

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: P672741

Luminaire Tested: **CCP-SA-1A-835-U-5NQ**

Issue Date: 04/16/2023



Test Information

Test Method: LM-79-08
Report Number: P672741
Test Lab: INNOVATION CENTER(G2)
Issue Date: 04/16/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: CCP-SA-1A-835-U-5NQ
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @350mA w/ 5NQ
distribution lens
Light Source: (16) 3500K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

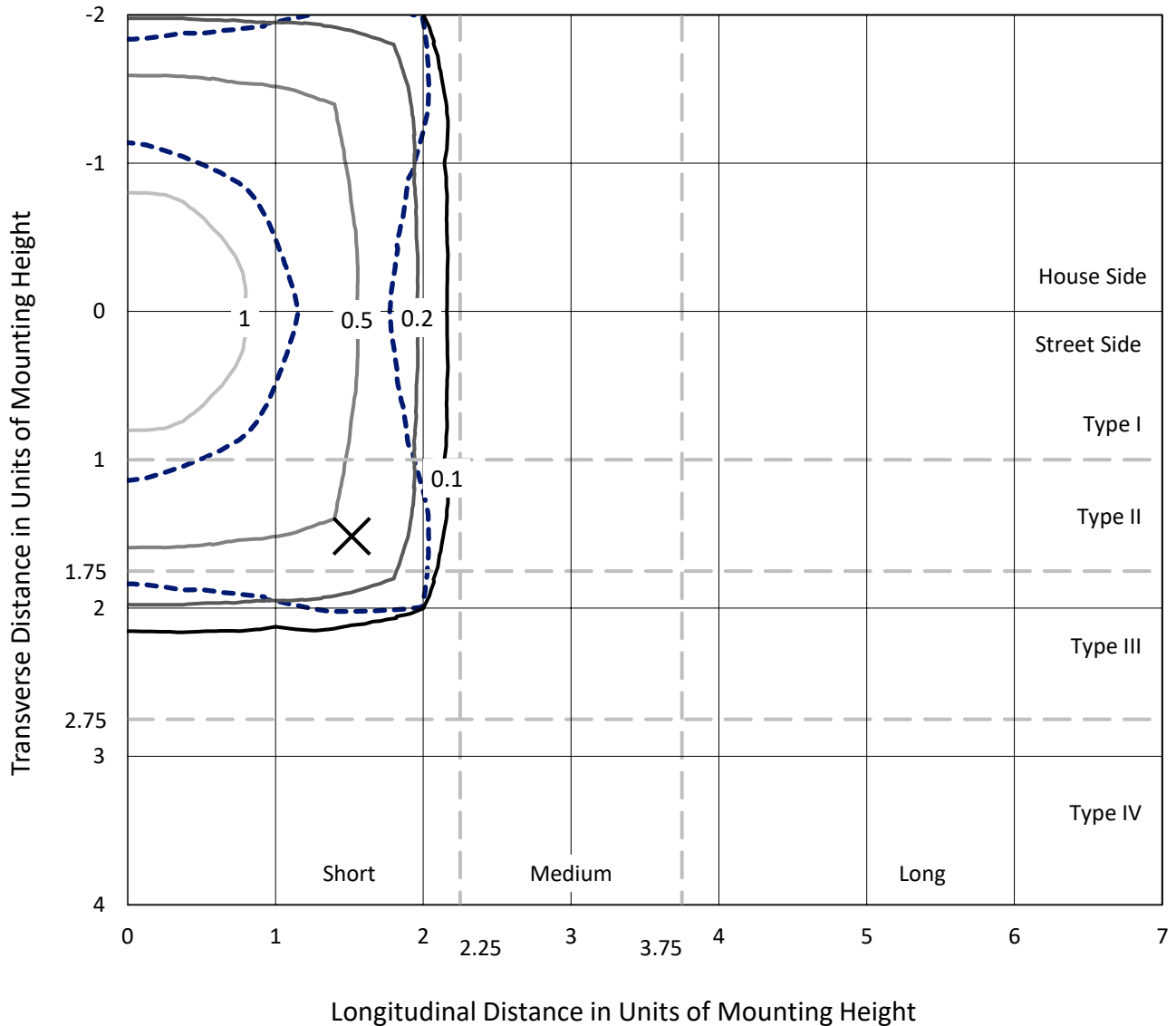
Lumens per Lamp: N/A
Luminaire Lumens: 2345.9 lumens
Efficiency: N/A
Efficacy: 130.3 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification: Type V - Short
BUG Rating: B1 - U0 - G0

