

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: P672747

Luminaire Tested: **CCP-SA-2A-835-U-5NQ**

Issue Date: 04/16/2023

Test Information

Test Method: LM-79-08
Report Number: P672747
Test Lab: INNOVATION CENTER(G2)
Issue Date: 04/16/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: CCP-SA-2A-835-U-5NQ
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @350mA w/ 5NQ
distribution lens
Light Source: (32) 3500K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 4691.8 lumens
Efficiency: N/A
Efficacy: 129.6 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type V - Short
BUG Rating: B2 - U0 - G1

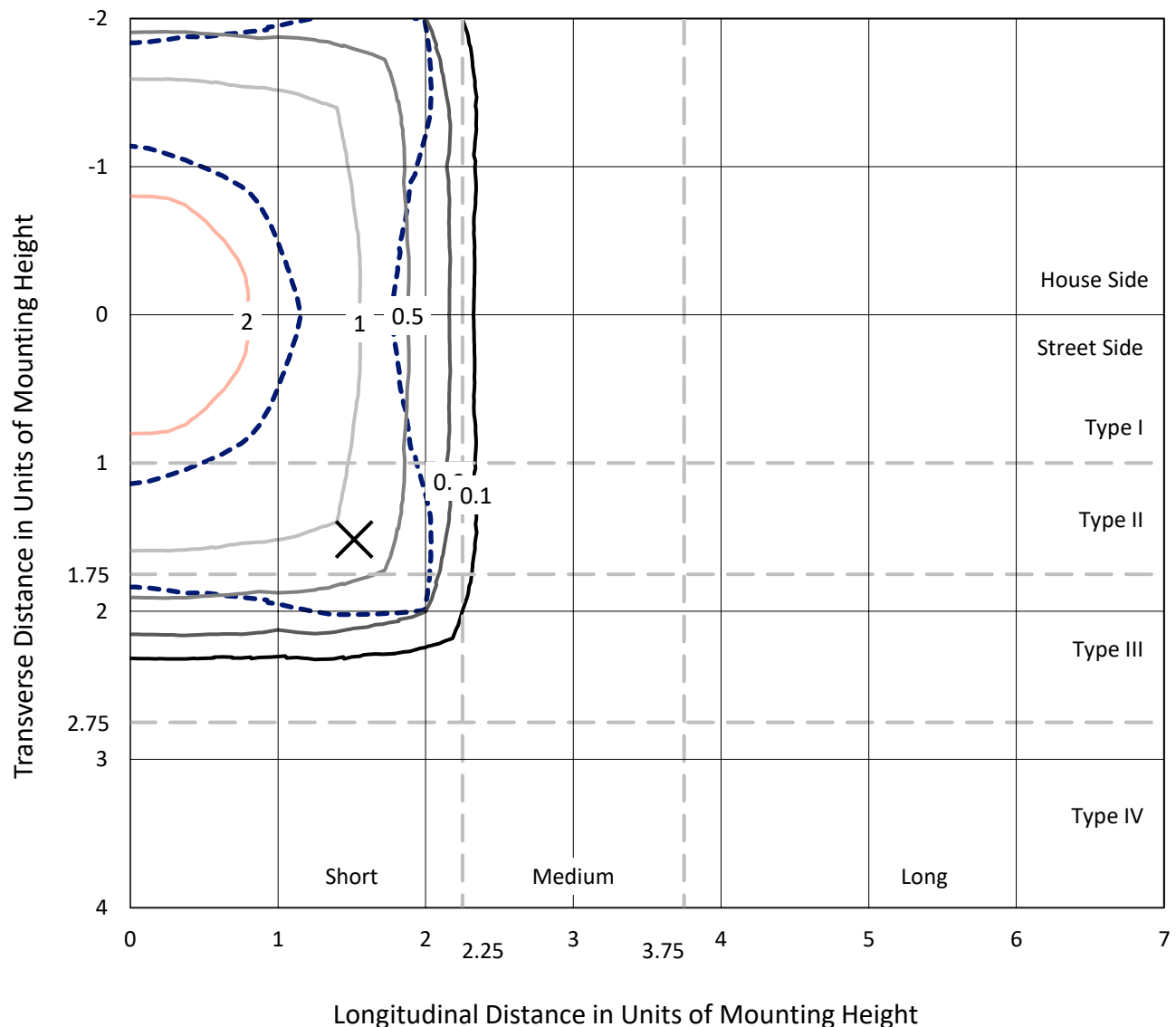
Input Watts (W): 36.2
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT

