

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: P553693

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

Issue Date: 7/13/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P553693  
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-VA1-730-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: 2342 lumens  
Efficiency: N/A  
Efficacy: 111.5 lumens/watt  
Luminous Opening: Circular (Dia: 1.62' x H: 0')  
IES Classification: Type V - Short  
BUG Rating: B2 - U0 - G1

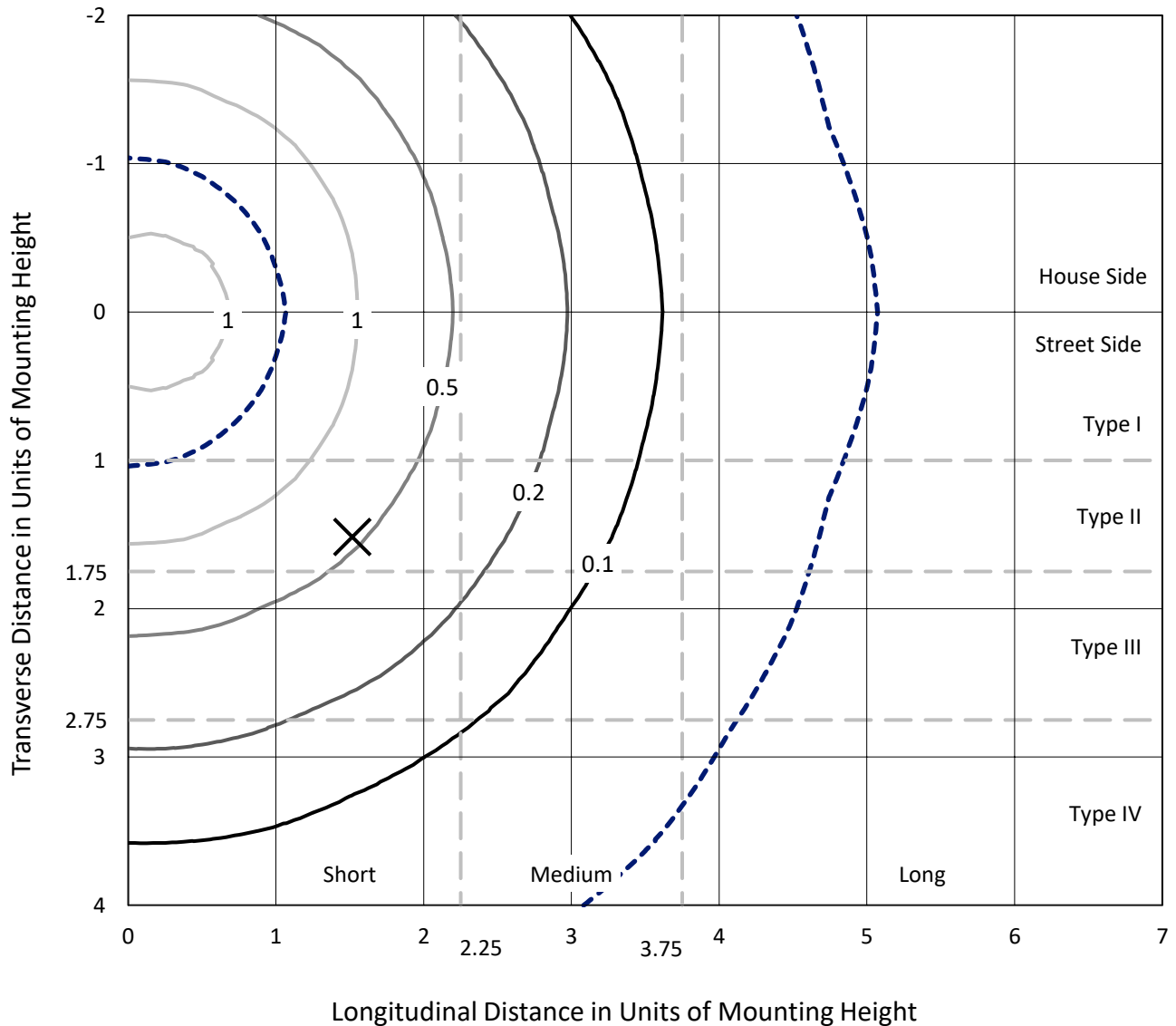
Input Watts (W): 21  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 28.75 FT