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

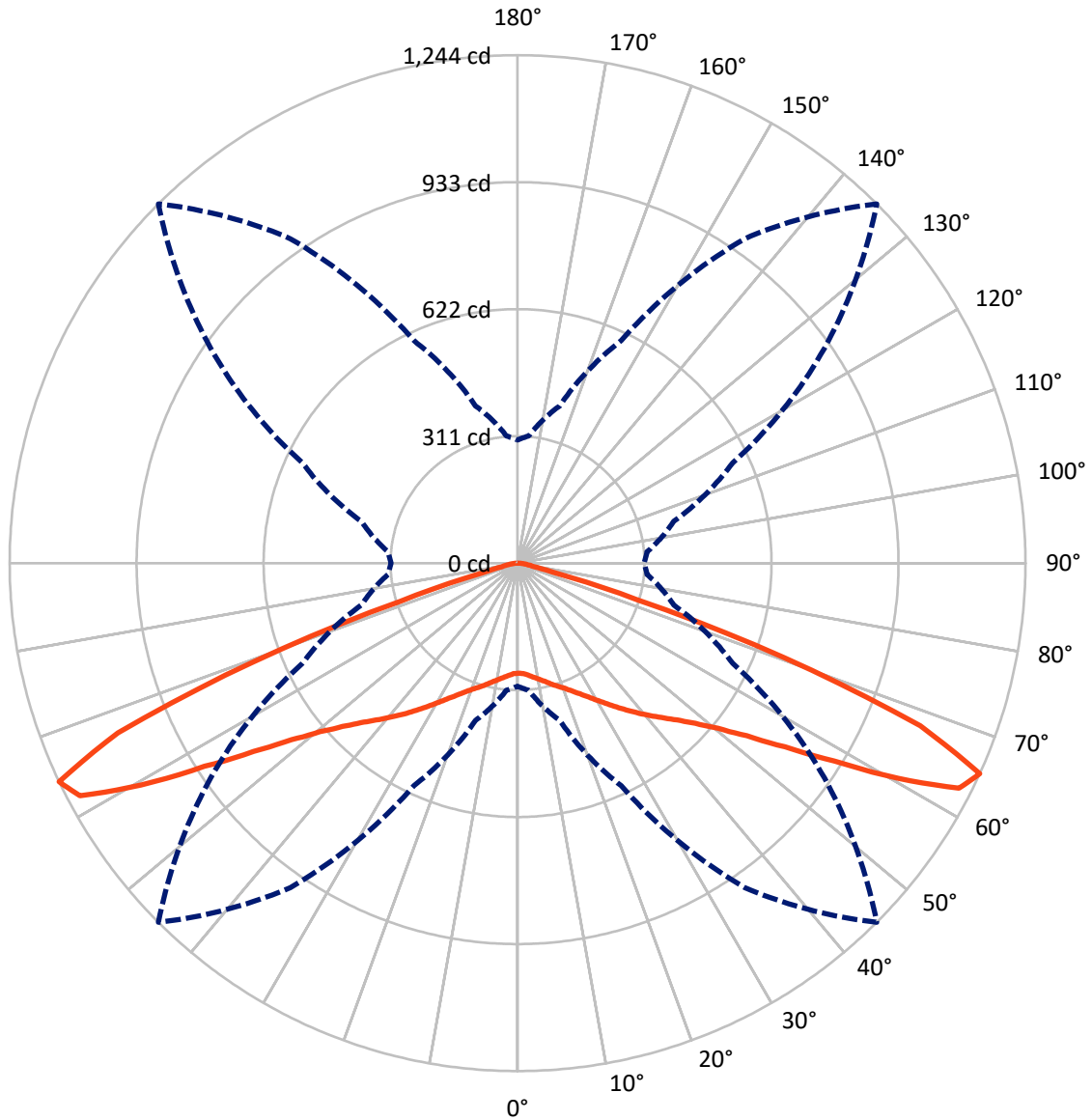
× Max cd
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 1.2 fc
 Type V - Short - N/A

