

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: P672535

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

Issue Date: 04/16/2023



Test Information

Test Method: LM-79-08
Report Number: P672535
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-5MQ
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @1050mA w/ 5MQ distribution lens
Light Source: (16) 3500K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

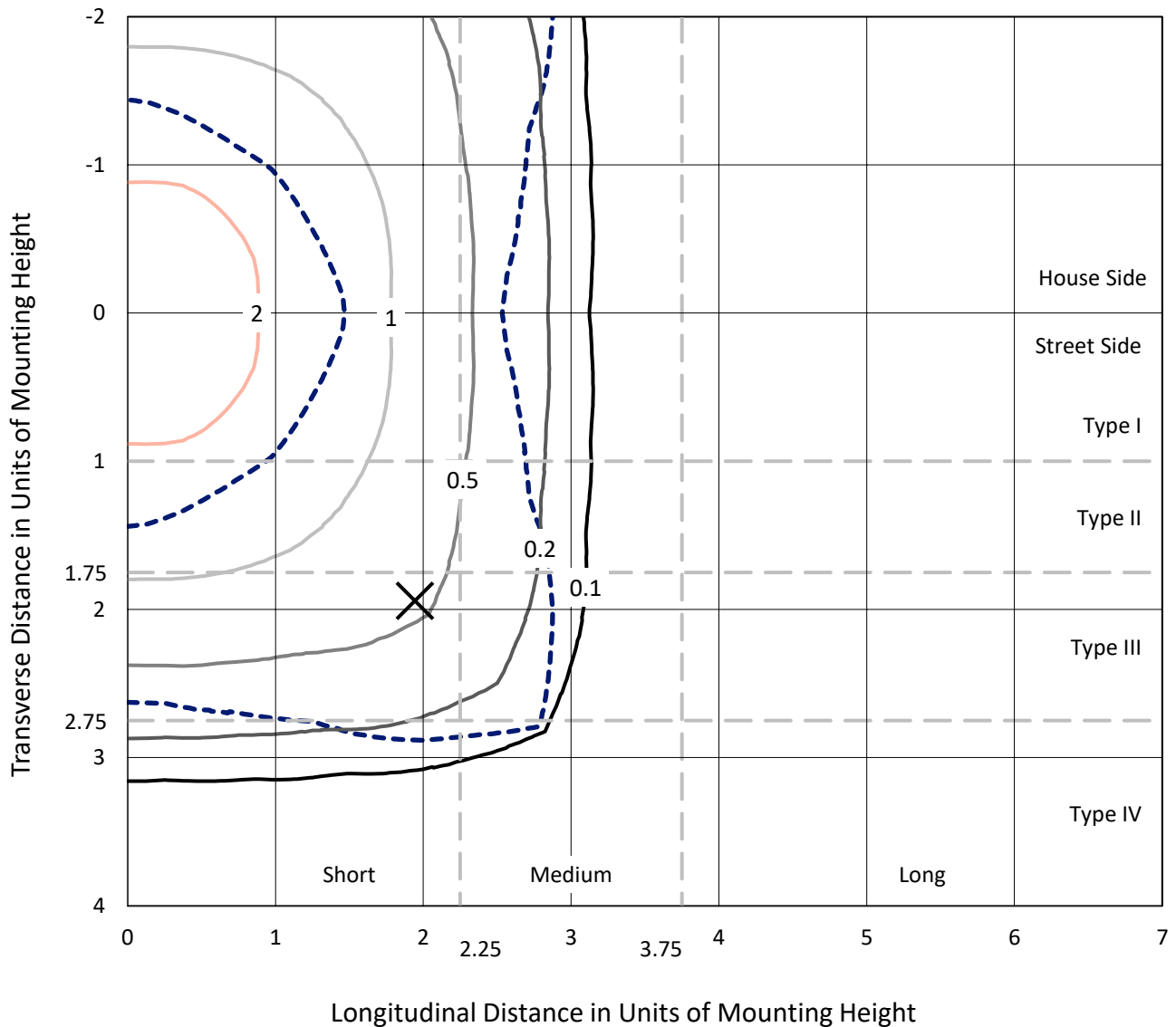
Lumens per Lamp: N/A
Luminaire Lumens: 6960.8 lumens
Efficiency: N/A
Efficacy: 124.1 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification: Type V - Short
BUG Rating: B3 - U0 - G1

