

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: P672506

Luminaire Tested: **CCP-SA-2C-722-U-5MQ**

Issue Date: 04/16/2023



Test Information

Test Method: LM-79-08
Report Number: P672506
Test Lab: INNOVATION CENTER(G2)
Issue Date: 04/16/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: CCP-SA-2C-722-U-5MQ
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @615mA w/ 5MQ distribution lens
Light Source: (32) 2200K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

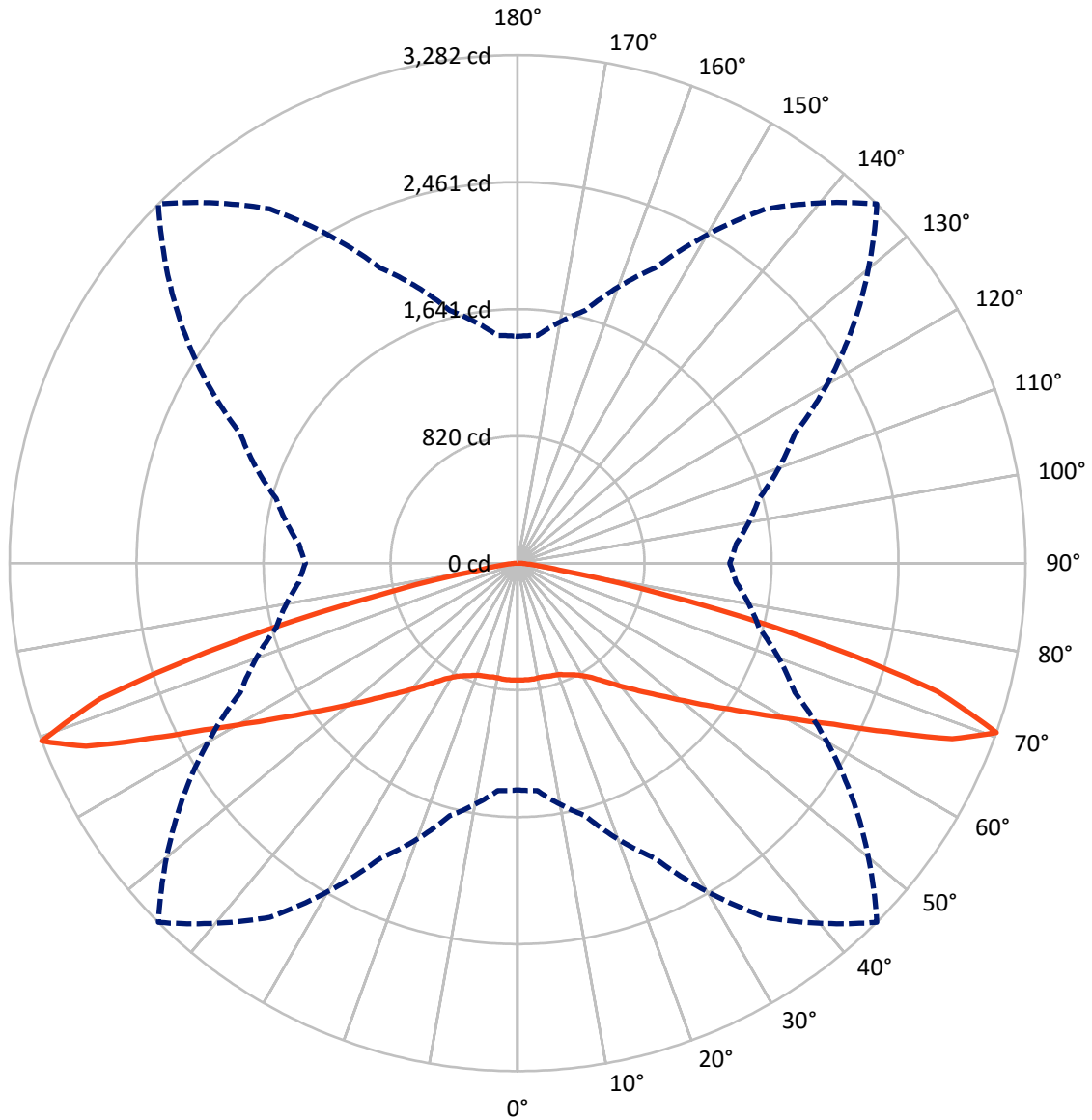
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 6874.7 lumens
Efficiency: N/A
Efficacy: 110.7 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): 62.1
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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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
House Side	Lumens	3437.4	0.0	3437.4
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	3437.4	0.0	3437.4
	% Fixture	50.0	0.0	50.0
Total	Lumens	6874.7	0.0	6874.7
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	71.9	1.0
10°-20°	212.8	3.1
20°-30°	363.5	5.3
30°-40°	580.0	8.4
40°-50°	935.9	13.6
50°-60°	1498.7	21.8
60°-70°	2194.0	31.9
70°-80°	964.9	14.0
80°-90°	52.9	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°	6874.7	100.0
0°-180°	6874.7	100.0



