

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: P672427

Luminaire Tested: **CCP-SA-2B-760-U-5WQ**

Issue Date: 04/16/2023



**Test Information**

Test Method: LM-79-08  
Report Number: P672427  
Test Lab: INNOVATION CENTER(G2)  
Issue Date: 04/16/2023  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: INVUE  
Catalog Number: CCP-SA-2B-760-U-5WQ  
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @450mA w/ 5WQ distribution lens  
Light Source: (32) 5700K CCT, 70 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

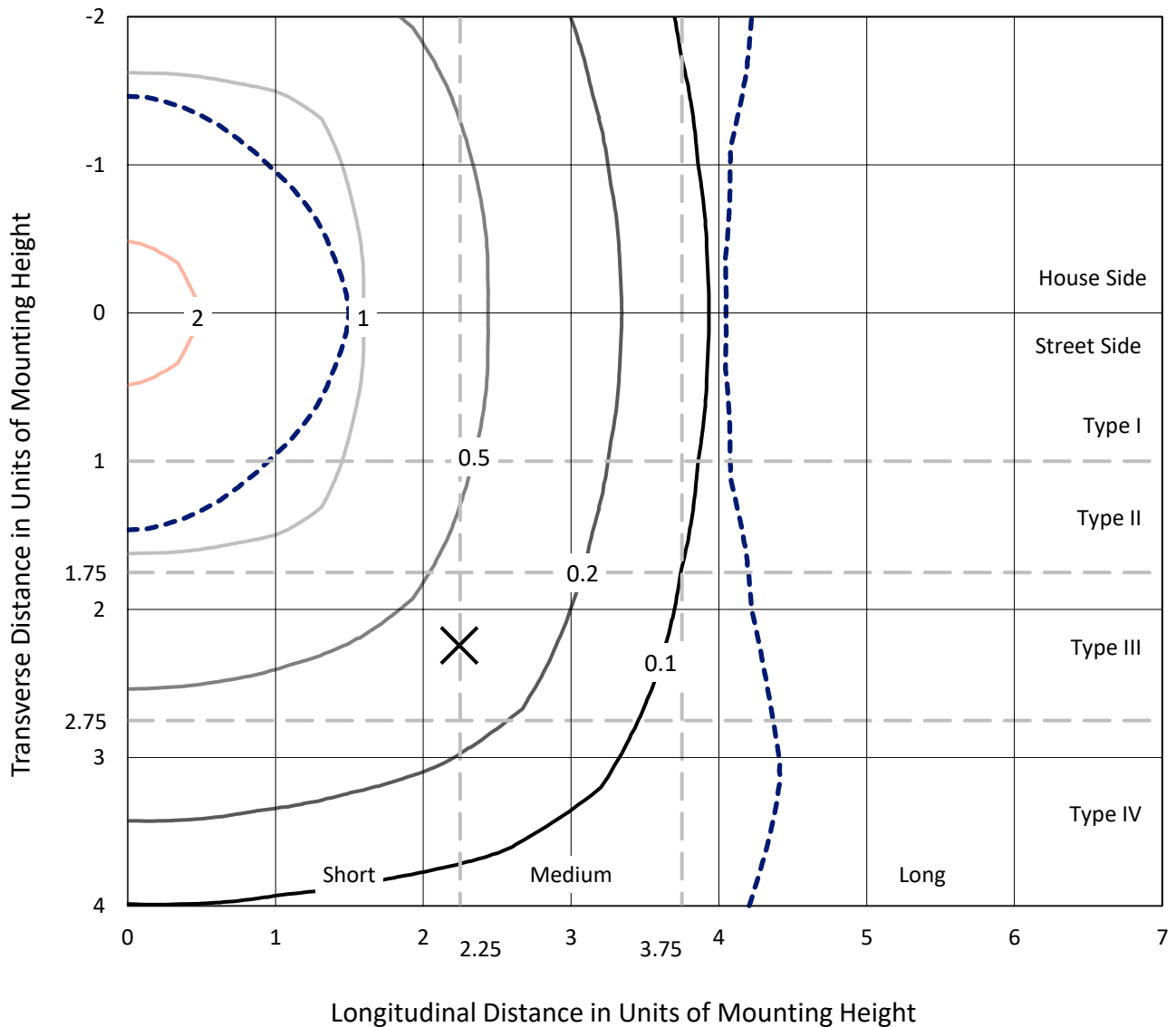
Lumens per Lamp: N/A  
Luminaire Lumens: 7404.2 lumens  
Efficiency: N/A  
Efficacy: 161.0 lumens/watt  
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')  
IES Classification: Type V - Short  
BUG Rating: B3 - U0 - G2