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

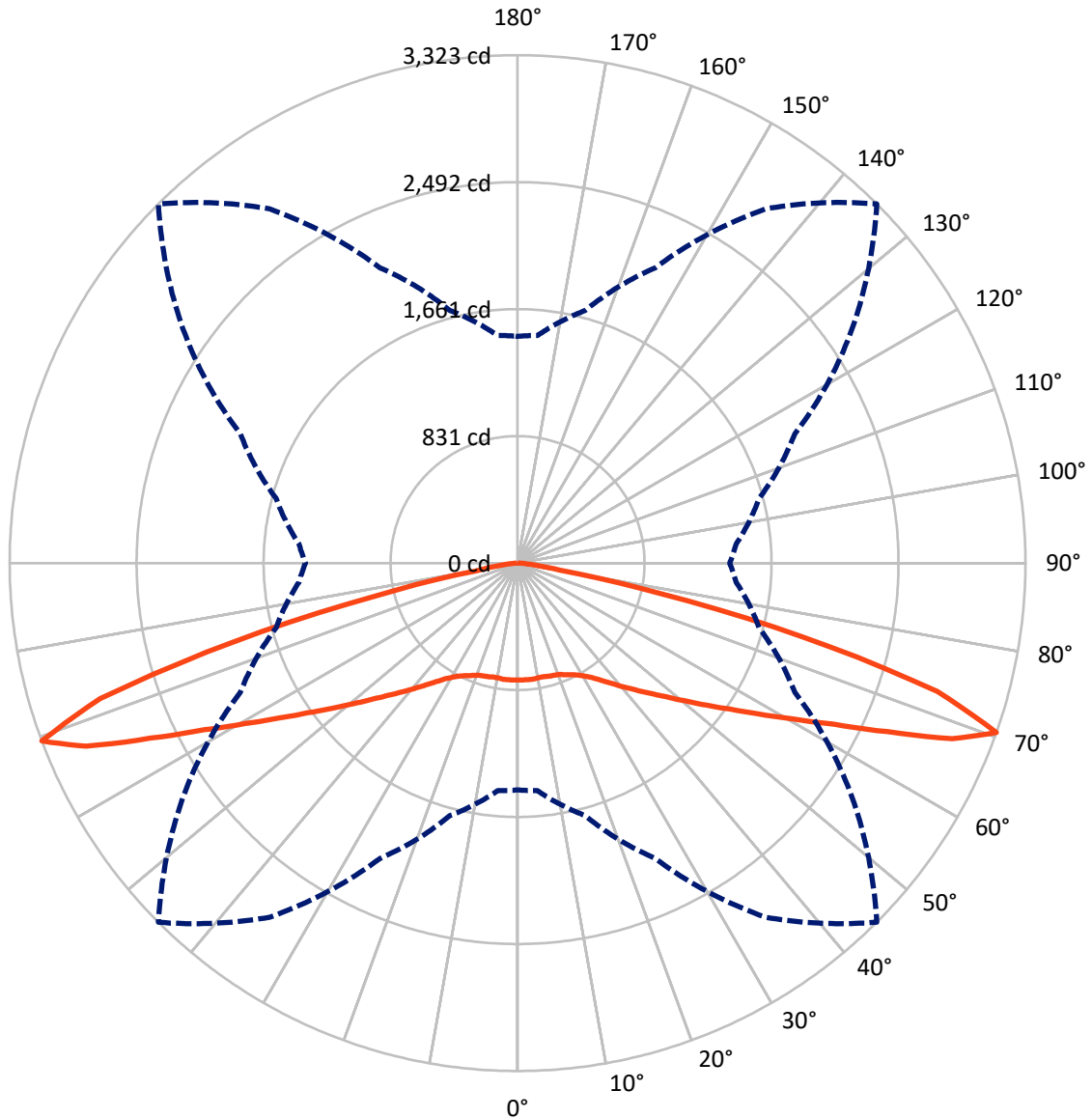
✕ Max cd
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 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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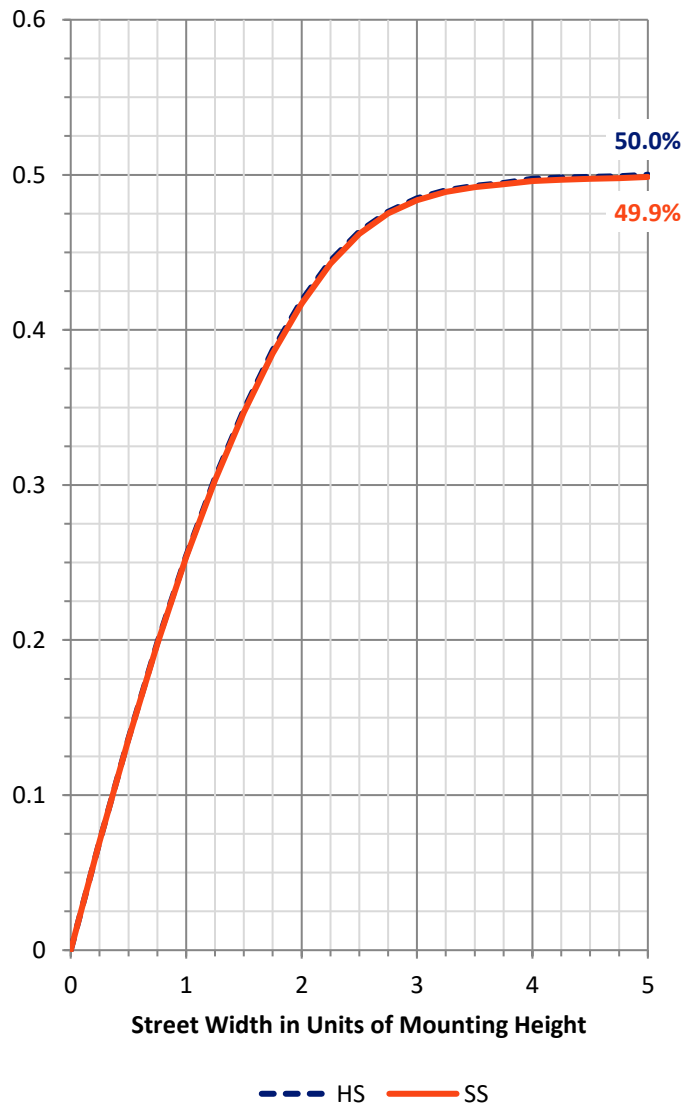
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3480.4	0.0	3480.4
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	3480.4	0.0	3480.4
	% Fixture	50.0	0.0	50.0
Total	Lumens	6960.8	0.0	6960.8
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	72.8	1.0
10°-20°	215.5	3.1
20°-30°	368.0	5.3
30°-40°	587.3	8.4
40°-50°	947.7	13.6
50°-60°	1517.5	21.8
60°-70°	2221.5	31.9
70°-80°	977.0	14.0
80°-90°	53.5	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°	6960.8	100.0
0°-180°	6960.8	100.0



