

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: P553730

Luminaire Tested: **LXS-VA2-730-U-SYM-S**

Issue Date: 7/13/2021

Test Information

Test Method: LM-79-08
Report Number: P553730
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-VA2-730-U-SYM-S
Description: LUXESCAPE OUTDOOR ARCHITECTURAL LUMINAIRE
70 CRI, 3000K LEDS AND TYPE V OPTIC, SPIDER MOUNT
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 4600 lumens
Efficiency: N/A
Efficacy: 112.2 lumens/watt
Luminous Opening: Circular (Dia: 1.62' x H: 0')
IES Classification: Type V - Short
BUG Rating: B3 - U0 - G2

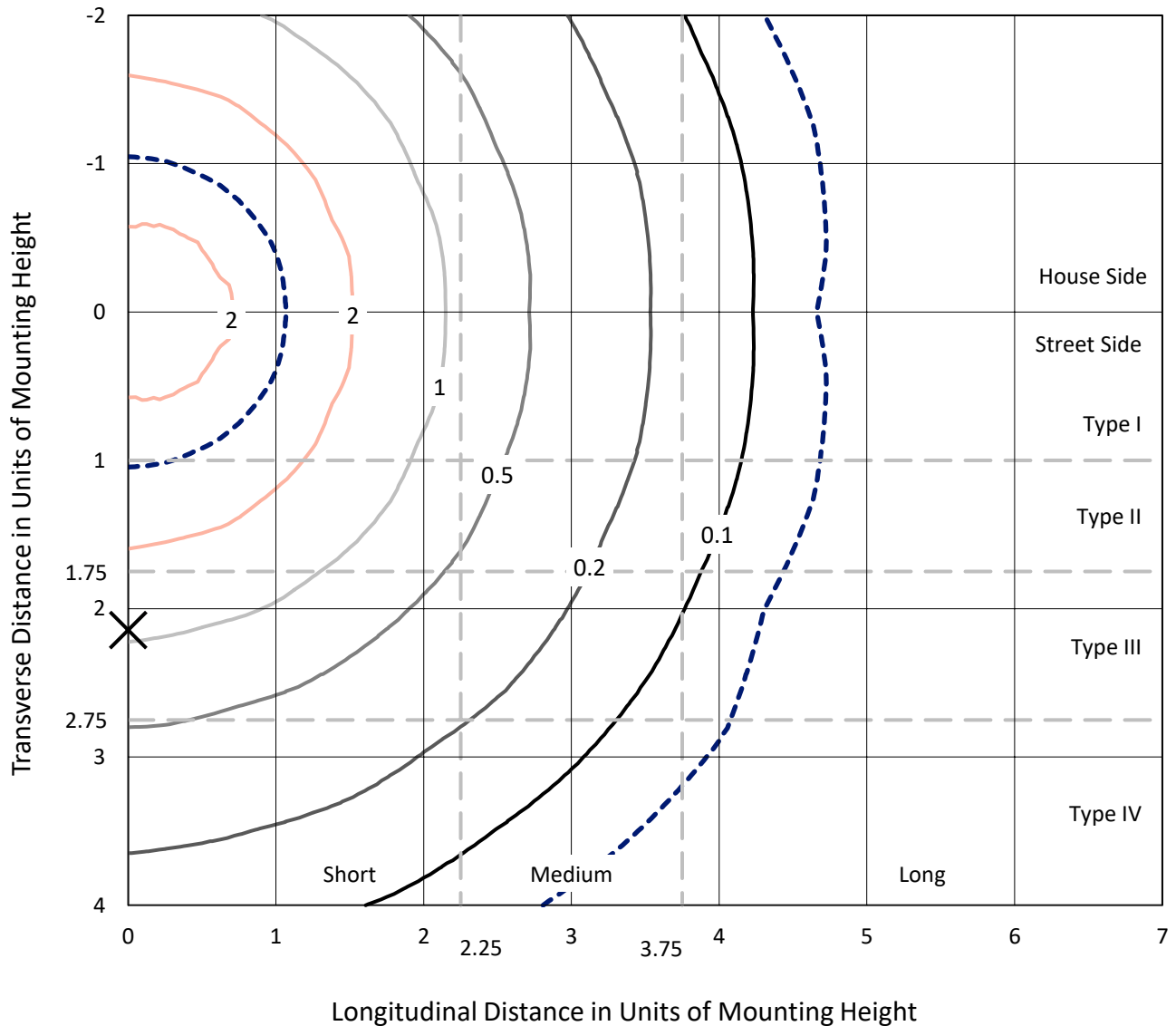
Input Watts (W): 41
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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Iso-Footcandle Lines of Horizontal Illumination

