

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: P672405

Luminaire Tested: **CCP-SA-2B-740-U-5WQ**

Issue Date: 04/16/2023



Test Information

Test Method: LM-79-08
Report Number: P672405
Test Lab: INNOVATION CENTER(G2)
Issue Date: 04/16/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: CCP-SA-2B-740-U-5WQ
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @450mA w/ 5WQ distribution lens
Light Source: (32) 4000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

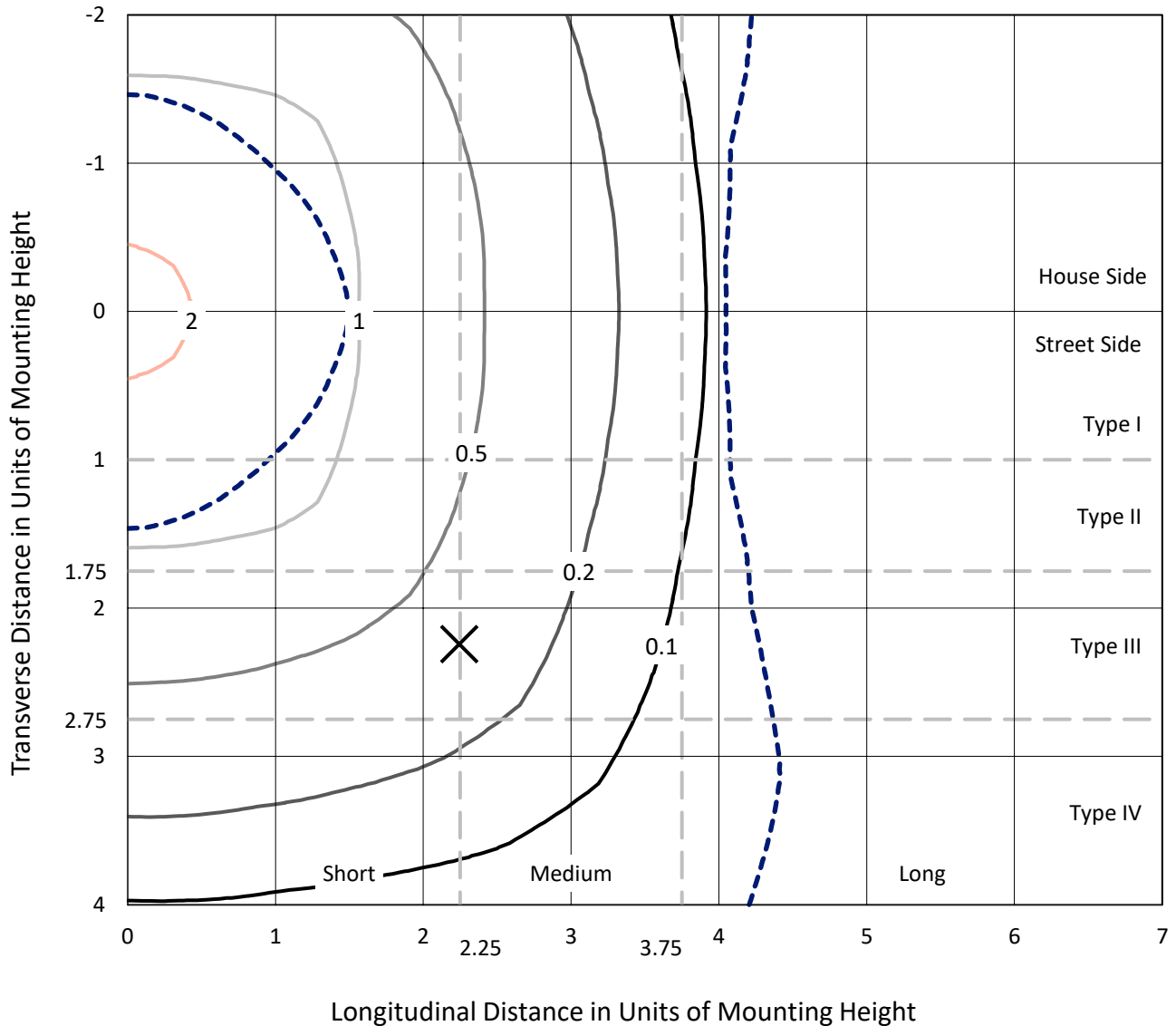
Lumens per Lamp: N/A
Luminaire Lumens: 7238.4 lumens
Efficiency: N/A
Efficacy: 157.4 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type V - Short
BUG Rating: B3 - U0 - G2

