

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: P672424

Luminaire Tested: **CCP-SA-1E-760-U-5WQ**

Issue Date: 04/16/2023



Test Information

Test Method: LM-79-08
Report Number: P672424
Test Lab: INNOVATION CENTER(G2)
Issue Date: 04/16/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: CCP-SA-1E-760-U-5WQ
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @1050mA w/ 5WQ distribution lens
Light Source: (16) 5700K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

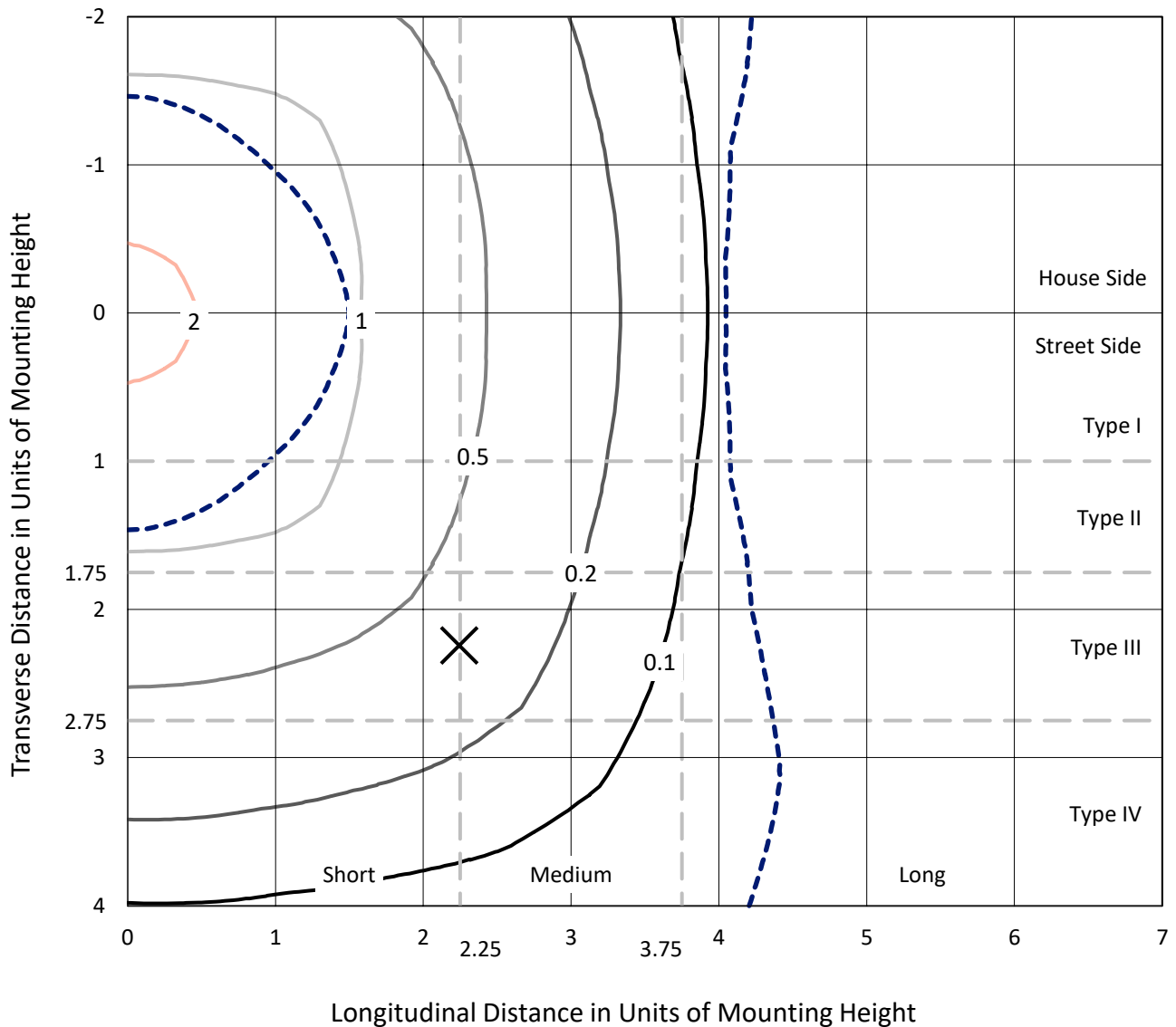
Lumens per Lamp: N/A
Luminaire Lumens: 7330 lumens
Efficiency: N/A
Efficacy: 130.7 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification: Type V - Short
BUG Rating: B3 - U0 - G2

