

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: P553792

Luminaire Tested: **LXS-VA4-730-U-SYM-C**

Issue Date: 7/13/2021

Test Information

Test Method: LM-79-08
Report Number: P553792
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-VA4-730-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: 9965 lumens
Efficiency: N/A
Efficacy: 103.8 lumens/watt
Luminous Opening: Circular (Dia: 1.62' x H: 0')
IES Classification: Type V - Short
BUG Rating: B4 - U0 - G3

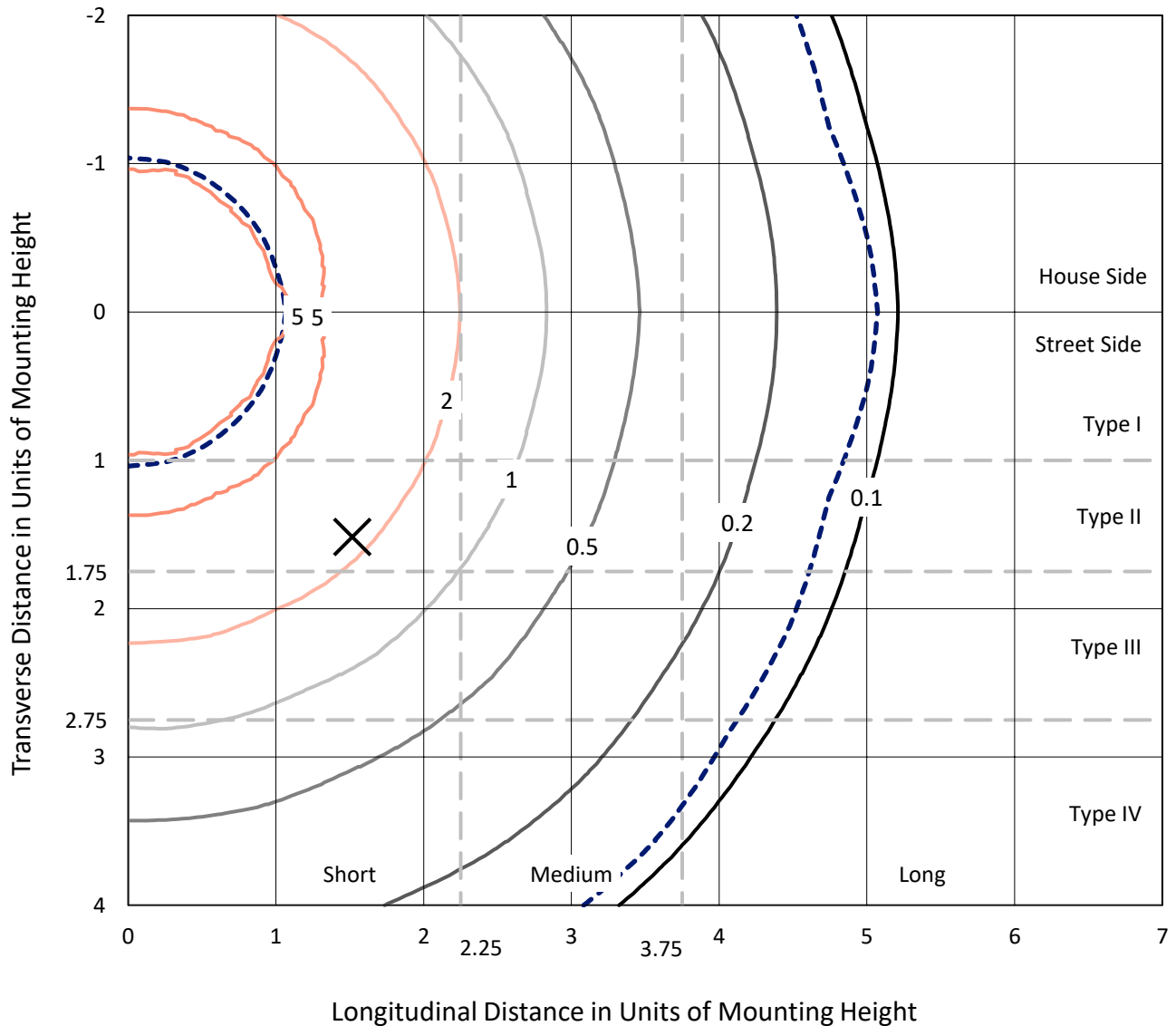
Input Watts (W): 96
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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Iso-Footcandle Lines of Horizontal Illumination

