

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: P553706

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

Issue Date: 7/13/2021

Test Information

Test Method: LM-79-08
Report Number: P553706
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-VA1-740-U-SYM-S
Description: LUXESCAPE OUTDOOR ARCHITECTURAL LUMINAIRE
70 CRI, 4000K LEDS AND TYPE V OPTIC, SPIDER MOUNT
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 2490 lumens
Efficiency: N/A
Efficacy: 118.6 lumens/watt
Luminous Opening: Circular (Dia: 1.62' x H: 0')
IES Classification: Type V - Short
BUG Rating: B2 - U0 - G1

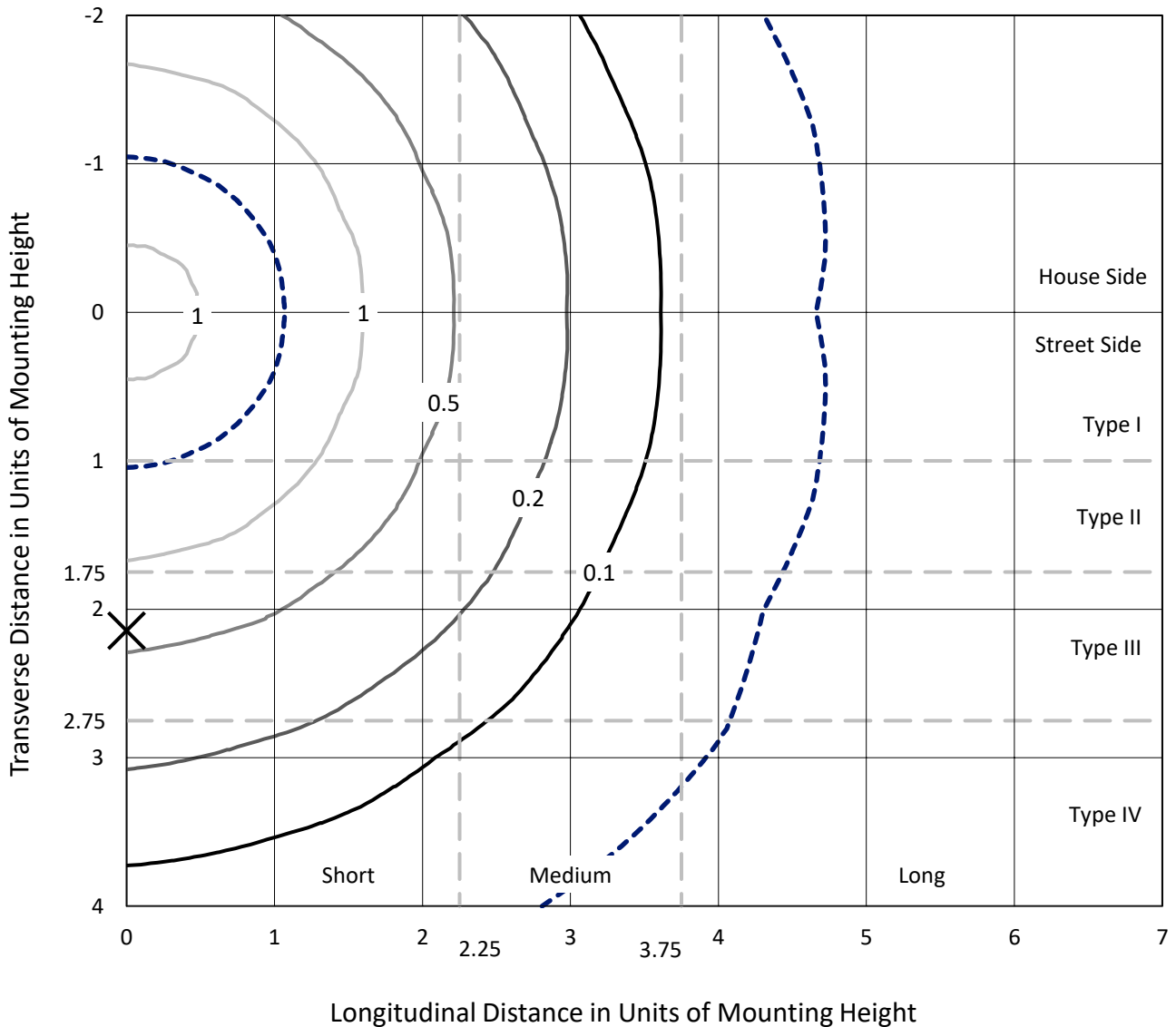
Input Watts (W): 21
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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Iso-Footcandle Lines of Horizontal Illumination

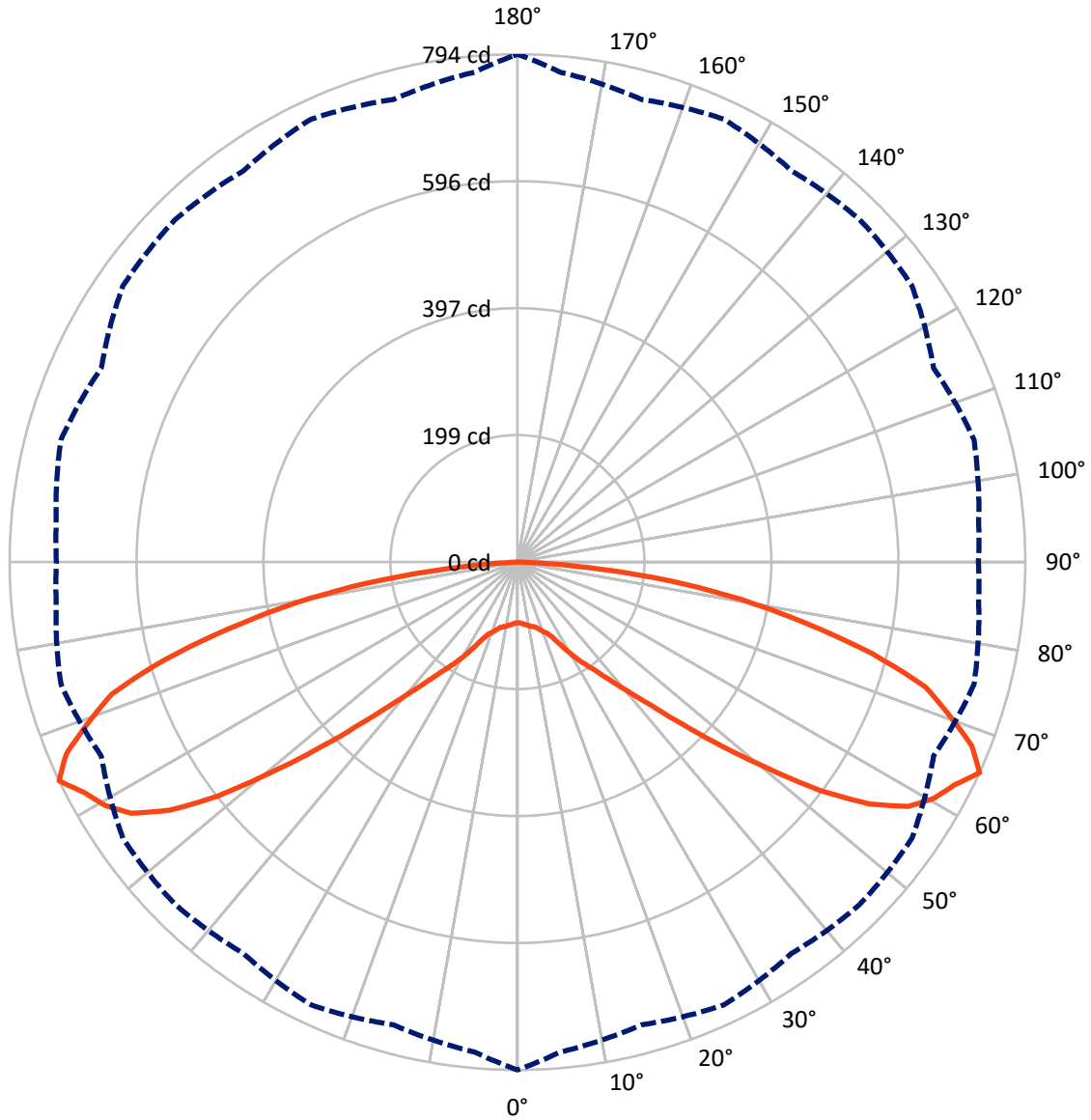
× Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 1.3 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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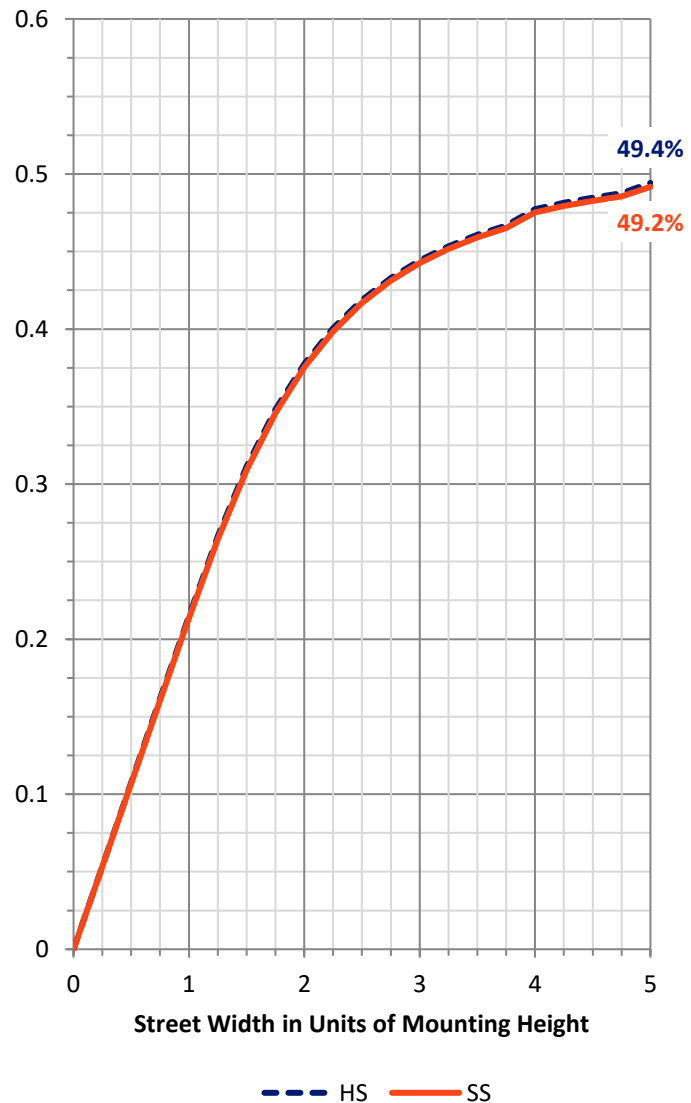
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1245.0	0.0	1245.0
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	1245.0	0.0	1245.0
	% Fixture	50.0	0.0	50.0
Total	Lumens	2490.0	0.0	2490.0
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	9.3	0.4
10°-20°	29.9	1.2
20°-30°	63.2	2.5
30°-40°	129.4	5.2
40°-50°	282.6	11.4
50°-60°	564.7	22.7
60°-70°	723.7	29.1
70°-80°	555.3	22.3
80°-90°	131.9	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°	2490.0	100.0
0°-180°	2490.0	100.0



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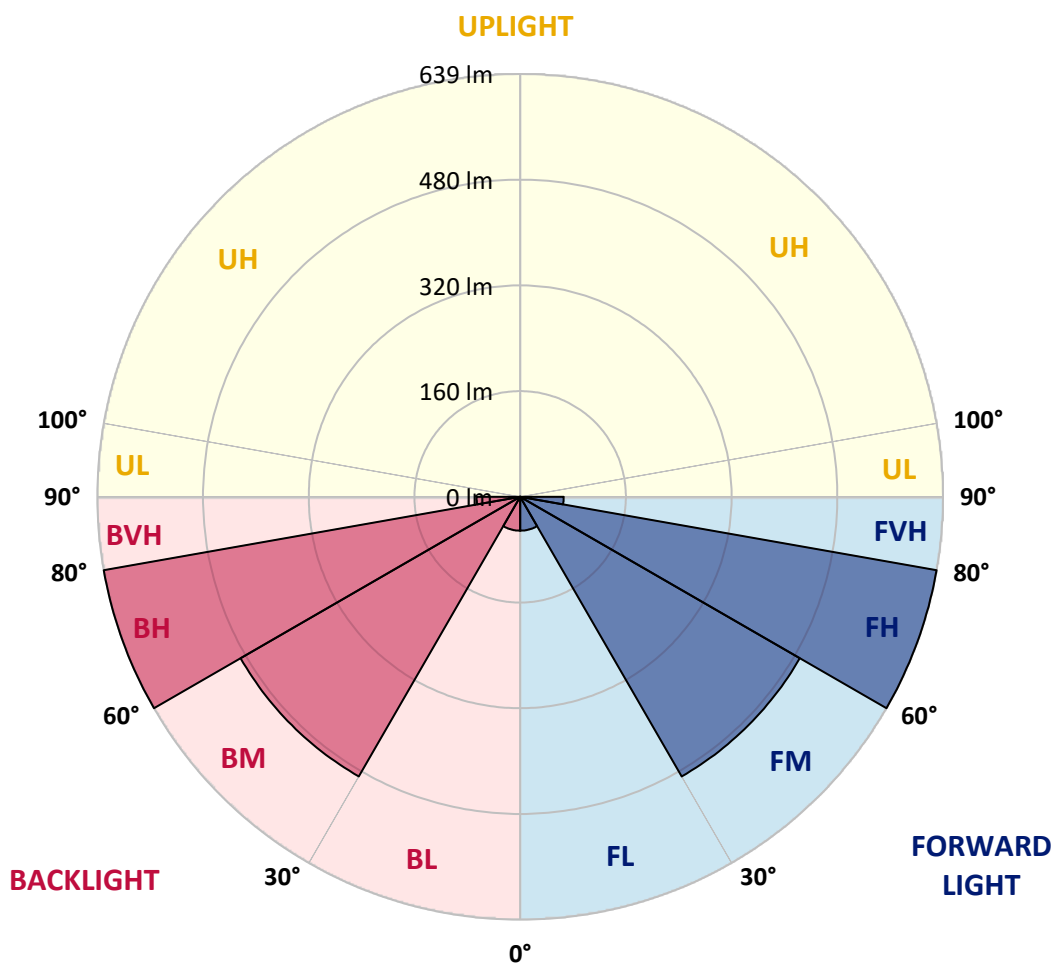
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	51.2	2.1			
FM (30°-60°)	488.3	19.6			
FH (60°-80°)	639.5	25.7			G0/660
FVH (80°-90°)	65.9	2.6			G1/100
