

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: P672559

Luminaire Tested: **CCP-SA-2A-750-U-5MQ**

Issue Date: 04/16/2023



**Test Information**

Test Method: LM-79-08  
Report Number: P672559  
Test Lab: INNOVATION CENTER(G2)  
Issue Date: 04/16/2023  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: INVUE  
Catalog Number: CCP-SA-2A-750-U-5MQ  
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @350mA w/ 5MQ  
distribution lens  
Light Source: (32) 5000K CCT, 70 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

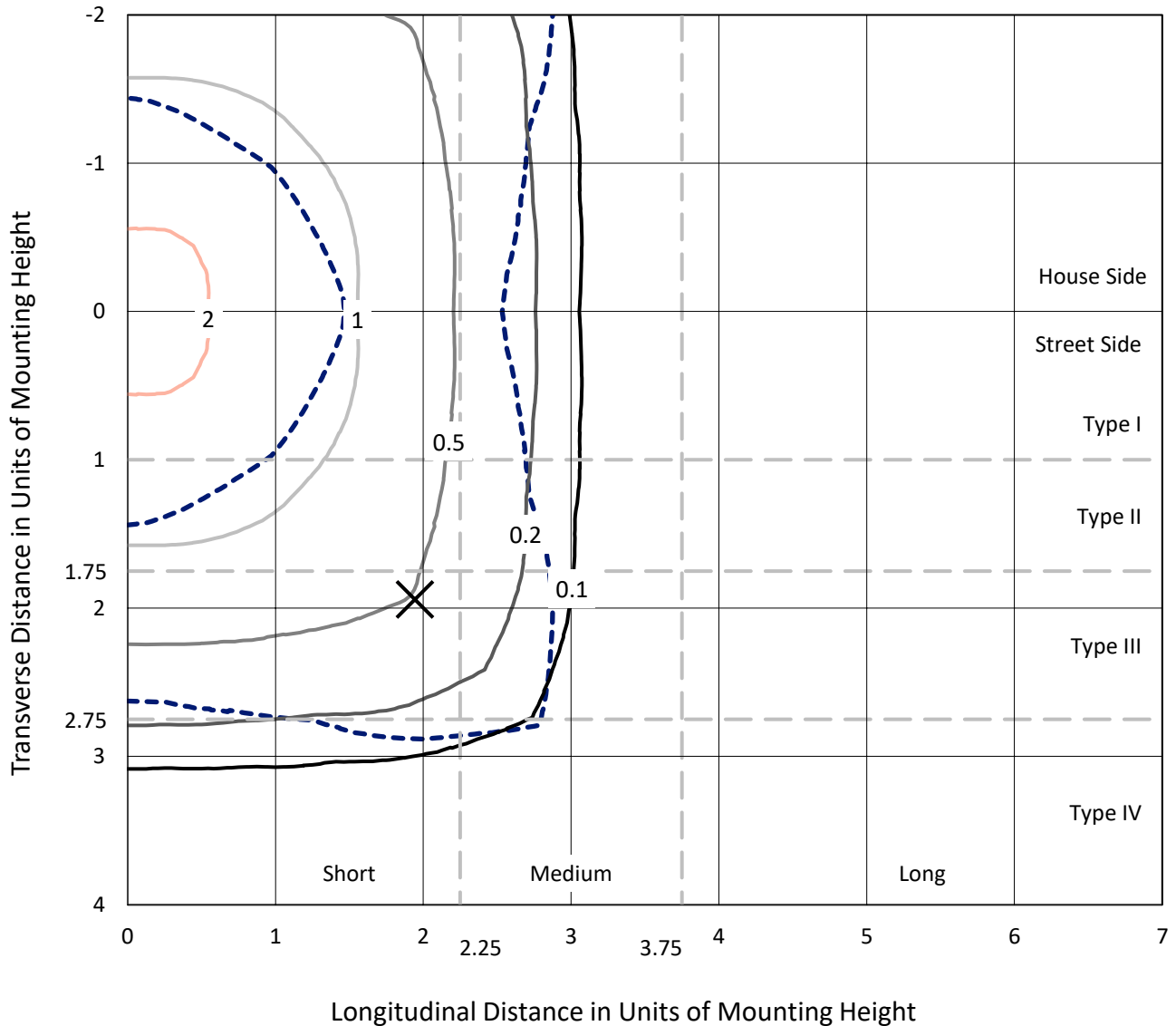
Lumens per Lamp: N/A  
Luminaire Lumens: 5777.4 lumens  
Efficiency: N/A  
Efficacy: 159.6 lumens/watt  
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')  
IES Classification: Type V - Short  
BUG Rating: B3 - U0 - G1

