

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: P553741

Luminaire Tested: **LXS-VA2-740-U-SYM-C**

Issue Date: 7/13/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P553741  
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-VA2-740-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: 5049 lumens  
Efficiency: N/A  
Efficacy: 123.1 lumens/watt  
Luminous Opening: Circular (Dia: 1.62' x H: 0')  
IES Classification: Type V - Short  
BUG Rating: B3 - U0 - G2

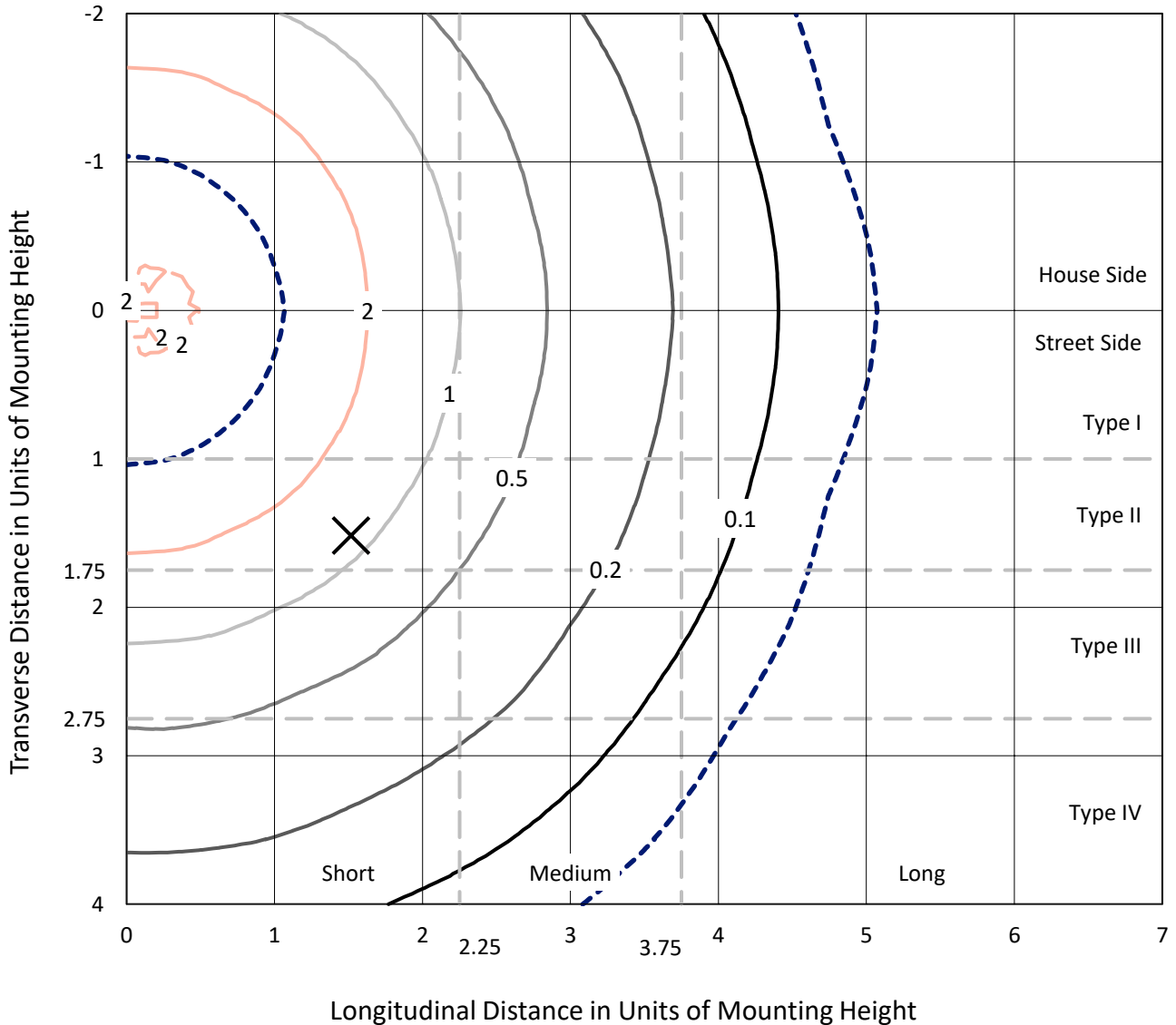
Input Watts (W): 41  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 28.75 FT



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### Iso-Footcandle Lines of Horizontal Illumination

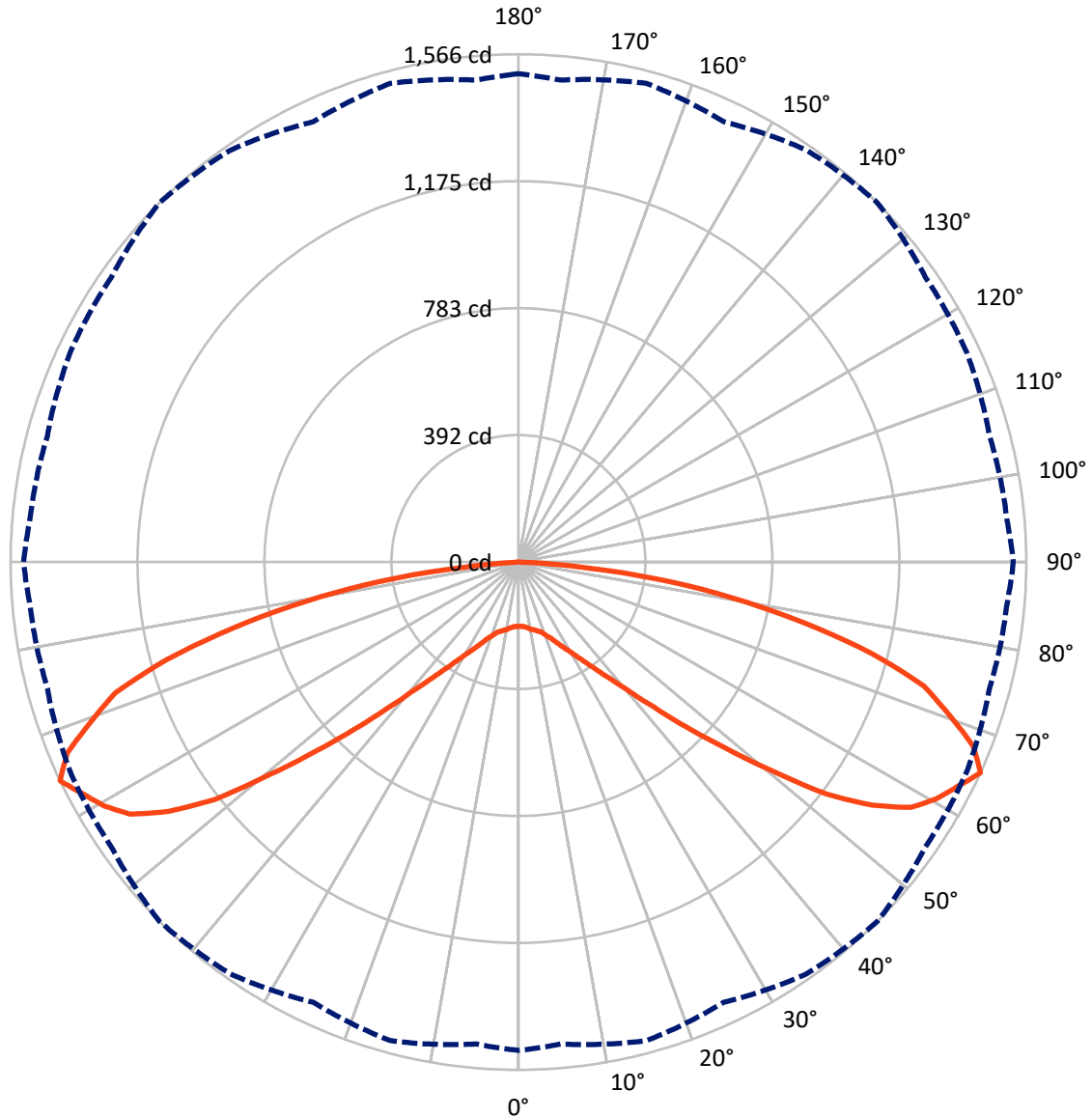
✕ Max cd  
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 2.7 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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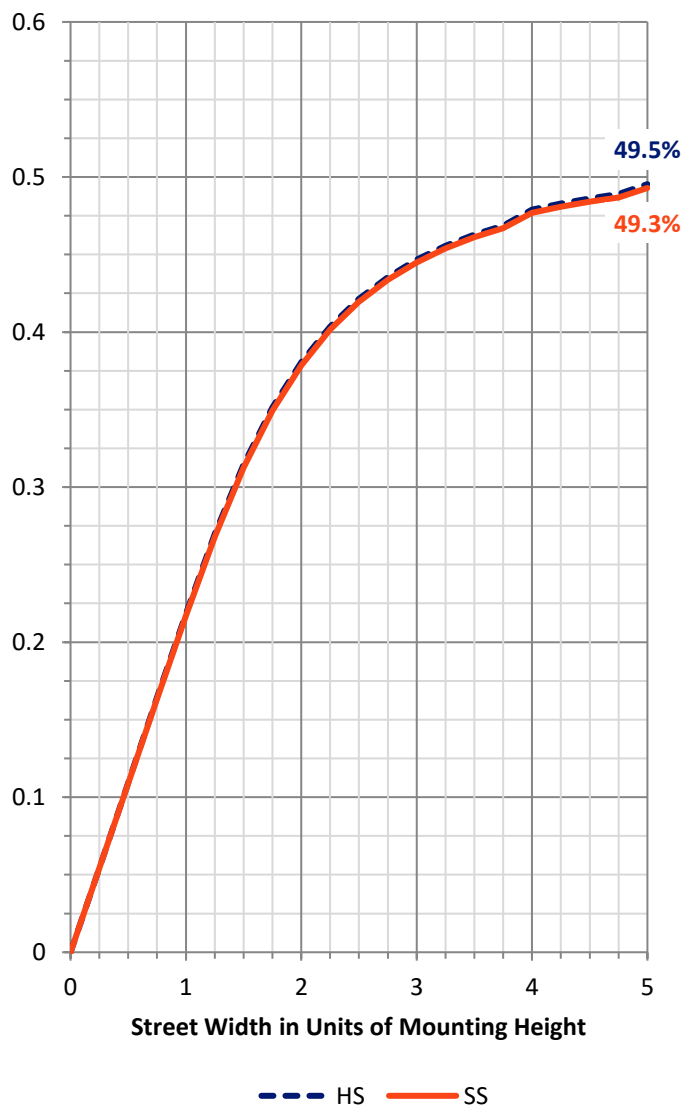