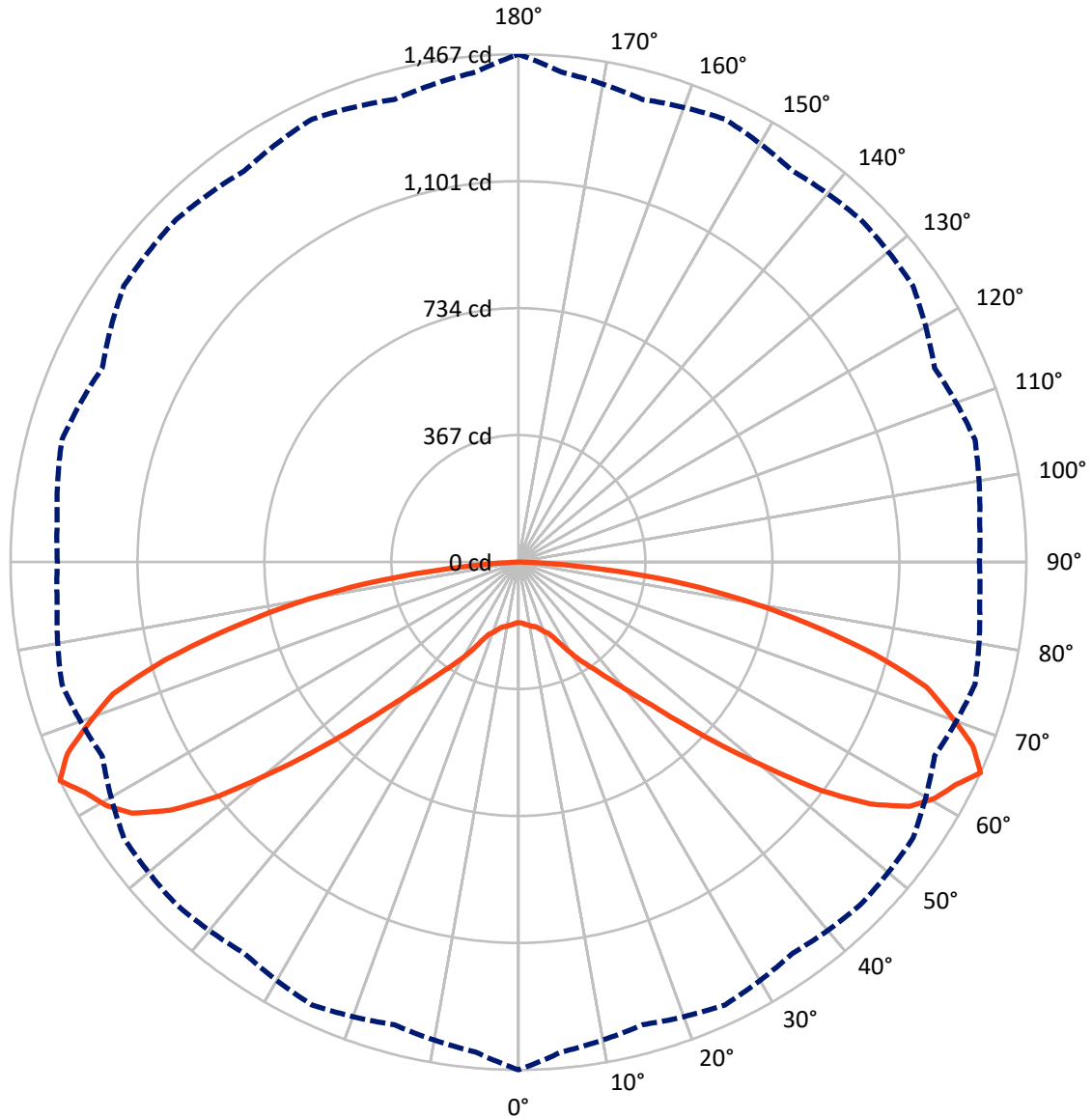
× Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 2.5 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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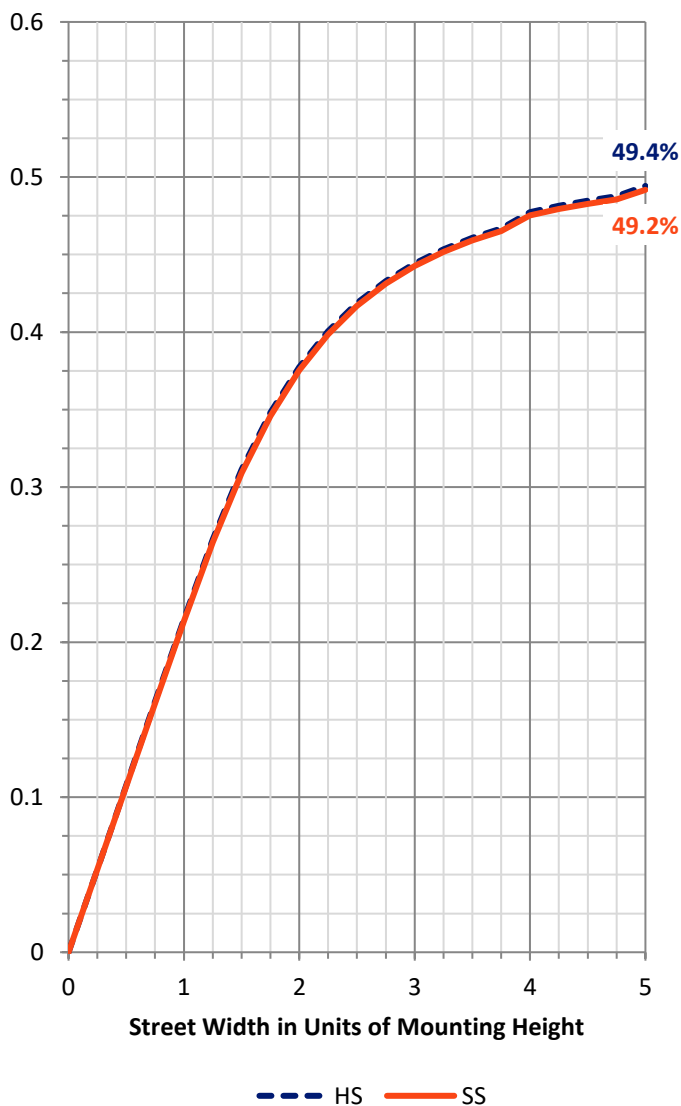
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2300.0	0.0	2300.0
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	2300.0	0.0	2300.0
	% Fixture	50.0	0.0	50.0
Total	Lumens	4600.0	0.0	4600.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	17.3	0.4
10°-20°	55.3	1.2
20°-30°	116.7	2.5
30°-40°	239.0	5.2
40°-50°	522.1	11.4
50°-60°	1043.2	22.7
60°-70°	1337.0	29.1
70°-80°	1025.8	22.3
80°-90°	243.6	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°	4600.0	100.0
0°-180°	4600.0	100.0

