

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: P672886

Luminaire Tested: **CCP-SA-1B-835-U-RW**

Issue Date: 04/16/2023



**Test Information**

Test Method: LM-79-08  
Report Number: P672886  
Test Lab: INNOVATION CENTER(G2)  
Issue Date: 04/16/2023  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: INVUE  
Catalog Number: CCP-SA-1B-835-U-RW  
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @450mA w/ RW distribution lens  
Light Source: (16) 3500K CCT, 80 CRI LEDs  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

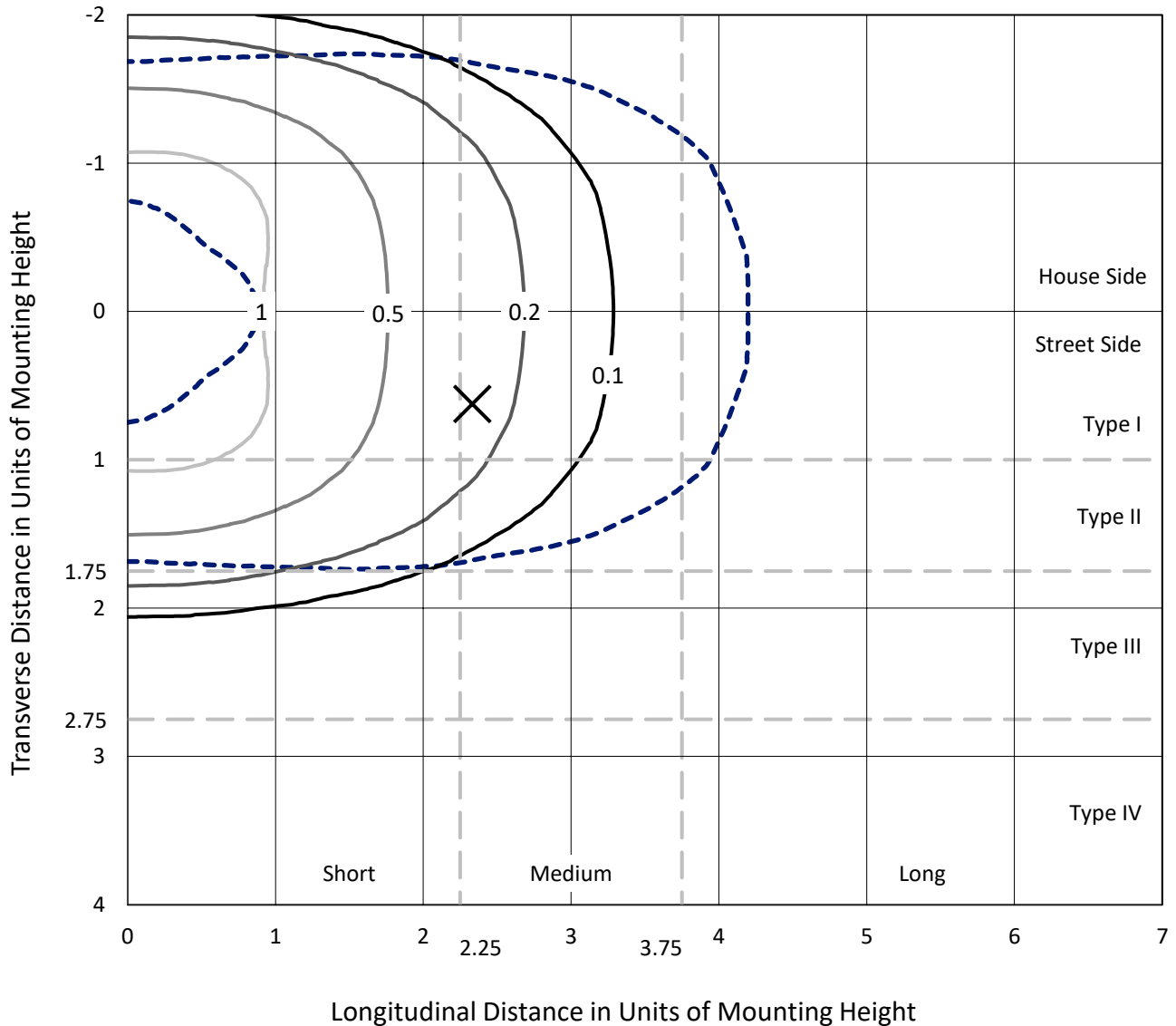
Lumens per Lamp: N/A  
Luminaire Lumens: 2894.8 lumens  
Efficiency: N/A  
Efficacy: 120.6 lumens/watt  
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')  
IES Classification: Type II - Medium  
BUG Rating: B1 - U0 - G1

