

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: P152709

Luminaire Tested: **VXS-E01-LED-E1-SLL-7030**

Issue Date: 03/03/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P152709  
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (P33681)  
Test Lab: INNOVATION CENTER-P3  
Issue Date: 03/03/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: INVUE  
Catalog Number: VXS-E01-LED-E1-SLL-7030  
Description: VISION SITE SMALL LED LUMINAIRE  
(1) LIGHTBARS WITH AccuLED OPTICS - 90° SPILL LIGHT ELIMINATOR LEFT  
Light Source: (21) 3000K CCT, 70 CRI LEDs  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 2541.4 lumens  
Efficiency: N/A  
Efficacy: 102.9 lumens/watt  
Luminous Opening: Rectangular (W 0.17' x L: 1' x H: 0')  
IES Classification: Type IV - Short - Non-Cutoff  
BUG Rating: B1 - U0 - G1

Input Watts (W): 24.7  
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: 25 FT

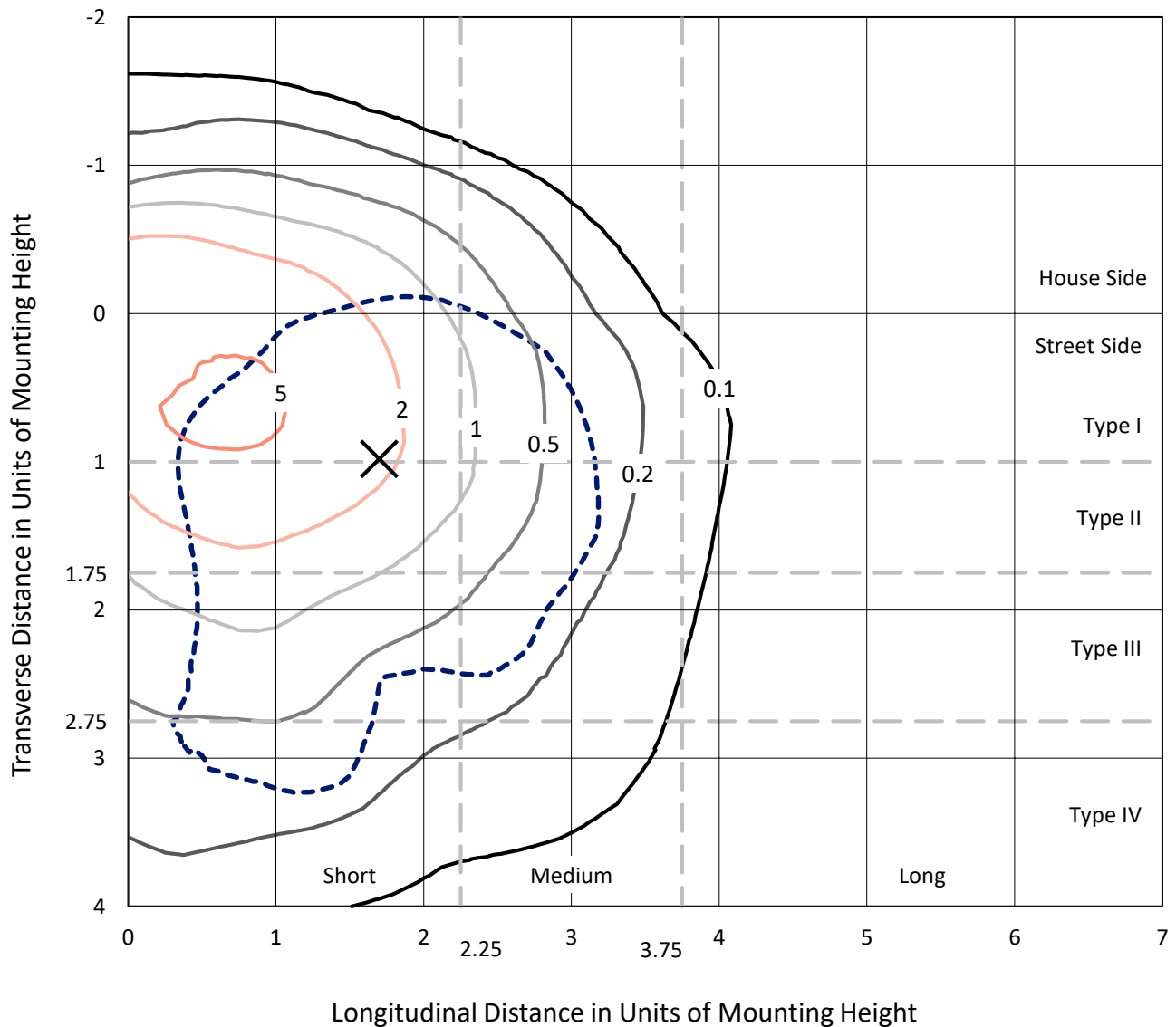


REPORT NUMBER: P152709

CATALOG NUMBER: VXS-E01-LED-E1-SLL-7030

### Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd  
 - - - 1/2 Max cd

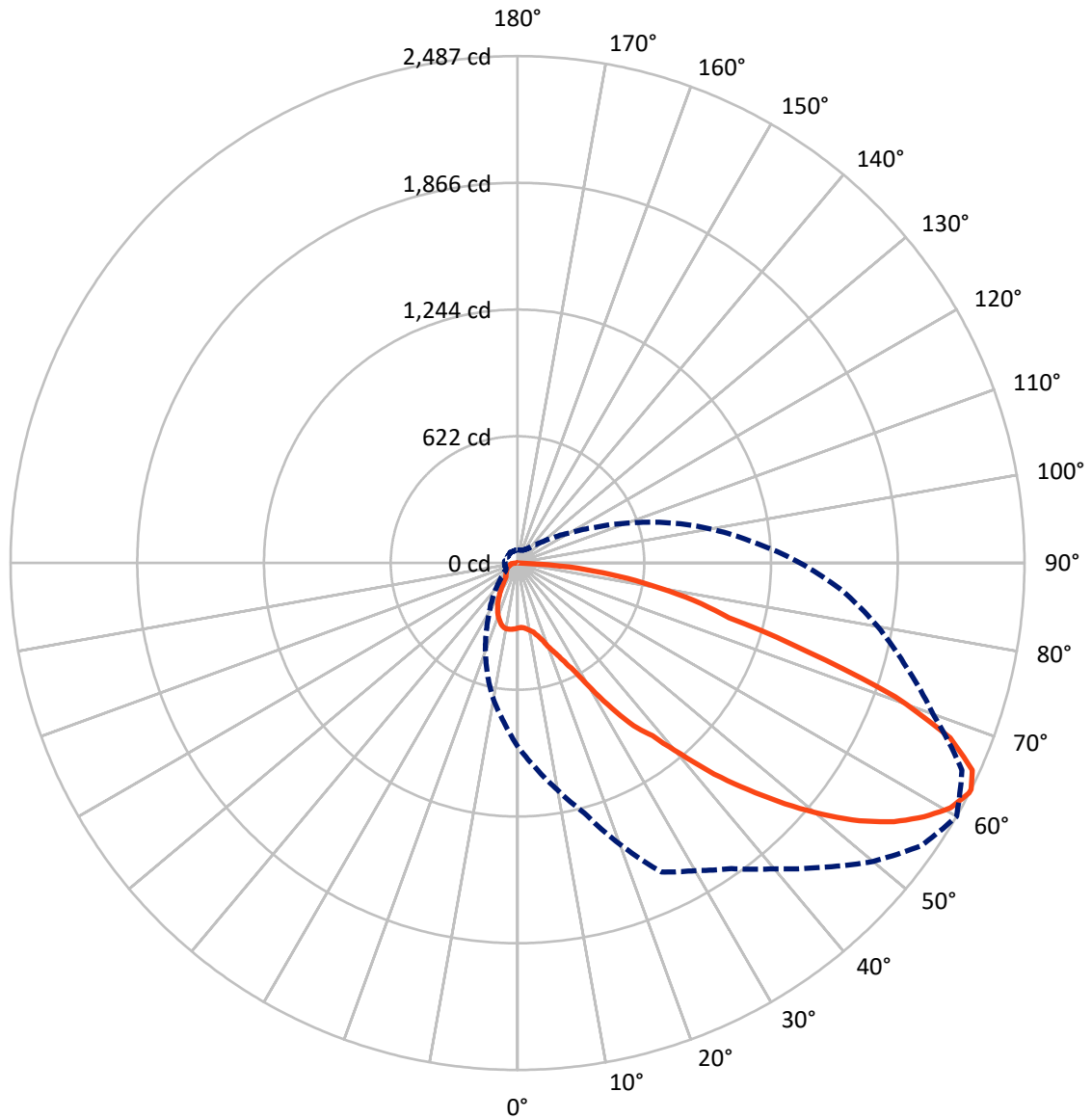


Based on 10 foot mounting height. Maximum calculated value = 6.3 fc  
 Type IV - Short - Non-Cutoff

REPORT NUMBER: P152709

CATALOG NUMBER: VXS-E01-LED-E1-SLL-7030

### Luminous Intensity Polar Plot



— Vertical Plane Through 60-Deg Lateral      - - - Horizontal Cone Through 63-Deg Vertical

REPORT NUMBER: P152709

CATALOG NUMBER: VXS-E01-LED-E1-SLL-7030

**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	551.1	0.0	551.1
	% Fixture	21.7	0.0	21.7
<b>Street Side</b>	Lumens	1990.3	0.0	1990.3
	% Fixture	78.3	0.0	78.3
<b>Total</b>	Lumens	2541.4	0.0	2541.4
	% Fixture	100.0	0.0	100.0

**Coefficient of Utilization**

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	31.1	1.2
10°-20°	96.8	3.8
20°-30°	172.0	6.8
30°-40°	270.9	10.7
40°-50°	398.6	15.7
50°-60°	529.5	20.8
60°-70°	583.3	23.0
70°-80°	365.9	14.4
80°-90°	93.2	3.7
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°	2541.4	100.0
0°-180°	2541.4	100.0



