

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: P553765

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

Issue Date: 7/13/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P553765  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-1803-687-11-R2)  
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-C  
Description: LUXESCAPE OUTDOOR ARCHITECTURAL LUMINAIRE  
70 CRI, 3000K LEDS AND TYPE V OPTIC, CANTILEVER MOUNT  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 8588 lumens  
Efficiency: N/A  
Efficacy: 99.9 lumens/watt  
Luminous Opening: Circular (Dia: 1.62' x H: 0')  
IES Classification: Type V - Short  
BUG Rating: B3 - U0 - G2

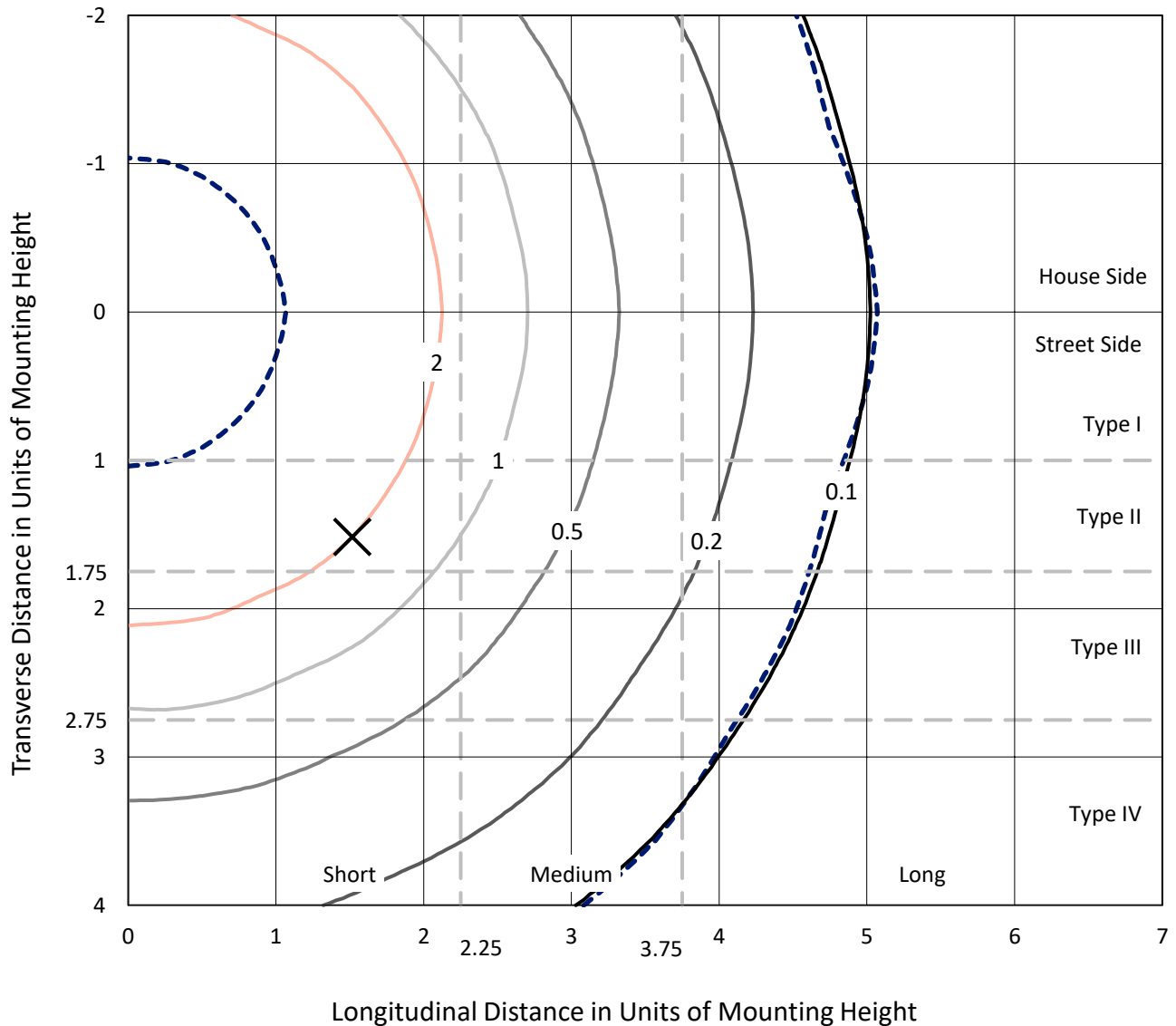
Input Watts (W): 86  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 28.75 FT



