

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: P672384

Luminaire Tested: **CCP-SA-2C-730-U-5WQ**

Issue Date: 04/16/2023

Test Information

Test Method: LM-79-08
Report Number: P672384
Test Lab: INNOVATION CENTER(G2)
Issue Date: 04/16/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: CCP-SA-2C-730-U-5WQ
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @615mA w/ 5WQ
distribution lens
Light Source: (32) 3000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 8629.3 lumens
Efficiency: N/A
Efficacy: 139.0 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type V - Short
BUG Rating: B3 - U0 - G2

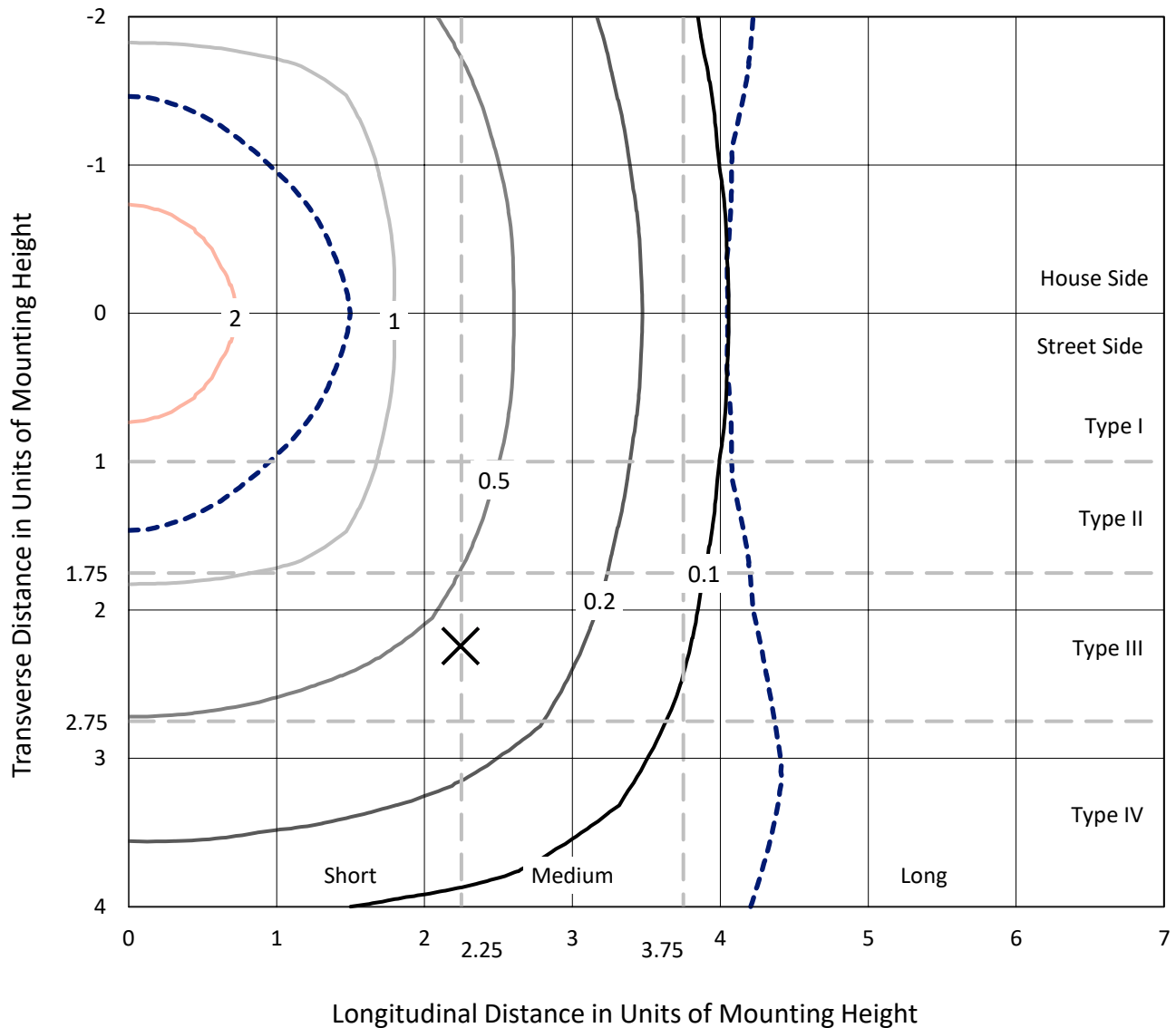
Input Watts (W): 62.1
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT

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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
- - - 1/2 Max cd



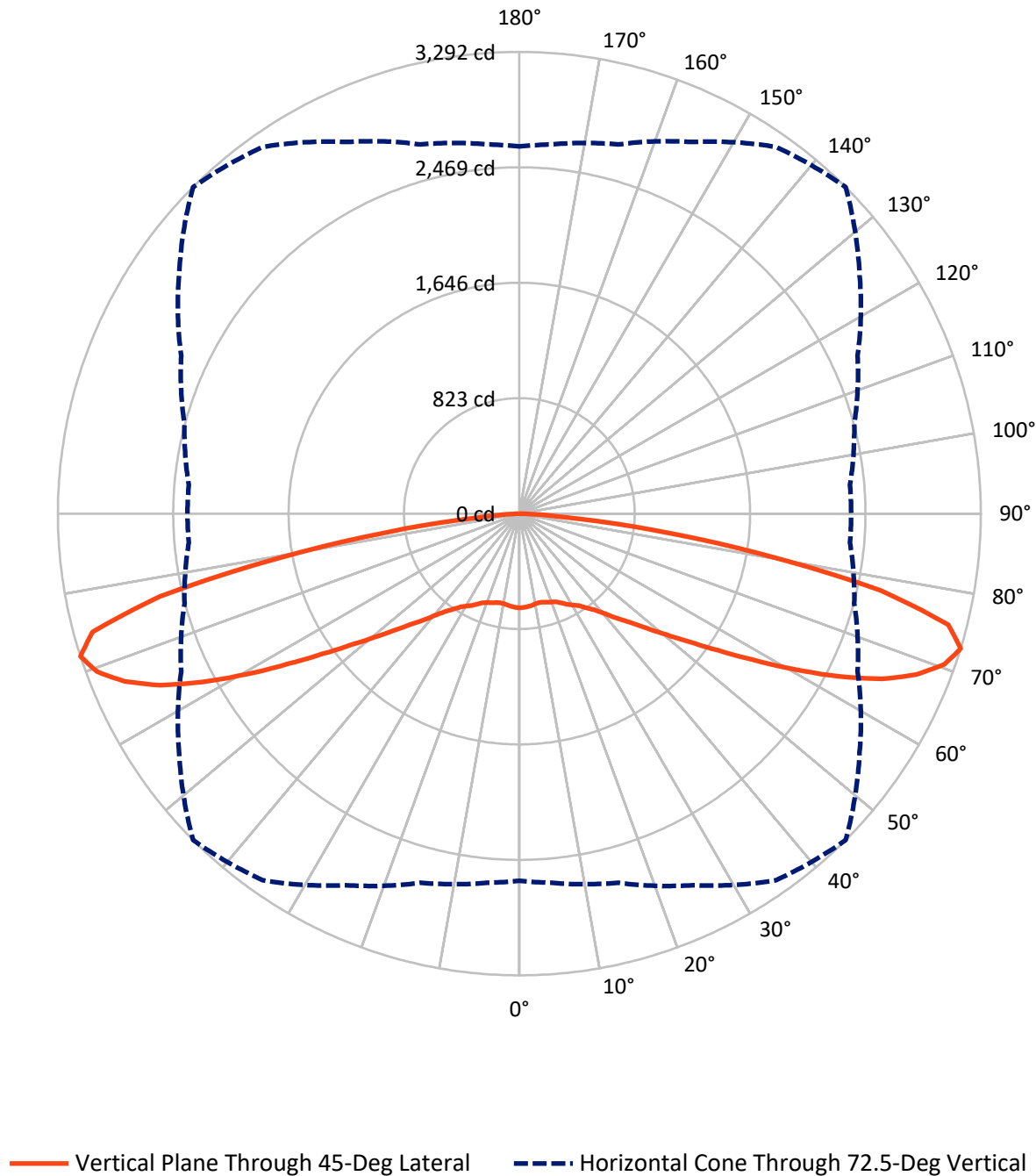
Based on 15 foot mounting height. Maximum calculated value = 3 fc

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	4314.6	0.0	4314.6
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	4314.6	0.0	4314.6
	% Fixture	50.0	0.0	50.0
Total	Lumens	8629.3	0.0	8629.3
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	63.1	0.7
10°-20°	187.4	2.2
20°-30°	329.2	3.8
30°-40°	525.3	6.1
40°-50°	878.3	10.2
50°-60°	1503.0	17.4
60°-70°	2481.2	28.8
70°-80°	2378.1	27.6
80°-90°	283.6	3.3
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°	8629.3	100.0
0°-180°	8629.3	100.0



