

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: P553694

Luminaire Tested: **LXS-VA1-730-U-SYM-S**

Issue Date: 7/13/2021

Test Information

Test Method: LM-79-08
Report Number: P553694
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-VA1-730-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: 2305 lumens
Efficiency: N/A
Efficacy: 109.8 lumens/watt
Luminous Opening: Circular (Dia: 1.62' x H: 0')
IES Classification: Type V - Short
BUG Rating: B2 - U0 - G1

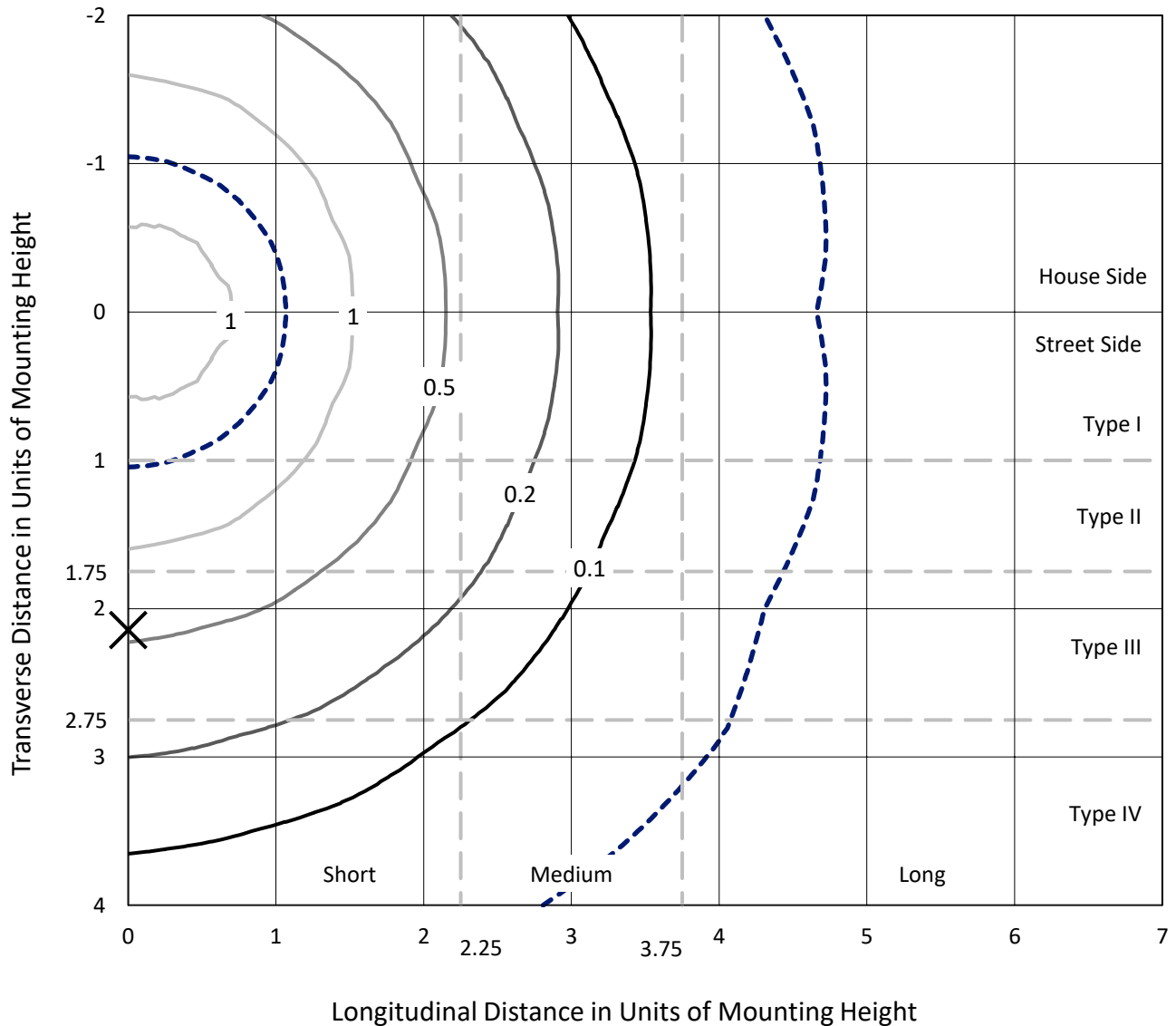
Input Watts (W): 21
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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Iso-Footcandle Lines of Horizontal Illumination