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### Iso-Footcandle Lines of Horizontal Illumination

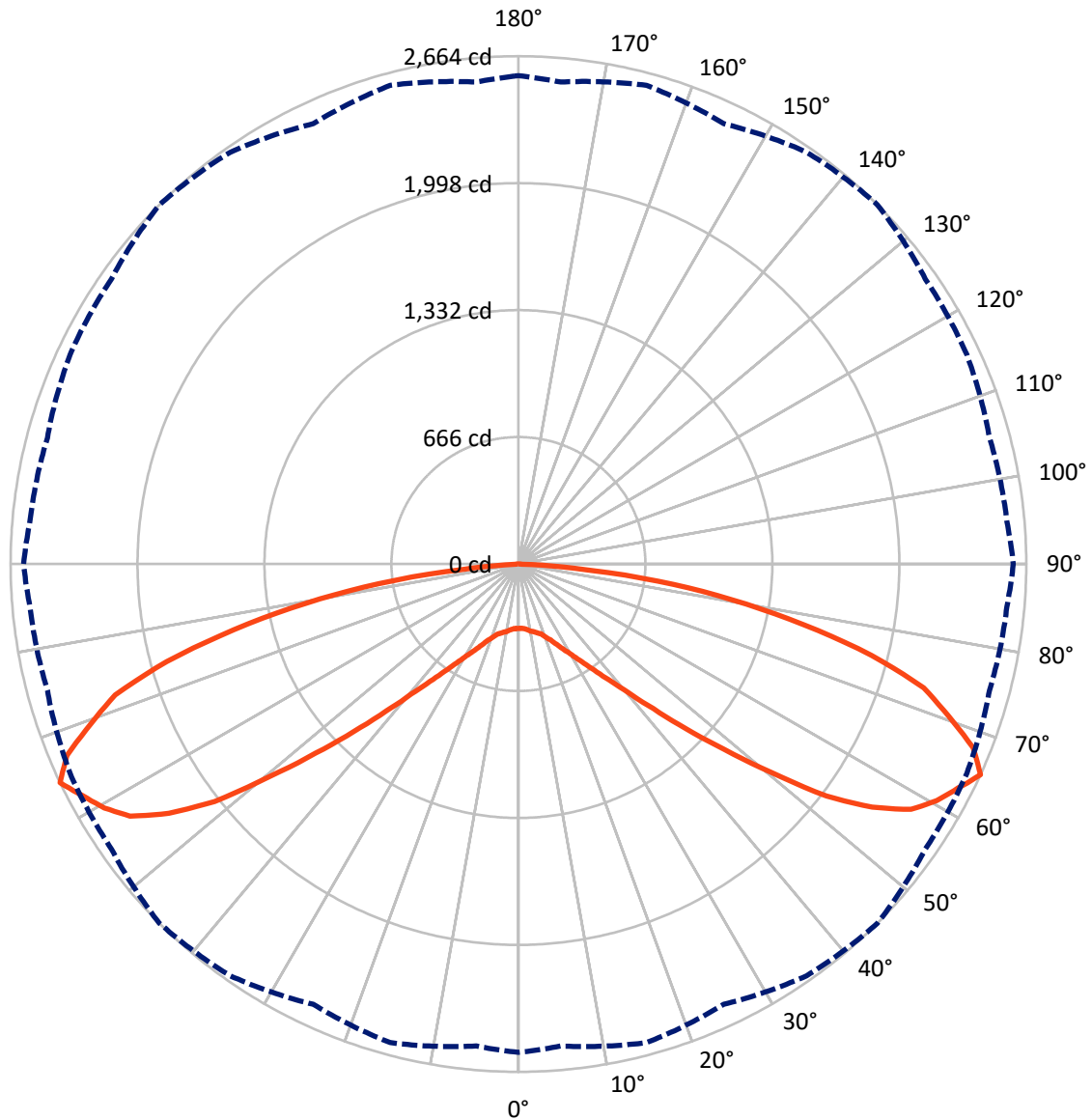
× Max cd  
 - - - 1/2 Max cd



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 45-Deg Lateral    - - - Horizontal Cone Through 65-Deg Vertical