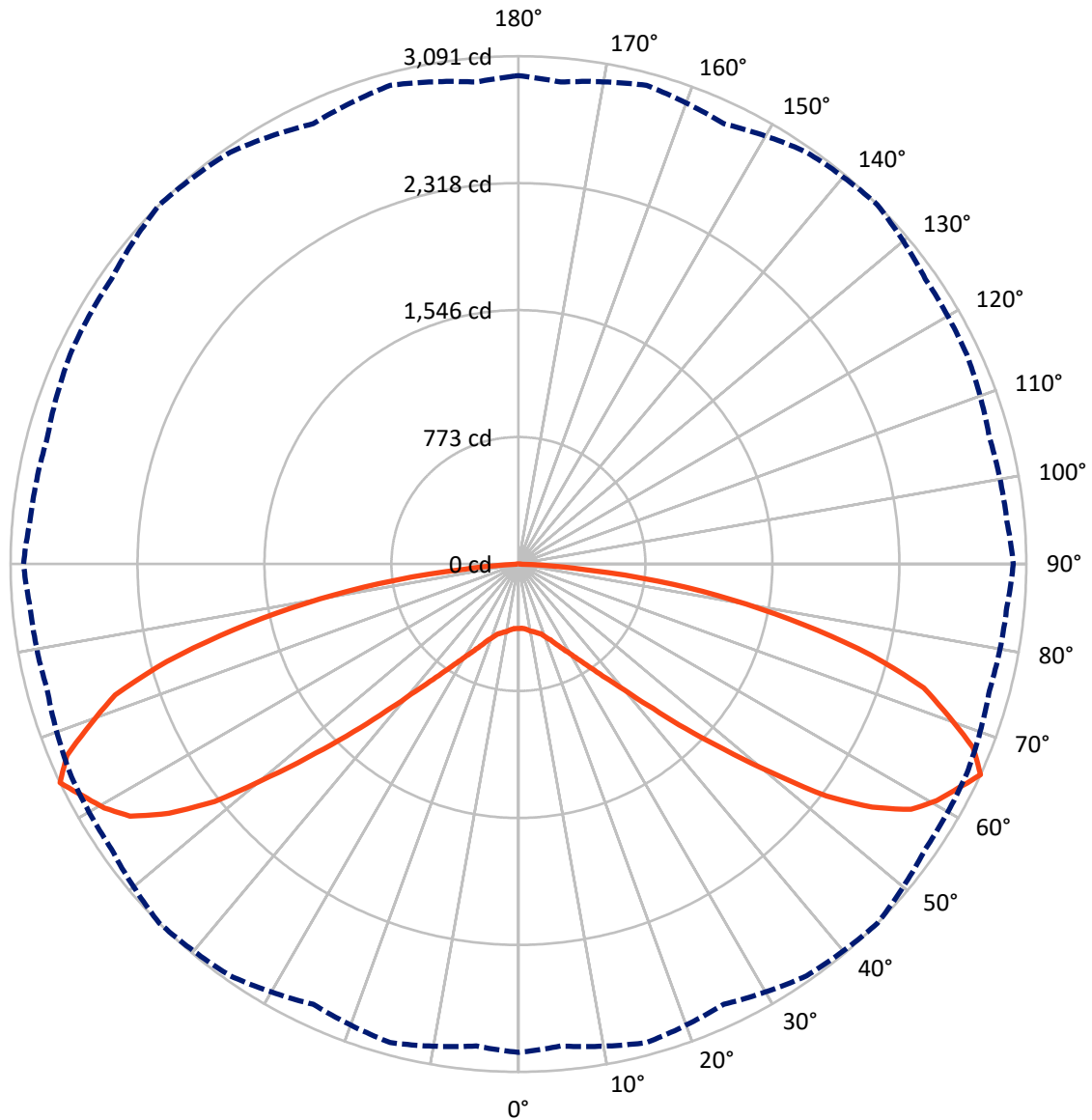
✕ Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 5.3 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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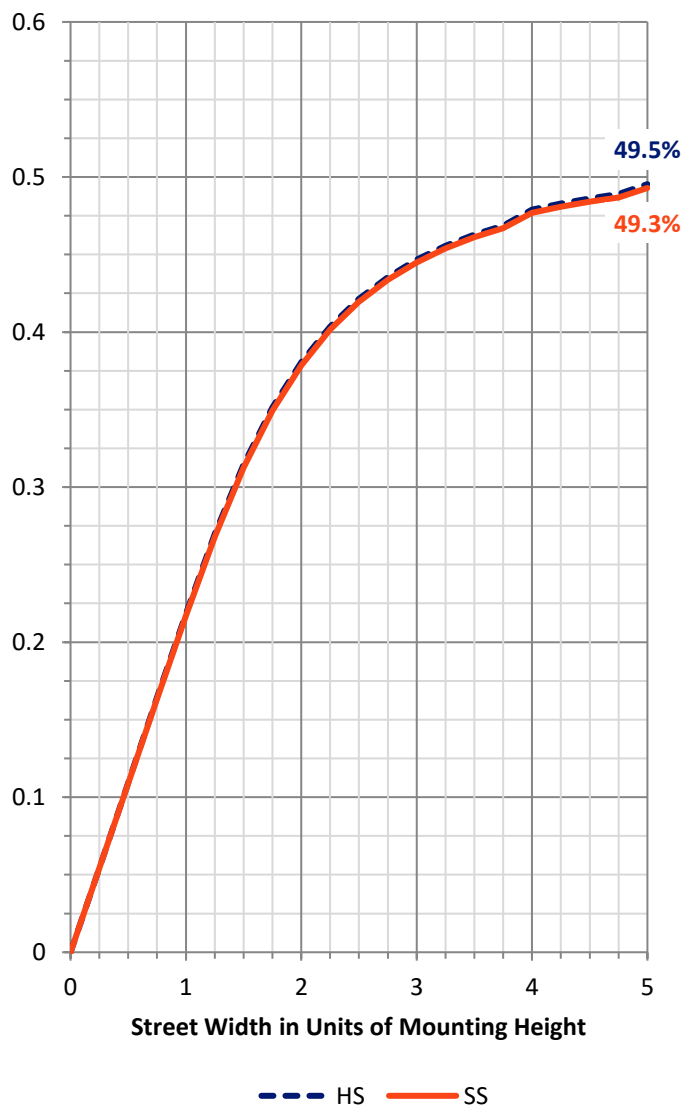
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	4982.5	0.0	4982.5
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	4982.5	0.0	4982.5
	% Fixture	50.0	0.0	50.0
Total	Lumens	9965.0	0.0	9965.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	38.4	0.4
10°-20°	124.7	1.3
20°-30°	255.8	2.6
30°-40°	515.3	5.2
40°-50°	1130.1	11.3
50°-60°	2266.1	22.7
60°-70°	2911.6	29.2
70°-80°	2220.8	22.3
80°-90°	502.2	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°	9965.0	100.0
0°-180°	9965.0	100.0

