

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: P672380

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

Issue Date: 04/16/2023

Test Information

Test Method: LM-79-08
Report Number: P672380
Test Lab: INNOVATION CENTER(G2)
Issue Date: 04/16/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: CCP-SA-1E-730-U-5WQ
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @1050mA w/ 5WQ
distribution lens
Light Source: (16) 3000K CCT, 70 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 6525.3 lumens
Efficiency: N/A
Efficacy: 116.3 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification: Type V - Short
BUG Rating: B3 - U0 - G2

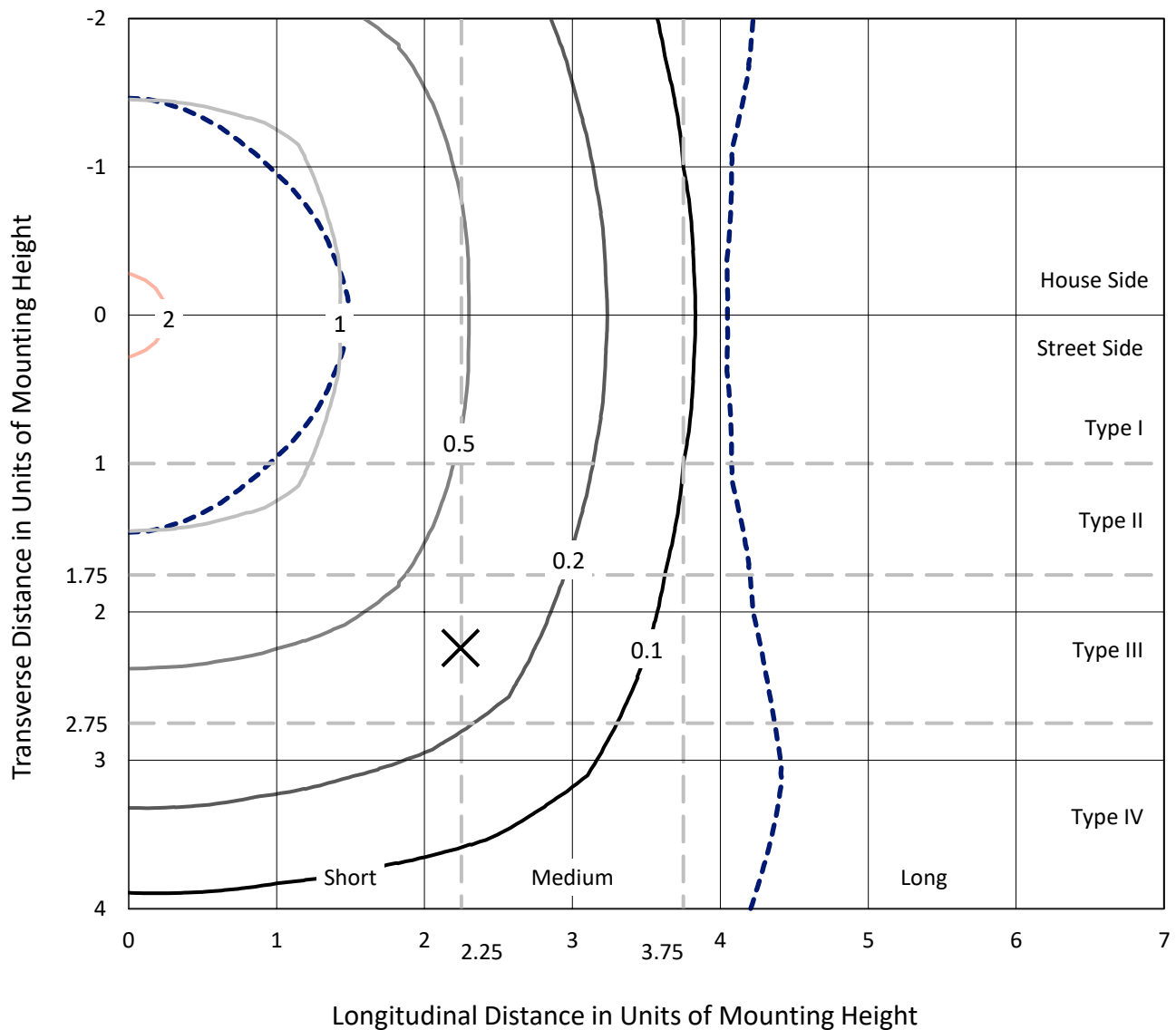
Input Watts (W): 56.1
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT

