

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: P553766

Luminaire Tested: **LXS-VA3-730-U-SYM-S**

Issue Date: 7/13/2021

Test Information

Test Method: LM-79-08
Report Number: P553766
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-1803-687-18a - Copy)
Test Lab: INNOVATION CENTER
Issue Date: 7/13/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: LXS-VA3-730-U-SYM-S
Description: LUXESCAPE OUTDOOR ARCHITECTURAL LUMINAIRE
70 CRI, 3000K LEDS AND TYPE V OPTIC, SPIDER MOUNT
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 8452 lumens
Efficiency: N/A
Efficacy: 98.3 lumens/watt
Luminous Opening: Circular (Dia: 1.62' x H: 0')
IES Classification: Type V - Short
BUG Rating: B3 - U0 - G2

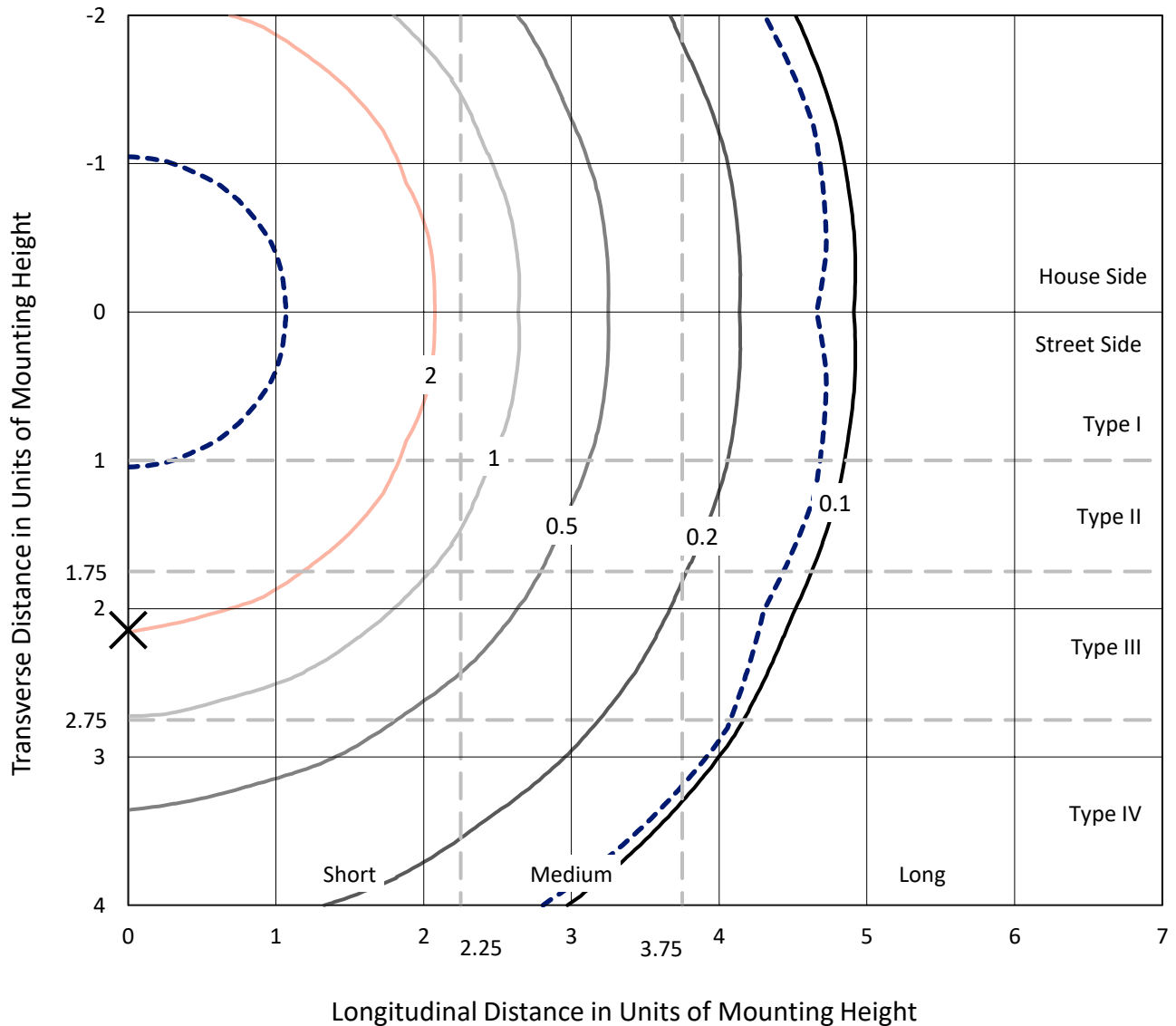
Input Watts (W): 86
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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Iso-Footcandle Lines of Horizontal Illumination