Input Watts (W): 46  
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

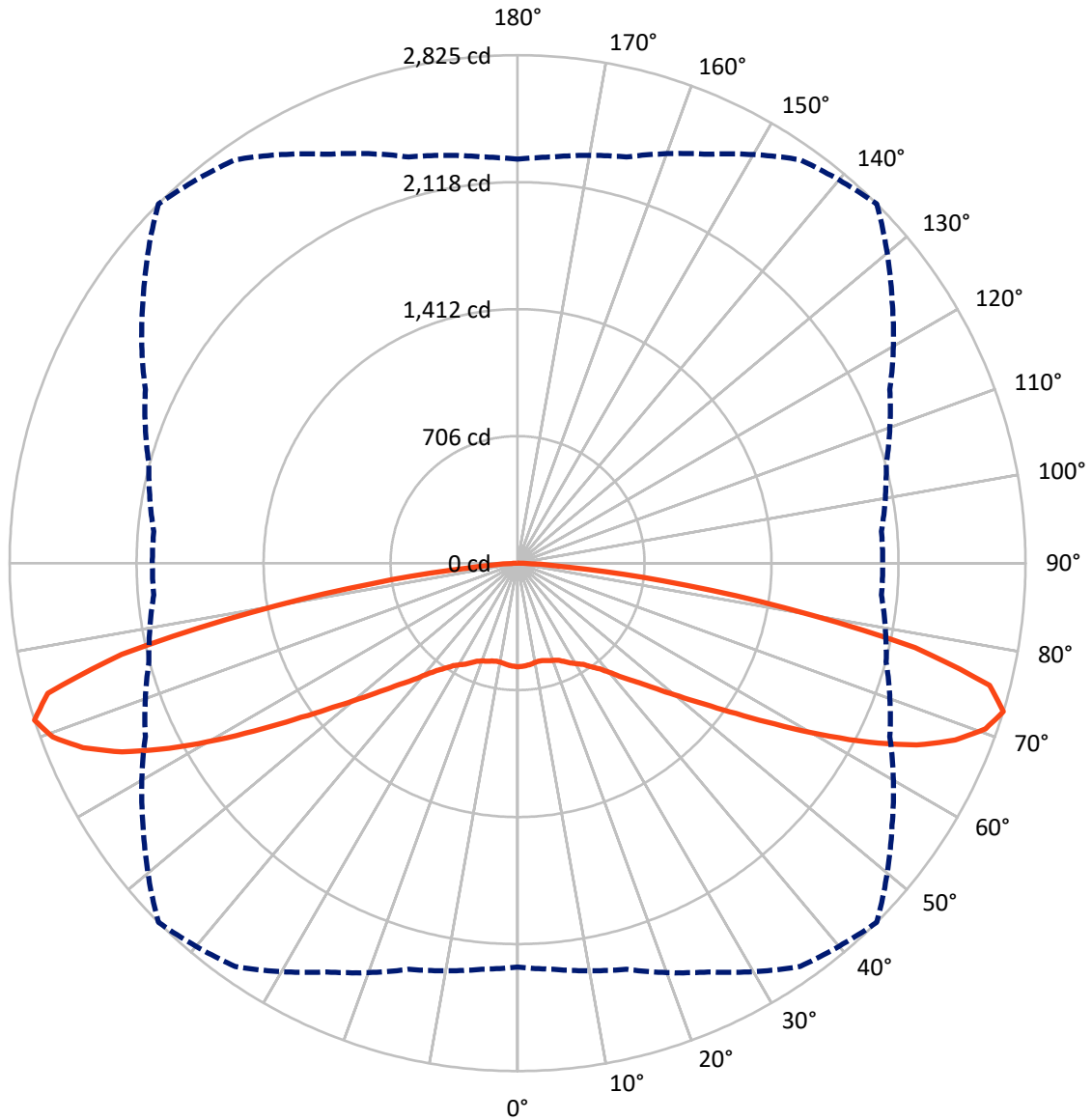
× Max cd  
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 2.6 fc  
 Type V - Short - N/A