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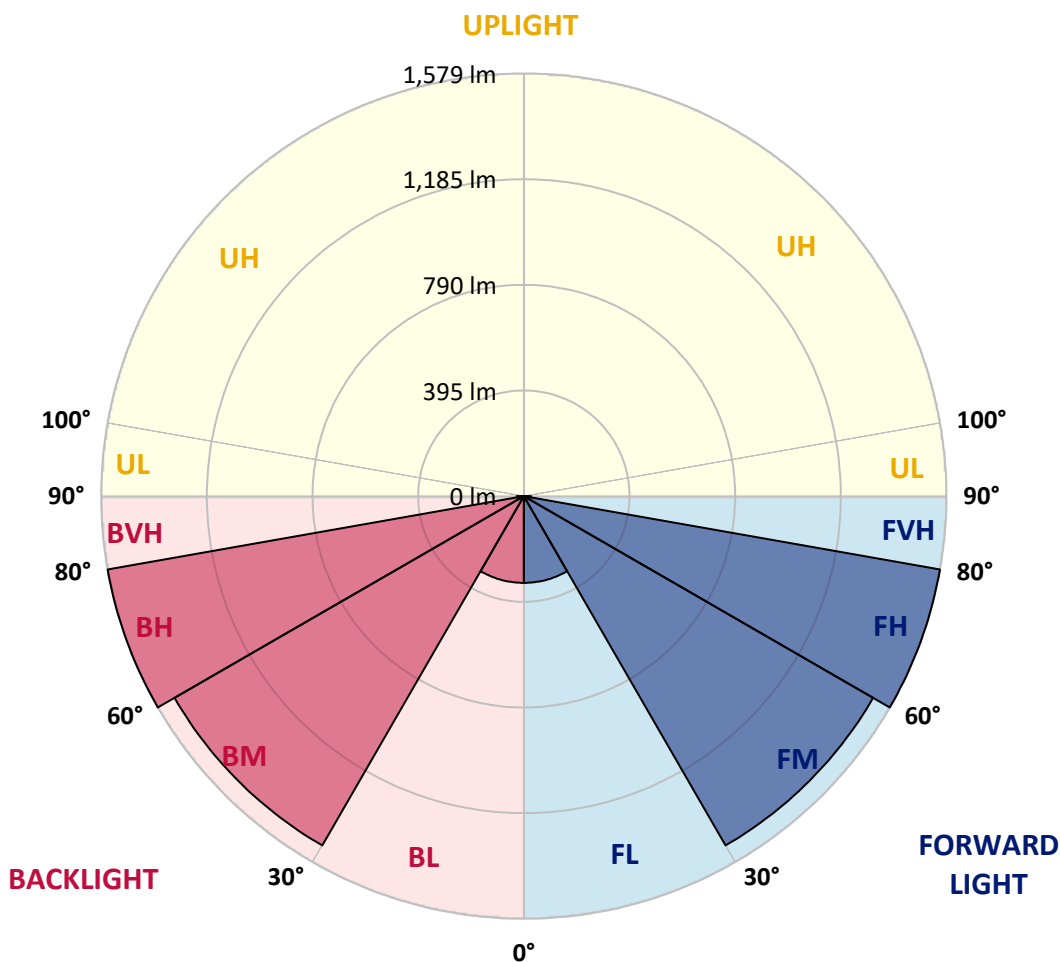
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	324.1	4.7			
FM (30°-60°)	1507.3	21.9			
FH (60°-80°)	1579.5	23.0			G1/1800
FVH (80°-90°)	26.4	0.4			G1/100
BL (0°-30°)	324.1	4.7	B1/500		
BM (30°-60°)	1507.3	21.9	B2/2500		
BH (60°-80°)	1579.5	23.0	B3/2500		G1/1800
BVH (80°-90°)	26.4	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°	756.0	756.0	756.0	756.0	756.0	756.0	756.0	756.0	756.0	756.0	756.0
2.5°	755.0	754.5	755.5	756.0	755.0	755.5	752.6	752.6	754.0	752.6	754.5
5°	758.4	757.5	758.4	758.4	756.0	756.0	752.6	751.6	752.6	750.1	752.1
7.5°	758.9	757.0	758.4	757.9	756.0	756.0	751.1	749.2	749.7	747.2	748.7
10°	754.0	753.1	755.0	754.0	752.6	752.6	748.7	745.8	745.8	743.3	744.8
12.5°	751.1	750.1	752.6	753.1	752.1	752.6	747.7	743.8	742.4	739.4	740.4
15°	751.1	749.2	753.1	754.0	755.0	758.4	751.1	744.3	741.4	737.5	738.5
17.5°	750.6	749.7	754.0	757.5	758.4	762.3	754.0	746.7	743.3	737.5	738.5
20°	750.6	750.1	755.5	761.8	764.8	768.2	759.4	752.6	746.7	740.4	740.4
22.5°	753.1	752.6	759.9	769.1	777.4	783.3	773.0	761.8	754.0	745.8	744.8
25°	763.3	762.3	771.1	782.3	793.5	799.3	789.1	777.9	766.7	757.5	756.5
27.5°	784.2	783.8	792.5	806.2	814.0	818.3	809.6	799.8	788.6	777.9	777.4
30°	812.5	812.5	823.7	837.8	842.2	845.6	836.9	830.0	818.3	806.7	805.7
32.5°	846.6	848.5	861.7	877.3	880.2	882.2	872.9	868.5	855.9	843.2	841.2
35°	891.4	891.9	908.0	923.6	927.5	929.4	918.7	914.8	903.1	889.5	886.5
37.5°	948.4	946.9	962.0	979.6	983.5	985.9	977.1	974.2	959.6	946.0	941.6
