

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: P553778

Luminaire Tested: **LXS-VA3-740-U-SYM-S**

Issue Date: 7/13/2021

Test Information

Test Method: LM-79-08
Report Number: P553778
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-VA3-740-U-SYM-S
Description: LUXESCAPE OUTDOOR ARCHITECTURAL LUMINAIRE
70 CRI, 4000K LEDS AND TYPE V OPTIC, SPIDER MOUNT
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 9131 lumens
Efficiency: N/A
Efficacy: 106.2 lumens/watt
Luminous Opening: Circular (Dia: 1.62' x H: 0')
IES Classification: Type V - Short
BUG Rating: B3 - U0 - G3

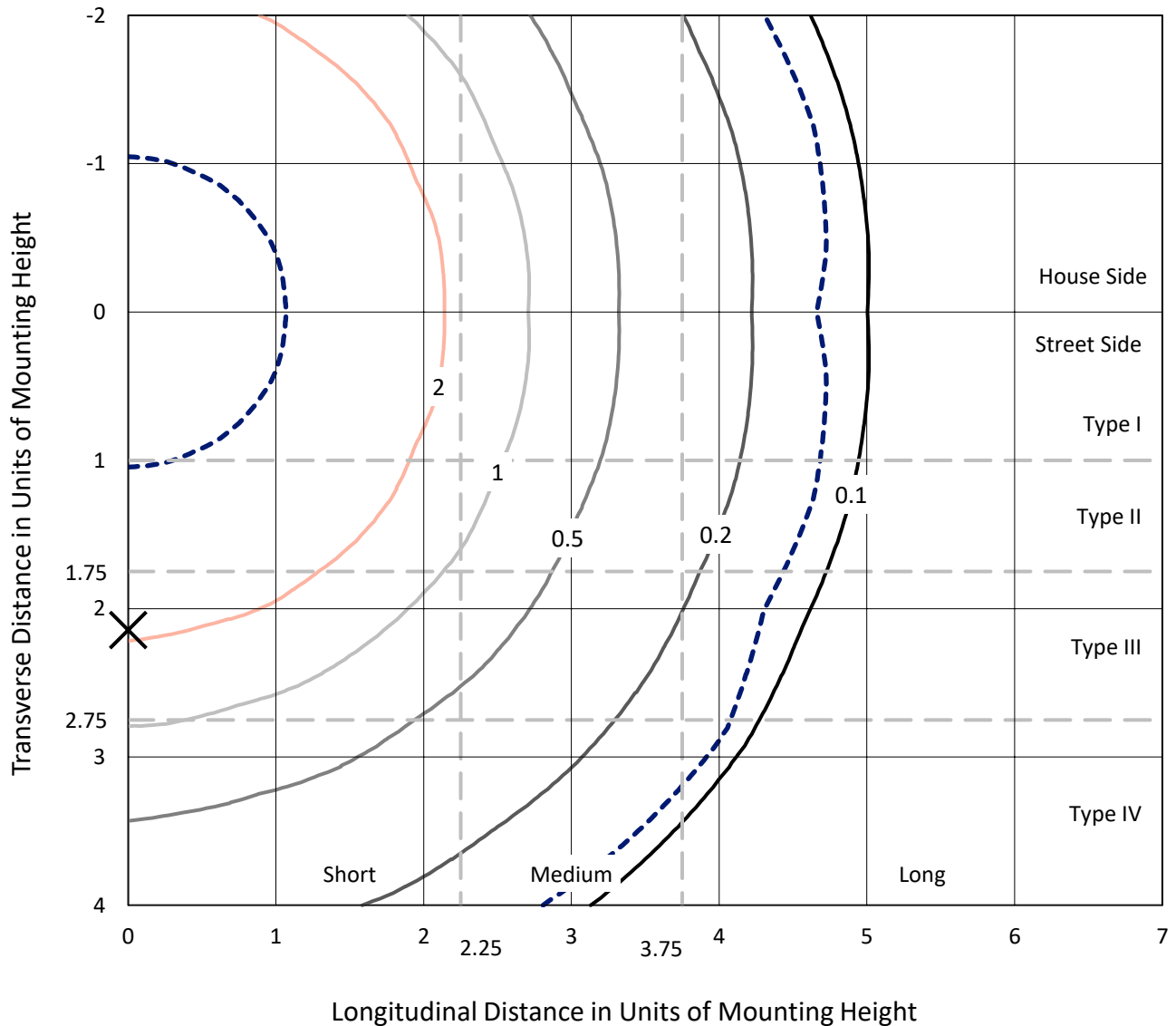
Input Watts (W): 86
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



