

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: P672555

Luminaire Tested: **CCP-SA-1C-750-U-5MQ**

Issue Date: 04/16/2023



**Test Information**

Test Method: LM-79-08  
Report Number: P672555  
Test Lab: INNOVATION CENTER(G2)  
Issue Date: 04/16/2023  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: INVUE  
Catalog Number: CCP-SA-1C-750-U-5MQ  
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @615mA w/ 5MQ  
distribution lens  
Light Source: (16) 5000K CCT, 70 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

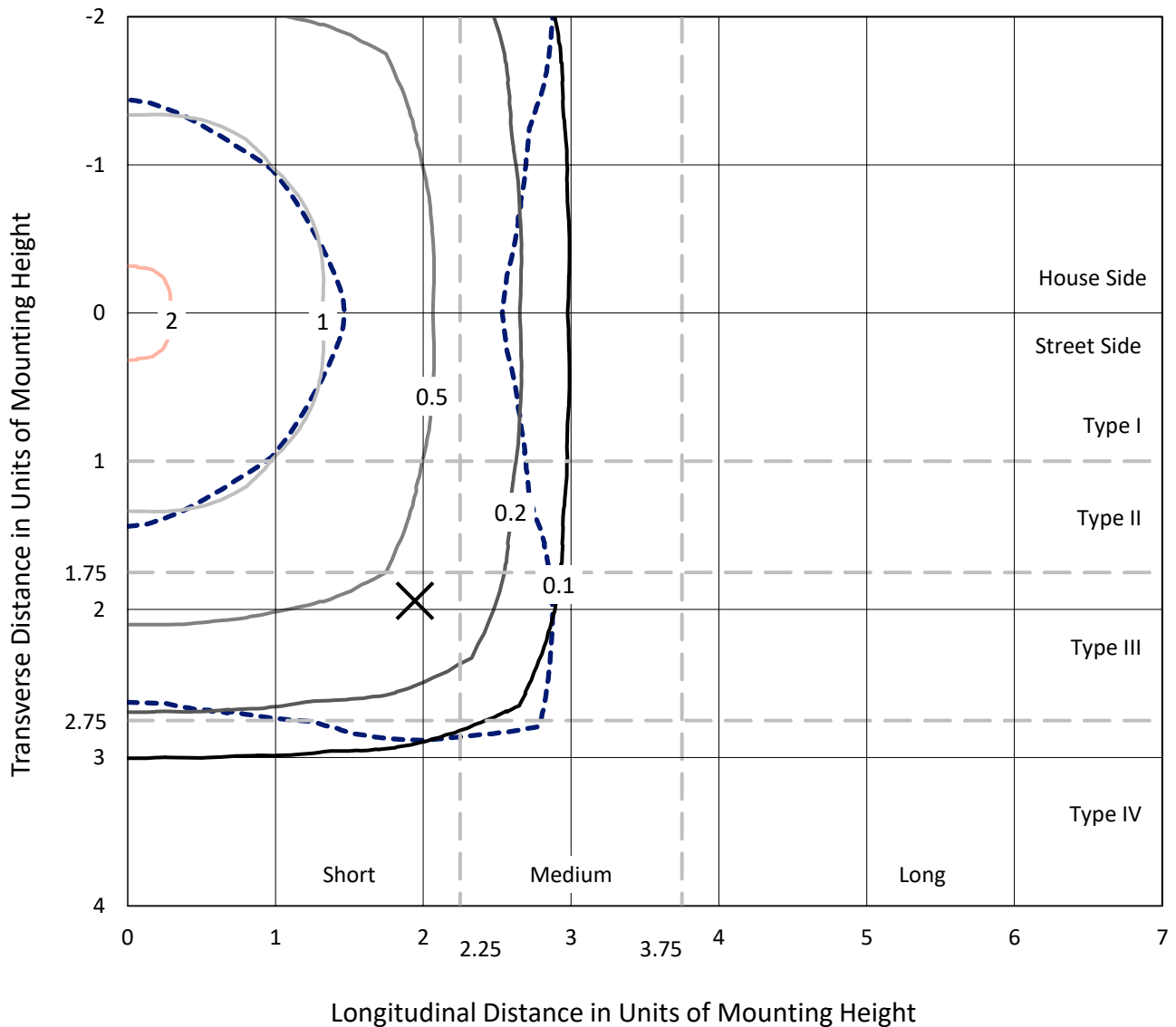
Lumens per Lamp: N/A  
Luminaire Lumens: 4773.9 lumens  
Efficiency: N/A  
Efficacy: 149.2 lumens/watt  
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')  
IES Classification: Type V - Short  
BUG Rating: B3 - U0 - G1

