

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: P672499

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

Issue Date: 04/16/2023



Test Information

Test Method: LM-79-08
Report Number: P672499
Test Lab: INNOVATION CENTER(G2)
Issue Date: 04/16/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: CCP-SA-1B-722-U-5MQ
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @450mA w/ 5MQ distribution lens
Light Source: (16) 2200K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

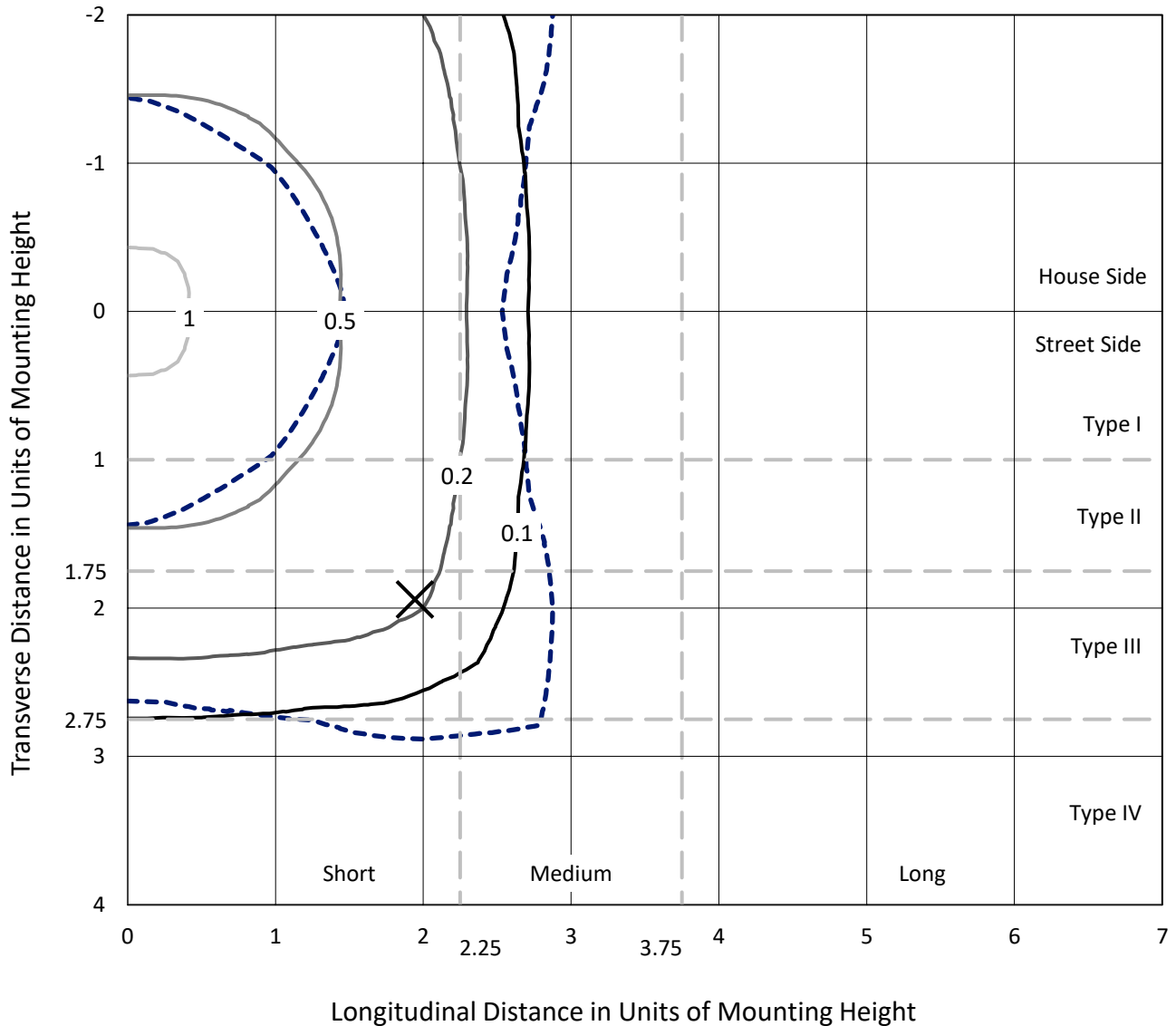
Lumens per Lamp: N/A
Luminaire Lumens: 2625.9 lumens
Efficiency: N/A
Efficacy: 109.4 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification: Type V - Short
BUG Rating: B2 - U0 - G1