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

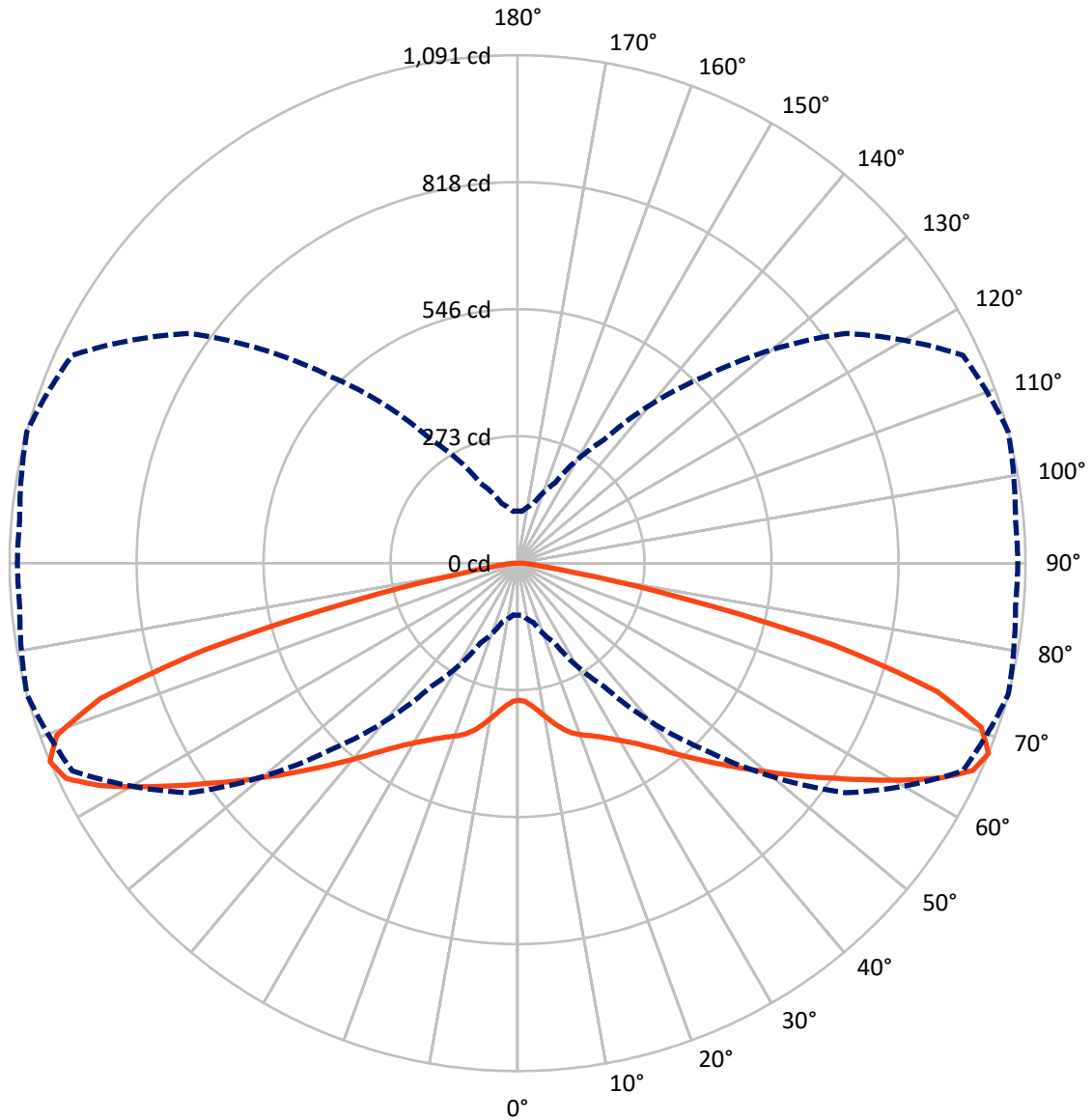
× Max cd  
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 1.5 fc  
 Type II - Medium - N/A

