

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: P672383

Luminaire Tested: **CCP-SA-2B-730-U-5WQ**

Issue Date: 04/16/2023

Test Information

Test Method: LM-79-08
Report Number: P672383
Test Lab: INNOVATION CENTER(G2)
Issue Date: 04/16/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: CCP-SA-2B-730-U-5WQ
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @450mA w/ 5WQ
distribution lens
Light Source: (32) 3000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 6591.3 lumens
Efficiency: N/A
Efficacy: 143.3 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type V - Short
BUG Rating: B3 - U0 - G2

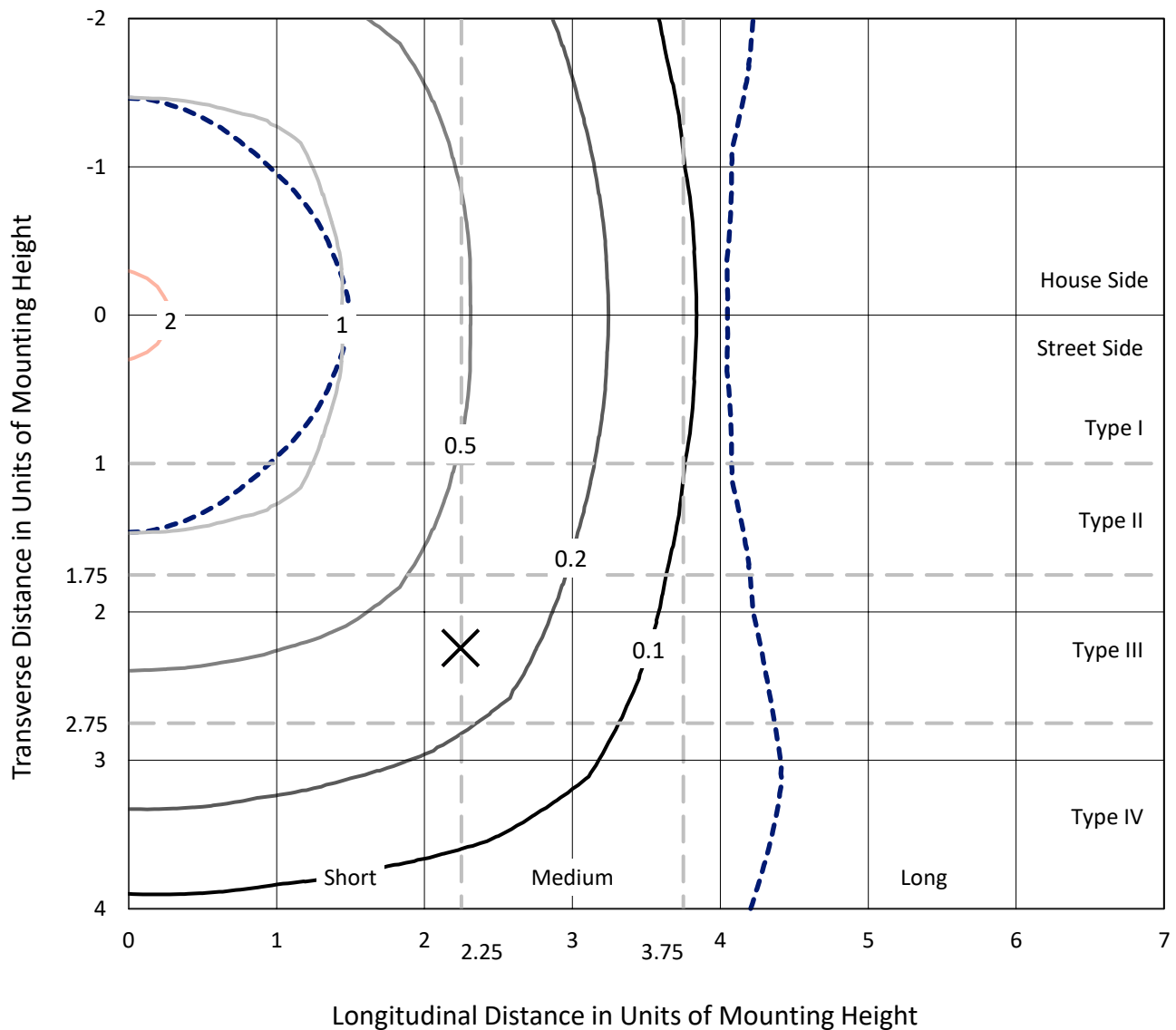
Input Watts (W): 46
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT

