

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: P672538

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

Issue Date: 04/16/2023



Test Information

Test Method: LM-79-08
Report Number: P672538
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-5MQ
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @450mA w/ 5MQ
distribution lens
Light Source: (32) 3500K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

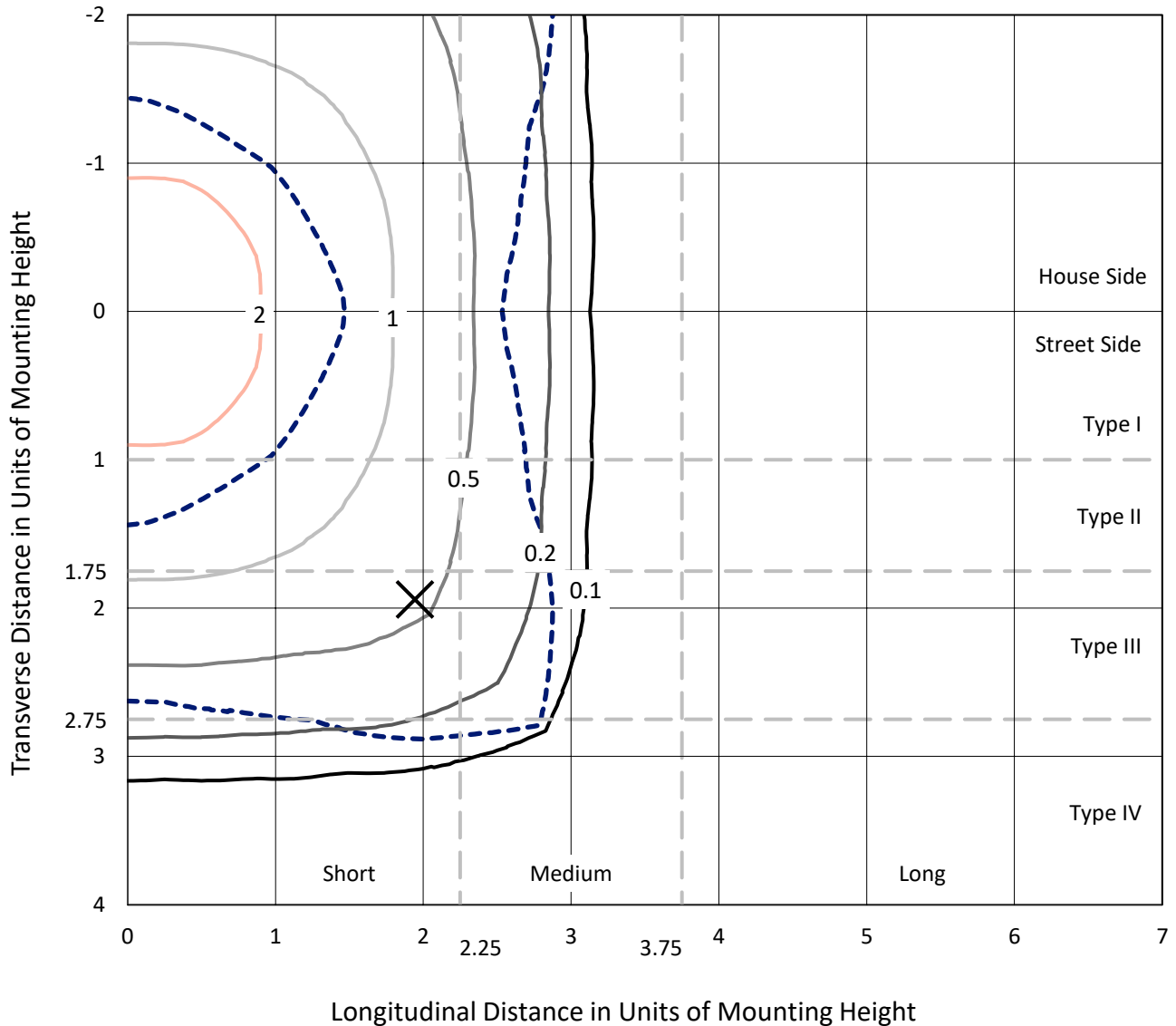
Lumens per Lamp: N/A
Luminaire Lumens: 7031.2 lumens
Efficiency: N/A
Efficacy: 152.9 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type V - Short
BUG Rating: B3 - U0 - G1

