

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: P672678

Luminaire Tested: **CCP-SA-1D-735-U-5NQ**

Issue Date: 04/16/2023



Test Information

Test Method: LM-79-08
Report Number: P672678
Test Lab: INNOVATION CENTER(G2)
Issue Date: 04/16/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: CCP-SA-1D-735-U-5NQ
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @800mA w/ 5NQ
distribution lens
Light Source: (16) 3500K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 5723.9 lumens
Efficiency: N/A
Efficacy: 130.1 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification: Type V - Short
BUG Rating: B2 - U0 - G1

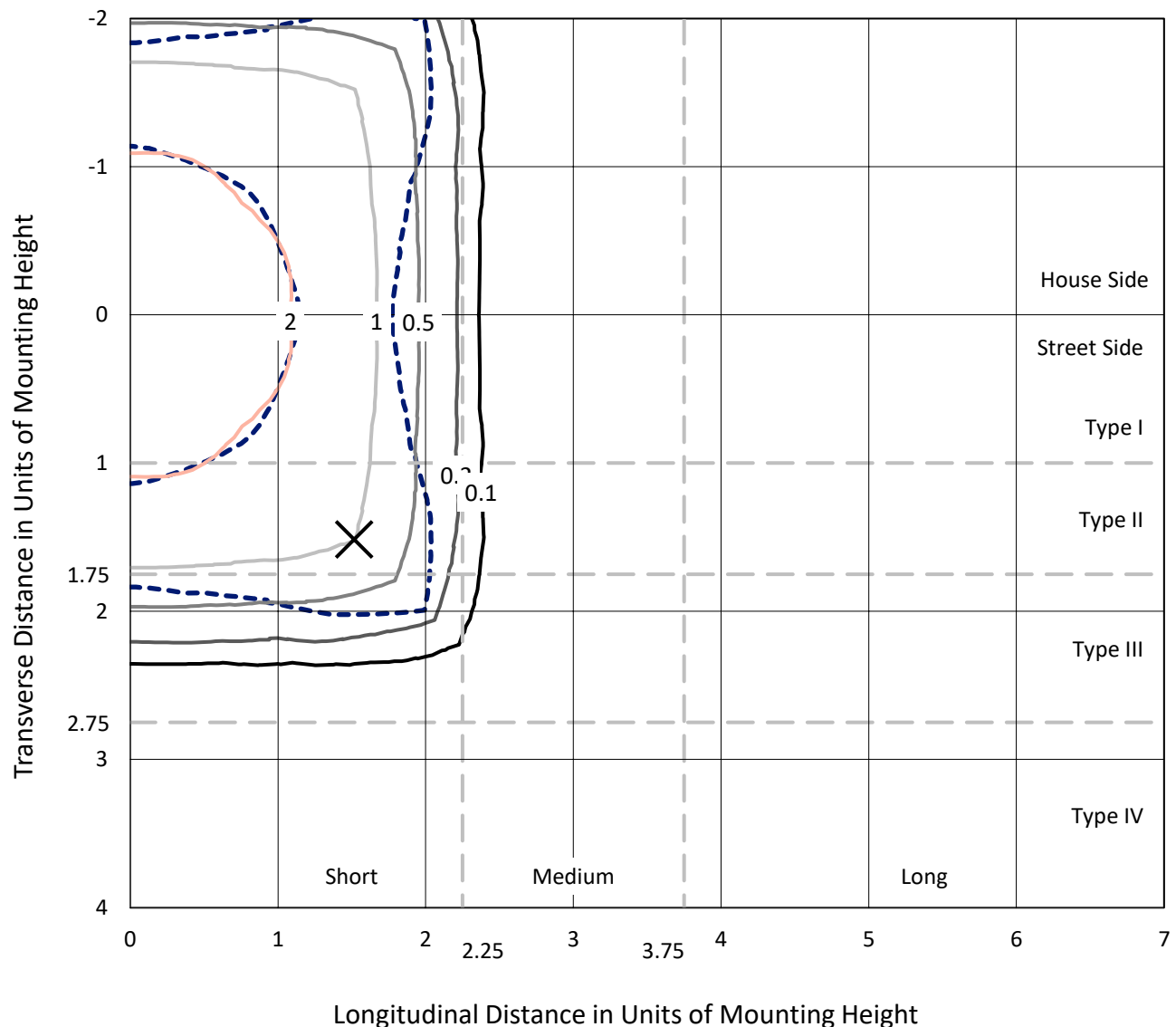
Input Watts (W): 44
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT

