

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: G2-2108-353-4

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

Test Date: 9/20/2021

**Test Information**

Test Method: LM-79-08  
Report Number: G2-2108-353-4  
Test Lab: COOPER LIGHTING SOLUTIONS  
Test Date: 9/20/2021  
Issue Date: 9/20/2021  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: INVUE  
Catalog Number: LXS-VA1-AMB-U-SYM-A  
Description: LUXESCAPE OUTDOOR ARCHITECTURAL LUMINAIRE  
NARROW BAND AMBER LEDS AND TYPE V OPTIC, ARM MOUNT  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 1773.4 lumens  
Efficiency: N/A  
Efficacy: 27.0 lumens/watt  
Luminous Opening: Circular (Dia: 1.67' x H: 0')  
IES Classification: Type V - Short  
BUG Rating: B1 - U0 - G1

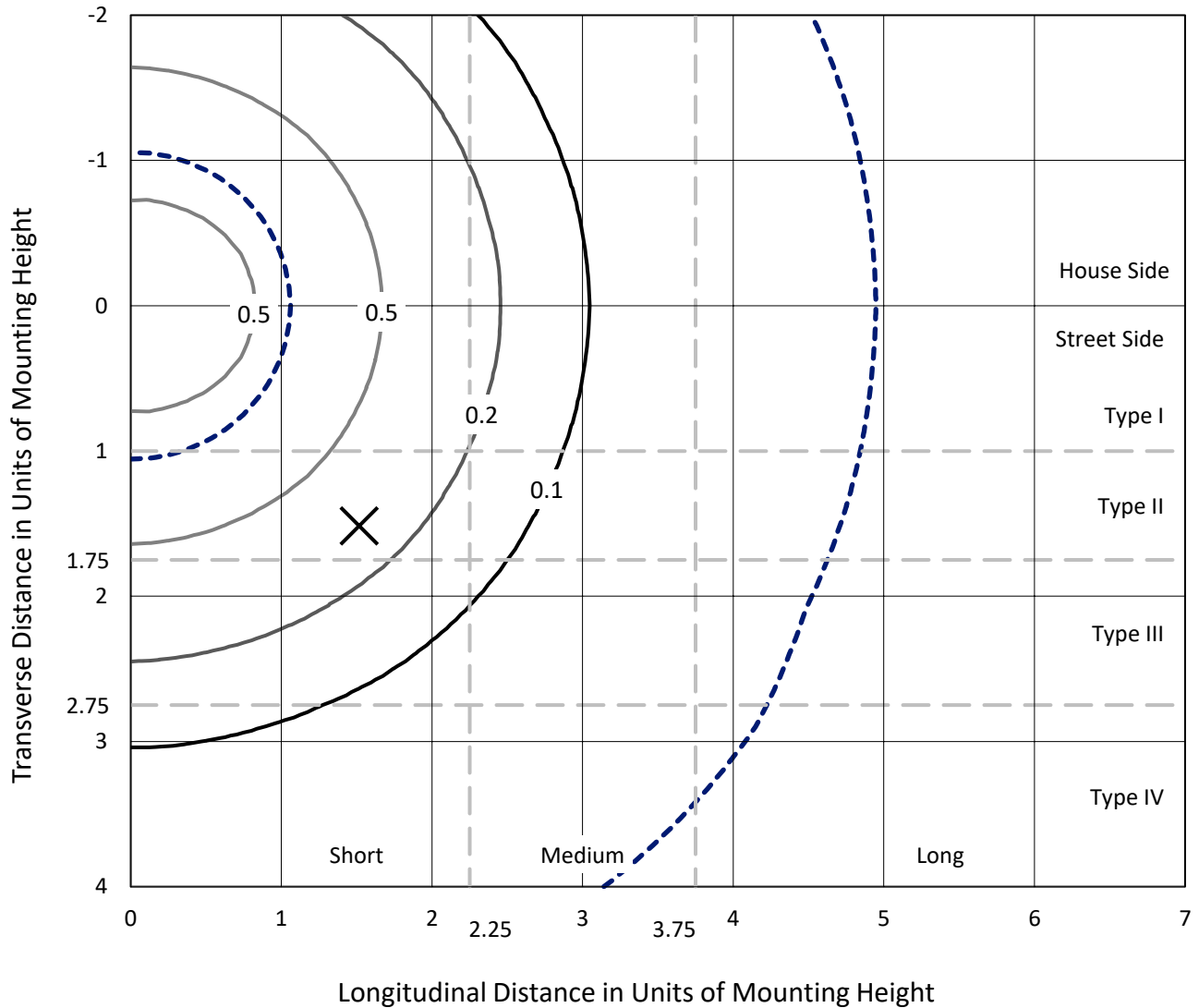
Input Watts (W): 65.6  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 28.75 FT



