

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: P553752

Luminaire Tested: **LXS-VA2-830-U-SYM-A**

Issue Date: 7/13/2021

Test Information

Test Method: LM-79-08
Report Number: P553752
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-1803-687-4)
Test Lab: INNOVATION CENTER
Issue Date: 7/13/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: LXS-VA2-830-U-SYM-A
Description: LUXESCAPE OUTDOOR ARCHITECTURAL LUMINAIRE
80 CRI, 3000K LEDS AND TYPE V OPTIC, ARM MOUNT
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 4472.9 lumens
Efficiency: N/A
Efficacy: 109.1 lumens/watt
Luminous Opening: Circular (Dia: 1.62' x H: 0')
IES Classification: Type V - Short
BUG Rating: B3 - U0 - G2

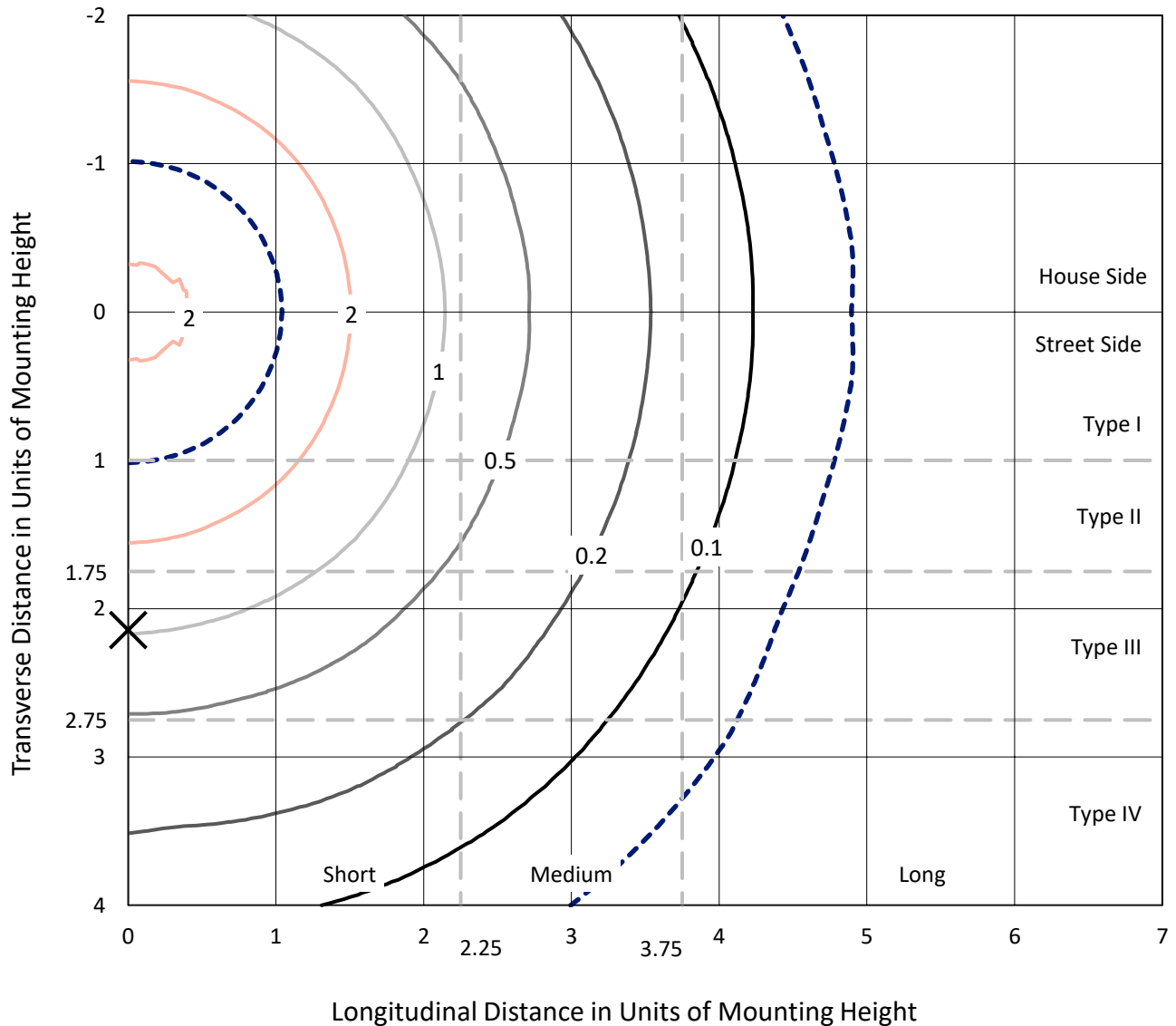
Input Watts (W): 41
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