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

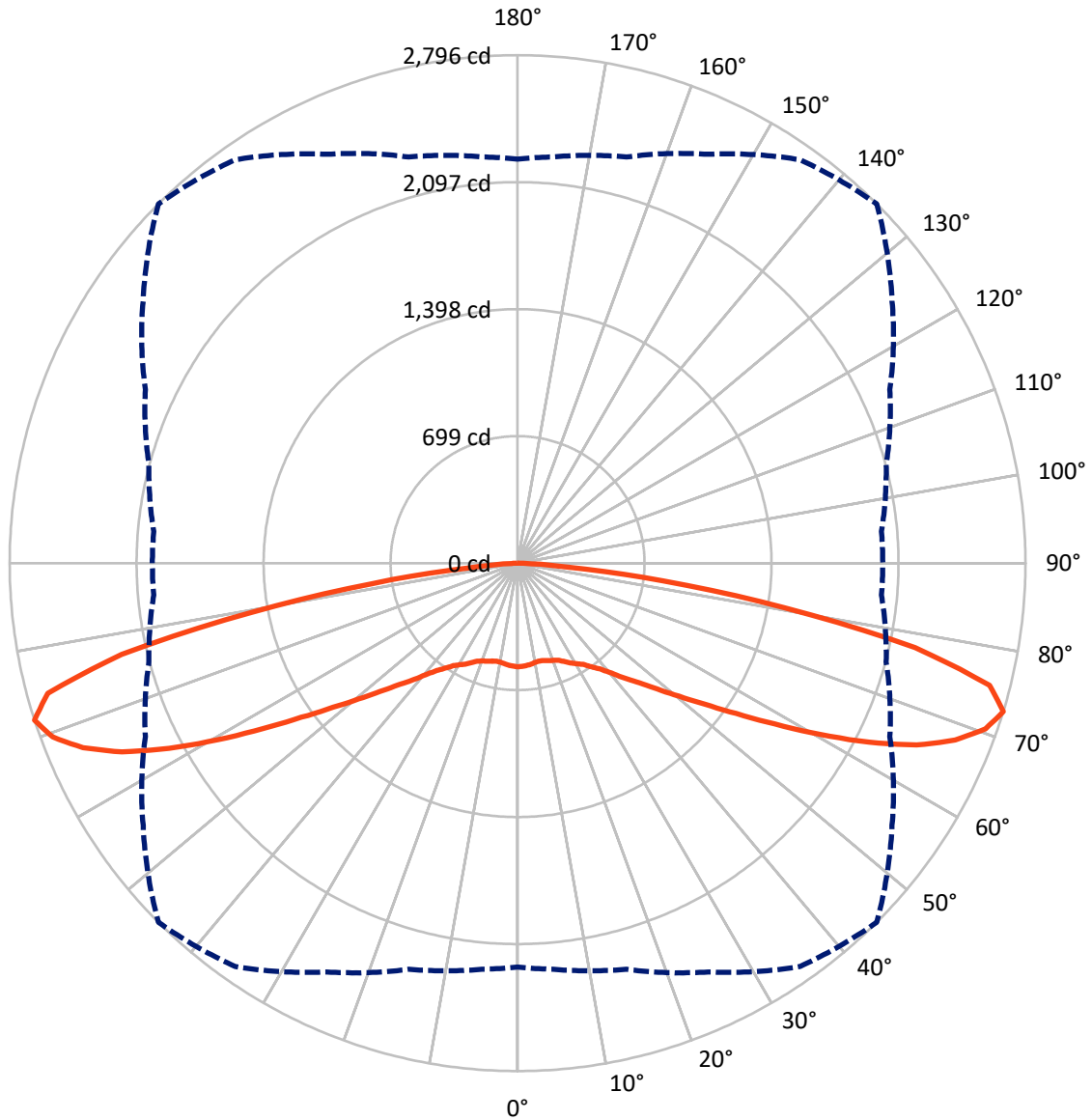
× Max cd
 - - - 1/2 Max cd



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 72.5-Deg Vertical

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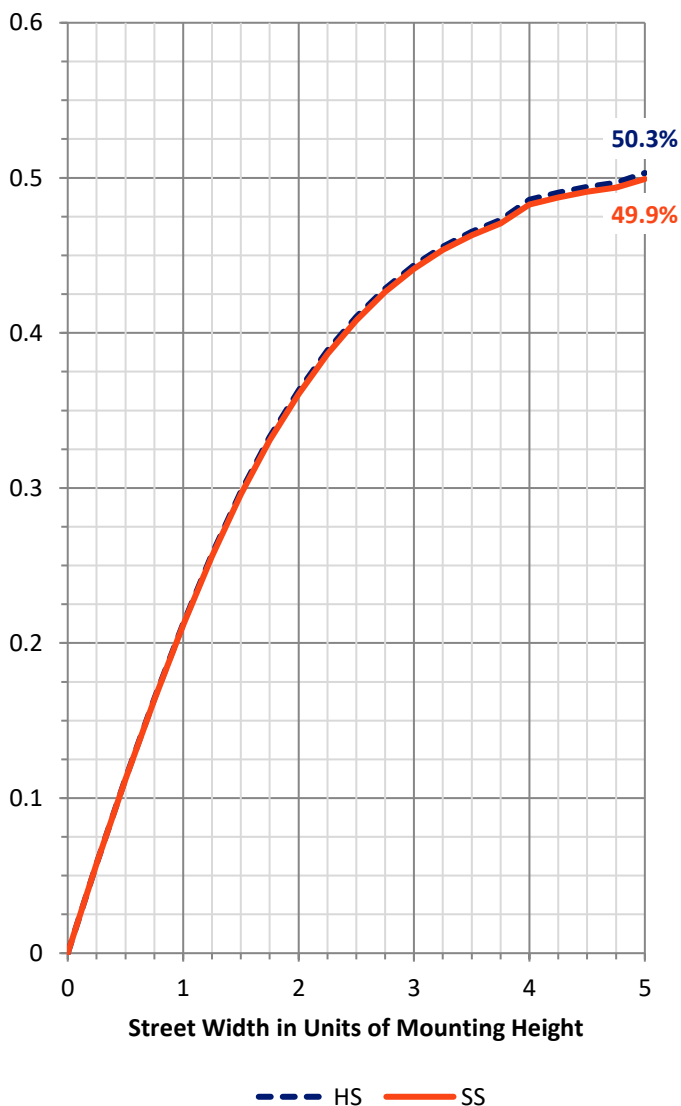
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3665.0	0.0	3665.0
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	3665.0	0.0	3665.0
	% Fixture	50.0	0.0	50.0
Total	Lumens	7330.0	0.0	7330.0
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	53.6	0.7
10°-20°	159.2	2.2
20°-30°	279.7	3.8
30°-40°	446.2	6.1
40°-50°	746.1	10.2
50°-60°	1276.7	17.4
60°-70°	2107.6	28.8
70°-80°	2020.1	27.6
80°-90°	240.9	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°	7330.0	100.0
0°-180°	7330.0	100.0