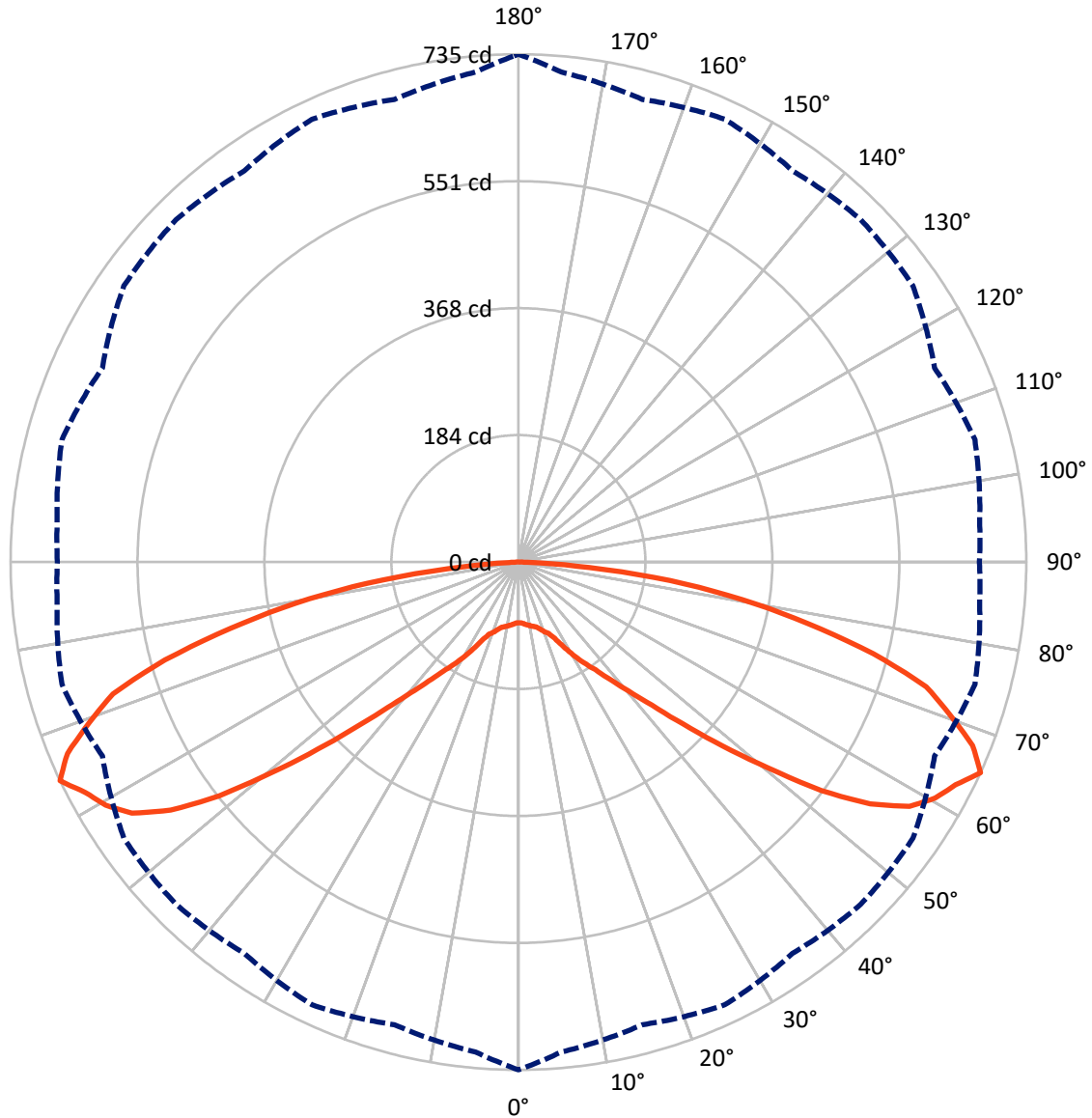
× Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 1.2 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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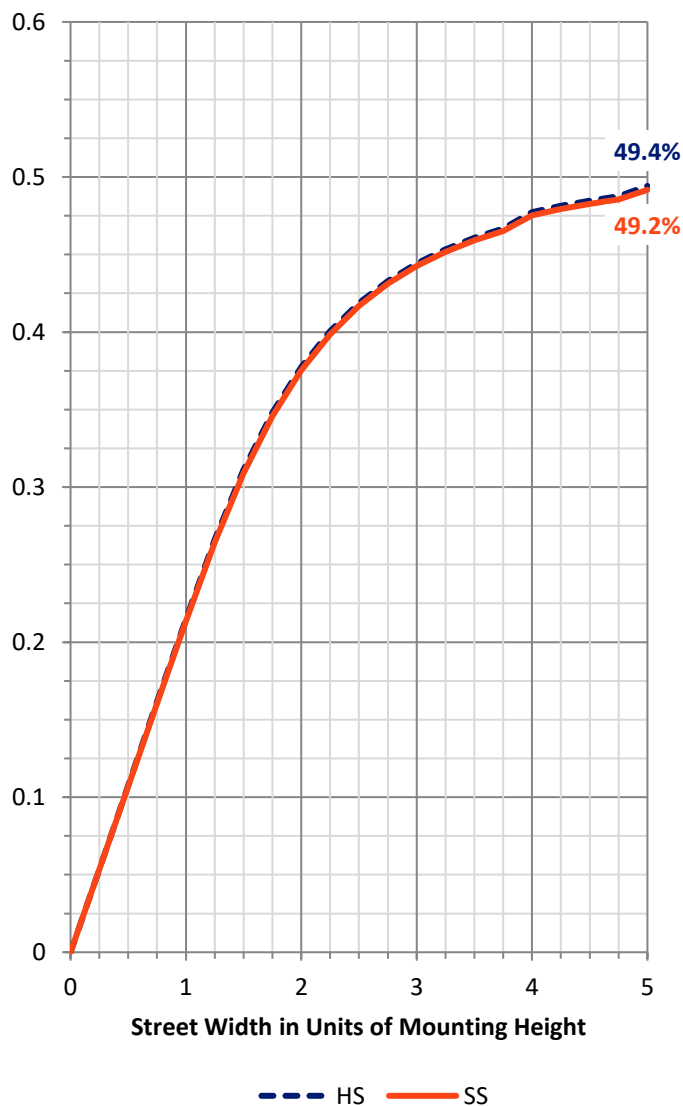
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1152.5	0.0	1152.5
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	1152.5	0.0	1152.5
	% Fixture	50.0	0.0	50.0
Total	Lumens	2305.0	0.0	2305.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	8.7	0.4
10°-20°	27.7	1.2
20°-30°	58.5	2.5
30°-40°	119.8	5.2
40°-50°	261.6	11.4
50°-60°	522.7	22.7
60°-70°	670.0	29.1
70°-80°	514.0	22.3
80°-90°	122.1	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°	2305.0	100.0
0°-180°	2305.0	100.0