Input Watts (W): 32  
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

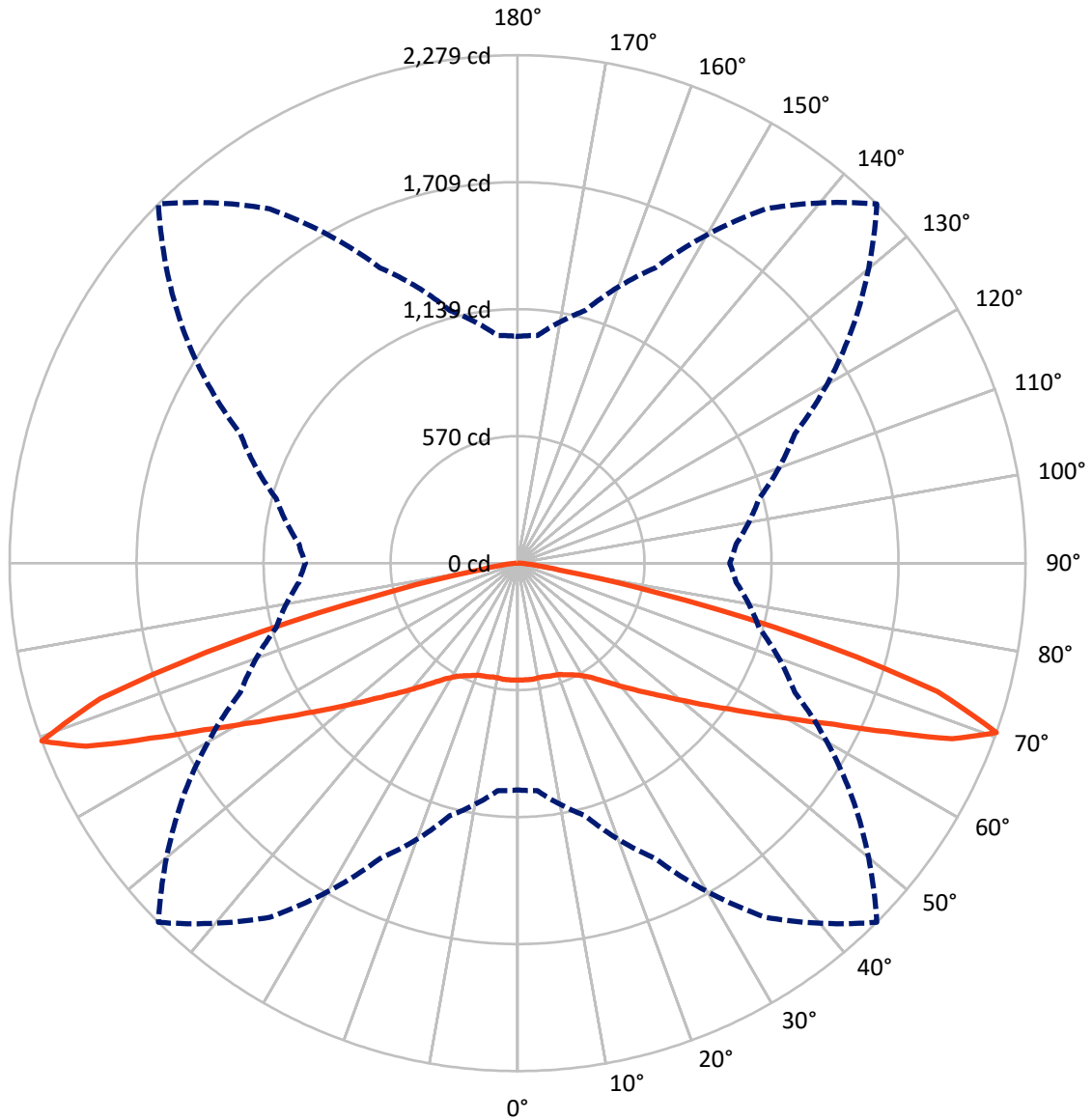
× Max cd  
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 2.3 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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