

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: P553795

Luminaire Tested: **LXS-VA4-740-U-SYM-C**

Issue Date: 7/13/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P553795  
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-VA4-740-U-SYM-C  
Description: LUXESCAPE OUTDOOR ARCHITECTURAL LUMINAIRE  
70 CRI, 4000K LEDS AND TYPE V OPTIC, CANTILEVER MOUNT  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 10765 lumens  
Efficiency: N/A  
Efficacy: 112.1 lumens/watt  
Luminous Opening: Circular (Dia: 1.62' x H: 0')  
IES Classification: Type V - Short  
BUG Rating: B4 - U0 - G3

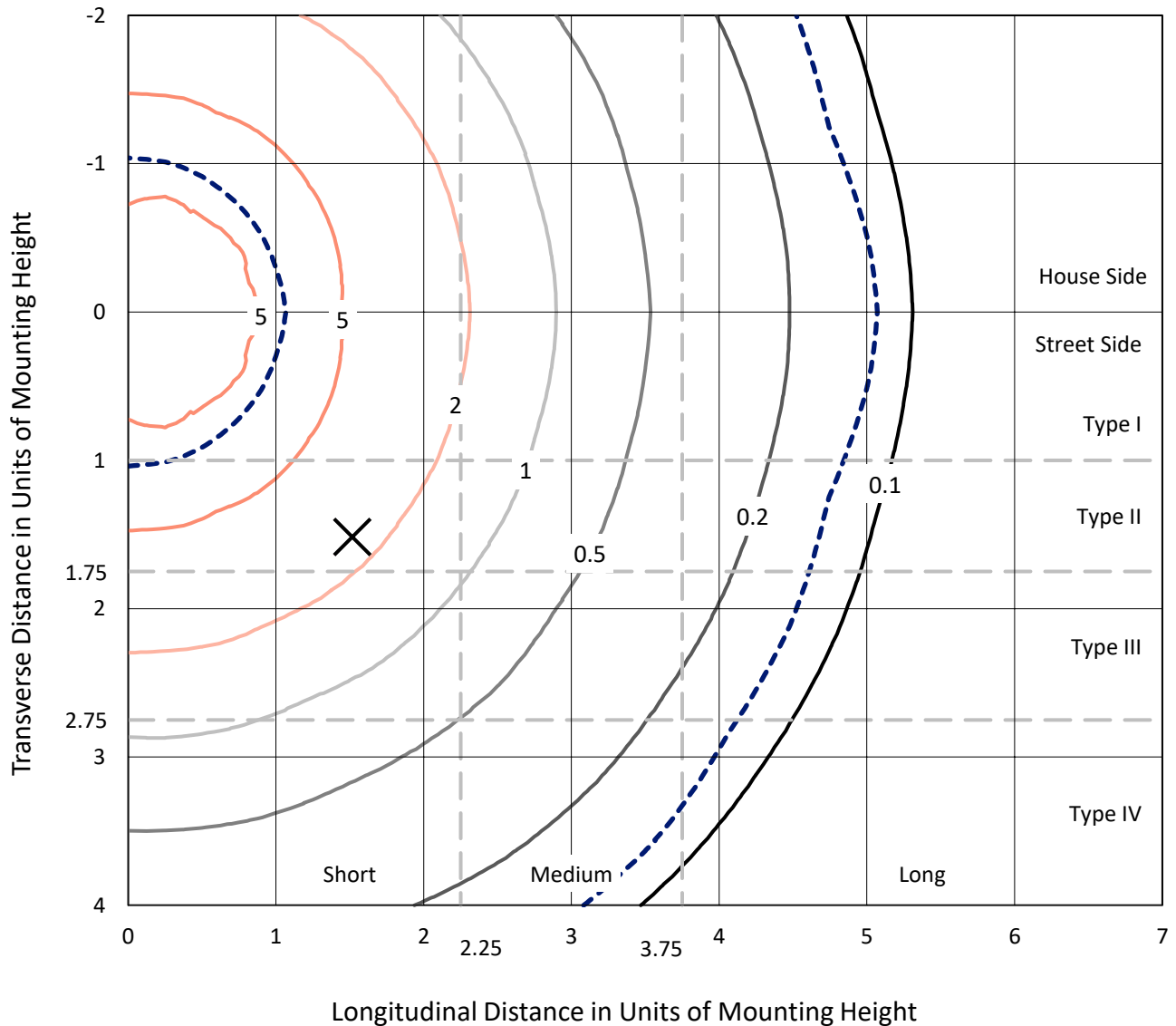
Input Watts (W): 96  
Input Voltage (V): NR  
Input Current (A<sub>in</sub>): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 28.75 FT