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### Luminous Intensity Polar Plot



— Vertical Plane Through 75-Deg Lateral    - - - Horizontal Cone Through 67.5-Deg Vertical

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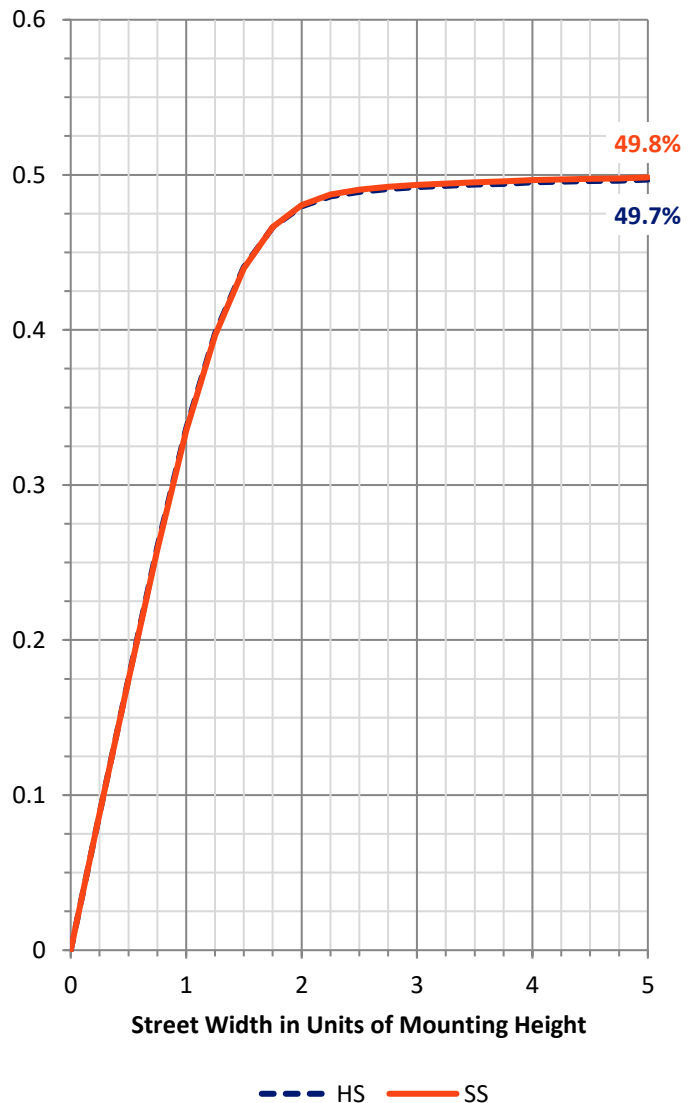
**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	1447.4	0.0	1447.4
	% Fixture	50.0	0.0	50.0
<b>Street Side</b>	Lumens	1447.4	0.0	1447.4
	% Fixture	50.0	0.0	50.0
<b>Total</b>	Lumens	2894.8	0.0	2894.8
	% Fixture	100.0	0.0	100.0

**Coefficient of Utilization**

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	29.1	1.0
10°-20°	98.2	3.4
20°-30°	191.7	6.6
30°-40°	330.8	11.4
40°-50°	535.8	18.5
50°-60°	728.7	25.2
60°-70°	672.3	23.2
70°-80°	281.3	9.7
80°-90°	26.9	0.9
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°	2894.8	100.0
0°-180°	2894.8	100.0