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### Luminous Intensity Polar Plot



— Vertical Plane Through 45-Deg Lateral      - - - Horizontal Cone Through 72.5-Deg Vertical

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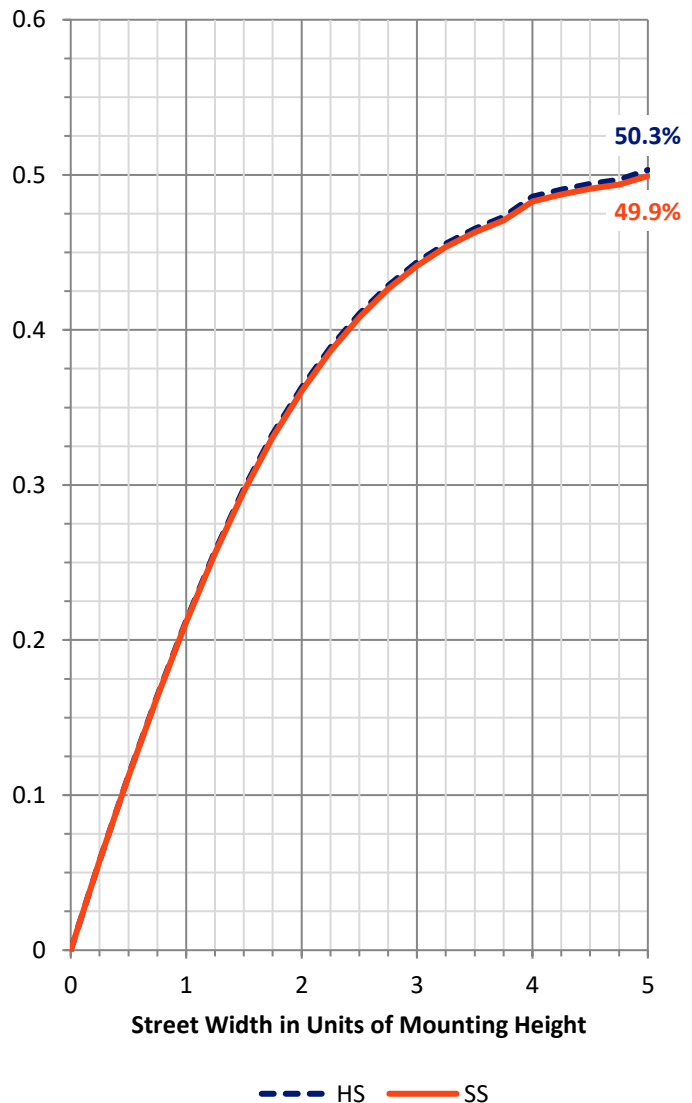
**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	3702.1	0.0	3702.1
	% Fixture	50.0	0.0	50.0
<b>Street Side</b>	Lumens	3702.1	0.0	3702.1
	% Fixture	50.0	0.0	50.0
<b>Total</b>	Lumens	7404.2	0.0	7404.2
	% Fixture	100.0	0.0	100.0

**Coefficient of Utilization**

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	54.1	0.7
10°-20°	160.8	2.2
20°-30°	282.5	3.8
30°-40°	450.7	6.1
40°-50°	753.6	10.2
50°-60°	1289.6	17.4
60°-70°	2129.0	28.8
70°-80°	2040.5	27.6
80°-90°	243.3	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°	7404.2	100.0
0°-180°	7404.2	100.0



