

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: P672888

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

Issue Date: 04/16/2023



**Test Information**

Test Method: LM-79-08  
Report Number: P672888  
Test Lab: INNOVATION CENTER(G2)  
Issue Date: 04/16/2023  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: INVUE  
Catalog Number: CCP-SA-1D-835-U-RW  
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @800mA w/ RW distribution lens  
Light Source: (16) 3500K CCT, 80 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

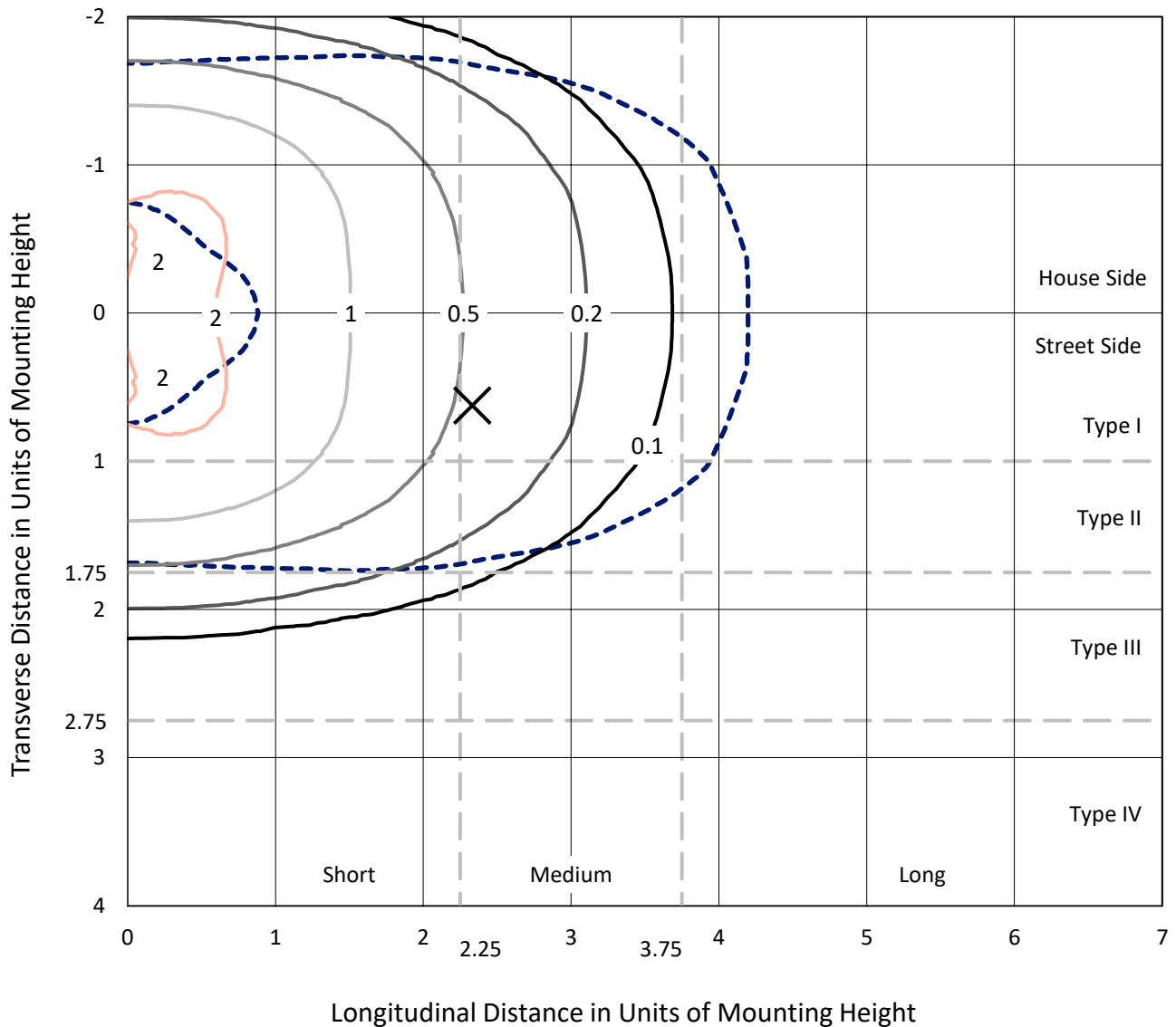
Lumens per Lamp: N/A  
Luminaire Lumens: 4674.6 lumens  
Efficiency: N/A  
Efficacy: 106.2 lumens/watt  
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')  
IES Classification: Type II - Medium  
BUG Rating: B2 - U0 - G2

