

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: P153301

Luminaire Tested: **VXS-E03-LED-E1-SLR-7050**

Issue Date: 03/03/2020

Test Information

Test Method: LM-79-08
Report Number: P153301
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-E03-LED-E1-SLR-7050
Description: VISION SITE SMALL LED LUMINAIRE
(3) LIGHTBARS WITH AccuLED OPTICS - 90° SPILL LIGHT ELIMINATOR RIGHT
Light Source: (63) 5000K CCT, 70 CRI LEDs
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 8565.3 lumens
Efficiency: N/A
Efficacy: 113.9 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 1' x H: 0')
IES Classification: Type IV - Short - Non-Cutoff
BUG Rating: B1 - U0 - G3

Input Watts (W): 75.2
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: 25 FT



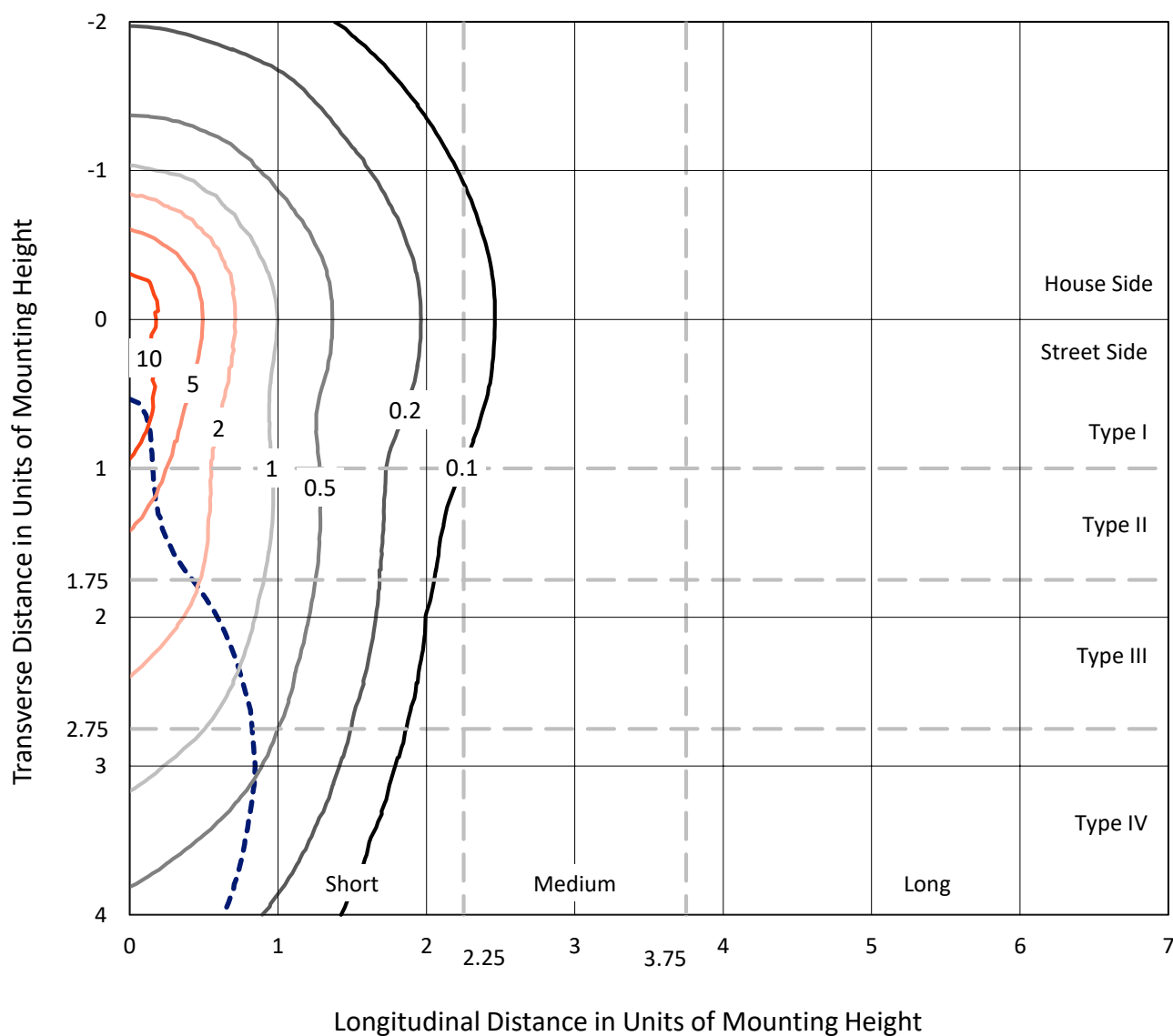
REPORT NUMBER: P153301

CATALOG NUMBER: VXS-E03-LED-E1-SLR-7050

Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

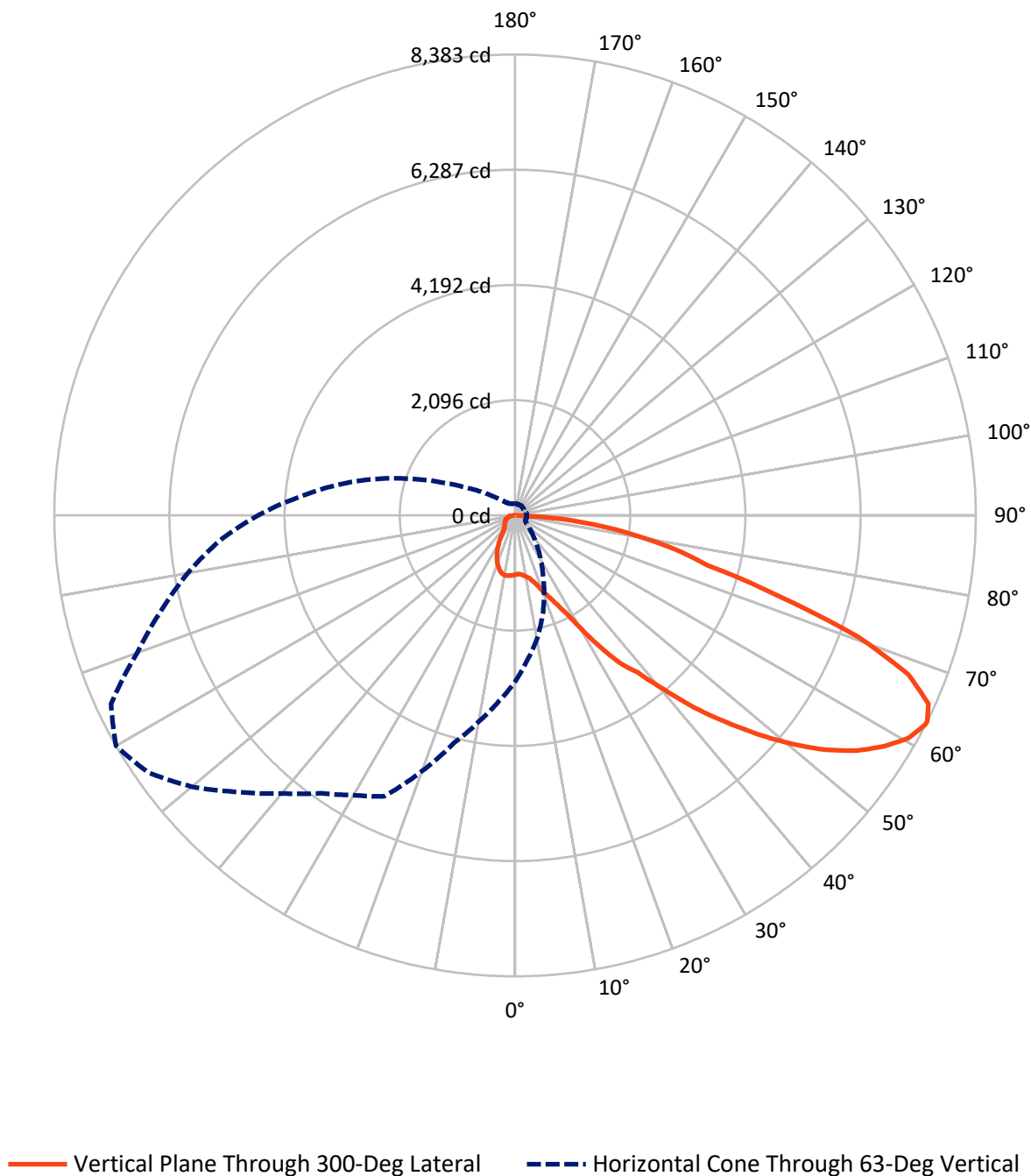


Based on 10 foot mounting height. Maximum calculated value = 13.5 fc
 Type IV - Short - Non-Cutoff