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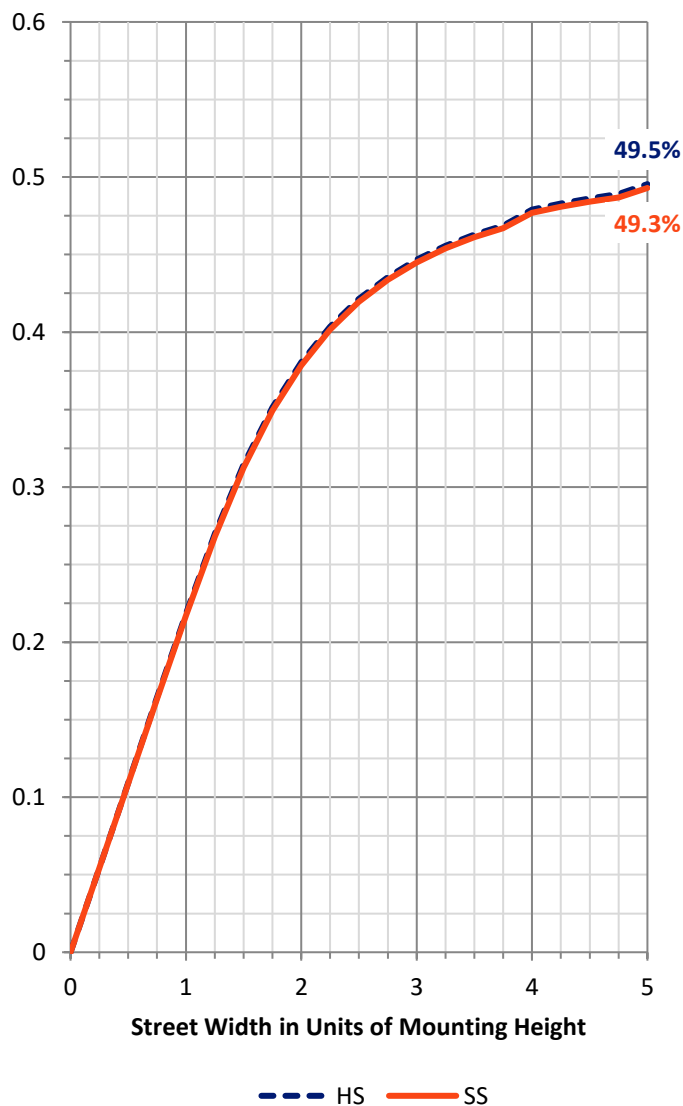
**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	4294.0	0.0	4294.0
	% Fixture	50.0	0.0	50.0
<b>Street Side</b>	Lumens	4294.0	0.0	4294.0
	% Fixture	50.0	0.0	50.0
<b>Total</b>	Lumens	8588.0	0.0	8588.0
	% Fixture	100.0	0.0	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	33.1	0.4
10°-20°	107.4	1.3
20°-30°	220.5	2.6
30°-40°	444.1	5.2
40°-50°	973.9	11.3
50°-60°	1953.0	22.7
60°-70°	2509.3	29.2
70°-80°	1913.9	22.3
80°-90°	432.8	5.0
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°	8588.0	100.0
0°-180°	8588.0	100.0

