

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: P672381

Luminaire Tested: **CCP-SA-1F-730-U-5WQ**

Issue Date: 04/16/2023

Test Information

Test Method: LM-79-08
Report Number: P672381
Test Lab: INNOVATION CENTER(G2)
Issue Date: 04/16/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: CCP-SA-1F-730-U-5WQ
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @1200mA w/ 5WQ
distribution lens
Light Source: (16) 3000K CCT, 70 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 7155.8 lumens
Efficiency: N/A
Efficacy: 106.8 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification: Type V - Short
BUG Rating: B3 - U0 - G2

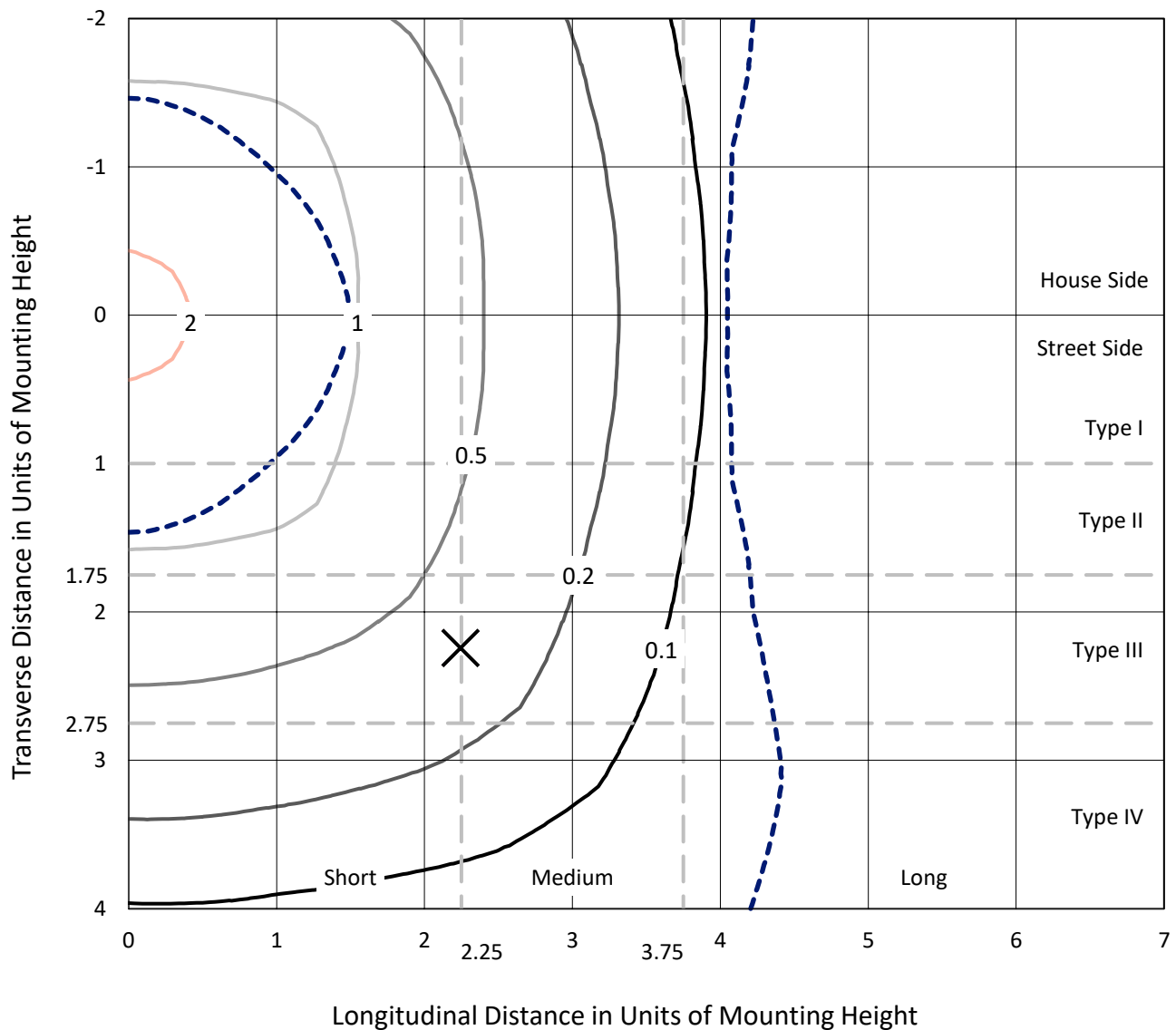
Input Watts (W): 67
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT

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Iso-Footcandle Lines of Horizontal Illumination

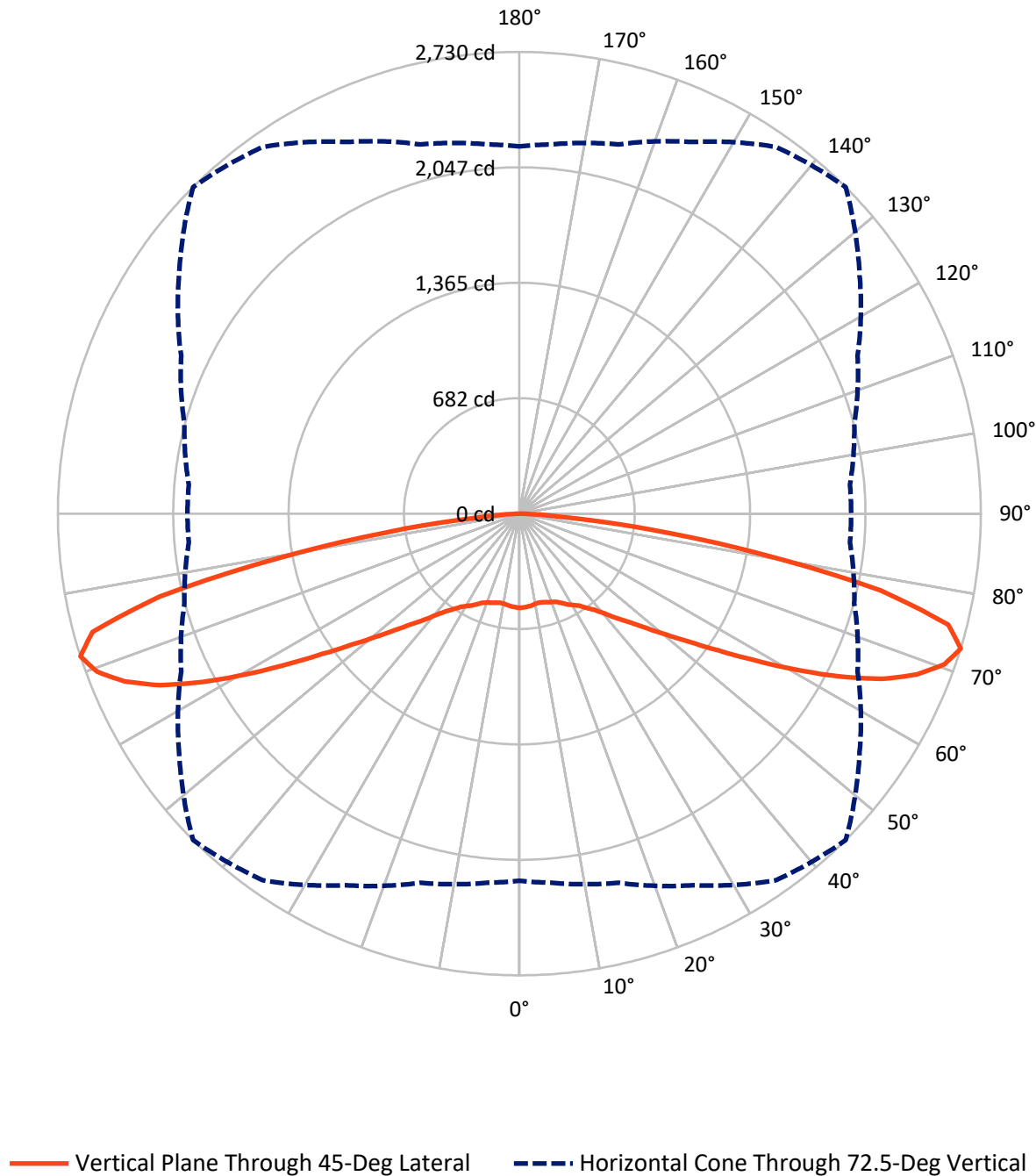
× Max cd
 - - - 1/2 Max cd



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



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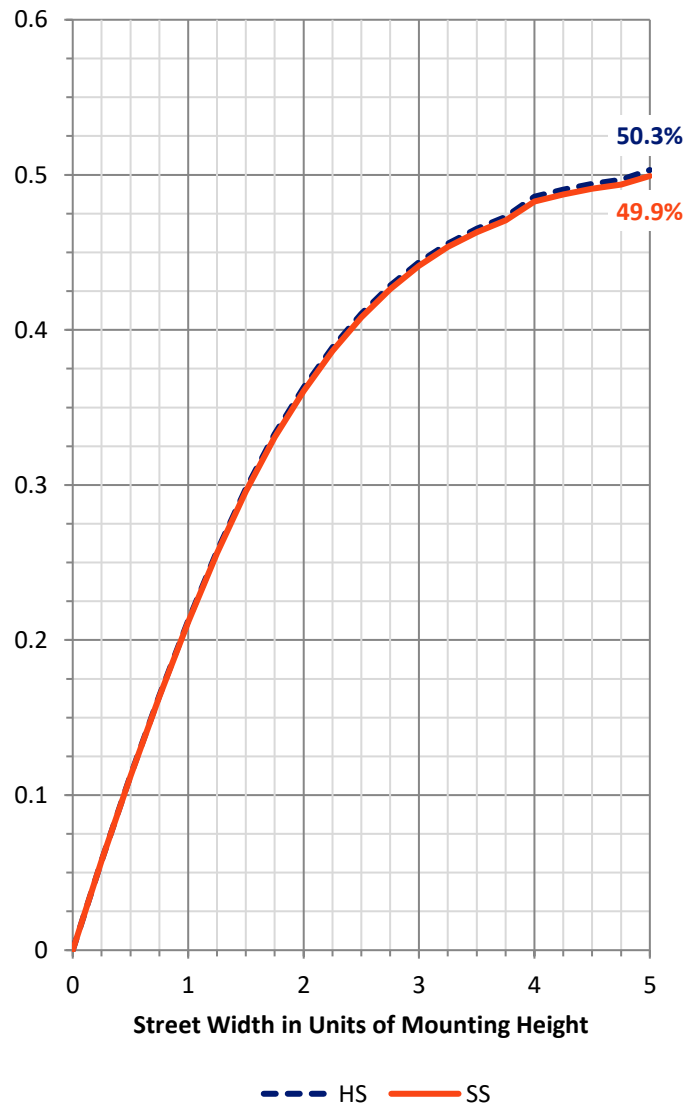
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3577.9	0.0	3577.9
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	3577.9	0.0	3577.9
	% Fixture	50.0	0.0	50.0
Total	Lumens	7155.8	0.0	7155.8
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	52.3	0.7
10°-20°	155.4	2.2
20°-30°	273.0	3.8
30°-40°	435.6	6.1
40°-50°	728.3	10.2
50°-60°	1246.3	17.4
60°-70°	2057.5	28.8
70°-80°	1972.1	27.6
80°-90°	235.2	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°	7155.8	100.0
0°-180°	7155.8	100.0