REPORT NUMBER: P153301

CATALOG NUMBER: VXS-E03-LED-E1-SLR-7050

Luminous Intensity Polar Plot



REPORT NUMBER: P153301

CATALOG NUMBER: VXS-E03-LED-E1-SLR-7050

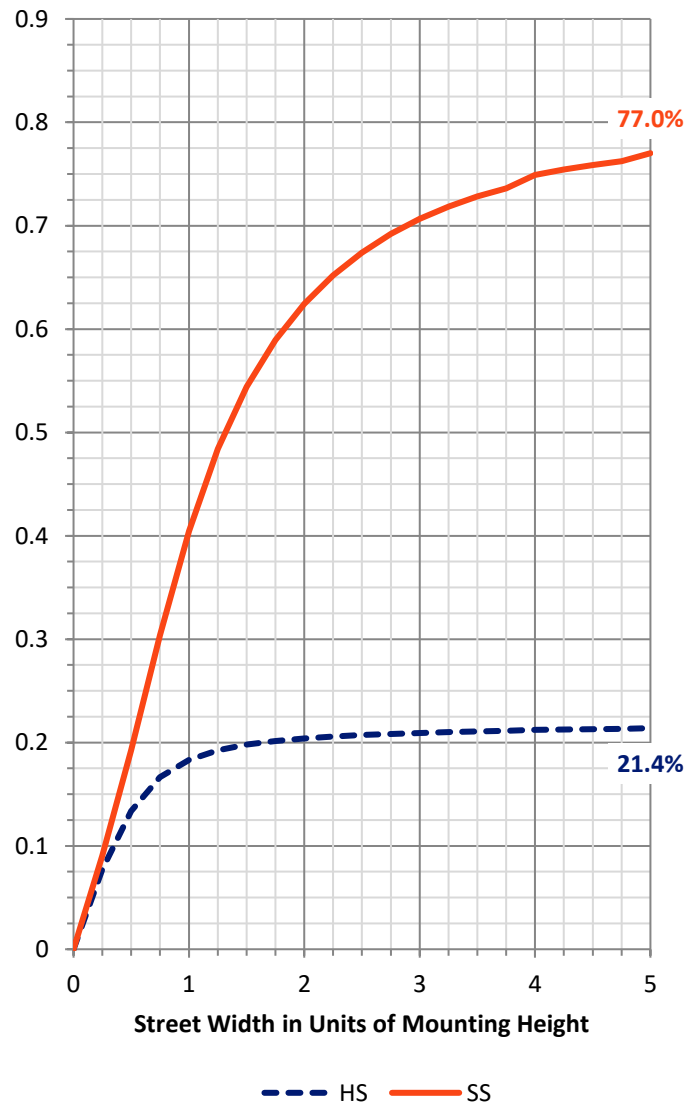
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1857.3	0.0	1857.3
	% Fixture	21.7	0.0	21.7
Street Side	Lumens	6707.9	0.0	6707.9
	% Fixture	78.3	0.0	78.3
Total	Lumens	8565.3	0.0	8565.3
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	104.8	1.2
10°-20°	326.3	3.8
20°-30°	579.7	6.8
30°-40°	912.9	10.7
40°-50°	1343.6	15.7
50°-60°	1784.6	20.8
60°-70°	1965.8	23.0
70°-80°	1233.3	14.4
80°-90°	314.1	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°	8565.3	100.0
0°-180°	8565.3	100.0

