

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: P553717

Luminaire Tested: **LXS-VA1-830-U-SYM-C**

Issue Date: 7/13/2021

Test Information

Test Method: LM-79-08
Report Number: P553717
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-VA1-830-U-SYM-C
Description: LUXESCAPE OUTDOOR ARCHITECTURAL LUMINAIRE
80 CRI, 3000K LEDS AND TYPE V OPTIC, CANTILEVER MOUNT
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 2113 lumens
Efficiency: N/A
Efficacy: 100.6 lumens/watt
Luminous Opening: Circular (Dia: 1.62' x H: 0')
IES Classification: Type V - Short
BUG Rating: B2 - U0 - G1

Input Watts (W): 21
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



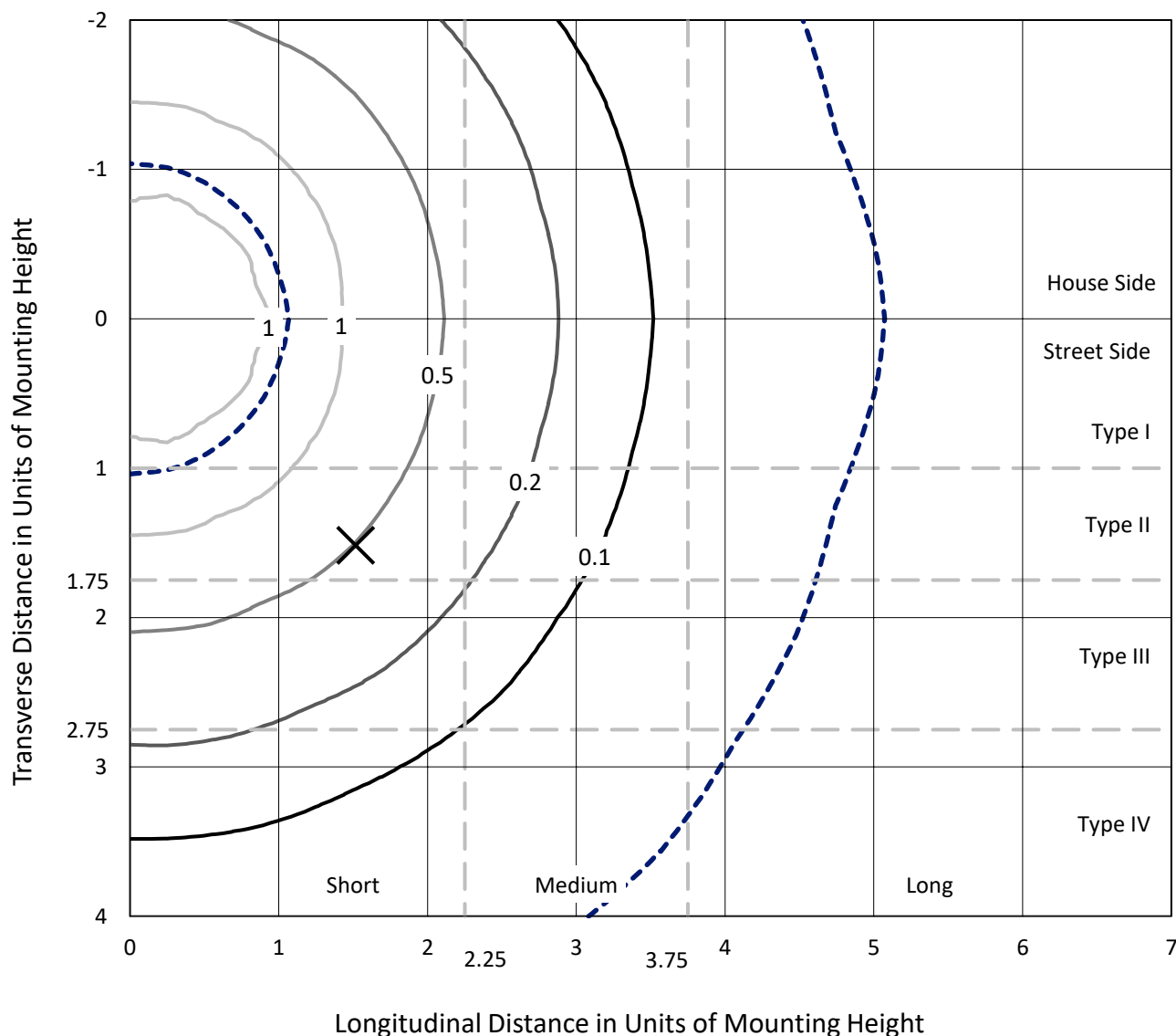
REPORT NUMBER: P553717

CATALOG NUMBER: LXS-VA1-830-U-SYM-C

Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd



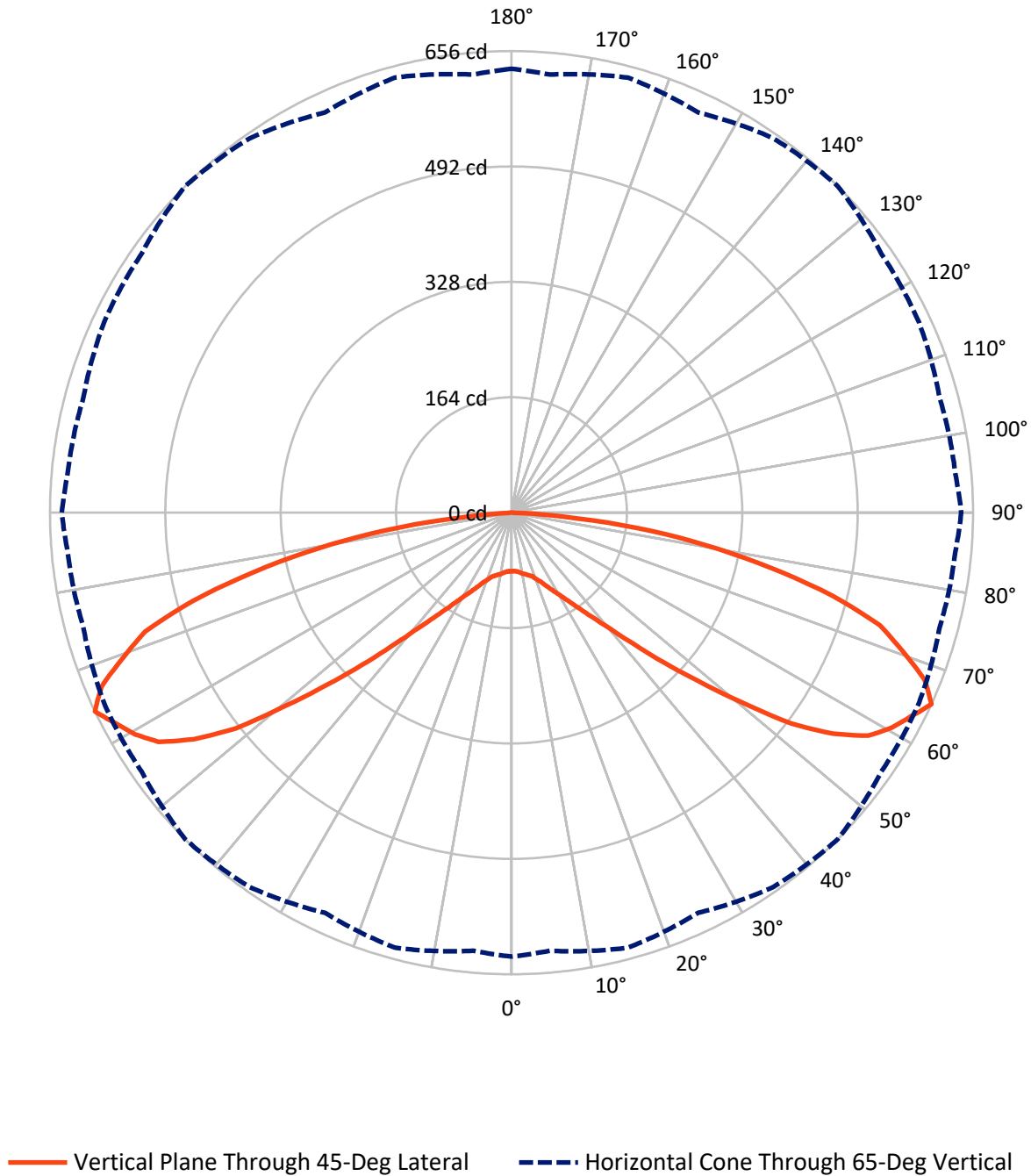
Based on 10 foot mounting height. Maximum calculated value = 1.1 fc

