

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: P553692

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

Issue Date: 7/13/2021

Test Information

Test Method: LM-79-08
Report Number: P553692
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-1803-687-4)
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-A
Description: LUXESCAPE OUTDOOR ARCHITECTURAL LUMINAIRE
70 CRI, 3000K LEDS AND TYPE V OPTIC, ARM MOUNT
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 2485 lumens
Efficiency: N/A
Efficacy: 118.3 lumens/watt
Luminous Opening: Circular (Dia: 1.62' x H: 0')
IES Classification: Type V - Short
BUG Rating: B2 - U0 - G1

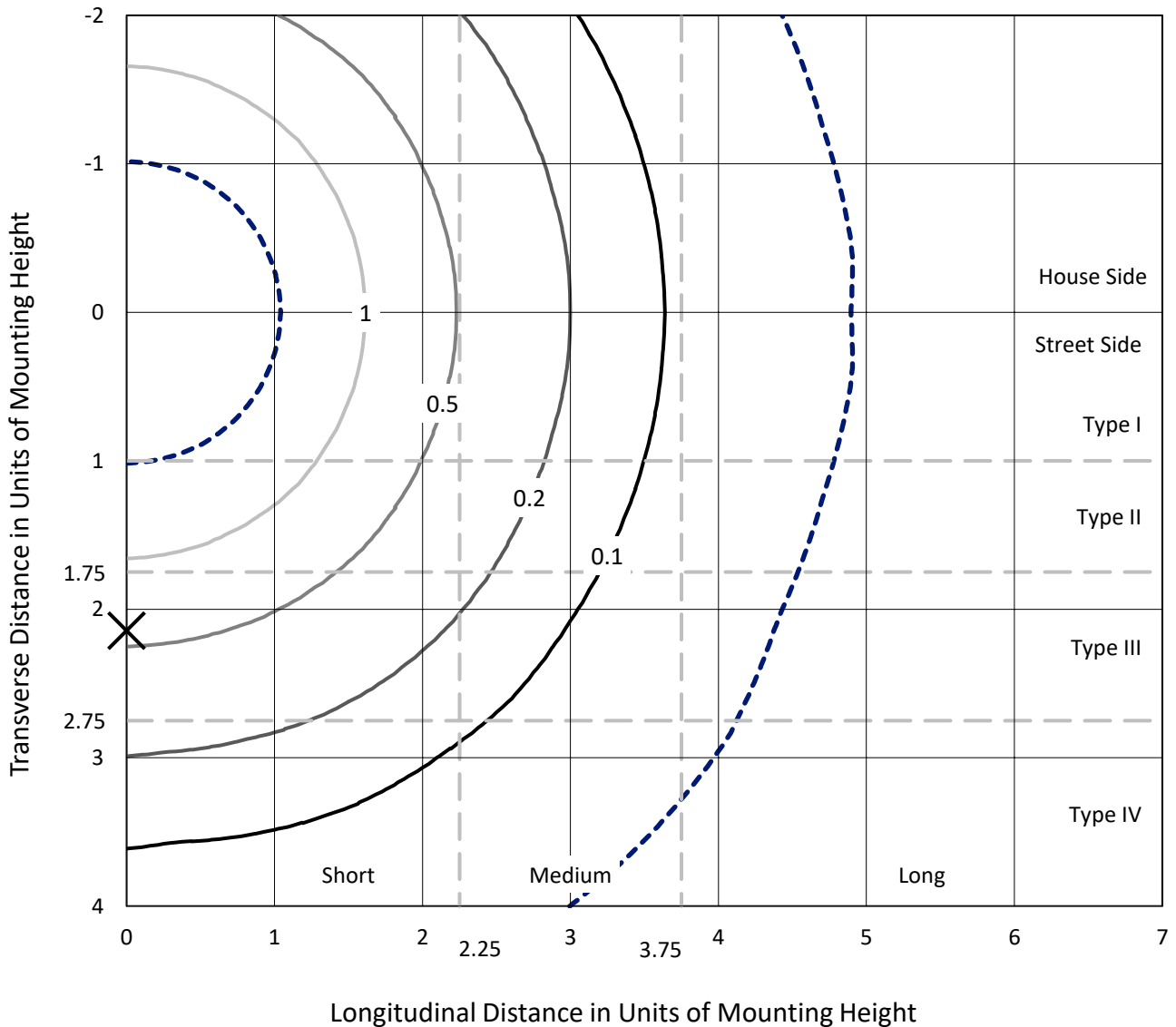
Input Watts (W): 21
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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Iso-Footcandle Lines of Horizontal Illumination