Input Watts (W): 44  
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

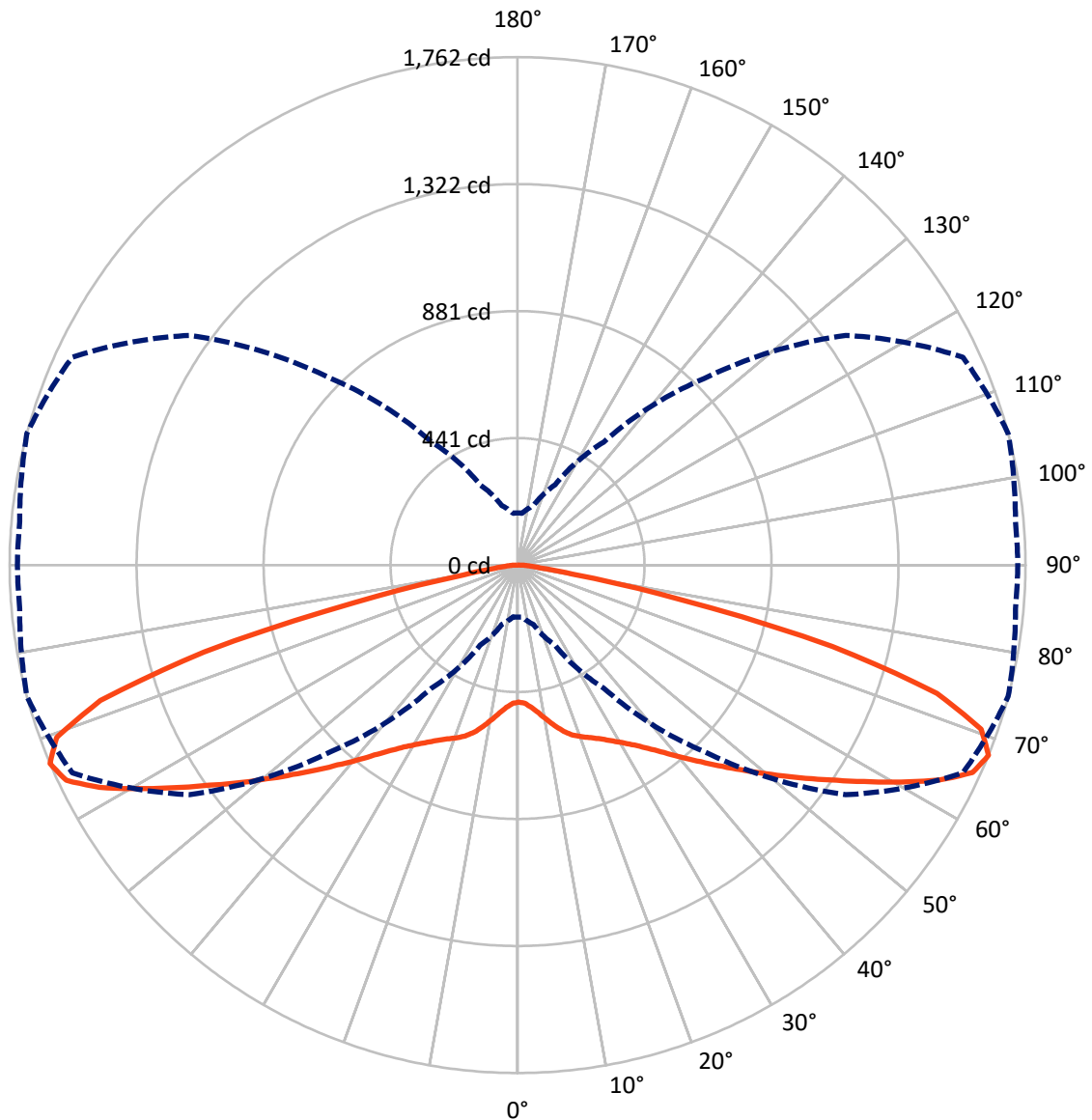
× Max cd  
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 2.4 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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