

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: P553705

Luminaire Tested: **LXS-VA1-740-U-SYM-C**

Issue Date: 7/13/2021

Test Information

Test Method: LM-79-08
Report Number: P553705
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-VA1-740-U-SYM-C
Description: LUXESCAPE OUTDOOR ARCHITECTURAL LUMINAIRE
70 CRI, 4000K LEDS AND TYPE V OPTIC, CANTILEVER MOUNT
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 2530 lumens
Efficiency: N/A
Efficacy: 120.5 lumens/watt
Luminous Opening: Circular (Dia: 1.62' x H: 0')
IES Classification: Type V - Short
BUG Rating: B2 - U0 - G1

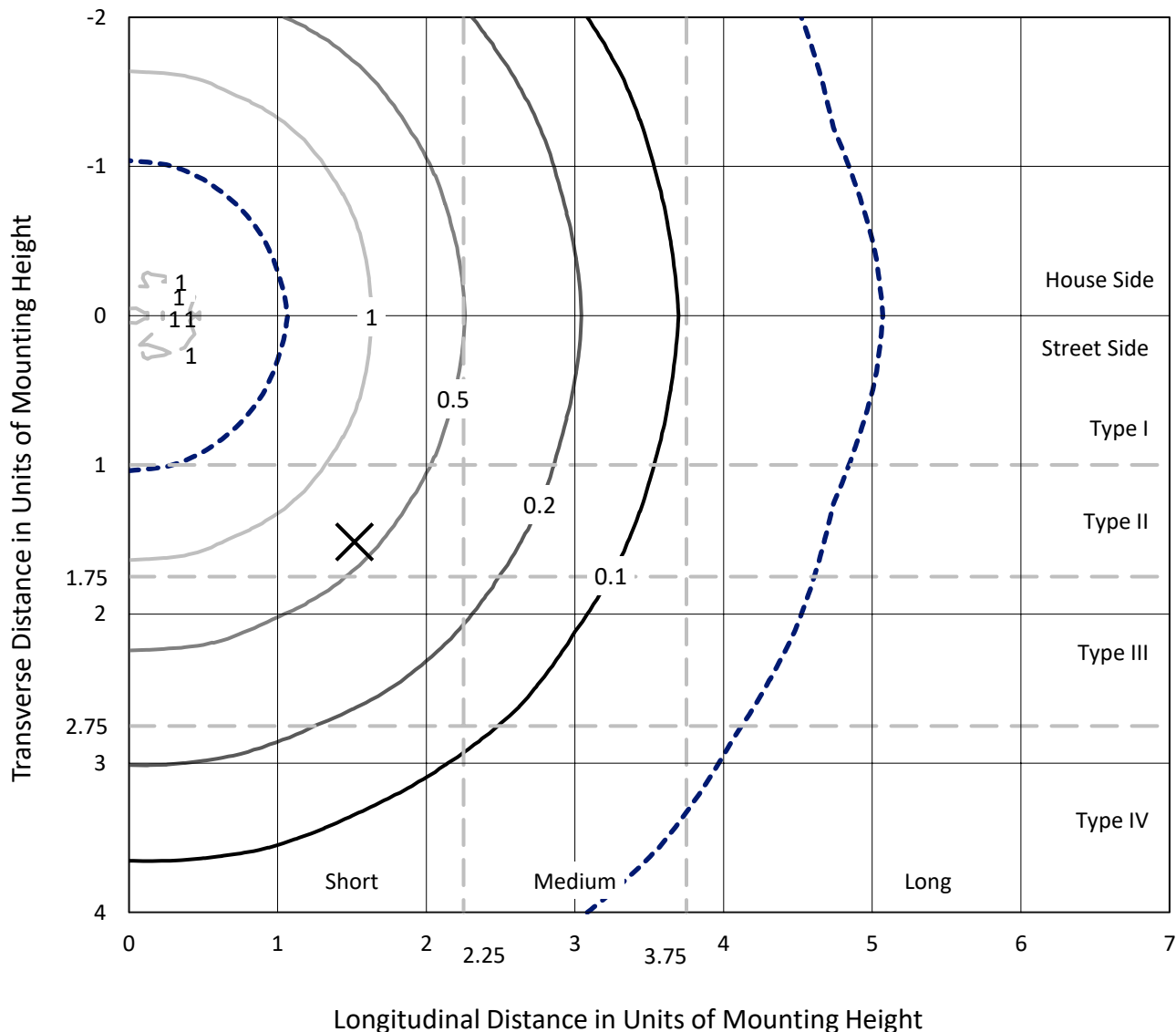
Input Watts (W): 21
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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Iso-Footcandle Lines of Horizontal Illumination