Input Watts (W): 46
Input Voltage (V): 120
Input Current (A_{in}): 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

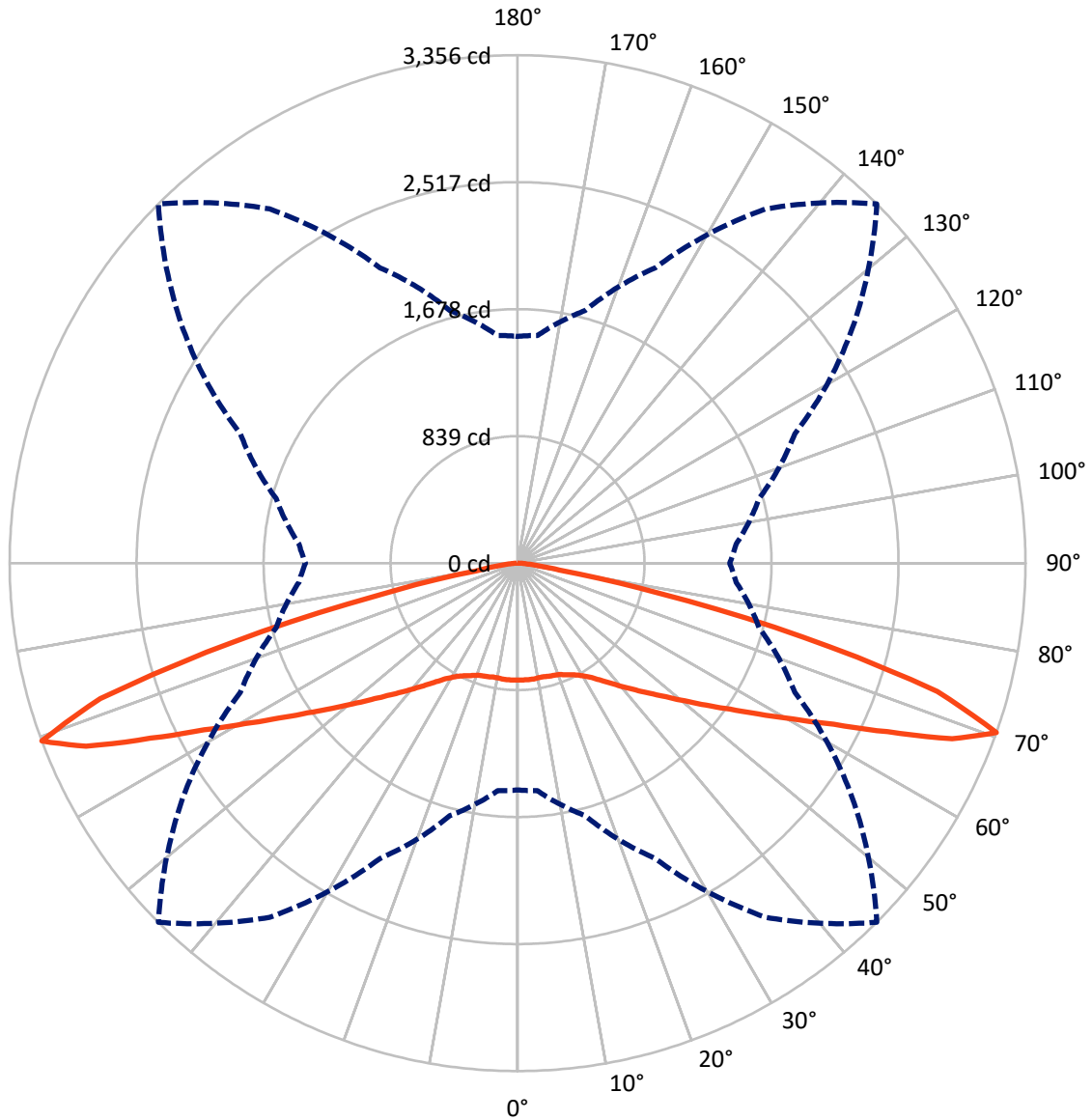
× Max cd
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 3.4 fc
 Type V - Short - N/A