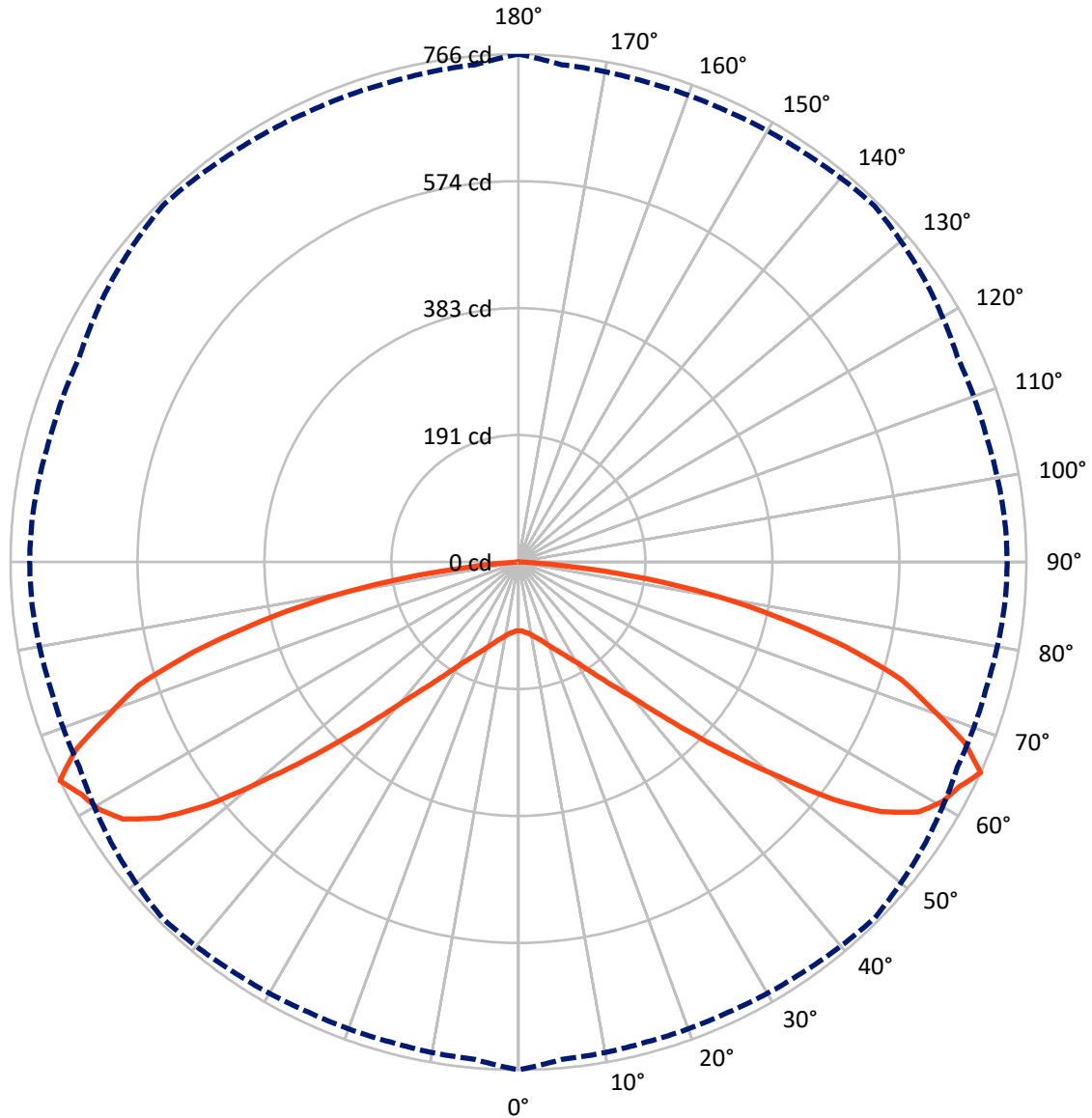
× Max cd
 - - - 1/2 Max cd



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

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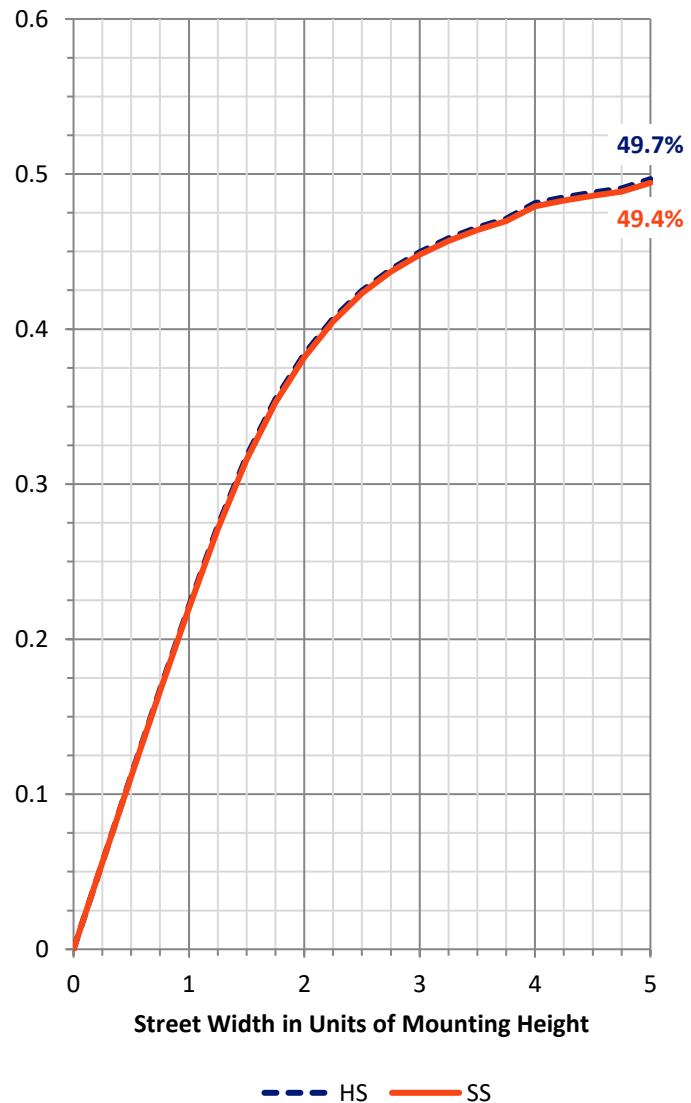
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1242.5	0.0	1242.5
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	1242.5	0.0	1242.5
	% Fixture	50.0	0.0	50.0
Total	Lumens	2485.0	0.0	2485.0
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	10.3	0.4
10°-20°	34.8	1.4
20°-30°	71.0	2.9
30°-40°	135.5	5.5
40°-50°	288.0	11.6
50°-60°	567.9	22.9
60°-70°	721.4	29.0
70°-80°	540.9	21.8
80°-90°	115.4	4.6
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°	2485.0	100.0
0°-180°	2485.0	100.0



