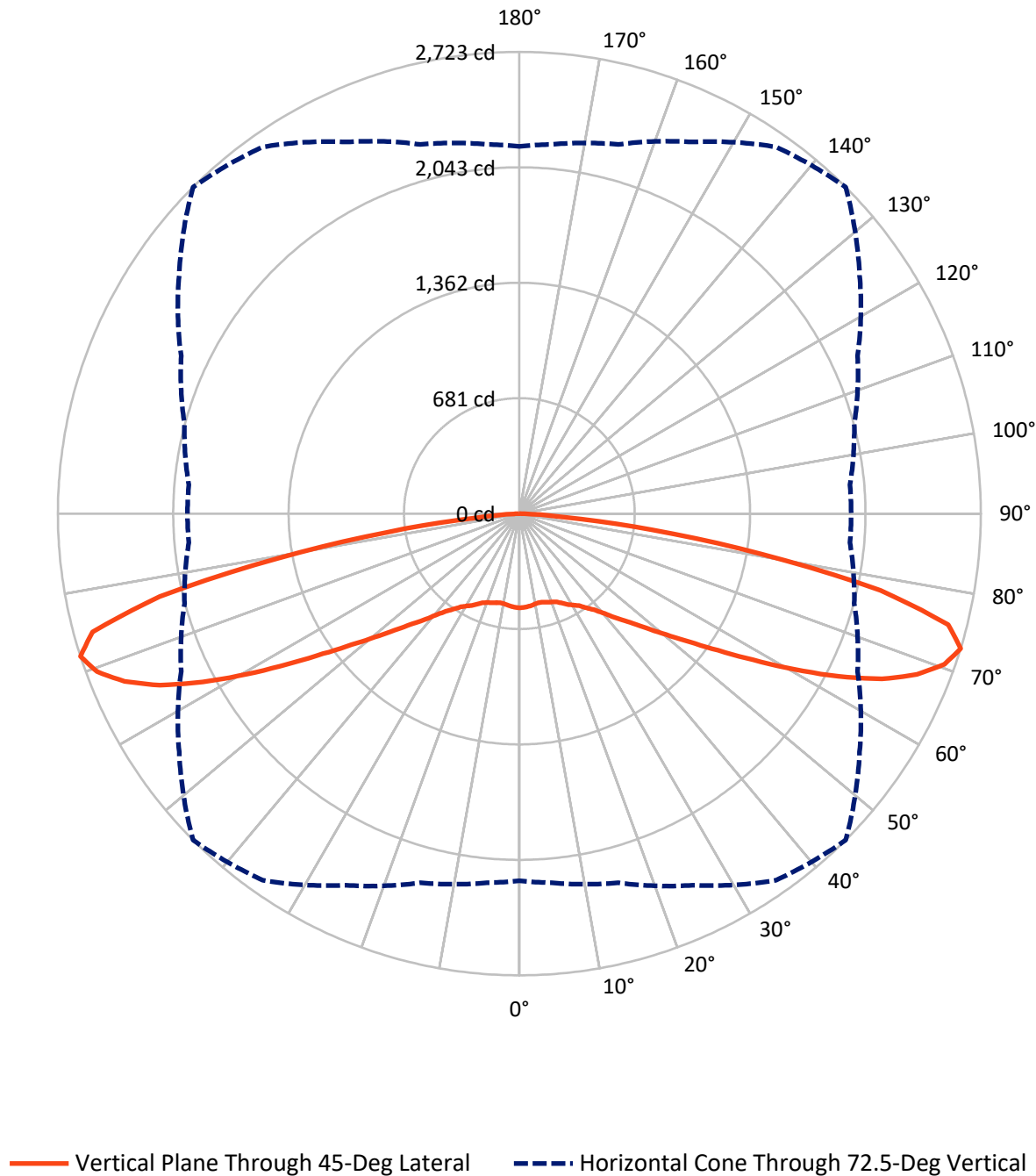
Based on 15 foot mounting height. Maximum calculated value = 2.5 fc

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	3569.6	0.0	3569.6
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	3569.6	0.0	3569.6
	% Fixture	50.0	0.0	50.0
Total	Lumens	7139.3	0.0	7139.3
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	52.2	0.7
10°-20°	155.1	2.2
20°-30°	272.4	3.8
30°-40°	434.6	6.1
40°-50°	726.7	10.2
50°-60°	1243.5	17.4
60°-70°	2052.8	28.8
70°-80°	1967.5	27.6
80°-90°	234.6	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°	7139.3	100.0
0°-180°	7139.3	100.0



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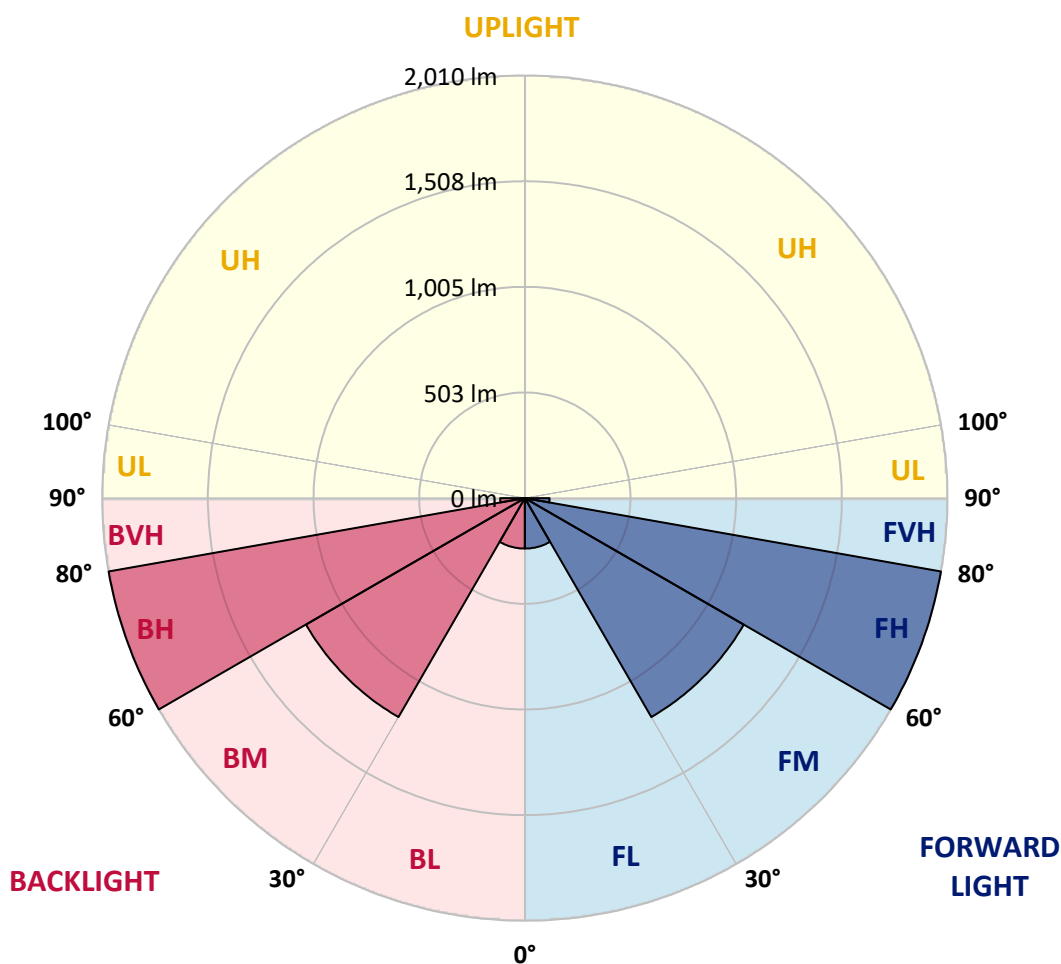
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	239.8	3.4			
FM	(30°-60°)	1202.3	16.8			
FH	(60°-80°)	2010.1	28.2			G2/5000
FVH	(80°-90°)	117.3	1.6			G2/225
BL	(0°-30°)	239.8	3.4	B1/500		
BM	(30°-60°)	1202.3	16.8	B2/2500		
BH	(60°-80°)	2010.1	28.2	B3/2500		G2/5000
BVH	(80°-90°)	117.3	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°	555.9	555.9	555.9	555.9	555.9	555.9	555.9	555.9	555.9	555.9	555.9
2.5°	552.5	552.5	554.0	554.5	554.0	553.5	553.0	552.5	554.0	553.5	554.0
5°	551.0	551.0	551.5	552.0	551.0	550.5	549.5	549.0	550.0	550.0	551.0