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### Iso-Footcandle Lines of Horizontal Illumination

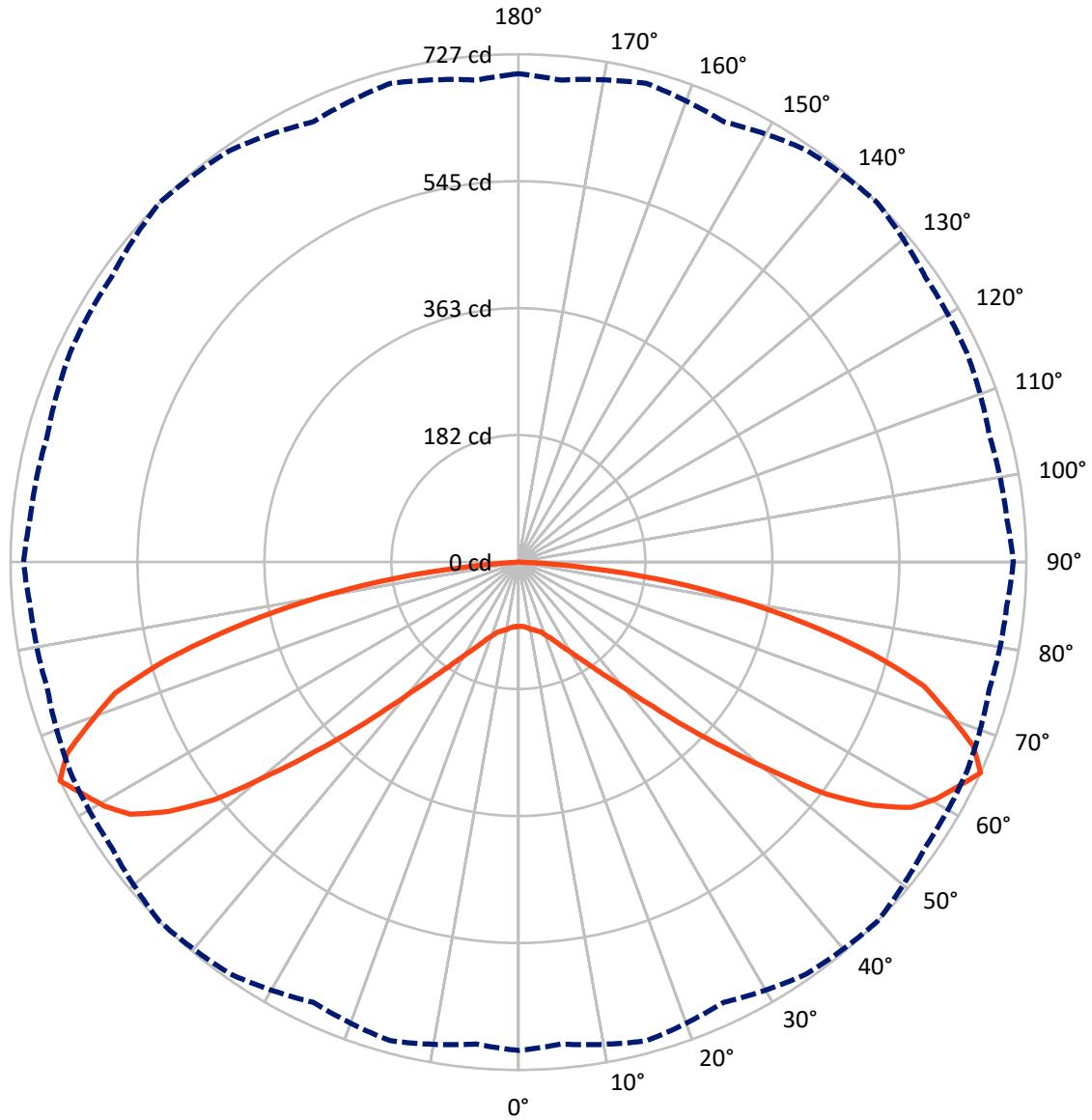
× Max cd  
 - - - 1/2 Max cd



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

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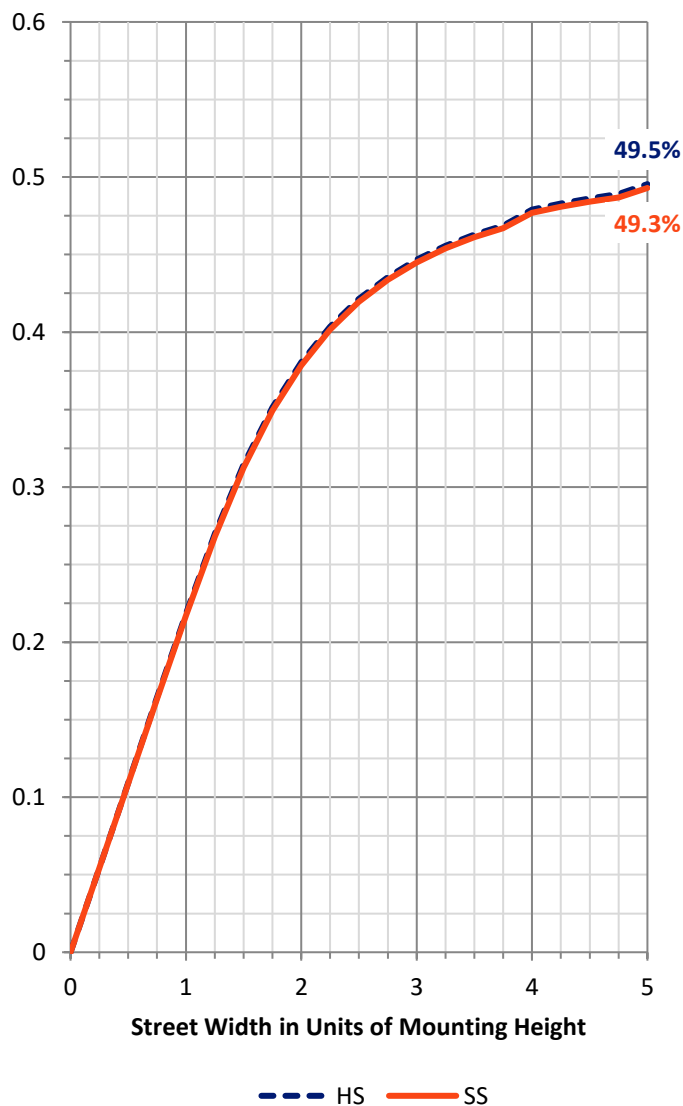
**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	1171.0	0.0	1171.0
	% Fixture	50.0	0.0	50.0
<b>Street Side</b>	Lumens	1171.0	0.0	1171.0
	% Fixture	50.0	0.0	50.0
<b>Total</b>	Lumens	2342.0	0.0	2342.0
	% Fixture	100.0	0.0	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	9.0	0.4
10°-20°	29.3	1.3
20°-30°	60.1	2.6
30°-40°	121.1	5.2
40°-50°	265.6	11.3
50°-60°	532.6	22.7
60°-70°	684.3	29.2
70°-80°	521.9	22.3
80°-90°	118.0	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°	2342.0	100.0
0°-180°	2342.0	100.0

