

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: P672504

Luminaire Tested: **CCP-SA-2A-722-U-5MQ**

Issue Date: 04/16/2023



Test Information

Test Method: LM-79-08
Report Number: P672504
Test Lab: INNOVATION CENTER(G2)
Issue Date: 04/16/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: CCP-SA-2A-722-U-5MQ
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @350mA w/ 5MQ distribution lens
Light Source: (32) 2200K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 4160.4 lumens
Efficiency: N/A
Efficacy: 114.9 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type V - Short
BUG Rating: B2 - U0 - G1

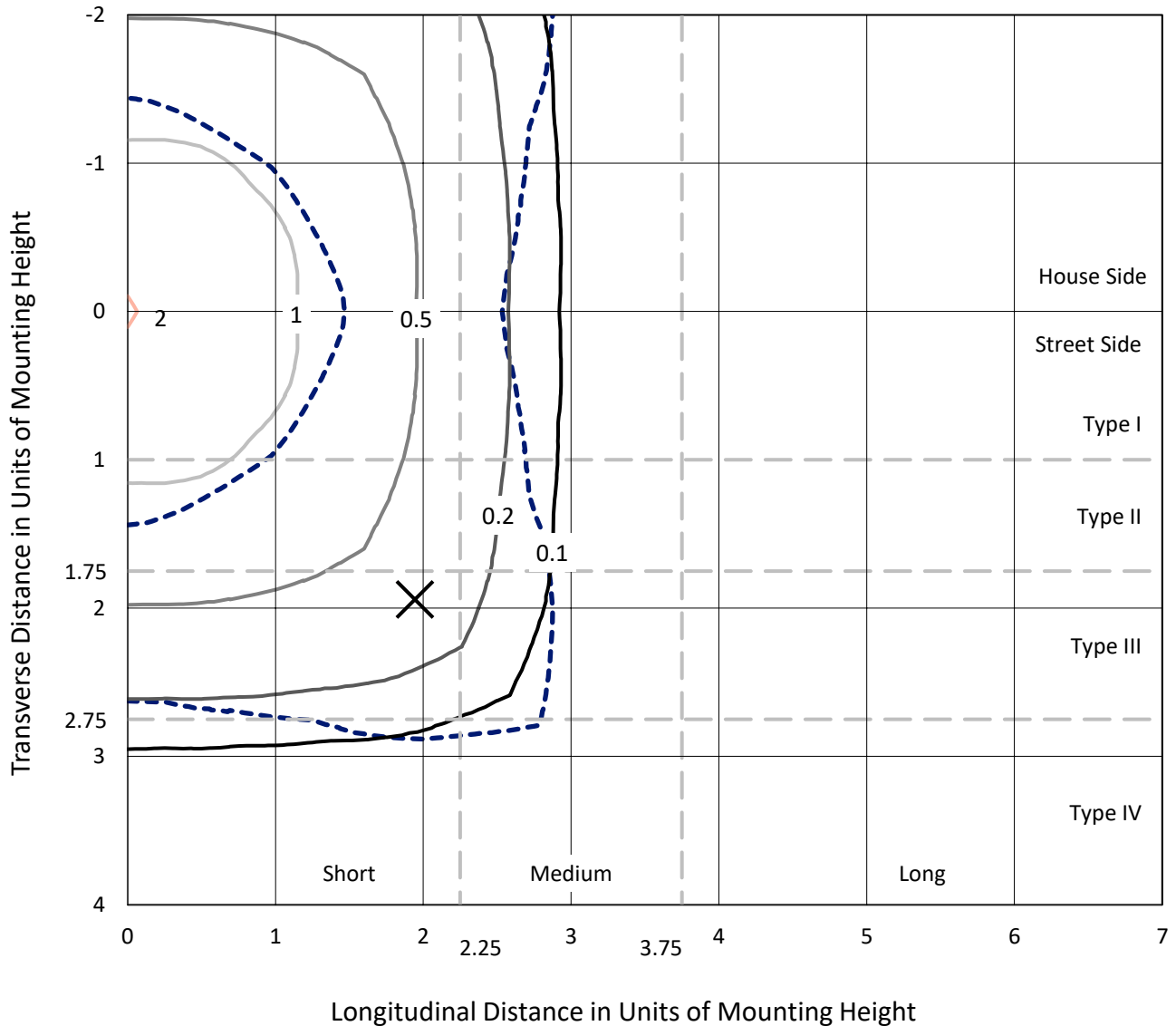
Input Watts (W): 36.2
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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Iso-Footcandle Lines of Horizontal Illumination