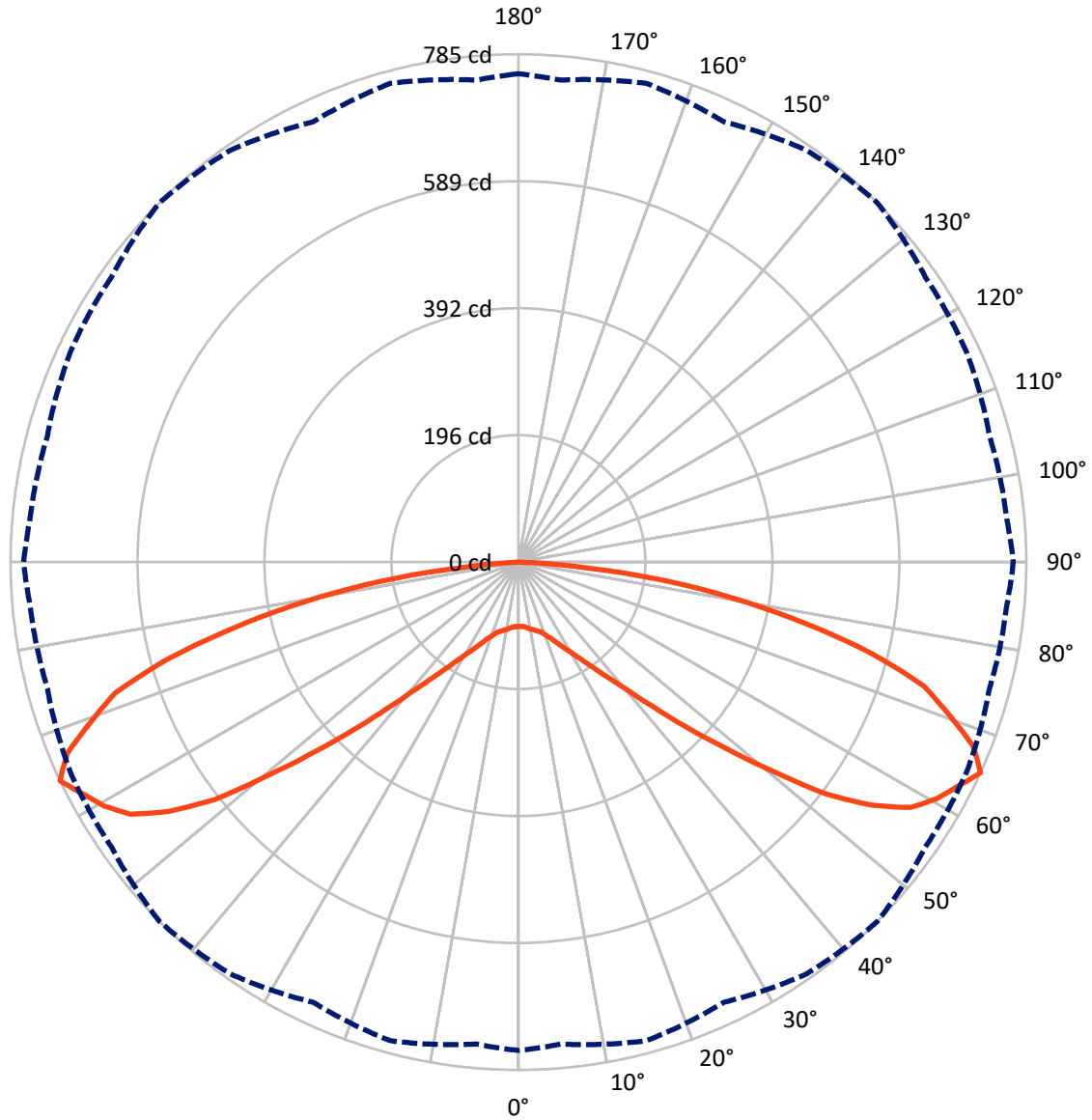
✕ Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 1.4 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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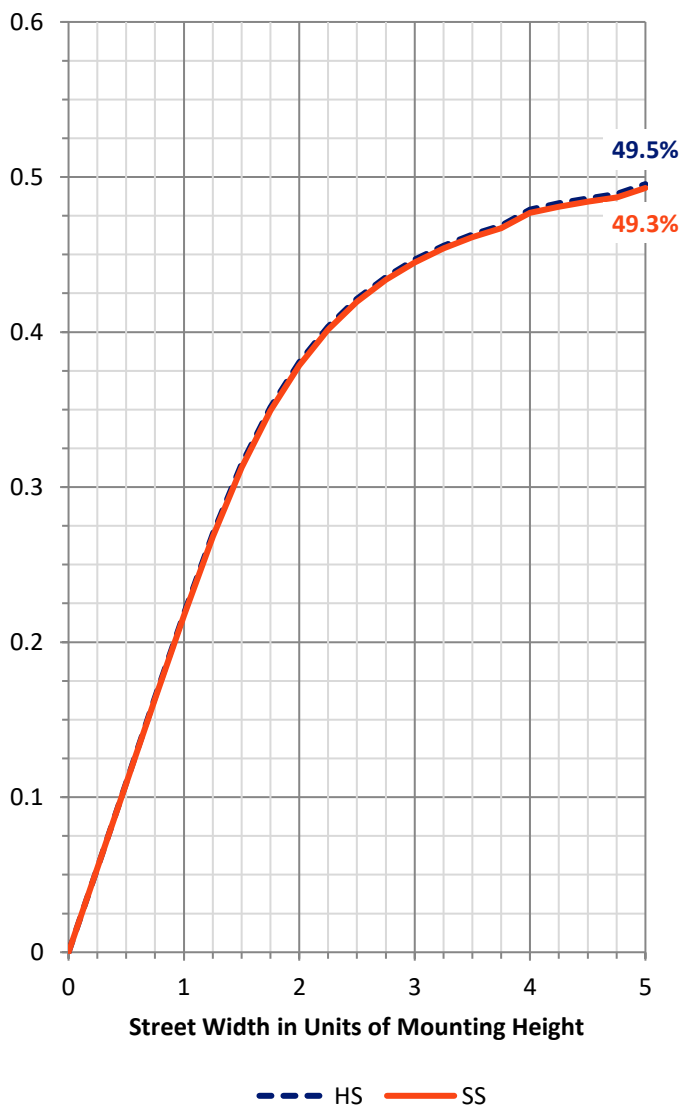
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1265.0	0.0	1265.0
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	1265.0	0.0	1265.0
	% Fixture	50.0	0.0	50.0
Total	Lumens	2530.0	0.0	2530.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	9.8	0.4
10°-20°	31.7	1.3
20°-30°	65.0	2.6
30°-40°	130.8	5.2
40°-50°	286.9	11.3
50°-60°	575.3	22.7
60°-70°	739.2	29.2
70°-80°	563.8	22.3
80°-90°	127.5	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°	2530.0	100.0
0°-180°	2530.0	100.0