Coefficient of Utilization



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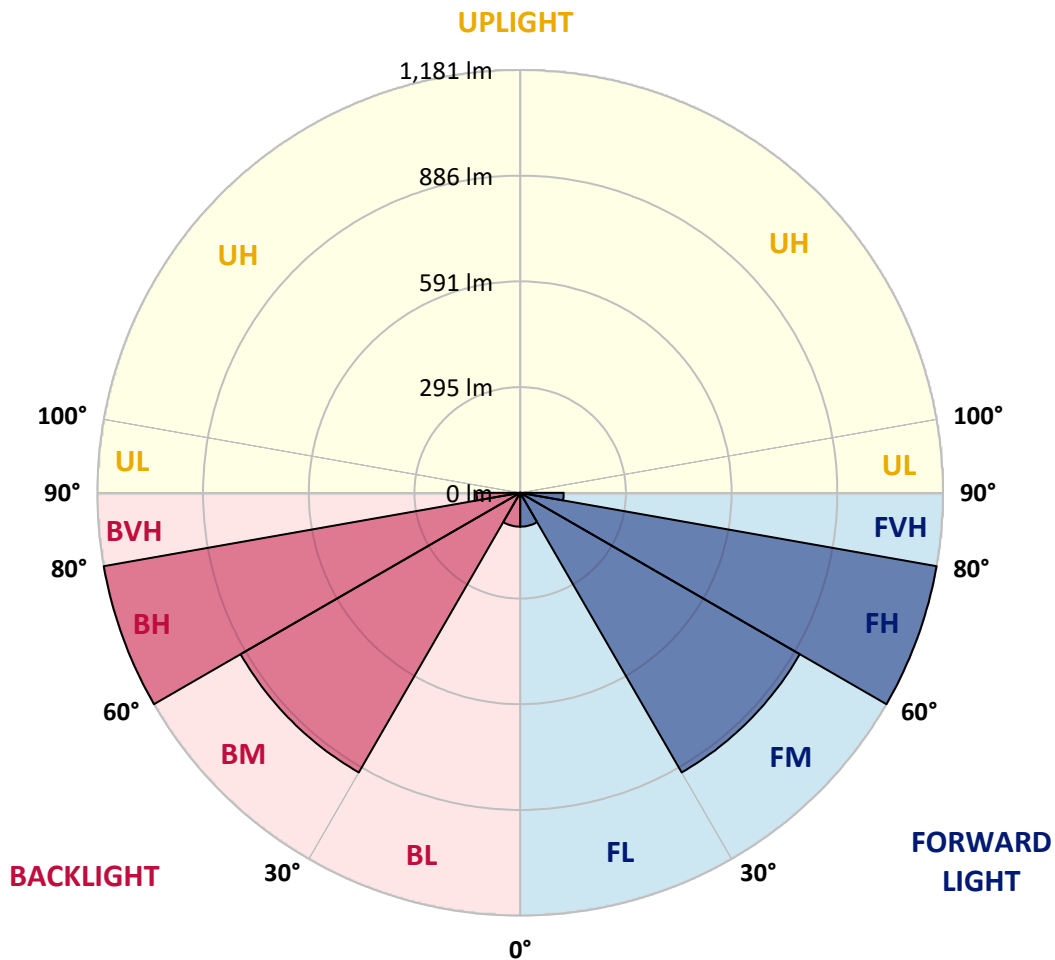
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	94.6	2.1			
FM (30°-60°)	902.2	19.6			
FH (60°-80°)	1181.4	25.7			G1/1800
FVH (80°-90°)	121.8	2.6			G2/225
BL (0°-30°)	94.6	2.1	B0/110		
BM (30°-60°)	902.2	19.6	B1/1000		
BH (60°-80°)	1181.4	25.7	B3/2500		G1/1800
BVH (80°-90°)	121.8	2.6			G2/225
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G2