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Luminous Intensity Polar Plot



— Vertical Plane Through 45-Deg Lateral - - - Horizontal Cone Through 70-Deg Vertical

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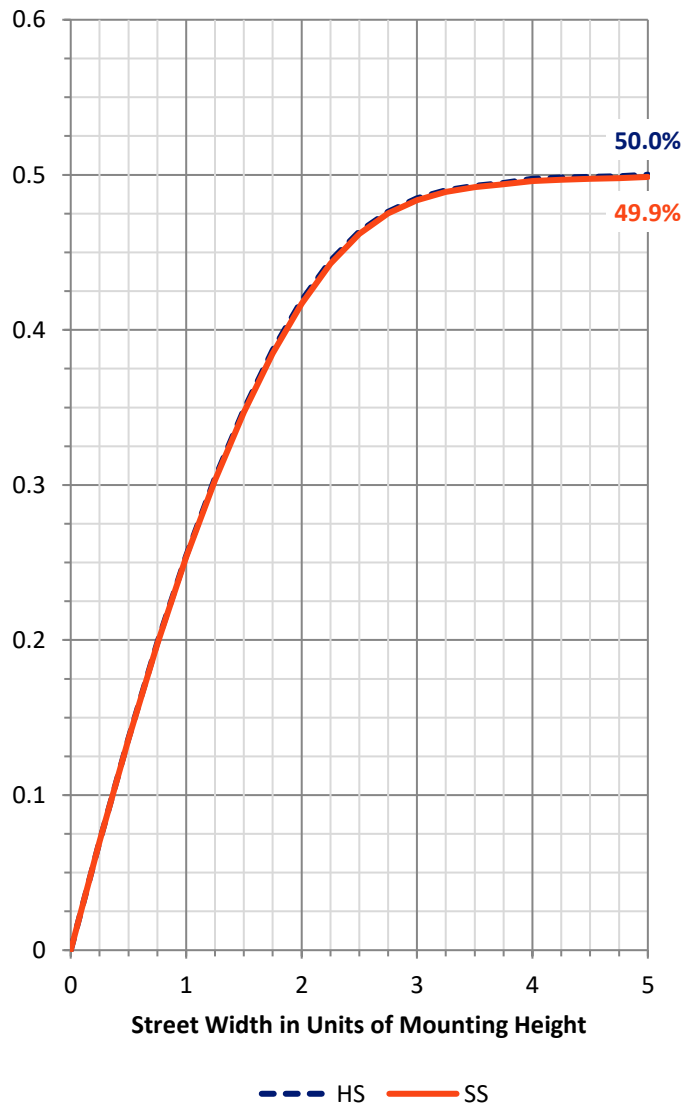
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3515.6	0.0	3515.6
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	3515.6	0.0	3515.6
	% Fixture	50.0	0.0	50.0
Total	Lumens	7031.2	0.0	7031.2
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	73.6	1.0
10°-20°	217.7	3.1
20°-30°	371.7	5.3
30°-40°	593.2	8.4
40°-50°	957.3	13.6
50°-60°	1532.8	21.8
60°-70°	2244.0	31.9
70°-80°	986.9	14.0
80°-90°	54.1	0.8
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°	7031.2	100.0
0°-180°	7031.2	100.0