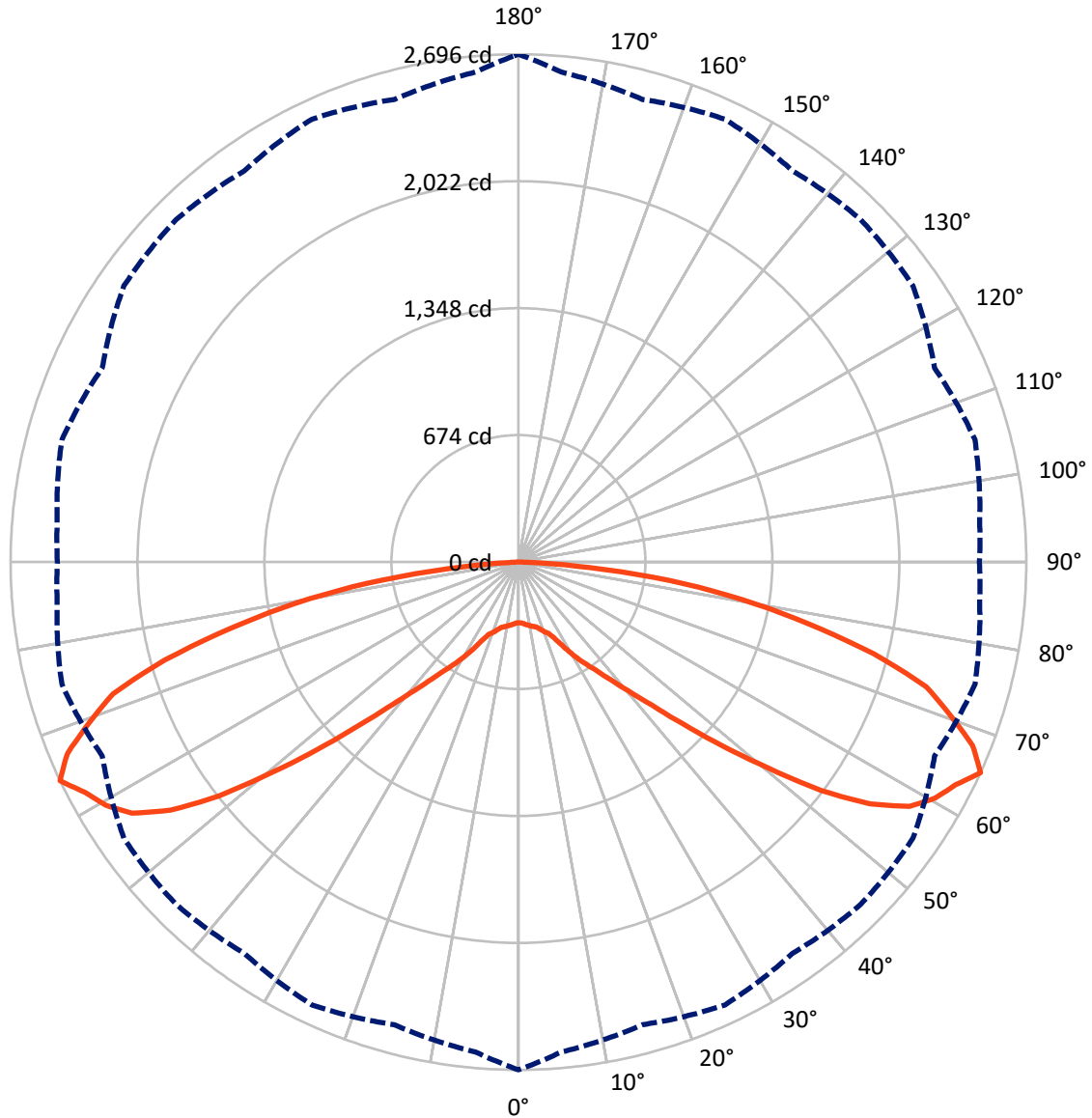
× Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 4.6 fc
 Type V - Short - N/A

