

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: P672520

Luminaire Tested: **CCP-SA-1A-730-U-5MQ**

Issue Date: 04/16/2023



Test Information

Test Method: LM-79-08
Report Number: P672520
Test Lab: INNOVATION CENTER(G2)
Issue Date: 04/16/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: CCP-SA-1A-730-U-5MQ
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @350mA w/ 5MQ
distribution lens
Light Source: (16) 3000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 2571.6 lumens
Efficiency: N/A
Efficacy: 142.9 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification: Type V - Short
BUG Rating: B2 - U0 - G0

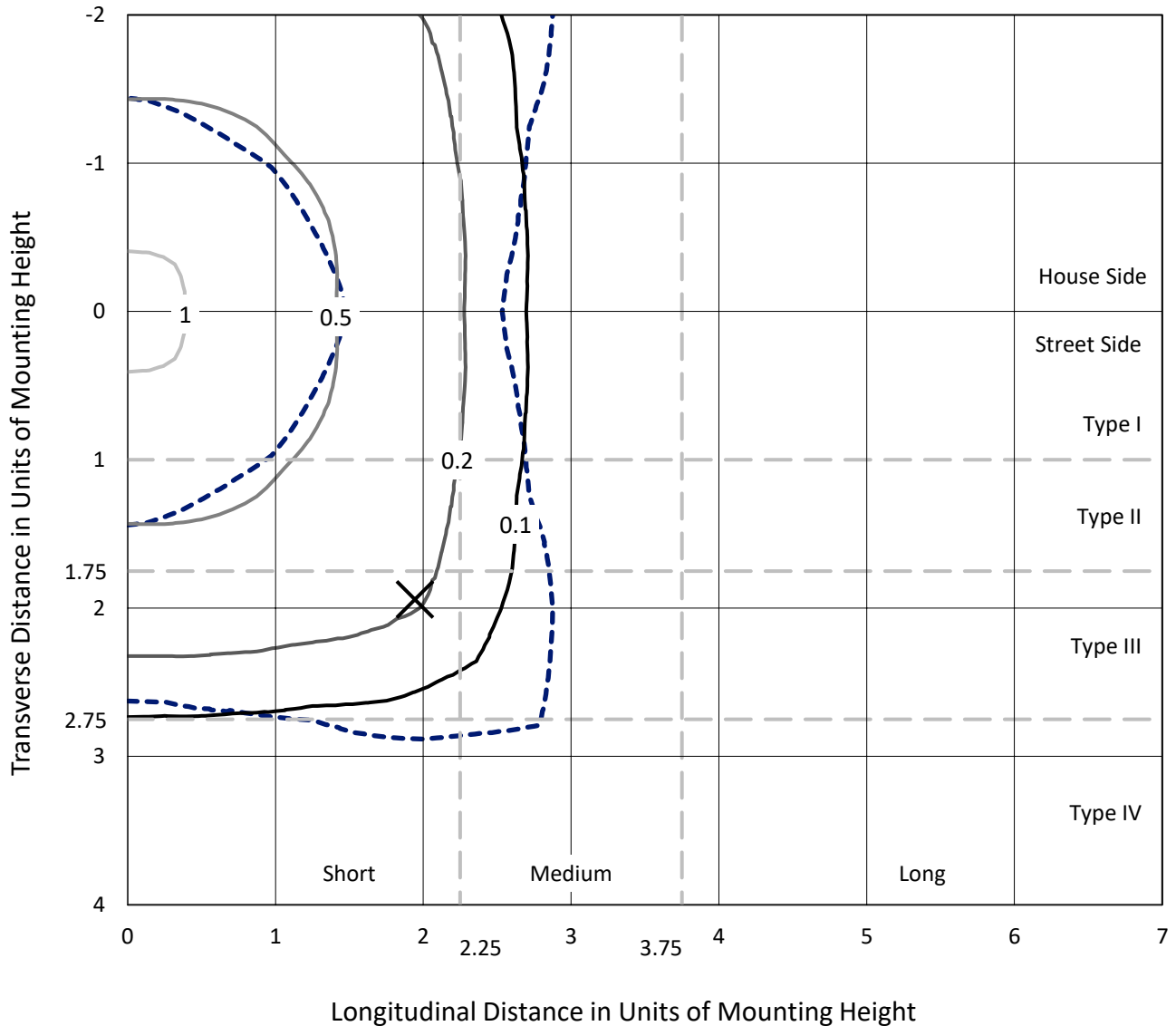
Input Watts (W): 18
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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Iso-Footcandle Lines of Horizontal Illumination