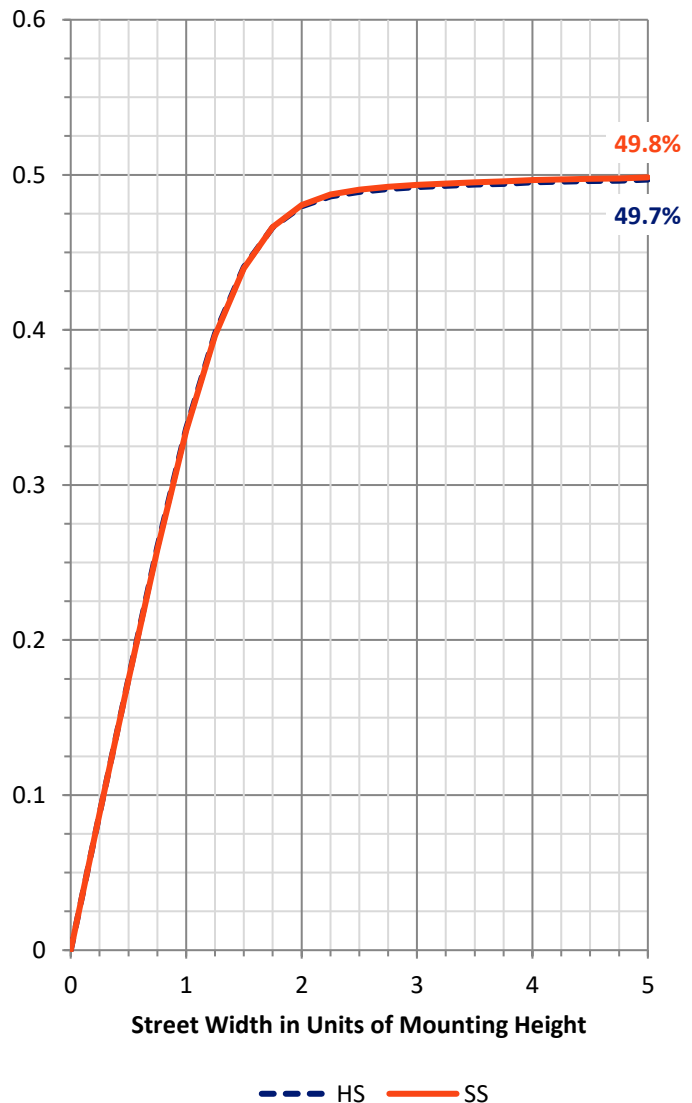
**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	2337.3	0.0	2337.3
	% Fixture	50.0	0.0	50.0
<b>Street Side</b>	Lumens	2337.3	0.0	2337.3
	% Fixture	50.0	0.0	50.0
<b>Total</b>	Lumens	4674.6	0.0	4674.6
	% Fixture	100.0	0.0	100.0