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Iso-Footcandle Lines of Horizontal Illumination

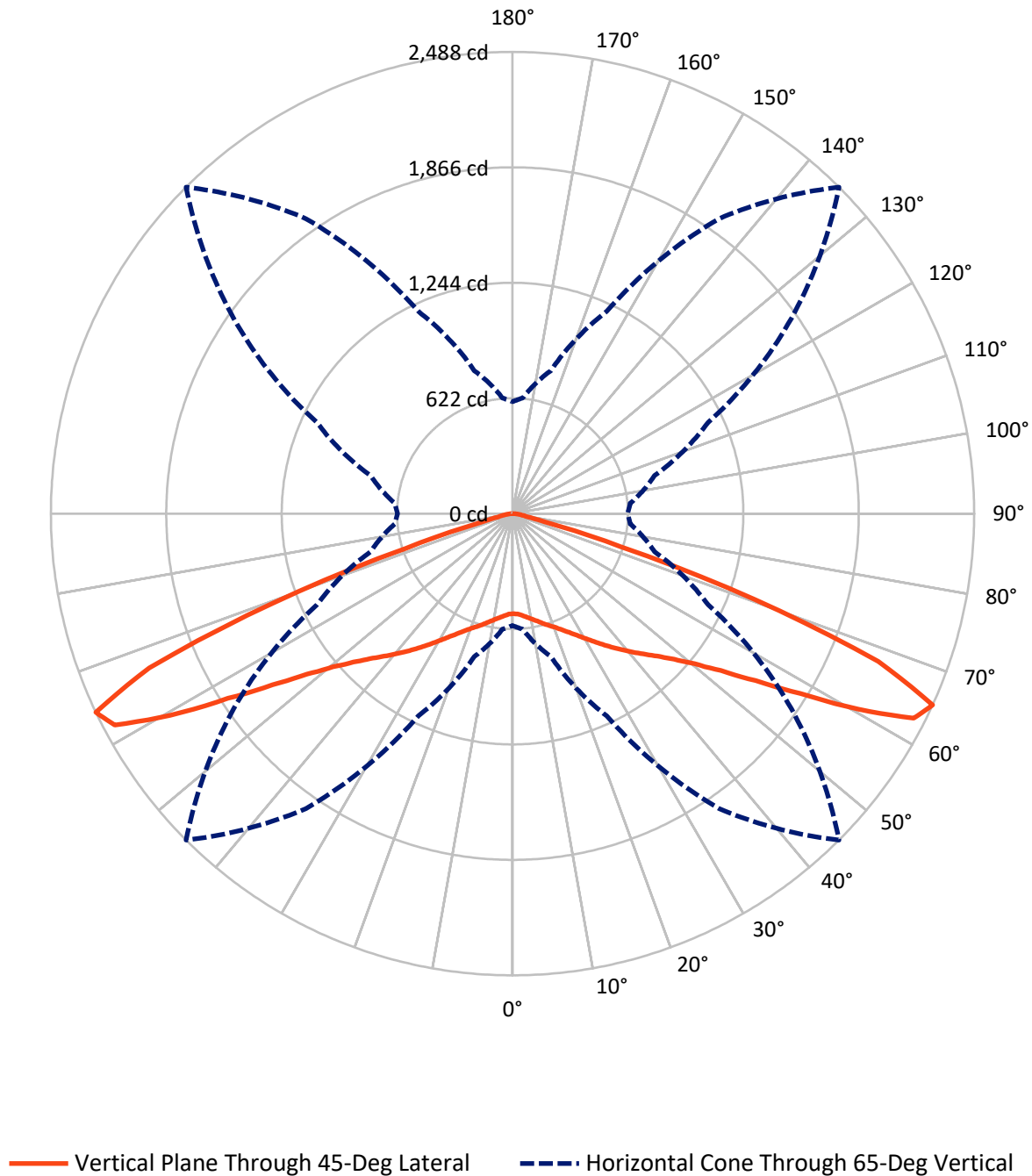
× Max cd
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 2.5 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	2345.9	0.0	2345.9
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	2345.9	0.0	2345.9
	% Fixture	50.0	0.0	50.0
Total	Lumens	4691.8	0.0	4691.8
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	53.4	1.1
10°-20°	174.4	3.7
20°-30°	330.8	7.1
30°-40°	554.8	11.8
40°-50°	877.9	18.7
50°-60°	1379.2	29.4
60°-70°	1165.3	24.8
70°-80°	135.7	2.9
80°-90°	20.2	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°	4691.8	100.0
0°-180°	4691.8	100.0