REPORT NUMBER: P553778
 CATALOG NUMBER: LXS-VA3-740-U-SYM-S

Iso-Footcandle Lines of Horizontal Illumination

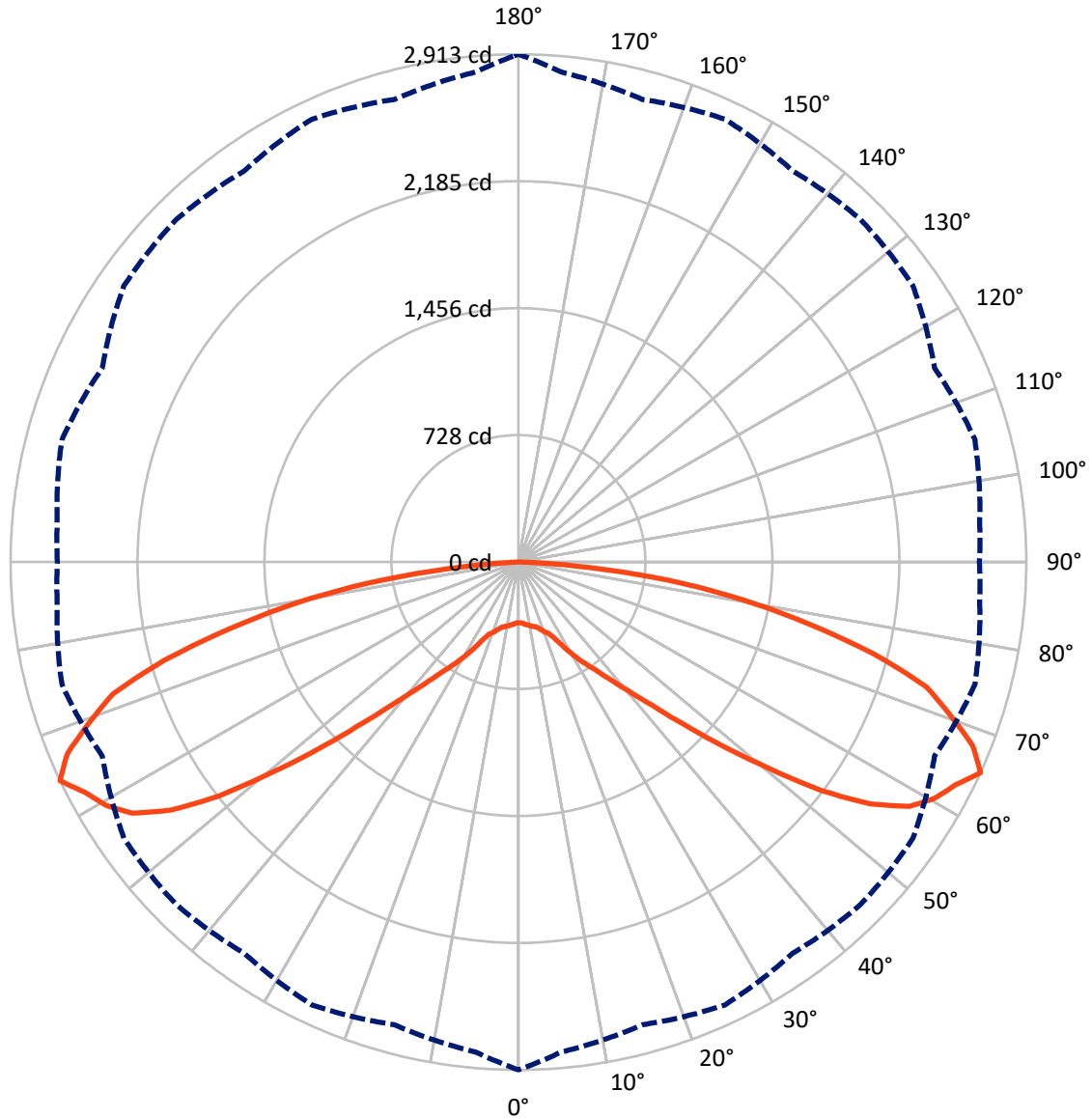
× Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 4.9 fc
 Type V - Short - N/A