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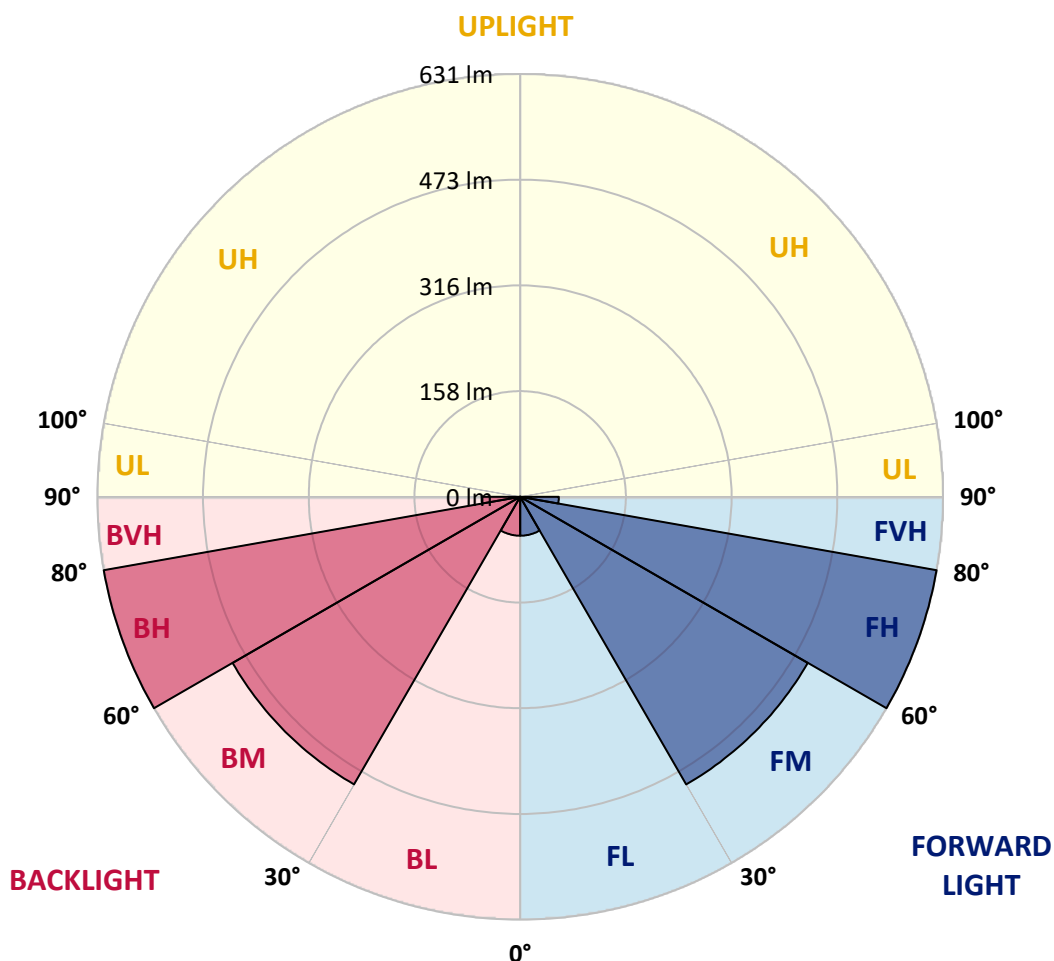
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	58.0	2.3			
FM	(30°-60°)	495.7	19.9			
FH	(60°-80°)	631.1	25.4			G0/660
FVH	(80°-90°)	57.7	2.3			G1/100
BL	(0°-30°)	58.0	2.3	B0/110		
BM	(30°-60°)	495.7	19.9	B1/1000		
BH	(60°-80°)	631.1	25.4	B2/1000		G0/660
BVH	(80°-90°)	57.7	2.3			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°	103.7	103.7	103.7	103.7	103.7	103.7	103.7	103.7	103.7	103.7	103.7
2.5°	103.7	103.7	103.7	103.7	103.7	103.7	103.7	103.7	103.7	103.7	103.7
5°	106.5	105.6	105.6	105.6	105.6	105.6	105.6	105.6	105.6	105.6	105.6
7.5°	108.3	108.3	108.3	108.3	108.3	108.3	108.3	108.3	108.3	108.3	108.3
10°	112.0	112.0	112.0	112.0	112.0	112.0	111.1	111.1	111.1	111.1	111.1
12.5°	116.7	116.7	116.7	115.7	115.7	115.7	115.7	115.7	115.7	115.7	115.7
15°	121.3	121.3	121.3	121.3	121.3	120.4	120.4	120.4	120.4	120.4	120.4
17.5°	127.8	127.8	127.8	126.9	126.9	126.9	126.9	125.9	126.9	126.9	126.9
20°	135.2	135.2	134.3	134.3	134.3	134.3	133.3	133.3	133.3	133.3	133.3
22.5°	143.5	143.5	142.6	142.6	142.6	141.7	141.7	140.7	140.7	140.7	140.7
25°	152.8	152.8	151.9	151.9	151.9	150.9	150.0	150.0	150.0	150.0	150.0
27.5°	163.9	163.9	163.0	163.0	162.0	161.1	160.2	160.2	160.2	160.2	160.2
30°	176.9	176.9	176.9	175.9	175.0	174.1	173.2	172.2	172.2	172.2	172.2
32.5°	194.4	193.5	193.5	191.7	191.7	189.8	188.9	188.0	188.0	188.0	187.0
35°	215.7	214.8	213.9	213.9	212.0	210.2	208.3	207.4	206.5	206.5	206.5