Coefficient of Utilization



REPORT NUMBER: P153301

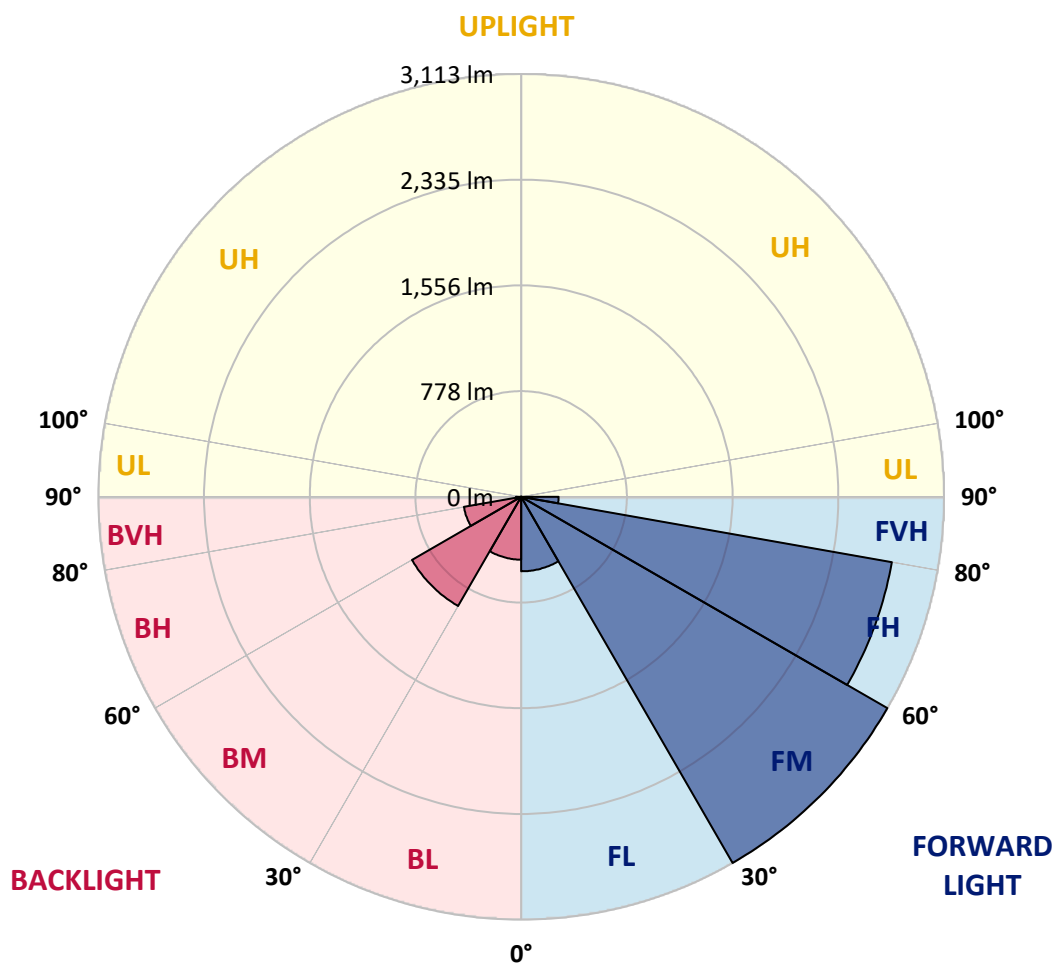
CATALOG NUMBER: VXS-E03-LED-E1-SLR-7050

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	548.4	6.4			
FM	(30°-60°)	3112.8	36.3			
FH	(60°-80°)	2771.0	32.4			G2/5000
FVH	(80°-90°)	275.7	3.2			G3/500
BL	(0°-30°)	462.4	5.4	B1/500		
BM	(30°-60°)	928.3	10.8	B1/1000		
BH	(60°-80°)	428.1	5.0	B1/500		G1/500
BVH	(80°-90°)	38.5	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-G3