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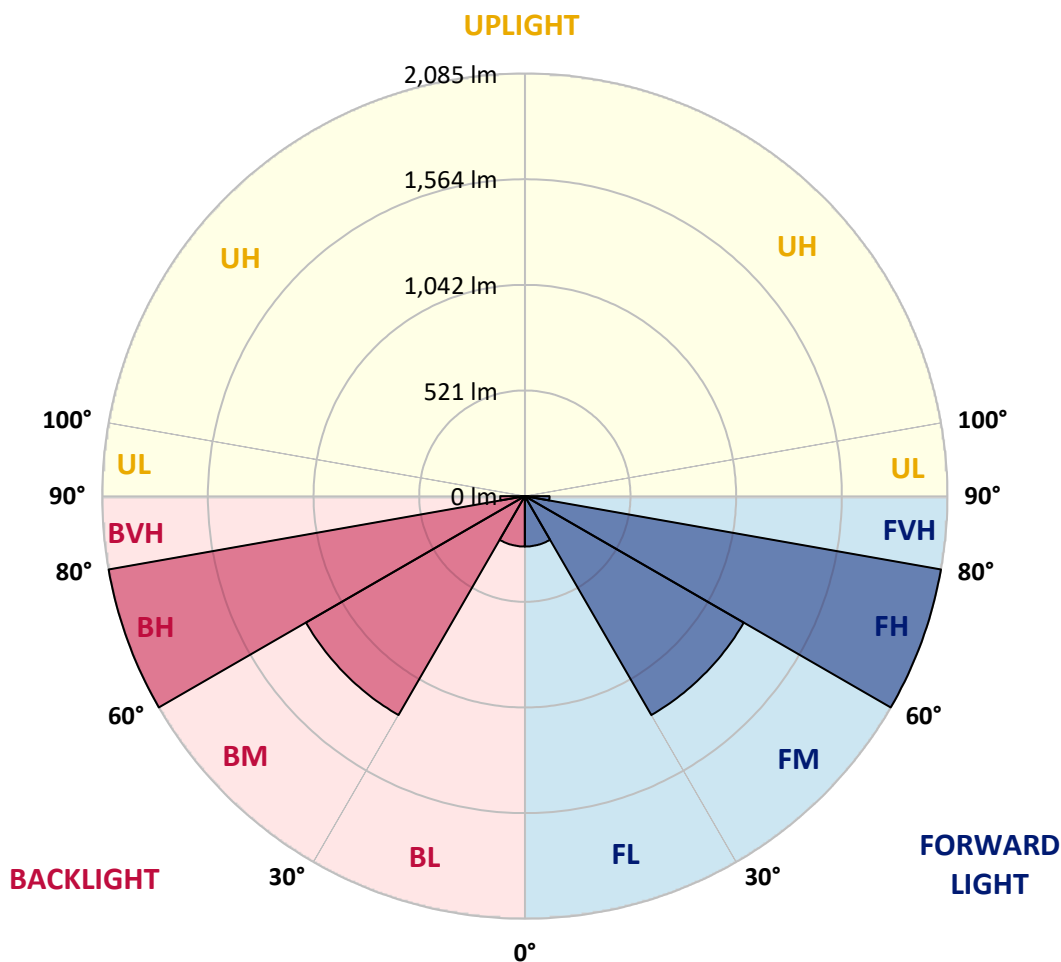
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	248.7	3.4			
FM (30°-60°)	1247.0	16.8			
FH (60°-80°)	2084.7	28.2			G2/5000
FVH (80°-90°)	121.7	1.6			G2/225
BL (0°-30°)	248.7	3.4	B1/500		
BM (30°-60°)	1247.0	16.8	B2/2500		
BH (60°-80°)	2084.7	28.2	B3/2500		G2/5000
BVH (80°-90°)	121.7	1.6			G2/225
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

**BUG Rating: B3-U0-G2**

Type V Short





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**CANDELA DISTRIBUTION (FULL):**

