

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: P672502

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

Issue Date: 04/16/2023



**Test Information**

Test Method: LM-79-08  
Report Number: P672502  
Test Lab: INNOVATION CENTER(G2)  
Issue Date: 04/16/2023  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: INVUE  
Catalog Number: CCP-SA-1E-722-U-5MQ  
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @1050mA w/ 5MQ distribution lens  
Light Source: (16) 2200K CCT, 70 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

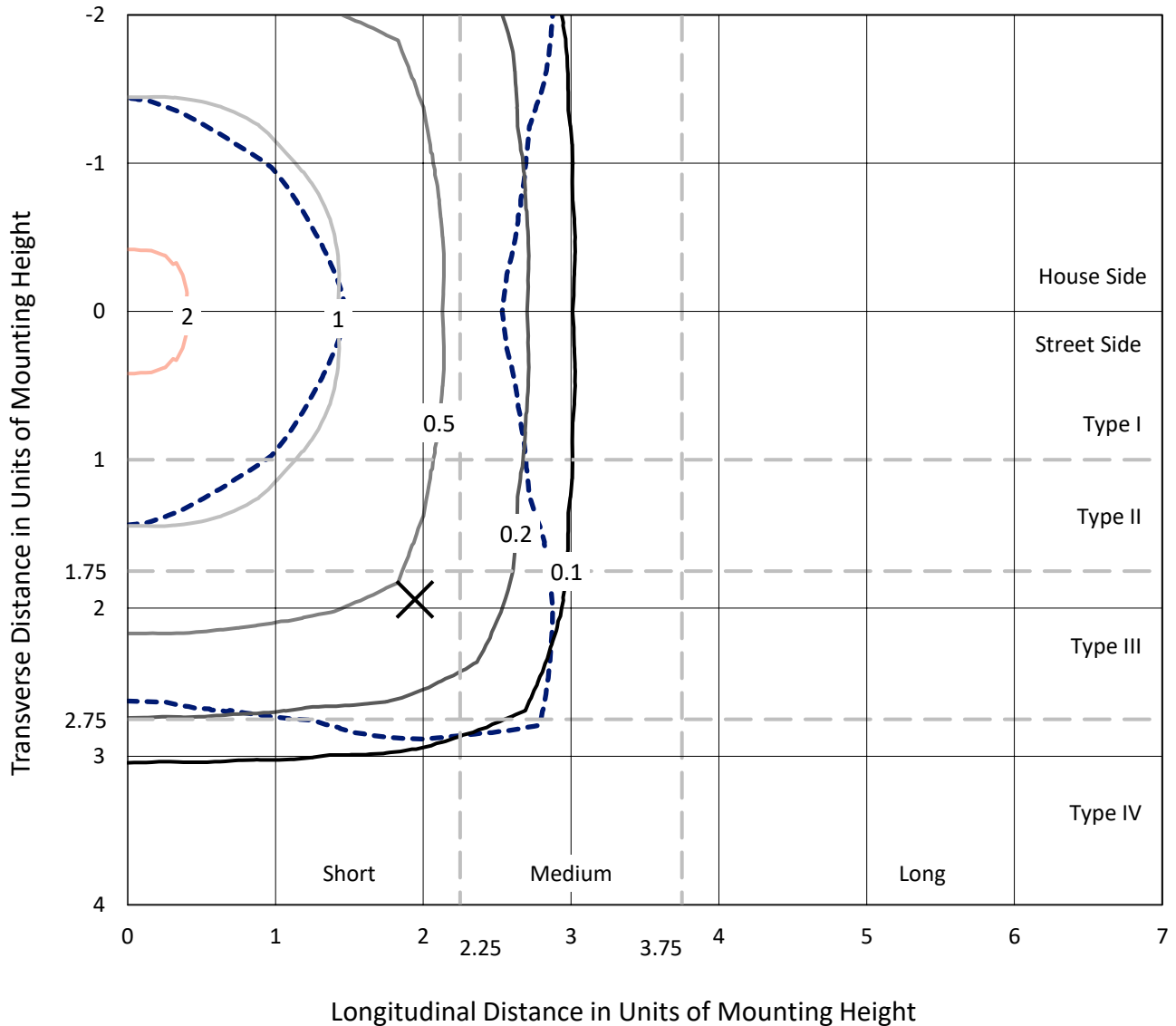
Lumens per Lamp: N/A  
Luminaire Lumens: 5198.5 lumens  
Efficiency: N/A  
Efficacy: 92.7 lumens/watt  
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')  
IES Classification: Type V - Short  
BUG Rating: B3 - U0 - G1

