

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: P672498

Luminaire Tested: **CCP-SA-1A-722-U-5MQ**

Issue Date: 04/16/2023



Test Information

Test Method: LM-79-08
Report Number: P672498
Test Lab: INNOVATION CENTER(G2)
Issue Date: 04/16/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: CCP-SA-1A-722-U-5MQ
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @350mA w/ 5MQ
distribution lens
Light Source: (16) 2200K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 2080.2 lumens
Efficiency: N/A
Efficacy: 115.6 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification: Type V - Short
BUG Rating: B1 - U0 - G0

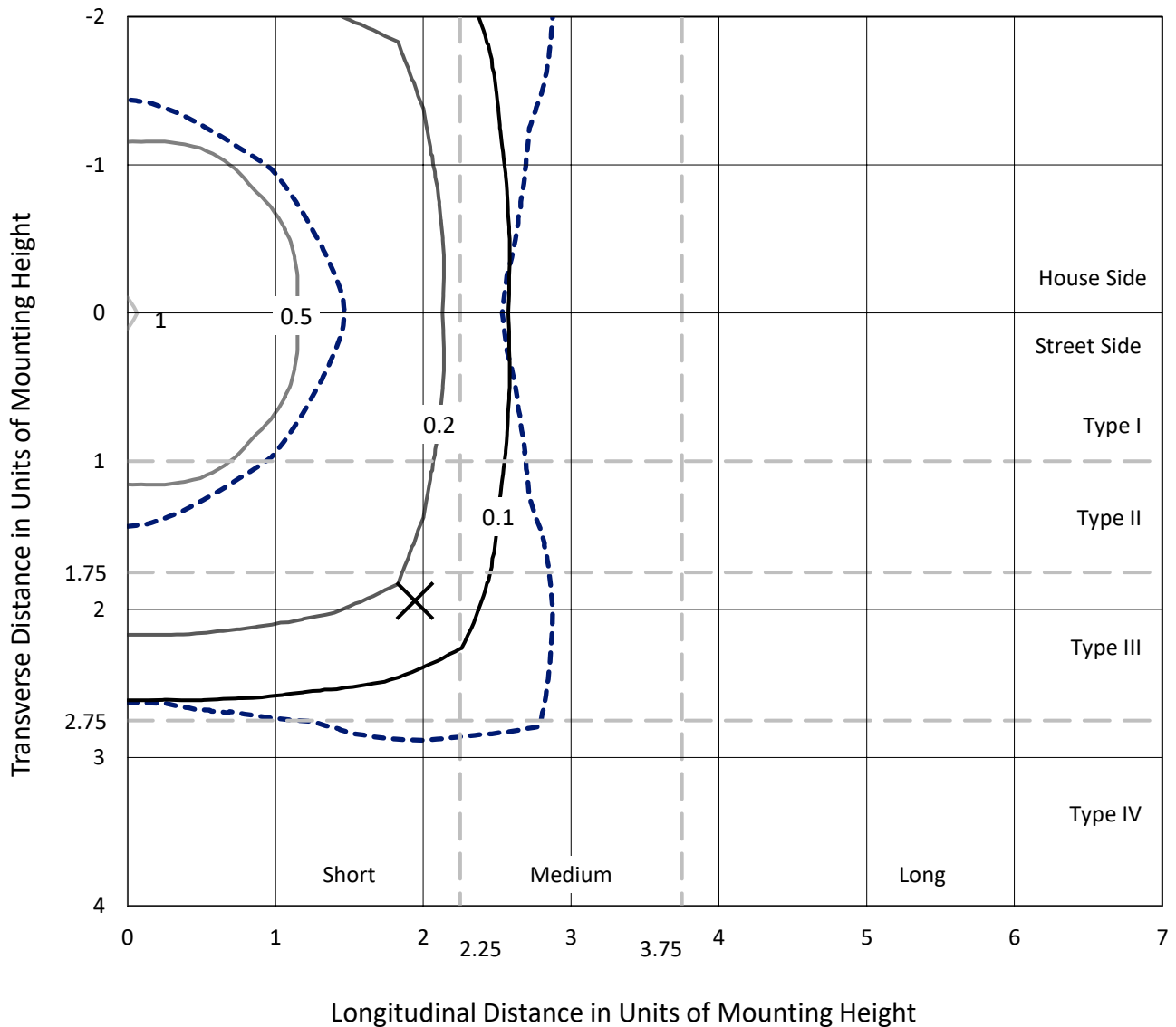
Input Watts (W): 18
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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Iso-Footcandle Lines of Horizontal Illumination