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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

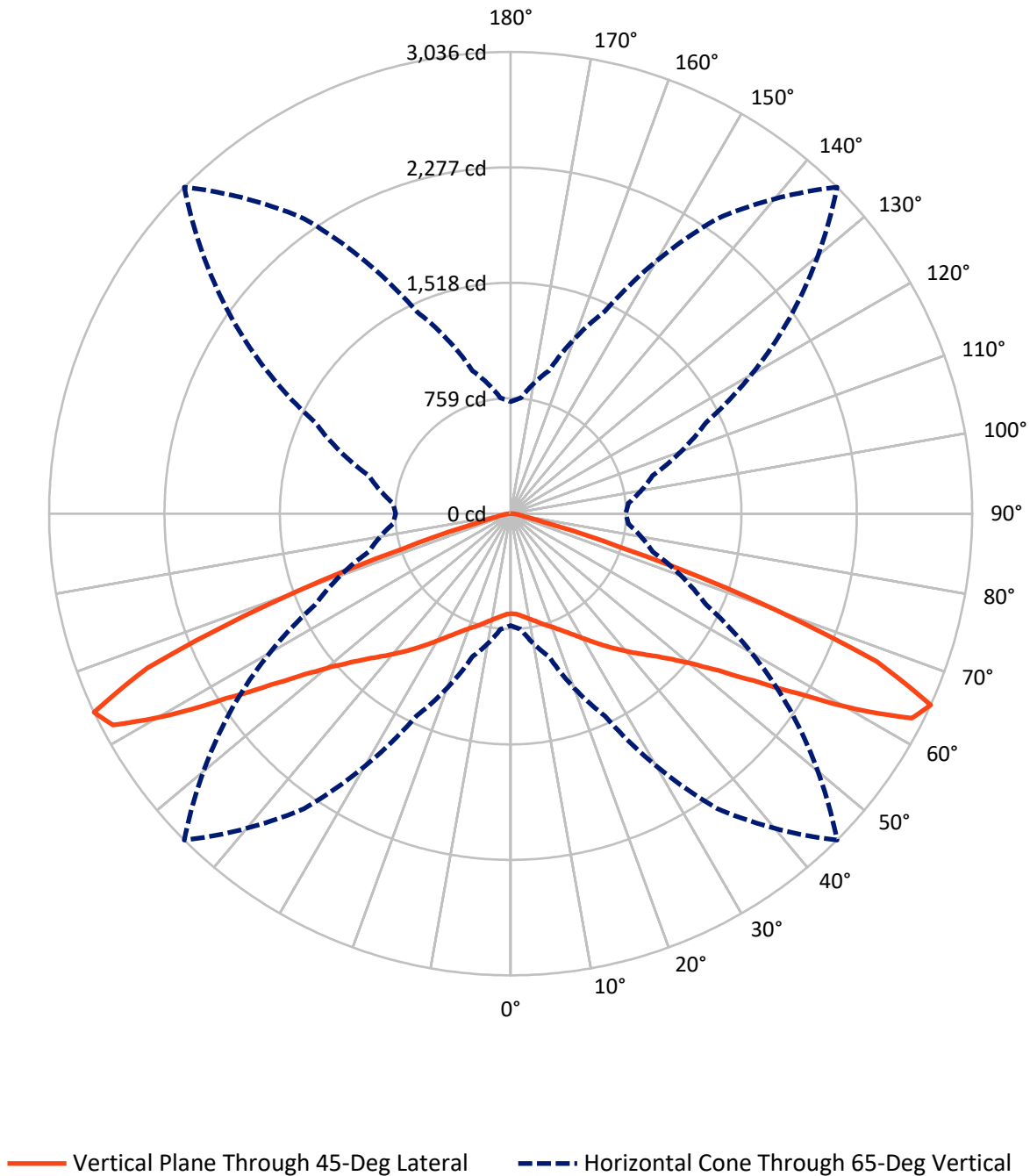


Based on 15 foot mounting height. Maximum calculated value = 3 fc

Type V - Short - N/A

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Luminous Intensity Polar Plot