REPORT NUMBER: G2-2108-353-4  
 CATALOG NUMBER: LXS-VA1-AMB-U-SYM-A

### Iso-Footcandle Lines of Horizontal Illumination

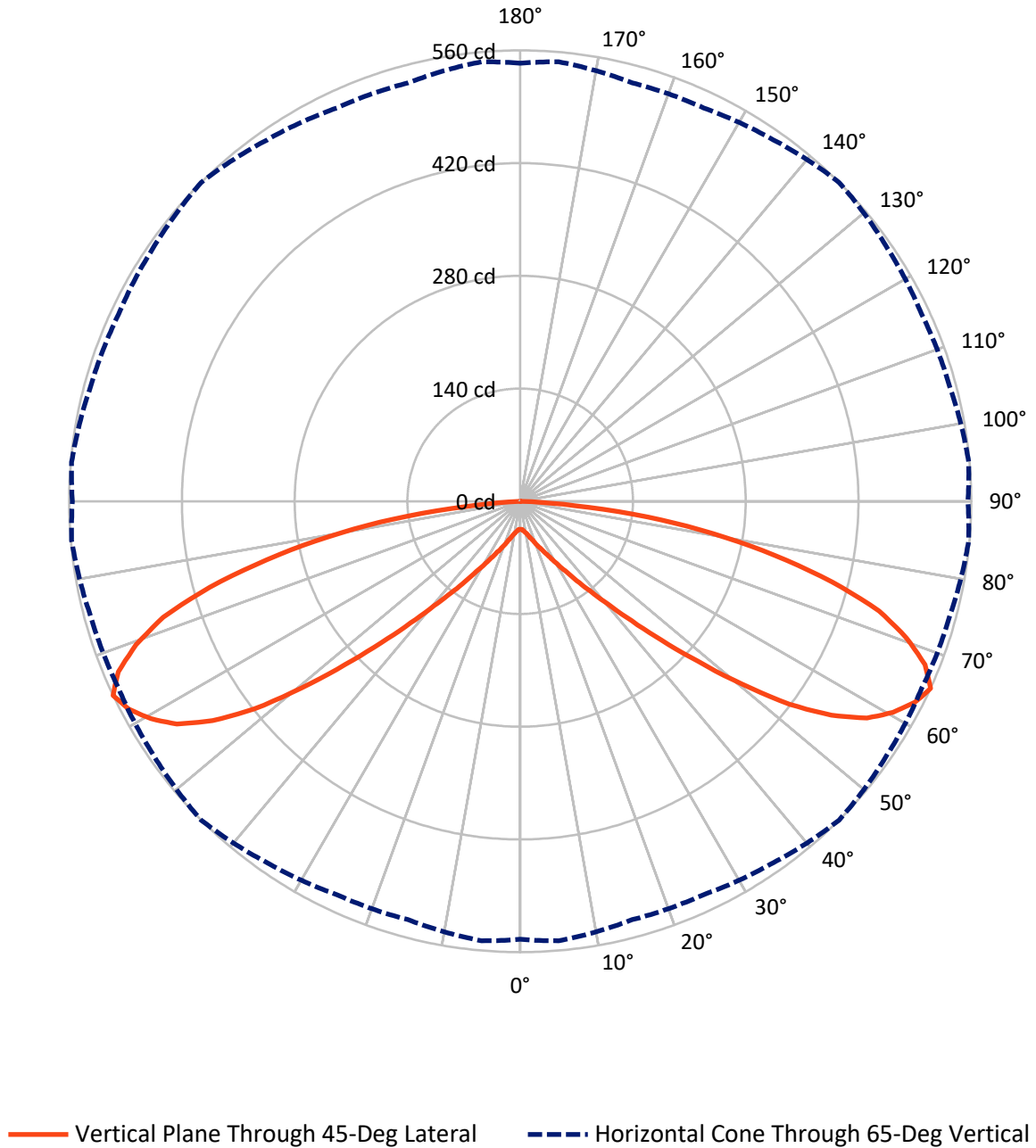
✕ Max cd  
 - - - 1/2 Max cd



Based on 12 foot mounting height. Maximum calculated value = 0.7 fc  
 Type V - Short - N/A