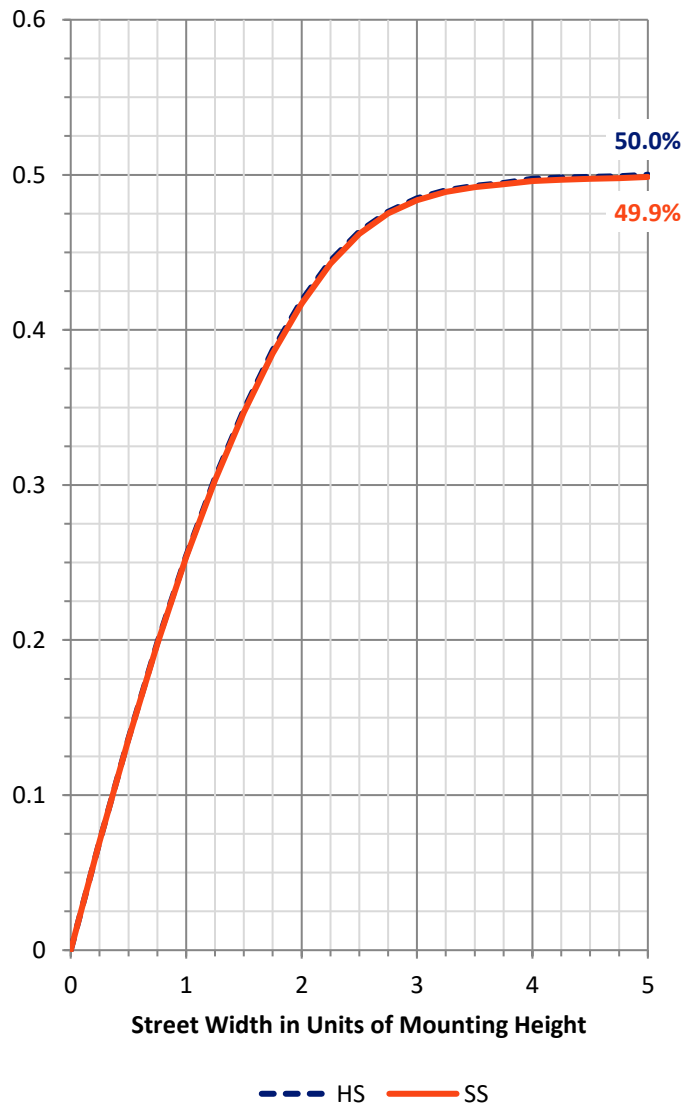
**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	2387.0	0.0	2387.0
	% Fixture	50.0	0.0	50.0
<b>Street Side</b>	Lumens	2387.0	0.0	2387.0
	% Fixture	50.0	0.0	50.0
<b>Total</b>	Lumens	4773.9	0.0	4773.9
	% Fixture	100.0	0.0	100.0

