

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: P672820

Luminaire Tested: **CCP-SA-1B-735-U-RW**

Issue Date: 04/16/2023



**Test Information**

Test Method: LM-79-08  
Report Number: P672820  
Test Lab: INNOVATION CENTER(G2)  
Issue Date: 04/16/2023  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: INVUE  
Catalog Number: CCP-SA-1B-735-U-RW  
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @450mA w/ RW distribution lens  
Light Source: (16) 3500K CCT, 70 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 3465 lumens  
Efficiency: N/A  
Efficacy: 144.4 lumens/watt  
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')  
IES Classification: Type II - Medium  
BUG Rating: B2 - U0 - G2

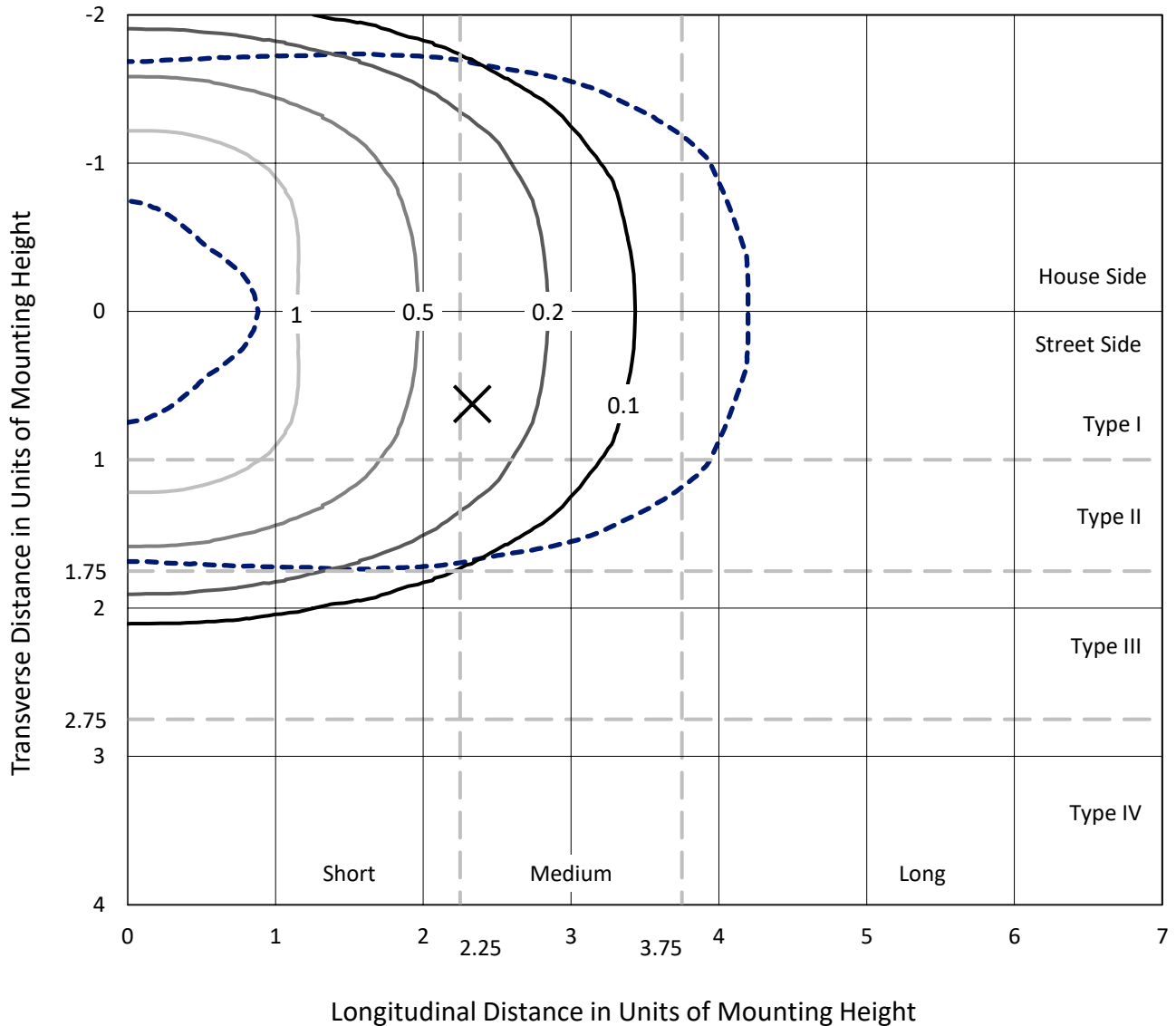
Input Watts (W): 24  
Input Voltage (V): 120  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT



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### Iso-Footcandle Lines of Horizontal Illumination

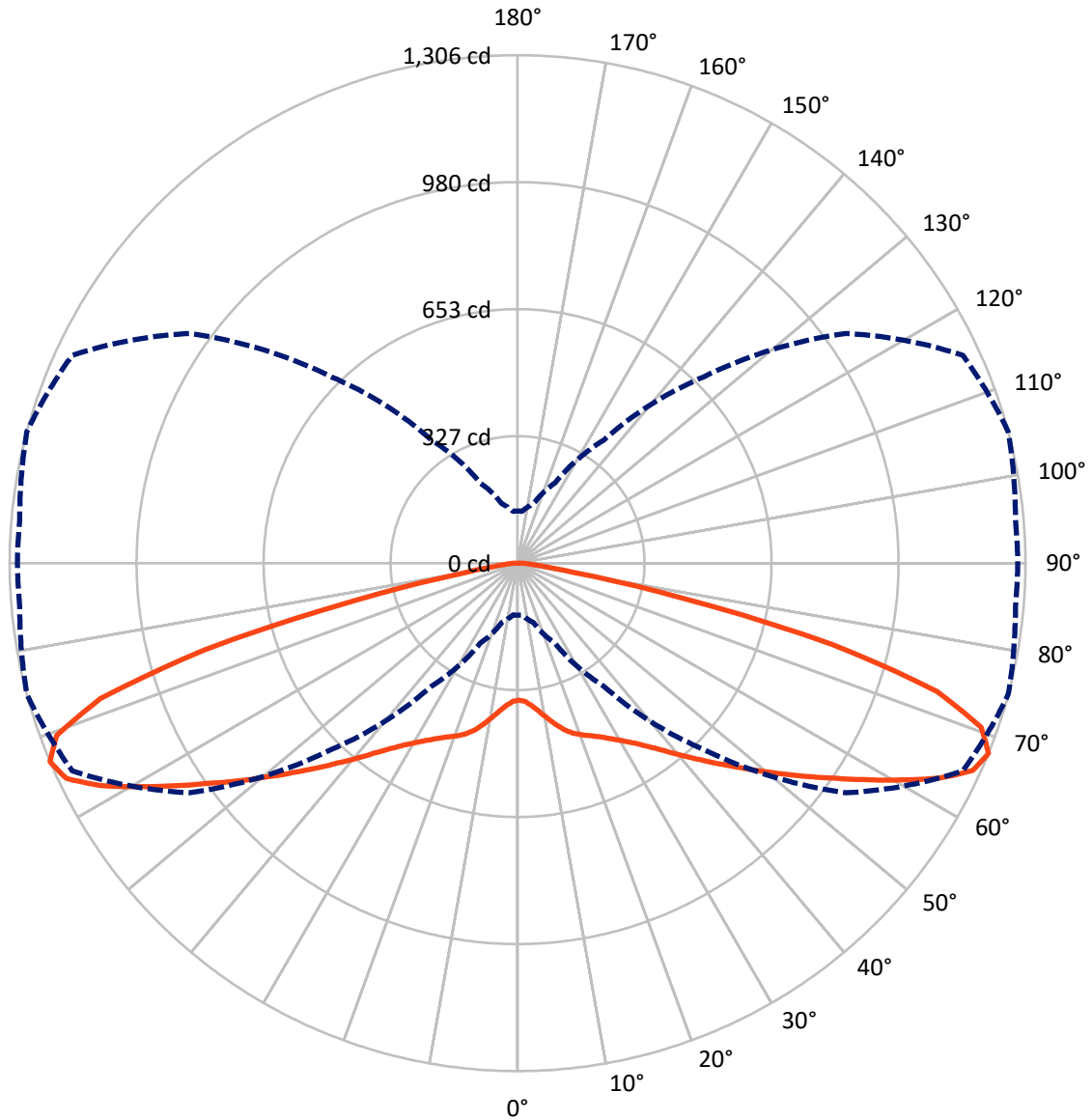
× Max cd  
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 1.8 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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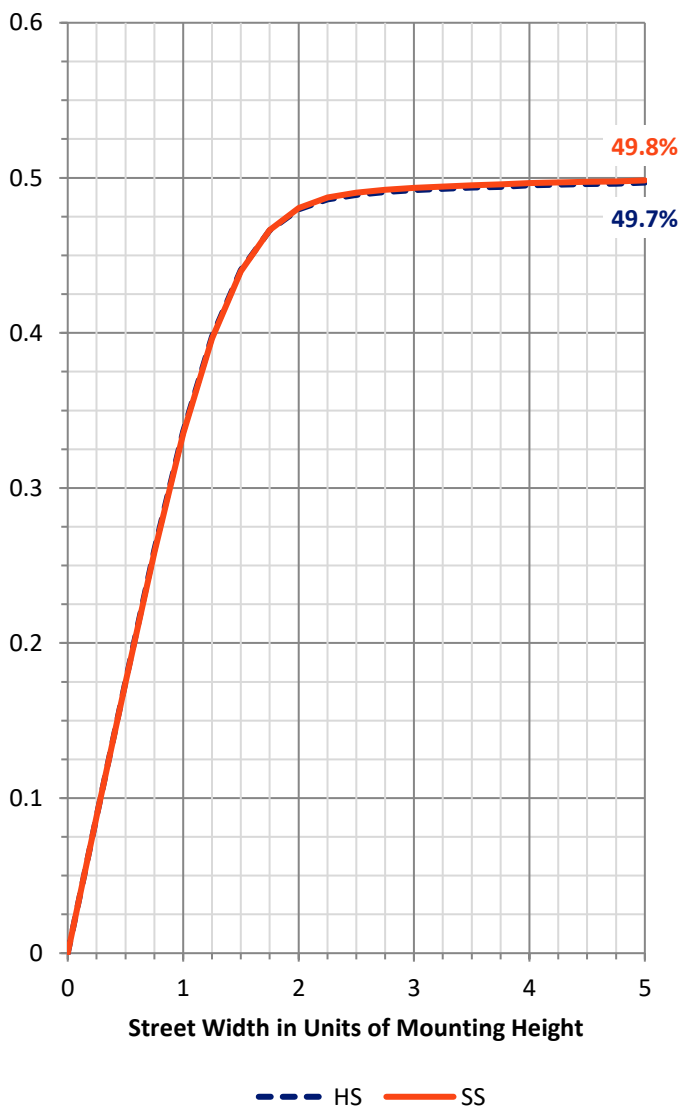
**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	1732.5	0.0	1732.5
	% Fixture	50.0	0.0	50.0
<b>Street Side</b>	Lumens	1732.5	0.0	1732.5
	% Fixture	50.0	0.0	50.0
<b>Total</b>	Lumens	3465.0	0.0	3465.0
	% Fixture	100.0	0.0	100.0

**Coefficient of Utilization**

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	34.9	1.0
10°-20°	117.5	3.4
20°-30°	229.5	6.6
30°-40°	395.9	11.4
40°-50°	641.4	18.5
50°-60°	872.3	25.2
60°-70°	804.7	23.2
70°-80°	336.7	9.7
80°-90°	32.1	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°	3465.0	100.0
0°-180°	3465.0	100.0