REPORT NUMBER: P553752
 CATALOG NUMBER: LXS-VA2-830-U-SYM-A

Iso-Footcandle Lines of Horizontal Illumination

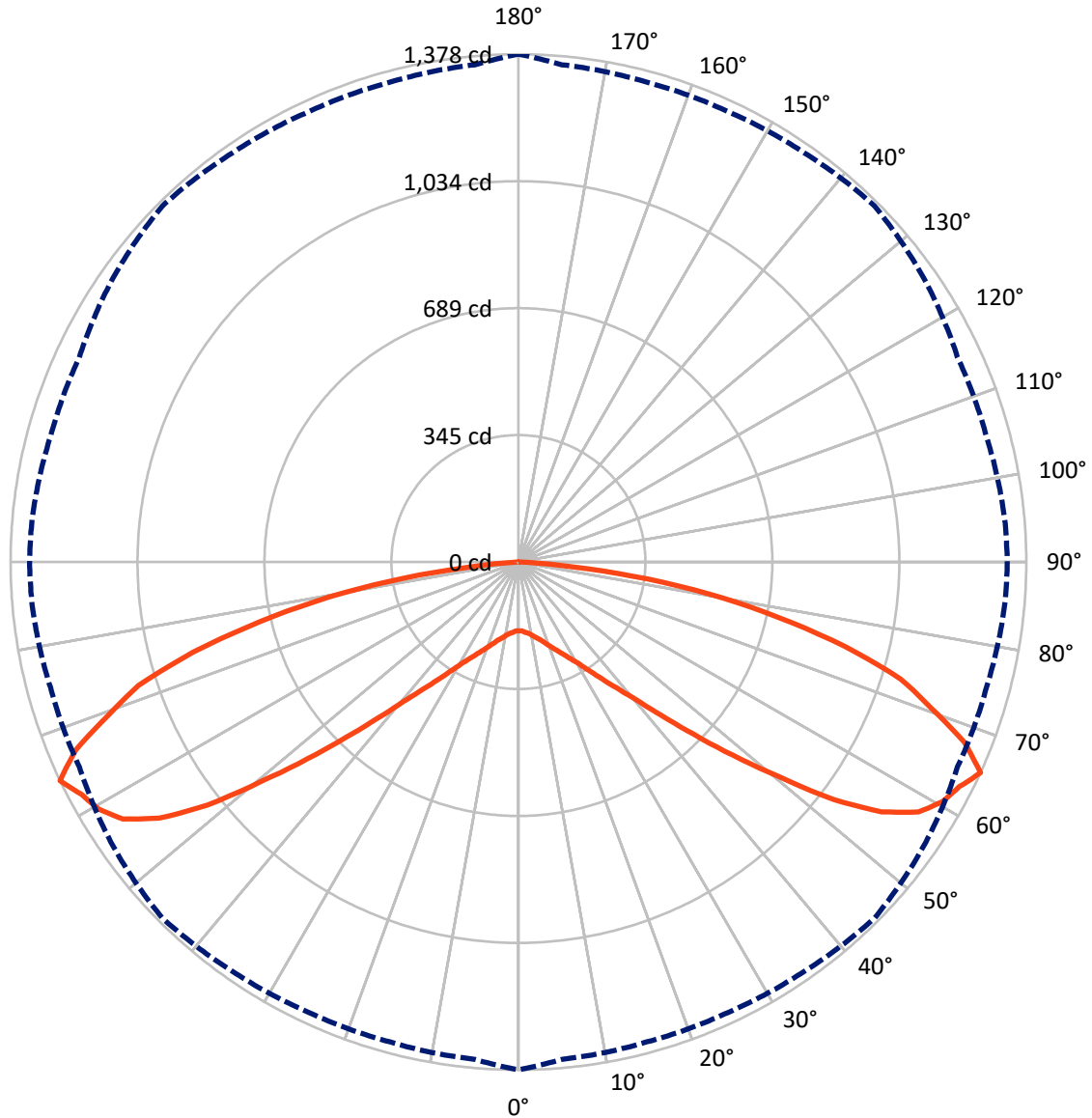
× Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 2.4 fc
 Type V - Short - N/A