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Luminous Intensity Polar Plot



— Vertical Plane Through 0-Deg Lateral - - - Horizontal Cone Through 65-Deg Vertical

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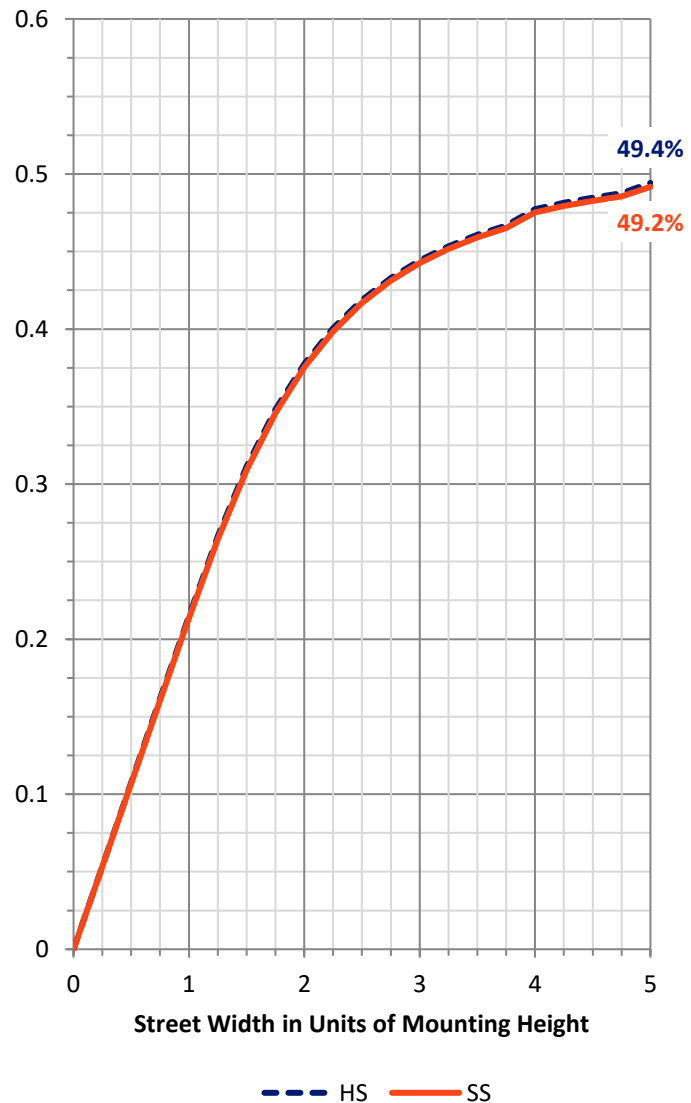
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	4226.0	0.0	4226.0
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	4226.0	0.0	4226.0
	% Fixture	50.0	0.0	50.0
Total	Lumens	8452.0	0.0	8452.0
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	31.7	0.4
10°-20°	101.6	1.2
20°-30°	214.4	2.5
30°-40°	439.1	5.2
40°-50°	959.4	11.4
50°-60°	1916.8	22.7
60°-70°	2456.6	29.1
70°-80°	1884.8	22.3
80°-90°	447.6	5.3
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°	8452.0	100.0
0°-180°	8452.0	100.0