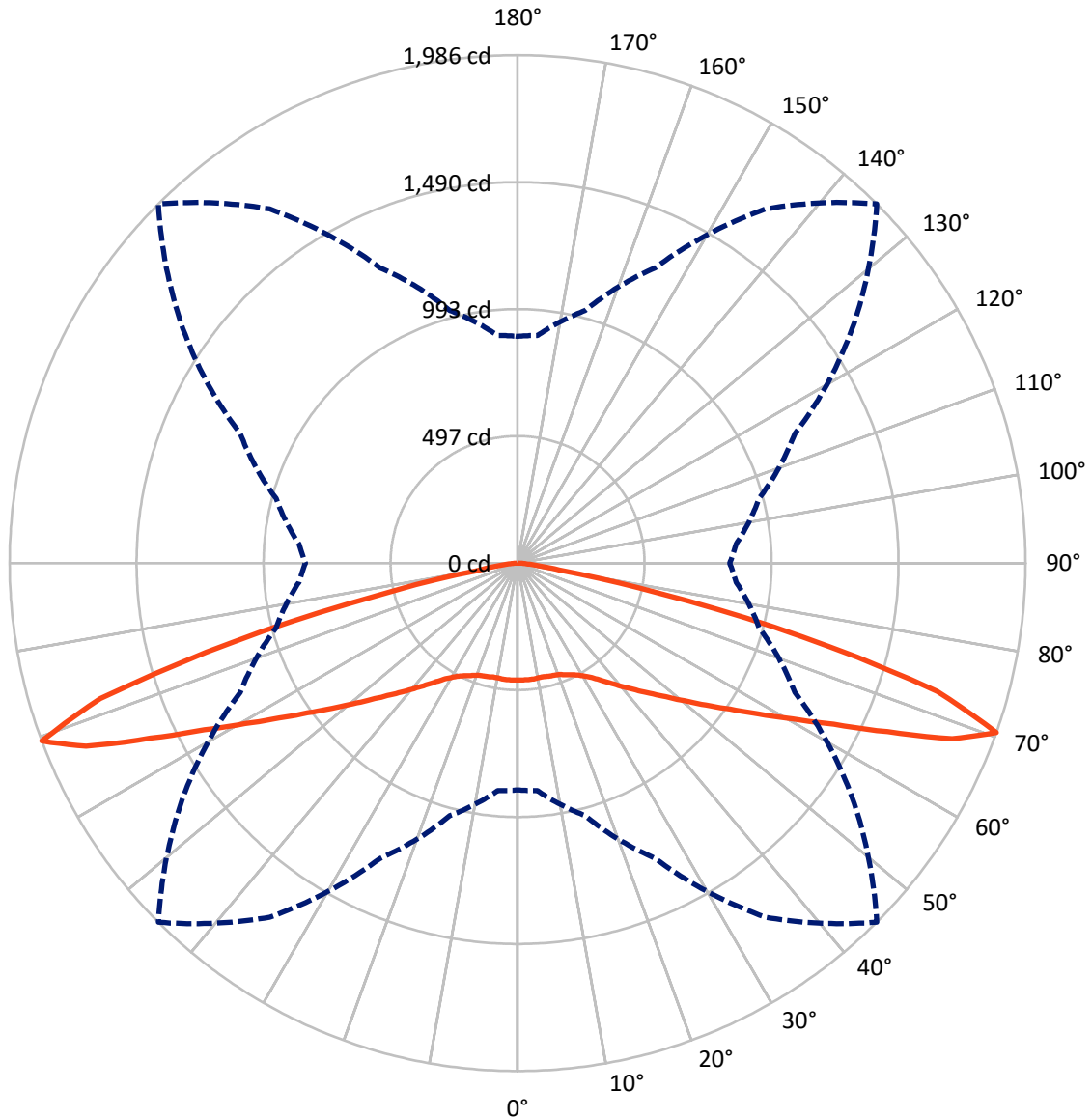
× Max cd
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 2 fc
 Type V - Short - N/A

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Luminous Intensity Polar Plot



— Vertical Plane Through 45-Deg Lateral - - - Horizontal Cone Through 70-Deg Vertical