REPORT NUMBER: P553778
CATALOG NUMBER: LXS-VA3-740-U-SYM-S

Luminous Intensity Polar Plot



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

REPORT NUMBER: P553778

CATALOG NUMBER: LXS-VA3-740-U-SYM-S

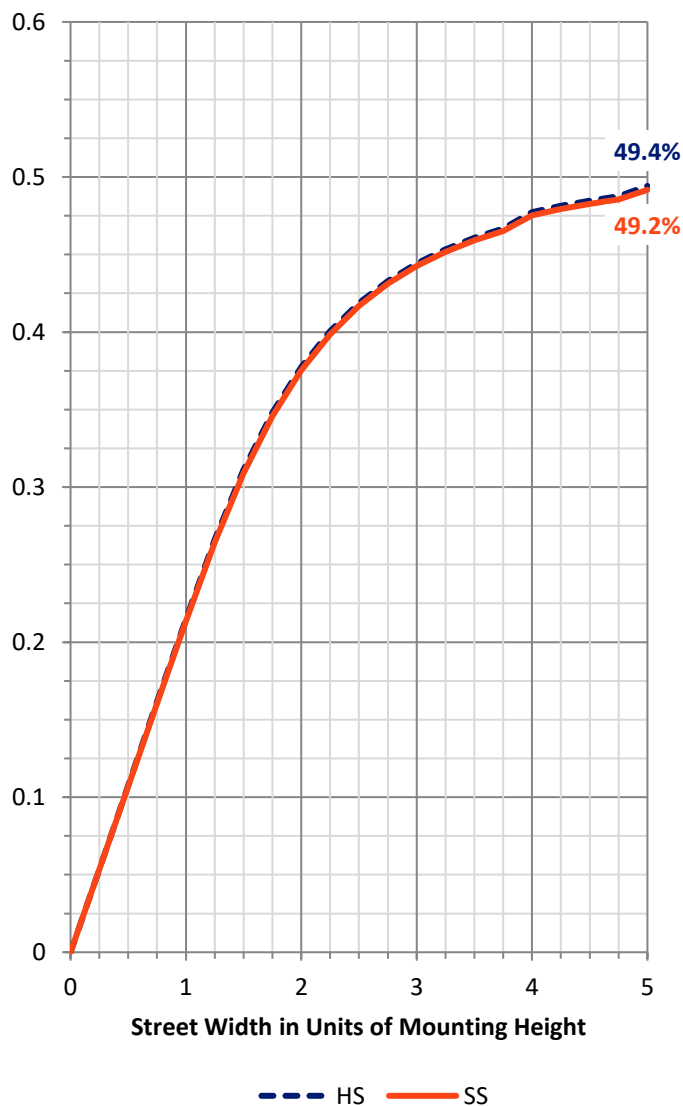
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	4565.5	0.0	4565.5
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	4565.5	0.0	4565.5
	% Fixture	50.0	0.0	50.0
Total	Lumens	9131.0	0.0	9131.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	34.3	0.4
10°-20°	109.8	1.2
20°-30°	231.6	2.5
30°-40°	474.4	5.2
40°-50°	1036.4	11.4
50°-60°	2070.8	22.7
60°-70°	2654.0	29.1
70°-80°	2036.2	22.3
80°-90°	483.5	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°	9131.0	100.0
0°-180°	9131.0	100.0