**Coefficient of Utilization**

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	49.9	1.0
10°-20°	147.8	3.1
20°-30°	252.4	5.3
30°-40°	402.8	8.4
40°-50°	649.9	13.6
50°-60°	1040.7	21.8
60°-70°	1523.6	31.9
70°-80°	670.1	14.0
80°-90°	36.7	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°	4773.9	100.0
0°-180°	4773.9	100.0



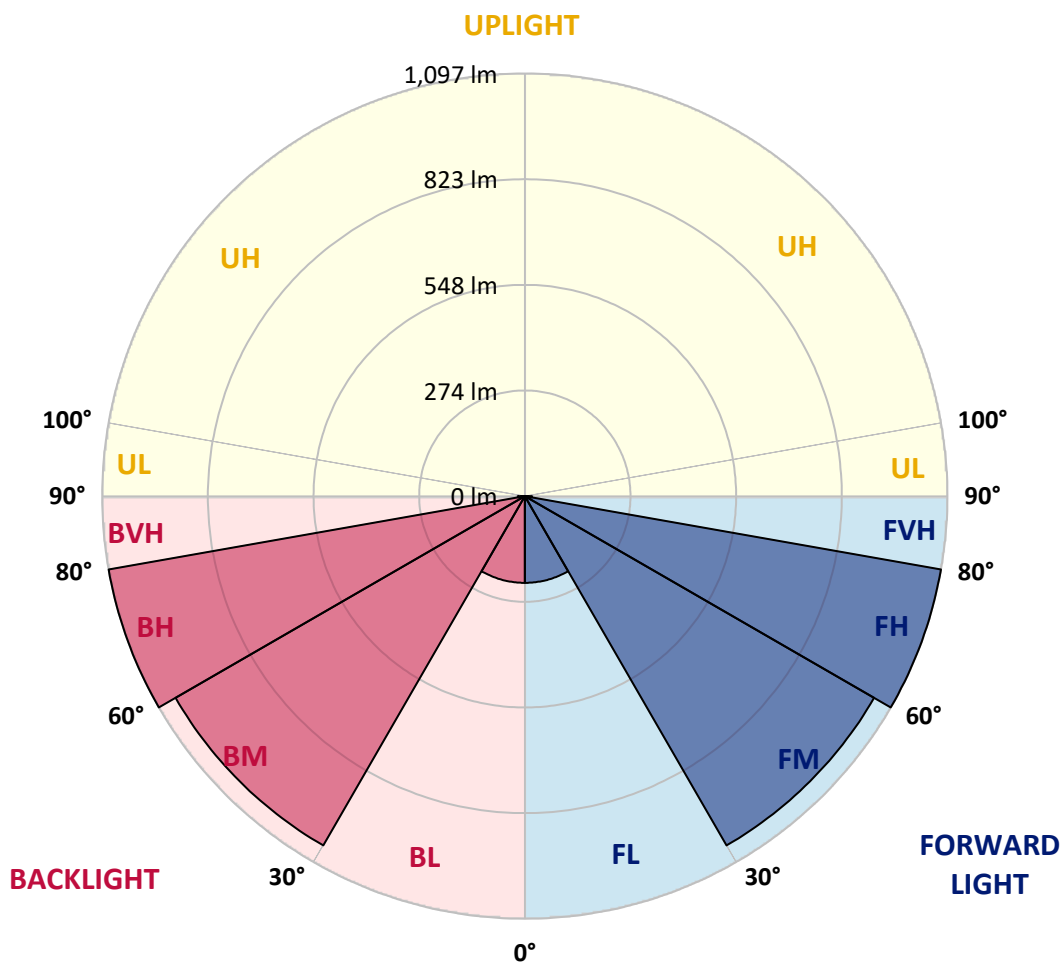
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	225.1	4.7			
FM (30°-60°)	1046.7	21.9			
FH (60°-80°)	1096.8	23.0			G1/1800
FVH (80°-90°)	18.4	0.4			G1/100
BL (0°-30°)	225.1	4.7	B1/500		
BM (30°-60°)	1046.7	21.9	B2/2500		
BH (60°-80°)	1096.8	23.0	B3/2500		G1/1800
BVH (80°-90°)	18.4	0.4			G1/100
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

**BUG Rating: B3-U0-G1**

Type V Short





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**CANDELA DISTRIBUTION (FULL):**

