

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: G2-2108-353-8

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

Test Date: 9/20/2021

Test Information

Test Method: LM-79-08
Report Number: G2-2108-353-8
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-C
Description: LUXESCAPE OUTDOOR ARCHITECTURAL LUMINAIRE
NARROW BAND AMBER LEDS AND TYPE V OPTIC, CANTILEVER MOUNT
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1675.3 lumens
Efficiency: N/A
Efficacy: 25.5 lumens/watt
Luminous Opening: Circular (Dia: 1.67' x H: 0')
IES Classification: Type V - Short
BUG Rating: B1 - U0 - G1

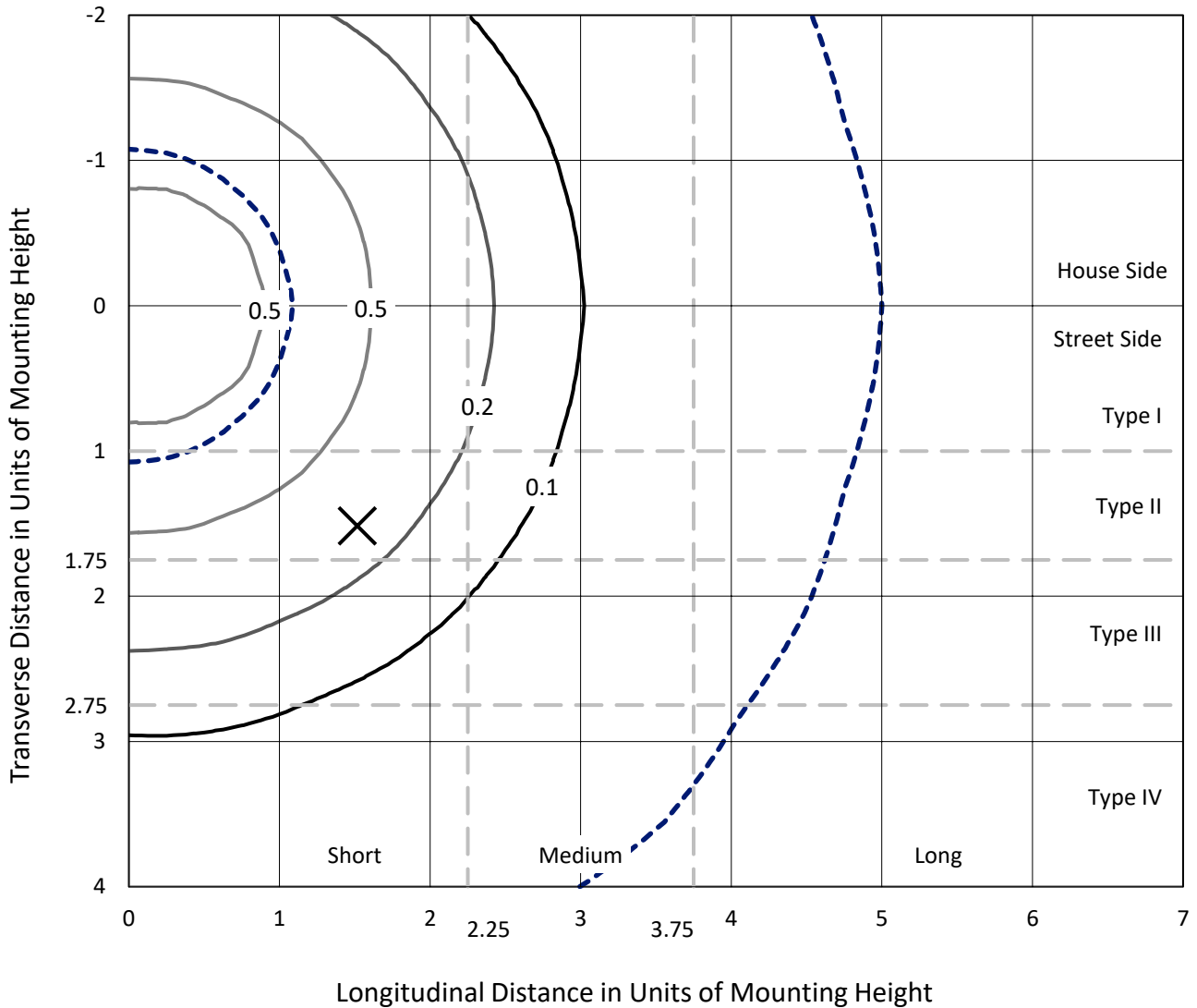
Input Watts (W): 65.6
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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Iso-Footcandle Lines of Horizontal Illumination