7.5°	547.0	546.5	547.0	547.5	546.0	545.5	544.0	544.0	544.0	543.5	544.5
10°	543.5	542.5	542.5	541.5	539.0	539.5	537.5	539.0	541.5	542.0	542.5
12.5°	545.0	544.0	543.0	540.5	537.0	537.5	537.0	538.5	542.0	544.0	545.5
15°	552.0	551.0	548.5	544.0	542.0	542.0	541.0	541.5	546.5	549.5	551.0
17.5°	559.4	557.4	553.0	550.0	548.0	549.5	546.0	545.5	549.5	554.0	555.4
20°	565.4	563.9	558.4	554.9	554.9	556.4	553.0	551.0	555.4	560.9	562.4
22.5°	575.9	574.9	569.4	565.9	565.9	566.4	564.4	562.9	567.9	573.4	574.9
25°	590.8	590.8	585.3	583.8	583.3	584.3	581.8	580.4	584.8	588.8	590.3
27.5°	608.3	606.8	602.3	601.3	603.3	606.8	602.3	598.3	601.8	605.3	605.8
30°	626.7	626.7	622.7	622.7	624.2	625.7	621.7	617.7	621.2	625.2	625.7
32.5°	652.6	651.1	649.6	650.1	649.6	647.6	645.6	645.1	648.1	650.6	651.6
35°	684.5	684.0	682.0	683.0	683.0	683.0	677.0	675.0	680.0	682.0	681.0
37.5°	733.8	733.3	728.3	725.3	721.8	720.3	712.9	712.4	724.3	730.3	729.3
40°	794.1	792.1	787.6	782.6	778.1	775.1	767.7	773.1	785.6	790.1	790.1
42.5°	859.8	857.3	852.3	849.9	846.9	843.9	833.9	836.4	851.4	855.8	850.9
45°	940.5	937.0	931.6	926.1	921.6	915.6	910.6	913.1	929.1	934.5	930.6
47.5°	1026.2	1025.2	1020.7	1016.2	1012.3	1008.3	1001.8	1006.3	1020.2	1019.2	1011.3
50°	1116.9	1118.9	1119.4	1123.8	1120.9	1121.4	1109.4	1106.9	1117.9	1111.4	1101.4