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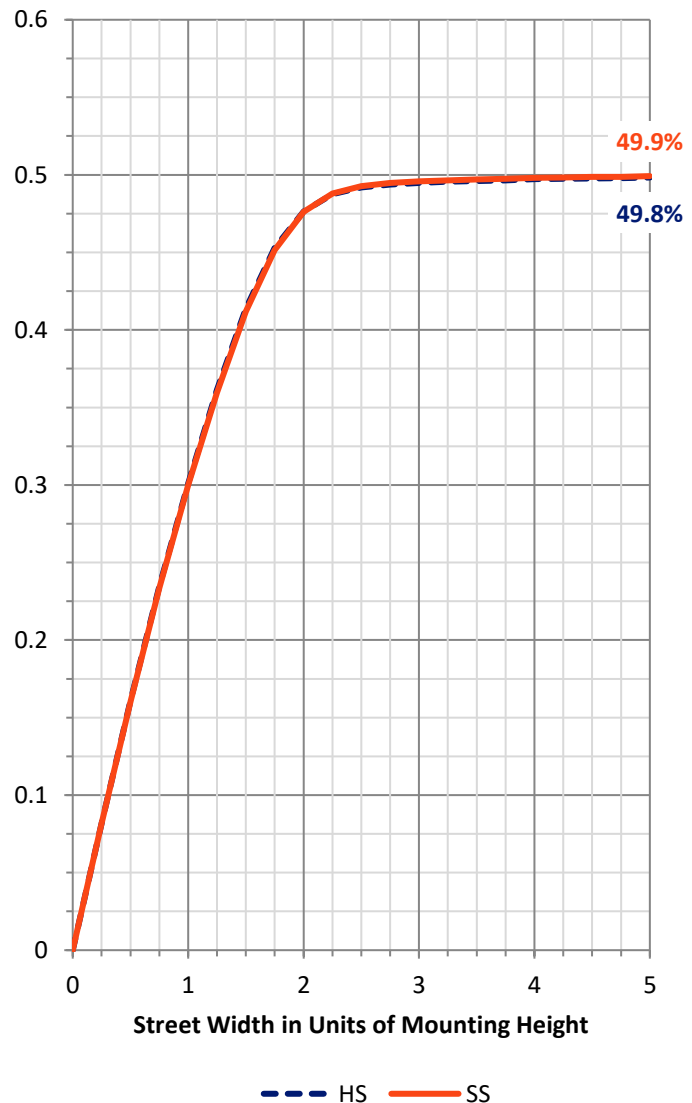
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2861.9	0.0	2861.9
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	2861.9	0.0	2861.9
	% Fixture	50.0	0.0	50.0
Total	Lumens	5723.9	0.0	5723.9
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	65.2	1.1
10°-20°	212.8	3.7
20°-30°	403.6	7.1
30°-40°	676.8	11.8
40°-50°	1071.0	18.7
50°-60°	1682.6	29.4
60°-70°	1421.7	24.8
70°-80°	165.5	2.9
80°-90°	24.7	0.4
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°	5723.9	100.0
0°-180°	5723.9	100.0