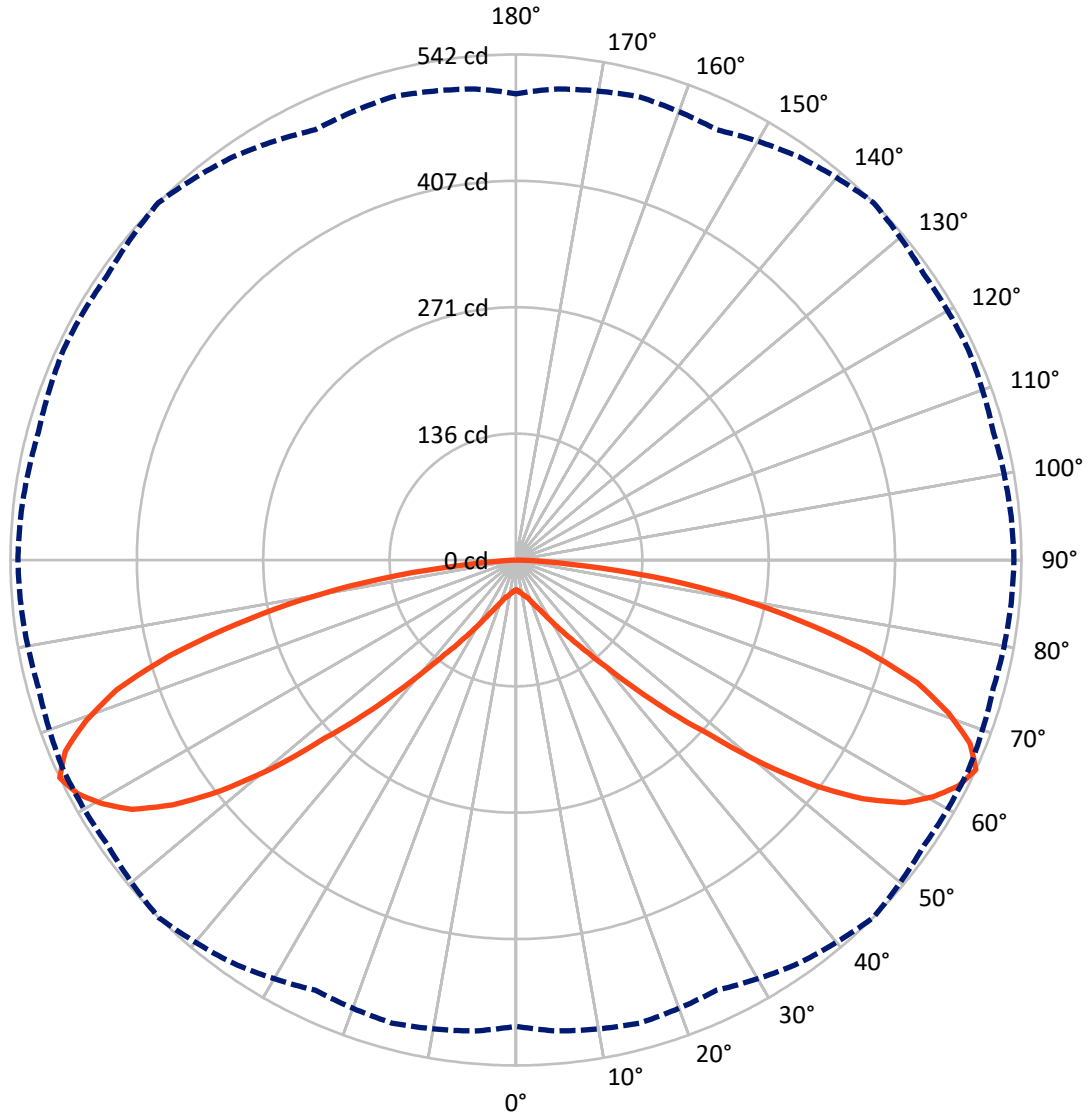
✕ Max cd
 - - - 1/2 Max cd



Based on 12 foot mounting height. Maximum calculated value = 0.6 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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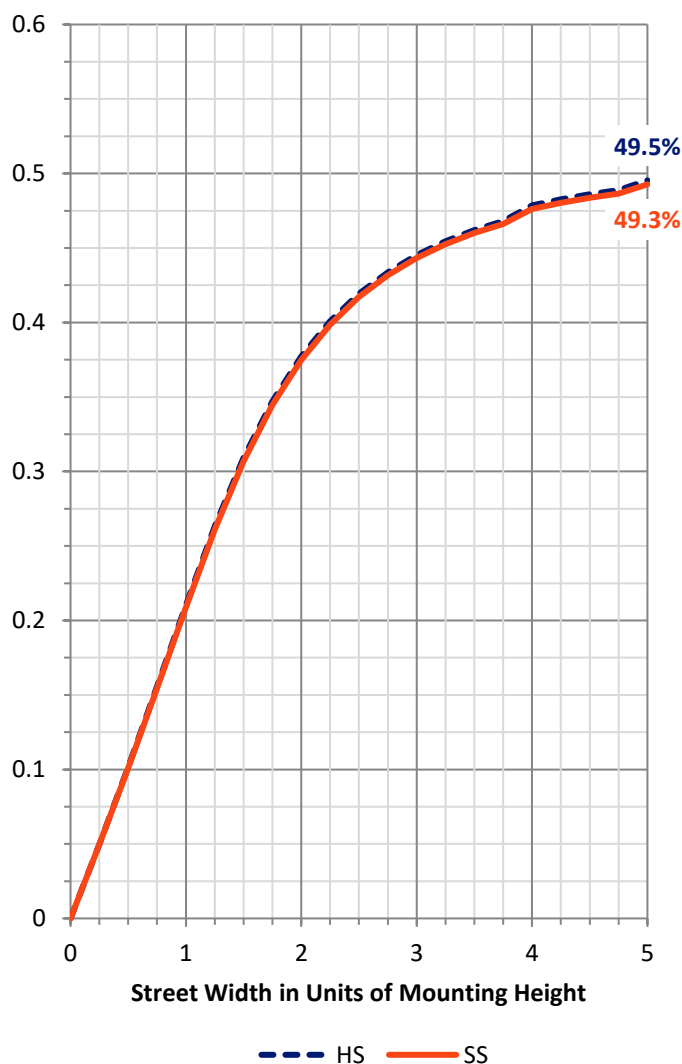
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	837.7	0.0	837.7
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	837.7	0.0	837.7
	% Fixture	50.0	0.0	50.0
Total	Lumens	1675.3	0.0	1675.3
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	3.3	0.2
10°-20°	11.9	0.7
20°-30°	28.2	1.7
30°-40°	70.8	4.2
40°-50°	184.1	11.0
50°-60°	392.0	23.4
60°-70°	510.8	30.5
70°-80°	388.6	23.2
80°-90°	85.7	5.1
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°	1675.3	100.0
0°-180°	1675.3	100.0