**Coefficient of Utilization**



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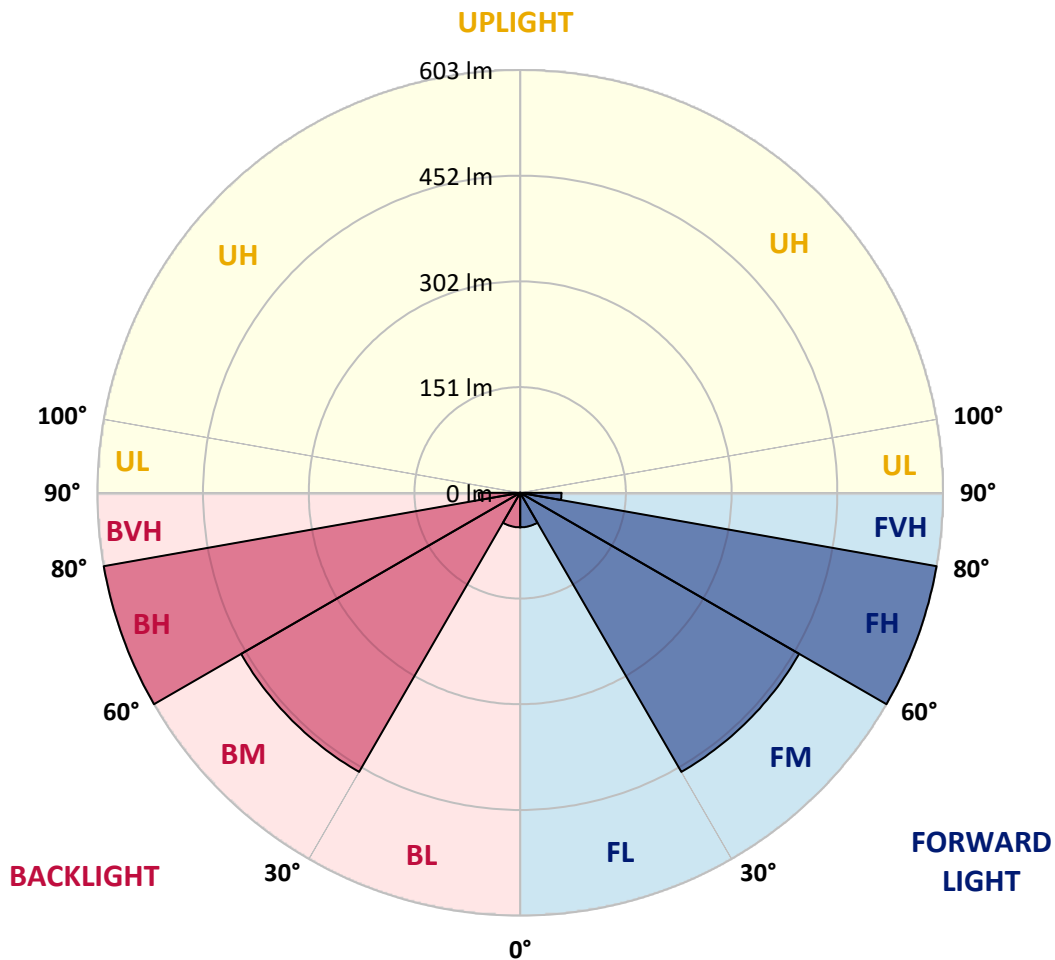
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	49.2	2.1			
FM	(30°-60°)	459.6	19.6			
FH	(60°-80°)	603.1	25.8			G0/660
FVH	(80°-90°)	59.0	2.5			G1/100
BL	(0°-30°)	49.2	2.1	B0/110		
BM	(30°-60°)	459.6	19.6	B1/1000		
BH	(60°-80°)	603.1	25.8	B2/1000		G0/660
BVH	(80°-90°)	59.0	2.5			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°	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
2.5°	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
5°	94.0	94.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
7.5°	95.8	95.8	95.8	95.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9
10°	98.6	98.6	97.7	97.7	97.7	97.7	96.7	96.7	96.7	96.7	96.7
12.5°	101.4	100.5	100.5	100.5	100.5	99.5	99.5	99.5	99.5	99.5	99.5
15°	104.2	103.3	103.3	102.3	102.3	102.3	100.5	100.5	101.4	102.3	102.3
17.5°	107.0	107.0	106.0	105.1	105.1	105.1	104.2	102.3	103.3	105.1	105.1
20°	113.5	113.5	112.6	110.7	111.6	111.6	109.8	108.8	109.8	110.7	110.7
22.5°	121.9	121.9	120.0	118.1	119.1	118.1	117.2	115.4	115.4	117.2	117.2
25°	132.1	132.1	129.3	127.4	127.4	127.4	125.6	124.7	123.7	124.7	124.7
27.5°	144.2	144.2	141.4	139.5	138.6	138.6	136.7	135.8	134.9	134.0	133.0
30°	160.9	160.9	156.3	154.4	153.5	150.7	149.8	149.8	148.8	147.0	147.0
32.5°	177.7	177.7	174.0	170.2	170.2	166.5	165.6	166.5	164.7	163.7	162.8
35°	196.3	196.3	191.6	190.7	190.7	186.1	183.3	184.2	184.2	183.3	182.3