52.5°	1214.5	1217.5	1228.0	1236.9	1253.4	1255.4	1240.4	1224.5	1222.5	1205.5	1195.1
55°	1327.6	1327.1	1350.0	1374.9	1411.3	1422.7	1389.4	1359.5	1343.0	1310.2	1299.2
57.5°	1455.6	1454.1	1489.0	1532.8	1598.6	1627.0	1565.7	1508.9	1469.1	1429.7	1418.3
60°	1594.6	1598.1	1640.4	1711.7	1825.3	1864.6	1771.9	1677.8	1617.0	1565.7	1561.2
62.5°	1757.0	1757.5	1807.3	1904.0	2051.4	2114.7	1987.2	1859.6	1782.4	1726.1	1714.2
65°	1948.8	1952.3	2005.6	2103.2	2272.6	2350.8	2203.9	2048.4	1957.3	1881.0	1879.6
67.5°	2145.6	2143.6	2192.4	2296.0	2459.4	2531.6	2377.7	2204.4	2085.8	1990.6	1978.2
70°	2271.6	2282.6	2335.4	2434.5	2590.9	2661.2	2473.9	2264.6	2140.6	2053.4	2047.4
72.5°	2165.5	2185.9	2254.2	2418.6	2640.2	2723.4	2450.9	2202.4	2045.9	1958.3	1958.3
75°	1758.0	1791.9	1887.0	2140.1	2469.9	2613.8	2269.1	1927.4	1699.7	1606.1	1606.1
77.5°	1071.0	1103.4	1231.9	1540.8	1994.6	2178.9	1849.7	1451.6	1188.1	1073.5	1058.6
80°	356.2	377.1	503.1	783.1	1224.5	1450.1	1239.4	824.5	532.0	405.5	403.5
82.5°	94.7	103.1	143.5	227.2	531.5	785.6	566.9	272.0	155.9	121.1	111.6
85°	32.9	35.4	60.8	75.7	135.0	260.0	157.9	98.6	75.7	45.8	42.8
87.5°	9.5	10.5	24.4	26.4	38.9	30.4	42.8	39.4	35.9	14.9	13.5
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)