Input Watts (W): 36.2  
Input Voltage (V): 120  
Input Current (A<sub>in</sub>): 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

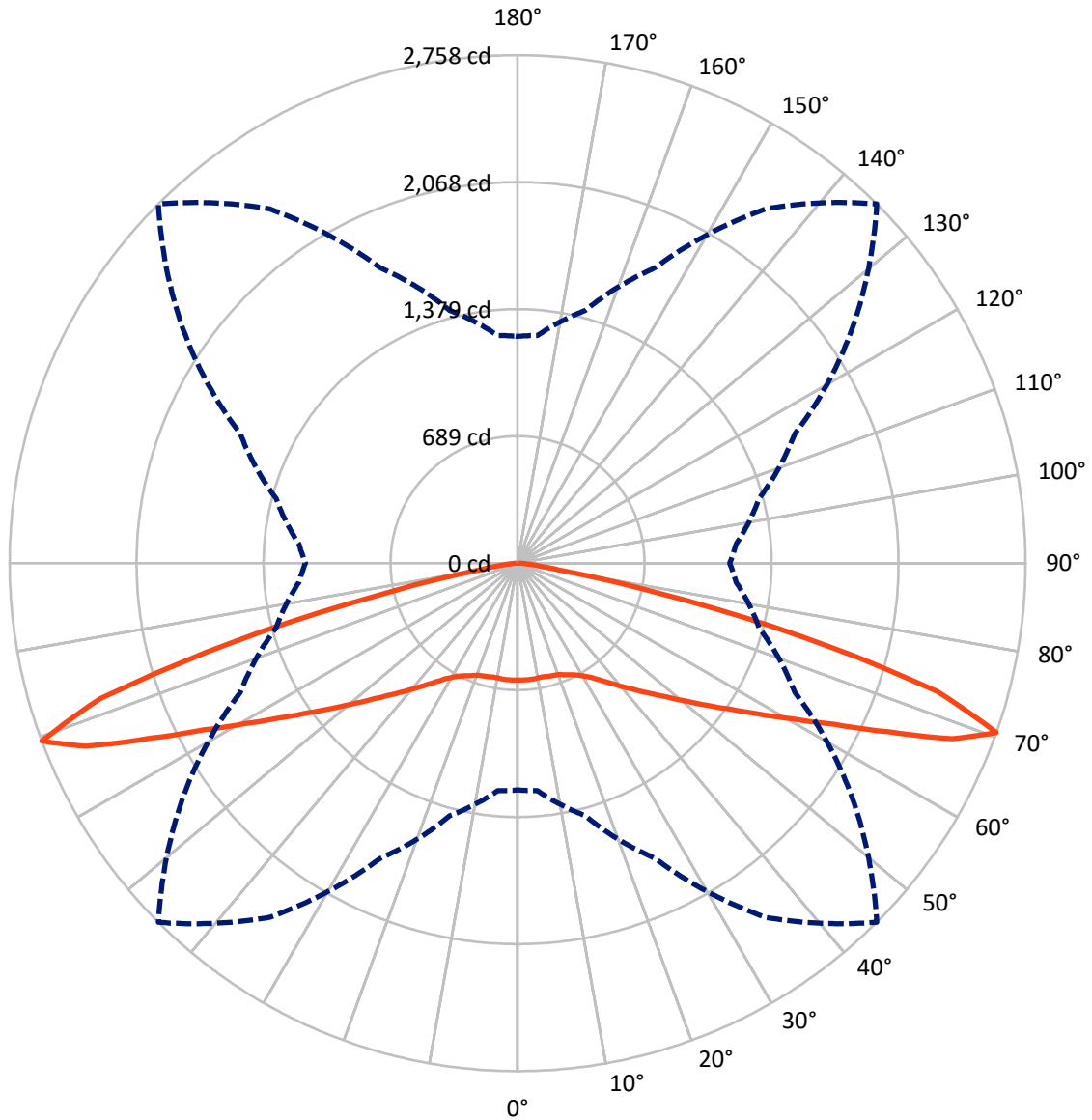
× Max cd  
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 2.8 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