Coefficient of Utilization



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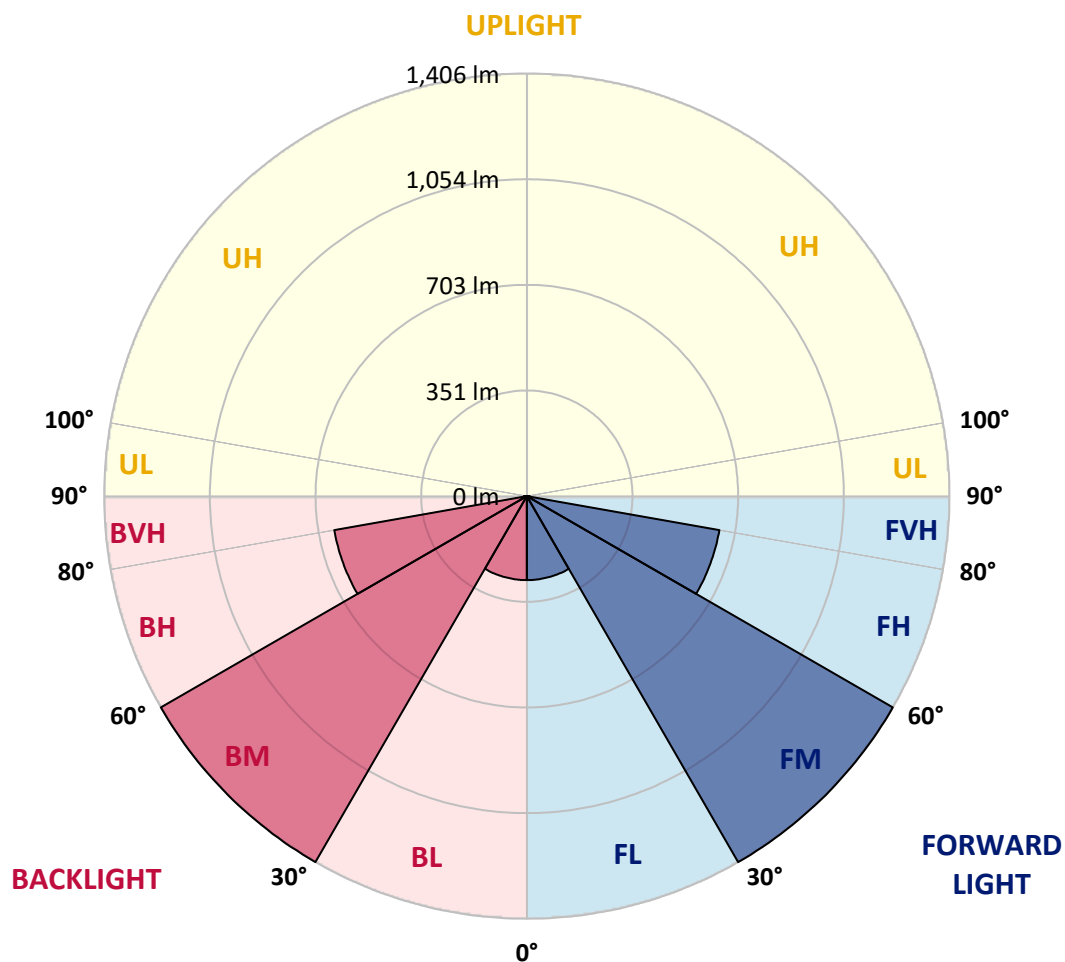
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	279.3	6.0			
FM	(30°-60°)	1405.9	30.0			
FH	(60°-80°)	650.5	13.9			G0/660
FVH	(80°-90°)	10.1	0.2			G1/100
BL	(0°-30°)	279.3	6.0	B1/500		
BM	(30°-60°)	1405.9	30.0	B2/2500		
BH	(60°-80°)	650.5	13.9	B2/1000		G0/660
BVH	(80°-90°)	10.1	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°	539.5	539.5	539.5	539.5	539.5	539.5	539.5	539.5	539.5	539.5	539.5
2.5°	542.4	540.8	542.4	542.4	541.4	541.8	540.5	540.1	541.8	540.5	540.1
5°	553.6	552.3	553.6	552.7	551.0	551.3	549.4	548.7	550.7	548.7	549.0
7.5°	566.5	564.2	564.9	565.9	564.2	564.2	562.6	561.6	562.6	560.6	561.9
10°	577.4	575.4	576.4	577.7	577.4	578.4	576.7	576.1	575.1	572.8	574.8
12.5°	591.6	590.9	592.2	593.9	593.2	594.5	590.9	589.9	589.6	587.0	589.3
15°	610.0	608.4	610.7	612.7	611.7	614.0	611.0	609.7	608.1	604.8	606.7
17.5°	628.5	627.2	630.5	631.5	631.8	633.8	631.5	629.5	628.8	626.5	625.2
20°	650.6	648.9	651.6	653.6	651.9	654.2	653.2	651.9	651.3	647.6	647.3
22.5°	675.3	673.0	677.0	679.3	677.0	679.3	677.3	677.0	677.3	672.0	672.7
25°	703.0	703.4	707.3	709.0	707.6	709.0	706.0	708.0	707.0	701.4	699.4
27.5°	738.6	737.3	741.6	746.6	743.3	743.3	741.9	743.9	743.6	738.3	737.0
30°	780.2	779.9	786.1	789.1	784.5	782.5	782.2	787.1	787.4	781.8	779.5
32.5°	823.7	823.7	831.3	834.9	828.3	827.0	825.7	832.3	831.3	823.7	818.8
35°	871.5	869.6	879.8	885.0	878.5	874.5	873.8	879.8	878.5	867.9	862.0