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Iso-Footcandle Lines of Horizontal Illumination

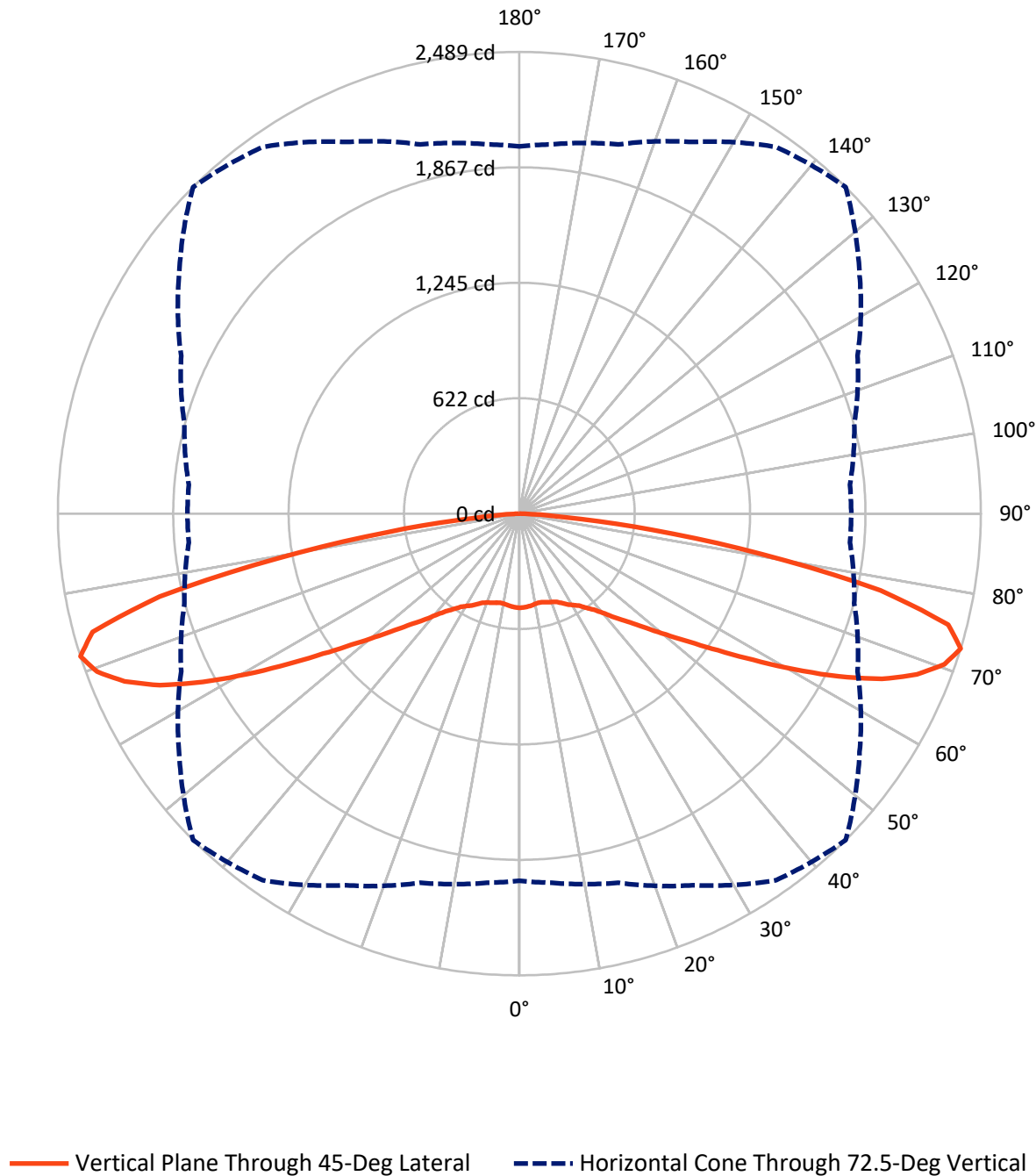
× Max cd
- - - 1/2 Max cd



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

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Luminous Intensity Polar Plot