Coefficient of Utilization



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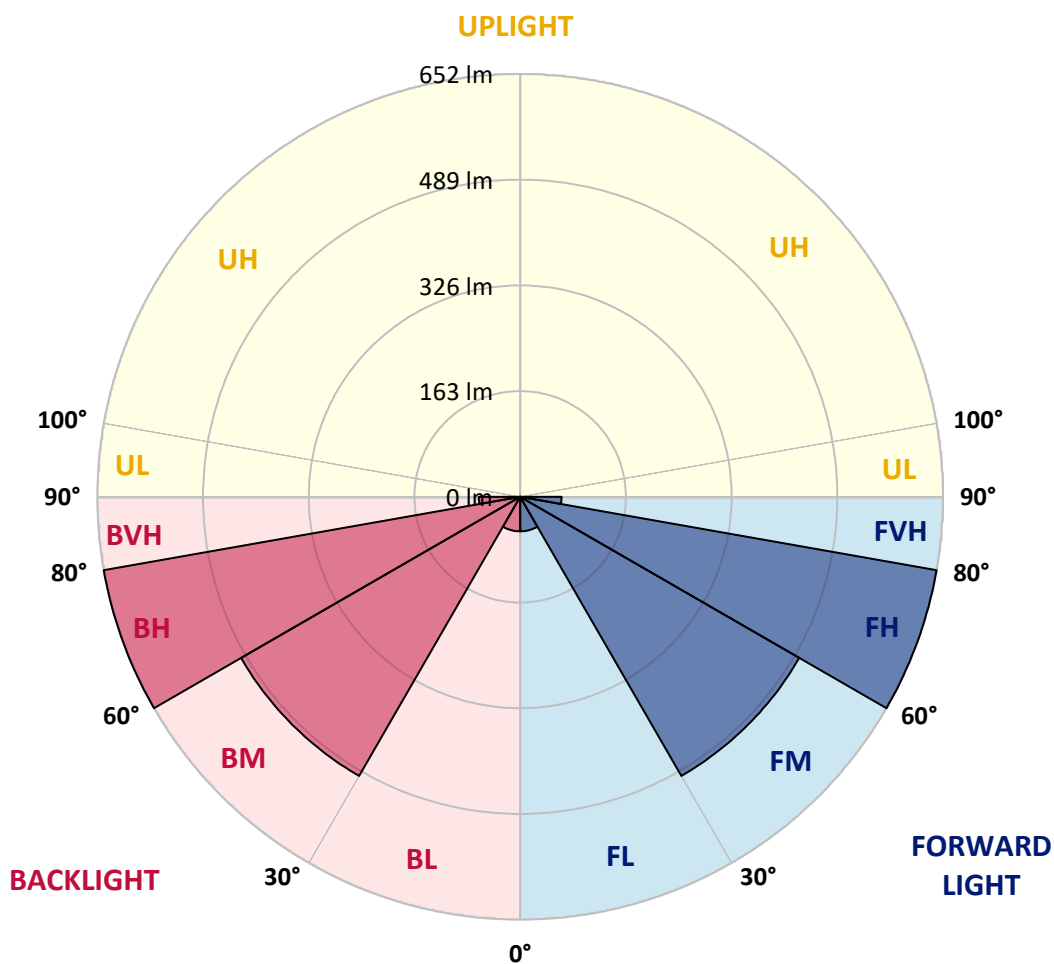
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	53.2	2.1			
FM (30°-60°)	496.5	19.6			
FH (60°-80°)	651.5	25.8			G0/660
FVH (80°-90°)	63.7	2.5			G1/100
BL (0°-30°)	53.2	2.1	B0/110		
BM (30°-60°)	496.5	19.6	B1/1000		
BH (60°-80°)	651.5	25.8	B2/1000		G0/660
BVH (80°-90°)	63.7	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°	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
2.5°	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
5°	101.5	101.5	100.5	100.5	100.5	100.5	100.5	100.5	100.5	100.5	100.5
7.5°	103.5	103.5	103.5	103.5	102.5	102.5	102.5	102.5	102.5	102.5	102.5
10°	106.5	106.5	105.5	105.5	105.5	105.5	104.5	104.5	104.5	104.5	104.5
12.5°	109.5	108.5	108.5	108.5	108.5	107.5	107.5	107.5	107.5	107.5	107.5
15°	112.6	111.5	111.5	110.5	110.5	110.5	108.5	108.5	109.5	110.5	110.5
17.5°	115.6	115.6	114.6	113.6	113.6	113.6	112.6	110.5	111.5	113.6	113.6
20°	122.6	122.6	121.6	119.6	120.6	120.6	118.6	117.6	118.6	119.6	119.6
22.5°	131.6	131.6	129.6	127.6	128.6	127.6	126.6	124.6	124.6	126.6	126.6
25°	142.7	142.7	139.7	137.7	137.7	137.7	135.7	134.7	133.7	134.7	134.7
27.5°	155.8	155.8	152.8	150.7	149.7	149.7	147.7	146.7	145.7	144.7	143.7
30°	173.9	173.9	168.8	166.8	165.8	162.8	161.8	161.8	160.8	158.8	158.8
32.5°	191.9	191.9	187.9	183.9	183.9	179.9	178.9	179.9	177.9	176.9	175.9
35°	212.0	212.0	207.0	206.0	206.0	201.0	198.0	199.0	199.0	198.0	197.0
