

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: P672680

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

Issue Date: 04/16/2023

Test Information

Test Method: LM-79-08
Report Number: P672680
Test Lab: INNOVATION CENTER(G2)
Issue Date: 04/16/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: CCP-SA-1F-735-U-5NQ
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @1200mA w/ 5NQ
distribution lens
Light Source: (16) 3500K CCT, 70 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 7695.3 lumens
Efficiency: N/A
Efficacy: 114.9 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification: Type V - Short
BUG Rating: B3 - U0 - G1

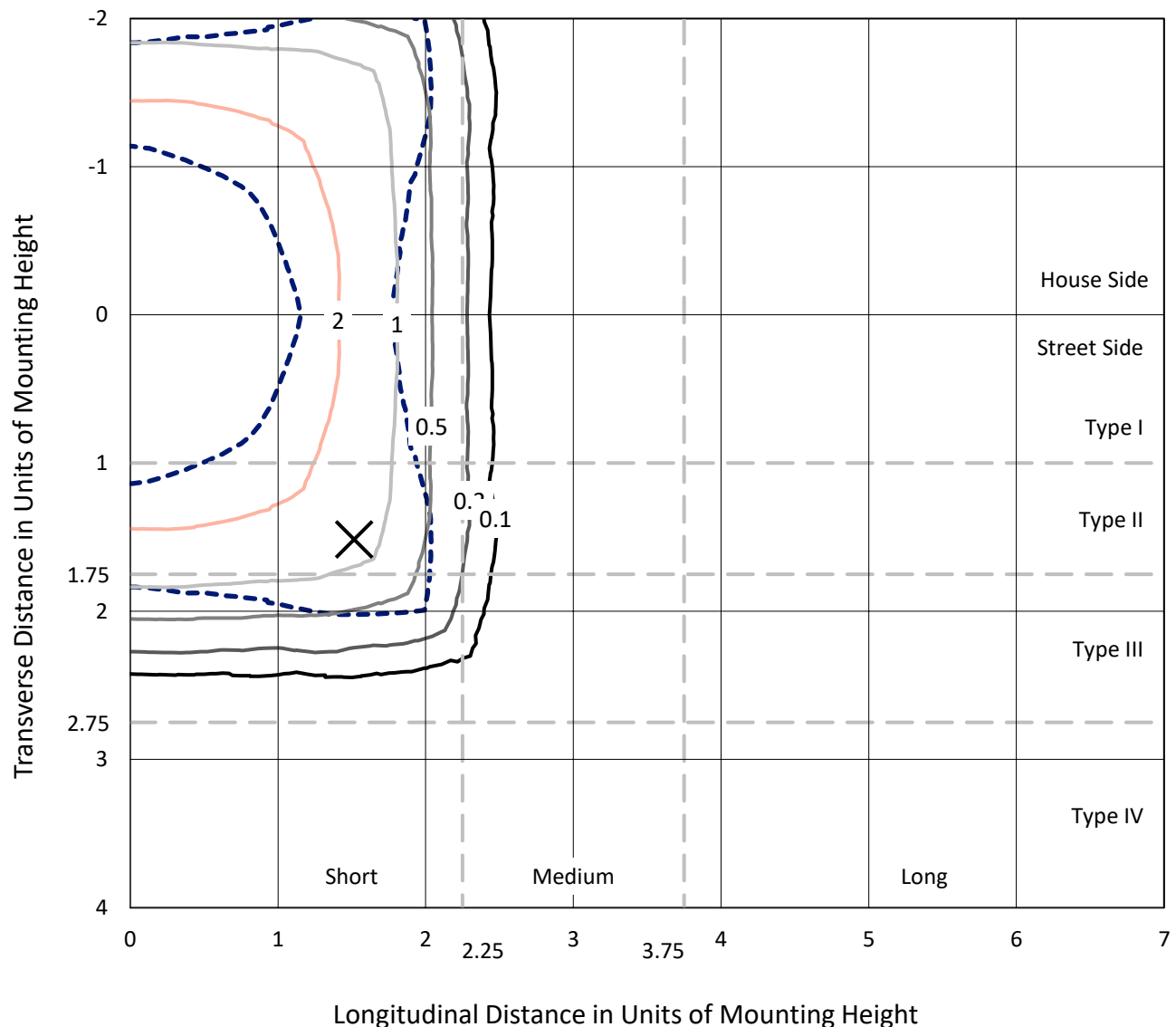
Input Watts (W): 67
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT

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Iso-Footcandle Lines of Horizontal Illumination

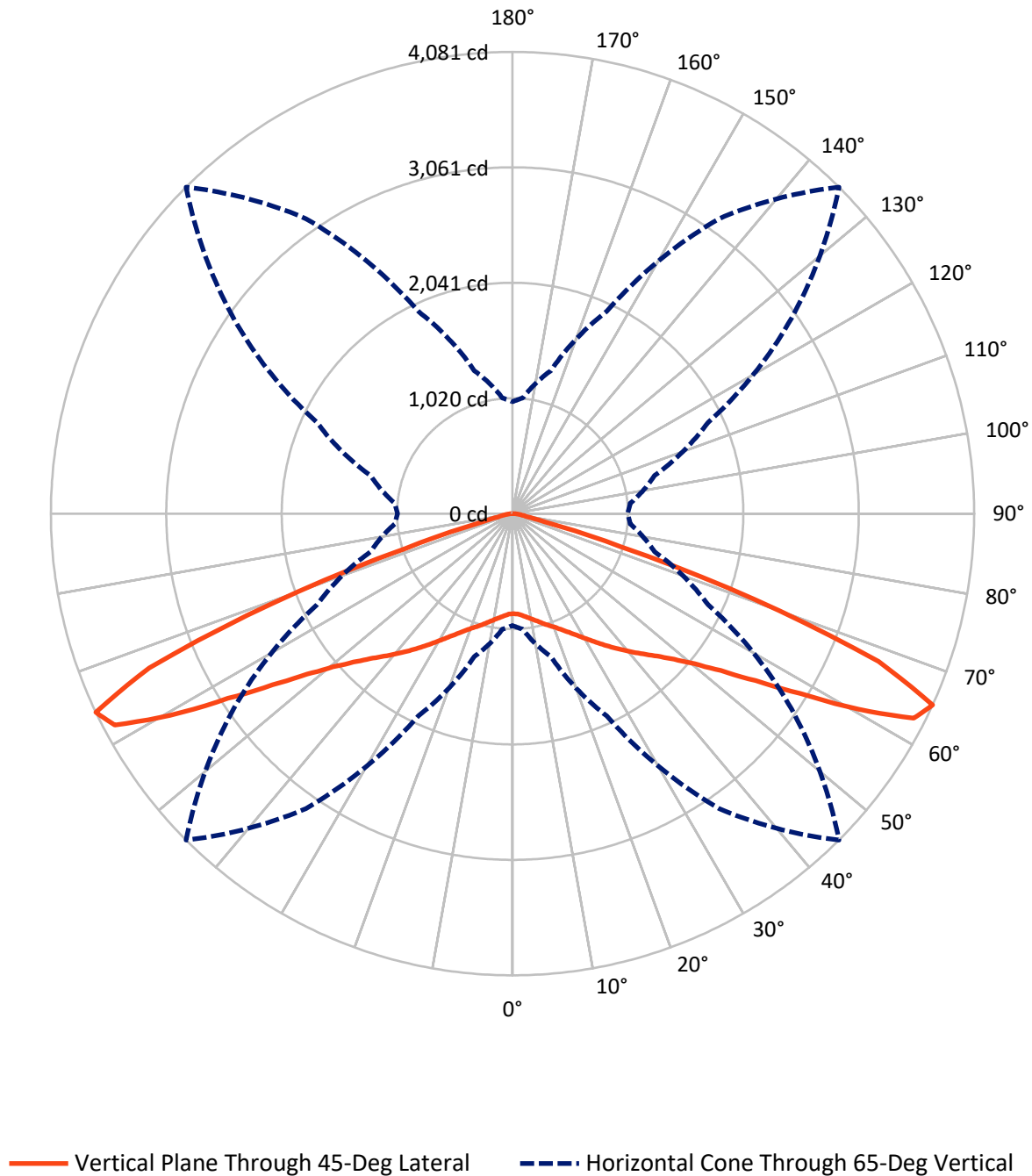
✕ Max cd
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 4 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	3847.7	0.0	3847.7
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	3847.7	0.0	3847.7
	% Fixture	50.0	0.0	50.0
Total	Lumens	7695.3	0.0	7695.3
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	87.6	1.1
10°-20°	286.1	3.7
20°-30°	542.6	7.1
30°-40°	910.0	11.8
40°-50°	1439.9	18.7
50°-60°	2262.1	29.4
60°-70°	1911.3	24.8
70°-80°	222.5	2.9
80°-90°	33.2	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°	7695.3	100.0
0°-180°	7695.3	100.0