**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	2524.5	0.0	2524.5
	% Fixture	50.0	0.0	50.0
<b>Street Side</b>	Lumens	2524.5	0.0	2524.5
	% Fixture	50.0	0.0	50.0
<b>Total</b>	Lumens	5049.0	0.0	5049.0
	% Fixture	100.0	0.0	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	19.5	0.4
10°-20°	63.2	1.3
20°-30°	129.6	2.6
30°-40°	261.1	5.2
40°-50°	572.6	11.3
50°-60°	1148.2	22.7
60°-70°	1475.2	29.2
70°-80°	1125.2	22.3
80°-90°	254.4	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°	5049.0	100.0
0°-180°	5049.0	100.0

**Coefficient of Utilization**



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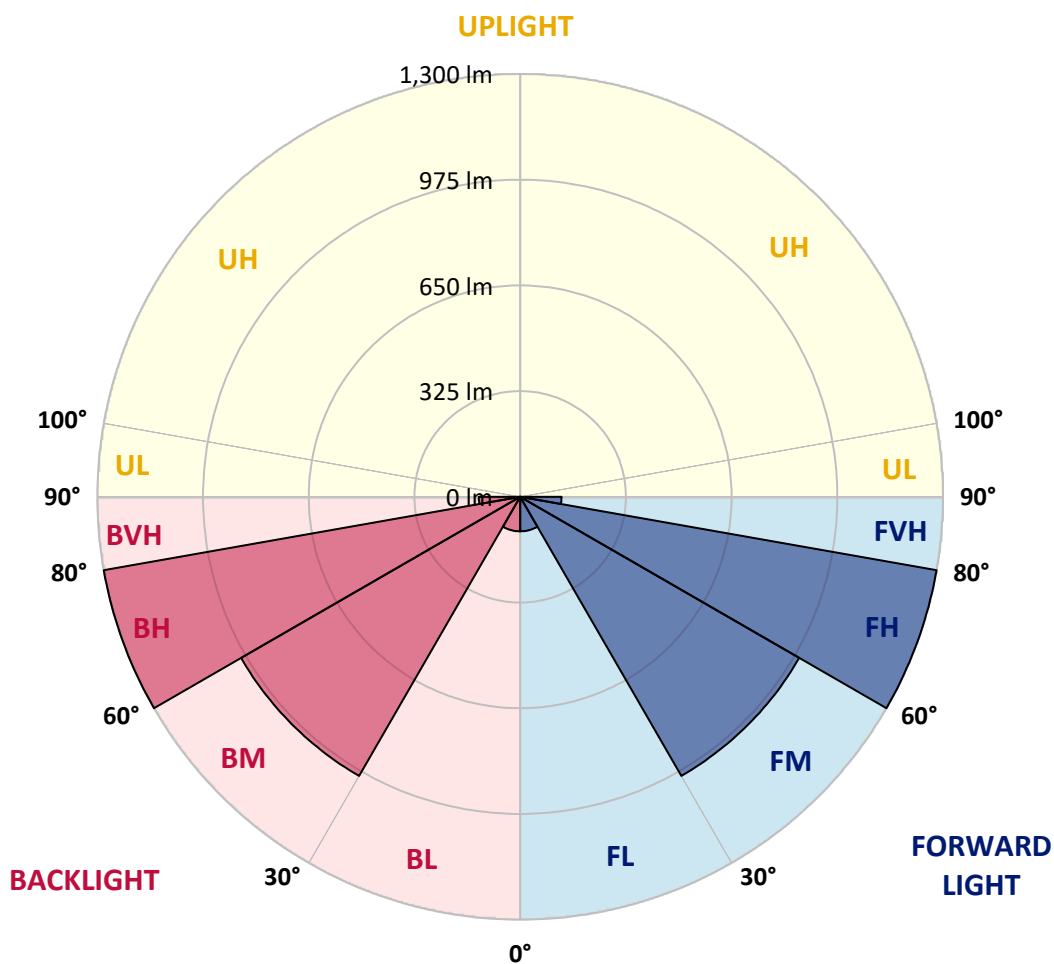
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	106.1	2.1			
FM (30°-60°)	990.9	19.6			
FH (60°-80°)	1300.2	25.8			G1/1800
FVH (80°-90°)	127.2	2.5			G2/225
BL (0°-30°)	106.1	2.1	B0/110		
BM (30°-60°)	990.9	19.6	B1/1000		