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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2080.2	0.0	2080.2
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	2080.2	0.0	2080.2
	% Fixture	50.0	0.0	50.0
Total	Lumens	4160.4	0.0	4160.4
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	43.5	1.0
10°-20°	128.8	3.1
20°-30°	220.0	5.3
30°-40°	351.0	8.4
40°-50°	566.4	13.6
50°-60°	907.0	21.8
60°-70°	1327.8	31.9
70°-80°	583.9	14.0
80°-90°	32.0	0.8
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°	4160.4	100.0
0°-180°	4160.4	100.0



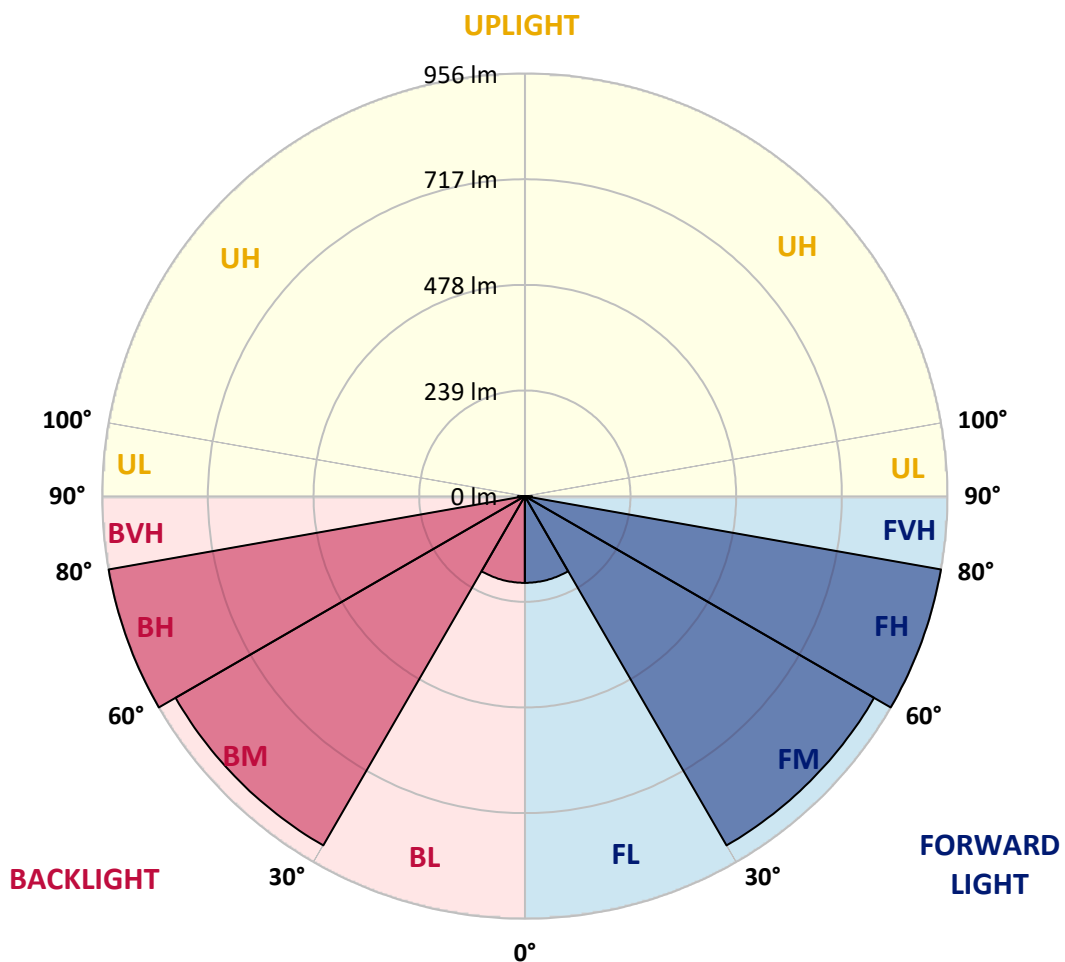
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	196.1	4.7			
FM (30°-60°)	912.2	21.9			
FH (60°-80°)	955.8	23.0			G1/1800
FVH (80°-90°)	16.0	0.4			G1/100
BL (0°-30°)	196.1	4.7	B1/500		
BM (30°-60°)	912.2	21.9	B1/1000		
BH (60°-80°)	955.8	23.0	B2/1000		G1/1800
BVH (80°-90°)	16.0	0.4			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°	457.5	457.5	457.5	457.5	457.5	457.5	457.5	457.5	457.5	457.5	457.5
2.5°	456.9	456.6	457.2	457.5	456.9	457.2	455.4	455.4	456.3	455.4	456.6
5°	459.0	458.4	459.0	459.0	457.5	457.5	455.4	454.9	455.4	454.0	455.1
7.5°	459.3	458.1	459.0	458.7	457.5	457.5	454.6	453.4	453.7	452.2	453.1
10°	456.3	455.7	456.9	456.3	455.4	455.4	453.1	451.3	451.3	449.8	450.7
12.5°	454.6	454.0	455.4	455.7	455.1	455.4	452.5	450.1	449.2	447.5	448.1
15°	454.6	453.4	455.7	456.3	456.9	459.0	454.6	450.4	448.7	446.3	446.9
17.5°	454.3	453.7	456.3	458.4	459.0	461.3	456.3	451.9	449.8	446.3	446.9
20°	454.3	454.0	457.2	461.0	462.8	464.9	459.6	455.4	451.9	448.1	448.1
22.5°	455.7	455.4	459.9	465.5	470.5	474.0	467.8	461.0	456.3	451.3	450.7
25°	461.9	461.3	466.6	473.4	480.2	483.7	477.5	470.8	464.0	458.4	457.8
27.5°	474.6	474.3	479.6	487.9	492.6	495.2	489.9	484.0	477.3	470.8	470.5