Type V Short





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	176.0	176.0	176.0	176.0	176.0	176.0	176.0	176.0	176.0	176.0	176.0
2.5°	176.0	176.0	176.0	176.0	176.0	176.0	176.0	176.0	176.0	176.0	176.0
5°	179.7	179.7	179.7	179.7	177.9	177.9	177.9	177.9	177.9	177.9	177.9
7.5°	183.4	183.4	183.4	183.4	181.6	181.6	181.6	181.6	181.6	181.6	181.6
10°	187.1	187.1	187.1	185.3	185.3	185.3	183.4	183.4	183.4	183.4	183.4
12.5°	190.8	190.8	189.0	187.1	187.1	187.1	185.3	185.3	185.3	187.1	187.1
15°	194.5	194.5	192.7	190.8	190.8	190.8	189.0	189.0	189.0	190.8	190.8
17.5°	203.8	203.8	202.0	200.1	200.1	200.1	198.2	196.4	198.2	200.1	200.1
20°	214.9	213.1	211.2	211.2	211.2	209.4	207.5	207.5	209.4	211.2	211.2
22.5°	224.2	226.0	226.0	227.9	227.9	224.2	222.3	218.6	224.2	226.0	227.9
25°	244.6	244.6	248.3	250.1	248.3	246.4	244.6	242.7	244.6	248.3	248.3
27.5°	276.1	276.1	272.4	274.2	272.4	268.7	272.4	270.5	268.7	268.7	268.7
30°	311.3	307.6	302.0	300.2	300.2	296.4	300.2	300.2	294.6	294.6	294.6
32.5°	346.5	342.8	337.2	331.6	333.5	329.8	331.6	333.5	324.2	326.1	324.2
35°	381.7	381.7	379.8	372.4	372.4	368.7	368.7	370.6	361.3	365.0	361.3
37.5°	429.8	429.8	428.0	420.6	416.9	416.9	413.2	413.2	405.8	409.5	409.5
40°	489.1	489.1	489.1	485.4	478.0	472.5	472.5	466.9	461.3	466.9	468.8
42.5°	565.1	568.8	567.0	567.0	559.5	554.0	548.4	541.0	539.2	548.4	550.3
45°	667.0	672.6	668.9	676.3	661.4	654.0	650.3	639.2	637.4	646.6	646.6
47.5°	793.0	793.0	785.6	796.7	776.3	768.9	765.2	746.7	754.1	759.6	754.1
50°	933.8	930.1	919.0	937.5	913.4	904.2	898.6	870.8	887.5	889.3	889.3
52.5°	1096.9	1089.4	1076.5	1098.7	1063.5	1063.5	1050.5	1024.6	1050.5	1037.6	1037.6
55°	1234.0	1219.1	1202.5	1232.1	1196.9	1183.9	1189.5	1145.0	1174.7	1158.0	1159.8
57.5°	1332.2	1304.4	1287.7	1309.9	1276.6	1276.6	1265.5	1219.1	1258.0	1230.3	1232.1
60°	1384.0	1359.9	1334.0	1365.5	1319.2	1322.9	1311.8	1276.6	1308.1	1282.1	1280.3
62.5°	1417.4	1408.1	1380.3	1408.1	1384.0	1358.1	1384.0	1328.5	1359.9	1322.9	1313.6
65°	1467.4	1421.1	1384.0	1411.8	1380.3	1398.9	1391.4	1326.6	1365.5	1337.7	1332.2
67.5°	1415.5	1389.6	1359.9	1391.4	1341.4	1352.5	1345.1	1298.8	1324.7	1300.7	1282.1
70°	1322.9	1322.9	1265.5	1293.2	1276.6	1265.5	1280.3	1221.0	1239.5	1226.5	1198.8
72.5°	1232.1	1189.5	1145.0	1169.1	1146.9	1178.4	1165.4	1111.7	1126.5	1108.0	1093.1
75°	1059.8	1035.7	1006.1	1019.0	982.0	1017.2	991.2	963.5	982.0	952.3	941.2
77.5°	854.1	857.8	817.1	826.3	806.0	813.4	813.4	780.0	793.0	778.2	761.5
80°	655.9	641.1	598.5	620.7	605.9	609.6	618.8	579.9	587.3	583.6	568.8
82.5°	441.0	429.8	405.8	415.0	398.3	403.9	405.8	379.8	381.7	381.7	365.0
85°	205.7	211.2	190.8	187.1	179.7	176.0	177.9	159.3	164.9	166.8	148.2
87.5°	25.9	25.9	22.2	20.4	16.7	14.8	11.1	9.3	9.3	7.4	5.6
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)