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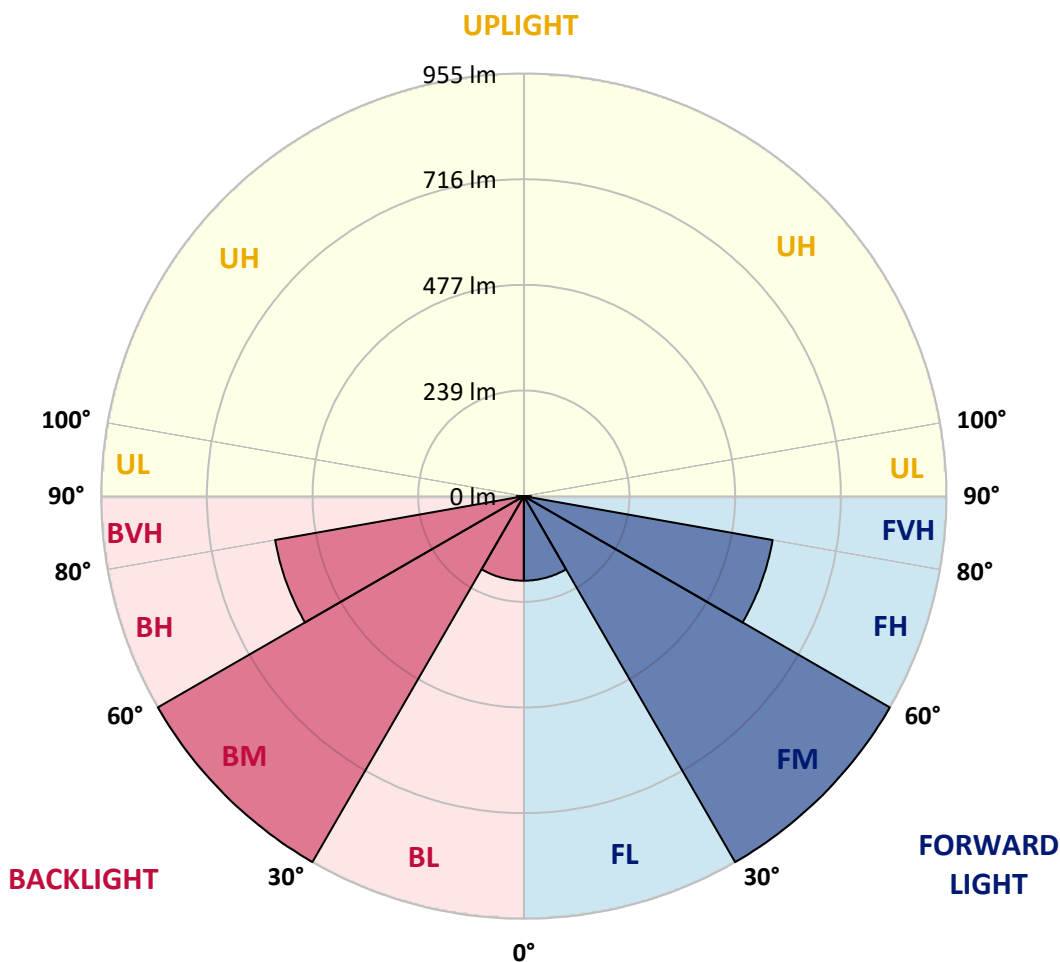
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	191.0	5.5			
FM (30°-60°)	954.8	27.6			
FH (60°-80°)	570.7	16.5			G0/660
FVH (80°-90°)	16.1	0.5			G1/100
BL (0°-30°)	191.0	5.5	B1/500		
BM (30°-60°)	954.8	27.6	B1/1000		
BH (60°-80°)	570.7	16.5	B2/1000		G2/1000
BVH (80°-90°)	16.1	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°	352.5	352.5	352.5	352.5	352.5	352.5	352.5	352.5	352.5	352.5	352.5
2.5°	350.3	350.3	351.3	352.5	353.0	354.0	354.3	354.3	355.8	355.5	355.8
5°	349.3	349.3	351.0	353.3	355.8	358.7	361.7	363.5	367.2	368.0	368.2
7.5°	350.3	350.5	353.0	356.7	361.0	366.5	372.2	376.9	383.2	385.4	386.9
10°	354.0	354.3	357.5	362.7	369.2	377.2	385.4	392.9	402.8	407.3	408.1
12.5°	359.7	360.0	364.7	373.2	382.4	392.4	401.6	411.1	423.5	430.2	431.7
15°	368.5	367.7	375.2	387.6	400.6	413.0	421.3	430.5	443.7	452.4	454.7
17.5°	380.4	380.9	390.1	406.1	422.0	434.7	442.9	448.2	459.6	468.6	470.8
20°	395.4	397.6	409.3	427.7	446.4	459.9	465.6	464.9	471.3	479.1	480.8
22.5°	416.5	418.0	432.2	452.9	474.3	488.3	490.5	482.3	482.1	487.0	489.3
25°	441.4	442.7	457.6	481.6	504.2	518.9	516.7	502.5	495.0	495.3	496.8
27.5°	470.6	473.1	488.5	512.9	536.4	549.8	546.6	525.9	511.2	506.7	505.7
30°	508.5	511.2	526.9	550.3	571.0	583.0	578.0	551.8	529.9	522.4	520.9
32.5°	557.8	557.5	573.7	596.4	610.9	618.6	608.9	579.2	551.6	541.6	539.6
35°	608.6	611.1	627.0	649.0	659.9	660.4	645.0	611.6	578.7	561.5	557.8
