

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: P672503

Luminaire Tested: **CCP-SA-1F-722-U-5MQ**

Issue Date: 04/16/2023



**Test Information**

Test Method: LM-79-08  
Report Number: P672503  
Test Lab: INNOVATION CENTER(G2)  
Issue Date: 04/16/2023  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: INVUE  
Catalog Number: CCP-SA-1F-722-U-5MQ  
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @1200mA w/ 5MQ distribution lens  
Light Source: (16) 2200K CCT, 70 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

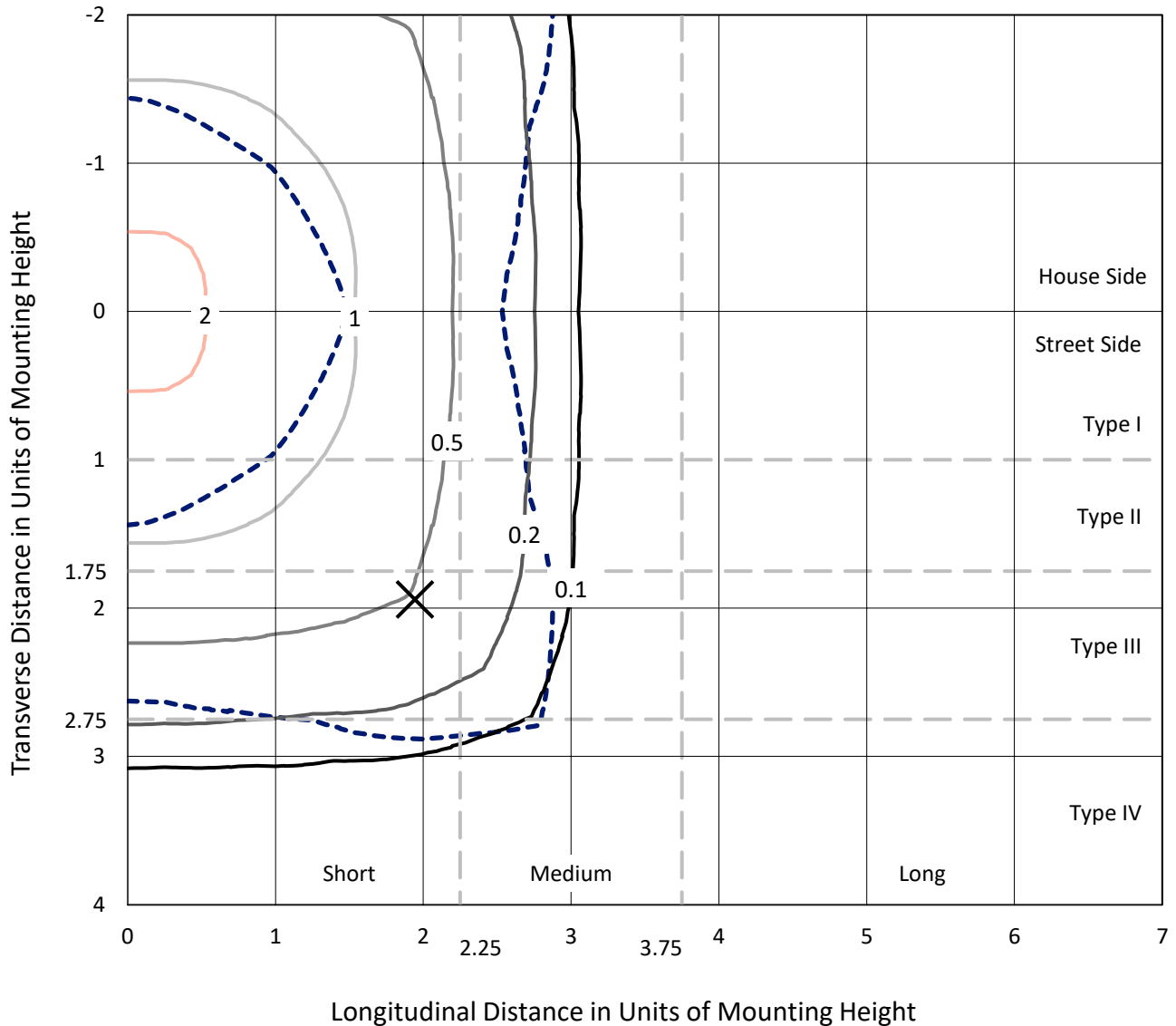
Lumens per Lamp: N/A  
Luminaire Lumens: 5700.9 lumens  
Efficiency: N/A  
Efficacy: 85.1 lumens/watt  
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')  
IES Classification: Type V - Short  
BUG Rating: B3 - U0 - G1