Coefficient of Utilization



REPORT NUMBER: P553778

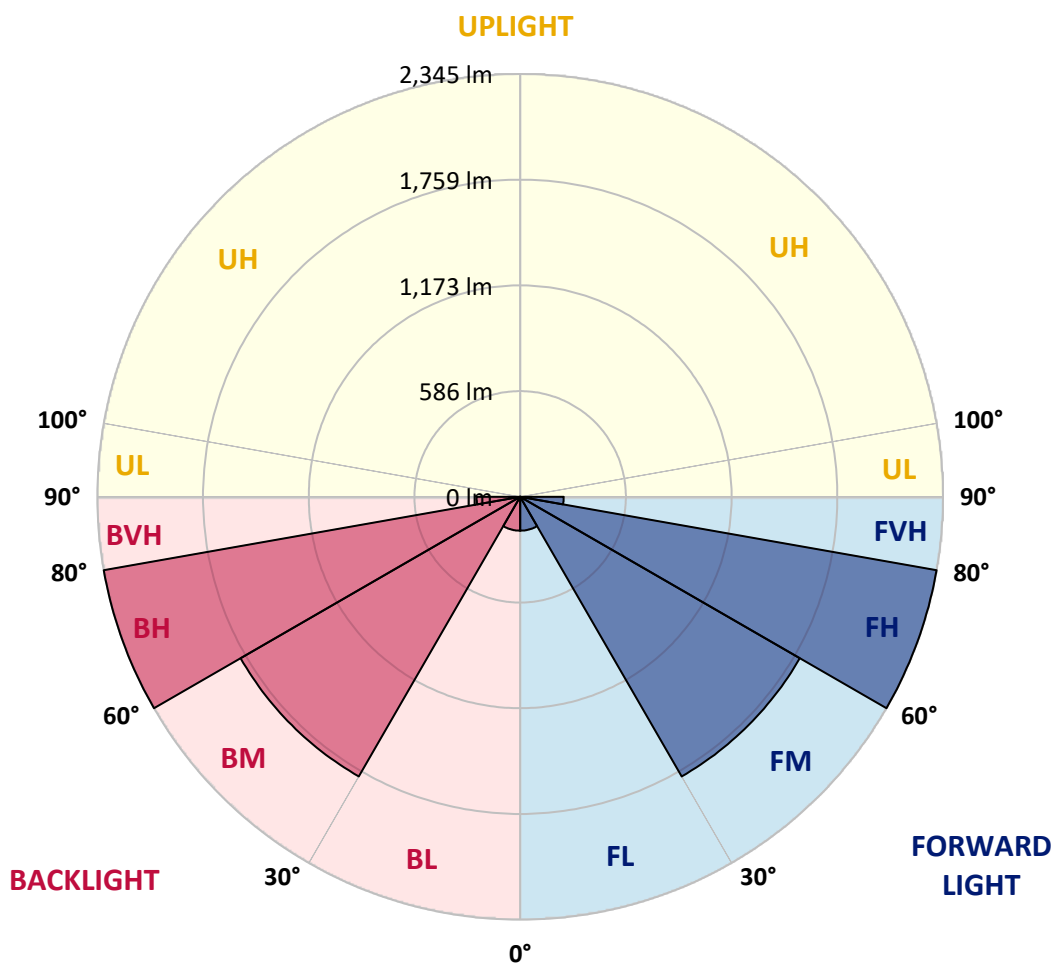
CATALOG NUMBER: LXS-VA3-740-U-SYM-S

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	187.8	2.1			
FM (30°-60°)	1790.8	19.6			
FH (60°-80°)	2345.1	25.7			G2/5000
FVH (80°-90°)	241.8	2.6			G3/500
BL (0°-30°)	187.8	2.1	B1/500		
BM (30°-60°)	1790.8	19.6	B2/2500		
BH (60°-80°)	2345.1	25.7	B3/2500		G2/5000
BVH (80°-90°)	241.8	2.6			G3/500
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G3