Coefficient of Utilization



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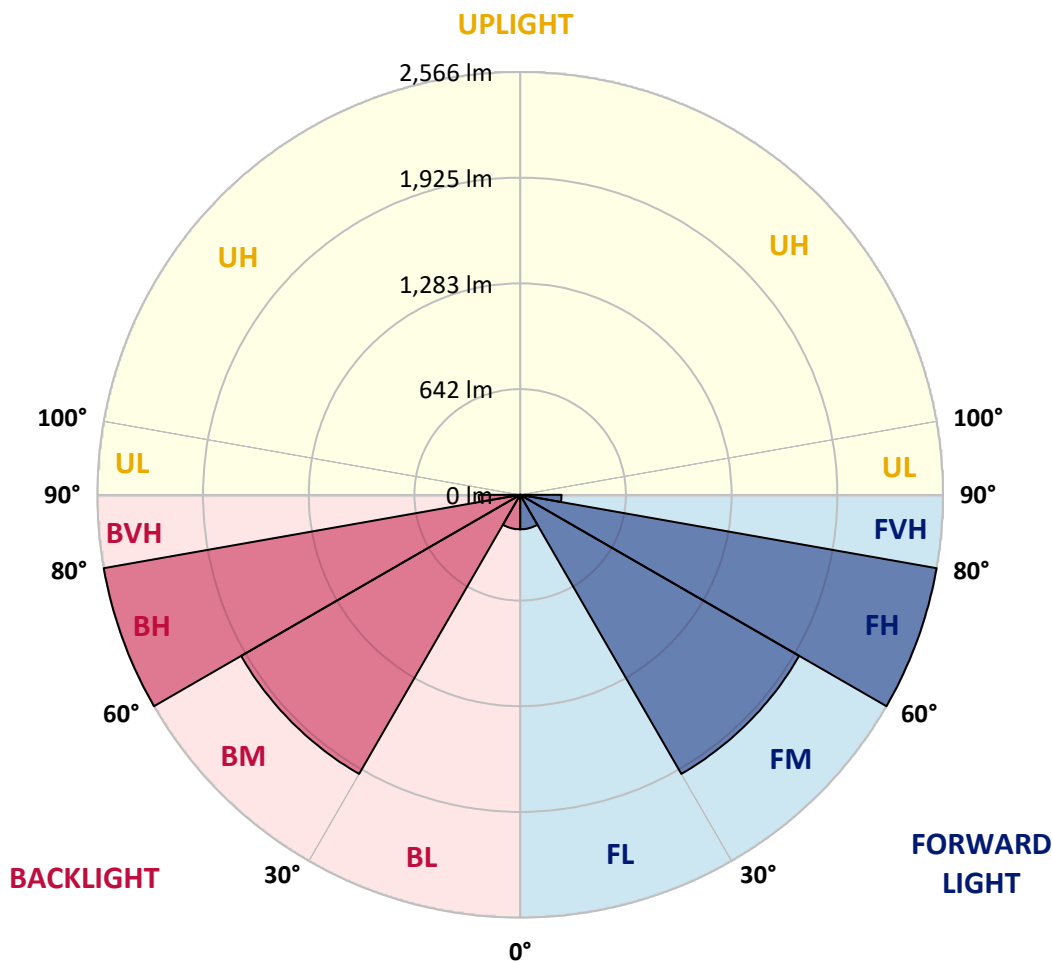
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	209.5	2.1			
FM	(30°-60°)	1955.7	19.6			
FH	(60°-80°)	2566.2	25.8			G2/5000
FVH	(80°-90°)	251.1	2.5			G3/500
BL	(0°-30°)	209.5	2.1	B1/500		
BM	(30°-60°)	1955.7	19.6	B2/2500		
BH	(60°-80°)	2566.2	25.8	B4/5000		G2/5000
BVH	(80°-90°)	251.1	2.5			G3/500
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B4-U0-G3