Type IV Short



REPORT NUMBER: P153301

CATALOG NUMBER: VXS-E03-LED-E1-SLR-7050

CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	1076.4	1076.4	1076.4	1076.4	1076.4	1076.4	1076.4	1076.4	1076.4	1076.4	1076.4
2.5°	1062.0	1065.1	1064.0	1064.0	1066.1	1065.1	1065.1	1066.1	1066.1	1069.2	1073.3
5°	1053.8	1052.7	1050.8	1052.7	1052.7	1052.7	1048.7	1051.7	1052.7	1054.8	1054.8
7.5°	1064.0	1061.0	1056.9	1057.9	1057.9	1055.9	1052.7	1053.8	1052.7	1052.7	1051.7
10°	1077.4	1070.3	1065.1	1065.1	1065.1	1063.0	1057.9	1061.0	1061.0	1060.0	1061.0
12.5°	1101.0	1092.8	1086.6	1084.6	1084.6	1081.6	1077.4	1081.6	1079.5	1079.5	1077.4
15°	1140.0	1130.8	1123.6	1117.4	1118.4	1118.4	1113.4	1110.3	1106.1	1101.0	1090.8
17.5°	1198.4	1188.2	1179.0	1173.9	1174.9	1167.7	1153.4	1139.0	1119.5	1100.0	1078.4
20°	1281.6	1278.5	1266.2	1261.0	1248.8	1231.3	1191.3	1157.4	1119.5	1082.6	1045.6
22.5°	1425.3	1410.9	1398.5	1379.1	1338.0	1289.8	1223.1	1163.6	1104.0	1051.7	1002.5
25°	1618.1	1592.5	1532.0	1472.4	1388.3	1302.2	1211.8	1134.9	1061.0	992.2	931.7
27.5°	1808.0	1730.1	1622.3	1514.5	1391.4	1278.5	1165.7	1074.3	988.2	913.3	846.5
30°	2037.8	1906.5	1741.3	1571.0	1396.6	1244.7	1109.2	1002.5	903.0	823.9	754.2
32.5°	2253.4	2063.5	1846.9	1623.3	1407.8	1212.8	1044.6	923.5	820.9	721.3	652.6
35°	2401.0	2154.8	1892.1	1628.4	1380.1	1152.3	963.5	820.9	718.2	625.9	544.9
37.5°	2489.3	2194.8	1894.2	1591.5	1315.4	1070.3	860.9	719.3	624.9	536.7	473.1
40°	2544.8	2204.0	1867.5	1538.1	1233.4	966.6	758.3	631.1	544.9	474.1	424.8
42.5°	2571.4	2189.7	1824.5	1470.4	1150.3	874.2	686.4	566.4	491.5	441.2	404.2
45°	2575.5	2164.0	1778.2	1408.8	1076.4	807.6	637.2	539.7	478.1	436.1	399.2
47.5°	2575.5	2141.5	1741.3	1363.7	1028.2	778.9	633.1	551.0	490.5	443.3	399.2
50°	2577.6	2134.3	1725.9	1341.1	1011.7	794.2	668.0	585.9	517.2	455.5	398.1
52.5°	2586.8	2143.5	1738.2	1358.5	1041.5	855.8	733.7	638.2	552.0	469.9	398.1
55°	2607.4	2174.3	1790.6	1419.1	1121.6	949.1	812.6	694.7	579.8	476.1	392.0
57.5°	2664.8	2252.3	1886.0	1536.1	1258.0	1056.9	884.5	734.7	590.1	471.0	379.7
60°	2779.7	2407.3	2049.1	1700.2	1402.7	1149.2	926.5	740.8	580.7	454.6	360.2
62.5°	2963.4	2584.8	2247.2	1878.8	1531.0	1200.5	931.7	725.5	556.2	424.8	331.4
63°	3027.0	2628.9	2289.2	1912.6	1547.4	1204.7	927.6	719.3	549.9	416.6	327.4
65°	3204.6	2814.6	2434.9	2031.7	1593.6	1205.7	905.0	688.5	521.2	384.8	298.5
67.5°	3536.0	3058.9	2618.7	2125.1	1609.9	1172.8	847.6	631.1	460.7	335.5	262.7
70°	3745.3	3195.3	2689.4	2127.2	1561.8	1079.5	748.0	537.7	383.7	278.0	225.7
72.5°	3690.9	3060.8	2502.7	1935.2	1353.5	902.0	601.3	422.8	299.6	222.7	187.8
75°	3161.5	2547.8	2042.0	1499.2	1023.0	662.9	440.2	301.7	221.7	174.4	157.0
77.5°	2275.9	1833.7	1464.2	1068.2	689.5	428.9	292.4	215.4	168.3	143.6	129.3
80°	1449.8	1075.3	895.8	642.4	403.2	265.8	201.1	163.1	138.5	120.1	110.8
82.5°	757.3	530.5	431.0	328.4	223.7	175.4	147.8	133.4	113.9	99.5	94.4
85°	472.0	313.0	231.9	162.2	111.8	100.5	92.3	90.3	81.0	71.8	68.7
87.5°	53.4	48.2	50.3	31.8	23.6	25.7	24.7	32.8	31.8	23.6	24.7
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: P153301