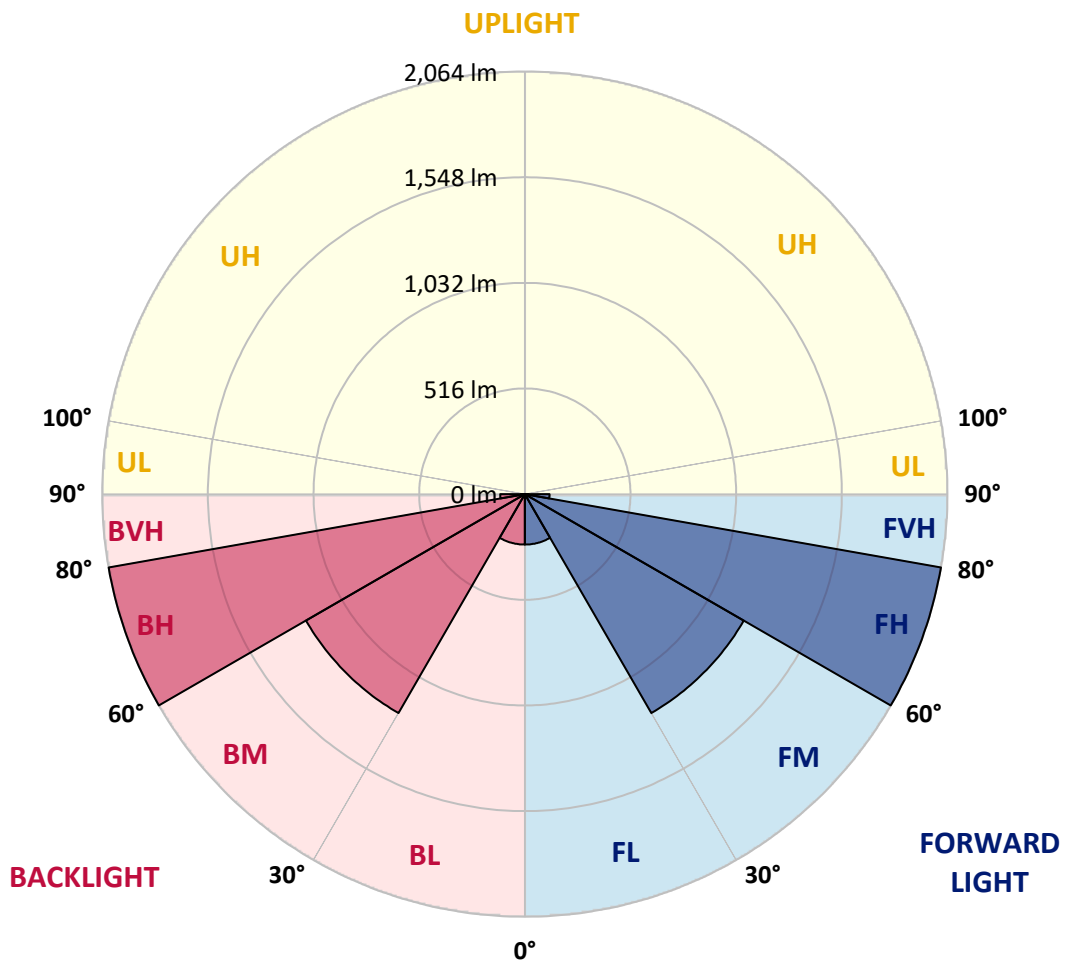
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	246.2	3.4			
FM (30°-60°)	1234.5	16.8			
FH (60°-80°)	2063.9	28.2			G2/5000
FVH (80°-90°)	120.5	1.6			G2/225
BL (0°-30°)	246.2	3.4	B1/500		
BM (30°-60°)	1234.5	16.8	B2/2500		
BH (60°-80°)	2063.9	28.2	B3/2500		G2/5000
BVH (80°-90°)	120.5	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°	570.8	570.8	570.8	570.8	570.8	570.8	570.8	570.8	570.8	570.8	570.8
2.5°	567.2	567.2	568.8	569.3	568.8	568.2	567.7	567.2	568.8	568.2	568.8
5°	565.7	565.7	566.2	566.7	565.7	565.2	564.2	563.6	564.7	564.7	565.7
7.5°	561.6	561.1	561.6	562.1	560.6	560.1	558.5	558.5	558.5	558.0	559.0
10°	558.0	557.0	557.0	556.0	553.4	553.9	551.9	553.4	556.0	556.5	557.0
12.5°	559.5	558.5	557.5	554.9	551.4	551.9	551.4	552.9	556.5	558.5	560.1
15°	566.7	565.7	563.1	558.5	556.5	556.5	555.5	556.0	561.1	564.2	565.7
17.5°	574.4	572.3	567.7	564.7	562.6	564.2	560.6	560.1	564.2	568.8	570.3
20°	580.5	579.0	573.4	569.8	569.8	571.3	567.7	565.7	570.3	575.9	577.4
22.5°	591.3	590.2	584.6	581.0	581.0	581.5	579.5	578.0	583.1	588.7	590.2
25°	606.6	606.6	601.0	599.4	598.9	600.0	597.4	595.9	600.5	604.6	606.1
27.5°	624.5	623.0	618.4	617.3	619.4	623.0	618.4	614.3	617.9	621.4	621.9
30°	643.4	643.4	639.3	639.3	640.9	642.4	638.3	634.2	637.8	641.9	642.4
32.5°	670.0	668.5	667.0	667.5	667.0	664.9	662.9	662.4	665.4	668.0	669.0
35°	702.8	702.2	700.2	701.2	701.2	701.2	695.1	693.0	698.2	700.2	699.2
37.5°	753.4	752.9	747.8	744.7	741.1	739.6	731.9	731.4	743.7	749.8	748.8
40°	815.3	813.2	808.6	803.5	798.9	795.8	788.2	793.8	806.6	811.2	811.2