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

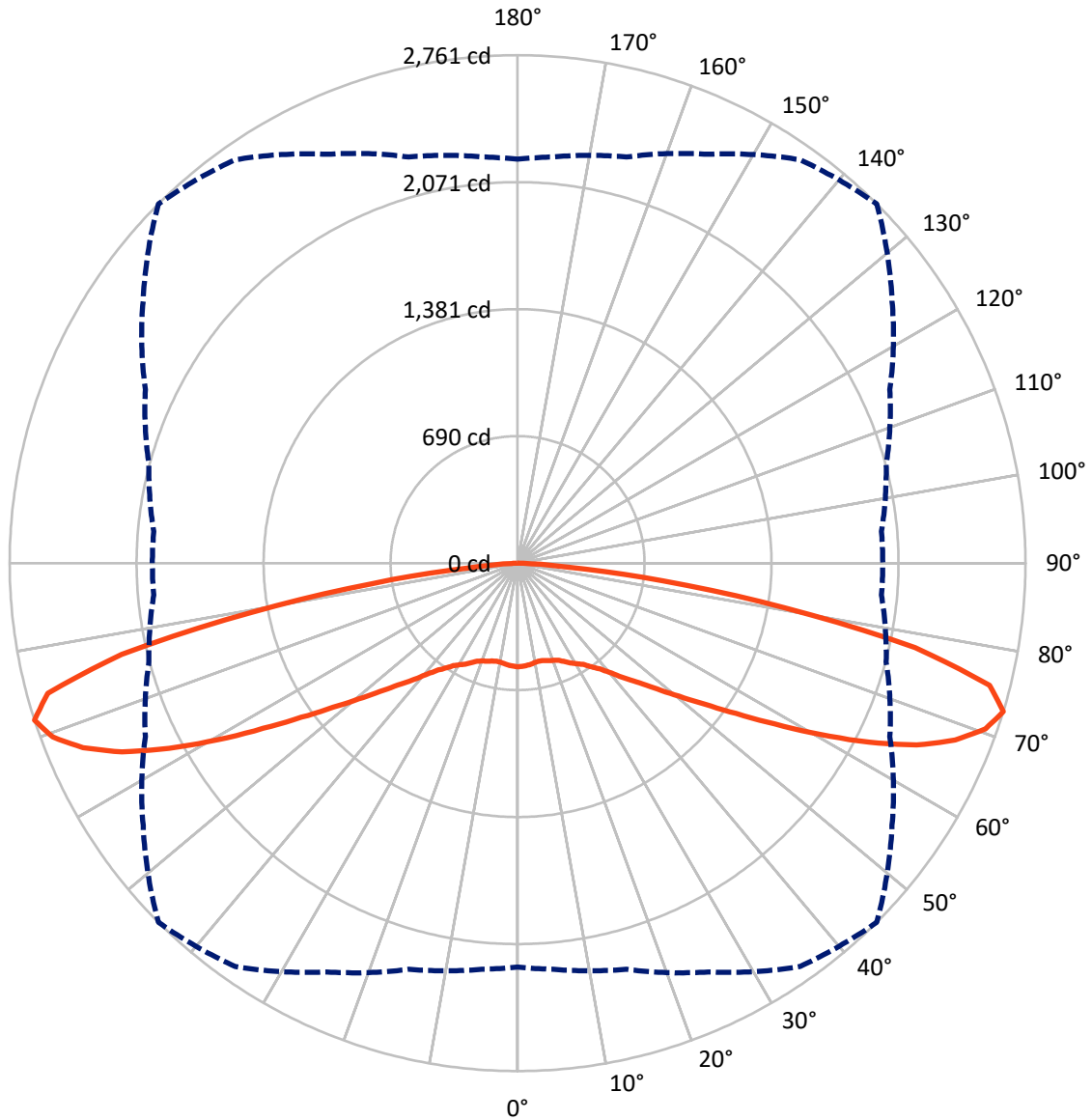
× Max cd
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 2.5 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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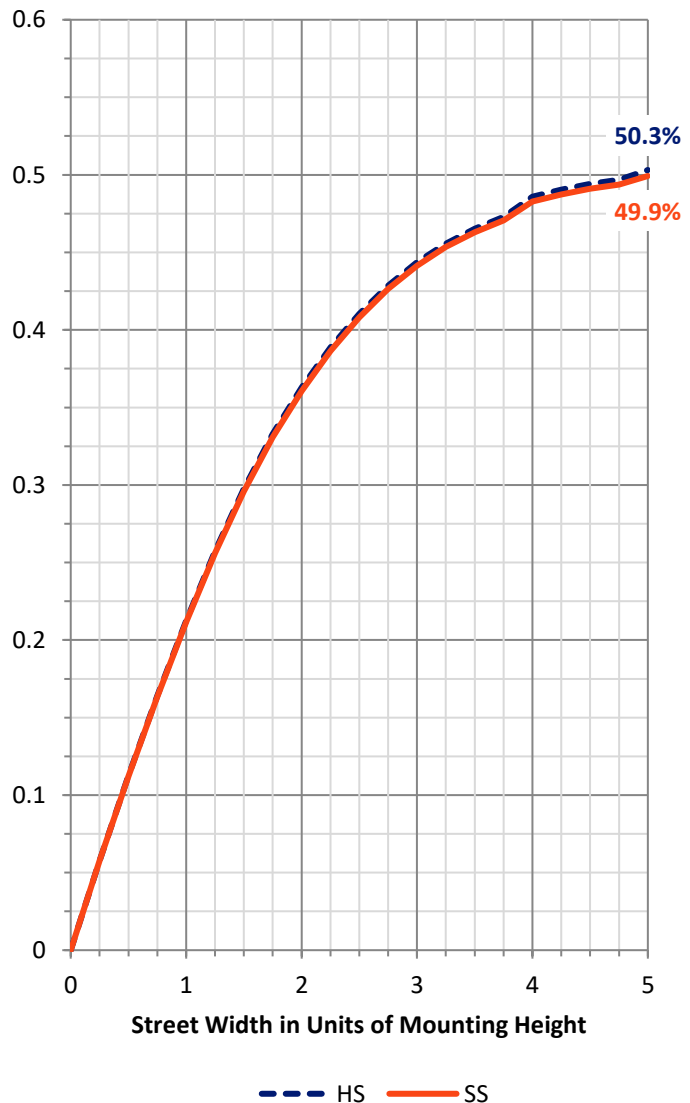
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3619.2	0.0	3619.2
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	3619.2	0.0	3619.2
	% Fixture	50.0	0.0	50.0
Total	Lumens	7238.4	0.0	7238.4
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	52.9	0.7
10°-20°	157.2	2.2
20°-30°	276.2	3.8
30°-40°	440.6	6.1
40°-50°	736.8	10.2
50°-60°	1260.7	17.4
60°-70°	2081.3	28.8
70°-80°	1994.8	27.6
80°-90°	237.9	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°	7238.4	100.0
0°-180°	7238.4	100.0