Type V - Short - N/A

REPORT NUMBER: P553717

CATALOG NUMBER: LXS-VA1-830-U-SYM-C

Luminous Intensity Polar Plot



REPORT NUMBER: P553717

CATALOG NUMBER: LXS-VA1-830-U-SYM-C

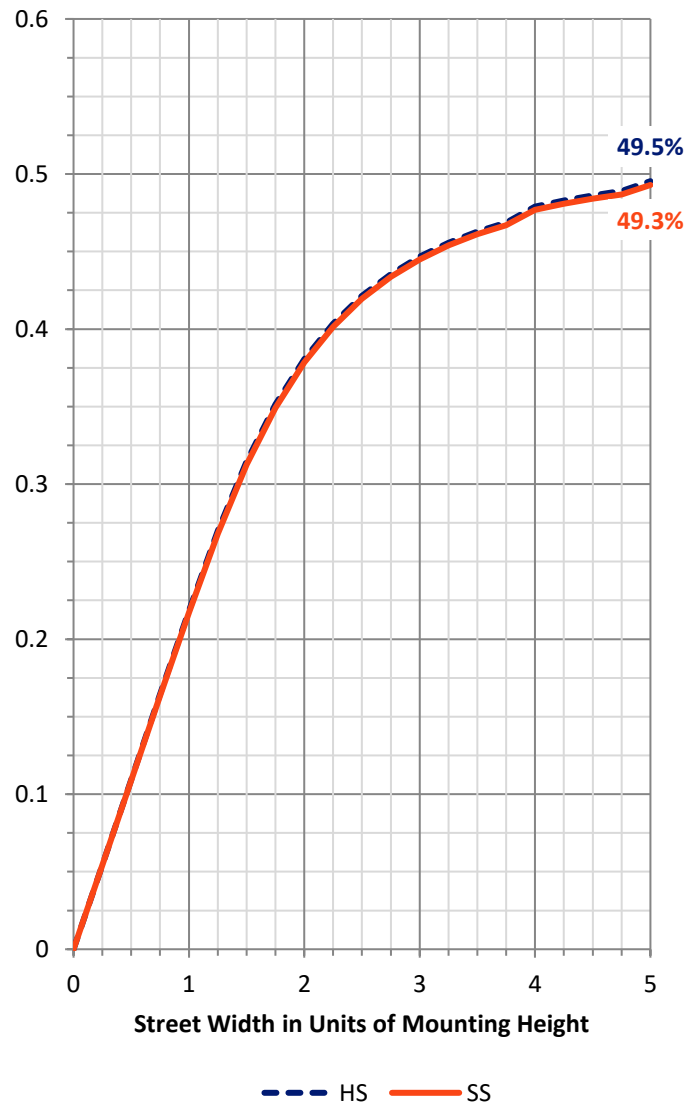
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1056.5	0.0	1056.5
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	1056.5	0.0	1056.5
	% Fixture	50.0	0.0	50.0
Total	Lumens	2113.0	0.0	2113.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	8.2	0.4
10°-20°	26.4	1.3
20°-30°	54.3	2.6
30°-40°	109.3	5.2
40°-50°	239.6	11.3
50°-60°	480.5	22.7
60°-70°	617.4	29.2
70°-80°	470.9	22.3
80°-90°	106.5	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°	2113.0	100.0
0°-180°	2113.0	100.0