BL (0°-30°)	51.2	2.1	B0/110		
BM (30°-60°)	488.3	19.6	B1/1000		
BH (60°-80°)	639.5	25.7	B2/1000		G0/660
BVH (80°-90°)	65.9	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°	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
2.5°	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
5°	97.3	97.3	97.3	97.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
7.5°	99.3	99.3	99.3	99.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
10°	101.3	101.3	101.3	100.3	100.3	100.3	99.3	99.3	99.3	99.3	99.3
12.5°	103.3	103.3	102.3	101.3	101.3	101.3	100.3	100.3	100.3	101.3	101.3
15°	105.3	105.3	104.3	103.3	103.3	103.3	102.3	102.3	102.3	103.3	103.3
17.5°	110.3	110.3	109.3	108.3	108.3	108.3	107.3	106.3	107.3	108.3	108.3
20°	116.3	115.3	114.3	114.3	114.3	113.3	112.3	112.3	113.3	114.3	114.3
22.5°	121.4	122.4	122.4	123.4	123.4	121.4	120.4	118.3	121.4	122.4	123.4
25°	132.4	132.4	134.4	135.4	134.4	133.4	132.4	131.4	132.4	134.4	134.4
27.5°	149.4	149.4	147.4	148.4	147.4	145.4	147.4	146.4	145.4	145.4	145.4
30°	168.5	166.5	163.5	162.5	162.5	160.5	162.5	162.5	159.5	159.5	159.5
32.5°	187.5	185.5	182.5	179.5	180.5	178.5	179.5	180.5	175.5	176.5	175.5
35°	206.6	206.6	205.6	201.6	201.6	199.6	199.6	200.6	195.6	197.6	195.6
37.5°	232.7	232.7	231.7	227.7	225.7	225.7	223.7	223.7	219.6	221.6	221.6
40°	264.8	264.8	264.8	262.8	258.8	255.7	255.7	252.7	249.7	252.7	253.7
42.5°	305.9	307.9	306.9	306.9	302.9	299.9	296.9	292.9	291.9	296.9	297.9
45°	361.1	364.1	362.1	366.1	358.0	354.0	352.0	346.0	345.0	350.0	350.0
47.5°	429.3	429.3	425.2	431.3	420.2	416.2	414.2	404.2	408.2	411.2	408.2
50°	505.5	503.5	497.4	507.5	494.4	489.4	486.4	471.4	480.4	481.4	481.4
52.5°	593.7	589.7	582.7	594.7	575.7	575.7	568.7	554.6	568.7	561.6	561.6
55°	667.9	659.9	650.9	666.9	647.9	640.9	643.9	619.8	635.9	626.8	627.8
57.5°	721.1	706.1	697.0	709.1	691.0	691.0	685.0	659.9	681.0	665.9	666.9