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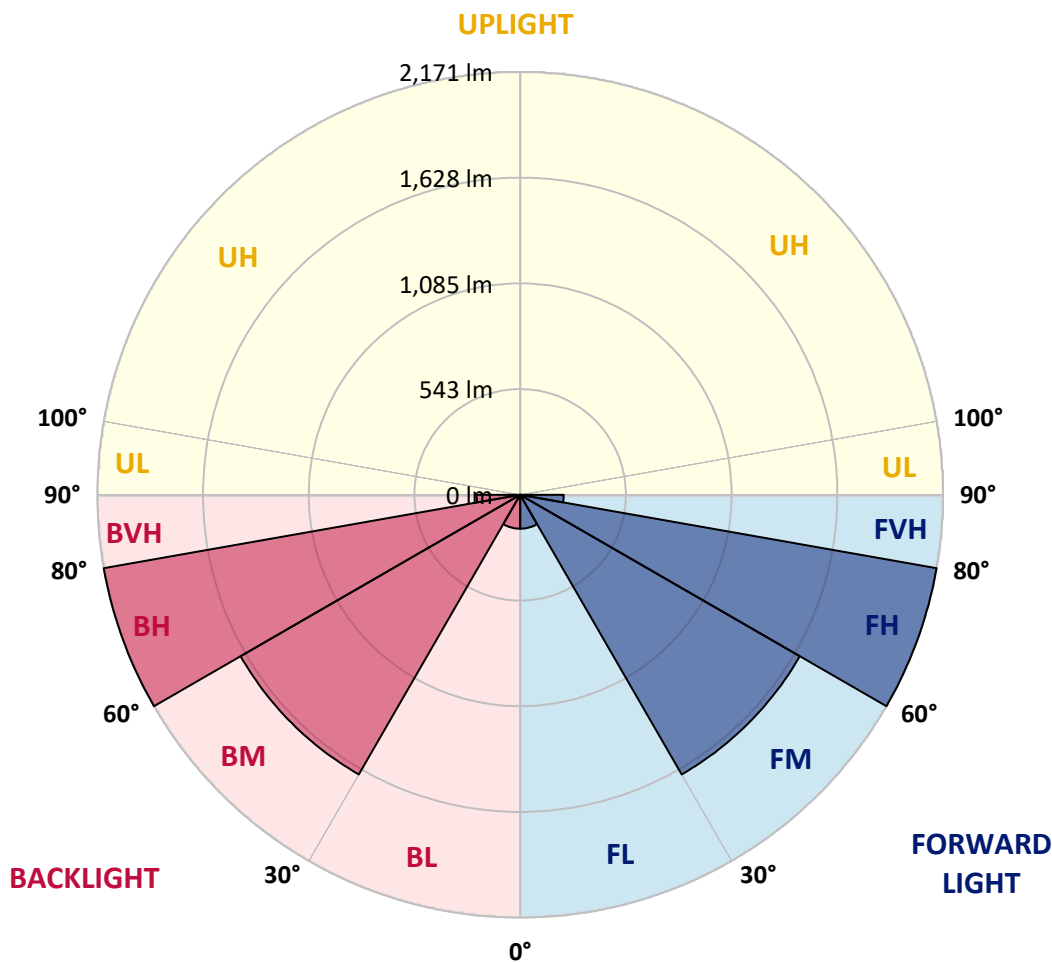
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	173.9	2.1			
FM (30°-60°)	1657.6	19.6			
FH (60°-80°)	2170.7	25.7			G2/5000
FVH (80°-90°)	223.8	2.6			G2/225
BL (0°-30°)	173.9	2.1	B1/500		
BM (30°-60°)	1657.6	19.6	B2/2500		
BH (60°-80°)	2170.7	25.7	B3/2500		G2/5000
BVH (80°-90°)	223.8	2.6			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°	323.4	323.4	323.4	323.4	323.4	323.4	323.4	323.4	323.4	323.4	323.4
2.5°	323.4	323.4	323.4	323.4	323.4	323.4	323.4	323.4	323.4	323.4	323.4
5°	330.2	330.2	330.2	330.2	326.8	326.8	326.8	326.8	326.8	326.8	326.8
7.5°	337.0	337.0	337.0	337.0	333.6	333.6	333.6	333.6	333.6	333.6	333.6
10°	343.8	343.8	343.8	340.4	340.4	340.4	337.0	337.0	337.0	337.0	337.0
12.5°	350.6	350.6	347.2	343.8	343.8	343.8	340.4	340.4	340.4	343.8	343.8
15°	357.5	357.5	354.0	350.6	350.6	350.6	347.2	347.2	347.2	350.6	350.6
17.5°	374.5	374.5	371.1	367.7	367.7	367.7	364.3	360.9	364.3	367.7	367.7
20°	394.9	391.5	388.1	388.1	388.1	384.7	381.3	381.3	384.7	388.1	388.1
22.5°	411.9	415.3	415.3	418.7	418.7	411.9	408.5	401.7	411.9	415.3	418.7
25°	449.4	449.4	456.2	459.6	456.2	452.8	449.4	446.0	449.4	456.2	456.2
27.5°	507.2	507.2	500.4	503.8	500.4	493.6	500.4	497.0	493.6	493.6	493.6
30°	571.9	565.1	554.9	551.5	551.5	544.7	551.5	551.5	541.3	541.3	541.3
32.5°	636.6	629.8	619.6	609.4	612.8	606.0	609.4	612.8	595.8	599.2	595.8
35°	701.3	701.3	697.9	684.3	684.3	677.5	677.5	680.9	663.8	670.6	663.8
37.5°	789.8	789.8	786.4	772.8	766.0	766.0	759.2	759.2	745.5	752.4	752.4