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### Iso-Footcandle Lines of Horizontal Illumination

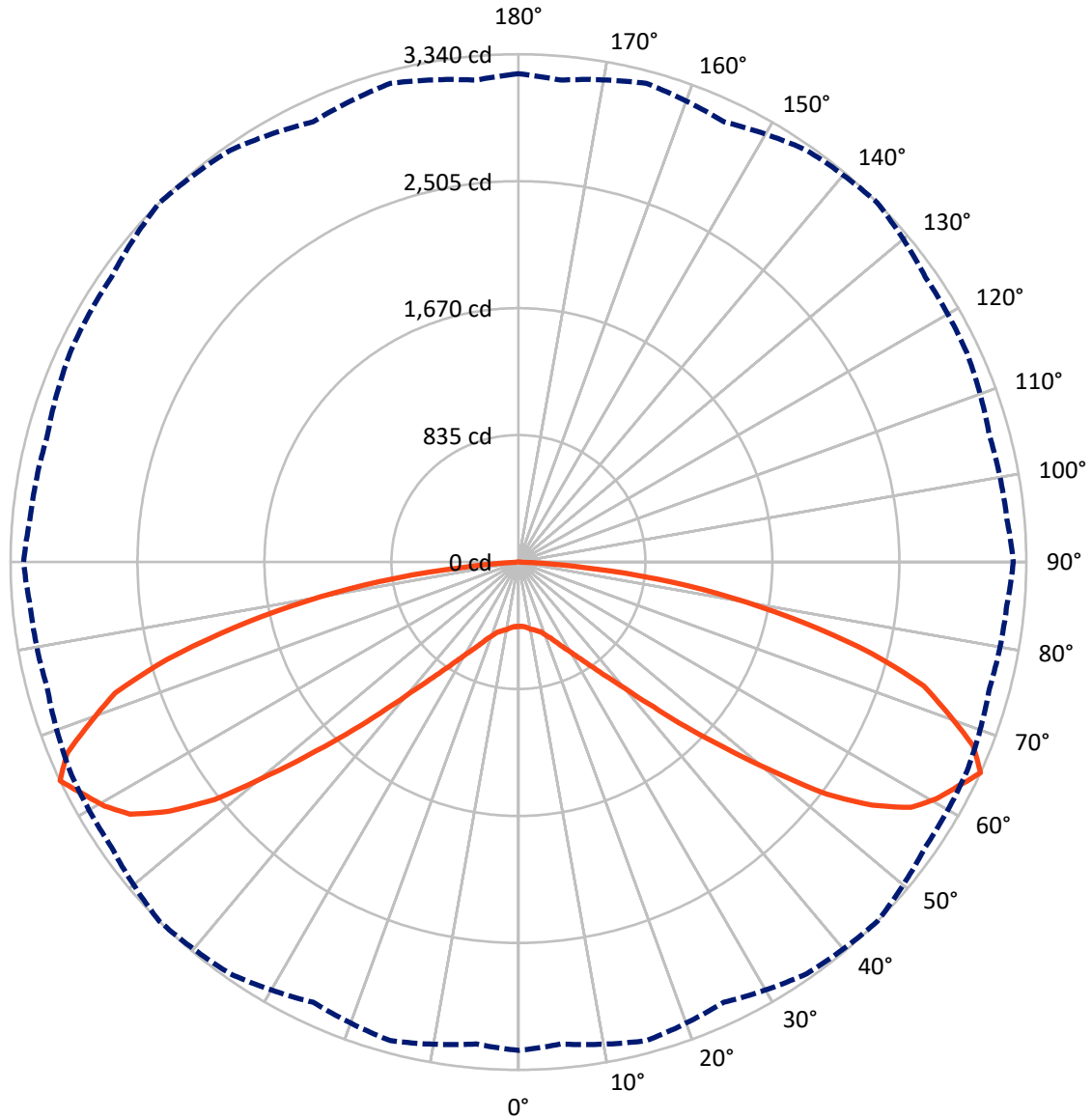
✕ Max cd  
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 5.7 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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