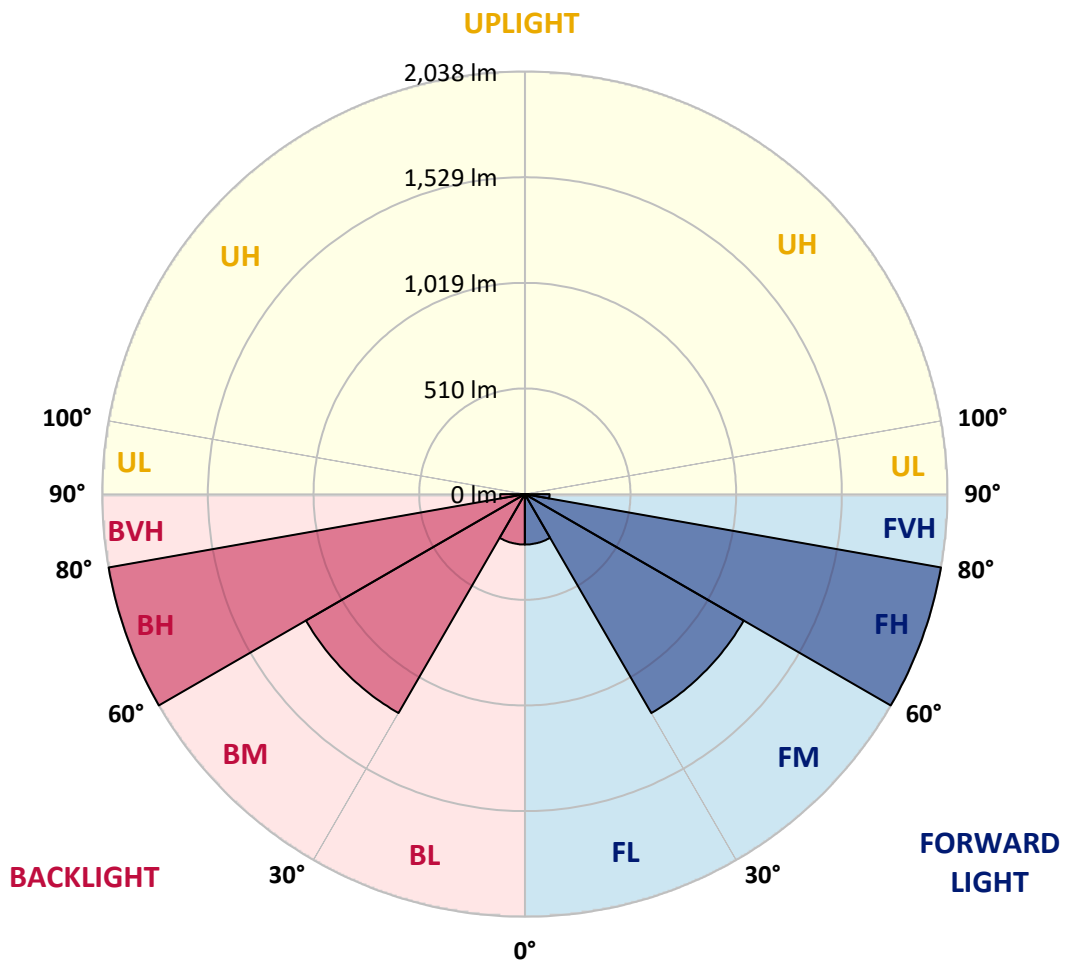
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	243.2	3.4			
FM (30°-60°)	1219.1	16.8			
FH (60°-80°)	2038.1	28.2			G2/5000
FVH (80°-90°)	119.0	1.6			G2/225
BL (0°-30°)	243.2	3.4	B1/500		
BM (30°-60°)	1219.1	16.8	B2/2500		
BH (60°-80°)	2038.1	28.2	B3/2500		G2/5000
BVH (80°-90°)	119.0	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°	563.7	563.7	563.7	563.7	563.7	563.7	563.7	563.7	563.7	563.7	563.7
2.5°	560.1	560.1	561.6	562.2	561.6	561.1	560.6	560.1	561.6	561.1	561.6
5°	558.6	558.6	559.1	559.6	558.6	558.1	557.1	556.6	557.6	557.6	558.6
7.5°	554.6	554.1	554.6	555.1	553.6	553.1	551.5	551.5	551.5	551.0	552.1
10°	551.0	550.0	550.0	549.0	546.5	547.0	545.0	546.5	549.0	549.5	550.0
12.5°	552.6	551.5	550.5	548.0	544.5	545.0	544.5	546.0	549.5	551.5	553.1
15°	559.6	558.6	556.1	551.5	549.5	549.5	548.5	549.0	554.1	557.1	558.6
17.5°	567.2	565.2	560.6	557.6	555.6	557.1	553.6	553.1	557.1	561.6	563.2
20°	573.3	571.7	566.2	562.7	562.7	564.2	560.6	558.6	563.2	568.7	570.2
22.5°	583.9	582.9	577.3	573.8	573.8	574.3	572.3	570.7	575.8	581.3	582.9
25°	599.0	599.0	593.5	592.0	591.4	592.5	589.9	588.4	593.0	597.0	598.5
27.5°	616.7	615.2	610.6	609.6	611.6	615.2	610.6	606.6	610.1	613.7	614.2
30°	635.4	635.4	631.3	631.3	632.9	634.4	630.3	626.3	629.8	633.9	634.4
32.5°	661.7	660.1	658.6	659.1	658.6	656.6	654.6	654.1	657.1	659.6	660.6
35°	694.0	693.5	691.5	692.5	692.5	692.5	686.4	684.4	689.4	691.5	690.4
37.5°	744.0	743.5	738.4	735.4	731.9	730.3	722.8	722.3	734.4	740.4	739.4
40°	805.1	803.1	798.5	793.5	788.9	785.9	778.3	783.9	796.5	801.1	801.1
