

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: P553729

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

Issue Date: 7/13/2021

Test Information

Test Method: LM-79-08
Report Number: P553729
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-1803-687-11-R2)
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-C
Description: LUXESCAPE OUTDOOR ARCHITECTURAL LUMINAIRE
70 CRI, 3000K LEDS AND TYPE V OPTIC, CANTILEVER MOUNT
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 4674 lumens
Efficiency: N/A
Efficacy: 114.0 lumens/watt
Luminous Opening: Circular (Dia: 1.62' x H: 0')
IES Classification: Type V - Short
BUG Rating: B3 - U0 - G2

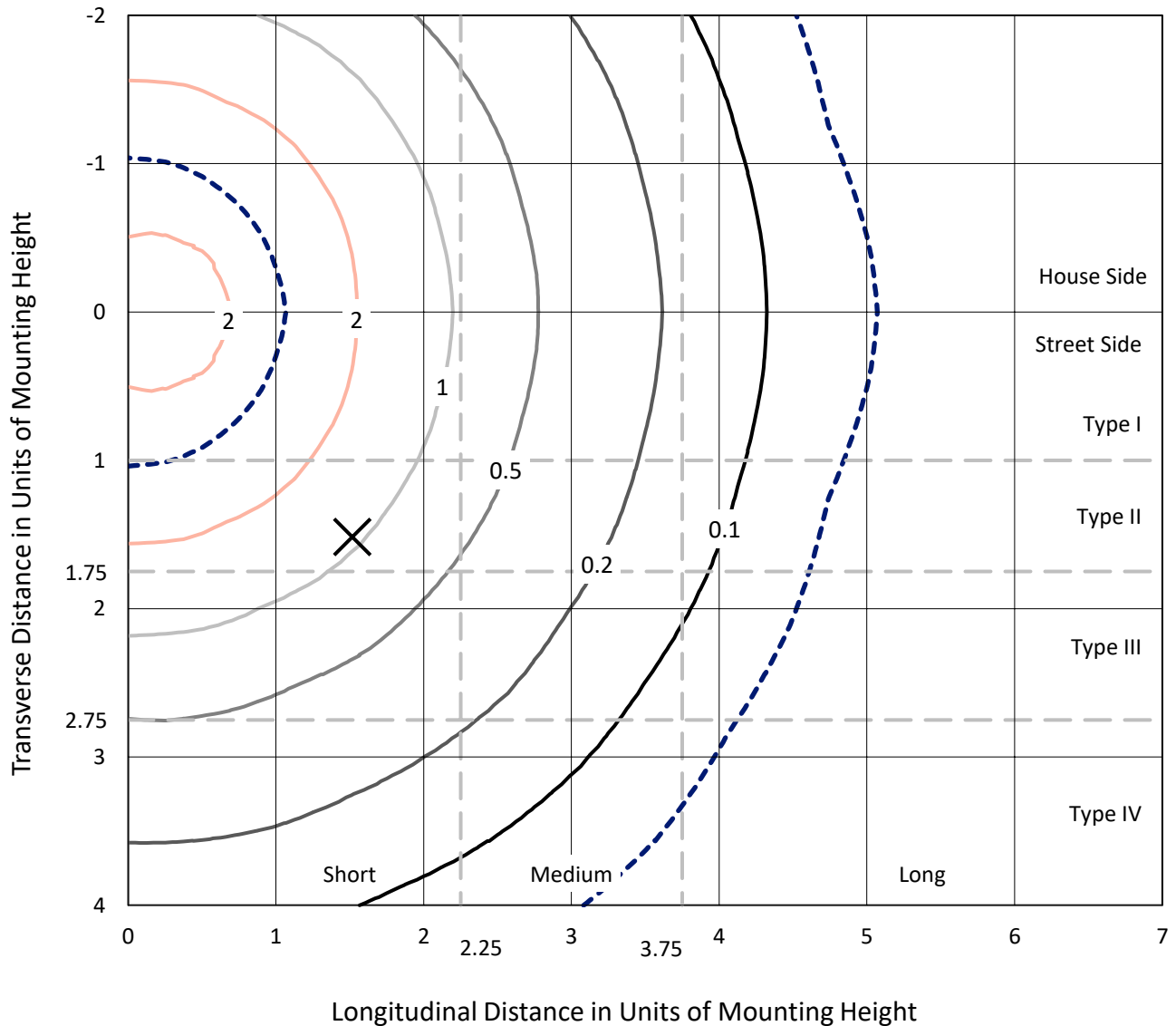
Input Watts (W): 41
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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Iso-Footcandle Lines of Horizontal Illumination