37.5°	240.7	240.7	238.9	237.0	236.1	234.3	232.4	231.5	230.6	230.6	228.7
40°	272.2	272.2	271.3	269.4	266.7	264.8	264.8	263.0	262.0	261.1	260.2
42.5°	315.7	314.8	313.0	311.1	310.2	305.6	304.6	302.8	301.9	301.9	300.0
45°	370.4	371.3	369.4	365.7	364.8	363.0	358.3	358.3	355.6	353.7	354.6
47.5°	435.2	436.1	433.3	429.6	425.9	420.4	422.2	418.5	417.6	415.7	413.0
50°	508.3	507.4	504.6	500.9	500.0	494.5	492.6	489.8	488.0	489.8	486.1
52.5°	595.4	595.4	591.7	583.3	578.7	578.7	574.1	571.3	568.5	568.5	565.7
55°	664.8	663.9	659.3	655.6	651.9	644.5	645.4	638.9	633.3	634.3	638.0
57.5°	711.1	707.4	704.6	696.3	695.4	694.5	684.3	677.8	677.8	675.0	677.8
60°	734.3	735.2	729.6	724.1	718.5	719.5	708.3	706.5	702.8	703.7	706.5
62.5°	746.3	753.7	752.8	747.2	755.6	738.0	745.4	733.3	728.7	727.8	725.9
65°	765.8	752.8	749.1	749.1	752.8	759.3	746.3	730.6	730.6	736.1	737.0
67.5°	725.0	724.1	728.7	738.9	732.4	732.4	720.4	713.0	709.3	715.7	712.0
70°	660.2	665.7	666.7	684.3	697.2	683.3	685.2	667.6	663.0	673.2	665.7
72.5°	602.8	578.7	596.3	618.5	626.9	636.1	621.3	607.4	602.8	608.3	610.2
75°	509.3	492.6	516.7	536.1	536.1	546.3	528.7	525.0	524.1	522.2	524.1
77.5°	400.0	389.8	405.6	423.2	438.0	434.3	429.6	420.4	422.2	426.9	423.2
80°	291.7	275.9	286.1	303.7	320.4	322.2	324.1	311.1	309.3	316.7	315.7
82.5°	173.2	164.8	173.2	188.0	202.8	206.5	206.5	201.9	198.2	204.6	207.4
85°	59.3	65.7	61.1	65.7	76.9	79.6	82.4	79.6	82.4	87.0	81.5
87.5°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
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)