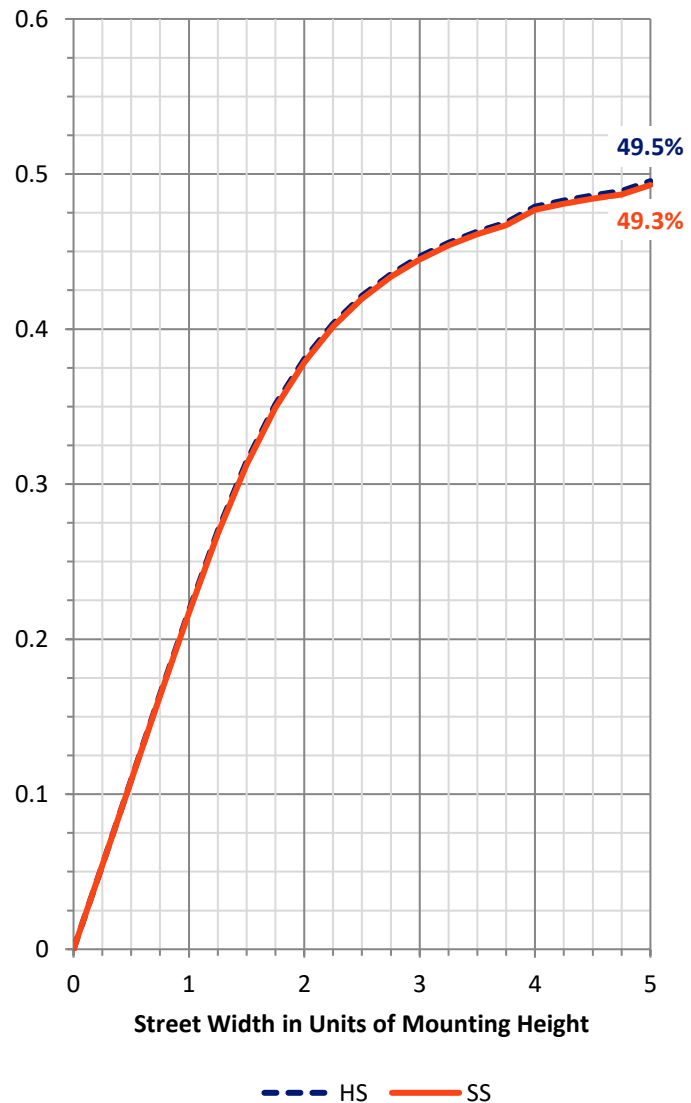
**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	5382.5	0.0	5382.5
	% Fixture	50.0	0.0	50.0
<b>Street Side</b>	Lumens	5382.5	0.0	5382.5
	% Fixture	50.0	0.0	50.0
<b>Total</b>	Lumens	10765.0	0.0	10765.0
	% Fixture	100.0	0.0	100.0