37.5°	219.5	219.5	213.0	213.0	214.0	210.2	206.5	207.4	209.3	207.4	205.6
40°	248.4	249.3	241.9	243.7	244.7	240.9	237.2	236.3	240.0	236.3	232.6
42.5°	288.4	289.3	281.9	282.8	284.7	282.8	280.0	278.1	282.8	275.4	271.6
45°	336.8	339.5	334.0	334.0	335.8	335.8	334.0	333.0	334.0	323.7	320.0
47.5°	396.3	399.1	391.6	392.6	397.2	396.3	396.3	395.4	391.6	382.3	374.9
50°	461.4	464.2	458.6	459.5	466.1	467.9	465.1	462.3	458.6	449.3	443.7
52.5°	540.5	541.4	542.3	537.7	545.1	551.6	544.2	545.1	539.6	529.3	521.9
55°	601.9	603.7	607.5	601.9	614.9	614.0	614.9	611.2	600.9	593.5	589.8
57.5°	643.7	641.9	654.0	642.8	658.6	662.3	653.0	652.1	643.7	636.3	635.4
60°	666.1	667.9	681.0	669.8	681.9	687.5	677.2	681.9	668.9	666.1	667.9
62.5°	678.2	688.4	706.1	692.1	719.1	706.1	711.6	708.9	695.8	691.2	692.1
65°	698.6	692.1	708.9	694.9	719.1	726.5	710.7	707.9	697.7	701.4	707.9
67.5°	669.8	674.4	695.8	685.6	699.6	701.4	686.5	691.2	677.2	684.7	686.5
70°	621.4	640.0	645.6	636.3	665.1	653.0	651.2	648.4	633.5	647.5	646.5
72.5°	575.8	574.9	582.3	574.9	597.2	606.5	590.7	588.9	575.8	586.1	592.6
75°	492.1	499.5	511.6	502.3	509.8	521.9	501.4	508.9	501.4	507.0	514.4
77.5°	392.6	407.5	411.2	402.8	417.7	417.7	406.5	407.5	403.7	415.8	415.8
80°	298.6	302.3	300.5	296.8	311.6	309.8	305.1	303.3	296.8	310.7	316.3
82.5°	195.4	195.4	195.4	190.7	200.0	201.9	198.1	198.1	191.6	202.8	207.4
85°	83.7	84.7	82.8	70.7	81.9	80.0	82.8	80.0	80.0	89.3	86.5
87.5°	4.7	4.7	4.7	3.7	3.7	3.7	3.7	3.7	3.7	2.8	1.9
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)