REPORT NUMBER: P152709

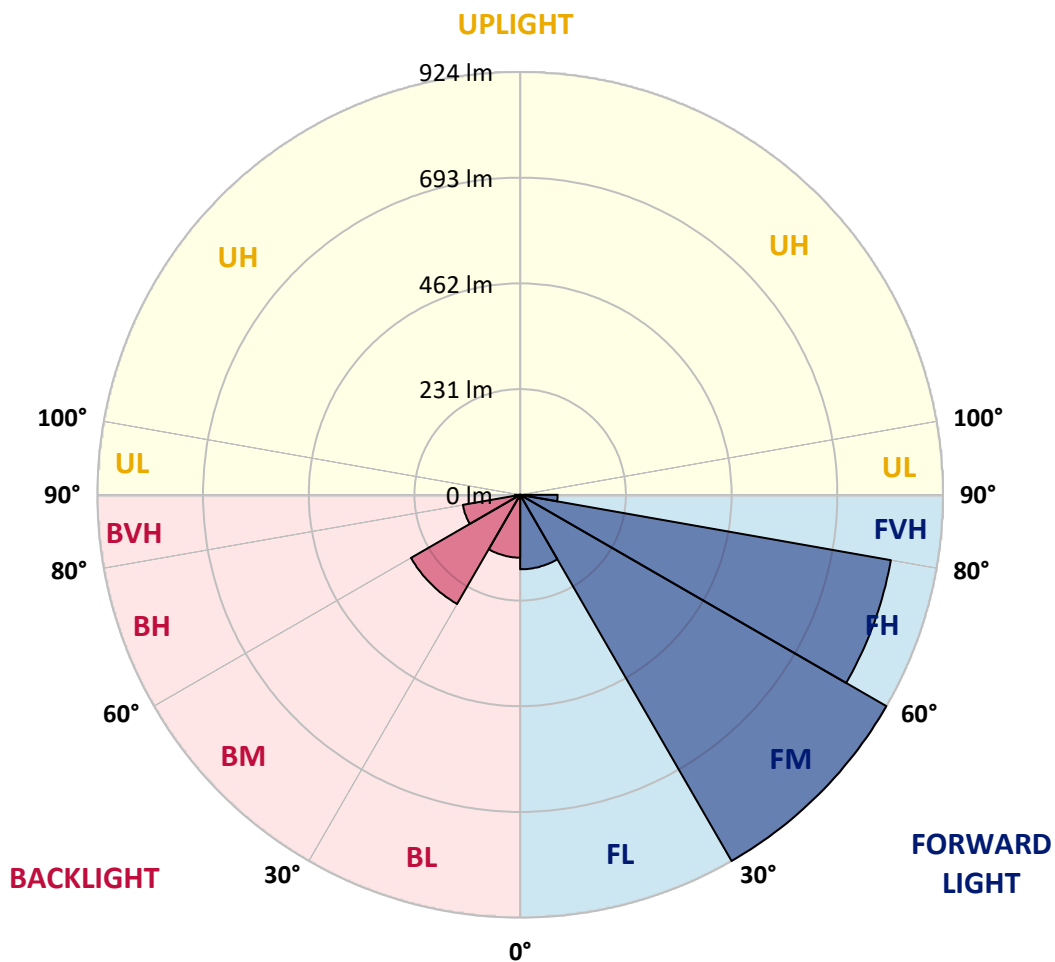
CATALOG NUMBER: VXS-E01-LED-E1-SLL-7030

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

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	162.7	6.4			
FM (30°-60°)	923.6	36.3			
FH (60°-80°)	822.2	32.4			G1/1800
FVH (80°-90°)	81.8	3.2			G1/100
BL (0°-30°)	137.2	5.4	B1/500		
BM (30°-60°)	275.4	10.8	B1/1000		
BH (60°-80°)	127.0	5.0	B1/500		G1/500
BVH (80°-90°)	11.4	0.4			G1/100
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

**BUG Rating: B1-U0-G1**

Type IV Short





REPORT NUMBER: P152709

CATALOG NUMBER: VXS-E01-LED-E1-SLL-7030

**CANDELA DISTRIBUTION (FULL):**

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	319.4	319.4	319.4	319.4	319.4	319.4	319.4	319.4	319.4	319.4	319.4
2.5°	315.1	315.8	315.8	315.4	315.4	316.1	315.8	315.4	314.5	315.8	315.8
5°	312.6	313.3	313.3	313.9	314.5	315.1	315.1	315.8	315.4	316.6	317.5
7.5°	315.8	316.4	317.5	319.1	320.0	322.1	322.1	323.6	324.2	325.2	324.9
10°	319.7	321.2	323.9	326.3	328.2	330.7	332.4	334.6	334.6	335.5	336.1
12.5°	326.6	328.2	331.2	334.3	337.0	340.1	342.8	345.0	347.0	347.7	348.9
15°	338.2	340.1	344.7	348.9	352.2	356.2	359.9	364.1	368.1	369.0	369.6
17.5°	355.6	359.3	362.6	370.3	375.1	380.2	386.0	392.1	393.4	399.8	401.2
20°	380.2	384.9	387.9	397.3	405.5	412.2	420.7	427.8	430.5	436.6	442.7
22.5°	422.9	422.0	426.5	436.0	442.1	455.4	462.8	470.1	473.7	482.9	487.8
25°	480.1	485.0	495.0	496.0	501.8	517.3	526.7	534.0	534.3	537.1	542.2
27.5°	536.5	556.6	572.3	580.9	596.4	610.8	610.2	620.5	604.4	607.7	612.5
30°	604.7	638.1	668.0	688.1	703.9	720.6	728.8	734.6	727.7	724.6	718.8
32.5°	668.6	715.4	761.5	797.1	826.6	854.3	872.5	880.7	890.5	915.1	924.0
35°	712.4	778.8	836.1	887.5	936.8	980.9	1013.0	1031.2	1024.1	1020.8	1019.0
37.5°	738.5	819.6	891.1	963.9	1020.5	1086.6	1136.2	1184.4	1195.2	1176.1	1166.6
40°	755.0	851.0	942.9	1028.7	1102.1	1187.4	1248.8	1321.0	1375.9	1383.1	1360.6
42.5°	762.9	871.9	979.1	1076.3	1175.4	1279.9	1357.8	1445.2	1527.2	1583.4	1569.4
45°	764.1	885.6	1005.6	1119.2	1237.3	1361.2	1461.7	1558.4	1668.1	1764.6	1767.4
47.5°	764.1	896.0	1023.8	1150.3	1292.7	1431.8	1541.5	1655.9	1790.2	1904.4	1939.4
50°	764.8	903.0	1040.9	1174.6	1335.0	1491.5	1615.4	1750.6	1891.8	2016.1	2083.6
52.5°	767.6	908.2	1054.3	1191.9	1362.4	1533.5	1673.0	1828.8	1969.5	2097.1	2184.5
55°	773.6	915.4	1064.0	1202.6	1380.7	1560.9	1714.6	1882.4	2019.7	2149.1	2271.2
57.5°	790.7	928.3	1076.0	1212.0	1390.8	1578.9	1743.9	1905.6	2038.9	2173.8	2317.2
60°	824.8	955.3	1096.4	1230.9	1407.5	1612.0	1757.9	1890.1	2024.9	2166.4	2327.6
62.5°	879.3	997.7	1124.7	1262.9	1455.2	1663.5	1747.3	1843.7	1969.7	2124.1	2290.7
63°	898.1	1006.8	1131.0	1269.8	1468.4	1673.0	1742.7	1830.1	1958.5	2110.8	2277.6
65°	950.8	1047.4	1161.5	1305.2	1522.3	1682.4	1707.0	1758.9	1880.6	2034.3	2200.3
67.5°	1049.1	1145.6	1226.9	1364.9	1567.6	1645.3	1596.6	1602.9	1730.2	1889.4	2038.5
70°	1111.2	1226.3	1268.6	1372.4	1559.4	1590.2	1453.5	1368.8	1470.8	1652.2	1782.9
72.5°	1095.1	1227.3	1222.7	1271.1	1395.0	1423.6	1282.1	1148.7	1209.3	1344.8	1429.4
75°	938.0	1096.1	1062.5	1052.7	1096.4	1115.2	1008.9	988.6	1065.0	1140.2	1141.3
77.5°	675.2	849.1	809.8	753.5	750.5	794.0	808.3	942.0	1054.9	1114.3	1088.1
80°	430.2	618.7	577.8	479.5	478.0	534.6	660.3	842.1	961.8	994.9	926.7
82.5°	224.7	404.9	420.4	359.9	411.9	505.7	628.4	678.7	723.9	728.5	648.2
85°	140.0	249.0	292.8	302.3	372.0	448.5	447.6	429.8	409.7	350.8	317.2
87.5°	15.9	31.4	47.5	45.1	60.6	85.0	105.9	62.1	43.5	15.9	22.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P152709