Coefficient of Utilization



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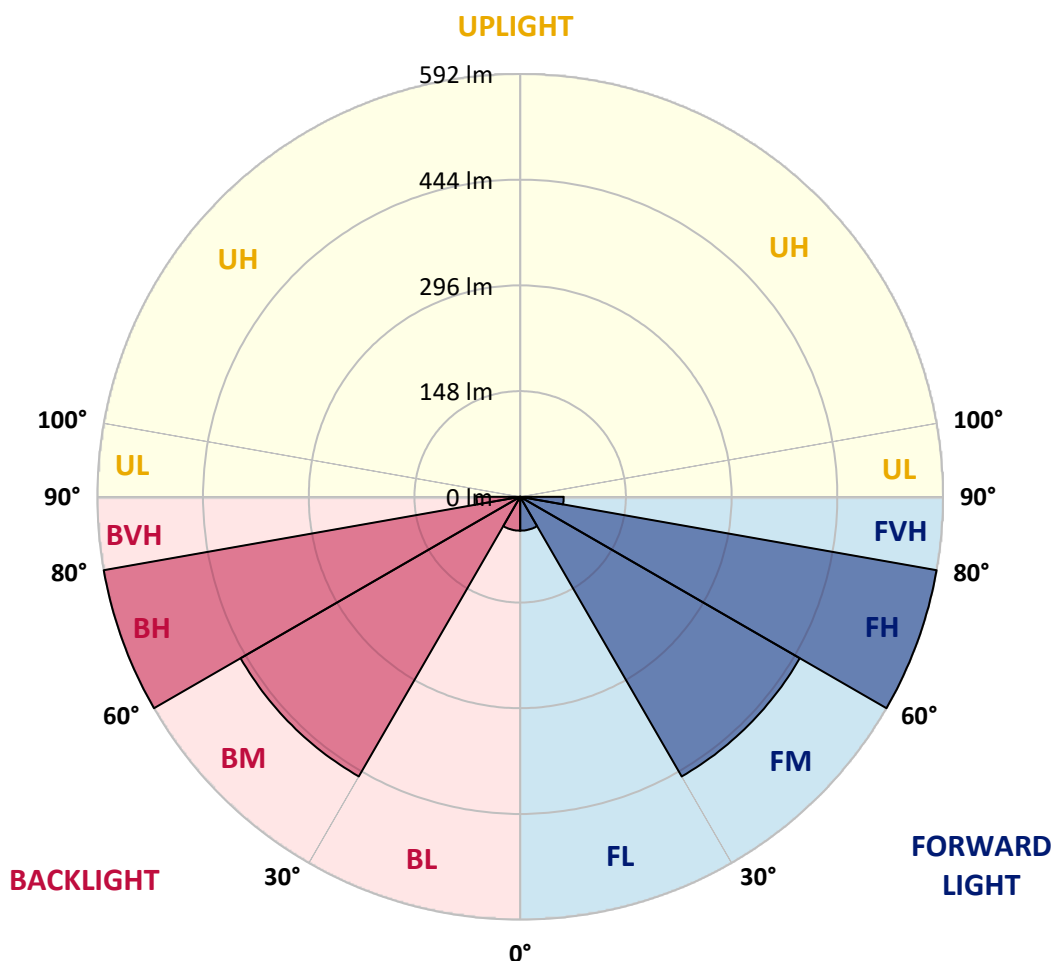
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	47.4	2.1			
FM (30°-60°)	452.1	19.6			
FH (60°-80°)	592.0	25.7			G0/660
FVH (80°-90°)	61.0	2.6			G1/100
BL (0°-30°)	47.4	2.1	B0/110		
BM (30°-60°)	452.1	19.6	B1/1000		
BH (60°-80°)	592.0	25.7	B2/1000		G0/660
BVH (80°-90°)	61.0	2.6			G1/100
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G1