REPORT NUMBER: P553752
CATALOG NUMBER: LXS-VA2-830-U-SYM-A

Luminous Intensity Polar Plot



— Vertical Plane Through 0-Deg Lateral - - - Horizontal Cone Through 65-Deg Vertical

REPORT NUMBER: P553752

CATALOG NUMBER: LXS-VA2-830-U-SYM-A

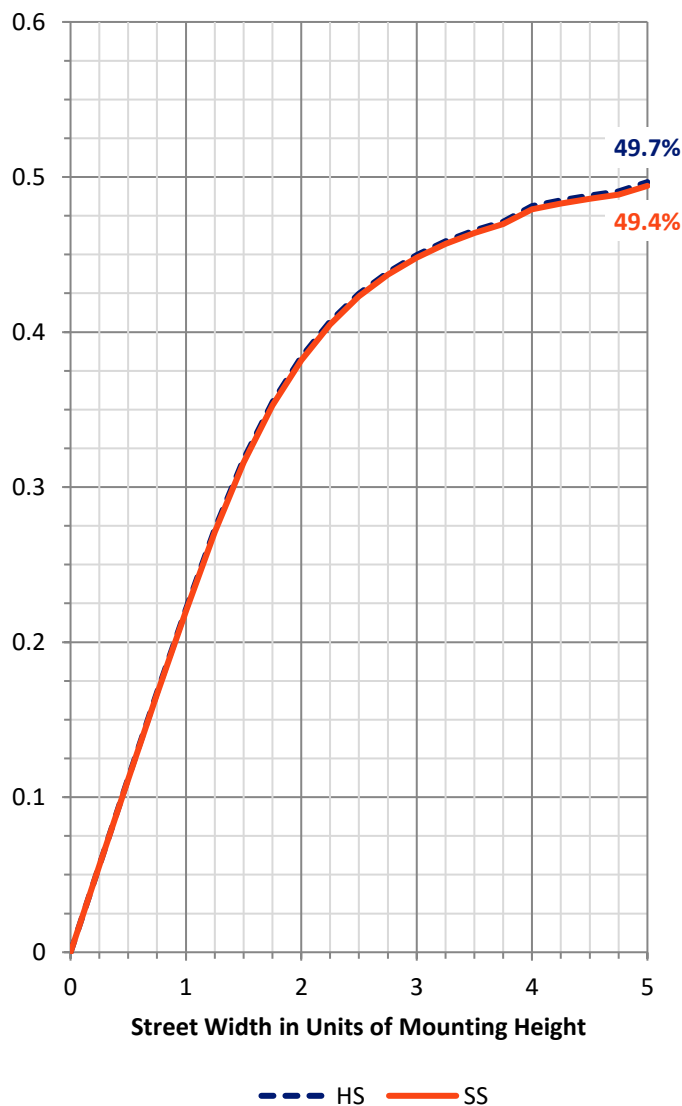
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2236.5	0.0	2236.5
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	2236.5	0.0	2236.5
	% Fixture	50.0	0.0	50.0
Total	Lumens	4472.9	0.0	4472.9
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	18.5	0.4
10°-20°	62.6	1.4
20°-30°	127.7	2.9
30°-40°	243.9	5.5
40°-50°	518.4	11.6
50°-60°	1022.2	22.9
60°-70°	1298.4	29.0
70°-80°	973.6	21.8
80°-90°	207.7	4.6
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°	4472.9	100.0
0°-180°	4472.9	100.0