Input Watts (W): 56.1  
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

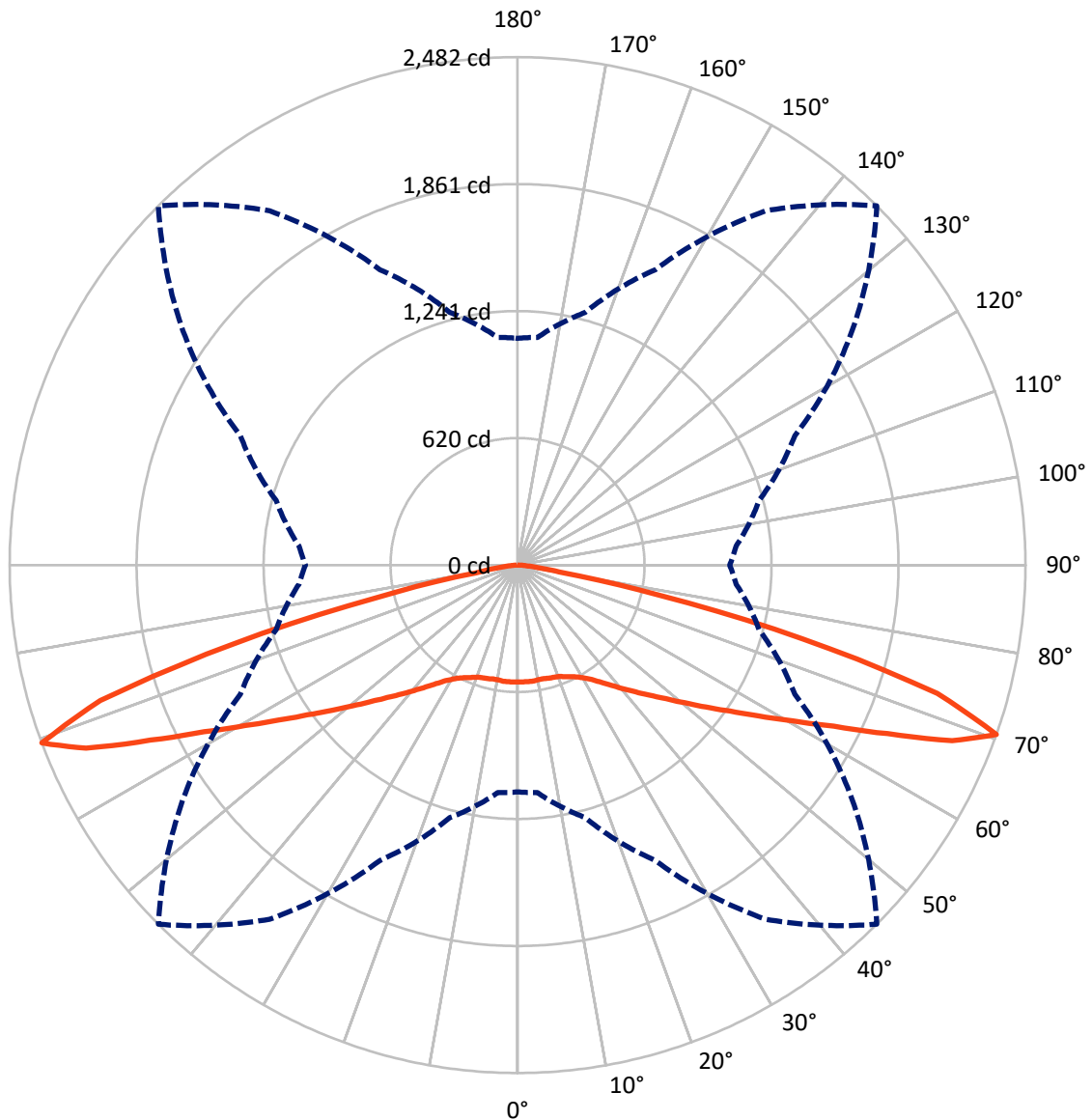
× Max cd  
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 2.5 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	2599.3	0.0	2599.3
	% Fixture	50.0	0.0	50.0
<b>Street Side</b>	Lumens	2599.3	0.0	2599.3
	% Fixture	50.0	0.0	50.0
<b>Total</b>	Lumens	5198.5	0.0	5198.5
	% Fixture	100.0	0.0	100.0