40°	1012.2	1013.2	1030.2	1046.8	1049.2	1050.2	1045.8	1041.4	1027.8	1012.2	1006.9
42.5°	1086.3	1086.3	1106.2	1125.7	1125.7	1120.8	1118.9	1117.9	1104.8	1087.2	1081.4
45°	1171.0	1172.0	1196.8	1211.4	1212.4	1199.3	1201.2	1207.1	1194.4	1172.0	1164.2
47.5°	1264.1	1265.5	1294.7	1310.8	1307.9	1290.8	1301.6	1304.5	1289.9	1261.1	1250.9
50°	1362.0	1366.3	1399.0	1427.2	1423.3	1398.5	1412.6	1413.6	1389.7	1356.6	1342.5
52.5°	1467.7	1477.9	1521.2	1551.4	1555.3	1524.2	1536.3	1535.4	1504.7	1459.4	1450.1
55°	1598.7	1604.5	1647.4	1690.3	1704.9	1666.4	1680.0	1673.2	1631.8	1580.2	1564.6
57.5°	1729.7	1738.5	1793.5	1841.8	1871.0	1838.4	1841.3	1823.7	1771.6	1709.3	1701.5
60°	1885.1	1889.0	1949.9	2012.7	2063.4	2043.9	2030.3	1993.7	1932.4	1870.0	1858.8
62.5°	2012.3	2020.0	2110.6	2203.2	2288.9	2292.3	2250.9	2196.4	2098.5	1994.2	1971.8
65°	2047.3	2060.0	2187.1	2369.8	2548.1	2627.5	2514.0	2347.4	2128.7	1971.3	1937.7
67.5°	1884.1	1908.5	2090.2	2393.7	2789.2	3027.4	2723.4	2275.8	1970.4	1786.7	1754.6
70°	1465.2	1475.9	1689.3	2105.8	2793.1	3281.7	2639.2	1976.2	1615.3	1418.0	1370.7
72.5°	778.4	783.8	976.2	1418.0	2272.9	2835.0	2180.8	1382.9	950.8	771.6	717.5
75°	251.3	258.2	336.1	580.6	1253.8	1905.1	1286.0	575.3	327.8	264.5	250.4
77.5°	128.1	127.6	141.7	187.1	421.8	933.8	446.2	201.7	141.7	127.1	123.2
80°	79.9	78.4	89.1	102.3	147.6	272.8	160.3	113.0	89.6	77.0	76.5
82.5°	45.3	45.3	59.9	65.8	83.3	112.5	93.5	77.5	61.4	45.8	44.3
85°	25.3	22.4	37.5	41.4	47.7	55.5	57.0	50.2	41.4	25.3	26.3
87.5°	9.3	10.2	17.5	16.6	19.0	13.2	23.4	26.3	23.4	12.2	10.2
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)