REPORT NUMBER: G2-2108-353-4  
CATALOG NUMBER: LXS-VA1-AMB-U-SYM-A

### Luminous Intensity Polar Plot



REPORT NUMBER: G2-2108-353-4  
 CATALOG NUMBER: LXS-VA1-AMB-U-SYM-A

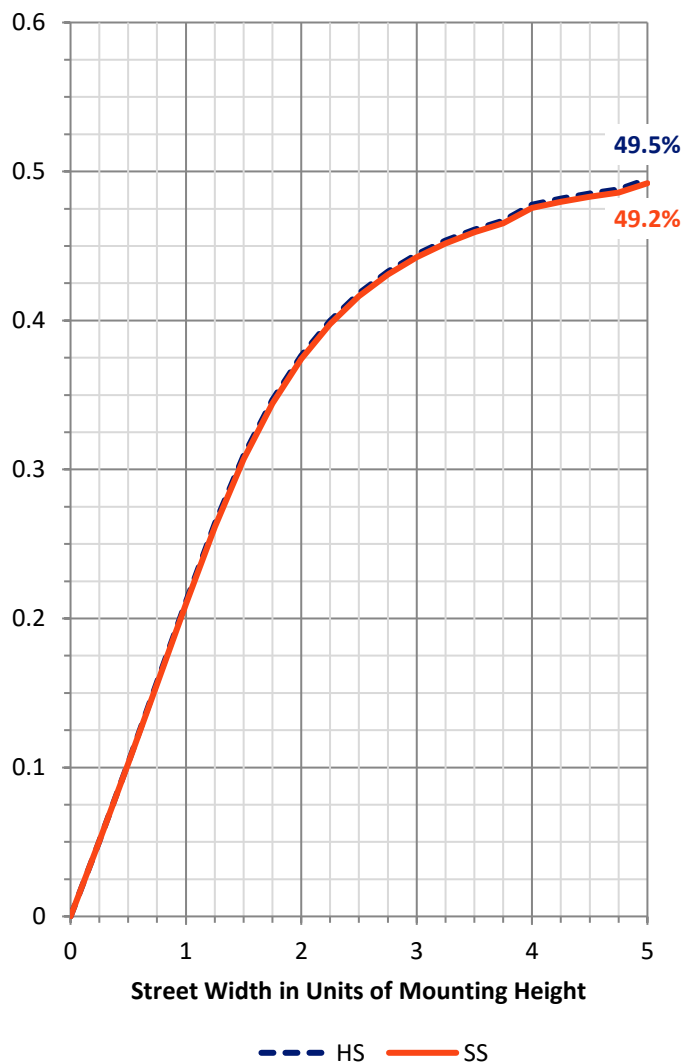
**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	886.7	0.0	886.7
	% Fixture	50.0	0.0	50.0
<b>Street Side</b>	Lumens	886.7	0.0	886.7
	% Fixture	50.0	0.0	50.0
<b>Total</b>	Lumens	1773.4	0.0	1773.4
	% Fixture	100.0	0.0	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	3.6	0.2
10°-20°	13.7	0.8
20°-30°	33.3	1.9
30°-40°	78.5	4.4
40°-50°	197.1	11.1
50°-60°	412.5	23.3
60°-70°	534.1	30.1
70°-80°	408.0	23.0
80°-90°	92.5	5.2
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°	1773.4	100.0
0°-180°	1773.4	100.0

**Coefficient of Utilization**



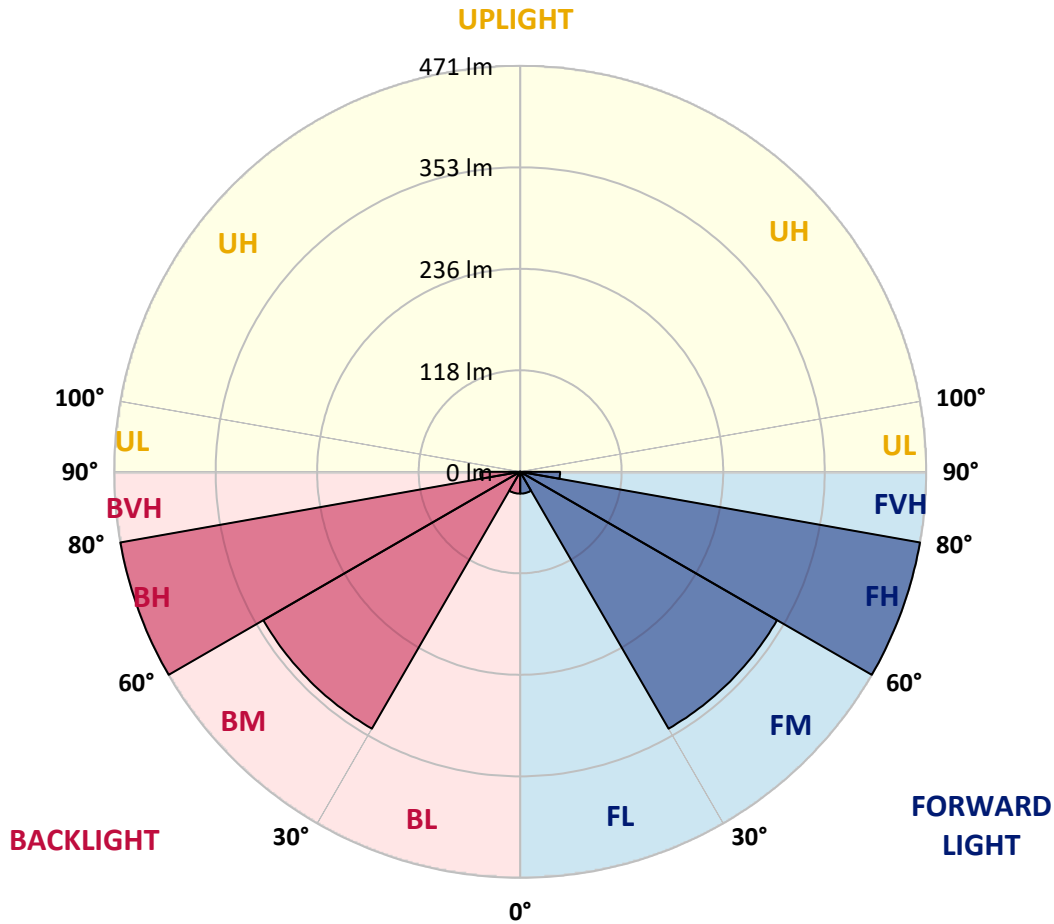
REPORT NUMBER: G2-2108-353-4  
 CATALOG NUMBER: LXS-VA1-AMB-U-SYM-A

