

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: P672415

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

Issue Date: 04/16/2023

Test Information

Test Method: LM-79-08
Report Number: P672415
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-5WQ
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @350mA w/ 5WQ
distribution lens
Light Source: (32) 5000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

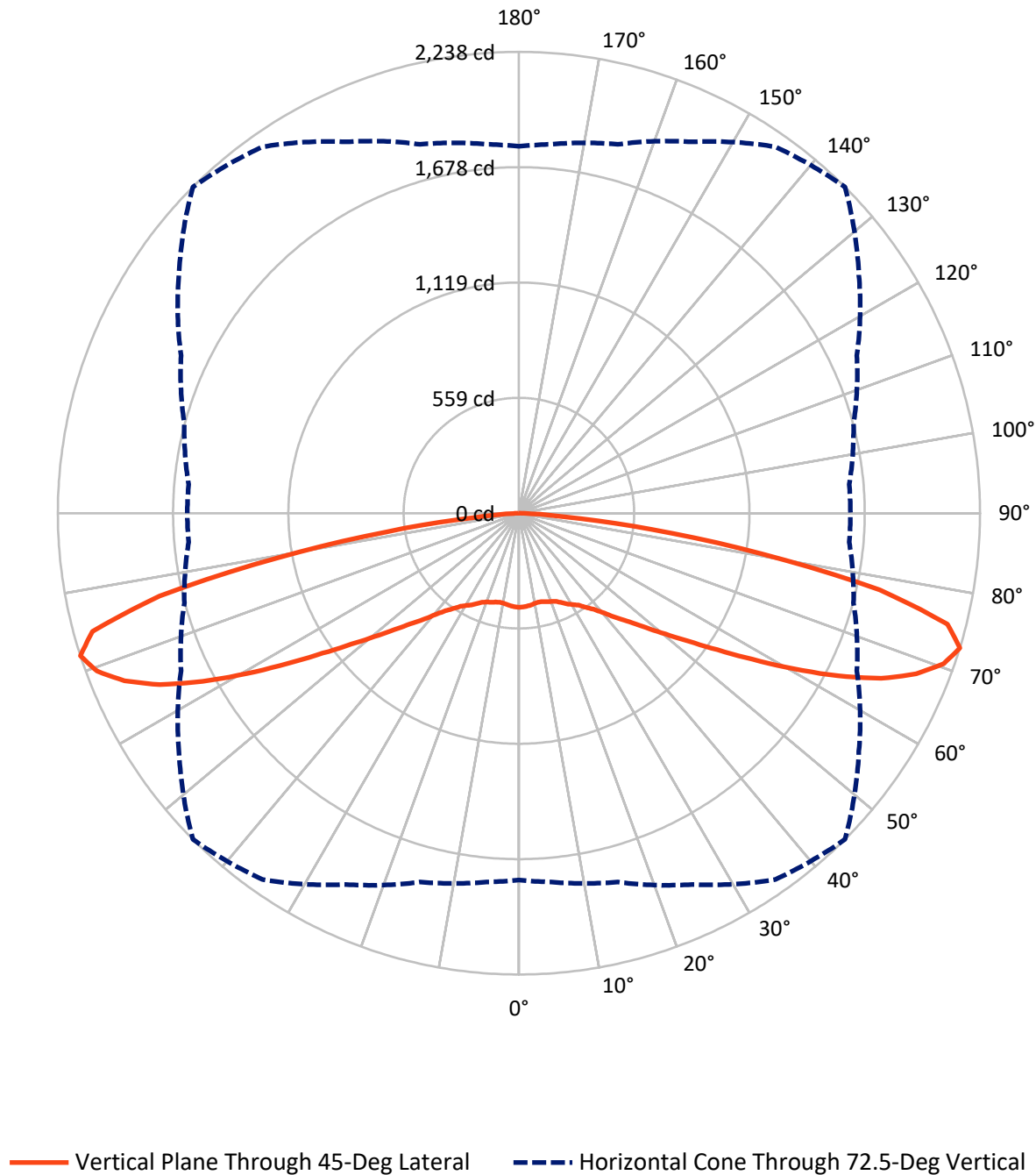
Lumens per Lamp: N/A
Luminaire Lumens: 5866.2 lumens
Efficiency: N/A
Efficacy: 162.0 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type V - Short
BUG Rating: B3 - U0 - G1

Input Watts (W): 36.2
Input Voltage (V): 120
Input Current (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