Input Watts (W): 67  
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

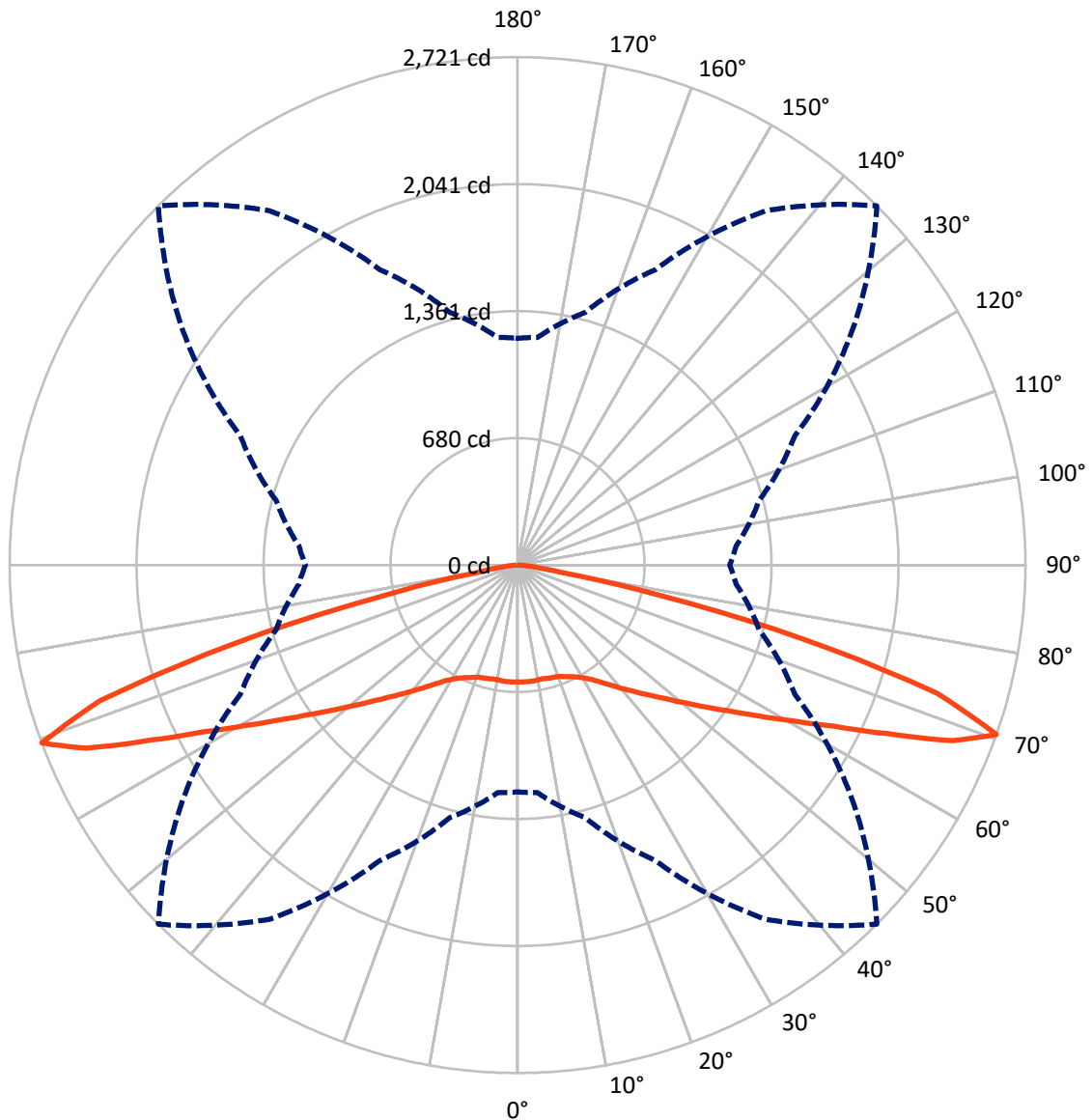
× Max cd  
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 2.8 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	2850.4	0.0	2850.4
	% Fixture	50.0	0.0	50.0
<b>Street Side</b>	Lumens	2850.4	0.0	2850.4
	% Fixture	50.0	0.0	50.0
<b>Total</b>	Lumens	5700.9	0.0	5700.9
	% Fixture	100.0	0.0	100.0