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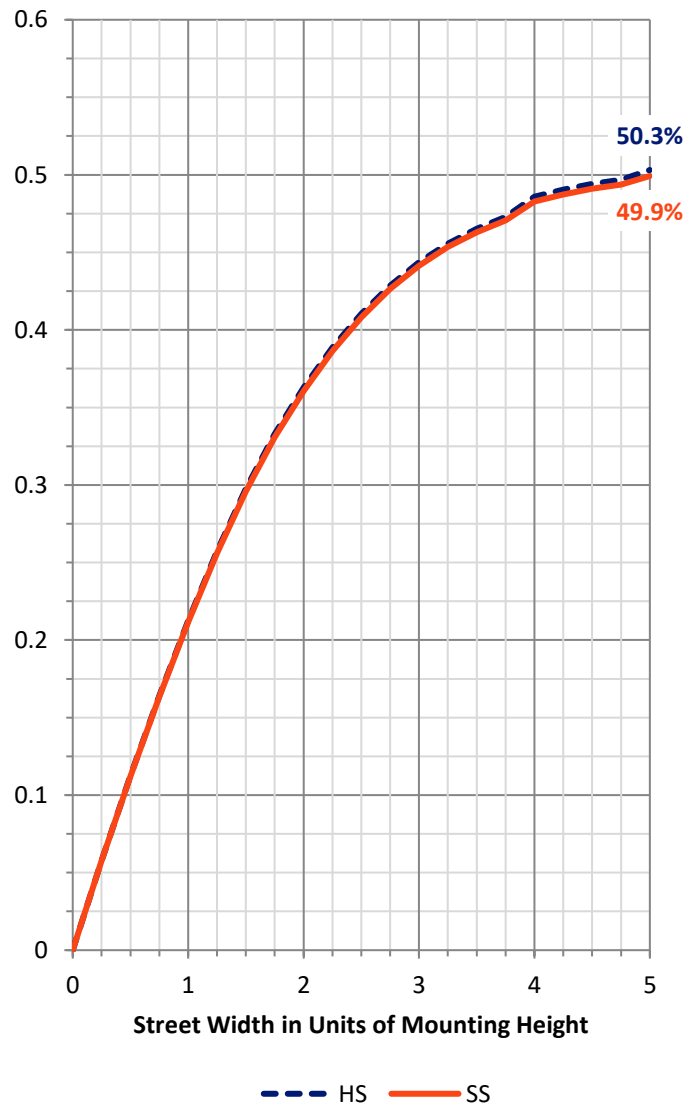
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3262.7	0.0	3262.7
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	3262.7	0.0	3262.7
	% Fixture	50.0	0.0	50.0
Total	Lumens	6525.3	0.0	6525.3
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	47.7	0.7
10°-20°	141.7	2.2
20°-30°	249.0	3.8
30°-40°	397.2	6.1
40°-50°	664.2	10.2
50°-60°	1136.5	17.4
60°-70°	1876.3	28.8
70°-80°	1798.3	27.6
80°-90°	214.5	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°	6525.3	100.0
0°-180°	6525.3	100.0