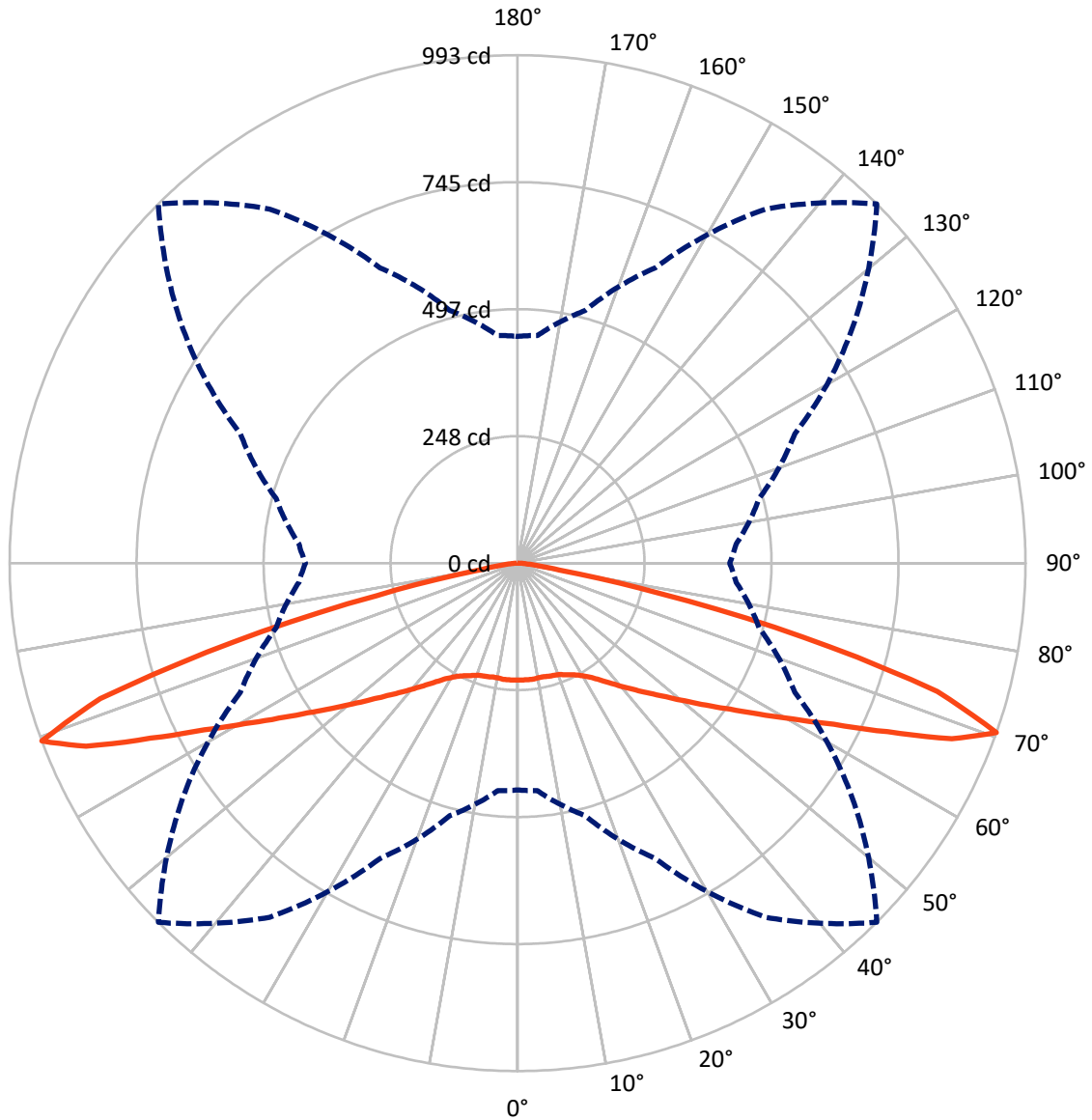
× Max cd
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 1 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	1040.1	0.0	1040.1
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	1040.1	0.0	1040.1
	% Fixture	50.0	0.0	50.0
Total	Lumens	2080.2	0.0	2080.2
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	21.8	1.0
10°-20°	64.4	3.1
20°-30°	110.0	5.3
30°-40°	175.5	8.4
40°-50°	283.2	13.6
50°-60°	453.5	21.8
60°-70°	663.9	31.9
70°-80°	292.0	14.0
80°-90°	16.0	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°	2080.2	100.0
0°-180°	2080.2	100.0