BH (60°-80°)	1300.2	25.8	B3/2500		G1/1800
BVH (80°-90°)	127.2	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°	198.5	198.5	198.5	198.5	198.5	198.5	198.5	198.5	198.5	198.5	198.5
2.5°	198.5	198.5	198.5	198.5	198.5	198.5	198.5	198.5	198.5	198.5	198.5
5°	202.6	202.6	200.6	200.6	200.6	200.6	200.6	200.6	200.6	200.6	200.6
7.5°	206.6	206.6	206.6	206.6	204.6	204.6	204.6	204.6	204.6	204.6	204.6
10°	212.6	212.6	210.6	210.6	210.6	210.6	208.6	208.6	208.6	208.6	208.6
12.5°	218.6	216.6	216.6	216.6	216.6	214.6	214.6	214.6	214.6	214.6	214.6
15°	224.6	222.6	222.6	220.6	220.6	220.6	216.6	216.6	218.6	220.6	220.6
17.5°	230.6	230.6	228.6	226.6	226.6	226.6	224.6	220.6	222.6	226.6	226.6
20°	244.7	244.7	242.7	238.7	240.7	240.7	236.6	234.6	236.6	238.7	238.7
22.5°	262.7	262.7	258.7	254.7	256.7	254.7	252.7	248.7	248.7	252.7	252.7
25°	284.8	284.8	278.8	274.8	274.8	274.8	270.7	268.7	266.7	268.7	268.7
27.5°	310.9	310.9	304.8	300.8	298.8	298.8	294.8	292.8	290.8	288.8	286.8