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Iso-Footcandle Lines of Horizontal Illumination

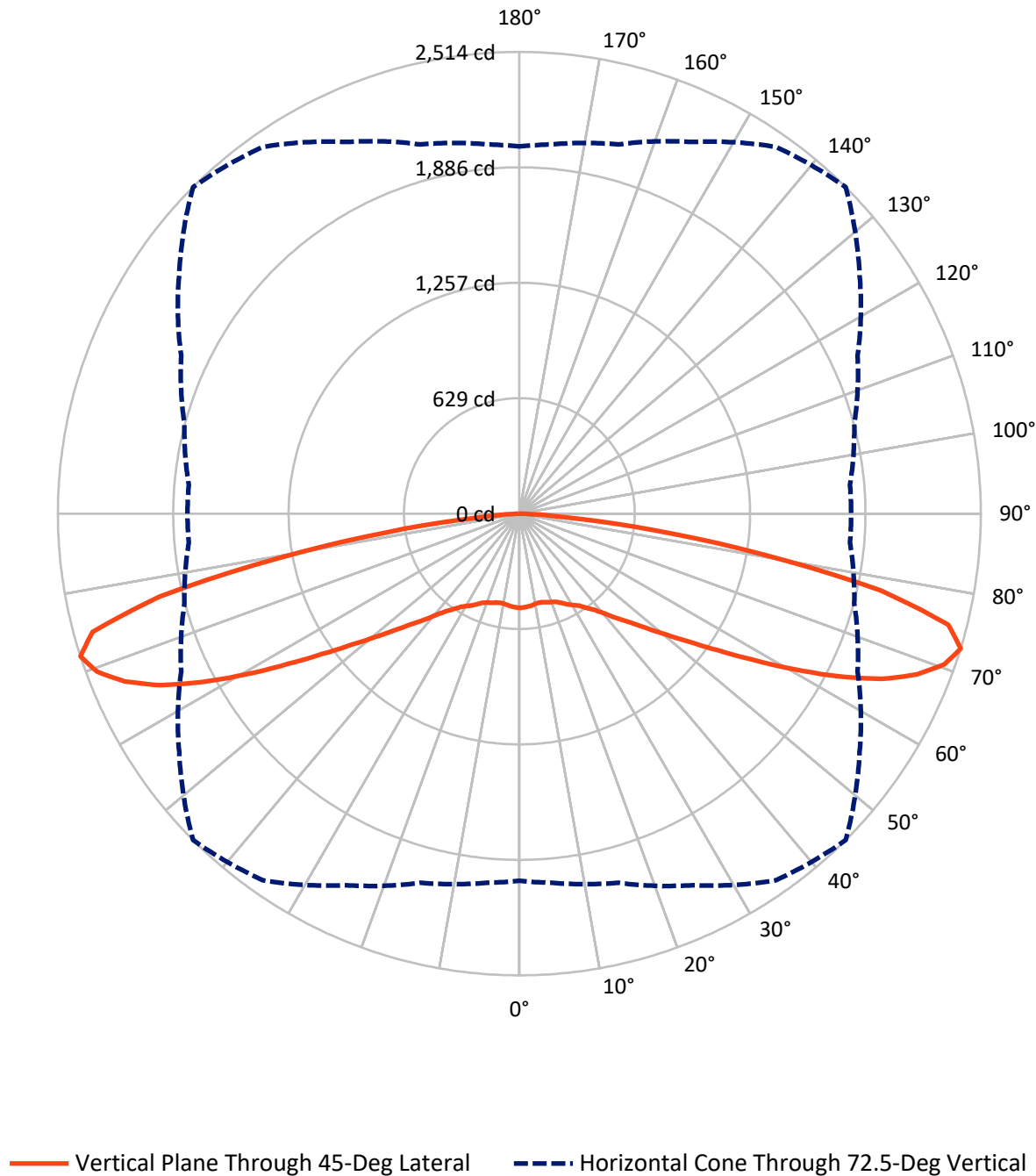
× Max cd
- - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 2.3 fc
Type V - Short - N/A