Input Watts (W): 24
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

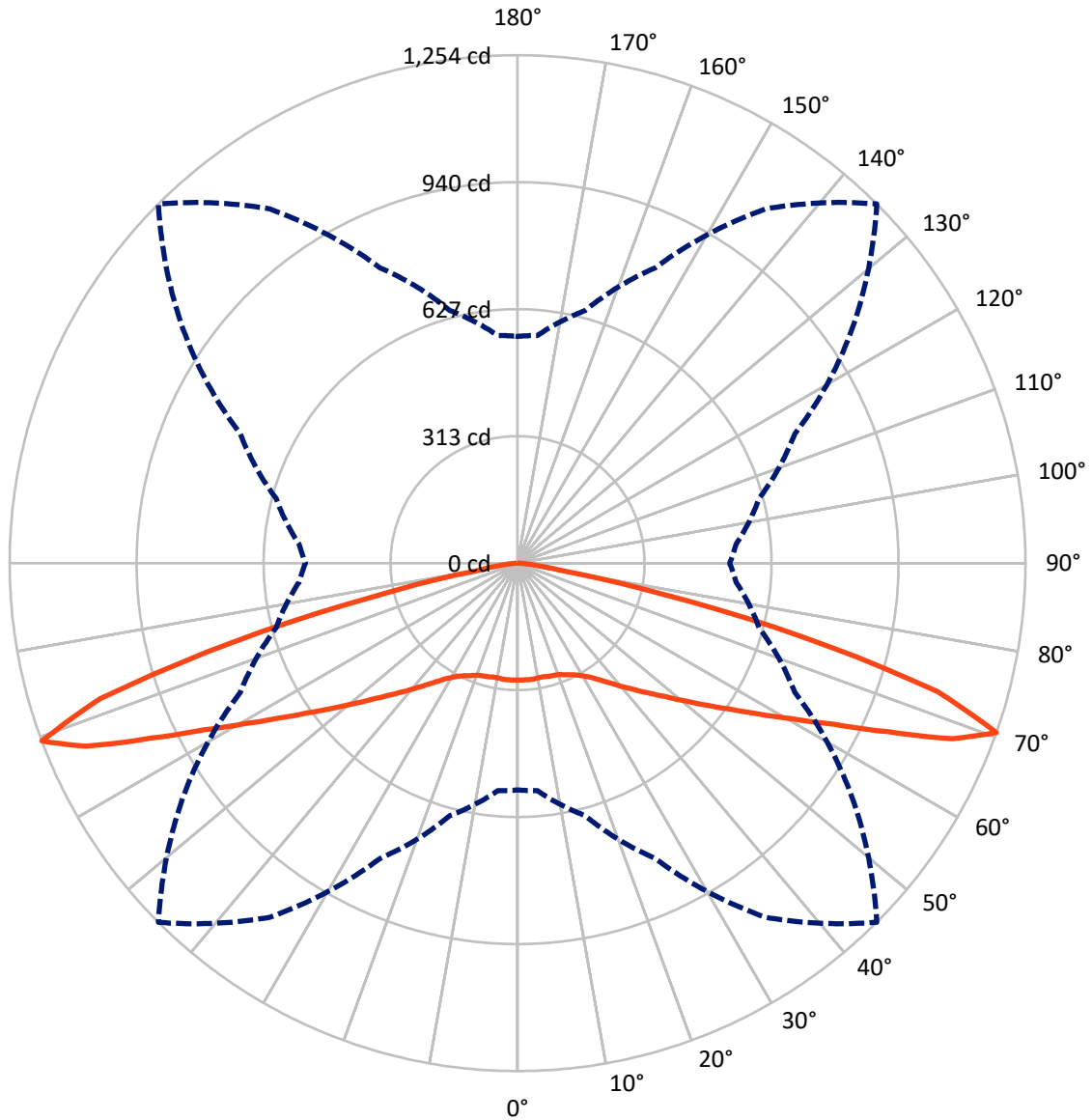
× Max cd
 - - - 1/2 Max cd



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	1313.0	0.0	1313.0
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	1313.0	0.0	1313.0
	% Fixture	50.0	0.0	50.0
Total	Lumens	2625.9	0.0	2625.9
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	27.5	1.0
10°-20°	81.3	3.1
20°-30°	138.8	5.3
30°-40°	221.5	8.4
40°-50°	357.5	13.6
50°-60°	572.5	21.8
60°-70°	838.1	31.9
70°-80°	368.6	14.0
80°-90°	20.2	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°	2625.9	100.0
0°-180°	2625.9	100.0