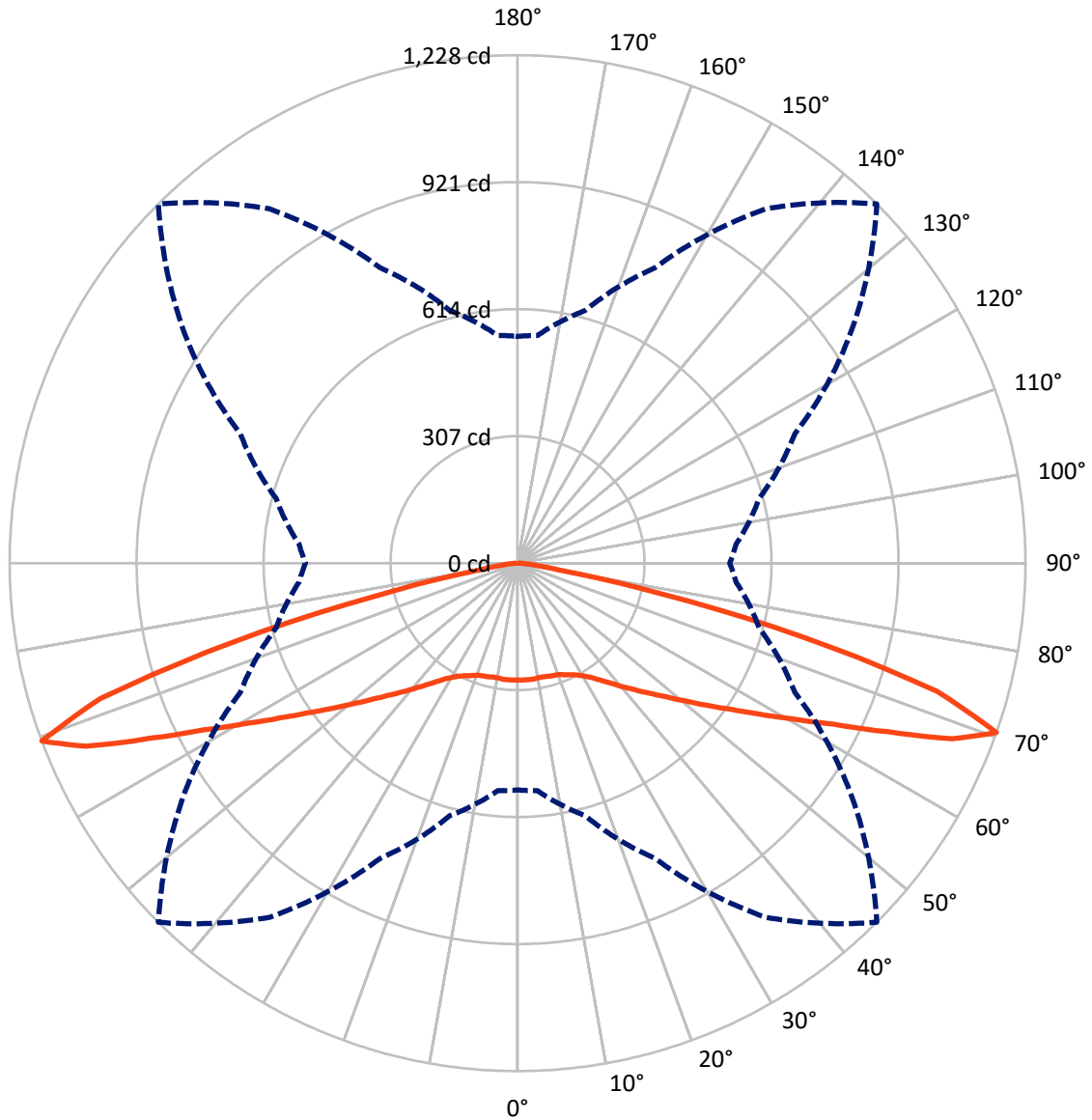
× Max cd
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 1.3 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	1285.8	0.0	1285.8
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	1285.8	0.0	1285.8
	% Fixture	50.0	0.0	50.0
Total	Lumens	2571.6	0.0	2571.6
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	26.9	1.0
10°-20°	79.6	3.1
20°-30°	136.0	5.3
30°-40°	217.0	8.4
40°-50°	350.1	13.6
50°-60°	560.6	21.8
60°-70°	820.7	31.9
70°-80°	360.9	14.0
80°-90°	19.8	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°	2571.6	100.0
0°-180°	2571.6	100.0