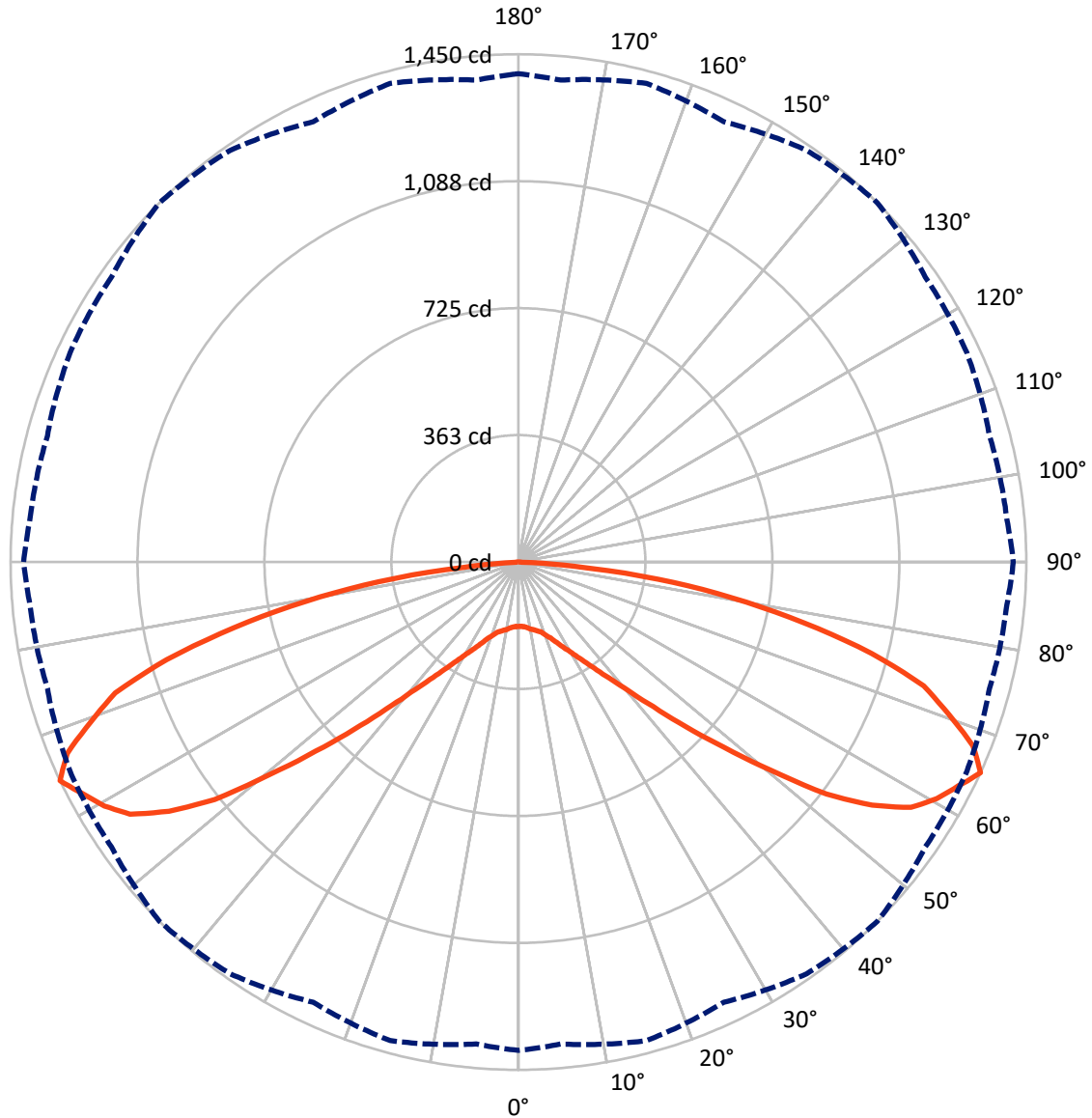
✕ Max cd
 - - - 1/2 Max cd



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

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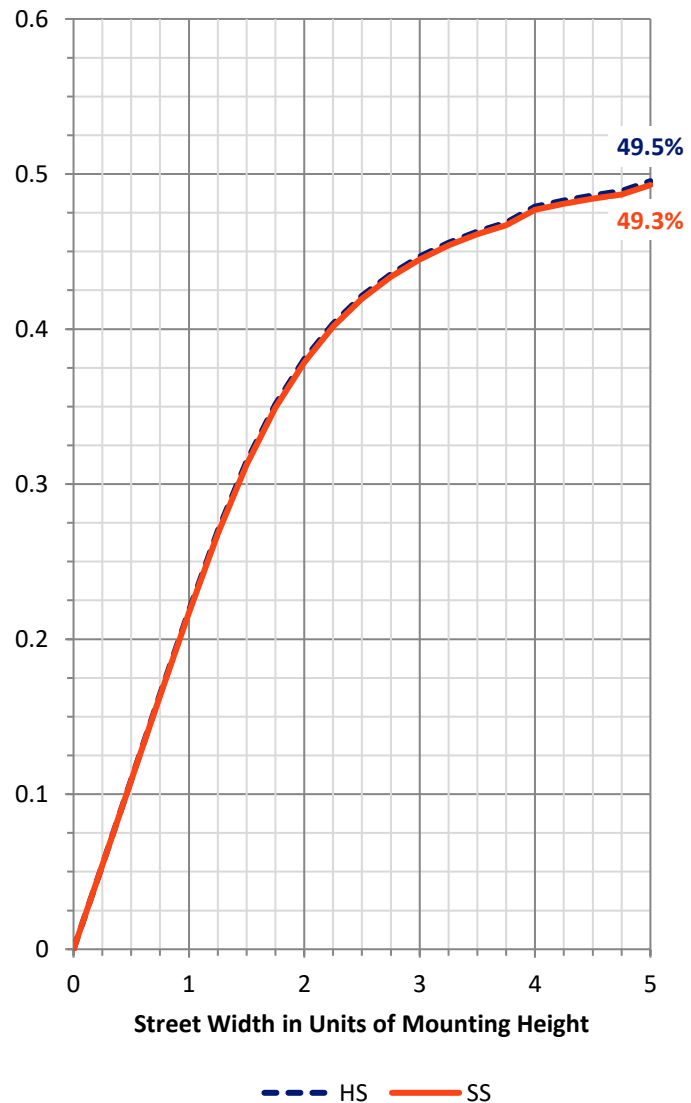
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2337.0	0.0	2337.0
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	2337.0	0.0	2337.0
	% Fixture	50.0	0.0	50.0
Total	Lumens	4674.0	0.0	4674.0
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	18.0	0.4
10°-20°	58.5	1.3
20°-30°	120.0	2.6
30°-40°	241.7	5.2
40°-50°	530.1	11.3
50°-60°	1062.9	22.7
60°-70°	1365.7	29.2
70°-80°	1041.6	22.3
80°-90°	235.5	5.0
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°	4674.0	100.0
0°-180°	4674.0	100.0



