

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: P672459

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

Issue Date: 04/16/2023

Test Information

Test Method: LM-79-08
Report Number: P672459
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-5WQ
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @350mA w/ 5WQ
distribution lens
Light Source: (32) 3500K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 4725.5 lumens
Efficiency: N/A
Efficacy: 130.5 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type V - Short
BUG Rating: B3 - U0 - G1

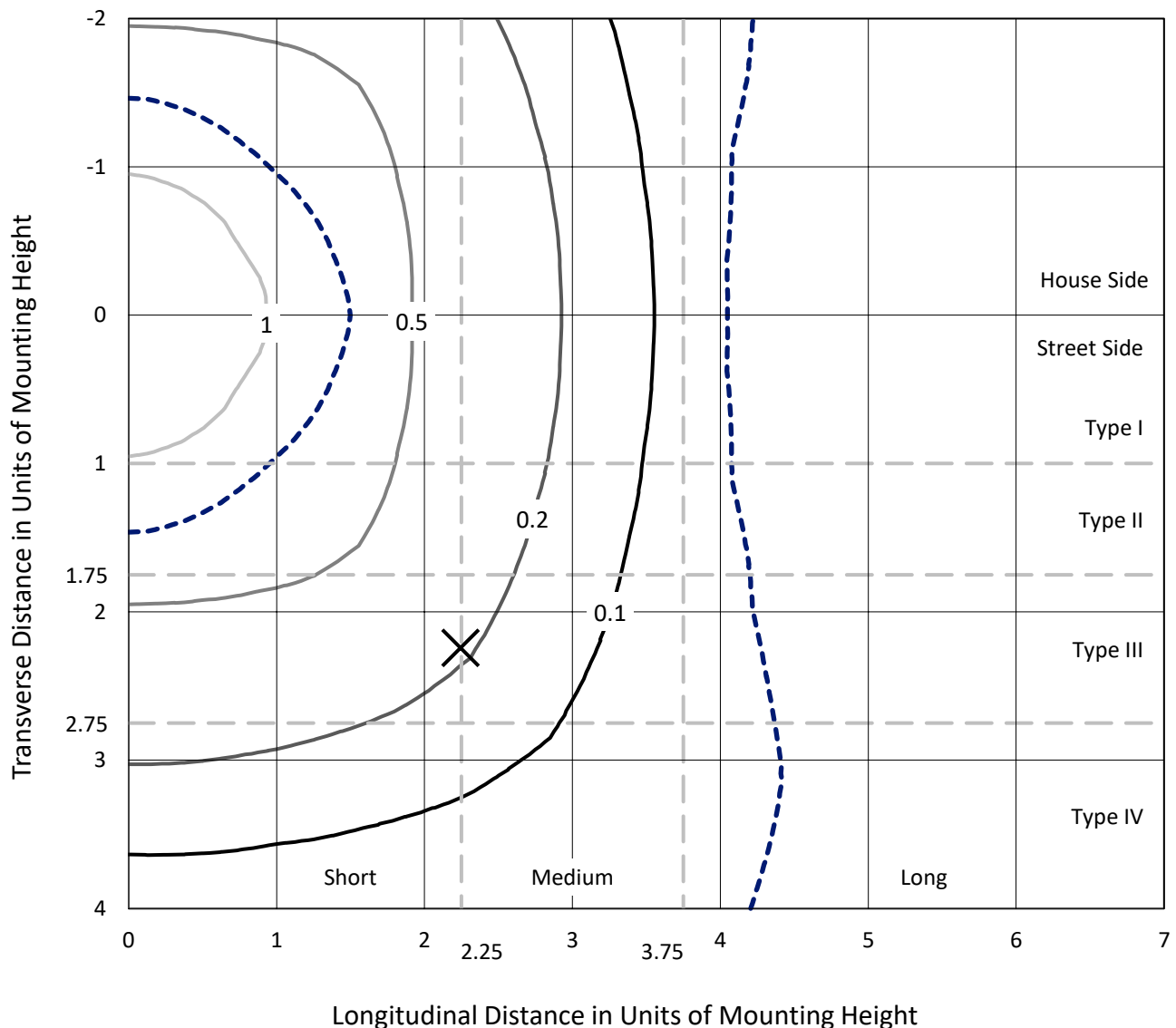
Input Watts (W): 36.2
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT

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Iso-Footcandle Lines of Horizontal Illumination

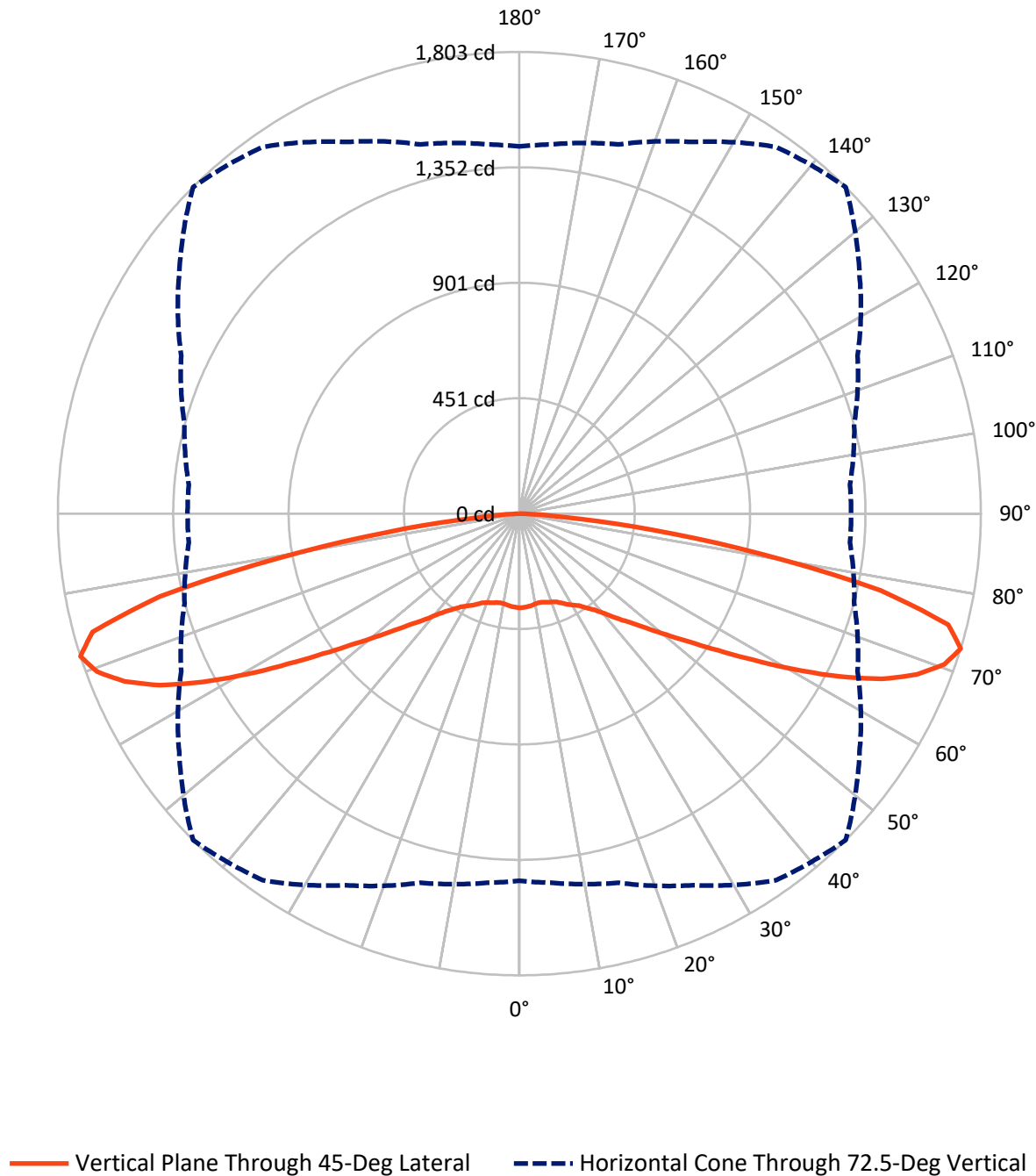
× Max cd
- - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 1.6 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	2362.8	0.0	2362.8
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	2362.8	0.0	2362.8
	% Fixture	50.0	0.0	50.0
Total	Lumens	4725.5	0.0	4725.5
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	34.6	0.7
10°-20°	102.6	2.2
20°-30°	180.3	3.8
30°-40°	287.7	6.1
40°-50°	481.0	10.2
50°-60°	823.1	17.4
60°-70°	1358.7	28.8
70°-80°	1302.3	27.6
80°-90°	155.3	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°	4725.5	100.0
0°-180°	4725.5	100.0