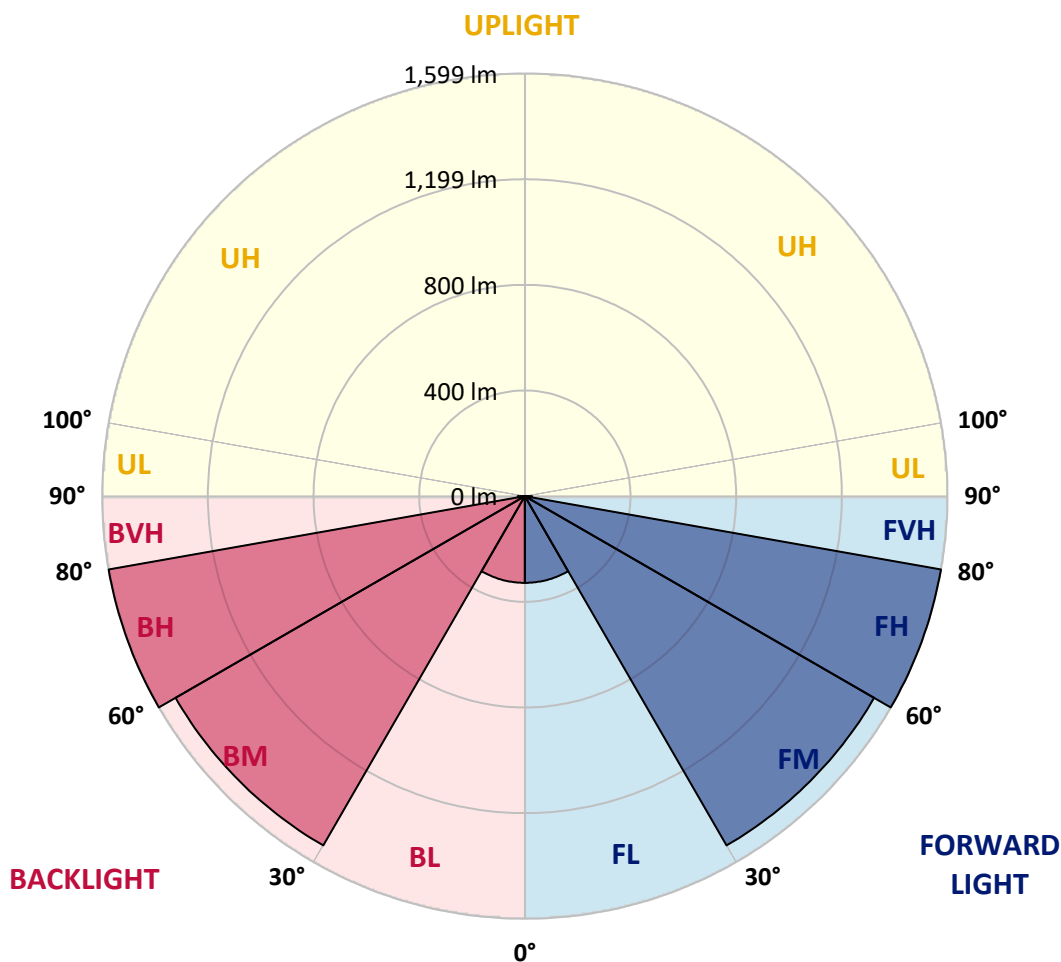
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	328.2	4.7			
FM (30°-60°)	1526.2	21.9			
FH (60°-80°)	1599.3	23.0			G1/1800
FVH (80°-90°)	26.8	0.4			G1/100
BL (0°-30°)	328.2	4.7	B1/500		
BM (30°-60°)	1526.2	21.9	B2/2500		
BH (60°-80°)	1599.3	23.0	B3/2500		G1/1800
BVH (80°-90°)	26.8	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°	765.5	765.5	765.5	765.5	765.5	765.5	765.5	765.5	765.5	765.5	765.5
2.5°	764.5	764.0	765.0	765.5	764.5	765.0	762.0	762.0	763.5	762.0	764.0
5°	767.9	766.9	767.9	767.9	765.5	765.5	762.0	761.0	762.0	759.5	761.5
7.5°	768.4	766.4	767.9	767.4	765.5	765.5	760.5	758.6	759.0	756.6	758.1
10°	763.5	762.5	764.5	763.5	762.0	762.0	758.1	755.1	755.1	752.6	754.1
12.5°	760.5	759.5	762.0	762.5	761.5	762.0	757.1	753.1	751.6	748.7	749.7
15°	760.5	758.6	762.5	763.5	764.5	767.9	760.5	753.6	750.7	746.7	747.7
17.5°	760.0	759.0	763.5	766.9	767.9	771.9	763.5	756.1	752.6	746.7	747.7
20°	760.0	759.5	765.0	771.4	774.3	777.8	768.9	762.0	756.1	749.7	749.7
22.5°	762.5	762.0	769.4	778.8	787.2	793.1	782.7	771.4	763.5	755.1	754.1
25°	772.9	771.9	780.7	792.1	803.4	809.4	799.0	787.7	776.3	766.9	766.0
27.5°	794.1	793.6	802.5	816.3	824.2	828.6	819.7	809.8	798.5	787.7	787.2
30°	822.7	822.7	834.0	848.3	852.8	856.2	847.3	840.4	828.6	816.8	815.8
32.5°	857.2	859.2	872.5	888.3	891.2	893.2	883.8	879.4	866.6	853.7	851.8
35°	902.6	903.1	919.3	935.1	939.1	941.0	930.2	926.2	914.4	900.6	897.6
37.5°	960.3	958.8	974.1	991.8	995.8	998.3	989.4	986.4	971.6	957.8	953.4