**Coefficient of Utilization**

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	59.6	1.0
10°-20°	176.5	3.1
20°-30°	301.4	5.3
30°-40°	481.0	8.4
40°-50°	776.1	13.6
50°-60°	1242.8	21.8
60°-70°	1819.4	31.9
70°-80°	800.2	14.0
80°-90°	43.9	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°	5700.9	100.0
0°-180°	5700.9	100.0



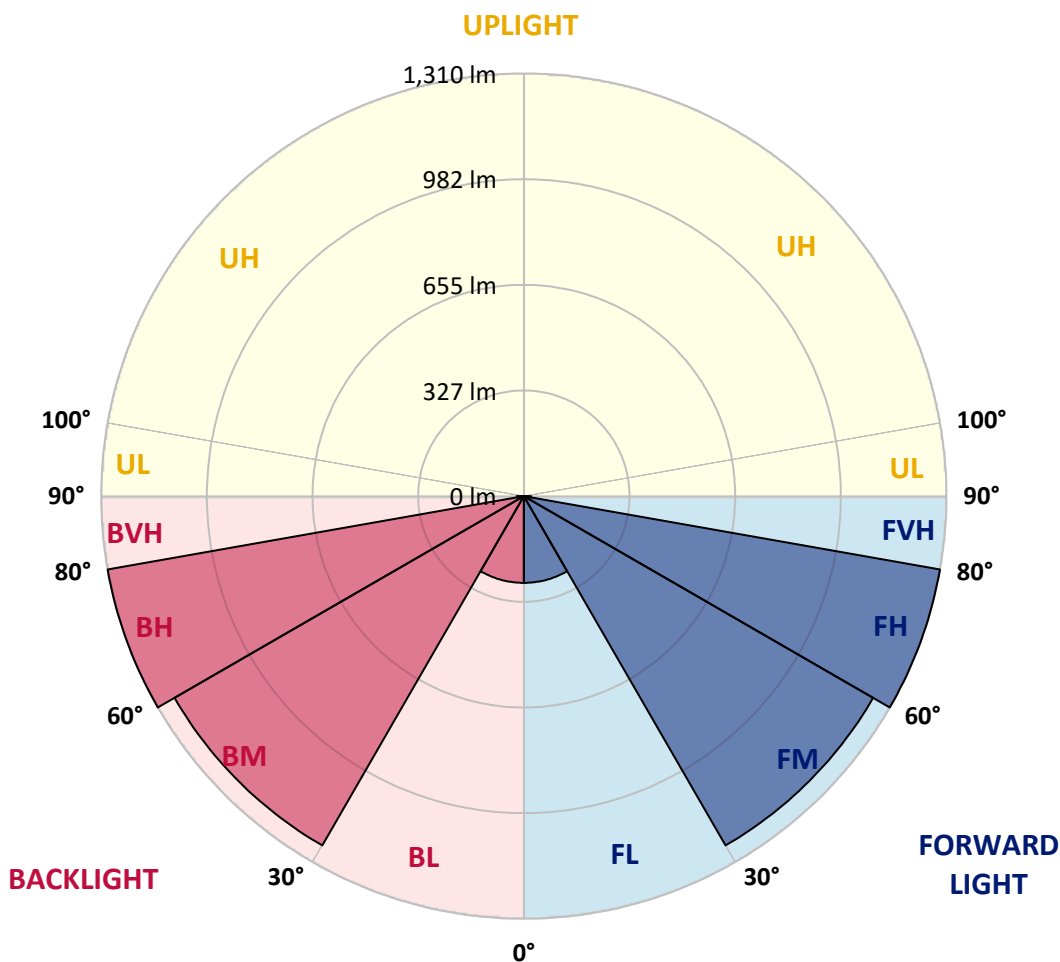
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	268.8	4.7			
FM (30°-60°)	1250.0	21.9			
FH (60°-80°)	1309.8	23.0			G1/1800
FVH (80°-90°)	21.9	0.4			G1/100
BL (0°-30°)	268.8	4.7	B1/500		
BM (30°-60°)	1250.0	21.9	B2/2500		
BH (60°-80°)	1309.8	23.0	B3/2500		G1/1800
BVH (80°-90°)	21.9	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°	626.9	626.9	626.9	626.9	626.9	626.9	626.9	626.9	626.9	626.9	626.9
2.5°	626.1	625.7	626.5	626.9	626.1	626.5	624.1	624.1	625.3	624.1	625.7
5°	628.9	628.1	628.9	628.9	626.9	626.9	624.1	623.3	624.1	622.1	623.7
7.5°	629.3	627.7	628.9	628.5	626.9	626.9	622.9	621.3	621.7	619.6	620.8
10°	625.3	624.5	626.1	625.3	624.1	624.1	620.8	618.4	618.4	616.4	617.6
12.5°	622.9	622.1	624.1	624.5	623.7	624.1	620.0	616.8	615.6	613.2	614.0
15°	622.9	621.3	624.5	625.3	626.1	628.9	622.9	617.2	614.8	611.6	612.4
17.5°	622.5	621.7	625.3	628.1	628.9	632.2	625.3	619.2	616.4	611.6	612.4
20°	622.5	622.1	626.5	631.8	634.2	637.0	629.7	624.1	619.2	614.0	614.0
22.5°	624.5	624.1	630.1	637.8	644.7	649.5	641.0	631.8	625.3	618.4	617.6
25°	633.0	632.2	639.4	648.7	658.0	662.9	654.4	645.1	635.8	628.1	627.3
27.5°	650.3	649.9	657.2	668.5	675.0	678.6	671.3	663.3	654.0	645.1	644.7
30°	673.8	673.8	683.1	694.8	698.4	701.2	694.0	688.3	678.6	668.9	668.1
32.5°	702.0	703.7	714.6	727.5	729.9	731.5	723.9	720.2	709.7	699.2	697.6