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2933.1	0.0	2933.1
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	2933.1	0.0	2933.1
	% Fixture	50.0	0.0	50.0
Total	Lumens	5866.2	0.0	5866.2
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	42.9	0.7
10°-20°	127.4	2.2
20°-30°	223.8	3.8
30°-40°	357.1	6.1
40°-50°	597.1	10.2
50°-60°	1021.7	17.4
60°-70°	1686.7	28.8
70°-80°	1616.6	27.6
80°-90°	192.8	3.3
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°	5866.2	100.0
0°-180°	5866.2	100.0



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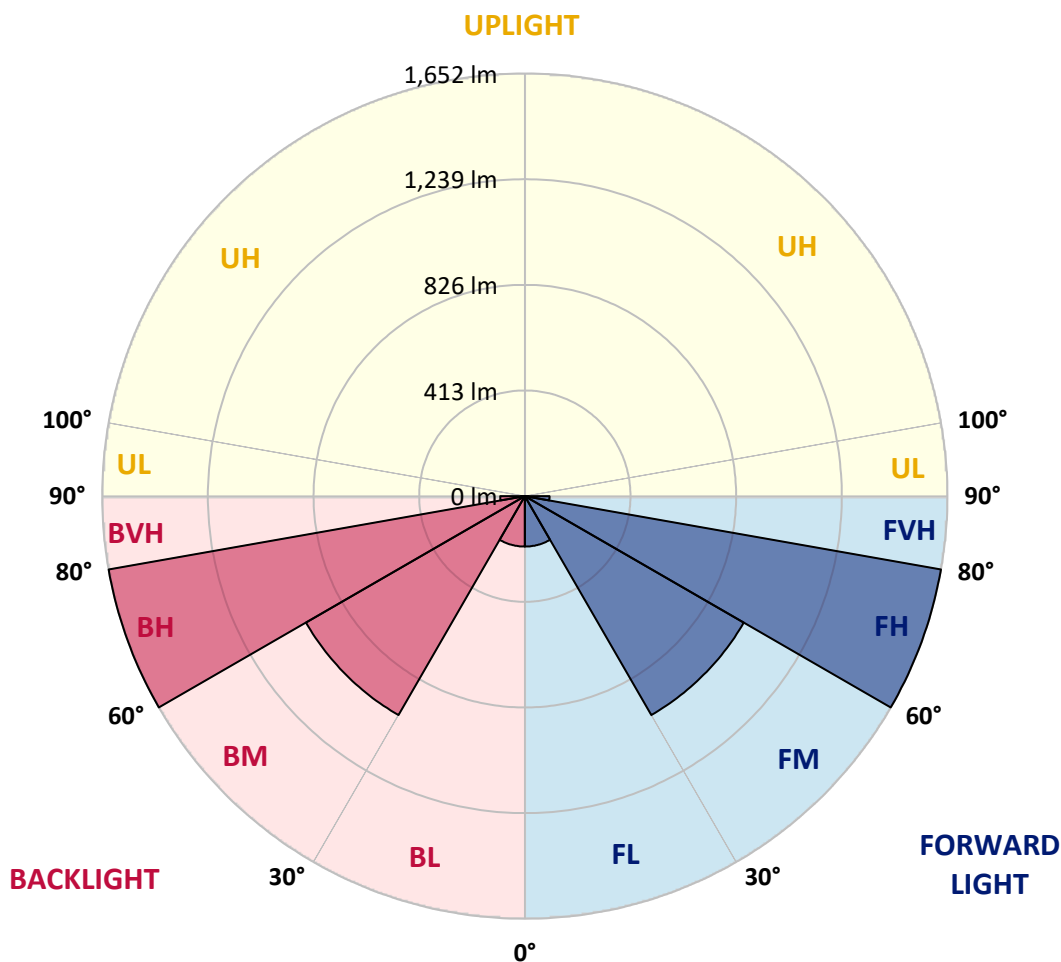
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	197.1	3.4			
FM	(30°-60°)	987.9	16.8			
FH	(60°-80°)	1651.7	28.2			G1/1800
FVH	(80°-90°)	96.4	1.6			G1/100
BL	(0°-30°)	197.1	3.4	B1/500		
BM	(30°-60°)	987.9	16.8	B1/1000		
BH	(60°-80°)	1651.7	28.2	B3/2500		G1/1800
BVH	(80°-90°)	96.4	1.6			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°	456.8	456.8	456.8	456.8	456.8	456.8	456.8	456.8	456.8	456.8	456.8
2.5°	453.9	453.9	455.2	455.6	455.2	454.8	454.4	453.9	455.2	454.8	455.2
5°	452.7	452.7	453.1	453.5	452.7	452.3	451.5	451.1	451.9	451.9	452.7
7.5°	449.4	449.0	449.4	449.8	448.6	448.2	447.0	447.0	447.0	446.6	447.4
10°	446.6	445.8	445.8	444.9	442.9	443.3	441.7	442.9	444.9	445.3	445.8
12.5°	447.8	447.0	446.2	444.1	441.3	441.7	441.3	442.5	445.3	447.0	448.2
15°	453.5	452.7	450.7	447.0	445.3	445.3	444.5	444.9	449.0	451.5	452.7
17.5°	459.7	458.0	454.4	451.9	450.3	451.5	448.6	448.2	451.5	455.2	456.4
20°	464.6	463.4	458.9	456.0	456.0	457.2	454.4	452.7	456.4	460.9	462.1
22.5°	473.2	472.4	467.9	465.0	465.0	465.4	463.8	462.5	466.6	471.1	472.4
25°	485.5	485.5	481.0	479.7	479.3	480.1	478.1	476.9	480.5	483.8	485.1
27.5°	499.8	498.6	494.9	494.1	495.7	498.6	494.9	491.6	494.5	497.3	497.7