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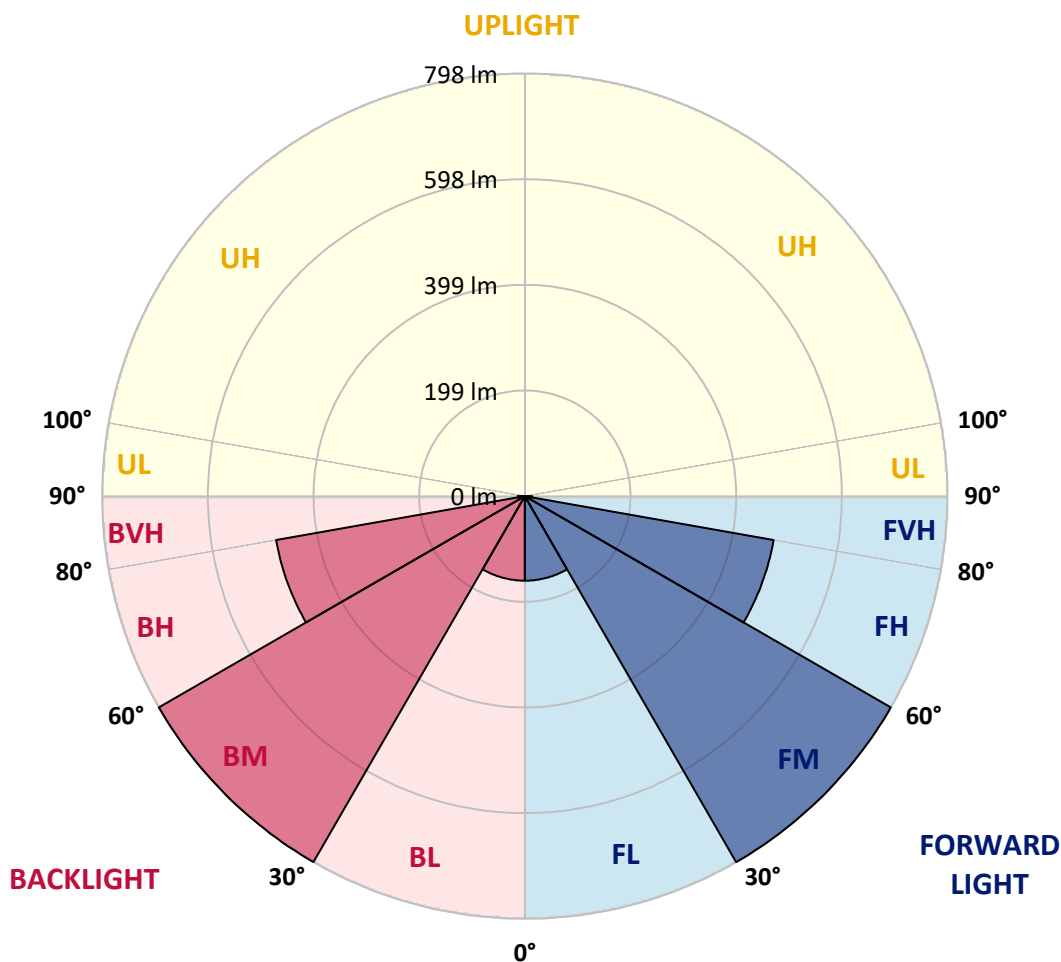
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	159.5	5.5			
FM (30°-60°)	797.7	27.6			
FH (60°-80°)	476.8	16.5			G0/660
FVH (80°-90°)	13.4	0.5			G1/100
BL (0°-30°)	159.5	5.5	B1/500		
BM (30°-60°)	797.7	27.6	B1/1000		
BH (60°-80°)	476.8	16.5	B1/500		G1/500
BVH (80°-90°)	13.4	0.5			G1/100
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

**BUG Rating: B1-U0-G1**

Type II Medium





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**CANDELA DISTRIBUTION (FULL):**