60°	749.2	736.1	722.1	739.2	714.1	716.1	710.1	691.0	708.1	694.0	693.0
62.5°	767.2	762.2	747.2	762.2	749.2	735.1	749.2	719.1	736.1	716.1	711.1
65°	794.3	769.2	749.2	764.2	747.2	757.2	753.2	718.1	739.2	724.1	721.1
67.5°	766.2	752.2	736.1	753.2	726.1	732.1	728.1	703.0	717.1	704.1	694.0
70°	716.1	716.1	685.0	700.0	691.0	685.0	693.0	660.9	671.0	663.9	648.9
72.5°	666.9	643.9	619.8	632.8	620.8	637.9	630.8	601.8	609.8	599.7	591.7
75°	573.7	560.6	544.6	551.6	531.5	550.6	536.6	521.5	531.5	515.5	509.5
77.5°	462.3	464.4	442.3	447.3	436.3	440.3	440.3	422.2	429.3	421.2	412.2
80°	355.0	347.0	323.9	336.0	328.0	330.0	335.0	313.9	317.9	315.9	307.9
82.5°	238.7	232.7	219.6	224.7	215.6	218.6	219.6	205.6	206.6	206.6	197.6
85°	111.3	114.3	103.3	101.3	97.3	95.3	96.3	86.3	89.3	90.3	80.2
87.5°	14.0	14.0	12.0	11.0	9.0	8.0	6.0	5.0	5.0	4.0	3.0
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)