42.5°	882.8	880.2	875.1	872.6	869.5	866.4	856.2	858.8	874.1	878.7	873.6
45°	965.7	962.1	956.4	950.8	946.2	940.1	935.0	937.5	953.9	959.5	955.4
47.5°	1053.6	1052.6	1048.0	1043.4	1039.3	1035.2	1028.6	1033.2	1047.5	1046.5	1038.3
50°	1146.7	1148.8	1149.3	1153.9	1150.8	1151.3	1139.0	1136.5	1147.7	1141.1	1130.9
52.5°	1247.0	1250.0	1260.8	1270.0	1286.9	1288.9	1273.6	1257.2	1255.1	1237.8	1227.0
55°	1363.1	1362.6	1386.1	1411.7	1449.0	1460.8	1426.5	1395.8	1378.9	1345.2	1333.9
57.5°	1494.5	1493.0	1528.8	1573.8	1641.3	1670.5	1607.5	1549.2	1508.3	1467.9	1456.2
60°	1637.2	1640.8	1684.3	1757.4	1874.0	1914.4	1819.3	1722.6	1660.2	1607.5	1602.9
62.5°	1804.0	1804.5	1855.6	1954.8	2106.2	2171.2	2040.3	1909.3	1830.0	1772.2	1760.0
65°	2000.9	2004.4	2059.2	2159.4	2333.3	2413.6	2262.7	2103.2	2009.6	1931.3	1929.8
67.5°	2202.9	2200.9	2251.0	2357.4	2525.1	2599.3	2441.2	2263.3	2141.5	2043.8	2031.0
70°	2332.3	2343.6	2397.8	2499.6	2660.2	2732.3	2540.0	2325.1	2197.8	2108.3	2102.1
72.5°	2223.4	2244.3	2314.4	2483.2	2710.8	2796.2	2516.4	2261.2	2100.6	2010.6	2010.6
75°	1805.0	1839.8	1937.4	2197.3	2535.9	2683.7	2329.7	1978.9	1745.1	1649.0	1649.0
77.5°	1099.7	1132.9	1264.9	1582.0	2047.9	2237.2	1899.1	1490.4	1219.9	1102.2	1086.9
80°	365.7	387.2	516.6	804.0	1257.2	1488.9	1272.5	846.5	546.2	416.3	414.3
82.5°	97.2	105.9	147.3	233.2	545.7	806.6	582.1	279.3	160.1	124.3	114.6
85°	33.8	36.3	62.4	77.7	138.6	267.0	162.1	101.3	77.7	47.1	44.0
87.5°	9.7	10.7	25.1	27.1	39.9	31.2	44.0	40.4	36.8	15.3	13.8
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)