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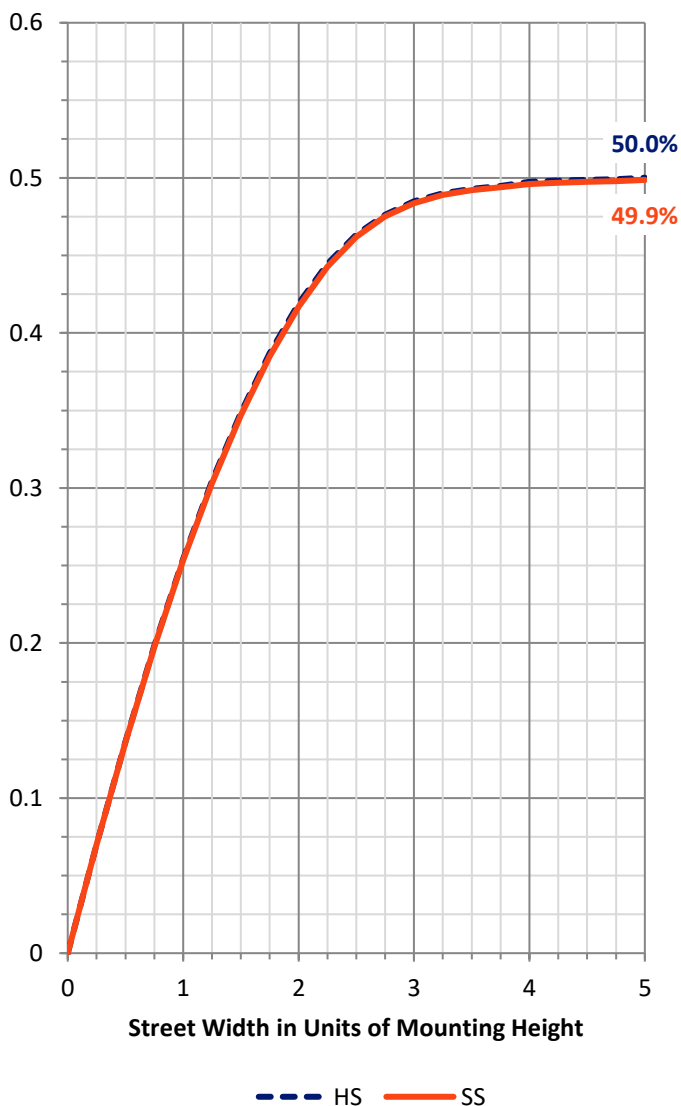
**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	2888.7	0.0	2888.7
	% Fixture	50.0	0.0	50.0
<b>Street Side</b>	Lumens	2888.7	0.0	2888.7
	% Fixture	50.0	0.0	50.0
<b>Total</b>	Lumens	5777.4	0.0	5777.4
	% Fixture	100.0	0.0	100.0