35°	739.2	739.6	752.9	765.9	769.1	770.7	761.8	758.6	748.9	737.6	735.2
37.5°	786.5	785.3	797.8	812.3	815.5	817.6	810.3	807.9	795.8	784.4	780.8
40°	839.4	840.2	854.3	868.1	870.1	870.9	867.3	863.6	852.3	839.4	834.9
42.5°	900.8	900.8	917.3	933.5	933.5	929.5	927.8	927.0	916.1	901.6	896.7
45°	971.1	971.9	992.5	1004.6	1005.4	994.5	996.1	1001.0	990.5	971.9	965.4
47.5°	1048.2	1049.4	1073.7	1087.0	1084.6	1070.4	1079.3	1081.7	1069.6	1045.8	1037.3
50°	1129.4	1133.0	1160.1	1183.5	1180.3	1159.7	1171.4	1172.2	1152.4	1125.0	1113.2
52.5°	1217.1	1225.5	1261.5	1286.5	1289.8	1263.9	1274.0	1273.2	1247.8	1210.2	1202.5
55°	1325.7	1330.6	1366.1	1401.7	1413.8	1381.9	1393.2	1387.5	1353.2	1310.4	1297.4
57.5°	1434.4	1441.6	1487.3	1527.3	1551.5	1524.5	1526.9	1512.3	1469.1	1417.4	1410.9
60°	1563.2	1566.5	1617.0	1669.1	1711.1	1694.9	1683.6	1653.3	1602.4	1550.7	1541.4
62.5°	1668.7	1675.1	1750.3	1827.0	1898.1	1900.9	1866.6	1821.3	1740.2	1653.7	1635.1
65°	1697.7	1708.2	1813.7	1965.1	2113.0	2178.8	2084.7	1946.6	1765.2	1634.7	1606.9
67.5°	1562.4	1582.6	1733.3	1984.9	2312.9	2510.5	2258.4	1887.2	1633.9	1481.6	1455.0
70°	1215.0	1223.9	1400.8	1746.2	2316.2	2721.3	2188.5	1638.8	1339.5	1175.9	1136.7
72.5°	645.5	649.9	809.5	1175.9	1884.8	2350.9	1808.4	1146.8	788.5	639.8	595.0
75°	208.4	214.1	278.7	481.5	1039.7	1579.8	1066.4	477.0	271.8	219.3	207.6
77.5°	106.2	105.8	117.5	155.1	349.8	774.3	370.0	167.2	117.5	105.4	102.2
80°	66.2	65.0	73.9	84.8	122.4	226.2	132.9	93.7	74.3	63.8	63.4
82.5°	37.6	37.6	49.7	54.5	69.1	93.3	77.6	64.2	50.9	38.0	36.8
85°	21.0	18.6	31.1	34.3	39.6	46.0	47.3	41.6	34.3	21.0	21.8
87.5°	7.7	8.5	14.5	13.7	15.8	10.9	19.4	21.8	19.4	10.1	8.5
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)