37.5°	665.9	667.2	685.6	706.3	713.5	709.5	686.6	649.5	611.6	593.4	586.9
40°	724.7	726.0	747.4	767.3	775.3	765.8	735.7	691.3	650.5	630.5	626.8
42.5°	779.3	782.5	806.4	829.8	837.6	826.6	790.2	737.2	691.6	672.4	667.4
45°	824.6	828.1	855.0	884.9	898.6	889.6	848.5	788.7	738.9	718.2	709.8
47.5°	858.7	863.2	891.9	927.7	954.4	952.7	910.6	843.3	789.7	765.3	757.6
50°	882.2	886.9	917.8	956.4	996.5	1010.0	973.6	903.6	846.3	818.9	813.6
52.5°	883.9	888.1	923.5	971.6	1025.1	1054.8	1035.6	967.1	908.6	880.2	876.4
55°	845.0	848.0	895.1	959.1	1036.9	1089.2	1092.2	1036.4	975.1	946.4	944.7
57.5°	755.8	760.1	816.4	901.1	1017.4	1111.3	1141.2	1108.9	1050.3	1023.4	1021.9
60°	610.6	616.1	680.4	793.0	947.2	1105.6	1182.8	1176.9	1132.5	1106.4	1105.4
62.5°	430.7	432.7	499.7	623.8	809.7	1044.8	1203.0	1243.1	1217.7	1191.3	1192.8
65°	253.1	255.9	304.9	416.5	614.1	905.1	1168.1	1289.2	1286.0	1261.8	1264.3
67.5°	133.8	133.8	158.4	227.7	386.1	677.6	1029.4	1263.8	1306.2	1285.0	1286.2
70°	92.4	92.2	96.7	114.3	186.6	420.0	770.0	1130.8	1265.1	1257.1	1260.3
72.5°	78.2	77.7	78.0	80.5	94.9	189.8	467.6	870.9	1127.8	1140.0	1142.7
75°	68.5	67.8	67.3	66.8	68.0	86.2	213.3	537.4	836.1	912.8	911.3
77.5°	59.0	58.5	58.0	56.3	54.3	56.6	87.2	241.7	430.0	507.5	502.0
80°	48.6	48.6	49.3	46.8	43.1	41.6	52.1	90.2	142.7	149.0	137.0
82.5°	38.1	38.1	41.9	38.4	33.9	30.1	36.1	48.1	58.0	47.1	38.4
85°	26.9	27.2	34.9	31.9	26.2	17.4	22.4	28.6	32.6	20.7	16.2
87.5°	11.0	11.7	21.7	17.2	16.4	8.7	10.5	12.7	16.2	8.7	7.0
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)