Coefficient of Utilization



REPORT NUMBER: P553717

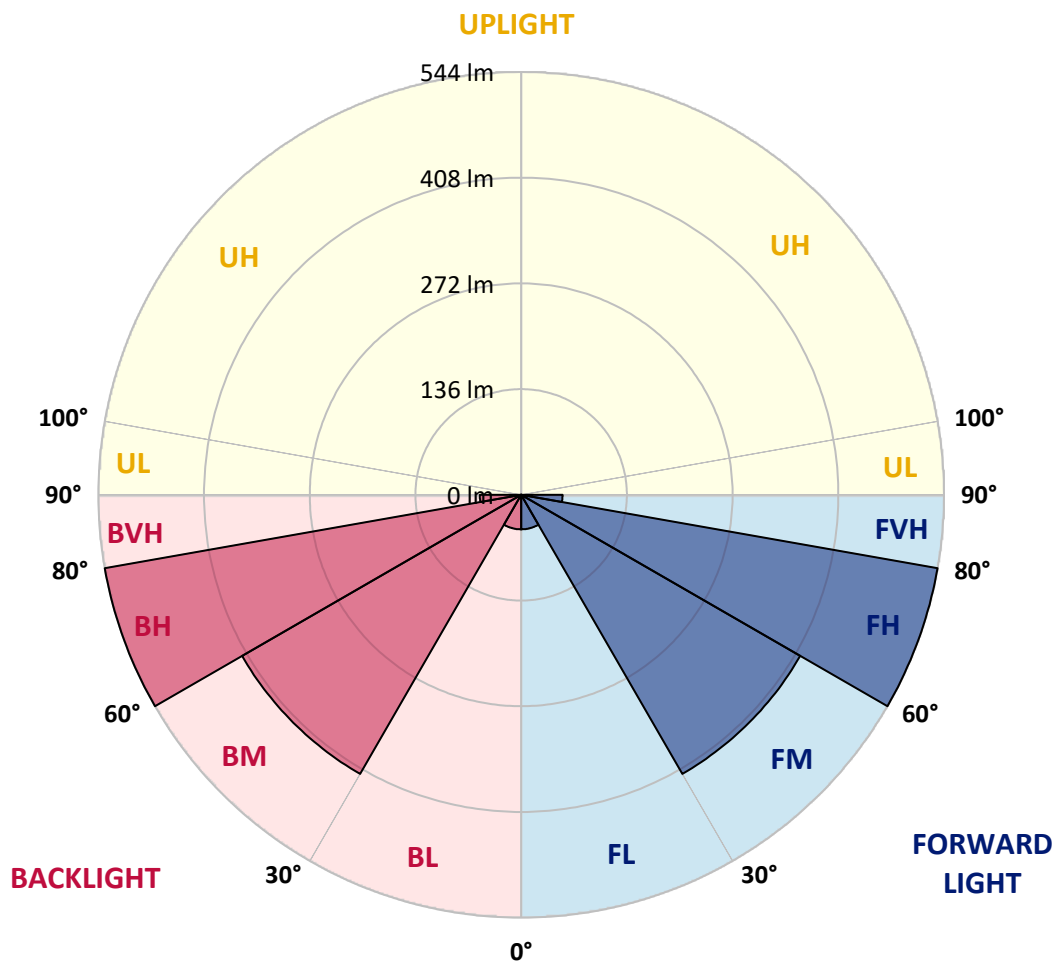
CATALOG NUMBER: LXS-VA1-830-U-SYM-C

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	44.4	2.1			
FM	(30°-60°)	414.7	19.6			
FH	(60°-80°)	544.1	25.8			G0/660
FVH	(80°-90°)	53.2	2.5			G1/100
BL	(0°-30°)	44.4	2.1	B0/110		
BM	(30°-60°)	414.7	19.6	B1/1000		
BH	(60°-80°)	544.1	25.8	B2/1000		G0/660
BVH	(80°-90°)	53.2	2.5			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G1