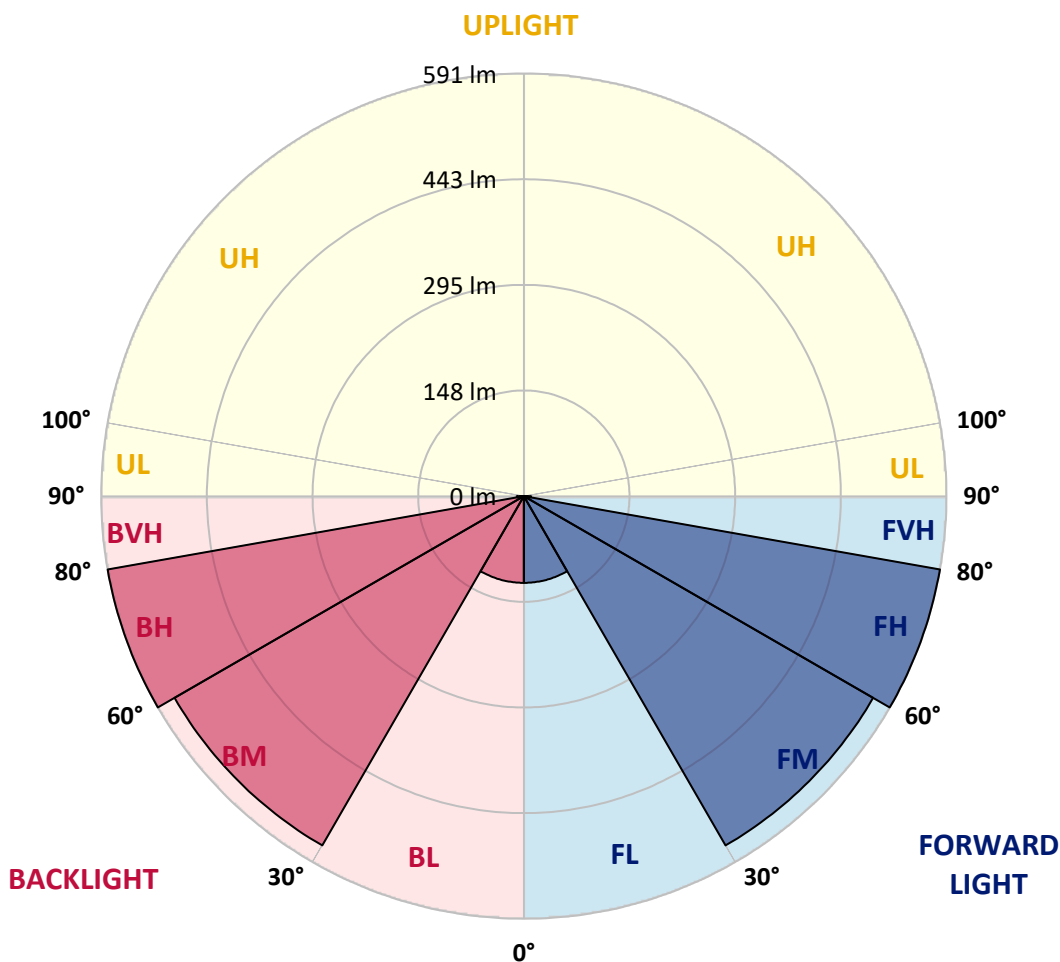


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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	121.2	4.7			
FM (30°-60°)	563.8	21.9			
FH (60°-80°)	590.8	23.0			G0/660
FVH (80°-90°)	9.9	0.4			G0/10
BL (0°-30°)	121.2	4.7	B1/500		
BM (30°-60°)	563.8	21.9	B1/1000		
BH (60°-80°)	590.8	23.0	B2/1000		G0/660
BVH (80°-90°)	9.9	0.4			G0/10
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G0
 Type V Short