Coefficient of Utilization

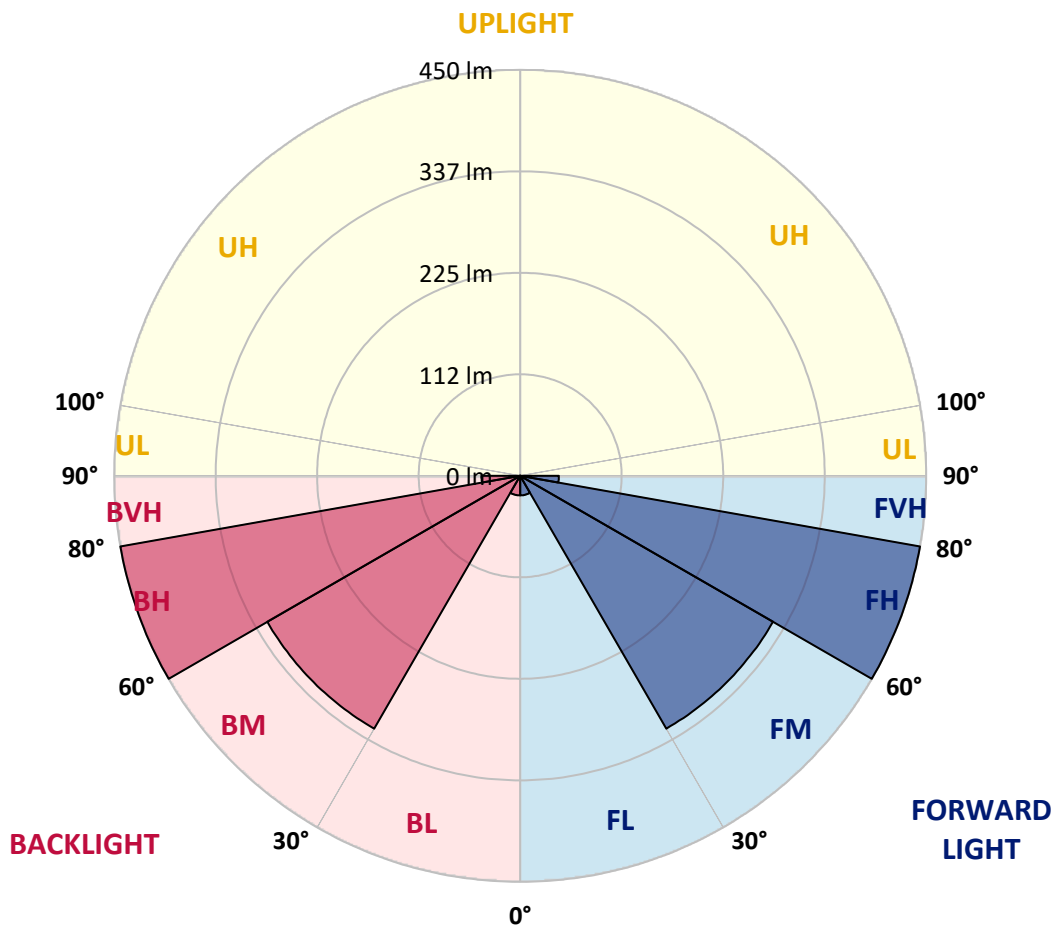


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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	21.7	1.3			
FM (30°-60°)	323.4	19.3			
FH (60°-80°)	449.7	26.8			G0/660
FVH (80°-90°)	42.9	2.6			G1/100
BL (0°-30°)	21.7	1.3	B0/110		
BM (30°-60°)	323.4	19.3	B1/1000		
BH (60°-80°)	449.7	26.8	B1/500		G0/660
BVH (80°-90°)	42.9	2.6			G1/100
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

BUG Rating: B1-U0-G1
 Type V Short





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	32	32	32	32	32	32	32	32	32	32	32
2.5°	33	33	33	33	33	33	33	33	33	33	33
5°	34	34	34	34	34	34	34	34	34	34	34
7.5°	36	35	35	35	35	35	35	35	35	35	35
10°	38	38	37	37	37	37	37	37	37	37	37
12.5°	40	40	40	39	39	39	39	39	39	39	39
15°	42	42	41	41	41	41	41	41	41	41	41
17.5°	45	45	44	43	43	43	43	42	42	43	43
20°	49	49	48	47	48	48	47	46	46	47	47
22.5°	55	55	54	53	53	53	51	51	50	51	51
25°	63	63	61	59	59	59	57	56	55	56	56
27.5°	74	73	71	68	68	67	65	64	63	62	62
30°	87	86	84	81	79	78	76	75	73	71	71
32.5°	104	103	99	96	94	91	88	87	85	84	84
35°	121	120	117	114	112	107	103	102	101	100	100
37.5°	140	140	136	134	133	127	122	121	123	121	122
40°	163	163	159	159	158	154	148	149	150	147	147
42.5°	193	195	190	191	191	190	183	184	187	182	180
45°	233	234	229	230	232	233	227	228	231	224	221
47.5°	276	278	274	277	280	280	278	280	283	274	271
50°	329	330	328	331	336	344	338	342	342	333	331
52.5°	386	387	386	386	394	402	400	403	401	393	390
55°	431	432	435	435	445	452	453	455	452	445	442
57.5°	463	463	471	468	480	491	488	491	488	483	482
60°	487	485	497	494	506	515	515	521	515	512	513
62.5°	497	502	518	512	531	533	538	537	532	531	527
65°	500	507	514	509	528	542	534	535	530	533	534
67.5°	493	490	504	500	513	525	518	522	515	519	520
70°	457	465	480	473	490	492	492	494	486	488	494
72.5°	418	425	429	426	441	450	443	445	439	442	451
75°	366	365	371	369	379	386	377	380	376	379	389
77.5°	292	298	304	298	308	309	304	305	303	308	311
80°	215	226	226	224	228	232	225	227	222	226	226
82.5°	141	145	143	141	144	148	139	146	139	142	147
85°	64	64	58	58	58	58	53	56	56	55	60
87.5°	3	3	3	2	2	2	2	2	2	1	1
90°	0	0	0	0	0	0	0	0	0	0	0

(END OF REPORT)