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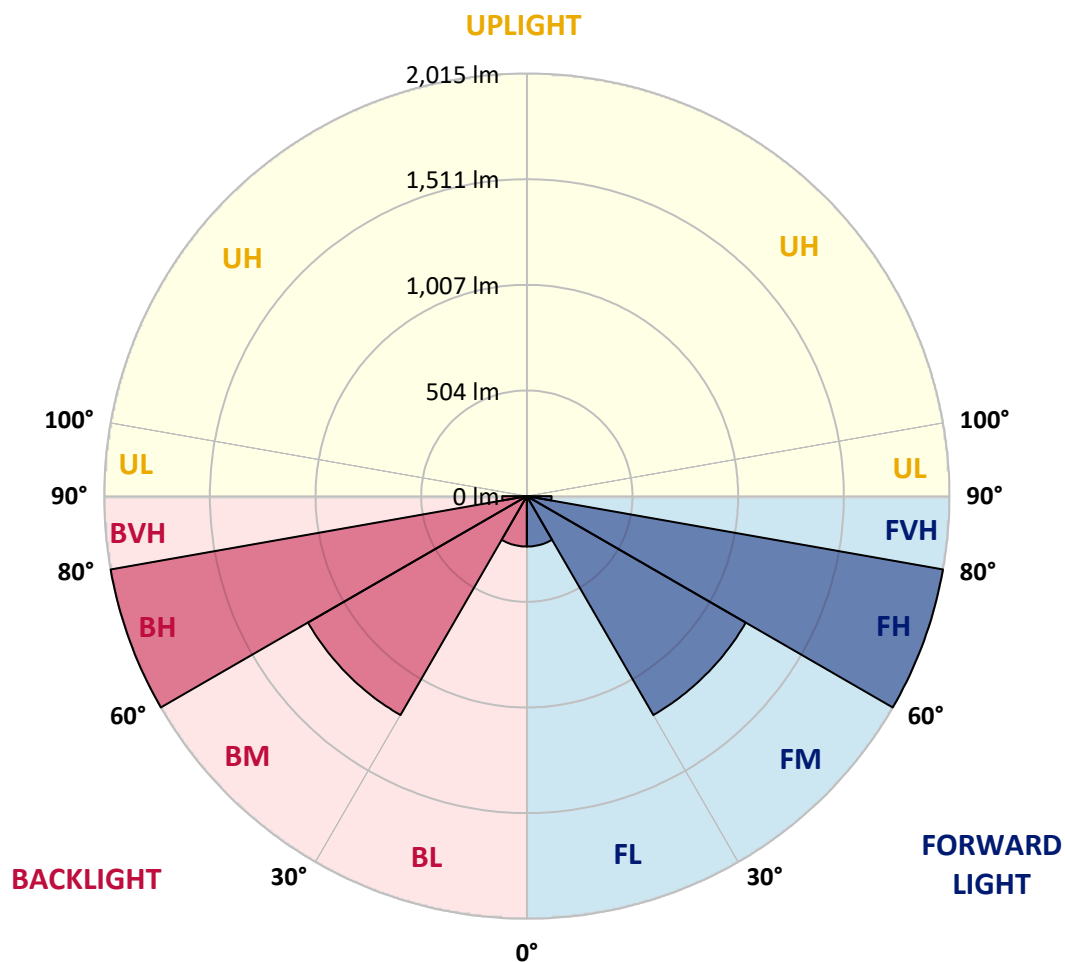
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	240.4	3.4			
FM	(30°-60°)	1205.1	16.8			
FH	(60°-80°)	2014.8	28.2			G2/5000
FVH	(80°-90°)	117.6	1.6			G2/225
BL	(0°-30°)	240.4	3.4	B1/500		
BM	(30°-60°)	1205.1	16.8	B2/2500		
BH	(60°-80°)	2014.8	28.2	B3/2500		G2/5000
BVH	(80°-90°)	117.6	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°	557.2	557.2	557.2	557.2	557.2	557.2	557.2	557.2	557.2	557.2	557.2
2.5°	553.7	553.7	555.2	555.7	555.2	554.7	554.2	553.7	555.2	554.7	555.2
5°	552.2	552.2	552.7	553.2	552.2	551.7	550.7	550.2	551.2	551.2	552.2
7.5°	548.2	547.7	548.2	548.7	547.2	546.7	545.3	545.3	545.3	544.8	545.7
10°	544.8	543.8	543.8	542.8	540.3	540.8	538.8	540.3	542.8	543.3	543.8
12.5°	546.2	545.3	544.3	541.8	538.3	538.8	538.3	539.8	543.3	545.3	546.7
15°	553.2	552.2	549.7	545.3	543.3	543.3	542.3	542.8	547.7	550.7	552.2
17.5°	560.7	558.7	554.2	551.2	549.2	550.7	547.2	546.7	550.7	555.2	556.7
20°	566.7	565.2	559.7	556.2	556.2	557.7	554.2	552.2	556.7	562.2	563.7
22.5°	577.2	576.2	570.7	567.2	567.2	567.7	565.7	564.2	569.2	574.7	576.2
25°	592.2	592.2	586.7	585.2	584.7	585.7	583.2	581.7	586.2	590.2	591.7
27.5°	609.7	608.2	603.7	602.7	604.7	608.2	603.7	599.7	603.2	606.7	607.2
30°	628.1	628.1	624.1	624.1	625.6	627.1	623.1	619.1	622.6	626.6	627.1
32.5°	654.1	652.6	651.1	651.6	651.1	649.1	647.1	646.6	649.6	652.1	653.1
35°	686.1	685.6	683.6	684.6	684.6	684.6	678.6	676.6	681.6	683.6	682.6
37.5°	735.5	735.0	730.0	727.0	723.5	722.0	714.5	714.0	726.0	732.0	731.0