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	282.8	282.8	282.8	282.8	282.8	282.8	282.8	282.8	282.8	282.8	282.8
2.5°	282.4	282.2	282.6	282.8	282.4	282.6	281.5	281.5	282.1	281.5	282.2
5°	283.7	283.3	283.7	283.7	282.8	282.8	281.5	281.1	281.5	280.6	281.3
7.5°	283.9	283.2	283.7	283.5	282.8	282.8	281.0	280.2	280.4	279.5	280.1
10°	282.1	281.7	282.4	282.1	281.5	281.5	280.1	279.0	279.0	278.0	278.6
12.5°	281.0	280.6	281.5	281.7	281.3	281.5	279.7	278.2	277.7	276.6	277.0
15°	281.0	280.2	281.7	282.1	282.4	283.7	281.0	278.4	277.3	275.9	276.2
17.5°	280.8	280.4	282.1	283.3	283.7	285.2	282.1	279.3	278.0	275.9	276.2
20°	280.8	280.6	282.6	285.0	286.1	287.3	284.1	281.5	279.3	277.0	277.0
22.5°	281.7	281.5	284.2	287.7	290.8	293.0	289.2	285.0	282.1	279.0	278.6
25°	285.5	285.2	288.4	292.6	296.8	299.0	295.2	291.0	286.8	283.3	283.0
27.5°	293.4	293.2	296.5	301.6	304.5	306.1	302.8	299.2	295.0	291.0	290.8
30°	303.9	303.9	308.1	313.4	315.0	316.3	313.0	310.5	306.1	301.7	301.4
32.5°	316.7	317.4	322.3	328.2	329.3	330.0	326.5	324.9	320.1	315.4	314.7
35°	333.4	333.6	339.6	345.5	346.9	347.7	343.6	342.2	337.8	332.7	331.6
37.5°	354.8	354.2	359.9	366.4	367.9	368.8	365.5	364.4	359.0	353.8	352.2
40°	378.6	379.0	385.4	391.6	392.5	392.8	391.2	389.6	384.5	378.6	376.6
42.5°	406.3	406.3	413.8	421.1	421.1	419.3	418.5	418.2	413.2	406.7	404.5
45°	438.0	438.4	447.7	453.2	453.5	448.6	449.3	451.5	446.8	438.4	435.5
47.5°	472.8	473.4	484.3	490.3	489.2	482.9	486.9	488.0	482.5	471.7	467.9
50°	509.5	511.1	523.3	533.9	532.4	523.1	528.4	528.8	519.8	507.5	502.2
52.5°	549.0	552.8	569.0	580.3	581.8	570.1	574.7	574.3	562.8	545.9	542.4
55°	598.0	600.2	616.2	632.3	637.7	623.3	628.4	625.9	610.4	591.1	585.3
57.5°	647.0	650.3	670.9	688.9	699.9	687.7	688.7	682.2	662.7	639.4	636.5
60°	705.1	706.6	729.4	752.9	771.8	764.5	759.4	745.8	722.8	699.5	695.3
62.5°	752.7	755.6	789.5	824.1	856.2	857.5	842.0	821.6	785.0	746.0	737.6
65°	765.8	770.6	818.1	886.4	953.1	982.8	940.4	878.1	796.3	737.4	724.8
67.5°	704.8	713.9	781.9	895.4	1043.3	1132.4	1018.7	851.3	737.0	668.3	656.3
70°	548.1	552.1	631.9	787.7	1044.8	1227.5	987.2	739.2	604.2	530.4	512.7
72.5°	291.2	293.2	365.1	530.4	850.2	1060.5	815.7	517.3	355.7	288.6	268.4
75°	94.0	96.6	125.7	217.2	469.0	712.6	481.0	215.2	122.6	98.9	93.7
77.5°	47.9	47.7	53.0	70.0	157.8	349.3	166.9	75.4	53.0	47.6	46.1
80°	29.9	29.3	33.3	38.3	55.2	102.0	59.9	42.3	33.5	28.8	28.6
82.5°	16.9	16.9	22.4	24.6	31.2	42.1	35.0	29.0	23.0	17.1	16.6
85°	9.5	8.4	14.0	15.5	17.9	20.8	21.3	18.8	15.5	9.5	9.8
87.5°	3.5	3.8	6.6	6.2	7.1	4.9	8.7	9.8	8.7	4.6	3.8
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)