**Coefficient of Utilization**



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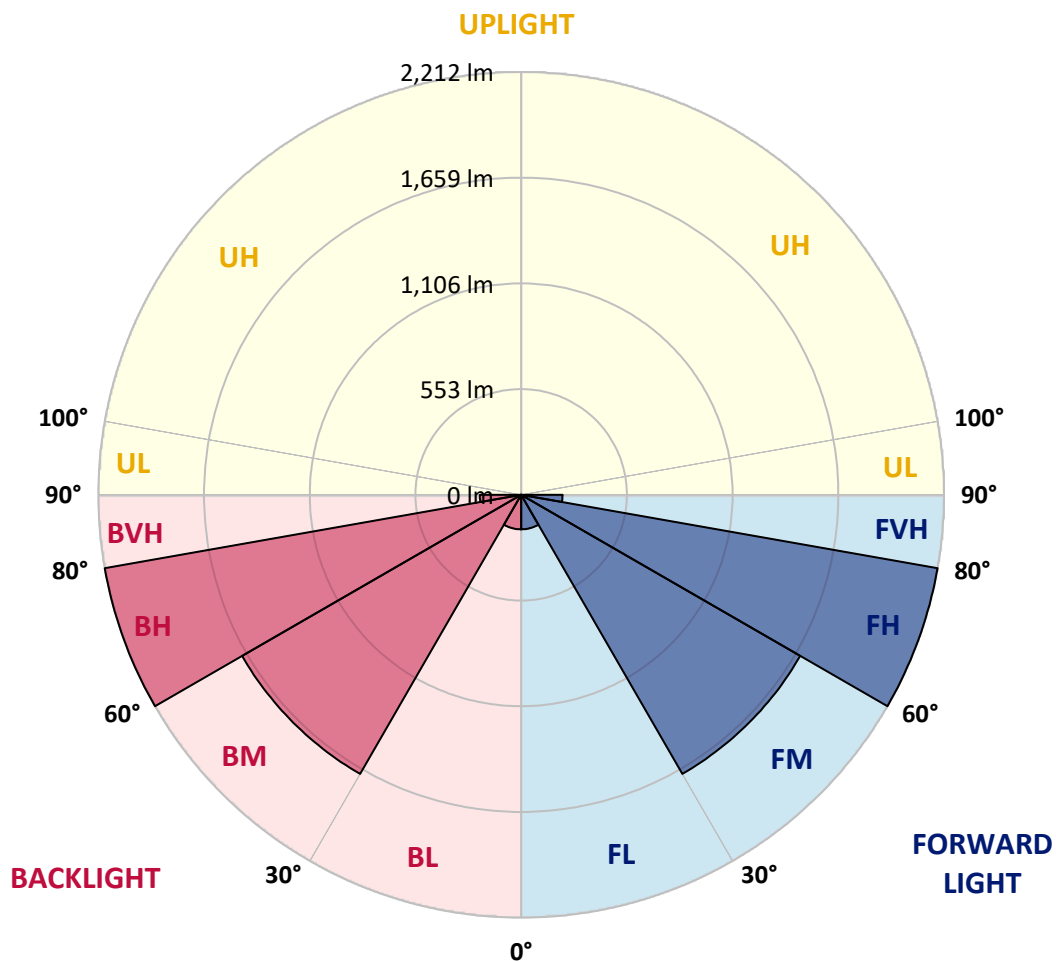
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	180.5	2.1			
FM (30°-60°)	1685.5	19.6			
FH (60°-80°)	2211.6	25.8			G2/5000
FVH (80°-90°)	216.4	2.5			G2/225
BL (0°-30°)	180.5	2.1	B1/500		
BM (30°-60°)	1685.5	19.6	B2/2500		
BH (60°-80°)	2211.6	25.8	B3/2500		G2/5000
BVH (80°-90°)	216.4	2.5			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°	337.7	337.7	337.7	337.7	337.7	337.7	337.7	337.7	337.7	337.7	337.7
2.5°	337.7	337.7	337.7	337.7	337.7	337.7	337.7	337.7	337.7	337.7	337.7
5°	344.5	344.5	341.1	341.1	341.1	341.1	341.1	341.1	341.1	341.1	341.1
7.5°	351.4	351.4	351.4	351.4	347.9	347.9	347.9	347.9	347.9	347.9	347.9
10°	361.6	361.6	358.2	358.2	358.2	358.2	354.8	354.8	354.8	354.8	354.8
12.5°	371.8	368.4	368.4	368.4	368.4	365.0	365.0	365.0	365.0	365.0	365.0
15°	382.1	378.6	378.6	375.2	375.2	375.2	368.4	368.4	371.8	375.2	375.2
17.5°	392.3	392.3	388.9	385.5	385.5	385.5	382.1	375.2	378.6	385.5	385.5
20°	416.2	416.2	412.8	405.9	409.3	409.3	402.5	399.1	402.5	405.9	405.9
22.5°	446.9	446.9	440.0	433.2	436.6	433.2	429.8	423.0	423.0	429.8	429.8
25°	484.4	484.4	474.2	467.3	467.3	467.3	460.5	457.1	453.7	457.1	457.1
27.5°	528.7	528.7	518.5	511.7	508.3	508.3	501.4	498.0	494.6	491.2	487.8
30°	590.1	590.1	573.1	566.3	562.9	552.6	549.2	549.2	545.8	539.0	539.0
32.5°	651.5	651.5	637.9	624.3	624.3	610.6	607.2	610.6	603.8	600.4	597.0
35°	719.8	719.8	702.7	699.3	699.3	682.2	672.0	675.4	675.4	672.0	668.6
37.5°	805.0	805.0	781.2	781.2	784.6	770.9	757.3	760.7	767.5	760.7	753.9