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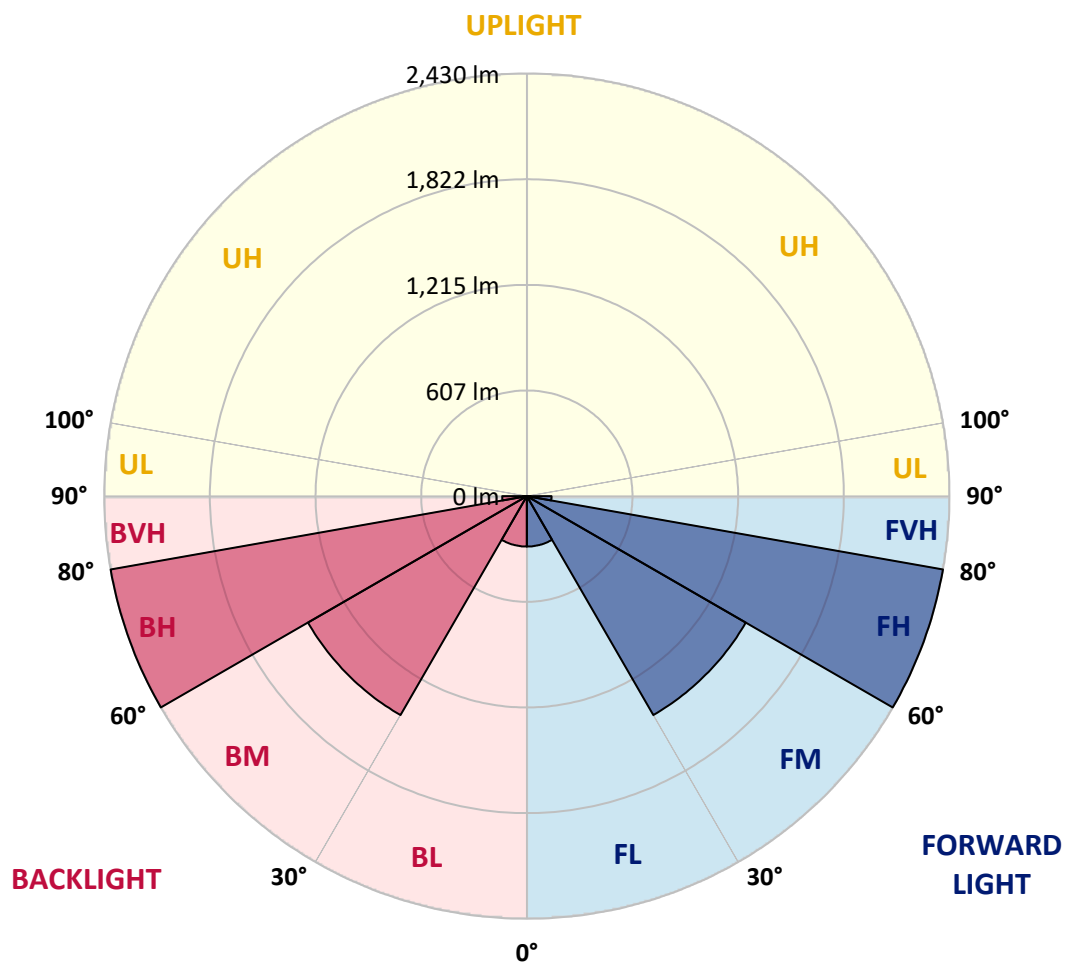
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	289.9	3.4			
FM	(30°-60°)	1453.3	16.8			
FH	(60°-80°)	2429.7	28.2			G2/5000
FVH	(80°-90°)	141.8	1.6			G2/225
BL	(0°-30°)	289.9	3.4	B1/500		
BM	(30°-60°)	1453.3	16.8	B2/2500		
BH	(60°-80°)	2429.7	28.2	B3/2500		G2/5000
BVH	(80°-90°)	141.8	1.6			G2/225
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G2