**Coefficient of Utilization**

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	41.5	0.4
10°-20°	134.7	1.3
20°-30°	276.4	2.6
30°-40°	556.7	5.2
40°-50°	1220.9	11.3
50°-60°	2448.0	22.7
60°-70°	3145.4	29.2
70°-80°	2399.0	22.3
80°-90°	542.5	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°	10765.0	100.0
0°-180°	10765.0	100.0



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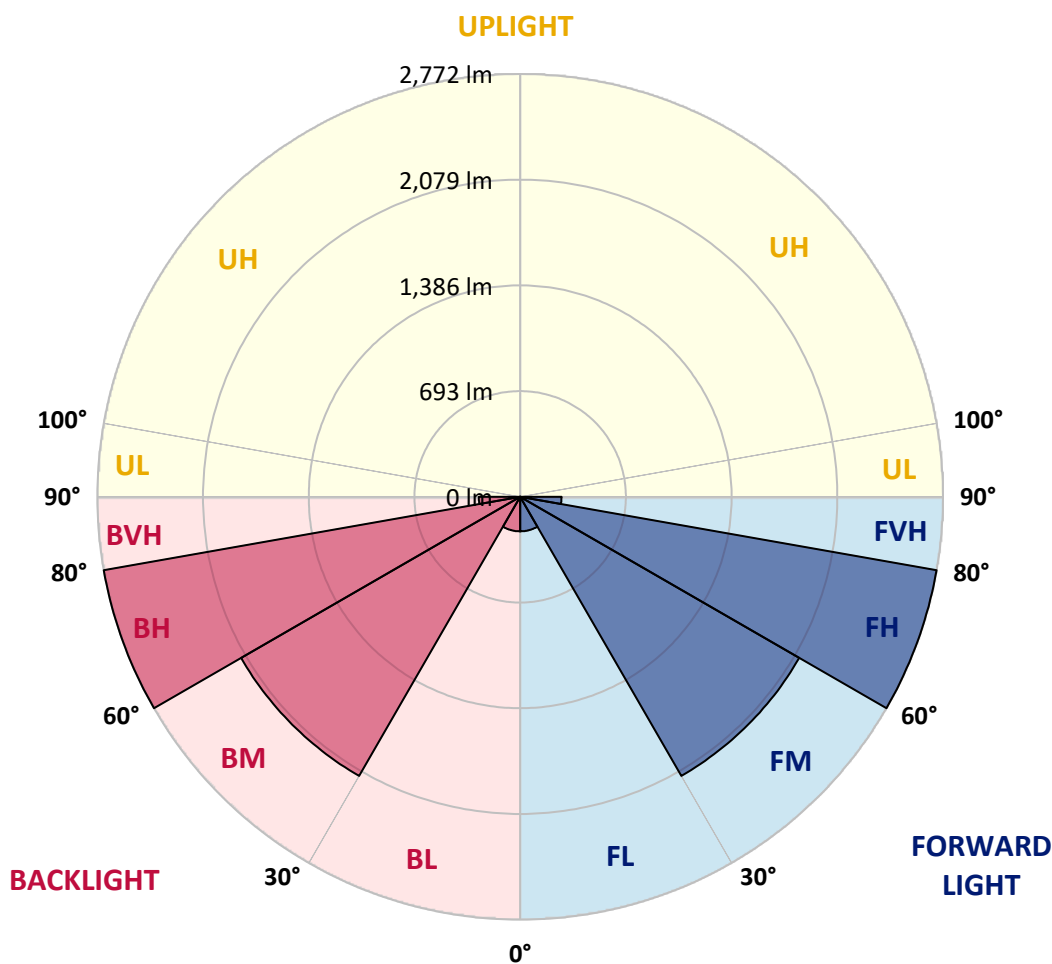
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	226.3	2.1			
FM	(30°-60°)	2112.8	19.6			
FH	(60°-80°)	2772.2	25.8			G2/5000
FVH	(80°-90°)	271.2	2.5			G3/500
BL	(0°-30°)	226.3	2.1	B1/500		
BM	(30°-60°)	2112.8	19.6	B2/2500		
BH	(60°-80°)	2772.2	25.8	B4/5000		G2/5000
BVH	(80°-90°)	271.2	2.5			G3/500
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

**BUG Rating: B4-U0-G3**

Type V Short





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**CANDELA DISTRIBUTION (FULL):**