CATALOG NUMBER: VXS-E01-LED-E1-SLL-7030

**CANDELA DISTRIBUTION (continued):**

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	319.4	319.4	319.4	319.4	319.4	319.4	319.4	319.4	319.4	319.4	319.4
2.5°	316.4	316.6	316.9	316.9	318.4	318.1	318.4	319.1	320.0	320.6	321.2
5°	318.8	318.8	320.0	320.9	322.7	323.9	324.6	326.3	328.5	327.9	329.7
7.5°	326.6	326.3	327.6	328.2	329.7	331.8	331.5	333.1	334.9	335.5	337.0
10°	337.3	336.4	336.4	335.9	336.1	335.5	335.5	335.5	336.7	336.4	337.6
12.5°	348.3	348.0	347.4	345.6	345.6	343.1	341.9	340.4	340.1	337.9	338.2
15°	370.8	370.8	369.6	365.9	362.9	360.7	357.7	355.6	352.5	348.6	346.4
17.5°	403.7	399.5	397.9	397.3	392.4	390.6	383.9	376.9	373.6	368.1	365.1
20°	443.9	443.0	436.9	433.9	427.8	419.3	410.7	401.6	396.1	389.4	385.7
22.5°	489.2	482.6	479.5	474.9	465.5	455.8	443.0	430.8	422.3	417.7	414.9
25°	542.2	535.5	532.4	526.4	514.8	504.5	488.6	474.3	466.7	459.1	454.8
27.5°	612.5	606.1	602.5	586.6	582.7	565.7	546.2	526.7	516.7	505.4	498.0
30°	717.6	717.9	699.1	679.8	660.0	630.5	610.2	588.2	571.7	555.6	539.5
32.5°	895.1	849.7	814.7	773.6	730.7	699.3	674.1	647.9	625.1	601.6	574.8
35°	1003.4	981.6	936.2	861.0	817.7	779.7	751.7	720.0	692.0	650.6	609.8
37.5°	1125.9	1075.0	1019.9	978.2	929.2	885.1	838.1	802.2	753.8	698.1	640.2
40°	1304.6	1231.8	1165.4	1109.4	1046.1	999.8	947.5	895.3	831.2	750.5	671.0
42.5°	1491.2	1416.0	1328.3	1255.5	1180.9	1126.7	1062.0	988.8	894.5	794.6	697.5
45°	1686.9	1586.5	1481.5	1392.5	1314.9	1247.7	1167.3	1070.5	955.3	834.2	722.2
47.5°	1880.0	1764.6	1639.5	1543.8	1442.8	1360.6	1262.0	1139.6	1002.9	871.6	746.8
50°	2050.2	1939.1	1788.3	1666.8	1564.6	1463.2	1340.2	1192.8	1040.3	903.9	769.0
52.5°	2196.9	2101.3	1942.7	1789.2	1671.4	1557.6	1403.2	1235.8	1078.0	933.8	787.4
55°	2304.7	2241.0	2094.9	1904.7	1765.5	1629.7	1456.5	1277.2	1113.7	957.5	799.2
57.5°	2386.0	2350.7	2225.2	2013.4	1852.0	1699.8	1511.6	1326.8	1149.0	977.9	804.7
60°	2430.5	2440.2	2323.8	2108.3	1928.4	1758.2	1566.7	1369.1	1175.1	989.7	801.7
62.5°	2426.1	2485.8	2397.8	2166.7	1972.8	1793.0	1603.8	1388.9	1171.5	970.9	773.9
63°	2417.9	2487.4	2406.1	2170.8	1975.5	1794.1	1604.8	1386.1	1163.9	961.8	762.9
65°	2347.0	2452.3	2399.1	2152.7	1951.2	1771.3	1585.6	1346.6	1110.4	912.7	706.6
67.5°	2157.0	2288.8	2273.7	2025.8	1835.9	1676.9	1487.6	1219.1	977.9	792.2	598.9
70°	1843.1	1967.0	1969.7	1761.9	1603.2	1447.4	1289.9	991.9	775.1	614.1	446.6
72.5°	1412.6	1492.4	1520.1	1383.1	1276.9	1167.3	1026.0	720.0	552.5	417.7	290.8
75°	1093.9	1071.9	1071.7	1013.8	970.6	917.0	761.8	485.9	362.9	271.6	177.8
77.5°	983.4	885.9	791.6	722.2	687.5	669.5	499.6	292.8	214.0	156.2	102.3
80°	811.1	667.4	539.2	464.2	434.4	455.1	278.5	158.3	117.2	88.9	66.3
82.5°	559.3	464.2	352.8	292.2	250.9	262.5	142.5	80.9	54.2	49.6	41.1
85°	291.4	255.4	215.5	185.1	163.5	143.7	74.0	38.7	22.5	19.8	17.9
87.5°	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0