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Luminous Intensity Polar Plot



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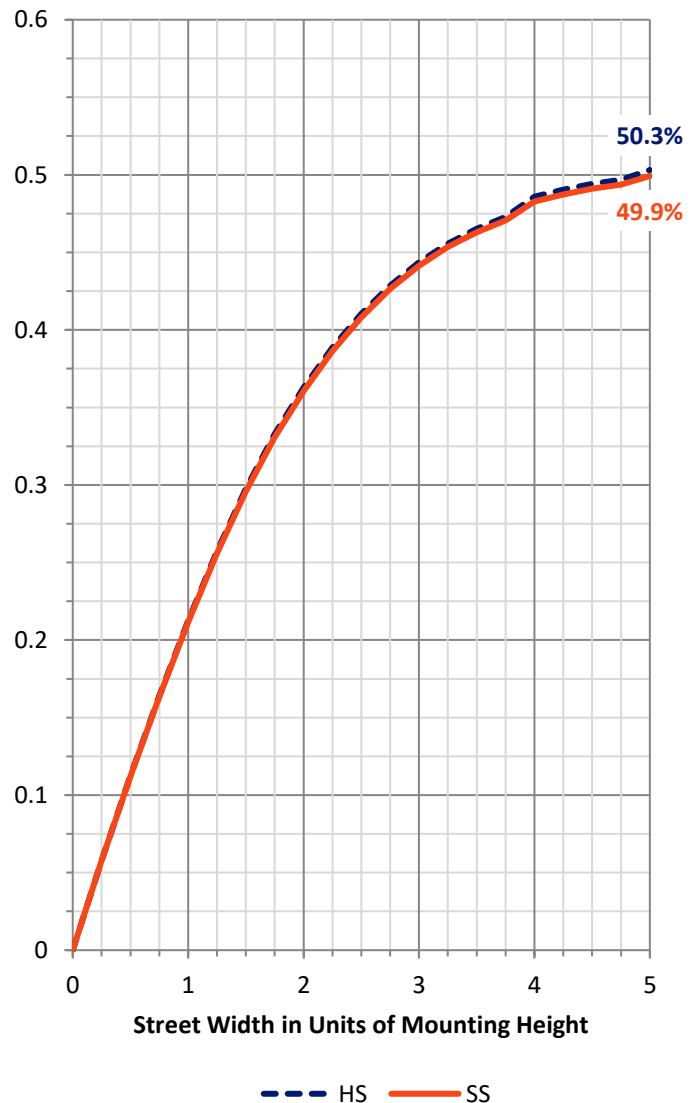
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3295.6	0.0	3295.6
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	3295.6	0.0	3295.6
	% Fixture	50.0	0.0	50.0
Total	Lumens	6591.3	0.0	6591.3
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	48.2	0.7
10°-20°	143.2	2.2
20°-30°	251.5	3.8
30°-40°	401.2	6.1
40°-50°	670.9	10.2
50°-60°	1148.0	17.4
60°-70°	1895.2	28.8
70°-80°	1816.5	27.6
80°-90°	216.6	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°	6591.3	100.0
0°-180°	6591.3	100.0