**Coefficient of Utilization**

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	47.1	1.0
10°-20°	158.6	3.4
20°-30°	309.6	6.6
30°-40°	534.1	11.4
40°-50°	865.2	18.5
50°-60°	1176.7	25.2
60°-70°	1085.6	23.2
70°-80°	454.2	9.7
80°-90°	43.4	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°	4674.6	100.0
0°-180°	4674.6	100.0



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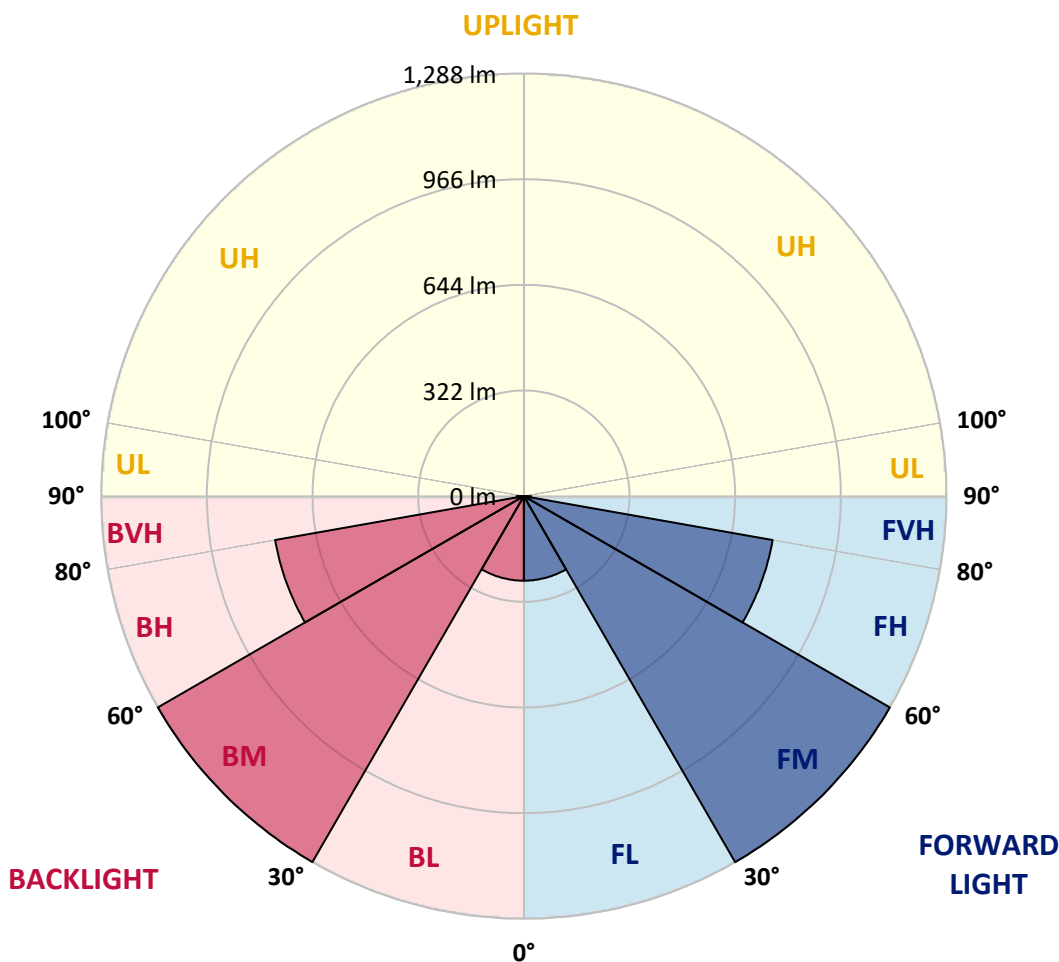
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	257.6	5.5			
FM (30°-60°)	1288.1	27.6			
FH (60°-80°)	769.9	16.5			G1/1800
FVH (80°-90°)	21.7	0.5			G1/100
BL (0°-30°)	257.6	5.5	B1/500		
BM (30°-60°)	1288.1	27.6	B2/2500		
BH (60°-80°)	769.9	16.5	B2/1000		G2/1000
BVH (80°-90°)	21.7	0.5			G1/100
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

**BUG Rating: B2-U0-G2**

Type II Medium





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**CANDELA DISTRIBUTION (FULL):**