37.5°	918.7	920.0	931.9	937.8	929.9	924.9	926.6	930.6	930.9	919.3	913.1
40°	976.4	976.7	991.6	996.2	986.0	978.4	980.7	989.6	988.9	974.7	966.8
42.5°	1041.0	1039.7	1058.2	1062.1	1048.3	1033.8	1040.7	1054.5	1057.8	1042.0	1033.8
45°	1110.3	1112.2	1131.4	1135.7	1113.9	1095.4	1110.3	1131.0	1135.3	1118.2	1108.0
47.5°	1194.4	1196.7	1219.7	1221.4	1196.7	1172.6	1192.4	1219.4	1221.1	1197.3	1185.5
50°	1290.3	1298.2	1323.9	1327.2	1302.8	1271.8	1300.2	1324.3	1318.0	1286.4	1275.5
52.5°	1399.1	1405.4	1445.6	1459.5	1438.0	1404.7	1427.5	1442.3	1422.2	1380.7	1363.8
55°	1491.8	1502.3	1555.8	1598.0	1614.1	1589.1	1586.4	1564.7	1508.6	1445.3	1427.8
57.5°	1517.8	1528.1	1610.8	1719.6	1815.6	1828.1	1770.1	1660.9	1540.3	1442.7	1424.8
60°	1412.0	1425.8	1546.9	1752.9	2028.3	2141.7	1932.0	1669.2	1458.2	1327.2	1304.8
62.5°	1108.9	1134.7	1291.0	1614.1	2114.0	2427.3	1998.6	1527.1	1210.5	1055.9	1026.2
65°	603.1	625.2	797.7	1202.9	1940.2	2488.3	1835.4	1162.7	791.7	636.4	620.3
67.5°	226.2	242.4	321.5	594.5	1371.8	2127.2	1393.2	665.8	359.4	257.9	235.1
70°	96.3	98.3	116.4	207.1	623.6	1384.0	713.2	226.2	120.0	96.9	94.3
72.5°	69.2	69.6	74.5	91.7	189.9	607.1	215.7	95.0	73.2	65.9	65.9
75°	55.4	55.7	58.7	66.3	89.7	178.7	93.0	66.6	56.7	51.8	51.1
77.5°	43.5	44.2	47.2	51.8	60.0	81.8	63.0	52.4	45.5	40.9	40.2
80°	32.3	33.3	37.3	39.6	42.2	54.4	45.8	40.9	36.3	31.3	30.3
82.5°	21.4	22.4	27.7	29.3	29.0	34.3	31.7	31.3	27.7	20.8	19.8
85°	12.9	13.5	17.8	19.1	17.8	16.8	20.1	21.8	19.5	13.5	12.5
87.5°	5.6	5.6	7.9	8.2	7.9	6.3	9.6	11.2	11.5	6.9	6.3
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)