Coefficient of Utilization



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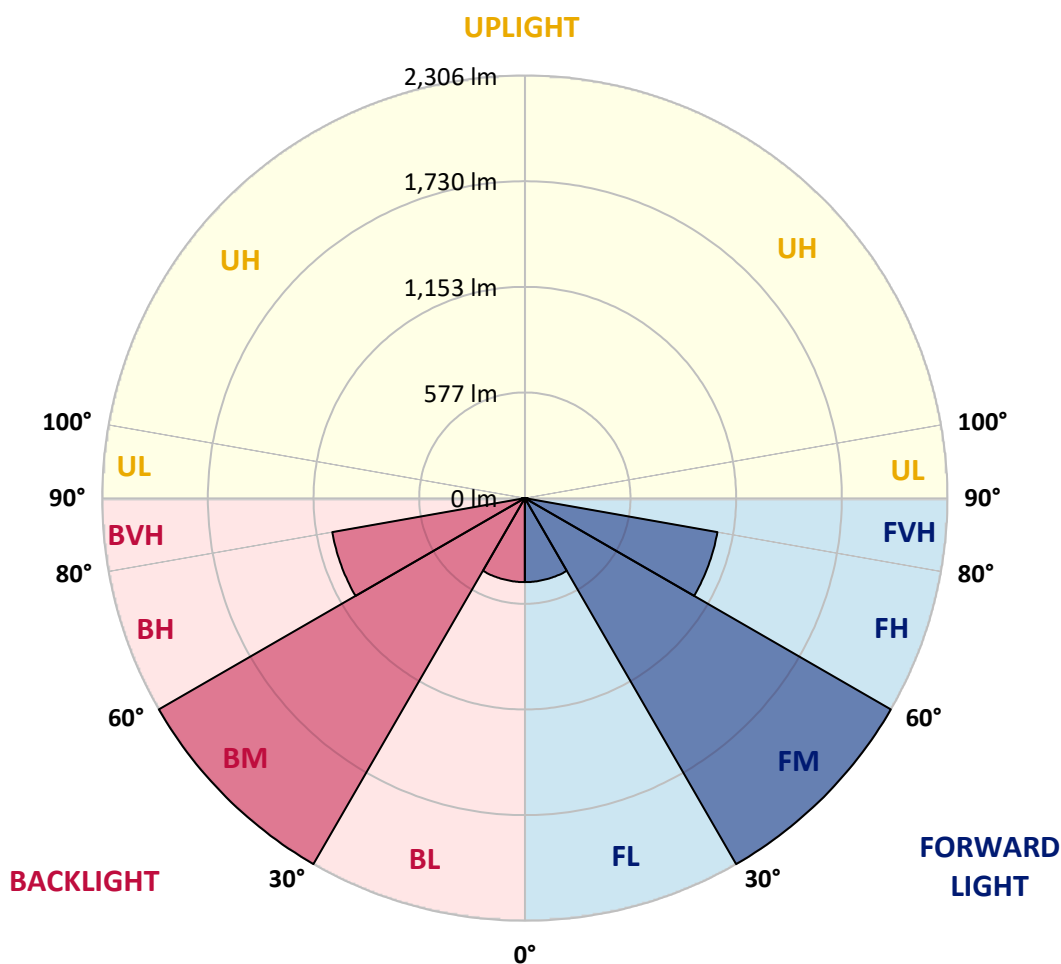
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	458.1	6.0			
FM	(30°-60°)	2306.0	30.0			
FH	(60°-80°)	1066.9	13.9			G1/1800
FVH	(80°-90°)	16.6	0.2			G1/100
BL	(0°-30°)	458.1	6.0	B1/500		
BM	(30°-60°)	2306.0	30.0	B2/2500		
BH	(60°-80°)	1066.9	13.9	B3/2500		G1/1800
BVH	(80°-90°)	16.6	0.2			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°	884.8	884.8	884.8	884.8	884.8	884.8	884.8	884.8	884.8	884.8	884.8
2.5°	889.7	887.0	889.7	889.7	888.1	888.6	886.5	885.9	888.6	886.5	885.9
5°	908.1	905.9	908.1	906.5	903.8	904.3	901.1	900.0	903.2	900.0	900.5
7.5°	929.2	925.4	926.5	928.1	925.4	925.4	922.7	921.1	922.7	919.4	921.6
10°	947.0	943.8	945.4	947.6	947.0	948.6	945.9	944.9	943.2	939.5	942.7
12.5°	970.3	969.2	971.4	974.1	973.0	975.2	969.2	967.6	967.0	962.7	966.5
15°	1000.6	997.9	1001.7	1004.9	1003.3	1007.1	1002.2	1000.0	997.3	991.9	995.2
17.5°	1030.9	1028.7	1034.1	1035.7	1036.3	1039.5	1035.7	1032.5	1031.4	1027.6	1025.5
20°	1067.1	1064.4	1068.7	1072.0	1069.3	1073.0	1071.4	1069.3	1068.2	1062.2	1061.7
22.5°	1107.7	1103.9	1110.4	1114.1	1110.4	1114.1	1110.9	1110.4	1110.9	1102.3	1103.3
25°	1153.1	1153.6	1160.1	1162.8	1160.7	1162.8	1158.0	1161.2	1159.6	1150.4	1147.1
27.5°	1211.5	1209.3	1216.4	1224.5	1219.1	1219.1	1216.9	1220.2	1219.6	1211.0	1208.8
30°	1279.6	1279.1	1289.4	1294.3	1286.7	1283.4	1282.9	1291.0	1291.5	1282.4	1278.6
32.5°	1351.0	1351.0	1363.5	1369.4	1358.6	1356.5	1354.3	1365.1	1363.5	1351.0	1342.9
35°	1429.5	1426.2	1443.0	1451.6	1440.8	1434.3	1433.3	1443.0	1440.8	1423.5	1413.8