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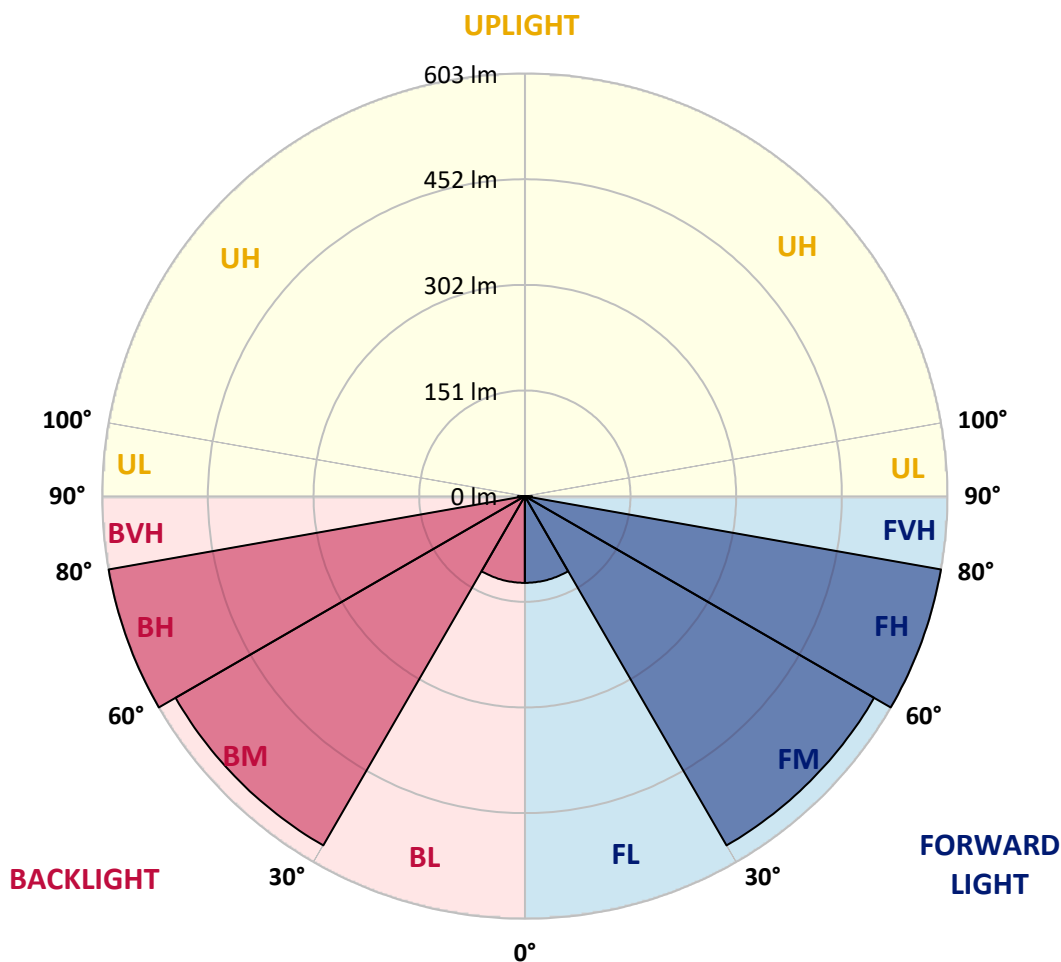
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	123.8	4.7			
FM (30°-60°)	575.8	21.9			
FH (60°-80°)	603.3	23.0			G0/660
FVH (80°-90°)	10.1	0.4			G1/100
BL (0°-30°)	123.8	4.7	B1/500		
BM (30°-60°)	575.8	21.9	B1/1000		
BH (60°-80°)	603.3	23.0	B2/1000		G0/660
BVH (80°-90°)	10.1	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°	288.8	288.8	288.8	288.8	288.8	288.8	288.8	288.8	288.8	288.8	288.8
2.5°	288.4	288.2	288.6	288.8	288.4	288.6	287.5	287.5	288.0	287.5	288.2
5°	289.7	289.3	289.7	289.7	288.8	288.8	287.5	287.1	287.5	286.5	287.3
7.5°	289.9	289.1	289.7	289.5	288.8	288.8	286.9	286.2	286.3	285.4	286.0
10°	288.0	287.7	288.4	288.0	287.5	287.5	286.0	284.9	284.9	283.9	284.5
12.5°	286.9	286.5	287.5	287.7	287.3	287.5	285.6	284.1	283.6	282.4	282.8
15°	286.9	286.2	287.7	288.0	288.4	289.7	286.9	284.3	283.2	281.7	282.1
17.5°	286.7	286.3	288.0	289.3	289.7	291.2	288.0	285.2	283.9	281.7	282.1
20°	286.7	286.5	288.6	291.0	292.1	293.4	290.1	287.5	285.2	282.8	282.8
22.5°	287.7	287.5	290.3	293.8	297.0	299.2	295.3	291.0	288.0	284.9	284.5
25°	291.6	291.2	294.5	298.8	303.1	305.3	301.4	297.1	292.9	289.3	289.0
27.5°	299.6	299.4	302.7	307.9	310.9	312.6	309.2	305.5	301.2	297.1	297.0
30°	310.4	310.4	314.6	320.0	321.7	323.0	319.7	317.0	312.6	308.1	307.7
32.5°	323.4	324.1	329.1	335.1	336.2	337.0	333.4	331.7	326.9	322.1	321.3
35°	340.5	340.7	346.8	352.8	354.3	355.0	350.9	349.4	345.0	339.7	338.6