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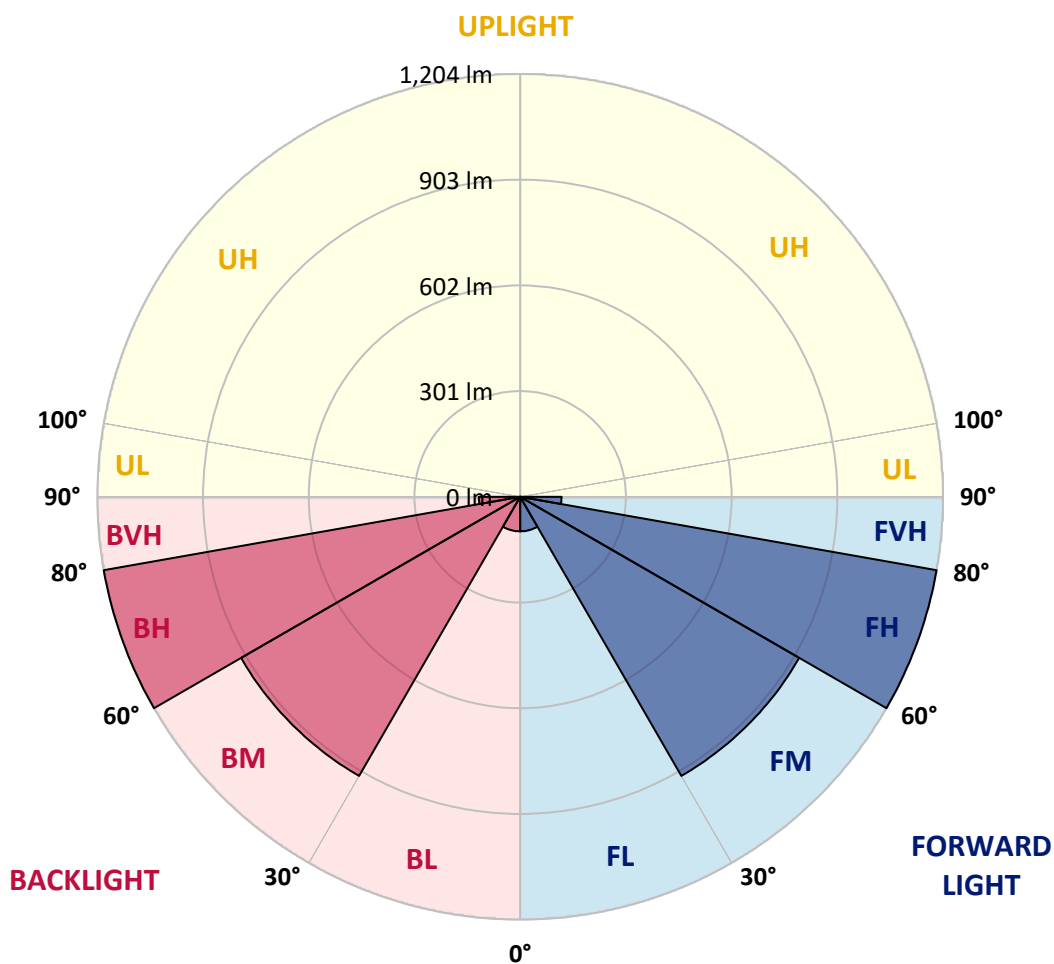
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	98.3	2.1			
FM (30°-60°)	917.3	19.6			
FH (60°-80°)	1203.6	25.8			G1/1800
FVH (80°-90°)	117.8	2.5			G2/225
BL (0°-30°)	98.3	2.1	B0/110		
BM (30°-60°)	917.3	19.6	B1/1000		
BH (60°-80°)	1203.6	25.8	B3/2500		G1/1800
BVH (80°-90°)	117.8	2.5			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°	183.8	183.8	183.8	183.8	183.8	183.8	183.8	183.8	183.8	183.8	183.8
2.5°	183.8	183.8	183.8	183.8	183.8	183.8	183.8	183.8	183.8	183.8	183.8
5°	187.5	187.5	185.7	185.7	185.7	185.7	185.7	185.7	185.7	185.7	185.7
7.5°	191.2	191.2	191.2	191.2	189.4	189.4	189.4	189.4	189.4	189.4	189.4
10°	196.8	196.8	194.9	194.9	194.9	194.9	193.1	193.1	193.1	193.1	193.1
12.5°	202.4	200.5	200.5	200.5	200.5	198.7	198.7	198.7	198.7	198.7	198.7
15°	207.9	206.1	206.1	204.2	204.2	204.2	200.5	200.5	202.4	204.2	204.2
17.5°	213.5	213.5	211.6	209.8	209.8	209.8	207.9	204.2	206.1	209.8	209.8
20°	226.5	226.5	224.6	220.9	222.8	222.8	219.1	217.2	219.1	220.9	220.9
22.5°	243.2	243.2	239.5	235.8	237.6	235.8	233.9	230.2	230.2	233.9	233.9
25°	263.6	263.6	258.1	254.3	254.3	254.3	250.6	248.8	246.9	248.8	248.8
27.5°	287.8	287.8	282.2	278.5	276.6	276.6	272.9	271.1	269.2	267.3	265.5
30°	321.2	321.2	311.9	308.2	306.3	306.3	298.9	298.9	297.0	293.3	293.3
32.5°	354.6	354.6	347.2	339.7	339.7	332.3	330.5	332.3	328.6	326.8	324.9
35°	391.7	391.7	382.4	380.6	380.6	371.3	365.7	367.6	367.6	365.7	363.9
37.5°	438.1	438.1	425.1	425.1	427.0	419.6	412.2	414.0	417.7	414.0	410.3