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	576.6	576.6	576.6	576.6	576.6	576.6	576.6	576.6	576.6	576.6	576.6
2.5°	573.0	573.0	574.5	575.0	574.5	574.0	573.5	573.0	574.5	574.0	574.5
5°	571.4	571.4	571.9	572.4	571.4	570.9	569.9	569.3	570.4	570.4	571.4
7.5°	567.3	566.8	567.3	567.8	566.2	565.7	564.2	564.2	564.2	563.7	564.7
10°	563.7	562.6	562.6	561.6	559.0	559.5	557.5	559.0	561.6	562.1	562.6
12.5°	565.2	564.2	563.1	560.6	556.9	557.5	556.9	558.5	562.1	564.2	565.7
15°	572.4	571.4	568.8	564.2	562.1	562.1	561.1	561.6	566.8	569.9	571.4
17.5°	580.2	578.1	573.5	570.4	568.3	569.9	566.2	565.7	569.9	574.5	576.1
20°	586.4	584.8	579.2	575.5	575.5	577.1	573.5	571.4	576.1	581.7	583.3
22.5°	597.2	596.2	590.5	586.9	586.9	587.4	585.4	583.8	589.0	594.7	596.2
25°	612.7	612.7	607.1	605.5	605.0	606.0	603.4	601.9	606.5	610.7	612.2
27.5°	630.8	629.3	624.6	623.6	625.7	629.3	624.6	620.5	624.1	627.7	628.2
30°	649.9	649.9	645.8	645.8	647.4	648.9	644.8	640.6	644.3	648.4	648.9
32.5°	676.8	675.3	673.7	674.2	673.7	671.6	669.6	669.1	672.2	674.7	675.8
35°	709.9	709.4	707.3	708.3	708.3	708.3	702.1	700.1	705.2	707.3	706.3
37.5°	761.0	760.5	755.3	752.2	748.6	747.1	739.3	738.8	751.2	757.4	756.4
40°	823.5	821.5	816.8	811.6	807.0	803.9	796.1	801.8	814.7	819.4	819.4
42.5°	891.7	889.1	884.0	881.4	878.3	875.2	864.9	867.4	882.9	887.6	882.4
45°	975.4	971.8	966.1	960.4	955.8	949.6	944.4	947.0	963.5	969.2	965.1
47.5°	1064.3	1063.3	1058.6	1054.0	1049.8	1045.7	1039.0	1043.6	1058.1	1057.1	1048.8
50°	1158.3	1160.4	1160.9	1165.5	1162.4	1163.0	1150.6	1148.0	1159.3	1152.6	1142.3
52.5°	1259.6	1262.7	1273.5	1282.8	1299.9	1301.9	1286.4	1269.9	1267.8	1250.3	1239.4
55°	1376.9	1376.3	1400.1	1425.9	1463.7	1475.5	1440.9	1409.9	1392.9	1358.8	1347.4
57.5°	1509.6	1508.1	1544.2	1589.7	1657.9	1687.4	1623.8	1564.9	1523.6	1482.8	1470.9
60°	1653.8	1657.4	1701.3	1775.2	1893.0	1933.8	1837.7	1740.1	1677.0	1623.8	1619.2
62.5°	1822.2	1822.7	1874.4	1974.6	2127.5	2193.2	2060.9	1928.6	1848.6	1790.2	1777.8
65°	2021.1	2024.7	2080.0	2181.3	2356.9	2438.0	2285.6	2124.4	2029.9	1950.8	1949.3
67.5°	2225.2	2223.1	2273.8	2381.2	2550.7	2625.6	2465.9	2286.2	2163.2	2064.5	2051.6
70°	2355.9	2367.3	2422.0	2524.8	2687.1	2759.9	2565.7	2348.7	2220.0	2129.6	2123.4
72.5°	2245.9	2267.0	2337.8	2508.3	2738.2	2824.5	2541.9	2284.1	2121.9	2030.9	2030.9
75°	1823.2	1858.4	1957.0	2219.5	2561.5	2710.8	2353.3	1998.9	1762.8	1665.7	1665.7
77.5°	1110.8	1144.4	1277.7	1598.0	2068.6	2259.8	1918.3	1505.5	1232.2	1113.4	1097.9
80°	369.4	391.1	521.8	812.2	1269.9	1504.0	1285.4	855.0	551.8	420.5	418.5
82.5°	98.2	106.9	148.8	235.6	551.3	814.7	587.9	282.1	161.7	125.5	115.7
85°	34.1	36.7	63.0	78.5	140.0	269.7	163.8	102.3	78.5	47.5	44.4
87.5°	9.8	10.8	25.3	27.4	40.3	31.5	44.4	40.8	37.2	15.5	13.9
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)