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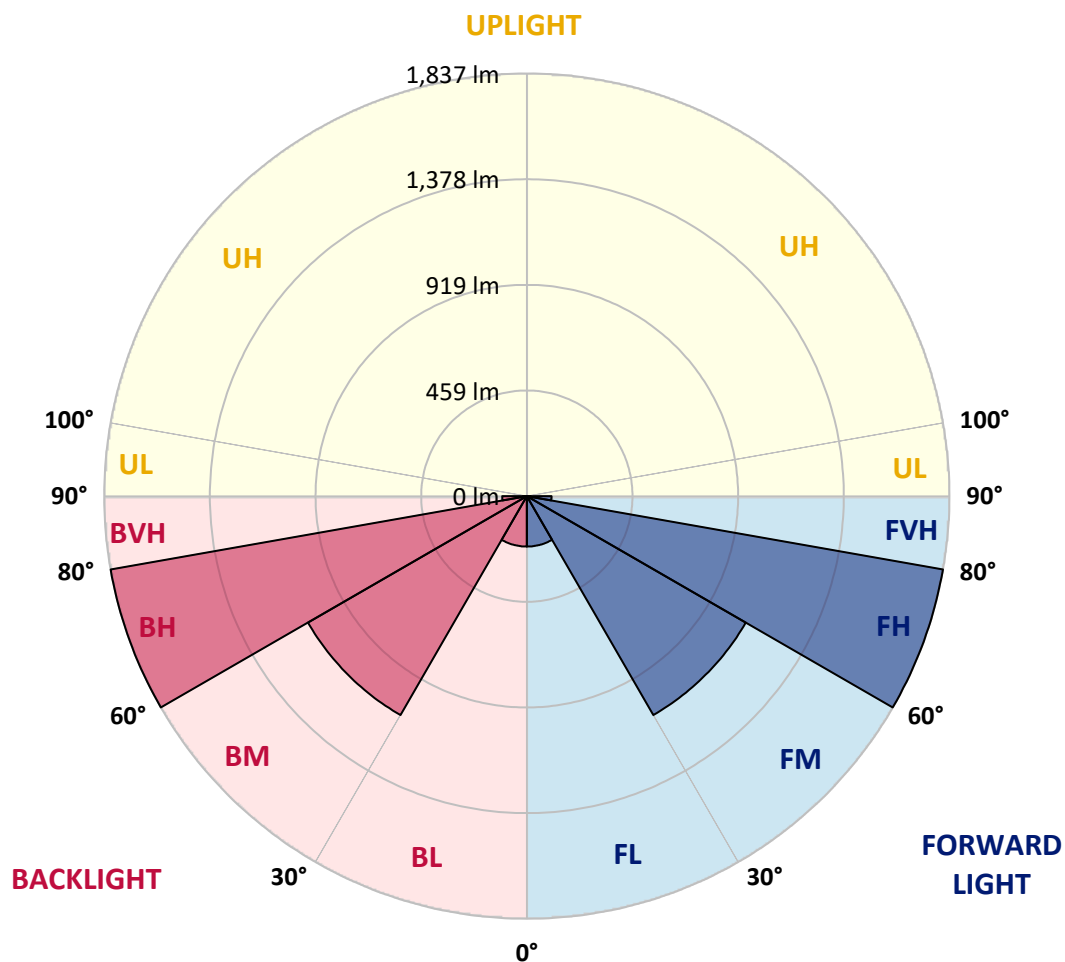
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	219.2	3.4			
FM	(30°-60°)	1098.9	16.8			
FH	(60°-80°)	1837.3	28.2			G2/5000
FVH	(80°-90°)	107.2	1.6			G2/225
BL	(0°-30°)	219.2	3.4	B1/500		
BM	(30°-60°)	1098.9	16.8	B2/2500		
BH	(60°-80°)	1837.3	28.2	B3/2500		G2/5000
BVH	(80°-90°)	107.2	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°	508.1	508.1	508.1	508.1	508.1	508.1	508.1	508.1	508.1	508.1	508.1
2.5°	504.9	504.9	506.3	506.8	506.3	505.9	505.4	504.9	506.3	505.9	506.3
5°	503.6	503.6	504.0	504.5	503.6	503.1	502.2	501.8	502.7	502.7	503.6
7.5°	499.9	499.5	499.9	500.4	499.0	498.6	497.2	497.2	497.2	496.8	497.7
10°	496.8	495.8	495.8	494.9	492.7	493.1	491.3	492.7	494.9	495.4	495.8
12.5°	498.1	497.2	496.3	494.0	490.8	491.3	490.8	492.2	495.4	497.2	498.6
15°	504.5	503.6	501.3	497.2	495.4	495.4	494.5	494.9	499.5	502.2	503.6
17.5°	511.3	509.5	505.4	502.7	500.8	502.2	499.0	498.6	502.2	506.3	507.7
20°	516.8	515.4	510.4	507.2	507.2	508.6	505.4	503.6	507.7	512.7	514.1
22.5°	526.3	525.4	520.4	517.2	517.2	517.7	515.9	514.5	519.1	524.1	525.4
25°	540.0	540.0	535.0	533.6	533.2	534.1	531.8	530.4	534.5	538.2	539.6
27.5°	555.9	554.6	550.5	549.6	551.4	554.6	550.5	546.8	550.0	553.2	553.7
30°	572.8	572.8	569.1	569.1	570.5	571.9	568.2	564.6	567.8	571.4	571.9
32.5°	596.5	595.1	593.7	594.2	593.7	591.9	590.1	589.6	592.4	594.6	595.6
35°	625.6	625.2	623.3	624.2	624.2	624.2	618.8	617.0	621.5	623.3	622.4
37.5°	670.7	670.2	665.7	662.9	659.8	658.4	651.6	651.1	662.0	667.5	666.6