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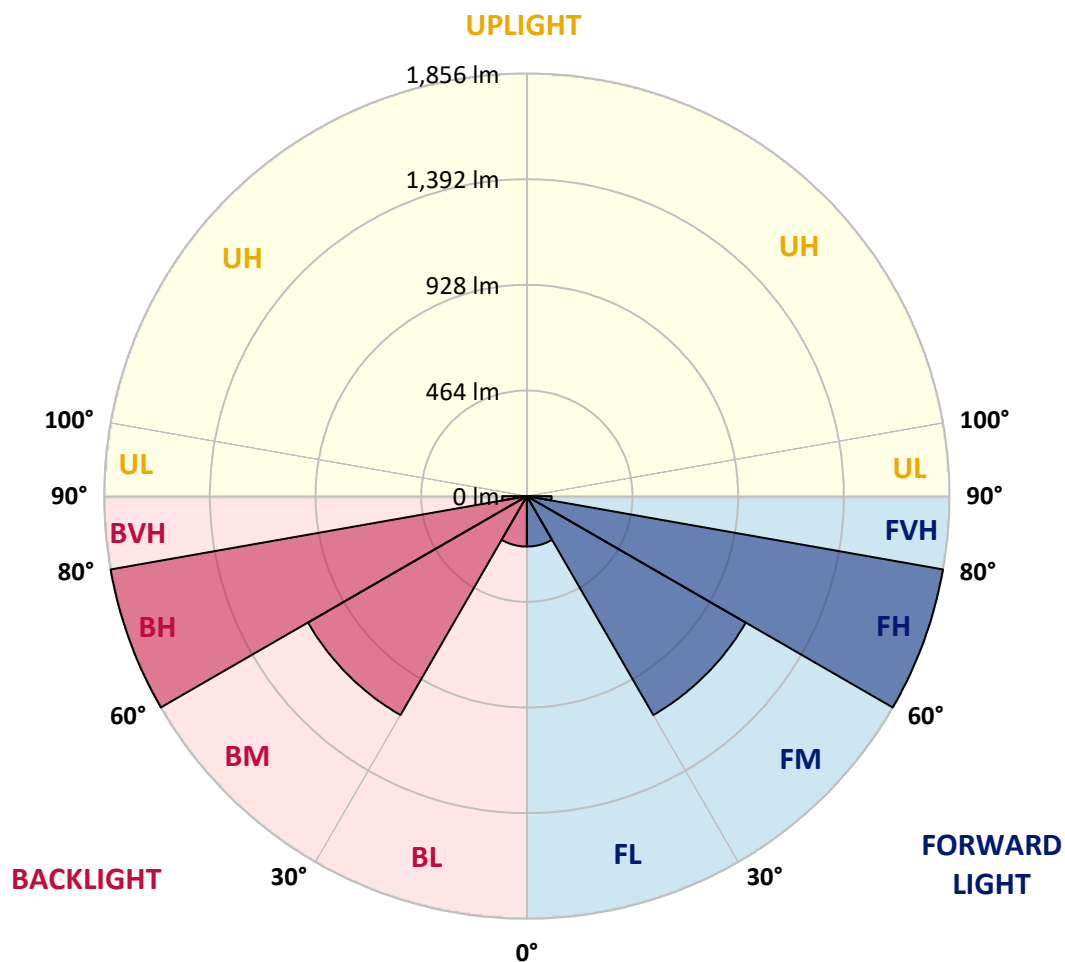
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	221.4	3.4			
FM	(30°-60°)	1110.1	16.8			
FH	(60°-80°)	1855.9	28.2			G2/5000
FVH	(80°-90°)	108.3	1.6			G2/225
BL	(0°-30°)	221.4	3.4	B1/500		
BM	(30°-60°)	1110.1	16.8	B2/2500		
BH	(60°-80°)	1855.9	28.2	B3/2500		G2/5000
BVH	(80°-90°)	108.3	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°	513.3	513.3	513.3	513.3	513.3	513.3	513.3	513.3	513.3	513.3	513.3
2.5°	510.1	510.1	511.4	511.9	511.4	511.0	510.5	510.1	511.4	511.0	511.4
5°	508.7	508.7	509.1	509.6	508.7	508.2	507.3	506.8	507.8	507.8	508.7
7.5°	505.0	504.5	505.0	505.5	504.1	503.6	502.2	502.2	502.2	501.8	502.7
10°	501.8	500.9	500.9	499.9	497.6	498.1	496.3	497.6	499.9	500.4	500.9
12.5°	503.2	502.2	501.3	499.0	495.8	496.3	495.8	497.2	500.4	502.2	503.6
15°	509.6	508.7	506.4	502.2	500.4	500.4	499.5	499.9	504.5	507.3	508.7
17.5°	516.5	514.7	510.5	507.8	505.9	507.3	504.1	503.6	507.3	511.4	512.8
20°	522.0	520.6	515.6	512.4	512.4	513.7	510.5	508.7	512.8	517.9	519.3
22.5°	531.7	530.8	525.7	522.5	522.5	522.9	521.1	519.7	524.3	529.4	530.8
25°	545.5	545.5	540.4	539.0	538.6	539.5	537.2	535.8	540.0	543.6	545.0
27.5°	561.6	560.2	556.0	555.1	557.0	560.2	556.0	552.4	555.6	558.8	559.3
30°	578.6	578.6	574.9	574.9	576.3	577.7	574.0	570.3	573.5	577.2	577.7
32.5°	602.5	601.1	599.7	600.2	599.7	597.9	596.1	595.6	598.4	600.7	601.6
35°	631.9	631.5	629.6	630.6	630.6	630.6	625.0	623.2	627.8	629.6	628.7
37.5°	677.5	677.0	672.4	669.6	666.4	665.1	658.2	657.7	668.7	674.2	673.3