Type V Short





REPORT NUMBER: P553778

CATALOG NUMBER: LXS-VA3-740-U-SYM-S

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	349.4	349.4	349.4	349.4	349.4	349.4	349.4	349.4	349.4	349.4	349.4
2.5°	349.4	349.4	349.4	349.4	349.4	349.4	349.4	349.4	349.4	349.4	349.4
5°	356.7	356.7	356.7	356.7	353.1	353.1	353.1	353.1	353.1	353.1	353.1
7.5°	364.1	364.1	364.1	364.1	360.4	360.4	360.4	360.4	360.4	360.4	360.4
10°	371.5	371.5	371.5	367.8	367.8	367.8	364.1	364.1	364.1	364.1	364.1
12.5°	378.8	378.8	375.1	371.5	371.5	371.5	367.8	367.8	367.8	371.5	371.5
15°	386.2	386.2	382.5	378.8	378.8	378.8	375.1	375.1	375.1	378.8	378.8
17.5°	404.6	404.6	400.9	397.2	397.2	397.2	393.5	389.8	393.5	397.2	397.2
20°	426.6	422.9	419.3	419.3	419.3	415.6	411.9	411.9	415.6	419.3	419.3
22.5°	445.0	448.7	448.7	452.4	452.4	445.0	441.3	434.0	445.0	448.7	452.4
25°	485.5	485.5	492.8	496.5	492.8	489.1	485.5	481.8	485.5	492.8	492.8
27.5°	548.0	548.0	540.6	544.3	540.6	533.3	540.6	537.0	533.3	533.3	533.3
30°	617.9	610.5	599.5	595.8	595.8	588.4	595.8	595.8	584.8	584.8	584.8
32.5°	687.7	680.4	669.4	658.3	662.0	654.6	658.3	662.0	643.6	647.3	643.6
35°	757.6	757.6	753.9	739.2	739.2	731.9	731.9	735.6	717.2	724.5	717.2
37.5°	853.2	853.2	849.6	834.9	827.5	827.5	820.1	820.1	805.4	812.8	812.8
40°	970.9	970.9	970.9	963.6	948.9	937.8	937.8	926.8	915.8	926.8	930.5
42.5°	1121.7	1129.1	1125.4	1125.4	1110.7	1099.7	1088.6	1073.9	1070.2	1088.6	1092.3
45°	1324.0	1335.0	1327.7	1342.4	1313.0	1298.3	1290.9	1268.8	1265.2	1283.5	1283.5
47.5°	1574.1	1574.1	1559.4	1581.4	1541.0	1526.3	1518.9	1482.1	1496.9	1507.9	1496.9
50°	1853.6	1846.2	1824.2	1861.0	1813.1	1794.8	1783.7	1728.6	1761.7	1765.3	1765.3
52.5°	2177.3	2162.5	2136.8	2180.9	2111.1	2111.1	2085.3	2033.8	2085.3	2059.6	2059.6
55°	2449.4	2420.0	2386.9	2445.7	2375.9	2350.1	2361.1	2272.9	2331.7	2298.6	2302.3
57.5°	2644.3	2589.2	2556.1	2600.2	2534.0	2534.0	2511.9	2420.0	2497.2	2442.1	2445.7
60°	2747.3	2699.5	2648.0	2710.5	2618.6	2625.9	2603.9	2534.0	2596.5	2545.0	2541.4
62.5°	2813.5	2795.1	2740.0	2795.1	2747.3	2695.8	2747.3	2637.0	2699.5	2625.9	2607.6
65°	2912.8	2820.9	2747.3	2802.5	2740.0	2776.7	2762.0	2633.3	2710.5	2655.4	2644.3
67.5°	2809.8	2758.3	2699.5	2762.0	2662.7	2684.8	2670.1	2578.1	2629.6	2581.8	2545.0
70°	2625.9	2625.9	2511.9	2567.1	2534.0	2511.9	2541.4	2423.7	2460.4	2434.7	2379.5
72.5°	2445.7	2361.1	2272.9	2320.7	2276.6	2339.1	2313.3	2206.7	2236.1	2199.3	2169.9
75°	2103.7	2055.9	1997.0	2022.8	1949.2	2019.1	1967.6	1912.4	1949.2	1890.4	1868.3
77.5°	1695.5	1702.8	1621.9	1640.3	1599.8	1614.5	1614.5	1548.3	1574.1	1544.7	1511.6
80°	1301.9	1272.5	1187.9	1232.1	1202.6	1210.0	1228.4	1151.1	1165.9	1158.5	1129.1
82.5°	875.3	853.2	805.4	823.8	790.7	801.8	805.4	753.9	757.6	757.6	724.5
85°	408.2	419.3	378.8	371.5	356.7	349.4	353.1	316.3	327.3	331.0	294.2
87.5°	51.5	51.5	44.1	40.5	33.1	29.4	22.1	18.4	18.4	14.7	11.0
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)