30°	514.9	514.9	511.7	511.7	512.9	514.1	510.8	507.6	510.4	513.7	514.1
32.5°	536.2	535.0	533.8	534.2	533.8	532.1	530.5	530.1	532.5	534.6	535.4
35°	562.4	562.0	560.4	561.2	561.2	561.2	556.3	554.6	558.7	560.4	559.5
37.5°	602.9	602.5	598.4	596.0	593.1	591.9	585.7	585.3	595.2	600.1	599.3
40°	652.5	650.8	647.1	643.1	639.4	636.9	630.8	635.3	645.5	649.2	649.2
42.5°	706.5	704.4	700.4	698.3	695.9	693.4	685.2	687.3	699.5	703.2	699.1
45°	772.8	769.9	765.4	760.9	757.3	752.3	748.2	750.3	763.4	767.9	764.6
47.5°	843.2	842.4	838.7	835.0	831.7	828.5	823.2	826.8	838.3	837.5	830.9
50°	917.7	919.3	919.8	923.4	921.0	921.4	911.6	909.5	918.5	913.2	905.0
52.5°	997.9	1000.4	1009.0	1016.4	1029.9	1031.5	1019.2	1006.1	1004.5	990.6	982.0
55°	1090.9	1090.4	1109.3	1129.7	1159.6	1169.0	1141.6	1117.0	1103.5	1076.5	1067.5
57.5°	1196.0	1194.8	1223.5	1259.5	1313.5	1336.9	1286.5	1239.8	1207.1	1174.8	1165.4
60°	1310.3	1313.1	1347.9	1406.4	1499.8	1532.1	1456.0	1378.6	1328.7	1286.5	1282.8
62.5°	1443.7	1444.1	1485.0	1564.4	1685.6	1737.6	1632.8	1528.0	1464.6	1418.3	1408.5
65°	1601.3	1604.1	1647.9	1728.2	1867.3	1931.6	1810.9	1683.1	1608.2	1545.6	1544.4
67.5°	1763.0	1761.3	1801.4	1886.6	2020.8	2080.2	1953.7	1811.3	1713.8	1635.7	1625.4
70°	1866.5	1875.5	1918.9	2000.4	2128.9	2186.6	2032.7	1860.8	1758.9	1687.2	1682.3
72.5°	1779.3	1796.1	1852.2	1987.3	2169.4	2237.8	2013.9	1809.6	1681.1	1609.1	1609.1
75°	1444.5	1472.3	1550.5	1758.5	2029.4	2147.7	1864.5	1583.7	1396.6	1319.7	1319.7
77.5°	880.1	906.7	1012.3	1266.0	1638.9	1790.4	1519.8	1192.8	976.2	882.1	869.8
80°	292.7	309.9	413.4	643.5	1006.1	1191.5	1018.4	677.4	437.2	333.2	331.6
82.5°	77.8	84.7	117.9	186.7	436.8	645.5	465.8	223.5	128.1	99.5	91.7
85°	27.0	29.1	49.9	62.2	110.9	213.7	129.8	81.0	62.2	37.7	35.2
87.5°	7.8	8.6	20.1	21.7	31.9	25.0	35.2	32.3	29.5	12.3	11.1
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)