REPORT NUMBER: P152709

CATALOG NUMBER: VXS-E01-LED-E1-SLL-7030

**CANDELA DISTRIBUTION (continued):**

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	319.4	319.4	319.4	319.4	319.4	319.4	319.4	319.4	319.4	319.4	319.4
2.5°	322.1	321.8	322.4	322.7	323.6	324.2	324.6	323.9	324.9	325.8	325.2
5°	330.7	332.7	333.1	334.0	334.0	335.9	335.9	335.9	335.5	335.9	335.2
7.5°	337.9	340.7	340.9	342.2	342.5	344.7	343.7	344.4	344.4	342.8	342.2
10°	338.9	341.6	343.1	344.7	346.7	349.5	349.5	351.0	351.0	349.8	349.5
12.5°	339.2	341.2	342.8	345.0	348.0	351.9	354.1	356.2	357.1	356.8	355.9
15°	345.6	345.6	345.9	347.7	349.8	354.7	357.7	360.2	361.7	361.0	359.6
17.5°	362.3	359.9	358.0	355.0	355.6	358.0	359.9	362.0	362.3	361.7	359.3
20°	381.8	378.8	374.2	369.3	366.8	365.1	363.8	363.8	362.9	359.9	355.9
22.5°	409.5	405.5	399.2	391.8	386.9	381.1	374.2	367.5	360.2	352.8	344.4
25°	447.9	442.4	435.6	424.4	414.1	401.9	387.6	372.6	355.3	340.1	327.6
27.5°	486.5	474.3	457.0	441.5	422.3	404.0	383.6	365.4	343.1	324.9	311.2
30°	518.4	495.3	470.4	445.7	420.4	395.8	371.4	349.5	325.2	306.6	293.2
32.5°	543.1	511.2	476.5	444.1	413.2	383.0	355.0	330.7	306.0	286.8	272.4
35°	566.0	521.6	477.4	437.5	399.2	367.8	336.1	309.6	283.4	263.3	247.8
37.5°	583.0	526.4	471.9	425.0	380.8	345.9	313.6	286.5	259.7	237.8	220.1
40°	594.0	523.3	460.0	407.0	359.3	322.4	289.5	261.6	235.6	211.6	190.3
42.5°	602.8	519.4	448.2	390.6	342.2	302.0	268.2	238.0	211.9	185.7	162.3
45°	615.9	522.5	443.0	379.1	326.9	284.7	247.6	216.2	188.8	163.2	140.6
47.5°	628.7	523.9	435.3	364.8	307.8	266.7	228.9	198.5	170.5	147.0	126.3
50°	640.2	523.0	423.5	346.4	289.2	248.7	212.2	181.8	154.1	132.4	113.0
52.5°	645.7	517.8	408.9	328.8	274.3	233.0	195.8	166.2	138.9	118.4	100.5
55°	645.2	504.5	389.7	312.0	257.8	216.2	179.6	150.4	125.7	106.8	91.3
57.5°	636.0	483.7	369.3	293.5	236.3	195.4	160.7	132.4	111.7	95.9	82.8
60°	616.8	457.3	342.5	266.4	209.1	169.8	137.3	113.0	96.2	84.0	75.5
62.5°	580.9	419.3	309.0	228.6	172.6	136.7	108.4	92.5	80.1	72.7	68.8
63°	570.3	408.9	294.7	219.5	164.1	129.1	102.3	85.9	76.7	70.4	66.6
65°	517.3	358.0	246.6	177.2	127.6	99.6	82.2	69.7	64.2	61.5	61.2
67.5°	419.0	281.7	174.4	121.5	86.7	71.8	63.0	57.8	55.4	54.8	55.4
70°	294.1	177.8	110.8	80.7	64.2	57.8	53.9	51.7	50.3	50.6	51.2
72.5°	187.6	106.5	76.1	61.2	54.2	50.9	49.0	48.4	48.1	47.8	47.8
75°	106.8	71.0	58.4	53.0	49.3	46.6	45.1	44.5	44.8	45.1	44.5
77.5°	70.7	58.4	52.0	48.4	45.1	42.0	41.1	40.8	41.5	42.0	42.0
80°	55.8	52.0	48.4	44.8	39.3	37.1	37.7	38.0	37.7	38.0	37.1
82.5°	39.3	38.7	39.6	38.0	32.5	30.8	30.2	30.5	29.8	29.8	29.2
85°	18.2	18.2	19.2	19.2	18.5	18.9	20.4	22.2	23.1	22.2	21.0
87.5°	0.0	0.0	0.0	0.0	0.0	2.7	5.5	7.9	8.5	10.7	10.4
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P152709