37.5°	362.3	361.7	367.5	374.2	375.7	376.6	373.2	372.1	366.5	361.3	359.7
40°	386.6	387.0	393.5	399.8	400.8	401.1	399.5	397.8	392.6	386.6	384.6
42.5°	414.9	414.9	422.5	430.0	430.0	428.1	427.4	427.0	422.0	415.3	413.1
45°	447.3	447.7	457.2	462.7	463.1	458.1	458.8	461.1	456.2	447.7	444.7
47.5°	482.8	483.4	494.6	500.7	499.6	493.1	497.2	498.3	492.7	481.7	477.8
50°	520.2	521.9	534.4	545.2	543.7	534.2	539.6	540.0	530.8	518.2	512.8
52.5°	560.6	564.5	581.1	592.6	594.1	582.2	586.8	586.5	574.7	557.4	553.9
55°	610.7	612.9	629.3	645.6	651.2	636.5	641.7	639.1	623.3	603.6	597.6
57.5°	660.7	664.1	685.1	703.5	714.7	702.2	703.3	696.6	676.7	652.9	649.9
60°	720.1	721.5	744.8	768.8	788.2	780.7	775.5	761.6	738.1	714.3	710.0
62.5°	768.6	771.6	806.2	841.6	874.3	875.6	859.8	839.0	801.6	761.7	753.2
65°	782.0	786.9	835.4	905.2	973.3	1003.6	960.3	896.6	813.1	753.0	740.2
67.5°	719.7	729.0	798.4	914.3	1065.4	1156.4	1040.3	869.3	752.6	682.5	670.2
70°	559.7	563.8	645.3	804.3	1066.9	1253.5	1008.1	754.9	617.0	541.6	523.6
72.5°	297.3	299.4	372.9	541.6	868.2	1082.9	833.0	528.2	363.2	294.7	274.1
75°	96.0	98.6	128.4	221.8	478.9	727.7	491.2	219.7	125.2	101.0	95.6
77.5°	48.9	48.7	54.1	71.4	161.1	356.7	170.4	77.0	54.1	48.6	47.1
80°	30.5	30.0	34.0	39.1	56.4	104.2	61.2	43.2	34.2	29.4	29.2
82.5°	17.3	17.3	22.9	25.1	31.8	43.0	35.7	29.6	23.4	17.5	16.9
85°	9.7	8.6	14.3	15.8	18.2	21.2	21.8	19.2	15.8	9.7	10.0
87.5°	3.5	3.9	6.7	6.3	7.3	5.0	8.9	10.0	8.9	4.7	3.9
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)