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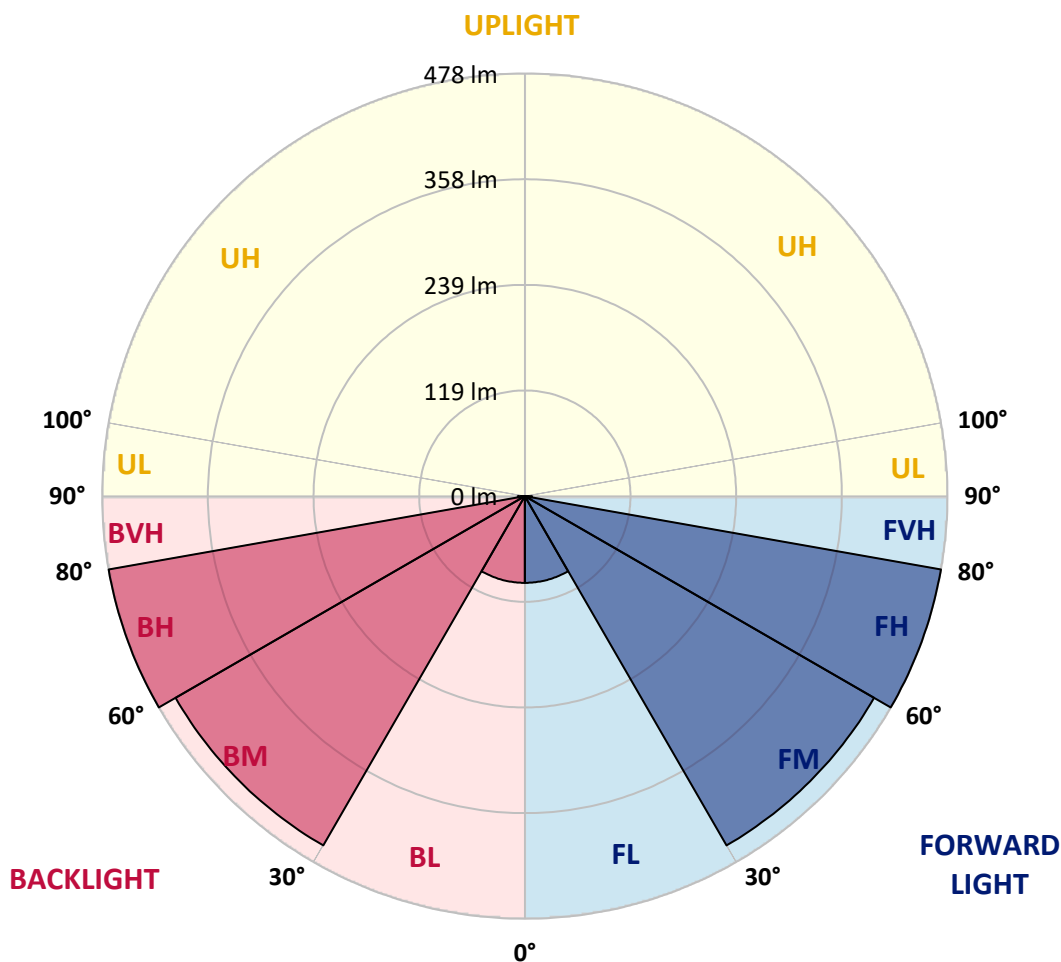
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	98.1	4.7			
FM (30°-60°)	456.1	21.9			
FH (60°-80°)	477.9	23.0			G0/660
FVH (80°-90°)	8.0	0.4			G0/10
BL (0°-30°)	98.1	4.7	B0/110		
BM (30°-60°)	456.1	21.9	B1/1000		
BH (60°-80°)	477.9	23.0	B1/500		G0/660
BVH (80°-90°)	8.0	0.4			G0/10
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