30°	347.0	347.0	336.9	332.9	330.9	324.9	322.9	322.9	320.9	316.9	316.9
32.5°	383.1	383.1	375.0	367.0	367.0	359.0	357.0	359.0	355.0	353.0	351.0
35°	423.2	423.2	413.1	411.1	411.1	401.1	395.1	397.1	397.1	395.1	393.1
37.5°	473.3	473.3	459.3	459.3	461.3	453.2	445.2	447.2	451.2	447.2	443.2
40°	535.5	537.5	521.4	525.4	527.4	519.4	511.4	509.4	517.4	509.4	501.4
42.5°	621.7	623.7	607.7	609.7	613.7	609.7	603.7	599.6	609.7	593.6	585.6
45°	726.0	732.0	720.0	720.0	724.0	724.0	720.0	718.0	720.0	697.9	689.9
47.5°	854.3	860.4	844.3	846.3	856.3	854.3	854.3	852.3	844.3	824.3	808.2
50°	994.7	1000.7	988.7	990.7	1004.8	1008.8	1002.8	996.7	988.7	968.7	956.6
52.5°	1165.2	1167.2	1169.2	1159.2	1175.2	1189.3	1173.2	1175.2	1163.2	1141.1	1125.1
55°	1297.6	1301.6	1309.6	1297.6	1325.6	1323.6	1325.6	1317.6	1295.6	1279.5	1271.5
57.5°	1387.8	1383.8	1409.9	1385.8	1419.9	1427.9	1407.9	1405.9	1387.8	1371.8	1369.8