Coefficient of Utilization



REPORT NUMBER: P553752

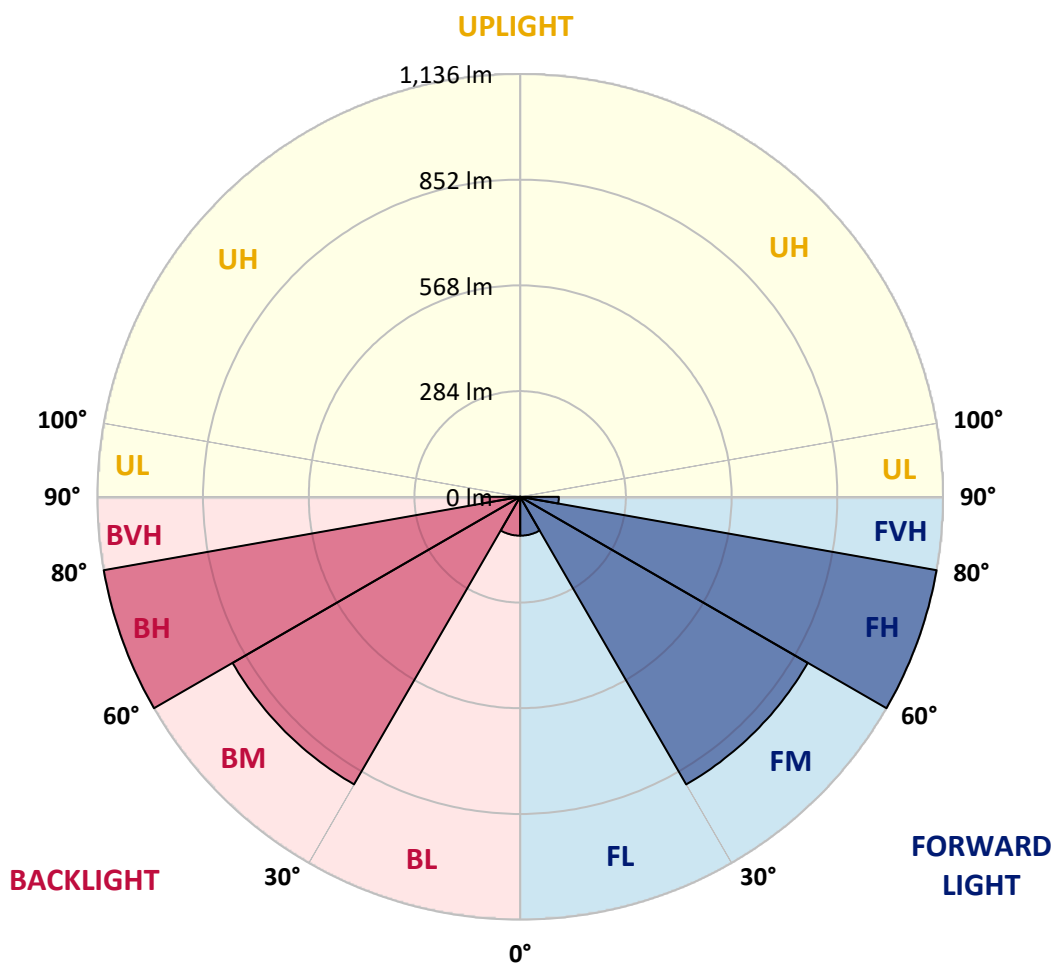
CATALOG NUMBER: LXS-VA2-830-U-SYM-A

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	104.4	2.3			
FM (30°-60°)	892.2	19.9			
FH (60°-80°)	1136.0	25.4			G1/1800
FVH (80°-90°)	103.8	2.3			G2/225
BL (0°-30°)	104.4	2.3	B0/110		
BM (30°-60°)	892.2	19.9	B1/1000		
BH (60°-80°)	1136.0	25.4	B3/2500		G1/1800
BVH (80°-90°)	103.8	2.3			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