CATALOG NUMBER: VXS-E01-LED-E1-SLL-7030

**CANDELA DISTRIBUTION (continued):**

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	319.4	319.4	319.4	319.4	319.4	319.4	319.4	319.4	319.4	319.4	319.4
2.5°	324.2	324.9	324.6	324.2	324.9	324.2	324.6	324.2	324.2	323.9	323.9
5°	334.6	335.5	333.7	333.4	332.7	331.2	331.2	330.7	330.7	329.4	328.5
7.5°	341.2	341.6	340.1	339.8	338.2	336.7	335.5	334.3	334.0	333.1	331.2
10°	347.7	347.0	345.9	344.4	342.8	340.7	339.2	337.6	337.3	335.9	333.7
12.5°	353.2	352.8	350.5	348.9	346.4	344.4	342.5	340.7	339.8	337.9	334.9
15°	356.8	355.0	351.9	349.2	346.4	344.0	341.9	339.8	338.9	336.7	333.7
17.5°	355.3	351.9	348.0	344.7	340.9	337.9	336.1	334.0	332.4	331.2	326.9
20°	349.8	345.0	338.9	334.9	330.1	326.1	324.9	322.7	321.5	316.9	311.5
22.5°	335.5	328.5	320.9	315.1	309.6	305.7	302.6	300.5	297.4	294.7	286.2
25°	317.5	309.6	301.8	294.7	287.4	281.3	275.9	270.7	269.1	263.3	255.1
27.5°	300.2	291.4	283.4	275.2	265.8	258.1	248.7	241.5	236.6	230.5	222.9
30°	281.7	272.7	262.2	251.2	240.2	232.0	221.3	212.5	206.4	200.0	193.1
32.5°	258.1	247.6	234.7	222.6	212.5	202.8	192.1	183.6	177.5	171.7	165.0
35°	231.4	217.4	203.6	190.3	179.6	171.4	162.0	155.5	151.3	146.1	139.2
37.5°	200.6	184.8	170.2	159.8	150.4	142.5	135.8	131.8	127.3	124.6	120.2
40°	169.5	154.1	139.8	130.3	122.4	117.8	114.2	113.3	110.3	106.5	103.8
42.5°	142.2	127.3	113.3	105.6	100.5	99.3	97.4	97.4	95.9	93.2	91.3
45°	123.6	108.1	95.9	90.5	87.7	87.4	86.4	86.4	86.1	85.0	82.8
47.5°	110.3	96.2	86.7	83.4	82.8	82.2	81.2	80.9	80.7	79.8	78.5
50°	98.0	86.1	80.1	78.5	78.9	77.9	77.0	76.1	75.9	74.9	73.7
52.5°	86.7	78.2	74.3	73.4	73.4	73.4	72.7	72.7	72.1	71.8	70.7
55°	80.4	74.0	71.8	71.5	71.2	71.0	70.4	70.4	69.7	69.4	67.9
57.5°	74.9	71.0	69.7	69.1	68.8	68.2	67.9	67.9	67.9	67.9	66.1
60°	70.7	68.8	68.5	67.9	67.6	66.3	65.8	65.5	65.8	66.1	64.2
62.5°	66.1	65.8	65.5	64.9	64.6	63.3	62.4	61.8	62.4	63.0	62.7
63°	64.9	64.6	64.6	64.2	63.9	62.4	61.5	60.9	61.5	62.1	62.1
65°	60.6	60.9	60.9	60.6	60.3	59.4	58.1	57.5	57.8	58.8	59.1
67.5°	56.1	56.4	56.1	56.4	56.1	55.4	54.5	53.9	53.6	53.9	54.2
70°	51.7	52.3	52.0	51.7	51.5	51.5	50.9	49.9	49.6	49.3	49.3
72.5°	48.1	48.1	47.5	47.5	47.2	47.2	46.6	45.7	45.4	45.4	44.8
75°	44.1	44.1	43.2	43.2	42.6	42.9	42.3	41.5	41.1	41.1	40.8
77.5°	41.7	40.8	39.3	39.0	38.7	38.7	38.3	37.4	37.1	37.1	36.8
80°	36.8	35.0	33.5	33.2	33.5	34.1	34.1	33.5	33.5	33.5	33.5
82.5°	28.6	28.0	27.0	26.5	26.5	27.4	28.6	29.2	29.8	30.5	30.5
85°	21.0	21.3	21.0	20.1	19.8	20.7	22.0	23.1	23.4	24.7	24.4
87.5°	11.3	11.6	10.7	10.4	11.3	11.9	13.1	13.4	14.0	14.3	14.6
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P152709