60°	1435.9	1439.9	1468.0	1444.0	1470.0	1482.1	1460.0	1470.0	1442.0	1435.9	1439.9
62.5°	1462.0	1484.1	1522.2	1492.1	1550.3	1522.2	1534.2	1528.2	1500.1	1490.1	1492.1
65°	1506.1	1492.1	1528.2	1498.1	1550.3	1566.3	1532.2	1526.2	1504.1	1512.1	1526.2
67.5°	1444.0	1454.0	1500.1	1478.1	1508.1	1512.1	1480.1	1490.1	1460.0	1476.0	1480.1
70°	1339.7	1379.8	1391.8	1371.8	1433.9	1407.9	1403.9	1397.8	1365.7	1395.8	1393.8
72.5°	1241.4	1239.4	1255.4	1239.4	1287.5	1307.6	1273.5	1269.5	1241.4	1263.5	1277.5
75°	1060.9	1077.0	1103.0	1083.0	1099.0	1125.1	1081.0	1097.0	1081.0	1093.0	1109.0
77.5°	846.3	878.4	886.4	868.4	900.5	900.5	876.4	878.4	870.4	896.5	896.5
80°	643.8	651.8	647.8	639.8	671.8	667.8	657.8	653.8	639.8	669.8	681.9
82.5°	421.2	421.2	421.2	411.1	431.2	435.2	427.2	427.2	413.1	437.2	447.2
85°	180.5	182.5	178.5	152.4	176.5	172.5	178.5	172.5	172.5	192.5	186.5
87.5°	10.0	10.0	10.0	8.0	8.0	8.0	8.0	8.0	8.0	6.0	4.0
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)