REPORT NUMBER: P553752
 CATALOG NUMBER: LXS-VA2-830-U-SYM-A

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	186.7	186.7	186.7	186.7	186.7	186.7	186.7	186.7	186.7	186.7	186.7
2.5°	186.7	186.7	186.7	186.7	186.7	186.7	186.7	186.7	186.7	186.7	186.7
5°	191.7	190.0	190.0	190.0	190.0	190.0	190.0	190.0	190.0	190.0	190.0
7.5°	195.0	195.0	195.0	195.0	195.0	195.0	195.0	195.0	195.0	195.0	195.0
10°	201.7	201.7	201.7	201.7	201.7	201.7	200.0	200.0	200.0	200.0	200.0
12.5°	210.0	210.0	210.0	208.3	208.3	208.3	208.3	208.3	208.3	208.3	208.3
15°	218.3	218.3	218.3	218.3	218.3	216.7	216.7	216.7	216.7	216.7	216.7
17.5°	230.0	230.0	230.0	228.3	228.3	228.3	228.3	226.7	228.3	228.3	228.3
20°	243.3	243.3	241.7	241.7	241.7	241.7	240.0	240.0	240.0	240.0	240.0
22.5°	258.3	258.3	256.7	256.7	256.7	255.0	255.0	253.3	253.3	253.3	253.3
25°	275.0	275.0	273.3	273.3	273.3	271.7	270.0	270.0	270.0	270.0	270.0
27.5°	295.0	295.0	293.3	293.3	291.7	290.0	288.3	288.3	288.3	288.3	288.3
30°	318.3	318.3	318.3	316.7	315.0	313.3	311.7	310.0	310.0	310.0	310.0
32.5°	350.0	348.3	348.3	345.0	345.0	341.7	340.0	338.3	338.3	338.3	336.7
35°	388.3	386.7	385.0	385.0	381.7	378.3	375.0	373.3	371.7	371.7	371.7
37.5°	433.3	433.3	430.0	426.7	425.0	421.7	418.3	416.7	415.0	415.0	411.7
40°	490.0	490.0	488.3	485.0	480.0	476.7	476.7	473.3	471.7	470.0	468.3
42.5°	568.3	566.7	563.3	560.0	558.3	550.0	548.3	545.0	543.3	543.3	540.0
45°	666.7	668.3	665.0	658.3	656.7	653.3	645.0	645.0	640.0	636.7	638.3
47.5°	783.3	785.0	780.0	773.3	766.7	756.7	760.0	753.3	751.7	748.3	743.3
50°	915.0	913.3	908.3	901.7	900.0	890.0	886.7	881.7	878.3	881.7	875.0
52.5°	1071.7	1071.7	1065.0	1050.0	1041.7	1041.7	1033.3	1028.3	1023.3	1023.3	1018.3
55°	1196.7	1195.0	1186.7	1180.0	1173.3	1160.0	1161.7	1150.0	1140.0	1141.7	1148.3
57.5°	1280.0	1273.3	1268.3	1253.3	1251.7	1250.0	1231.7	1220.0	1220.0	1215.0	1220.0
60°	1321.7	1323.3	1313.3	1303.3	1293.3	1295.0	1275.0	1271.7	1265.0	1266.7	1271.7
62.5°	1343.3	1356.7	1355.0	1345.0	1360.0	1328.3	1341.7	1320.0	1311.7	1310.0	1306.7
65°	1378.4	1355.0	1348.4	1348.4	1355.0	1366.7	1343.3	1315.0	1315.0	1325.0	1326.7
67.5°	1305.0	1303.3	1311.7	1330.0	1318.3	1318.3	1296.7	1283.3	1276.7	1288.3	1281.7
70°	1188.3	1198.3	1200.0	1231.7	1255.0	1230.0	1233.3	1201.7	1193.3	1211.7	1198.3
72.5°	1085.0	1041.7	1073.3	1113.3	1128.3	1145.0	1118.3	1093.3	1085.0	1095.0	1098.3
75°	916.7	886.7	930.0	965.0	965.0	983.3	951.7	945.0	943.3	940.0	943.3
77.5°	720.0	701.7	730.0	761.7	788.3	781.7	773.3	756.7	760.0	768.3	761.7
80°	525.0	496.7	515.0	546.7	576.7	580.0	583.3	560.0	556.7	570.0	568.3
82.5°	311.7	296.7	311.7	338.3	365.0	371.7	371.7	363.3	356.7	368.3	373.3
85°	106.7	118.3	110.0	118.3	138.3	143.3	148.3	143.3	148.3	156.7	146.7
87.5°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
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)