Type V Short





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	391.9	391.9	391.9	391.9	391.9	391.9	391.9	391.9	391.9	391.9	391.9
2.5°	391.9	391.9	391.9	391.9	391.9	391.9	391.9	391.9	391.9	391.9	391.9
5°	399.8	399.8	395.8	395.8	395.8	395.8	395.8	395.8	395.8	395.8	395.8
7.5°	407.7	407.7	407.7	407.7	403.7	403.7	403.7	403.7	403.7	403.7	403.7
10°	419.6	419.6	415.6	415.6	415.6	415.6	411.6	411.6	411.6	411.6	411.6
12.5°	431.4	427.5	427.5	427.5	427.5	423.5	423.5	423.5	423.5	423.5	423.5
15°	443.3	439.4	439.4	435.4	435.4	435.4	427.5	427.5	431.4	435.4	435.4
17.5°	455.2	455.2	451.2	447.3	447.3	447.3	443.3	435.4	439.4	447.3	447.3
20°	482.9	482.9	478.9	471.0	475.0	475.0	467.1	463.1	467.1	471.0	471.0
22.5°	518.5	518.5	510.6	502.7	506.6	502.7	498.7	490.8	490.8	498.7	498.7
25°	562.1	562.1	550.2	542.3	542.3	542.3	534.4	530.4	526.4	530.4	530.4
27.5°	613.5	613.5	601.6	593.7	589.8	589.8	581.9	577.9	573.9	570.0	566.0
30°	684.8	684.8	665.0	657.1	653.1	641.2	637.3	637.3	633.3	625.4	625.4
32.5°	756.0	756.0	740.2	724.3	724.3	708.5	704.6	708.5	700.6	696.6	692.7
35°	835.2	835.2	815.4	811.4	811.4	791.6	779.8	783.7	783.7	779.8	775.8
37.5°	934.1	934.1	906.4	906.4	910.4	894.5	878.7	882.7	890.6	882.7	874.8
40°	1056.8	1060.8	1029.1	1037.0	1041.0	1025.2	1009.3	1005.4	1021.2	1005.4	989.5
42.5°	1227.0	1231.0	1199.3	1203.3	1211.2	1203.3	1191.4	1183.5	1203.3	1171.6	1155.8
45°	1432.9	1444.7	1421.0	1421.0	1428.9	1428.9	1421.0	1417.0	1421.0	1377.4	1361.6
47.5°	1686.2	1698.1	1666.4	1670.3	1690.1	1686.2	1686.2	1682.2	1666.4	1626.8	1595.1
50°	1963.3	1975.1	1951.4	1955.3	1983.0	1991.0	1979.1	1967.2	1951.4	1911.8	1888.0
52.5°	2299.7	2303.7	2307.6	2287.8	2319.5	2347.2	2315.5	2319.5	2295.7	2252.2	2220.5
55°	2560.9	2568.9	2584.7	2560.9	2616.4	2612.4	2616.4	2600.5	2557.0	2525.3	2509.5
57.5°	2739.1	2731.1	2782.6	2735.1	2802.4	2818.2	2778.6	2774.7	2739.1	2707.4	2703.4
60°	2834.1	2842.0	2897.4	2849.9	2901.3	2925.1	2881.5	2901.3	2845.9	2834.1	2842.0
62.5°	2885.5	2929.0	3004.3	2944.9	3059.7	3004.3	3028.0	3016.1	2960.7	2940.9	2944.9
65°	2972.6	2944.9	3016.1	2956.8	3059.7	3091.3	3024.0	3012.2	2968.6	2984.5	3012.2
67.5°	2849.9	2869.7	2960.7	2917.2	2976.5	2984.5	2921.1	2940.9	2881.5	2913.2	2921.1
70°	2644.1	2723.2	2747.0	2707.4	2830.1	2778.6	2770.7	2758.8	2695.5	2754.9	2750.9
72.5°	2450.1	2446.2	2477.8	2446.2	2541.1	2580.7	2513.4	2505.5	2450.1	2493.6	2521.4
75°	2093.9	2125.5	2177.0	2137.4	2169.1	2220.5	2133.5	2165.1	2133.5	2157.2	2188.9
77.5°	1670.3	1733.7	1749.5	1713.9	1777.2	1777.2	1729.7	1733.7	1717.8	1769.3	1769.3
80°	1270.6	1286.4	1278.5	1262.7	1326.0	1318.1	1298.3	1290.4	1262.7	1322.0	1345.8
82.5°	831.2	831.2	831.2	811.4	851.0	858.9	843.1	843.1	815.4	862.9	882.7
85°	356.2	360.2	352.3	300.8	348.3	340.4	352.3	340.4	340.4	380.0	368.1
87.5°	19.8	19.8	19.8	15.8	15.8	15.8	15.8	15.8	15.8	11.9	7.9
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)