**Coefficient of Utilization**

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	60.4	1.0
10°-20°	178.9	3.1
20°-30°	305.4	5.3
30°-40°	487.4	8.4
40°-50°	786.6	13.6
50°-60°	1259.5	21.8
60°-70°	1843.8	31.9
70°-80°	810.9	14.0
80°-90°	44.4	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°	5777.4	100.0
0°-180°	5777.4	100.0



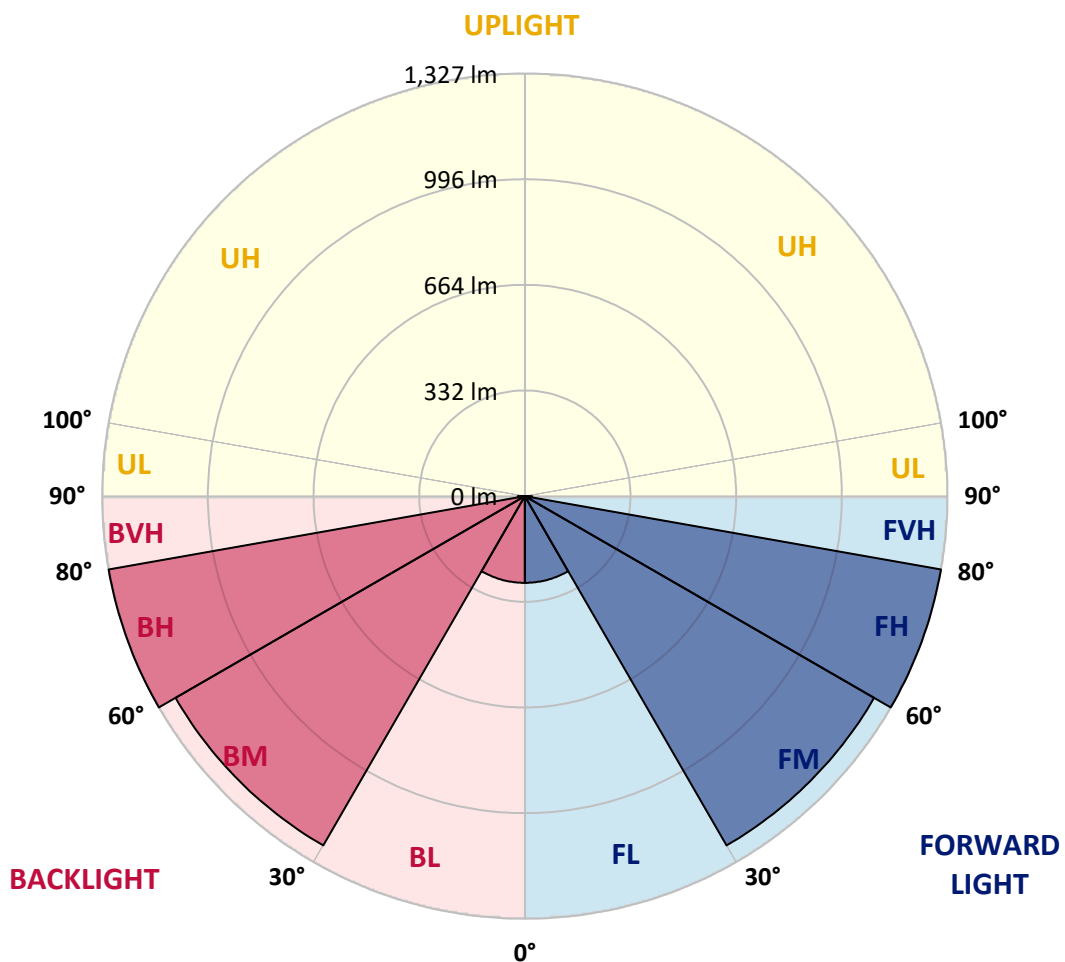
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	272.4	4.7			
FM (30°-60°)	1266.7	21.9			
FH (60°-80°)	1327.4	23.0			G1/1800
FVH (80°-90°)	22.2	0.4			G1/100
BL (0°-30°)	272.4	4.7	B1/500		
BM (30°-60°)	1266.7	21.9	B2/2500		
BH (60°-80°)	1327.4	23.0	B3/2500		G1/1800
BVH (80°-90°)	22.2	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°	635.3	635.3	635.3	635.3	635.3	635.3	635.3	635.3	635.3	635.3	635.3
2.5°	634.5	634.1	634.9	635.3	634.5	634.9	632.5	632.5	633.7	632.5	634.1
5°	637.4	636.6	637.4	637.4	635.3	635.3	632.5	631.6	632.5	630.4	632.0
7.5°	637.8	636.1	637.4	637.0	635.3	635.3	631.2	629.6	630.0	628.0	629.2
10°	633.7	632.9	634.5	633.7	632.5	632.5	629.2	626.7	626.7	624.7	625.9
12.5°	631.2	630.4	632.5	632.9	632.0	632.5	628.4	625.1	623.9	621.4	622.2
15°	631.2	629.6	632.9	633.7	634.5	637.4	631.2	625.5	623.0	619.8	620.6
17.5°	630.8	630.0	633.7	636.6	637.4	640.6	633.7	627.5	624.7	619.8	620.6
20°	630.8	630.4	634.9	640.2	642.7	645.6	638.2	632.5	627.5	622.2	622.2
22.5°	632.9	632.5	638.6	646.4	653.3	658.2	649.7	640.2	633.7	626.7	625.9
25°	641.5	640.6	648.0	657.4	666.8	671.8	663.2	653.7	644.3	636.6	635.7
27.5°	659.1	658.7	666.0	677.5	684.0	687.7	680.4	672.2	662.8	653.7	653.3
30°	682.8	682.8	692.2	704.1	707.8	710.6	703.3	697.5	687.7	677.9	677.1
32.5°	711.5	713.1	724.2	737.3	739.7	741.3	733.6	729.9	719.2	708.6	707.0