40°	795.9	793.9	789.4	784.4	779.9	776.9	769.4	774.9	787.4	791.9	791.9
42.5°	861.8	859.3	854.3	851.8	848.8	845.8	835.9	838.3	853.3	857.8	852.8
45°	942.7	939.2	933.7	928.2	923.7	917.7	912.7	915.2	931.2	936.7	932.7
47.5°	1028.6	1027.6	1023.1	1018.6	1014.6	1010.6	1004.1	1008.6	1022.6	1021.6	1013.6
50°	1119.5	1121.5	1122.0	1126.5	1123.5	1124.0	1112.0	1109.5	1120.5	1114.0	1104.0
52.5°	1217.3	1220.3	1230.8	1239.8	1256.3	1258.3	1243.3	1227.3	1225.3	1208.3	1197.9
55°	1330.7	1330.2	1353.1	1378.1	1414.6	1426.0	1392.6	1362.6	1346.1	1313.2	1302.2
57.5°	1459.0	1457.5	1492.4	1536.4	1602.3	1630.8	1569.3	1512.4	1472.5	1433.0	1421.5
60°	1598.3	1601.8	1644.2	1715.6	1829.5	1868.9	1776.1	1681.7	1620.8	1569.3	1564.8
62.5°	1761.1	1761.6	1811.5	1908.4	2056.2	2119.6	1991.8	1863.9	1786.5	1730.1	1718.1
65°	1953.3	1956.8	2010.2	2108.1	2277.9	2356.3	2209.0	2053.2	1961.8	1885.4	1883.9
67.5°	2150.5	2148.5	2197.5	2301.3	2465.1	2537.5	2383.2	2209.5	2090.6	1995.3	1982.8
70°	2276.9	2287.9	2340.8	2440.1	2596.9	2667.3	2479.6	2269.9	2145.6	2058.2	2052.2
72.5°	2170.5	2191.0	2259.4	2424.2	2646.4	2729.7	2456.6	2207.5	2050.7	1962.8	1962.8
75°	1762.1	1796.0	1891.4	2145.1	2475.6	2619.9	2274.4	1931.8	1703.7	1609.8	1609.8
77.5°	1073.5	1106.0	1234.8	1544.4	1999.3	2184.0	1854.0	1455.0	1190.9	1076.0	1061.0
80°	357.0	378.0	504.3	784.9	1227.3	1453.5	1242.3	826.4	533.3	406.4	404.4
82.5°	94.9	103.4	143.8	227.7	532.8	787.4	568.2	272.6	156.3	121.3	111.8
85°	33.0	35.5	60.9	75.9	135.3	260.6	158.3	98.9	75.9	45.9	42.9
87.5°	9.5	10.5	24.5	26.5	38.9	30.5	42.9	39.4	36.0	15.0	13.5
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)