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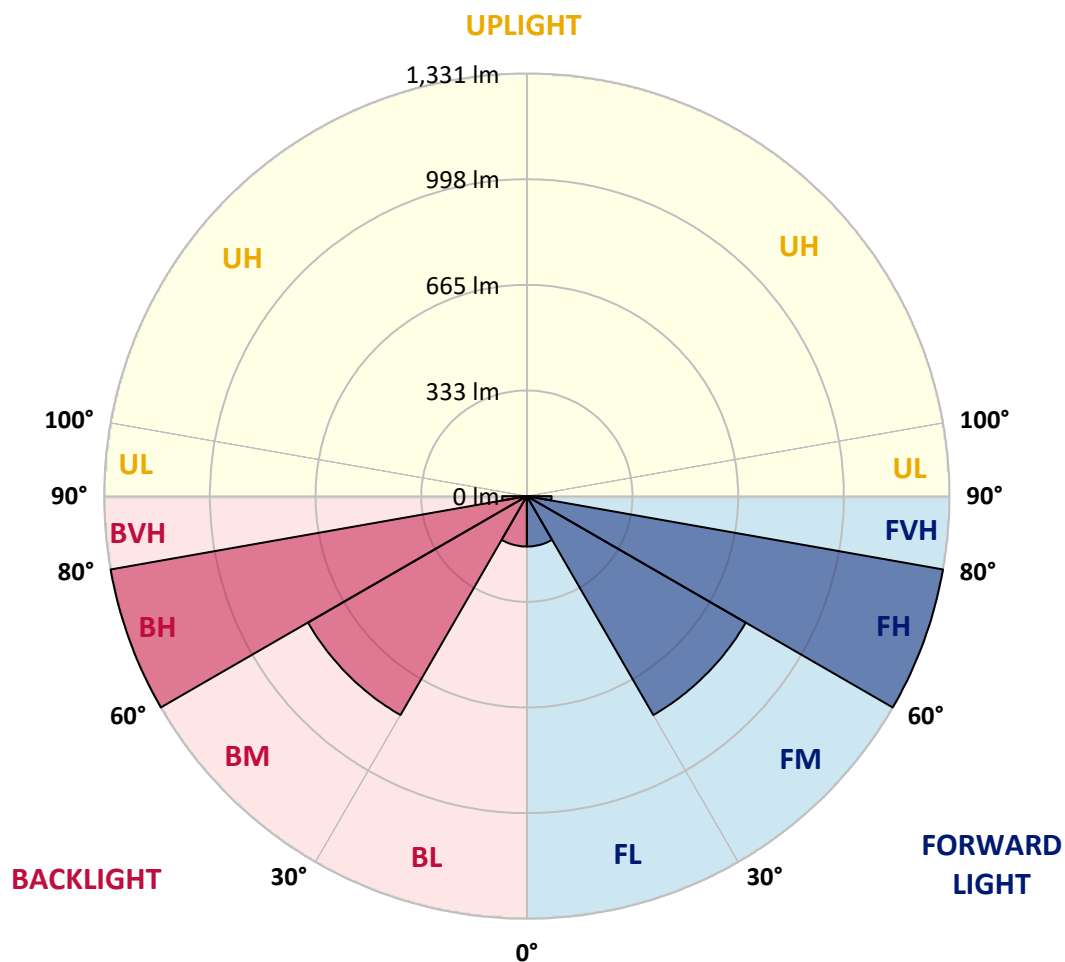
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	158.7	3.4			
FM	(30°-60°)	795.8	16.8			
FH	(60°-80°)	1330.5	28.2			G1/1800
FVH	(80°-90°)	77.7	1.6			G1/100
BL	(0°-30°)	158.7	3.4	B1/500		
BM	(30°-60°)	795.8	16.8	B1/1000		
BH	(60°-80°)	1330.5	28.2	B3/2500		G1/1800
BVH	(80°-90°)	77.7	1.6			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°	368.0	368.0	368.0	368.0	368.0	368.0	368.0	368.0	368.0	368.0	368.0
2.5°	365.7	365.7	366.7	367.0	366.7	366.3	366.0	365.7	366.7	366.3	366.7
5°	364.7	364.7	365.0	365.3	364.7	364.4	363.7	363.4	364.0	364.0	364.7
7.5°	362.0	361.7	362.0	362.4	361.4	361.1	360.1	360.1	360.1	359.7	360.4
10°	359.7	359.1	359.1	358.4	356.8	357.1	355.8	356.8	358.4	358.7	359.1
12.5°	360.7	360.1	359.4	357.8	355.5	355.8	355.5	356.4	358.7	360.1	361.1
15°	365.3	364.7	363.0	360.1	358.7	358.7	358.1	358.4	361.7	363.7	364.7
17.5°	370.3	369.0	366.0	364.0	362.7	363.7	361.4	361.1	363.7	366.7	367.7
20°	374.2	373.3	369.6	367.3	367.3	368.3	366.0	364.7	367.7	371.3	372.3
22.5°	381.2	380.5	376.9	374.6	374.6	374.9	373.6	372.6	375.9	379.5	380.5
25°	391.1	391.1	387.4	386.4	386.1	386.8	385.1	384.1	387.1	389.7	390.7
27.5°	402.6	401.6	398.6	398.0	399.3	401.6	398.6	396.0	398.3	400.6	401.0
30°	414.8	414.8	412.2	412.2	413.2	414.1	411.5	408.9	411.2	413.8	414.1
32.5°	432.0	431.0	430.0	430.3	430.0	428.7	427.3	427.0	429.0	430.6	431.3
35°	453.1	452.7	451.4	452.1	452.1	452.1	448.1	446.8	450.1	451.4	450.7
37.5°	485.7	485.4	482.1	480.1	477.8	476.8	471.8	471.5	479.4	483.4	482.7