35°	749.1	749.5	763.0	776.1	779.4	781.1	772.1	768.8	759.0	747.5	745.0
37.5°	797.0	795.8	808.5	823.2	826.5	828.5	821.2	818.7	806.4	795.0	791.3
40°	850.6	851.5	865.8	879.7	881.8	882.6	878.9	875.2	863.7	850.6	846.1
42.5°	912.9	912.9	929.7	946.0	946.0	941.9	940.3	939.5	928.4	913.7	908.8
45°	984.1	984.9	1005.8	1018.1	1018.9	1007.8	1009.5	1014.4	1003.7	984.9	978.4
47.5°	1062.3	1063.5	1088.1	1101.6	1099.1	1084.8	1093.8	1096.3	1084.0	1059.8	1051.2
50°	1144.6	1148.3	1175.7	1199.4	1196.1	1175.3	1187.1	1188.0	1167.9	1140.1	1128.2
52.5°	1233.4	1242.0	1278.4	1303.8	1307.1	1280.9	1291.1	1290.3	1264.5	1226.4	1218.7
55°	1343.5	1348.4	1384.5	1420.5	1432.8	1400.4	1411.9	1406.1	1371.4	1328.0	1314.9
57.5°	1453.6	1461.0	1507.3	1547.8	1572.3	1544.9	1547.4	1532.6	1488.8	1436.4	1429.9
60°	1584.2	1587.5	1638.7	1691.5	1734.0	1717.7	1706.2	1675.5	1623.9	1571.5	1562.1
62.5°	1691.1	1697.6	1773.8	1851.5	1923.6	1926.4	1891.6	1845.8	1763.5	1675.9	1657.1
65°	1720.5	1731.2	1838.0	1991.5	2141.4	2208.1	2112.7	1972.7	1788.9	1656.7	1628.4
67.5°	1583.4	1603.9	1756.6	2011.6	2344.0	2544.2	2288.7	1912.5	1655.9	1501.5	1474.5
70°	1231.4	1240.4	1419.7	1769.7	2347.3	2757.8	2217.9	1660.8	1357.4	1191.6	1151.9
72.5°	654.2	658.7	820.4	1191.6	1910.1	2382.5	1832.7	1162.2	799.1	648.4	603.0
75°	211.2	217.0	282.5	488.0	1053.7	1601.0	1080.7	483.5	275.5	222.3	210.4
77.5°	107.7	107.3	119.1	157.2	354.5	784.7	375.0	169.5	119.1	106.8	103.6
80°	67.1	65.9	74.9	86.0	124.0	229.2	134.7	95.0	75.3	64.7	64.3
82.5°	38.1	38.1	50.4	55.3	70.0	94.6	78.6	65.1	51.6	38.5	37.3
85°	21.3	18.8	31.5	34.8	40.1	46.7	47.9	42.2	34.8	21.3	22.1
87.5°	7.8	8.6	14.7	13.9	16.0	11.1	19.6	22.1	19.6	10.2	8.6
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)