Coefficient of Utilization



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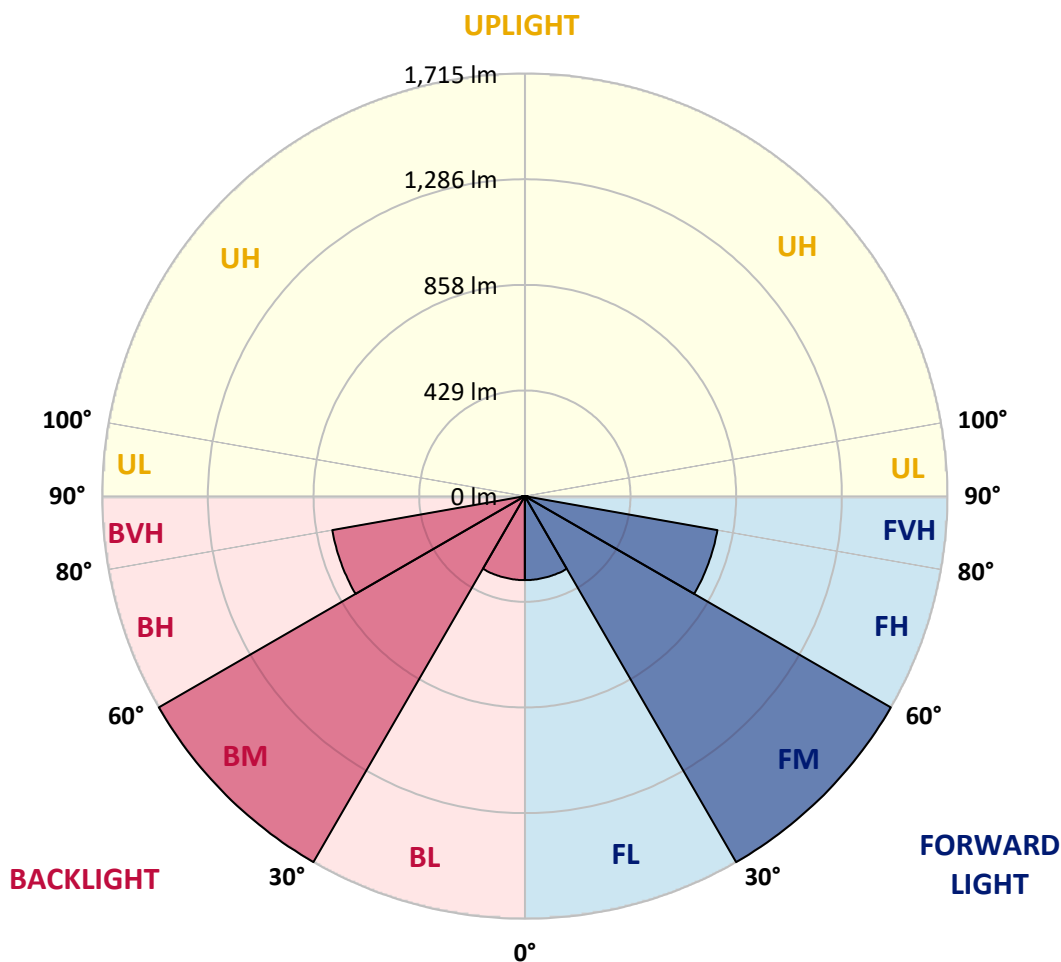
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	340.8	6.0			
FM	(30°-60°)	1715.2	30.0			
FH	(60°-80°)	793.6	13.9			G1/1800
FVH	(80°-90°)	12.3	0.2			G1/100
BL	(0°-30°)	340.8	6.0	B1/500		
BM	(30°-60°)	1715.2	30.0	B2/2500		
BH	(60°-80°)	793.6	13.9	B2/1000		G1/1800
BVH	(80°-90°)	12.3	0.2			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G1