40°	525.6	524.3	521.3	518.0	515.0	513.1	508.1	511.7	520.0	523.0	523.0
42.5°	569.1	567.5	564.2	562.5	560.5	558.6	552.0	553.6	563.5	566.5	563.2
45°	622.5	620.2	616.6	613.0	610.0	606.1	602.8	604.4	615.0	618.6	615.9
47.5°	679.3	678.6	675.6	672.7	670.0	667.4	663.1	666.1	675.3	674.6	669.4
50°	739.3	740.6	740.9	743.9	741.9	742.2	734.3	732.7	739.9	735.6	729.0
52.5°	803.9	805.9	812.8	818.7	829.6	830.9	821.0	810.5	809.2	798.0	791.0
55°	878.7	878.4	893.6	910.1	934.1	941.7	919.6	899.8	889.0	867.2	859.9
57.5°	963.5	962.5	985.6	1014.6	1058.1	1076.9	1036.4	998.8	972.4	946.3	938.8
60°	1055.5	1057.8	1085.8	1133.0	1208.1	1234.2	1172.9	1110.5	1070.3	1036.4	1033.4
62.5°	1163.0	1163.3	1196.3	1260.2	1357.8	1399.7	1315.3	1230.9	1179.8	1142.5	1134.6
65°	1289.9	1292.2	1327.5	1392.1	1504.2	1556.0	1458.7	1355.9	1295.5	1245.1	1244.1
67.5°	1420.2	1418.8	1451.2	1519.7	1627.9	1675.7	1573.8	1459.1	1380.6	1317.6	1309.4
70°	1503.6	1510.8	1545.8	1611.4	1714.9	1761.4	1637.5	1499.0	1416.9	1359.2	1355.2
72.5°	1433.4	1446.9	1492.0	1600.9	1747.6	1802.7	1622.3	1457.8	1354.2	1296.2	1296.2
75°	1163.6	1186.1	1249.0	1416.5	1634.8	1730.1	1501.9	1275.7	1125.1	1063.1	1063.1
77.5°	708.9	730.4	815.4	1019.9	1320.3	1442.3	1224.3	960.8	786.4	710.6	700.7
80°	235.8	249.6	333.0	518.3	810.5	959.9	820.4	545.7	352.2	268.4	267.1
82.5°	62.6	68.3	95.0	150.4	351.8	520.0	375.2	180.0	103.2	80.1	73.9
85°	21.8	23.4	40.2	50.1	89.4	172.1	104.5	65.3	50.1	30.3	28.4
87.5°	6.3	6.9	16.2	17.5	25.7	20.1	28.4	26.0	23.7	9.9	8.9
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)