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Luminous Intensity Polar Plot



— Vertical Plane Through 45-Deg Lateral - - - Horizontal Cone Through 65-Deg Vertical

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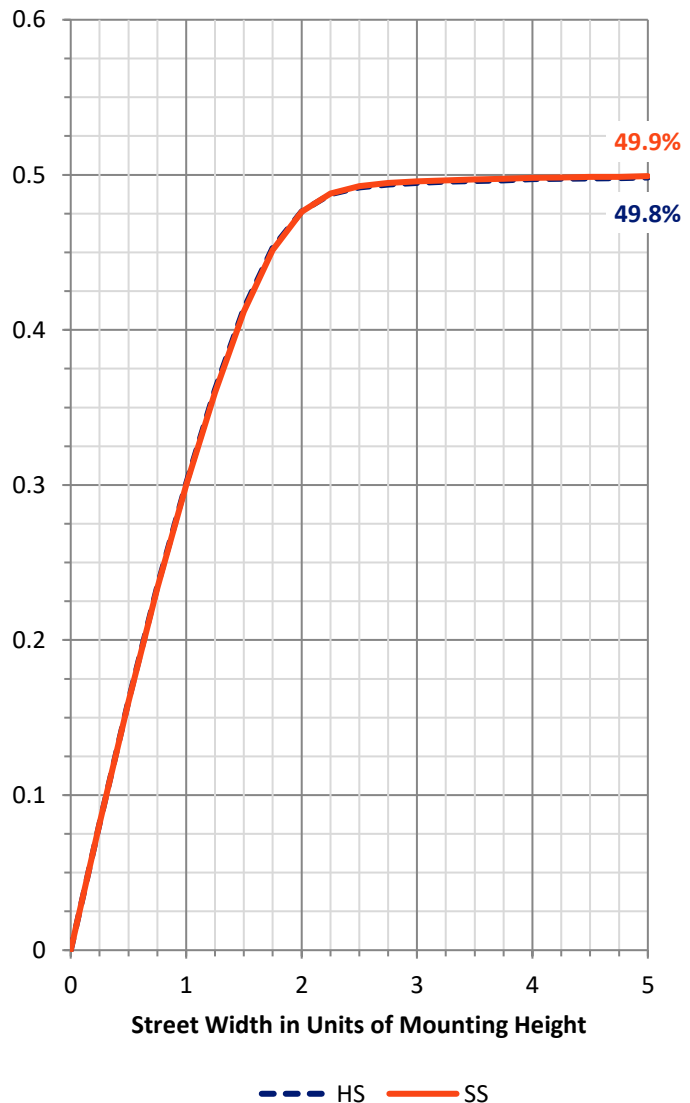
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1172.9	0.0	1172.9
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	1172.9	0.0	1172.9
	% Fixture	50.0	0.0	50.0
Total	Lumens	2345.9	0.0	2345.9
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	26.7	1.1
10°-20°	87.2	3.7
20°-30°	165.4	7.1
30°-40°	277.4	11.8
40°-50°	439.0	18.7
50°-60°	689.6	29.4
60°-70°	582.7	24.8
70°-80°	67.8	2.9
80°-90°	10.1	0.4
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°	2345.9	100.0
0°-180°	2345.9	100.0