37.5°	237.2	237.2	230.1	230.1	231.1	227.1	223.1	224.1	226.1	224.1	222.1
40°	268.3	269.3	261.3	263.3	264.3	260.3	256.3	255.3	259.3	255.3	251.2
42.5°	311.5	312.5	304.5	305.5	307.5	305.5	302.5	300.5	305.5	297.5	293.4
45°	363.8	366.8	360.8	360.8	362.8	362.8	360.8	359.8	360.8	349.7	345.7
47.5°	428.1	431.1	423.1	424.1	429.1	428.1	428.1	427.1	423.1	413.0	405.0
50°	498.4	501.5	495.4	496.4	503.5	505.5	502.5	499.5	495.4	485.4	479.4
52.5°	583.9	584.9	585.9	580.9	588.9	595.9	587.9	588.9	582.9	571.8	563.8
55°	650.2	652.2	656.2	650.2	664.3	663.3	664.3	660.2	649.2	641.1	637.1
57.5°	695.4	693.4	706.5	694.4	711.5	715.5	705.5	704.5	695.4	687.4	686.4
60°	719.5	721.5	735.6	723.6	736.6	742.6	731.6	736.6	722.5	719.5	721.5
62.5°	732.6	743.7	762.7	747.7	776.8	762.7	768.8	765.8	751.7	746.7	747.7
65°	754.7	747.7	765.8	750.7	776.8	784.9	767.8	764.8	753.7	757.7	764.8
67.5°	723.6	728.6	751.7	740.6	755.7	757.7	741.6	746.7	731.6	739.6	741.6
70°	671.3	691.4	697.4	687.4	718.5	705.5	703.5	700.4	684.4	699.4	698.4
72.5°	622.1	621.0	629.1	621.0	645.2	655.2	638.1	636.1	622.1	633.1	640.1
75°	531.6	539.7	552.7	542.7	550.7	563.8	541.7	549.7	541.7	547.7	555.7
77.5°	424.1	440.2	444.2	435.1	451.2	451.2	439.2	440.2	436.1	449.2	449.2
80°	322.6	326.6	324.6	320.6	336.7	334.6	329.6	327.6	320.6	335.6	341.7
82.5°	211.0	211.0	211.0	206.0	216.1	218.1	214.1	214.1	207.0	219.1	224.1
85°	90.4	91.4	89.4	76.4	88.4	86.4	89.4	86.4	86.4	96.5	93.5
87.5°	5.0	5.0	5.0	4.0	4.0	4.0	4.0	4.0	4.0	3.0	2.0
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)