40°	725.8	724.0	719.9	715.3	711.2	708.5	701.6	706.7	718.0	722.1	722.1
42.5°	785.9	783.6	779.0	776.8	774.0	771.3	762.2	764.5	778.1	782.2	777.7
45°	859.6	856.5	851.4	846.4	842.3	836.9	832.3	834.6	849.2	854.2	850.5
47.5°	938.0	937.0	932.9	928.8	925.2	921.6	915.6	919.7	932.5	931.6	924.3
50°	1020.8	1022.6	1023.1	1027.2	1024.5	1024.9	1014.0	1011.7	1021.7	1015.8	1006.7
52.5°	1110.1	1112.8	1122.4	1130.6	1145.6	1147.4	1133.7	1119.2	1117.3	1101.9	1092.3
55°	1213.4	1213.0	1233.9	1256.7	1289.9	1300.4	1269.9	1242.6	1227.5	1197.5	1187.5
57.5°	1330.4	1329.1	1360.9	1401.0	1461.1	1487.1	1431.1	1379.2	1342.7	1306.8	1296.3
60°	1457.5	1460.7	1499.4	1564.5	1668.3	1704.3	1619.6	1533.5	1478.0	1431.1	1427.0
62.5°	1605.9	1606.4	1651.9	1740.2	1875.0	1932.8	1816.3	1699.7	1629.1	1577.7	1566.7
65°	1781.2	1784.4	1833.1	1922.4	2077.2	2148.6	2014.3	1872.3	1788.9	1719.3	1717.9
67.5°	1961.1	1959.2	2003.9	2098.6	2247.9	2313.9	2173.2	2014.8	1906.4	1819.4	1808.1
70°	2076.2	2086.3	2134.5	2225.1	2368.1	2432.3	2261.1	2069.9	1956.5	1876.8	1871.4
72.5°	1979.3	1997.9	2060.3	2210.6	2413.2	2489.2	2240.2	2013.0	1870.0	1789.9	1789.9
75°	1606.8	1637.8	1724.7	1956.0	2257.5	2389.1	2074.0	1761.6	1553.5	1467.9	1467.9
77.5°	978.9	1008.5	1126.0	1408.3	1823.1	1991.6	1690.6	1326.8	1085.9	981.2	967.5
80°	325.6	344.7	459.9	715.8	1119.2	1325.4	1132.8	753.6	486.3	370.6	368.8
82.5°	86.5	94.3	131.1	207.6	485.8	718.0	518.2	248.6	142.5	110.6	102.0
85°	30.1	32.3	55.5	69.2	123.4	237.7	144.3	90.2	69.2	41.9	39.2
87.5°	8.7	9.6	22.3	24.1	35.5	27.8	39.2	36.0	32.8	13.7	12.3
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)