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	475.6	475.6	475.6	475.6	475.6	475.6	475.6	475.6	475.6	475.6	475.6
2.5°	472.5	472.5	473.9	475.6	476.2	477.6	477.9	477.9	479.9	479.6	479.9
5°	471.2	471.2	473.6	476.6	479.9	484.0	488.0	490.4	495.4	496.4	496.7
7.5°	472.5	472.9	476.2	481.3	487.0	494.4	502.1	508.5	516.9	519.9	521.9
10°	477.6	477.9	482.3	489.3	498.1	508.8	519.9	530.0	543.5	549.5	550.5
12.5°	485.3	485.6	492.0	503.5	515.9	529.3	541.8	554.5	571.4	580.4	582.4
15°	497.1	496.1	506.2	523.0	540.4	557.2	568.3	580.8	598.6	610.3	613.4
17.5°	513.2	513.9	526.3	547.8	569.3	586.5	597.6	604.6	620.1	632.2	635.2
20°	533.4	536.4	552.2	577.1	602.3	620.4	628.2	627.1	635.9	646.3	648.7
22.5°	561.9	564.0	583.1	611.0	639.9	658.7	661.8	650.7	650.3	657.1	660.1
25°	595.6	597.2	617.4	649.7	680.2	700.1	697.1	677.9	667.8	668.1	670.2
27.5°	634.9	638.2	659.1	692.0	723.6	741.8	737.4	709.5	689.7	683.6	682.3
30°	686.0	689.7	710.8	742.4	770.3	786.5	779.7	744.4	714.9	704.8	702.8
32.5°	752.5	752.2	774.0	804.6	824.1	834.5	821.4	781.4	744.1	730.7	728.0
35°	821.1	824.4	845.9	875.5	890.3	891.0	870.1	825.1	780.7	757.5	752.5
37.5°	898.4	900.0	924.9	952.8	962.6	957.2	926.3	876.2	825.1	800.6	791.8
40°	977.7	979.4	1008.3	1035.2	1045.9	1033.1	992.5	932.6	877.5	850.6	845.6
42.5°	1051.3	1055.7	1087.9	1119.5	1129.9	1115.1	1066.1	994.5	933.0	907.1	900.4
45°	1112.5	1117.2	1153.5	1193.8	1212.3	1200.2	1144.7	1064.1	996.8	968.9	957.5
47.5°	1158.5	1164.6	1203.2	1251.6	1287.6	1285.2	1228.4	1137.7	1065.4	1032.5	1022.0
50°	1190.1	1196.5	1238.2	1290.2	1344.4	1362.5	1313.4	1219.0	1141.7	1104.7	1097.7
52.5°	1192.4	1198.2	1245.9	1310.8	1383.0	1423.0	1397.1	1304.7	1225.7	1187.4	1182.4
55°	1140.0	1144.0	1207.6	1293.9	1398.8	1469.4	1473.4	1398.1	1315.5	1276.8	1274.5
57.5°	1019.7	1025.4	1101.4	1215.6	1372.6	1499.3	1539.6	1495.9	1417.0	1380.7	1378.6
60°	823.8	831.2	917.9	1069.8	1277.8	1491.6	1595.8	1587.7	1527.9	1492.6	1491.2
62.5°	581.1	583.8	674.2	841.6	1092.3	1409.6	1623.0	1677.1	1642.8	1607.2	1609.2
65°	341.5	345.2	411.4	561.9	828.5	1221.0	1575.9	1739.3	1734.9	1702.3	1705.7
67.5°	180.5	180.5	213.8	307.2	520.9	914.2	1388.7	1705.0	1762.1	1733.6	1735.2
70°	124.7	124.4	130.4	154.3	251.7	566.6	1038.9	1525.5	1706.7	1695.9	1700.3
72.5°	105.5	104.9	105.2	108.6	128.1	256.1	630.8	1175.0	1521.5	1537.9	1541.6
75°	92.4	91.4	90.7	90.1	91.8	116.3	287.7	724.9	1127.9	1231.4	1229.4
77.5°	79.7	79.0	78.3	76.0	73.3	76.3	117.6	326.0	580.1	684.6	677.2
80°	65.5	65.5	66.5	63.2	58.1	56.1	70.2	121.7	192.6	201.0	184.8
82.5°	51.4	51.4	56.5	51.8	45.7	40.7	48.7	64.9	78.3	63.5	51.8
85°	36.3	36.6	47.1	43.0	35.3	23.5	30.2	38.7	44.0	27.9	21.8
87.5°	14.8	15.8	29.2	23.2	22.2	11.8	14.1	17.1	21.8	11.8	9.4
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)