BUG Rating: B1-U0-G0

Type V Short





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	228.8	228.8	228.8	228.8	228.8	228.8	228.8	228.8	228.8	228.8	228.8
2.5°	228.5	228.3	228.6	228.8	228.5	228.6	227.7	227.7	228.2	227.7	228.3
5°	229.5	229.2	229.5	229.5	228.8	228.8	227.7	227.4	227.7	227.0	227.6
7.5°	229.6	229.0	229.5	229.3	228.8	228.8	227.3	226.7	226.8	226.1	226.5
10°	228.2	227.9	228.5	228.2	227.7	227.7	226.5	225.7	225.7	224.9	225.4
12.5°	227.3	227.0	227.7	227.9	227.6	227.7	226.2	225.1	224.6	223.7	224.0
15°	227.3	226.7	227.9	228.2	228.5	229.5	227.3	225.2	224.3	223.2	223.4
17.5°	227.1	226.8	228.2	229.2	229.5	230.7	228.2	226.0	224.9	223.2	223.4
20°	227.1	227.0	228.6	230.5	231.4	232.4	229.8	227.7	226.0	224.0	224.0
22.5°	227.9	227.7	229.9	232.7	235.2	237.0	233.9	230.5	228.2	225.7	225.4
25°	231.0	230.7	233.3	236.7	240.1	241.9	238.8	235.4	232.0	229.2	228.9
27.5°	237.3	237.2	239.8	243.9	246.3	247.6	245.0	242.0	238.6	235.4	235.2
30°	245.8	245.8	249.2	253.5	254.8	255.9	253.2	251.2	247.6	244.1	243.8
32.5°	256.2	256.8	260.7	265.5	266.3	266.9	264.1	262.8	259.0	255.1	254.5
35°	269.7	269.9	274.7	279.5	280.6	281.2	278.0	276.8	273.3	269.1	268.3
37.5°	287.0	286.5	291.1	296.4	297.6	298.3	295.7	294.8	290.4	286.2	284.9
40°	306.3	306.6	311.7	316.7	317.5	317.8	316.4	315.1	311.0	306.3	304.7
42.5°	328.7	328.7	334.7	340.6	340.6	339.1	338.6	338.3	334.3	329.0	327.2
45°	354.3	354.6	362.1	366.6	366.9	362.9	363.5	365.2	361.4	354.6	352.3
47.5°	382.5	382.9	391.8	396.6	395.7	390.6	393.8	394.7	390.3	381.6	378.5
50°	412.1	413.4	423.3	431.9	430.7	423.2	427.4	427.7	420.5	410.5	406.2
52.5°	444.1	447.2	460.3	469.4	470.6	461.2	464.9	464.6	455.3	441.6	438.8
55°	483.7	485.5	498.5	511.4	515.9	504.2	508.4	506.3	493.8	478.1	473.4
57.5°	523.4	526.0	542.7	557.3	566.1	556.3	557.1	551.8	536.1	517.2	514.8
60°	570.4	571.6	590.0	609.0	624.4	618.5	614.3	603.3	584.7	565.8	562.4
62.5°	608.9	611.2	638.6	666.7	692.6	693.6	681.1	664.6	635.0	603.4	596.6
65°	619.5	623.3	661.8	717.1	771.0	795.0	760.7	710.3	644.1	596.5	586.3
67.5°	570.1	577.5	632.5	724.3	844.0	916.0	824.1	688.6	596.2	540.6	530.9
70°	443.4	446.6	511.2	637.2	845.1	993.0	798.6	598.0	488.8	429.1	414.8
72.5°	235.5	237.2	295.4	429.1	687.7	857.8	659.9	418.4	287.7	233.5	217.1
75°	76.1	78.1	101.7	175.7	379.4	576.4	389.1	174.1	99.2	80.0	75.8
77.5°	38.8	38.6	42.9	56.6	127.6	282.5	135.0	61.0	42.9	38.5	37.3
80°	24.2	23.7	27.0	31.0	44.7	82.5	48.5	34.2	27.1	23.3	23.1
82.5°	13.7	13.7	18.1	19.9	25.2	34.0	28.3	23.4	18.6	13.9	13.4
85°	7.7	6.8	11.3	12.5	14.4	16.8	17.2	15.2	12.5	7.7	8.0
87.5°	2.8	3.1	5.3	5.0	5.7	4.0	7.1	8.0	7.1	3.7	3.1
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)