

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: P672759

Luminaire Tested: **CCP-SA-2B-840-U-5NQ**

Issue Date: 04/16/2023

Test Information

Test Method: LM-79-08
Report Number: P672759
Test Lab: INNOVATION CENTER(G2)
Issue Date: 04/16/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: CCP-SA-2B-840-U-5NQ
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @450mA w/ 5NQ
distribution lens
Light Source: (32) 4000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 6127.4 lumens
Efficiency: N/A
Efficacy: 133.2 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type V - Short
BUG Rating: B2 - U0 - G1

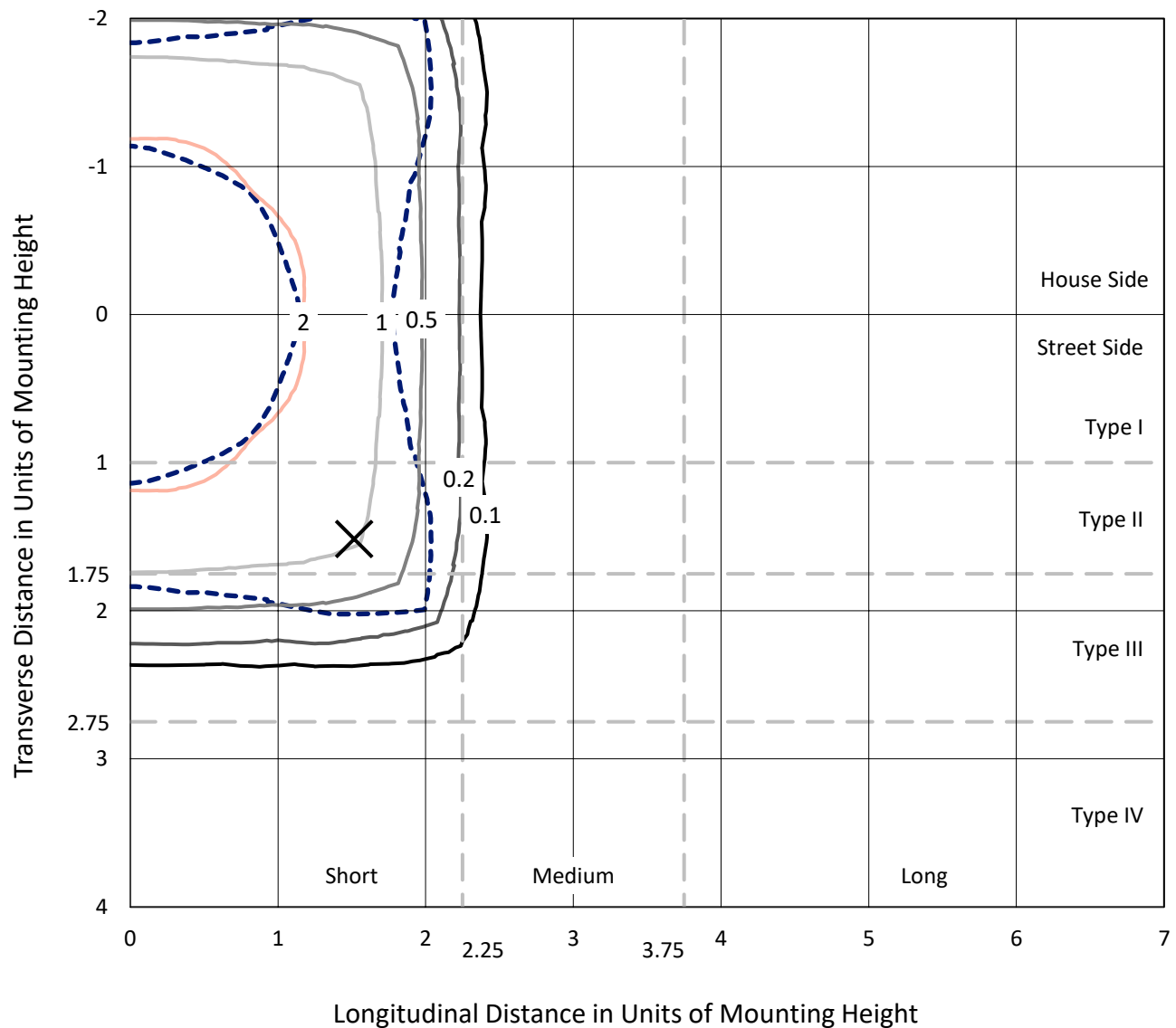
Input Watts (W): 46
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT

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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

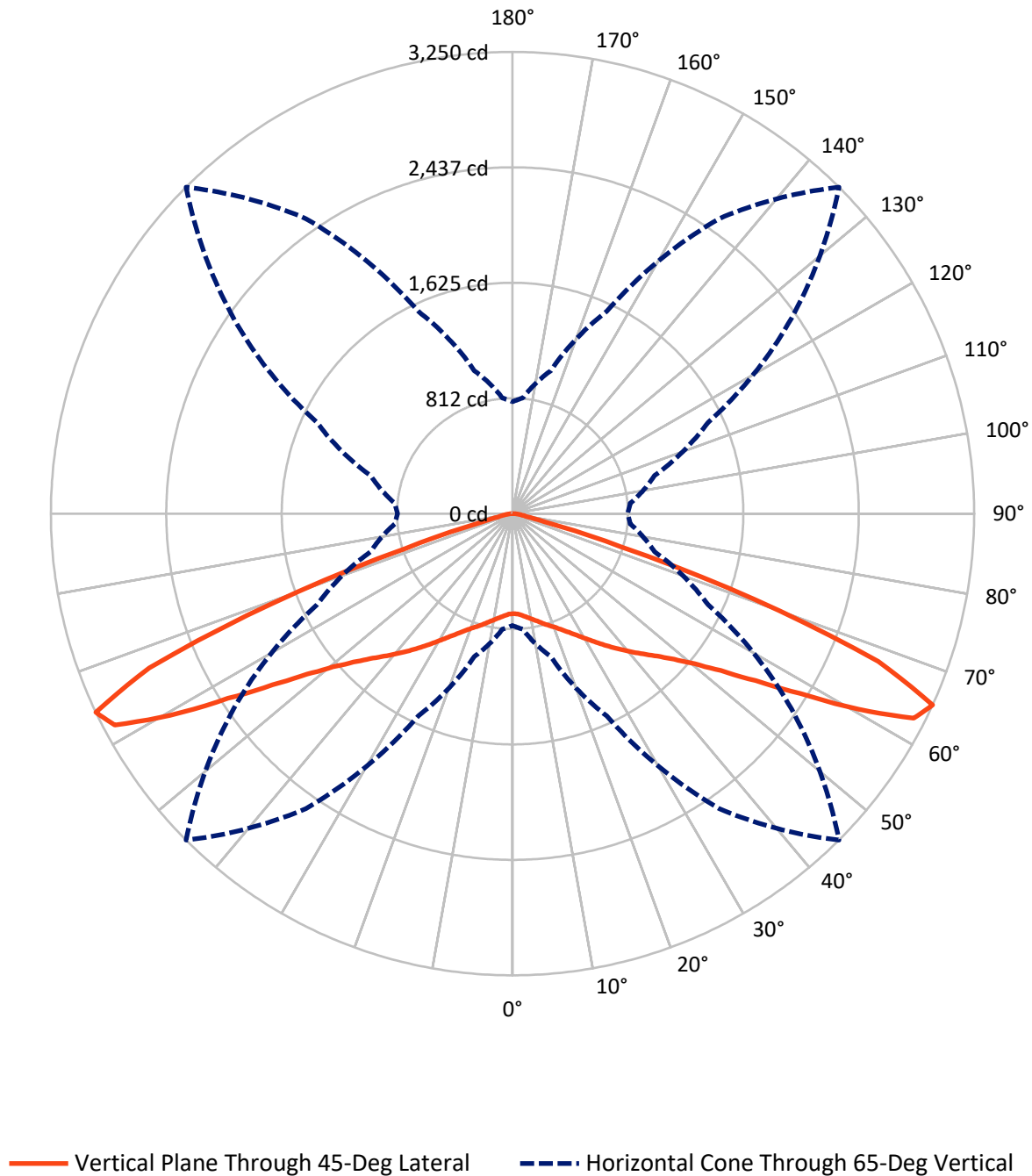


Based on 15 foot mounting height. Maximum calculated value = 3.2 fc
 Type V - Short - N/A