**Coefficient of Utilization**

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	54.4	1.0
10°-20°	160.9	3.1
20°-30°	274.8	5.3
30°-40°	438.6	8.4
40°-50°	707.7	13.6
50°-60°	1133.3	21.8
60°-70°	1659.1	31.9
70°-80°	729.7	14.0
80°-90°	40.0	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°	5198.5	100.0
0°-180°	5198.5	100.0



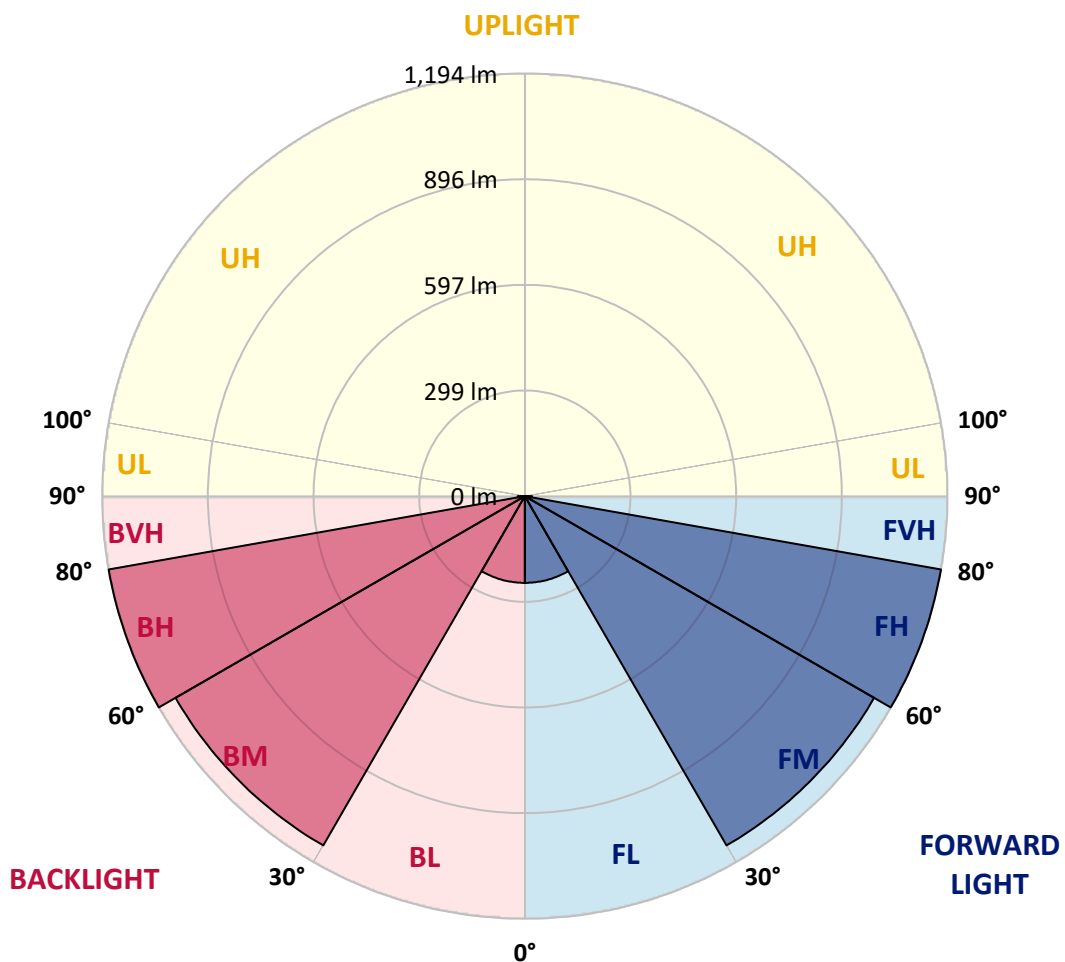
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	245.1	4.7			
FM (30°-60°)	1139.8	21.9			
FH (60°-80°)	1194.4	23.0			G1/1800
FVH (80°-90°)	20.0	0.4			G1/100
BL (0°-30°)	245.1	4.7	B1/500		
BM (30°-60°)	1139.8	21.9	B2/2500		
BH (60°-80°)	1194.4	23.0	B3/2500		G1/1800
BVH (80°-90°)	20.0	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°	571.7	571.7	571.7	571.7	571.7	571.7	571.7	571.7	571.7	571.7	571.7
2.5°	570.9	570.6	571.3	571.7	570.9	571.3	569.1	569.1	570.2	569.1	570.6
5°	573.5	572.8	573.5	573.5	571.7	571.7	569.1	568.4	569.1	567.2	568.7
7.5°	573.9	572.4	573.5	573.1	571.7	571.7	568.0	566.5	566.9	565.0	566.1
10°	570.2	569.5	570.9	570.2	569.1	569.1	566.1	563.9	563.9	562.1	563.2
12.5°	568.0	567.2	569.1	569.5	568.7	569.1	565.4	562.5	561.4	559.1	559.9
15°	568.0	566.5	569.5	570.2	570.9	573.5	568.0	562.8	560.6	557.7	558.4
17.5°	567.6	566.9	570.2	572.8	573.5	576.5	570.2	564.7	562.1	557.7	558.4
20°	567.6	567.2	571.3	576.1	578.3	580.9	574.2	569.1	564.7	559.9	559.9
22.5°	569.5	569.1	574.6	581.6	587.9	592.3	584.6	576.1	570.2	563.9	563.2
25°	577.2	576.5	583.1	591.6	600.0	604.5	596.7	588.2	579.8	572.8	572.0
27.5°	593.0	592.7	599.3	609.6	615.5	618.8	612.2	604.8	596.3	588.2	587.9
30°	614.4	614.4	622.9	633.6	636.9	639.4	632.8	627.7	618.8	610.0	609.2
32.5°	640.2	641.7	651.6	663.4	665.6	667.1	660.1	656.8	647.2	637.6	636.1