40°	910.8	914.2	886.9	893.7	897.2	883.5	869.9	866.4	880.1	866.4	852.8
42.5°	1057.5	1060.9	1033.6	1037.0	1043.8	1037.0	1026.8	1020.0	1037.0	1009.7	996.1
45°	1234.9	1245.1	1224.6	1224.6	1231.4	1231.4	1224.6	1221.2	1224.6	1187.1	1173.5
47.5°	1453.2	1463.4	1436.1	1439.5	1456.6	1453.2	1453.2	1449.8	1436.1	1402.0	1374.7
50°	1692.0	1702.2	1681.7	1685.1	1709.0	1715.8	1705.6	1695.4	1681.7	1647.6	1627.2
52.5°	1981.9	1985.3	1988.7	1971.7	1999.0	2022.9	1995.6	1999.0	1978.5	1941.0	1913.7
55°	2207.1	2213.9	2227.5	2207.1	2254.8	2251.4	2254.8	2241.2	2203.6	2176.4	2162.7
57.5°	2360.6	2353.7	2398.1	2357.2	2415.1	2428.8	2394.7	2391.3	2360.6	2333.3	2329.9
60°	2442.4	2449.3	2497.0	2456.1	2500.4	2520.9	2483.4	2500.4	2452.7	2442.4	2449.3
62.5°	2486.8	2524.3	2589.1	2537.9	2636.9	2589.1	2609.6	2599.3	2551.6	2534.5	2537.9
65°	2561.8	2537.9	2599.3	2548.2	2636.9	2664.2	2606.2	2595.9	2558.4	2572.1	2595.9
67.5°	2456.1	2473.1	2551.6	2514.1	2565.2	2572.1	2517.5	2534.5	2483.4	2510.7	2517.5
70°	2278.7	2346.9	2367.4	2333.3	2439.0	2394.7	2387.9	2377.6	2323.0	2374.2	2370.8
72.5°	2111.5	2108.1	2135.4	2108.1	2190.0	2224.1	2166.1	2159.3	2111.5	2149.1	2172.9
75°	1804.5	1831.8	1876.2	1842.1	1869.3	1913.7	1838.6	1865.9	1838.6	1859.1	1886.4
77.5°	1439.5	1494.1	1507.8	1477.1	1531.6	1531.6	1490.7	1494.1	1480.5	1524.8	1524.8
80°	1095.0	1108.6	1101.8	1088.2	1142.8	1135.9	1118.9	1112.1	1088.2	1139.3	1159.8
82.5°	716.4	716.4	716.4	699.3	733.4	740.2	726.6	726.6	702.7	743.6	760.7
85°	307.0	310.4	303.6	259.3	300.2	293.4	303.6	293.4	293.4	327.5	317.2
87.5°	17.1	17.1	17.1	13.6	13.6	13.6	13.6	13.6	13.6	10.2	6.8
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)