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Luminous Intensity Polar Plot



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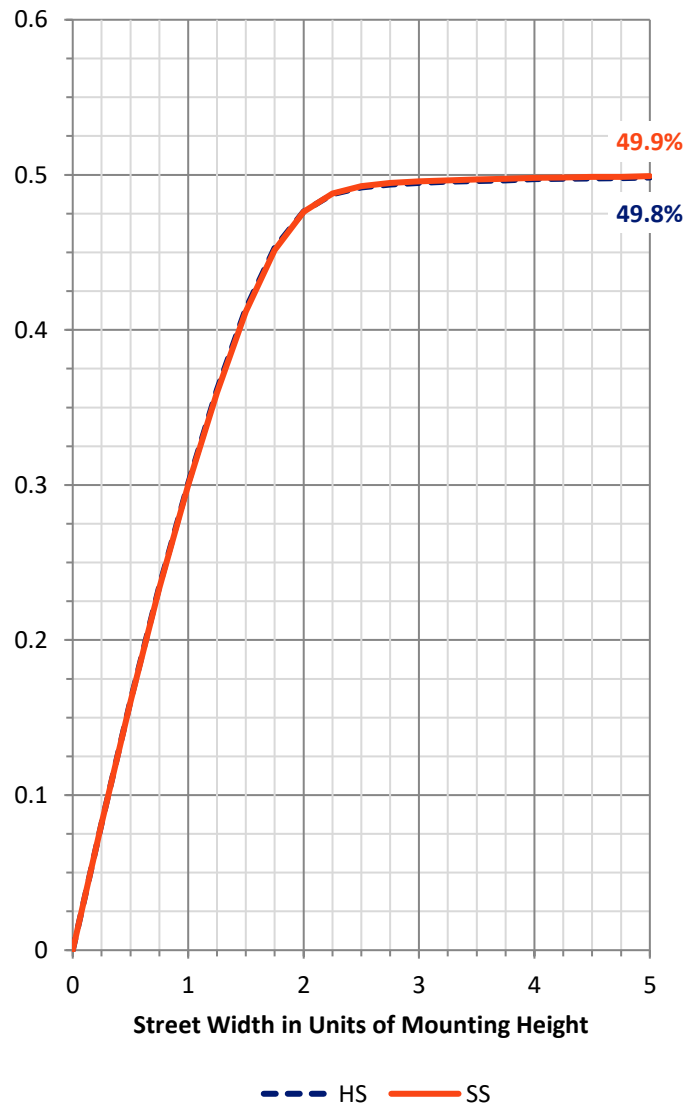
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3063.7	0.0	3063.7
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	3063.7	0.0	3063.7
	% Fixture	50.0	0.0	50.0
Total	Lumens	6127.4	0.0	6127.4
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	69.8	1.1
10°-20°	227.8	3.7
20°-30°	432.0	7.1
30°-40°	724.6	11.8
40°-50°	1146.5	18.7
50°-60°	1801.2	29.4
60°-70°	1521.9	24.8
70°-80°	177.2	2.9
80°-90°	26.4	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°	6127.4	100.0
0°-180°	6127.4	100.0