40°	1024.9	1025.9	1043.1	1059.9	1062.4	1063.4	1058.9	1054.5	1040.7	1024.9	1019.5
42.5°	1099.9	1099.9	1120.1	1139.8	1139.8	1134.9	1132.9	1131.9	1118.6	1100.8	1094.9
45°	1185.7	1186.7	1211.8	1226.6	1227.6	1214.3	1216.3	1222.2	1209.3	1186.7	1178.8
47.5°	1279.9	1281.4	1310.9	1327.2	1324.3	1307.0	1317.9	1320.8	1306.0	1276.9	1266.6
50°	1379.0	1383.4	1416.5	1445.1	1441.2	1416.0	1430.3	1431.3	1407.1	1373.6	1359.3
52.5°	1486.0	1496.4	1540.3	1570.9	1574.8	1543.2	1555.6	1554.6	1523.5	1477.7	1468.3
55°	1618.7	1624.6	1668.0	1711.4	1726.2	1687.3	1701.1	1694.2	1652.2	1600.0	1584.2
57.5°	1751.4	1760.3	1816.0	1864.8	1894.4	1861.4	1864.3	1846.6	1793.8	1730.7	1722.8
60°	1908.7	1912.7	1974.3	2037.9	2089.2	2069.5	2055.7	2018.7	1956.6	1893.4	1882.1
62.5°	2037.4	2045.3	2137.1	2230.8	2317.6	2321.0	2279.1	2223.9	2124.7	2019.2	1996.5
65°	2073.0	2085.8	2214.5	2399.5	2580.0	2660.4	2545.4	2376.8	2155.3	1996.0	1962.0
67.5°	1907.7	1932.4	2116.4	2423.6	2824.1	3065.3	2757.5	2304.3	1995.0	1809.1	1776.5
70°	1483.6	1494.4	1710.4	2132.1	2828.1	3322.7	2672.2	2000.9	1635.5	1435.7	1387.9
72.5°	788.1	793.6	988.4	1435.7	2301.3	2870.5	2208.1	1400.2	962.7	781.2	726.5
75°	254.5	261.4	340.3	587.9	1269.5	1928.9	1302.1	582.5	331.9	267.8	253.5
77.5°	129.7	129.2	143.5	189.4	427.1	945.5	451.8	204.2	143.5	128.7	124.8
80°	80.9	79.4	90.3	103.6	149.4	276.2	162.3	114.4	90.8	77.9	77.4
82.5°	45.9	45.9	60.7	66.6	84.3	113.9	94.7	78.4	62.1	46.4	44.9
85°	25.6	22.7	38.0	41.9	48.3	56.2	57.7	50.8	41.9	25.6	26.6
87.5°	9.4	10.4	17.8	16.8	19.2	13.3	23.7	26.6	23.7	12.3	10.4
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)