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

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	25.3	1.4			
FM (30°-60°)	344.1	19.4			
FH (60°-80°)	471.1	26.6			G0/660
FVH (80°-90°)	46.2	2.6			G1/100
BL (0°-30°)	25.3	1.4	B0/110		
BM (30°-60°)	344.1	19.4	B1/1000		
BH (60°-80°)	471.1	26.6	B1/500		G0/660
BVH (80°-90°)	46.2	2.6			G1/100
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

**BUG Rating: B1-U0-G1**

Type V Short





REPORT NUMBER: G2-2108-353-4  
 CATALOG NUMBER: LXS-VA1-AMB-U-SYM-A

**CANDELA DISTRIBUTION (FULL):**

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	35	35	35	35	35	35	35	35	35	35	35
2.5°	35	35	35	35	35	35	35	35	35	35	35
5°	36	36	36	36	36	36	36	36	36	36	36
7.5°	38	38	38	38	38	38	38	38	38	38	38
10°	41	41	41	41	41	40	40	40	40	40	40
12.5°	44	44	44	44	44	43	43	43	43	43	43
15°	48	48	48	48	47	47	47	46	46	46	46
17.5°	53	53	53	53	52	51	51	50	50	50	50
20°	59	59	59	58	57	57	56	55	54	54	54
22.5°	66	66	65	65	64	63	62	60	60	59	59
25°	74	74	73	73	71	70	69	67	66	66	66
27.5°	84	83	83	82	80	79	77	75	74	74	74
30°	96	95	95	94	91	90	87	86	85	84	84
32.5°	110	110	109	108	105	103	101	99	98	97	97
35°	128	127	127	126	123	121	118	116	114	113	113
37.5°	149	148	147	146	144	142	139	137	135	134	134
40°	174	173	173	172	170	168	166	164	163	161	161
42.5°	207	206	206	205	204	203	202	199	199	197	198
45°	249	248	247	247	246	246	245	244	245	243	242
47.5°	298	298	297	297	297	297	298	298	299	297	296
50°	353	352	353	355	355	357	358	359	361	360	359
52.5°	414	412	413	411	414	419	419	420	422	422	421
55°	465	463	462	463	465	469	472	471	473	474	475
57.5°	499	498	496	496	500	508	507	507	511	512	512
60°	525	523	522	522	526	532	534	537	539	540	541
62.5°	537	542	542	541	550	550	558	552	555	558	552
65°	544	548	538	539	548	560	554	550	552	559	556
67.5°	538	531	528	530	533	542	539	535	536	542	539
70°	503	505	504	502	509	509	513	507	505	508	508
72.5°	459	460	452	453	463	466	464	456	458	458	461
75°	402	394	391	392	398	400	398	389	392	392	395
77.5°	325	322	326	319	326	323	324	314	316	316	316
80°	241	246	241	239	242	243	240	233	231	230	231
82.5°	162	161	157	160	158	160	155	149	146	146	144
85°	82	74	71	68	70	67	65	59	57	55	57
87.5°	3	2	2	2	2	1	1	1	0	0	0
90°	0	0	0	0	0	0	0	0	0	0	0

(END OF REPORT)