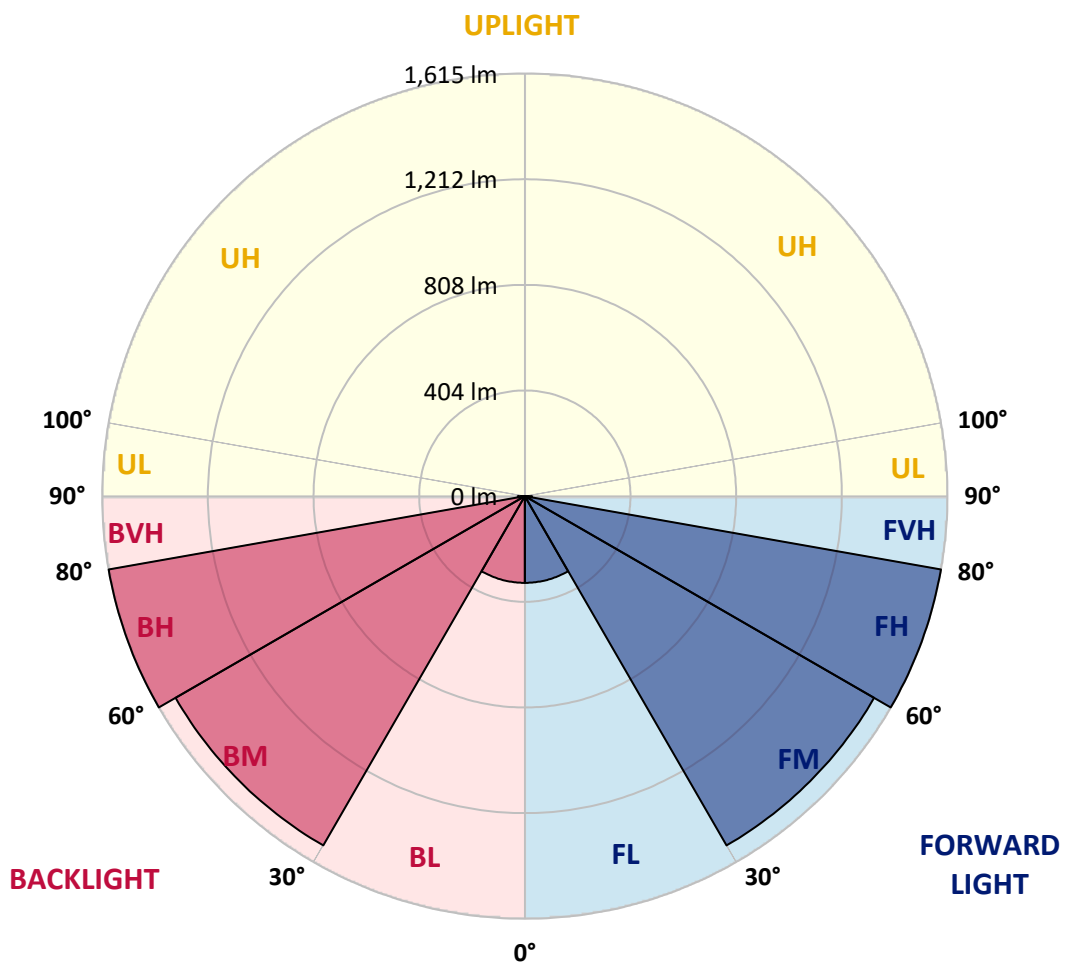
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	331.5	4.7			
FM (30°-60°)	1541.7	21.9			
FH (60°-80°)	1615.4	23.0			G1/1800
FVH (80°-90°)	27.0	0.4			G1/100
BL (0°-30°)	331.5	4.7	B1/500		
BM (30°-60°)	1541.7	21.9	B2/2500		
BH (60°-80°)	1615.4	23.0	B3/2500		G1/1800
BVH (80°-90°)	27.0	0.4			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°	773.2	773.2	773.2	773.2	773.2	773.2	773.2	773.2	773.2	773.2	773.2
2.5°	772.2	771.7	772.7	773.2	772.2	772.7	769.7	769.7	771.2	769.7	771.7
5°	775.7	774.7	775.7	775.7	773.2	773.2	769.7	768.7	769.7	767.2	769.2
7.5°	776.2	774.2	775.7	775.2	773.2	773.2	768.2	766.2	766.7	764.2	765.7
10°	771.2	770.2	772.2	771.2	769.7	769.7	765.7	762.7	762.7	760.3	761.7
12.5°	768.2	767.2	769.7	770.2	769.2	769.7	764.7	760.7	759.3	756.3	757.3
15°	768.2	766.2	770.2	771.2	772.2	775.7	768.2	761.2	758.3	754.3	755.3
17.5°	767.7	766.7	771.2	774.7	775.7	779.7	771.2	763.7	760.3	754.3	755.3
20°	767.7	767.2	772.7	779.2	782.2	785.7	776.7	769.7	763.7	757.3	757.3
22.5°	770.2	769.7	777.2	786.7	795.1	801.1	790.6	779.2	771.2	762.7	761.7
25°	780.7	779.7	788.6	800.1	811.6	817.5	807.1	795.6	784.2	774.7	773.7
27.5°	802.1	801.6	810.6	824.5	832.5	837.0	828.0	818.0	806.6	795.6	795.1
30°	831.0	831.0	842.5	856.9	861.4	864.9	855.9	848.9	837.0	825.0	824.0
32.5°	865.9	867.9	881.3	897.3	900.2	902.2	892.8	888.3	875.3	862.4	860.4
35°	911.7	912.2	928.6	944.6	948.6	950.6	939.6	935.6	923.7	909.7	906.7
37.5°	970.0	968.5	983.9	1001.9	1005.9	1008.4	999.4	996.4	981.5	967.5	963.0