Type V Short





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	672.0	672.0	672.0	672.0	672.0	672.0	672.0	672.0	672.0	672.0	672.0
2.5°	667.8	667.8	669.6	670.2	669.6	669.0	668.4	667.8	669.6	669.0	669.6
5°	666.0	666.0	666.6	667.2	666.0	665.4	664.1	663.5	664.7	664.7	666.0
7.5°	661.1	660.5	661.1	661.7	659.9	659.3	657.5	657.5	657.5	656.9	658.1
10°	656.9	655.7	655.7	654.5	651.5	652.1	649.7	651.5	654.5	655.1	655.7
12.5°	658.7	657.5	656.3	653.3	649.1	649.7	649.1	650.9	655.1	657.5	659.3
15°	667.2	666.0	662.9	657.5	655.1	655.1	653.9	654.5	660.5	664.1	666.0
17.5°	676.2	673.8	668.4	664.7	662.3	664.1	659.9	659.3	664.1	669.6	671.4
20°	683.4	681.6	675.0	670.8	670.8	672.6	668.4	666.0	671.4	678.0	679.8
22.5°	696.1	694.9	688.2	684.0	684.0	684.6	682.2	680.4	686.4	693.0	694.9
25°	714.1	714.1	707.5	705.7	705.1	706.3	703.3	701.5	706.9	711.7	713.5
27.5°	735.2	733.4	728.0	726.8	729.2	733.4	728.0	723.2	727.4	731.6	732.2
30°	757.5	757.5	752.7	752.7	754.5	756.3	751.5	746.6	750.9	755.7	756.3
32.5°	788.8	787.0	785.2	785.8	785.2	782.8	780.4	779.8	783.4	786.4	787.6
35°	827.3	826.7	824.3	825.5	825.5	825.5	818.3	815.9	821.9	824.3	823.1
37.5°	886.9	886.3	880.3	876.7	872.5	870.7	861.6	861.0	875.5	882.7	881.5
40°	959.8	957.4	952.0	945.9	940.5	936.9	927.9	934.5	949.6	955.0	955.0
42.5°	1039.3	1036.3	1030.2	1027.2	1023.6	1020.0	1008.0	1011.0	1029.0	1034.5	1028.4
45°	1136.8	1132.6	1126.0	1119.4	1113.9	1106.7	1100.7	1103.7	1123.0	1129.6	1124.8
47.5°	1240.4	1239.2	1233.8	1228.3	1223.5	1218.7	1210.9	1216.3	1233.2	1232.0	1222.3
50°	1350.0	1352.4	1353.0	1358.4	1354.8	1355.4	1340.9	1337.9	1351.2	1343.3	1331.3
52.5°	1468.0	1471.6	1484.2	1495.1	1515.0	1517.4	1499.3	1480.0	1477.6	1457.1	1444.5
55°	1604.7	1604.1	1631.8	1661.9	1705.8	1719.7	1679.3	1643.2	1623.3	1583.6	1570.3
57.5°	1759.4	1757.6	1799.8	1852.7	1932.2	1966.5	1892.5	1823.8	1775.7	1728.1	1714.3
60°	1927.4	1931.6	1982.8	2068.9	2206.2	2253.8	2141.8	2028.0	1954.5	1892.5	1887.1
62.5°	2123.7	2124.3	2184.5	2301.3	2479.6	2556.0	2401.9	2247.7	2154.4	2086.4	2071.9
65°	2355.5	2359.7	2424.2	2542.2	2746.9	2841.4	2663.8	2475.9	2365.8	2273.6	2271.8
67.5°	2593.4	2591.0	2650.0	2775.2	2972.7	3060.0	2874.0	2664.4	2521.1	2406.1	2391.0
70°	2745.7	2758.9	2822.8	2942.6	3131.7	3216.6	2990.2	2737.3	2587.3	2482.0	2474.7
72.5°	2617.4	2642.1	2724.6	2923.3	3191.3	3291.8	2962.5	2662.0	2472.9	2367.0	2367.0
75°	2124.9	2165.9	2280.9	2586.7	2985.3	3159.4	2742.7	2329.6	2054.5	1941.3	1941.3
77.5°	1294.6	1333.7	1489.1	1862.4	2410.9	2633.7	2235.7	1754.6	1436.1	1297.6	1279.5
80°	430.5	455.8	608.1	946.5	1480.0	1752.8	1498.1	996.5	643.1	490.1	487.7
82.5°	114.4	124.6	173.4	274.6	642.5	949.6	685.2	328.8	188.5	146.3	134.9
85°	39.7	42.8	73.5	91.5	163.2	314.3	190.9	119.2	91.5	55.4	51.8
87.5°	11.4	12.6	29.5	31.9	47.0	36.7	51.8	47.6	43.4	18.1	16.3
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)