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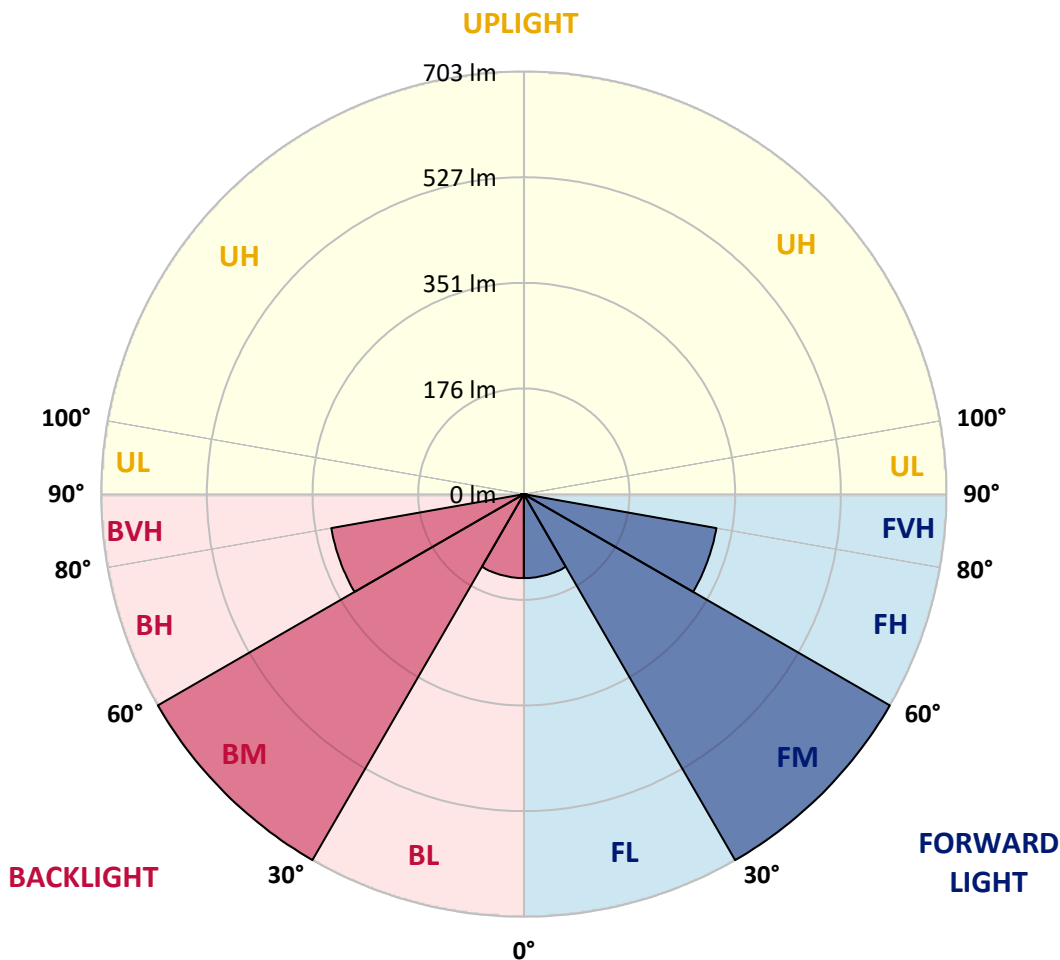
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	139.7	6.0			
FM (30°-60°)	703.0	30.0			
FH (60°-80°)	325.2	13.9			G0/660
FVH (80°-90°)	5.1	0.2			G0/10
BL (0°-30°)	139.7	6.0	B1/500		
BM (30°-60°)	703.0	30.0	B1/1000		
BH (60°-80°)	325.2	13.9	B1/500		G0/660
BVH (80°-90°)	5.1	0.2			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°	269.7	269.7	269.7	269.7	269.7	269.7	269.7	269.7	269.7	269.7	269.7
2.5°	271.2	270.4	271.2	271.2	270.7	270.9	270.2	270.1	270.9	270.2	270.1
5°	276.8	276.2	276.8	276.3	275.5	275.7	274.7	274.4	275.3	274.4	274.5
7.5°	283.3	282.1	282.4	282.9	282.1	282.1	281.3	280.8	281.3	280.3	280.9
10°	288.7	287.7	288.2	288.9	288.7	289.2	288.4	288.0	287.5	286.4	287.4
12.5°	295.8	295.5	296.1	296.9	296.6	297.3	295.5	295.0	294.8	293.5	294.6
15°	305.0	304.2	305.3	306.3	305.8	307.0	305.5	304.9	304.0	302.4	303.4
17.5°	314.3	313.6	315.2	315.7	315.9	316.9	315.7	314.7	314.4	313.3	312.6
20°	325.3	324.5	325.8	326.8	326.0	327.1	326.6	326.0	325.6	323.8	323.6
22.5°	337.7	336.5	338.5	339.6	338.5	339.6	338.7	338.5	338.7	336.0	336.3
25°	351.5	351.7	353.7	354.5	353.8	354.5	353.0	354.0	353.5	350.7	349.7
27.5°	369.3	368.7	370.8	373.3	371.6	371.6	371.0	372.0	371.8	369.2	368.5
30°	390.1	389.9	393.1	394.5	392.2	391.2	391.1	393.6	393.7	390.9	389.8
32.5°	411.9	411.9	415.6	417.5	414.2	413.5	412.8	416.1	415.6	411.9	409.4
35°	435.8	434.8	439.9	442.5	439.2	437.2	436.9	439.9	439.2	434.0	431.0