30°	491.7	491.7	498.5	507.0	509.7	511.7	506.4	502.3	495.2	488.2	487.6
32.5°	512.3	513.5	521.5	530.9	532.7	533.9	528.3	525.6	517.9	510.3	509.1
35°	539.5	539.7	549.5	558.9	561.3	562.4	556.0	553.6	546.5	538.3	536.5
37.5°	573.9	573.1	582.2	592.8	595.2	596.6	591.3	589.6	580.7	572.5	569.8
40°	612.6	613.1	623.5	633.5	635.0	635.6	632.9	630.2	622.0	612.6	609.3
42.5°	657.4	657.4	669.5	681.2	681.2	678.3	677.1	676.5	668.6	658.0	654.4
45°	708.7	709.2	724.3	733.1	733.7	725.8	726.9	730.5	722.8	709.2	704.5
47.5°	765.0	765.8	783.5	793.3	791.5	781.2	787.7	789.4	780.6	763.2	757.0
50°	824.2	826.9	846.6	863.7	861.4	846.3	854.9	855.5	841.0	821.0	812.4
52.5°	888.2	894.4	920.6	938.9	941.2	922.4	929.7	929.2	910.6	883.2	877.6
55°	967.5	971.0	997.0	1022.9	1031.7	1008.5	1016.7	1012.6	987.5	956.3	946.8
57.5°	1046.8	1052.1	1085.4	1114.6	1132.3	1112.5	1114.3	1103.7	1072.1	1034.4	1029.7
60°	1140.8	1143.2	1180.0	1218.0	1248.7	1236.9	1228.7	1206.5	1169.4	1131.7	1124.9
62.5°	1217.7	1222.5	1277.3	1333.3	1385.2	1387.2	1362.2	1329.2	1269.9	1206.8	1193.3
65°	1239.0	1246.6	1323.6	1434.1	1542.0	1590.1	1521.4	1420.6	1288.2	1193.0	1172.6
67.5°	1140.2	1155.0	1264.9	1448.6	1687.9	1832.1	1648.1	1377.2	1192.4	1081.3	1061.8
70°	886.7	893.2	1022.3	1274.3	1690.3	1986.0	1597.1	1195.9	977.5	858.1	829.5
72.5°	471.1	474.3	590.7	858.1	1375.5	1715.6	1319.7	836.9	575.4	466.9	434.2
75°	152.1	156.2	203.4	351.4	758.8	1152.9	778.2	348.1	198.4	160.1	151.5
77.5°	77.5	77.2	85.8	113.2	255.3	565.1	270.0	122.0	85.8	76.9	74.6
80°	48.3	47.5	53.9	61.9	89.3	165.1	97.0	68.4	54.2	46.6	46.3
82.5°	27.4	27.4	36.3	39.8	50.4	68.1	56.6	46.9	37.1	27.7	26.8
85°	15.3	13.6	22.7	25.1	28.9	33.6	34.5	30.4	25.1	15.3	15.9
87.5°	5.6	6.2	10.6	10.0	11.5	8.0	14.1	15.9	14.1	7.4	6.2
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)