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	423.3	423.3	423.3	423.3	423.3	423.3	423.3	423.3	423.3	423.3	423.3
2.5°	423.3	423.3	423.3	423.3	423.3	423.3	423.3	423.3	423.3	423.3	423.3
5°	431.9	431.9	427.6	427.6	427.6	427.6	427.6	427.6	427.6	427.6	427.6
7.5°	440.4	440.4	440.4	440.4	436.1	436.1	436.1	436.1	436.1	436.1	436.1
10°	453.2	453.2	449.0	449.0	449.0	449.0	444.7	444.7	444.7	444.7	444.7
12.5°	466.1	461.8	461.8	461.8	461.8	457.5	457.5	457.5	457.5	457.5	457.5
15°	478.9	474.6	474.6	470.4	470.4	470.4	461.8	461.8	466.1	470.4	470.4
17.5°	491.7	491.7	487.5	483.2	483.2	483.2	478.9	470.4	474.6	483.2	483.2
20°	521.7	521.7	517.4	508.8	513.1	513.1	504.6	500.3	504.6	508.8	508.8
22.5°	560.1	560.1	551.6	543.0	547.3	543.0	538.8	530.2	530.2	538.8	538.8
25°	607.2	607.2	594.4	585.8	585.8	585.8	577.3	573.0	568.7	573.0	573.0
27.5°	662.8	662.8	649.9	641.4	637.1	637.1	628.6	624.3	620.0	615.7	611.5
30°	739.7	739.7	718.4	709.8	705.5	692.7	688.4	688.4	684.2	675.6	675.6
32.5°	816.7	816.7	799.6	782.5	782.5	765.4	761.1	765.4	756.8	752.6	748.3
35°	902.2	902.2	880.8	876.6	876.6	855.2	842.4	846.6	846.6	842.4	838.1
37.5°	1009.1	1009.1	979.2	979.2	983.5	966.4	949.3	953.5	962.1	953.5	945.0
40°	1141.7	1146.0	1111.7	1120.3	1124.6	1107.5	1090.4	1086.1	1103.2	1086.1	1069.0
42.5°	1325.5	1329.8	1295.6	1299.9	1308.4	1299.9	1287.1	1278.5	1299.9	1265.7	1248.6
45°	1547.9	1560.7	1535.1	1535.1	1543.6	1543.6	1535.1	1530.8	1535.1	1488.0	1470.9
47.5°	1821.6	1834.4	1800.2	1804.4	1825.8	1821.6	1821.6	1817.3	1800.2	1757.4	1723.2
50°	2120.9	2133.7	2108.0	2112.3	2142.2	2150.8	2138.0	2125.1	2108.0	2065.3	2039.6
52.5°	2484.3	2488.6	2492.9	2471.5	2505.7	2535.6	2501.4	2505.7	2480.0	2433.0	2398.8
55°	2766.5	2775.1	2792.2	2766.5	2826.4	2822.1	2826.4	2809.3	2762.3	2728.0	2710.9
57.5°	2958.9	2950.4	3006.0	2954.7	3027.4	3044.5	3001.7	2997.4	2958.9	2924.7	2920.5
60°	3061.6	3070.1	3130.0	3078.7	3134.3	3159.9	3112.9	3134.3	3074.4	3061.6	3070.1
62.5°	3117.2	3164.2	3245.4	3181.3	3305.3	3245.4	3271.1	3258.3	3198.4	3177.0	3181.3
65°	3211.2	3181.3	3258.3	3194.1	3305.3	3339.5	3266.8	3254.0	3207.0	3224.1	3254.0
67.5°	3078.7	3100.1	3198.4	3151.4	3215.5	3224.1	3155.6	3177.0	3112.9	3147.1	3155.6
70°	2856.3	2941.8	2967.5	2924.7	3057.3	3001.7	2993.2	2980.3	2911.9	2976.1	2971.8
72.5°	2646.8	2642.5	2676.7	2642.5	2745.2	2787.9	2715.2	2706.7	2646.8	2693.8	2723.8
75°	2262.0	2296.2	2351.8	2309.0	2343.2	2398.8	2304.7	2338.9	2304.7	2330.4	2364.6
77.5°	1804.4	1872.9	1890.0	1851.5	1919.9	1919.9	1868.6	1872.9	1855.8	1911.3	1911.3
80°	1372.6	1389.7	1381.1	1364.0	1432.4	1423.9	1402.5	1394.0	1364.0	1428.2	1453.8
82.5°	897.9	897.9	897.9	876.6	919.3	927.9	910.8	910.8	880.8	932.2	953.5
85°	384.8	389.1	380.6	325.0	376.3	367.7	380.6	367.7	367.7	410.5	397.7
87.5°	21.4	21.4	21.4	17.1	17.1	17.1	17.1	17.1	17.1	12.8	8.6
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)