42.5°	871.8	869.2	864.2	861.7	858.6	855.6	845.5	848.0	863.2	867.7	862.7
45°	953.6	950.1	944.5	938.9	934.4	928.3	923.3	925.8	942.0	947.5	943.5
47.5°	1040.5	1039.5	1034.9	1030.4	1026.3	1022.3	1015.7	1020.3	1034.4	1033.4	1025.3
50°	1132.4	1134.4	1134.9	1139.5	1136.4	1136.9	1124.8	1122.3	1133.4	1126.8	1116.7
52.5°	1231.4	1234.4	1245.0	1254.1	1270.8	1272.8	1257.6	1241.5	1239.5	1222.3	1211.7
55°	1346.0	1345.5	1368.8	1394.0	1430.9	1442.5	1408.7	1378.4	1361.7	1328.4	1317.2
57.5°	1475.8	1474.3	1509.7	1554.1	1620.8	1649.6	1587.5	1529.9	1489.5	1449.6	1438.0
60°	1616.8	1620.3	1663.2	1735.4	1850.6	1890.5	1796.6	1701.1	1639.5	1587.5	1582.9
62.5°	1781.4	1781.9	1832.4	1930.4	2079.9	2144.1	2014.8	1885.5	1807.2	1750.1	1738.0
65°	1975.9	1979.4	2033.4	2132.4	2304.2	2383.5	2234.5	2076.9	1984.5	1907.2	1905.7
67.5°	2175.4	2173.4	2222.8	2327.9	2493.6	2566.8	2410.7	2235.0	2114.8	2018.3	2005.7
70°	2303.2	2314.3	2367.8	2468.3	2626.9	2698.1	2508.2	2296.1	2170.3	2081.9	2075.9
72.5°	2195.6	2216.3	2285.5	2452.2	2676.9	2761.3	2485.0	2232.9	2074.4	1985.5	1985.5
75°	1782.4	1816.8	1913.2	2169.8	2504.2	2650.1	2300.6	1954.1	1723.3	1628.4	1628.4
77.5°	1085.9	1118.7	1249.1	1562.2	2022.3	2209.2	1875.4	1471.8	1204.6	1088.4	1073.3
80°	361.1	382.3	510.1	794.0	1241.5	1470.3	1256.6	835.9	539.4	411.1	409.1
82.5°	96.0	104.6	145.5	230.3	538.9	796.5	574.8	275.8	158.1	122.7	113.1
85°	33.3	35.9	61.6	76.8	136.9	263.7	160.1	100.0	76.8	46.5	43.4
87.5°	9.6	10.6	24.7	26.8	39.4	30.8	43.4	39.9	36.4	15.2	13.6
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)