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	294.5	294.5	294.5	294.5	294.5	294.5	294.5	294.5	294.5	294.5	294.5
2.5°	292.6	292.6	293.5	294.5	294.9	295.8	296.0	296.0	297.2	297.0	297.2
5°	291.8	291.8	293.3	295.1	297.2	299.7	302.2	303.7	306.8	307.4	307.6
7.5°	292.6	292.8	294.9	298.0	301.6	306.2	310.9	314.9	320.1	322.0	323.2
10°	295.8	296.0	298.7	303.0	308.4	315.1	322.0	328.2	336.5	340.3	340.9
12.5°	300.5	300.7	304.7	311.8	319.5	327.8	335.5	343.4	353.8	359.4	360.7
15°	307.8	307.2	313.4	323.9	334.7	345.1	351.9	359.6	370.7	378.0	379.8
17.5°	317.8	318.2	325.9	339.3	352.6	363.2	370.1	374.4	384.0	391.5	393.4
20°	330.3	332.2	342.0	357.4	373.0	384.2	389.0	388.4	393.8	400.2	401.7
22.5°	348.0	349.2	361.1	378.4	396.3	407.9	409.8	402.9	402.7	406.9	408.8
25°	368.8	369.8	382.3	402.3	421.3	433.5	431.7	419.8	413.6	413.8	415.0
27.5°	393.2	395.2	408.1	428.5	448.1	459.3	456.6	439.4	427.1	423.3	422.5
30°	424.8	427.1	440.2	459.8	477.0	487.0	482.9	461.0	442.7	436.4	435.2
32.5°	466.0	465.8	479.3	498.3	510.3	516.8	508.7	483.9	460.8	452.5	450.8
35°	508.5	510.5	523.9	542.2	551.3	551.8	538.8	511.0	483.5	469.1	466.0
37.5°	556.3	557.4	572.8	590.0	596.1	592.8	573.6	542.6	511.0	495.8	490.4
40°	605.5	606.5	624.4	641.0	647.7	639.8	614.6	577.6	543.4	526.8	523.7
42.5°	651.0	653.7	673.7	693.3	699.7	690.6	660.2	615.9	577.8	561.7	557.6
45°	688.9	691.8	714.3	739.3	750.7	743.2	708.9	658.9	617.3	600.0	593.0
47.5°	717.4	721.2	745.1	775.1	797.3	795.9	760.7	704.5	659.8	639.4	632.9
50°	737.0	740.9	766.8	799.0	832.5	843.8	813.4	754.9	707.0	684.1	679.8
52.5°	738.4	742.0	771.5	811.7	856.5	881.2	865.2	808.0	759.1	735.3	732.2
55°	706.0	708.5	747.8	801.3	866.2	909.9	912.4	865.8	814.6	790.7	789.2
57.5°	631.5	635.0	682.0	752.8	850.0	928.5	953.4	926.4	877.5	855.0	853.8
60°	510.1	514.7	568.4	662.5	791.3	923.7	988.2	983.2	946.2	924.3	923.5
62.5°	359.9	361.5	417.5	521.2	676.4	872.9	1005.1	1038.6	1017.3	995.3	996.5
65°	211.5	213.7	254.8	348.0	513.0	756.1	975.9	1077.1	1074.4	1054.2	1056.3
67.5°	111.8	111.8	132.4	190.2	322.6	566.1	860.0	1055.8	1091.2	1073.5	1074.6
70°	77.2	77.0	80.8	95.5	155.9	350.9	643.3	944.7	1056.9	1050.2	1052.9
72.5°	65.4	64.9	65.1	67.2	79.3	158.6	390.7	727.6	942.2	952.4	954.7
75°	57.2	56.6	56.2	55.8	56.8	72.0	178.2	448.9	698.5	762.6	761.3
77.5°	49.3	48.9	48.5	47.0	45.4	47.2	72.8	201.9	359.2	424.0	419.4
80°	40.6	40.6	41.2	39.1	36.0	34.8	43.5	75.3	119.3	124.5	114.5
82.5°	31.8	31.8	35.0	32.1	28.3	25.2	30.2	40.2	48.5	39.3	32.1
85°	22.5	22.7	29.1	26.6	21.9	14.6	18.7	23.9	27.3	17.3	13.5
87.5°	9.2	9.8	18.1	14.4	13.7	7.3	8.7	10.6	13.5	7.3	5.8
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)