CATALOG NUMBER: VXS-E01-LED-E1-SLL-7030

**CANDELA DISTRIBUTION (continued):**

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	319.4	319.4	319.4	319.4	319.4	319.4	319.4	319.4	319.4	319.4	319.4
2.5°	323.6	323.3	323.6	323.0	323.0	322.4	321.8	321.5	320.9	320.6	320.0
5°	329.1	328.2	327.3	326.9	325.8	324.6	323.6	322.1	320.9	318.8	318.1
7.5°	332.7	330.7	329.4	329.1	327.3	326.3	324.2	322.4	320.6	317.8	316.9
10°	334.3	332.1	330.1	329.1	326.9	325.5	323.3	320.6	319.1	316.4	315.8
12.5°	336.1	332.1	328.8	326.3	323.3	320.0	317.8	316.4	314.2	312.6	312.0
15°	332.7	327.6	322.4	317.8	313.0	309.3	307.2	304.8	302.3	301.5	301.5
17.5°	323.6	316.9	308.1	302.3	297.1	293.2	290.5	288.0	287.7	286.5	287.0
20°	304.8	296.0	287.4	283.1	280.1	277.6	274.9	273.7	272.7	271.0	270.4
22.5°	278.5	271.3	265.2	262.2	259.7	256.7	254.2	250.6	249.6	247.8	246.9
25°	249.6	243.8	238.7	236.6	235.0	230.8	229.2	224.4	221.0	218.9	220.1
27.5°	220.7	216.5	211.6	208.8	208.0	203.9	202.5	197.0	194.2	194.2	191.2
30°	190.9	186.9	183.9	180.8	180.2	175.3	171.4	169.2	166.2	165.0	162.9
32.5°	162.9	159.0	156.5	154.9	152.5	148.6	144.7	140.9	136.1	134.3	133.4
35°	137.0	134.0	130.9	129.7	126.3	122.1	117.2	114.2	108.4	106.2	105.4
37.5°	117.2	113.6	111.4	108.1	104.8	100.2	96.5	93.8	91.6	90.8	90.8
40°	101.3	98.7	96.2	93.5	90.8	88.3	86.4	85.9	85.6	85.6	86.1
42.5°	89.5	87.0	85.9	84.4	83.4	83.4	83.1	83.4	83.7	84.0	85.0
45°	81.6	80.1	79.5	79.2	79.8	80.4	80.7	81.2	82.5	83.1	83.4
47.5°	77.3	76.1	75.9	76.1	77.0	78.2	79.5	80.4	81.2	81.6	81.9
50°	73.1	71.5	71.0	71.5	72.7	74.6	75.5	77.0	77.6	78.2	77.6
52.5°	69.4	68.2	67.9	67.9	69.1	70.4	71.5	72.7	73.1	73.1	72.7
55°	66.3	65.5	64.6	65.2	66.1	67.3	69.1	70.1	70.7	71.0	71.0
57.5°	63.9	63.0	62.1	62.7	63.6	64.9	66.6	67.6	68.2	69.1	69.4
60°	62.1	60.9	60.0	60.9	61.8	63.6	65.2	66.1	67.6	67.9	67.9
62.5°	60.3	59.1	57.5	58.4	58.4	59.4	60.9	62.1	63.6	64.2	64.2
63°	60.0	58.8	57.2	57.8	57.8	58.4	59.7	60.9	62.7	63.3	63.0
65°	57.5	57.2	55.8	55.8	55.1	55.8	56.6	57.8	58.8	59.7	59.7
67.5°	53.6	53.3	53.0	53.0	53.0	53.6	54.2	55.1	56.1	56.6	56.4
70°	49.0	49.0	49.0	49.3	49.3	49.9	50.3	49.9	50.9	51.5	51.2
72.5°	45.1	44.8	44.5	45.1	44.8	44.8	45.4	45.1	46.0	46.0	46.3
75°	40.8	40.5	40.5	40.8	40.2	39.6	39.9	39.9	40.2	40.2	40.8
77.5°	37.1	37.1	37.1	36.8	36.3	36.0	35.6	35.6	35.6	35.6	36.0
80°	33.8	33.8	33.8	33.5	32.8	32.2	31.7	31.4	31.1	29.5	29.5
82.5°	30.5	30.5	30.5	30.5	30.2	29.5	28.6	26.2	25.0	23.7	24.0
85°	24.0	24.7	25.3	26.2	25.9	25.9	24.0	21.0	19.2	17.9	18.2
87.5°	15.5	13.7	13.7	13.4	12.7	12.2	12.2	10.4	8.5	7.6	7.9
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P152709  
 CATALOG NUMBER: VXS-E01-LED-E1-SLL-7030