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	525.0	525.0	525.0	525.0	525.0	525.0	525.0	525.0	525.0	525.0	525.0
2.5°	524.3	524.0	524.6	525.0	524.3	524.6	522.6	522.6	523.6	522.6	524.0
5°	526.7	526.0	526.7	526.7	525.0	525.0	522.6	521.9	522.6	520.9	522.3
7.5°	527.0	525.7	526.7	526.3	525.0	525.0	521.6	520.2	520.6	518.9	519.9
10°	523.6	522.9	524.3	523.6	522.6	522.6	519.9	517.9	517.9	516.2	517.2
12.5°	521.6	520.9	522.6	522.9	522.3	522.6	519.2	516.5	515.5	513.5	514.2
15°	521.6	520.2	522.9	523.6	524.3	526.7	521.6	516.9	514.8	512.1	512.8
17.5°	521.3	520.6	523.6	526.0	526.7	529.4	523.6	518.5	516.2	512.1	512.8
20°	521.3	520.9	524.6	529.0	531.1	533.4	527.3	522.6	518.5	514.2	514.2
22.5°	522.9	522.6	527.7	534.1	539.9	543.9	536.8	529.0	523.6	517.9	517.2
25°	530.0	529.4	535.5	543.2	551.0	555.1	548.0	540.2	532.4	526.0	525.3
27.5°	544.6	544.3	550.3	559.8	565.2	568.3	562.2	555.4	547.6	540.2	539.9
30°	564.2	564.2	572.0	581.8	584.8	587.2	581.1	576.4	568.3	560.2	559.5
32.5°	587.9	589.2	598.4	609.2	611.2	612.6	606.2	603.1	594.3	585.5	584.2
35°	619.0	619.3	630.5	641.3	644.0	645.4	638.0	635.2	627.1	617.7	615.6
37.5°	658.6	657.6	668.1	680.2	682.9	684.6	678.5	676.5	666.4	656.9	653.9
40°	702.9	703.6	715.4	726.9	728.6	729.3	726.2	723.2	713.7	702.9	699.2
42.5°	754.3	754.3	768.2	781.7	781.7	778.3	777.0	776.3	767.2	755.0	750.9
45°	813.2	813.8	831.1	841.2	841.9	832.8	834.1	838.2	829.4	813.8	808.4
47.5°	877.8	878.8	899.1	910.2	908.2	896.4	903.8	905.9	895.7	875.7	868.6
50°	945.8	948.8	971.5	991.1	988.4	971.1	980.9	981.6	965.0	942.0	932.2
52.5°	1019.2	1026.3	1056.4	1077.3	1080.1	1058.4	1066.9	1066.2	1044.9	1013.4	1007.0
55°	1110.2	1114.2	1144.0	1173.8	1183.9	1157.2	1166.6	1161.9	1133.2	1097.3	1086.5
57.5°	1201.2	1207.2	1245.5	1278.9	1299.2	1276.6	1278.6	1266.4	1230.2	1186.9	1181.5
60°	1309.1	1311.8	1354.0	1397.7	1432.9	1419.3	1409.9	1384.5	1341.9	1298.6	1290.8
62.5°	1397.3	1402.8	1465.7	1529.9	1589.5	1591.8	1563.1	1525.2	1457.2	1384.8	1369.3
65°	1421.7	1430.5	1518.8	1645.6	1769.4	1824.6	1745.7	1630.1	1478.2	1368.9	1345.6
67.5°	1308.4	1325.3	1451.5	1662.2	1936.9	2102.3	1891.2	1580.3	1368.2	1240.7	1218.4
70°	1017.5	1024.9	1173.1	1462.3	1939.6	2278.8	1832.7	1372.3	1121.7	984.7	951.9
72.5°	540.5	544.3	677.9	984.7	1578.3	1968.7	1514.4	960.3	660.3	535.8	498.3
75°	174.5	179.3	233.4	403.2	870.7	1322.9	893.0	399.5	227.6	183.7	173.9
77.5°	89.0	88.6	98.4	129.9	292.9	648.4	309.8	140.0	98.4	88.3	85.6
80°	55.5	54.5	61.9	71.0	102.5	189.4	111.3	78.5	62.2	53.4	53.1
82.5°	31.5	31.5	41.6	45.7	57.8	78.1	64.9	53.8	42.6	31.8	30.8
85°	17.6	15.6	26.0	28.8	33.1	38.6	39.6	34.8	28.8	17.6	18.3
87.5°	6.4	7.1	12.2	11.5	13.2	9.1	16.2	18.3	16.2	8.5	7.1
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)