Type V Short





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	658.2	658.2	658.2	658.2	658.2	658.2	658.2	658.2	658.2	658.2	658.2
2.5°	661.8	659.8	661.8	661.8	660.6	661.0	659.4	659.0	661.0	659.4	659.0
5°	675.4	673.8	675.4	674.2	672.2	672.6	670.2	669.4	671.8	669.4	669.8
7.5°	691.1	688.3	689.1	690.3	688.3	688.3	686.3	685.1	686.3	683.9	685.5
10°	704.4	702.0	703.2	704.8	704.4	705.6	703.6	702.8	701.6	698.8	701.2
12.5°	721.7	720.9	722.5	724.5	723.7	725.3	720.9	719.7	719.3	716.1	718.9
15°	744.2	742.2	745.0	747.5	746.3	749.1	745.4	743.8	741.8	737.8	740.2
17.5°	766.8	765.2	769.2	770.4	770.8	773.2	770.4	768.0	767.2	764.4	762.7
20°	793.7	791.7	794.9	797.3	795.3	798.1	796.9	795.3	794.5	790.1	789.7
22.5°	823.9	821.1	825.9	828.7	825.9	828.7	826.3	825.9	826.3	819.9	820.7
25°	857.7	858.1	862.9	864.9	863.3	864.9	861.3	863.7	862.5	855.7	853.3
27.5°	901.1	899.5	904.8	910.8	906.8	906.8	905.2	907.6	907.2	900.7	899.1
30°	951.8	951.4	959.1	962.7	957.1	954.6	954.2	960.3	960.7	953.8	951.0
32.5°	1004.9	1004.9	1014.2	1018.6	1010.6	1008.9	1007.3	1015.4	1014.2	1004.9	998.9
35°	1063.3	1060.8	1073.3	1079.8	1071.7	1066.9	1066.1	1073.3	1071.7	1058.8	1051.6
37.5°	1120.8	1122.4	1136.9	1144.1	1134.5	1128.4	1130.4	1135.3	1135.7	1121.6	1113.9
40°	1191.2	1191.6	1209.7	1215.3	1202.9	1193.6	1196.4	1207.3	1206.5	1189.2	1179.5
42.5°	1270.0	1268.4	1291.0	1295.8	1278.9	1261.2	1269.6	1286.5	1290.6	1271.2	1261.2
45°	1354.5	1356.9	1380.3	1385.5	1358.9	1336.4	1354.5	1379.9	1385.1	1364.2	1351.7
47.5°	1457.1	1459.9	1488.1	1490.1	1459.9	1430.6	1454.7	1487.7	1489.7	1460.7	1446.2
50°	1574.2	1583.8	1615.2	1619.2	1589.5	1551.6	1586.2	1615.6	1608.0	1569.3	1556.1
52.5°	1706.9	1714.6	1763.6	1780.5	1754.4	1713.8	1741.5	1759.6	1735.1	1684.4	1663.9
55°	1820.0	1832.8	1898.0	1949.5	1969.2	1938.6	1935.4	1908.9	1840.5	1763.2	1741.9
57.5°	1851.8	1864.2	1965.2	2098.0	2215.0	2230.3	2159.5	2026.3	1879.1	1760.0	1738.3
60°	1722.6	1739.5	1887.2	2138.6	2474.5	2612.9	2357.0	2036.4	1778.9	1619.2	1591.9
62.5°	1352.9	1384.3	1575.0	1969.2	2579.1	2961.3	2438.3	1863.0	1476.8	1288.1	1251.9
65°	735.8	762.7	973.1	1467.6	2367.1	3035.7	2239.2	1418.5	965.9	776.4	756.7
67.5°	276.0	295.7	392.2	725.3	1673.5	2595.2	1699.7	812.2	438.5	314.6	286.8
70°	117.5	119.9	142.0	252.6	760.7	1688.4	870.2	276.0	146.4	118.3	115.1
72.5°	84.5	84.9	90.9	111.8	231.7	740.6	263.1	115.9	89.3	80.5	80.5
75°	67.6	68.0	71.6	80.9	109.4	218.0	113.4	81.3	69.2	63.2	62.4
77.5°	53.1	53.9	57.5	63.2	73.2	99.8	76.8	64.0	55.5	49.9	49.1
80°	39.4	40.6	45.5	48.3	51.5	66.4	55.9	49.9	44.3	38.2	37.0
82.5°	26.1	27.4	33.8	35.8	35.4	41.8	38.6	38.2	33.8	25.3	24.1
85°	15.7	16.5	21.7	23.3	21.7	20.5	24.5	26.6	23.7	16.5	15.3
87.5°	6.8	6.8	9.7	10.1	9.7	7.6	11.7	13.7	14.1	8.4	7.6
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)