REPORT N  
 CATALOG

**CANDELA DISTRIBUTION (continued):**

**CANDELA**

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°	
0°	319.4	319.4	319.4	319.4	319.4	319.4	319.4	319.4	319.4	319.4	319.4	0°
2.5°	320.0	319.4	318.8	318.8	317.8	317.8	317.2	318.4	317.2	316.4	316.4	2.5°
5°	317.5	316.9	315.1	314.8	313.6	313.6	313.6	313.0	313.0	312.3	312.0	5°
7.5°	316.1	314.5	313.0	312.0	312.0	311.5	312.6	312.0	312.3	312.3	312.6	7.5°
10°	314.8	313.6	313.0	312.6	312.6	313.6	314.5	314.8	314.5	314.8	314.8	10°
12.5°	311.7	312.3	312.6	313.9	315.4	317.2	319.4	319.7	320.3	320.3	320.9	12.5°
15°	302.0	303.5	305.4	308.4	312.3	316.4	320.3	323.6	326.6	328.2	329.4	15°
17.5°	288.3	289.8	293.2	296.6	301.8	307.5	314.2	320.0	326.3	332.1	337.9	17.5°
20°	269.7	272.2	273.1	279.2	285.3	293.2	301.1	310.3	321.2	332.1	343.4	20°
22.5°	245.7	248.4	252.6	257.6	263.9	273.7	283.1	297.4	312.0	327.6	345.3	22.5°
25°	218.9	222.0	225.6	230.8	237.2	247.6	261.2	276.5	294.4	314.8	336.7	25°
27.5°	191.2	194.2	197.3	200.9	208.3	219.2	235.3	251.2	271.0	293.2	318.8	27.5°
30°	163.5	163.8	165.6	170.2	177.8	192.1	203.9	223.7	244.5	267.9	297.4	30°
32.5°	133.1	132.7	134.9	138.9	146.1	159.8	174.4	193.7	214.0	243.5	274.0	32.5°
35°	105.9	105.9	109.9	113.9	122.1	131.8	144.7	161.7	185.7	213.2	243.5	35°
37.5°	91.6	93.8	96.2	100.2	106.5	114.2	125.4	140.3	159.3	185.4	213.4	37.5°
40°	87.0	88.3	90.5	94.1	99.6	106.5	114.8	126.0	140.6	161.7	187.3	40°
42.5°	85.3	85.6	86.7	89.5	94.4	101.3	109.9	120.0	130.9	145.8	168.1	42.5°
45°	83.4	83.1	83.7	85.9	89.8	97.7	107.5	118.4	129.4	141.9	160.1	45°
47.5°	81.9	81.9	81.9	82.8	86.4	94.4	105.6	118.4	131.5	145.5	163.5	47.5°
50°	77.6	77.3	77.3	77.9	80.7	89.2	102.6	118.1	135.1	153.5	173.9	50°
52.5°	72.7	72.7	73.1	73.4	75.9	84.4	99.3	118.1	139.5	163.8	189.3	52.5°
55°	71.2	71.5	71.8	71.5	73.4	80.7	95.6	116.3	141.2	172.0	206.1	55°
57.5°	70.1	70.7	70.7	70.4	71.5	77.6	91.9	112.6	139.8	175.0	218.0	57.5°
60°	68.2	68.2	68.2	67.3	67.9	73.4	86.4	106.8	134.9	172.3	219.8	60°
62.5°	64.2	64.2	63.6	63.3	63.0	67.3	79.2	98.3	126.0	165.0	215.2	62.5°
63°	63.3	63.0	63.0	62.1	62.1	66.1	77.6	97.1	123.6	163.2	213.4	63°
65°	60.0	60.0	60.0	59.4	59.1	62.1	71.5	88.6	114.2	154.6	204.2	65°
67.5°	56.4	56.6	56.1	55.8	55.4	57.2	64.6	77.9	99.6	136.7	187.3	67.5°
70°	51.2	51.5	51.5	51.2	50.9	52.0	56.6	66.9	82.5	113.9	159.5	70°
72.5°	46.6	47.2	47.2	47.8	47.8	48.7	50.6	55.8	66.1	88.9	125.4	72.5°
75°	41.7	42.0	42.6	43.2	42.6	42.3	42.6	46.6	51.7	65.8	89.5	75°
77.5°	37.4	38.3	38.3	38.0	37.1	36.6	36.6	38.3	42.6	49.9	63.9	77.5°
80°	31.1	32.5	32.8	31.9	31.1	31.1	31.7	32.8	35.6	41.1	48.4	80°
82.5°	25.0	26.5	26.8	27.0	26.8	27.7	27.7	28.0	29.5	33.8	39.6	82.5°
85°	19.2	20.4	21.3	21.7	22.0	22.2	22.0	20.4	21.3	24.0	26.8	85°
87.5°	8.5	8.8	8.2	8.5	8.2	8.5	8.8	7.4	7.0	9.4	9.7	87.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	90°



NUMBER: P152709

NUMBER: VXS-E01-LED-E1-SLL-7030

**DISTRIBUTION (continued):**

330°	335°	340°	345°	350°	355°	360°
319.4	319.4	319.4	319.4	319.4	319.4	319.4
316.1	316.1	316.4	315.8	315.8	316.1	315.1
311.2	312.3	312.3	312.3	311.7	312.3	312.6
312.3	313.3	313.9	313.9	313.6	314.8	315.8
313.9	315.4	316.1	316.1	316.1	317.5	319.7
319.7	320.9	321.8	321.8	322.4	324.2	326.6
330.4	331.8	331.8	331.5	333.4	335.5	338.2
342.2	346.4	348.6	348.3	349.8	352.5	355.6
353.5	365.4	370.5	374.2	375.6	379.4	380.2
362.9	382.7	397.0	409.2	414.9	418.7	422.9
359.6	386.3	411.9	436.9	454.5	472.5	480.1
345.9	379.4	412.8	449.3	481.3	513.3	536.5
329.1	369.3	414.4	466.1	516.7	565.7	604.7
309.9	359.9	417.7	481.7	548.0	612.2	668.6
285.9	341.9	409.5	483.2	561.5	639.4	712.4
255.4	317.5	390.3	472.2	562.0	651.2	738.5
225.0	286.8	365.9	456.4	554.1	654.0	755.0
203.6	259.4	341.2	436.3	541.3	649.7	762.9
189.0	239.6	319.4	418.0	527.6	642.1	764.1
187.9	231.1	305.1	404.7	516.7	635.3	764.1
198.2	235.6	300.2	397.9	512.1	633.3	764.8
217.7	253.9	309.0	403.1	515.8	636.0	767.6
241.1	281.7	332.7	421.0	531.3	645.2	773.6
262.5	313.6	373.3	455.8	559.6	668.3	790.7
274.9	340.9	416.2	504.5	608.0	714.2	824.8
276.5	356.2	454.2	557.4	666.7	766.9	879.3
275.2	357.4	459.1	567.5	679.3	780.0	898.1
268.5	357.7	472.8	602.8	722.5	835.1	950.8
251.5	348.0	477.7	630.5	777.0	907.6	1049.1
222.0	320.3	463.4	631.1	797.9	948.1	1111.2
178.4	267.6	401.6	574.2	742.6	908.2	1095.1
130.6	196.7	303.5	444.8	605.9	756.0	938.0
86.7	127.3	204.6	316.9	434.4	544.0	675.2
59.7	78.9	119.7	190.6	265.8	319.1	430.2
43.8	52.0	66.3	97.4	127.9	157.4	224.7
27.4	29.8	33.2	48.1	68.8	92.8	140.0
7.4	7.6	7.0	9.4	14.9	14.3	15.9
0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)