Coefficient of Utilization



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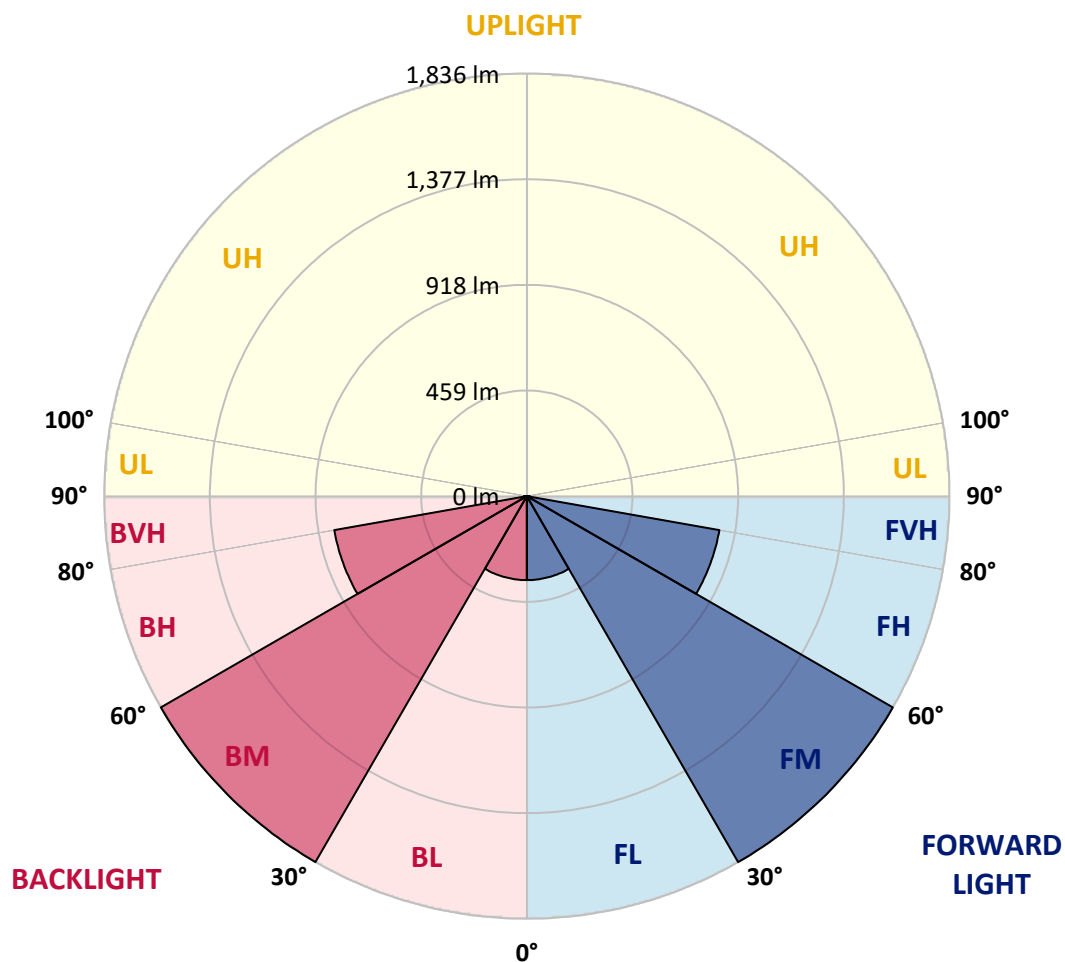
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	364.8	6.0			
FM	(30°-60°)	1836.2	30.0			
FH	(60°-80°)	849.5	13.9			G1/1800
FVH	(80°-90°)	13.2	0.2			G1/100
BL	(0°-30°)	364.8	6.0	B1/500		
BM	(30°-60°)	1836.2	30.0	B2/2500		
BH	(60°-80°)	849.5	13.9	B2/1000		G1/1800
BVH	(80°-90°)	13.2	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°	704.5	704.5	704.5	704.5	704.5	704.5	704.5	704.5	704.5	704.5	704.5
2.5°	708.4	706.3	708.4	708.4	707.1	707.6	705.8	705.4	707.6	705.8	705.4
5°	723.1	721.3	723.1	721.8	719.6	720.0	717.5	716.6	719.2	716.6	717.0
7.5°	739.9	736.8	737.7	739.0	736.8	736.8	734.7	733.4	734.7	732.1	733.8
10°	754.1	751.5	752.8	754.5	754.1	755.4	753.2	752.3	751.1	748.0	750.6
12.5°	772.6	771.7	773.4	775.6	774.7	776.5	771.7	770.4	770.0	766.6	769.6
15°	796.7	794.6	797.6	800.1	798.9	801.9	798.0	796.3	794.1	789.8	792.4
17.5°	820.8	819.1	823.4	824.7	825.1	827.7	824.7	822.1	821.3	818.2	816.5
20°	849.7	847.5	851.0	853.5	851.4	854.4	853.1	851.4	850.5	845.8	845.4
22.5°	882.0	879.0	884.1	887.1	884.1	887.1	884.6	884.1	884.6	877.7	878.5
25°	918.1	918.6	923.7	925.9	924.2	925.9	922.0	924.6	923.3	916.0	913.4
27.5°	964.7	962.9	968.5	975.0	970.7	970.7	969.0	971.5	971.1	964.2	962.5
30°	1018.9	1018.5	1026.7	1030.5	1024.5	1021.9	1021.5	1028.0	1028.4	1021.1	1018.1
32.5°	1075.8	1075.8	1085.7	1090.4	1081.8	1080.1	1078.3	1087.0	1085.7	1075.8	1069.3
35°	1138.2	1135.6	1149.0	1155.9	1147.3	1142.1	1141.2	1149.0	1147.3	1133.5	1125.7