Type V Short





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
2.5°	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
5°	90.1	90.1	90.1	90.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
7.5°	91.9	91.9	91.9	91.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0
10°	93.8	93.8	93.8	92.8	92.8	92.8	91.9	91.9	91.9	91.9	91.9
12.5°	95.6	95.6	94.7	93.8	93.8	93.8	92.8	92.8	92.8	93.8	93.8
15°	97.5	97.5	96.6	95.6	95.6	95.6	94.7	94.7	94.7	95.6	95.6
17.5°	102.1	102.1	101.2	100.3	100.3	100.3	99.3	98.4	99.3	100.3	100.3
20°	107.7	106.8	105.8	105.8	105.8	104.9	104.0	104.0	104.9	105.8	105.8
22.5°	112.3	113.3	113.3	114.2	114.2	112.3	111.4	109.6	112.3	113.3	114.2
25°	122.5	122.5	124.4	125.3	124.4	123.5	122.5	121.6	122.5	124.4	124.4
27.5°	138.3	138.3	136.5	137.4	136.5	134.6	136.5	135.5	134.6	134.6	134.6
30°	156.0	154.1	151.3	150.4	150.4	148.5	150.4	150.4	147.6	147.6	147.6
32.5°	173.6	171.8	169.0	166.2	167.1	165.3	166.2	167.1	162.5	163.4	162.5
35°	191.3	191.3	190.3	186.6	186.6	184.8	184.8	185.7	181.0	182.9	181.0
37.5°	215.4	215.4	214.5	210.7	208.9	208.9	207.0	207.0	203.3	205.2	205.2
40°	245.1	245.1	245.1	243.2	239.5	236.7	236.7	234.0	231.2	234.0	234.9
42.5°	283.2	285.0	284.1	284.1	280.4	277.6	274.8	271.1	270.2	274.8	275.7
45°	334.2	337.0	335.2	338.9	331.4	327.7	325.9	320.3	319.4	324.0	324.0
47.5°	397.4	397.4	393.6	399.2	389.0	385.3	383.4	374.1	377.9	380.6	377.9
50°	467.9	466.1	460.5	469.8	457.7	453.1	450.3	436.4	444.7	445.6	445.6
52.5°	549.6	545.9	539.4	550.5	532.9	532.9	526.4	513.4	526.4	519.9	519.9
55°	618.3	610.9	602.5	617.4	599.8	593.3	596.0	573.8	588.6	580.3	581.2
57.5°	667.5	653.6	645.2	656.4	639.7	639.7	634.1	610.9	630.4	616.5	617.4
60°	693.5	681.5	668.5	684.2	661.0	662.9	657.3	639.7	655.5	642.5	641.5
62.5°	710.2	705.6	691.7	705.6	693.5	680.5	693.5	665.7	681.5	662.9	658.2
65°	735.3	712.1	693.5	707.4	691.7	700.9	697.2	664.7	684.2	670.3	667.5
67.5°	709.3	696.3	681.5	697.2	672.2	677.7	674.0	650.8	663.8	651.7	642.5
70°	662.9	662.9	634.1	648.0	639.7	634.1	641.5	611.8	621.1	614.6	600.7
72.5°	617.4	596.0	573.8	585.8	574.7	590.5	584.0	557.0	564.5	555.2	547.8
75°	531.0	519.0	504.1	510.6	492.1	509.7	496.7	482.8	492.1	477.2	471.6
77.5°	428.0	429.9	409.4	414.1	403.9	407.6	407.6	390.9	397.4	389.9	381.6
80°	328.7	321.2	299.9	311.0	303.6	305.4	310.1	290.6	294.3	292.4	285.0
82.5°	221.0	215.4	203.3	208.0	199.6	202.4	203.3	190.3	191.3	191.3	182.9
85°	103.1	105.8	95.6	93.8	90.1	88.2	89.1	79.8	82.6	83.6	74.3
87.5°	13.0	13.0	11.1	10.2	8.4	7.4	5.6	4.6	4.6	3.7	2.8
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)