40°	495.7	497.6	482.7	486.4	488.3	480.8	473.4	471.6	479.0	471.6	464.1
42.5°	575.5	577.4	562.5	564.4	568.1	564.4	558.8	555.1	564.4	549.5	542.1
45°	672.1	677.6	666.5	666.5	670.2	670.2	666.5	664.6	666.5	646.1	638.7
47.5°	790.9	796.5	781.6	783.5	792.7	790.9	790.9	789.0	781.6	763.0	748.2
50°	920.8	926.4	915.3	917.1	930.1	933.8	928.3	922.7	915.3	896.7	885.6
52.5°	1078.7	1080.5	1082.4	1073.1	1087.9	1100.9	1086.1	1087.9	1076.8	1056.4	1041.5
55°	1201.2	1204.9	1212.3	1201.2	1227.2	1225.3	1227.2	1219.8	1199.3	1184.5	1177.1
57.5°	1284.7	1281.0	1305.2	1282.9	1314.4	1321.9	1303.3	1301.4	1284.7	1269.9	1268.0
60°	1329.3	1333.0	1359.0	1336.7	1360.8	1372.0	1351.6	1360.8	1334.9	1329.3	1333.0
62.5°	1353.4	1373.8	1409.1	1381.3	1435.1	1409.1	1420.3	1414.7	1388.7	1379.4	1381.3
65°	1394.3	1381.3	1414.7	1386.8	1435.1	1450.0	1418.4	1412.8	1392.4	1399.8	1412.8
67.5°	1336.7	1346.0	1388.7	1368.3	1396.1	1399.8	1370.1	1379.4	1351.6	1366.4	1370.1
70°	1240.2	1277.3	1288.4	1269.9	1327.4	1303.3	1299.6	1294.0	1264.3	1292.2	1290.3
72.5°	1149.2	1147.3	1162.2	1147.3	1191.9	1210.5	1178.9	1175.2	1149.2	1169.6	1182.6
75°	982.1	997.0	1021.1	1002.5	1017.4	1041.5	1000.7	1015.5	1000.7	1011.8	1026.7
77.5°	783.5	813.2	820.6	803.9	833.6	833.6	811.3	813.2	805.7	829.9	829.9
80°	596.0	603.4	599.7	592.2	621.9	618.2	608.9	605.2	592.2	620.1	631.2
82.5°	389.9	389.9	389.9	380.6	399.2	402.9	395.4	395.4	382.4	404.7	414.0
85°	167.1	168.9	165.2	141.1	163.4	159.7	165.2	159.7	159.7	178.2	172.7
87.5°	9.3	9.3	9.3	7.4	7.4	7.4	7.4	7.4	7.4	5.6	3.7
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)