40°	733.1	731.3	727.1	722.5	718.4	715.6	708.7	713.8	725.3	729.4	729.4
42.5°	793.8	791.5	786.9	784.6	781.9	779.1	769.9	772.2	786.0	790.1	785.6
45°	868.3	865.1	860.1	855.0	850.9	845.3	840.7	843.0	857.8	862.8	859.1
47.5°	947.4	946.5	942.4	938.2	934.6	930.9	924.9	929.0	941.9	941.0	933.6
50°	1031.1	1033.0	1033.4	1037.6	1034.8	1035.3	1024.3	1022.0	1032.1	1026.1	1016.9
52.5°	1121.3	1124.1	1133.7	1142.0	1157.2	1159.0	1145.2	1130.5	1128.7	1113.0	1103.4
55°	1225.7	1225.2	1246.4	1269.4	1303.0	1313.5	1282.7	1255.1	1240.0	1209.6	1199.5
57.5°	1343.9	1342.5	1374.7	1415.2	1475.9	1502.1	1445.5	1393.1	1356.3	1320.0	1309.4
60°	1472.2	1475.4	1514.5	1580.3	1685.2	1721.5	1635.9	1549.0	1492.9	1445.5	1441.4
62.5°	1622.2	1622.6	1668.6	1757.8	1894.0	1952.4	1834.6	1716.9	1645.6	1593.6	1582.6
65°	1799.2	1802.4	1851.7	1941.8	2098.2	2170.4	2034.7	1891.2	1807.0	1736.7	1735.3
67.5°	1980.9	1979.1	2024.1	2119.8	2270.6	2337.3	2195.2	2035.2	1925.7	1837.9	1826.4
70°	2097.3	2107.4	2156.1	2247.6	2392.1	2456.9	2284.0	2090.8	1976.3	1895.8	1890.3
72.5°	1999.3	2018.1	2081.2	2232.9	2437.6	2514.4	2262.8	2033.3	1888.9	1808.0	1808.0
75°	1623.1	1654.3	1742.2	1975.8	2280.3	2413.2	2095.0	1779.4	1569.3	1482.8	1482.8
77.5°	988.8	1018.7	1137.4	1422.5	1841.5	2011.7	1707.7	1340.2	1096.9	991.1	977.3
80°	328.8	348.2	464.5	723.0	1130.5	1338.8	1144.3	761.2	491.2	374.4	372.5
82.5°	87.4	95.2	132.5	209.7	490.7	725.3	523.4	251.1	144.0	111.8	103.0
85°	30.4	32.7	56.1	69.9	124.6	240.1	145.8	91.1	69.9	42.3	39.6
87.5°	8.7	9.7	22.5	24.4	35.9	28.1	39.6	36.3	33.1	13.8	12.4
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)