37.5°	1199.8	1201.5	1217.0	1224.8	1214.4	1208.0	1210.1	1215.3	1215.7	1200.7	1192.5
40°	1275.2	1275.6	1295.0	1301.0	1287.6	1277.7	1280.8	1292.4	1291.5	1273.0	1262.7
42.5°	1359.6	1357.8	1382.0	1387.1	1369.0	1350.1	1359.1	1377.2	1381.5	1360.9	1350.1
45°	1450.0	1452.6	1477.6	1483.2	1454.7	1430.6	1450.0	1477.1	1482.7	1460.3	1447.0
47.5°	1559.8	1562.8	1593.0	1595.1	1562.8	1531.4	1557.2	1592.5	1594.7	1563.7	1548.2
50°	1685.1	1695.5	1729.1	1733.4	1701.5	1661.0	1698.1	1729.5	1721.3	1680.0	1665.8
52.5°	1827.3	1835.4	1888.0	1906.1	1878.1	1834.6	1864.3	1883.7	1857.4	1803.1	1781.2
55°	1948.3	1962.0	2031.8	2086.9	2108.0	2075.3	2071.9	2043.4	1970.2	1887.5	1864.7
57.5°	1982.3	1995.6	2103.7	2245.8	2371.2	2387.5	2311.7	2169.2	2011.6	1884.1	1860.8
60°	1844.0	1862.1	2020.2	2289.3	2648.9	2797.1	2523.2	2180.0	1904.3	1733.4	1704.1
62.5°	1448.3	1481.9	1686.0	2108.0	2760.9	3170.0	2610.2	1994.3	1580.9	1378.9	1340.2
65°	787.7	816.5	1041.7	1571.0	2533.9	3249.7	2397.0	1518.5	1034.0	831.2	810.1
67.5°	295.4	316.5	419.9	776.5	1791.5	2778.1	1819.5	869.5	469.4	336.8	307.1
70°	125.8	128.3	152.0	270.4	814.4	1807.4	931.5	295.4	156.8	126.6	123.2
72.5°	90.4	90.9	97.3	119.7	248.1	792.8	281.6	124.0	95.6	86.1	86.1
75°	72.3	72.8	76.7	86.6	117.1	233.4	121.4	87.0	74.1	67.6	66.8
77.5°	56.8	57.7	61.6	67.6	78.4	106.8	82.3	68.5	59.4	53.4	52.5
80°	42.2	43.5	48.7	51.7	55.1	71.1	59.9	53.4	47.4	40.9	39.6
82.5°	28.0	29.3	36.2	38.3	37.9	44.8	41.3	40.9	36.2	27.1	25.8
85°	16.8	17.7	23.3	25.0	23.3	22.0	26.3	28.4	25.4	17.7	16.4
87.5°	7.3	7.3	10.3	10.8	10.3	8.2	12.5	14.6	15.1	9.0	8.2
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)