35°	674.1	674.4	686.6	698.4	701.3	702.8	694.7	691.7	682.9	672.6	670.4
37.5°	717.2	716.1	727.5	740.7	743.7	745.5	738.9	736.7	725.6	715.3	712.0
40°	765.4	766.2	779.0	791.6	793.4	794.1	790.8	787.5	777.2	765.4	761.4
42.5°	821.4	821.4	836.5	851.2	851.2	847.6	846.1	845.3	835.4	822.1	817.7
45°	885.5	886.2	905.0	916.1	916.8	906.9	908.3	912.8	903.2	886.2	880.3
47.5°	955.9	957.0	979.1	991.2	989.0	976.1	984.2	986.4	975.4	953.6	945.9
50°	1029.9	1033.2	1057.9	1079.2	1076.3	1057.5	1068.2	1068.9	1050.9	1025.8	1015.2
52.5°	1109.8	1117.6	1150.3	1173.2	1176.1	1152.5	1161.8	1161.0	1137.8	1103.6	1096.6
55°	1208.9	1213.3	1245.7	1278.2	1289.2	1260.1	1270.4	1265.3	1234.0	1194.9	1183.1
57.5°	1308.0	1314.6	1356.2	1392.7	1414.8	1390.1	1392.3	1379.1	1339.7	1292.5	1286.6
60°	1425.5	1428.4	1474.5	1522.0	1560.3	1545.6	1535.3	1507.6	1461.2	1414.1	1405.6
62.5°	1521.6	1527.5	1596.0	1666.0	1730.8	1733.4	1702.1	1660.9	1586.8	1508.0	1491.1
65°	1548.1	1557.7	1653.9	1792.0	1926.8	1986.8	1901.0	1775.0	1609.7	1490.7	1465.3
67.5°	1424.8	1443.2	1580.6	1810.0	2109.1	2289.3	2059.4	1720.9	1489.9	1351.1	1326.8
70°	1108.0	1116.1	1277.4	1592.3	2112.1	2481.5	1995.7	1494.4	1221.4	1072.2	1036.5
72.5°	588.6	592.7	738.2	1072.2	1718.7	2143.8	1649.1	1045.7	719.0	583.5	542.6
75°	190.1	195.2	254.2	439.1	948.1	1440.6	972.4	435.0	247.9	200.0	189.3
77.5°	96.9	96.5	107.2	141.4	319.0	706.1	337.4	152.5	107.2	96.1	93.2
80°	60.4	59.3	67.4	77.4	111.6	206.3	121.2	85.5	67.8	58.2	57.8
82.5°	34.3	34.3	45.3	49.7	63.0	85.1	70.7	58.6	46.4	34.6	33.5
85°	19.2	16.9	28.4	31.3	36.1	42.0	43.1	37.9	31.3	19.2	19.9
87.5°	7.0	7.7	13.3	12.5	14.4	9.9	17.7	19.9	17.7	9.2	7.7
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)