37.5°	1506.8	1509.0	1528.4	1538.2	1525.2	1517.1	1519.8	1526.3	1526.8	1507.9	1497.6
40°	1601.5	1602.0	1626.3	1633.9	1617.1	1604.7	1608.5	1623.1	1622.0	1598.8	1585.8
42.5°	1707.5	1705.3	1735.6	1742.1	1719.4	1695.6	1706.9	1729.6	1735.0	1709.1	1695.6
45°	1821.0	1824.3	1855.7	1862.7	1827.0	1796.7	1821.0	1855.1	1862.1	1834.0	1817.3
47.5°	1959.0	1962.7	2000.6	2003.3	1962.7	1923.3	1955.7	2000.1	2002.8	1963.8	1944.4
50°	2116.3	2129.3	2171.5	2176.9	2136.9	2086.1	2132.6	2172.1	2161.8	2109.9	2092.0
52.5°	2294.8	2305.1	2371.1	2393.8	2358.6	2304.0	2341.3	2365.7	2332.7	2264.5	2237.0
55°	2446.8	2464.1	2551.7	2621.0	2647.5	2606.4	2602.0	2566.3	2474.4	2370.5	2341.9
57.5°	2489.5	2506.3	2642.0	2820.5	2977.9	2998.5	2903.3	2724.3	2526.3	2366.2	2337.0
60°	2315.9	2338.6	2537.1	2875.2	3326.8	3512.8	3168.8	2737.8	2391.6	2176.9	2140.1
62.5°	1818.9	1861.1	2117.4	2647.5	3467.4	3981.2	3278.1	2504.7	1985.5	1731.8	1683.1
65°	989.2	1025.5	1308.3	1973.0	3182.4	4081.2	3010.4	1907.0	1298.6	1043.8	1017.3
67.5°	371.0	397.5	527.3	975.2	2249.9	3489.0	2285.1	1092.0	589.5	422.9	385.6
70°	157.9	161.2	190.9	339.7	1022.7	2269.9	1169.9	371.0	196.9	159.0	154.7
72.5°	113.6	114.1	122.2	150.4	311.5	995.7	353.7	155.8	120.1	108.2	108.2
75°	90.9	91.4	96.3	108.7	147.1	293.1	152.5	109.3	93.0	84.9	83.8
77.5°	71.4	72.5	77.3	84.9	98.4	134.1	103.3	86.0	74.6	67.1	66.0
80°	53.0	54.6	61.1	64.9	69.2	89.2	75.2	67.1	59.5	51.4	49.8
82.5°	35.2	36.8	45.4	48.1	47.6	56.2	51.9	51.4	45.4	34.1	32.5
85°	21.1	22.2	29.2	31.4	29.2	27.6	33.0	35.7	31.9	22.2	20.6
87.5°	9.2	9.2	13.0	13.5	13.0	10.3	15.7	18.4	18.9	11.4	10.3
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)