37.5°	459.3	460.0	465.9	468.9	464.9	462.5	463.3	465.3	465.4	459.7	456.5
40°	488.2	488.4	495.8	498.1	493.0	489.2	490.3	494.8	494.5	487.4	483.4
42.5°	520.5	519.9	529.1	531.1	524.1	516.9	520.3	527.3	528.9	521.0	516.9
45°	555.1	556.1	565.7	567.8	556.9	547.7	555.1	565.5	567.7	559.1	554.0
47.5°	597.2	598.3	609.9	610.7	598.3	586.3	596.2	609.7	610.5	598.7	592.7
50°	645.2	649.1	662.0	663.6	651.4	635.9	650.1	662.1	659.0	643.2	637.7
52.5°	699.6	702.7	722.8	729.7	719.0	702.4	713.7	721.2	711.1	690.3	681.9
55°	745.9	751.2	777.9	799.0	807.1	794.5	793.2	782.3	754.3	722.6	713.9
57.5°	758.9	764.0	805.4	859.8	907.8	914.1	885.0	830.5	770.1	721.3	712.4
60°	706.0	712.9	773.4	876.5	1014.1	1070.9	966.0	834.6	729.1	663.6	652.4
62.5°	554.5	567.3	645.5	807.1	1057.0	1213.6	999.3	763.5	605.3	527.9	513.1
65°	301.6	312.6	398.8	601.5	970.1	1244.1	917.7	581.3	395.9	318.2	310.1
67.5°	113.1	121.2	160.8	297.3	685.9	1063.6	696.6	332.9	179.7	128.9	117.6
70°	48.1	49.1	58.2	103.5	311.8	692.0	356.6	113.1	60.0	48.5	47.2
72.5°	34.6	34.8	37.3	45.8	95.0	303.5	107.8	47.5	36.6	33.0	33.0
75°	27.7	27.9	29.3	33.1	44.8	89.4	46.5	33.3	28.4	25.9	25.6
77.5°	21.8	22.1	23.6	25.9	30.0	40.9	31.5	26.2	22.8	20.4	20.1
80°	16.2	16.7	18.6	19.8	21.1	27.2	22.9	20.4	18.1	15.7	15.2
82.5°	10.7	11.2	13.8	14.7	14.5	17.1	15.8	15.7	13.8	10.4	9.9
85°	6.4	6.8	8.9	9.6	8.9	8.4	10.1	10.9	9.7	6.8	6.3
87.5°	2.8	2.8	4.0	4.1	4.0	3.1	4.8	5.6	5.8	3.5	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)