40°	898.7	898.7	898.7	891.9	878.3	868.1	868.1	857.9	847.7	857.9	861.3
42.5°	1038.3	1045.1	1041.7	1041.7	1028.1	1017.9	1007.7	994.1	990.7	1007.7	1011.1
45°	1225.5	1235.8	1229.0	1242.6	1215.3	1201.7	1194.9	1174.5	1171.1	1188.1	1188.1
47.5°	1457.0	1457.0	1443.4	1463.8	1426.4	1412.8	1406.0	1371.9	1385.6	1395.8	1385.6
50°	1715.8	1709.0	1688.5	1722.6	1678.3	1661.3	1651.1	1600.0	1630.7	1634.1	1634.1
52.5°	2015.3	2001.7	1977.9	2018.7	1954.1	1954.1	1930.2	1882.6	1930.2	1906.4	1906.4
55°	2267.3	2240.0	2209.4	2263.9	2199.2	2175.3	2185.6	2103.9	2158.3	2127.7	2131.1
57.5°	2447.7	2396.6	2366.0	2406.8	2345.6	2345.6	2325.1	2240.0	2311.5	2260.5	2263.9
60°	2543.0	2498.8	2451.1	2509.0	2423.9	2430.7	2410.2	2345.6	2403.4	2355.8	2352.4
62.5°	2604.3	2587.3	2536.2	2587.3	2543.0	2495.4	2543.0	2440.9	2498.8	2430.7	2413.6
65°	2696.2	2611.1	2543.0	2594.1	2536.2	2570.2	2556.6	2437.5	2509.0	2457.9	2447.7
67.5°	2600.9	2553.2	2498.8	2556.6	2464.7	2485.1	2471.5	2386.4	2434.1	2389.8	2355.8
70°	2430.7	2430.7	2325.1	2376.2	2345.6	2325.1	2352.4	2243.4	2277.5	2253.6	2202.6
72.5°	2263.9	2185.6	2103.9	2148.1	2107.3	2165.1	2141.3	2042.6	2069.8	2035.8	2008.5
75°	1947.3	1903.0	1848.5	1872.4	1804.3	1869.0	1821.3	1770.2	1804.3	1749.8	1729.4
77.5°	1569.4	1576.2	1501.3	1518.3	1480.9	1494.5	1494.5	1433.2	1457.0	1429.8	1399.2
80°	1205.1	1177.9	1099.6	1140.4	1113.2	1120.0	1137.0	1065.5	1079.2	1072.4	1045.1
82.5°	810.2	789.8	745.5	762.6	731.9	742.1	745.5	697.9	701.3	701.3	670.6
85°	377.9	388.1	350.6	343.8	330.2	323.4	326.8	292.8	303.0	306.4	272.3
87.5°	47.7	47.7	40.9	37.4	30.6	27.2	20.4	17.0	17.0	13.6	10.2
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)