40°	1035.3	1036.3	1053.7	1070.6	1073.1	1074.1	1069.6	1065.1	1051.2	1035.3	1029.8
42.5°	1111.0	1111.0	1131.4	1151.3	1151.3	1146.4	1144.4	1143.4	1129.9	1112.0	1106.0
45°	1197.7	1198.7	1224.1	1239.0	1240.0	1226.6	1228.6	1234.5	1221.6	1198.7	1190.7
47.5°	1292.8	1294.3	1324.2	1340.7	1337.7	1320.2	1331.2	1334.2	1319.2	1289.8	1279.4
50°	1393.0	1397.4	1430.8	1459.7	1455.7	1430.3	1444.8	1445.8	1421.4	1387.5	1373.0
52.5°	1501.1	1511.5	1555.9	1586.8	1590.7	1558.9	1571.3	1570.3	1538.9	1492.6	1483.1
55°	1635.1	1641.1	1684.9	1728.7	1743.7	1704.3	1718.3	1711.3	1669.0	1616.2	1600.2
57.5°	1769.1	1778.1	1834.4	1883.7	1913.6	1880.2	1883.2	1865.3	1811.9	1748.2	1740.2
60°	1928.0	1932.0	1994.3	2058.6	2110.4	2090.4	2076.5	2039.1	1976.4	1912.6	1901.1
62.5°	2058.1	2066.0	2158.7	2253.4	2341.0	2344.5	2302.2	2246.4	2146.2	2039.6	2016.7
65°	2093.9	2106.9	2236.9	2423.7	2606.1	2687.3	2571.2	2400.8	2177.1	2016.2	1981.8
67.5°	1927.0	1951.9	2137.8	2448.1	2852.7	3096.3	2785.4	2327.6	2015.2	1827.4	1794.5
70°	1498.6	1509.5	1727.8	2153.7	2856.7	3356.4	2699.2	2021.2	1652.0	1450.3	1401.9
72.5°	796.1	801.6	998.4	1450.3	2324.6	2899.5	2230.4	1414.4	972.5	789.1	733.8
75°	257.1	264.0	343.8	593.9	1282.4	1948.5	1315.2	588.4	335.3	270.5	256.1
77.5°	131.0	130.5	145.0	191.3	431.4	955.0	456.3	206.3	145.0	130.0	126.0
80°	81.7	80.2	91.2	104.6	151.0	279.0	163.9	115.6	91.7	78.7	78.2
82.5°	46.3	46.3	61.3	67.3	85.2	115.1	95.7	79.2	62.8	46.8	45.3
85°	25.9	22.9	38.4	42.3	48.8	56.8	58.3	51.3	42.3	25.9	26.9
87.5°	9.5	10.5	17.9	16.9	19.4	13.5	23.9	26.9	23.9	12.5	10.5
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)