Type V Short



REPORT NUMBER: P553717

CATALOG NUMBER: LXS-VA1-830-U-SYM-C

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
2.5°	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
5°	84.8	84.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
7.5°	86.4	86.4	86.4	86.4	85.6	85.6	85.6	85.6	85.6	85.6	85.6
10°	89.0	89.0	88.1	88.1	88.1	88.1	87.3	87.3	87.3	87.3	87.3
12.5°	91.5	90.6	90.6	90.6	90.6	89.8	89.8	89.8	89.8	89.8	89.8
15°	94.0	93.2	93.2	92.3	92.3	92.3	90.6	90.6	91.5	92.3	92.3
17.5°	96.5	96.5	95.7	94.8	94.8	94.8	94.0	92.3	93.2	94.8	94.8
20°	102.4	102.4	101.6	99.9	100.7	100.7	99.0	98.2	99.0	99.9	99.9
22.5°	109.9	109.9	108.3	106.6	107.4	106.6	105.8	104.1	104.1	105.8	105.8
25°	119.2	119.2	116.7	115.0	115.0	115.0	113.3	112.5	111.6	112.5	112.5
27.5°	130.1	130.1	127.6	125.9	125.1	125.1	123.4	122.5	121.7	120.9	120.0
30°	145.2	145.2	141.0	139.3	138.5	136.0	135.1	135.1	134.3	132.6	132.6
32.5°	160.3	160.3	156.9	153.6	153.6	150.2	149.4	150.2	148.6	147.7	146.9
35°	177.1	177.1	172.9	172.1	172.1	167.9	165.3	166.2	166.2	165.3	164.5
37.5°	198.1	198.1	192.2	192.2	193.0	189.7	186.3	187.2	188.8	187.2	185.5
40°	224.1	224.9	218.2	219.9	220.7	217.4	214.0	213.2	216.5	213.2	209.8
42.5°	260.2	261.0	254.3	255.1	256.8	255.1	252.6	251.0	255.1	248.4	245.1
45°	303.8	306.3	301.3	301.3	303.0	303.0	301.3	300.5	301.3	292.1	288.7
47.5°	357.5	360.1	353.3	354.2	358.4	357.5	357.5	356.7	353.3	345.0	338.2
50°	416.3	418.8	413.8	414.6	420.5	422.2	419.6	417.1	413.8	405.4	400.3
52.5°	487.6	488.5	489.3	485.1	491.8	497.7	491.0	491.8	486.8	477.6	470.8
55°	543.0	544.7	548.1	543.0	554.8	553.9	554.8	551.4	542.2	535.5	532.1
57.5°	580.8	579.1	590.0	580.0	594.2	597.6	589.2	588.3	580.8	574.1	573.2
60°	600.9	602.6	614.4	604.3	615.2	620.2	611.0	615.2	603.5	600.9	602.6
62.5°	611.8	621.1	637.0	624.4	648.8	637.0	642.1	639.5	627.8	623.6	624.4
65°	630.3	624.4	639.5	627.0	648.8	655.5	641.2	638.7	629.5	632.8	638.7
67.5°	604.3	608.5	627.8	618.6	631.2	632.8	619.4	623.6	611.0	617.7	619.4
70°	560.7	577.4	582.5	574.1	600.1	589.2	587.5	585.0	571.6	584.2	583.3
72.5°	519.5	518.7	525.4	518.7	538.8	547.2	533.0	531.3	519.5	528.8	534.6
75°	444.0	450.7	461.6	453.2	459.9	470.8	452.4	459.1	452.4	457.4	464.1
77.5°	354.2	367.6	371.0	363.4	376.8	376.8	366.8	367.6	364.3	375.2	375.2
80°	269.4	272.8	271.1	267.7	281.2	279.5	275.3	273.6	267.7	280.3	285.4
82.5°	176.3	176.3	176.3	172.1	180.4	182.1	178.8	178.8	172.9	183.0	187.2
85°	75.5	76.4	74.7	63.8	73.9	72.2	74.7	72.2	72.2	80.6	78.1
87.5°	4.2	4.2	4.2	3.4	3.4	3.4	3.4	3.4	3.4	2.5	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)