CATALOG NUMBER: VXS-E03-LED-E1-SLR-7050

CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	1076.4	1076.4	1076.4	1076.4	1076.4	1076.4	1076.4	1076.4	1076.4	1076.4	1076.4
2.5°	1069.2	1071.3	1071.3	1074.3	1074.3	1076.4	1078.4	1078.4	1080.5	1081.6	1083.5
5°	1056.9	1056.9	1056.9	1061.0	1062.0	1068.2	1070.3	1072.3	1074.3	1081.6	1085.6
7.5°	1053.8	1049.7	1051.7	1051.7	1054.8	1060.0	1065.1	1068.2	1071.3	1080.5	1086.6
10°	1060.0	1056.9	1053.8	1053.8	1054.8	1056.9	1061.0	1064.0	1066.1	1075.3	1080.5
12.5°	1076.4	1069.2	1063.0	1057.9	1053.8	1052.7	1050.8	1051.7	1053.8	1059.0	1066.1
15°	1079.5	1066.1	1052.7	1039.5	1029.2	1023.0	1017.9	1015.9	1015.9	1019.0	1027.2
17.5°	1059.0	1036.4	1016.9	999.4	988.2	976.9	971.7	967.7	965.6	969.6	970.7
20°	1014.8	988.2	961.5	940.9	920.4	917.3	909.1	911.2	913.3	919.4	922.5
22.5°	954.3	922.5	889.6	868.1	851.7	837.3	828.1	832.1	835.2	841.5	844.5
25°	880.4	834.2	799.4	777.8	760.3	748.0	737.7	741.9	737.7	745.0	756.3
27.5°	793.2	738.8	701.9	677.2	664.9	654.6	644.4	644.4	654.6	654.6	663.9
30°	687.5	647.5	599.3	573.6	558.2	552.0	551.0	549.0	556.2	560.2	570.5
32.5°	588.0	538.8	492.5	467.9	454.6	447.4	448.4	449.4	452.5	458.7	475.1
35°	487.4	444.4	411.5	383.7	370.5	357.1	357.1	355.0	358.1	365.3	384.8
37.5°	422.8	384.8	359.2	337.6	324.2	316.1	308.8	305.8	305.8	308.8	316.1
40°	386.8	359.2	335.5	317.1	304.8	297.6	293.5	290.4	288.3	288.3	289.3
42.5°	370.5	341.7	318.1	301.7	292.4	288.3	287.4	286.3	283.2	282.2	281.1
45°	362.2	329.4	302.7	289.3	282.2	280.1	281.1	281.1	280.1	278.0	274.0
47.5°	356.1	318.1	291.4	279.1	276.1	276.1	276.1	276.1	275.0	274.0	270.9
50°	345.8	300.6	271.9	262.7	260.6	260.6	261.7	261.7	263.7	261.7	259.6
52.5°	334.5	284.2	255.5	247.3	246.2	245.3	245.3	245.3	246.2	246.2	245.3
55°	322.2	271.9	247.3	241.1	242.2	241.1	240.1	239.1	239.1	238.0	236.0
57.5°	309.8	261.7	241.1	237.0	238.0	238.0	236.0	234.0	233.0	229.8	227.8
60°	291.4	247.3	228.8	226.7	229.8	229.8	229.8	228.8	228.8	227.8	222.7
62.5°	266.7	226.7	212.4	213.5	214.5	216.5	216.5	216.5	216.5	214.5	209.3
63°	261.7	222.7	209.3	209.3	212.4	212.4	213.5	212.4	213.5	211.4	205.2
65°	241.1	209.3	199.1	200.1	202.2	202.2	202.2	201.1	201.1	198.0	194.9
67.5°	217.5	193.0	186.7	187.8	188.8	190.9	189.8	189.8	190.9	188.8	185.7
70°	190.9	175.4	171.4	172.4	173.4	173.4	172.4	172.4	173.4	171.4	168.3
72.5°	170.4	164.1	161.1	161.1	159.1	159.1	157.0	156.0	154.9	154.9	151.8
75°	143.6	142.6	143.6	145.7	143.6	141.6	140.6	137.5	135.4	135.4	134.4
77.5°	123.1	123.1	125.2	128.3	129.3	129.3	126.2	121.0	120.1	120.1	120.1
80°	106.7	104.7	104.7	107.8	110.8	109.8	104.7	99.5	99.5	104.7	105.7
82.5°	93.4	93.4	90.3	91.3	90.3	89.2	84.1	81.0	80.0	84.1	88.3
85°	73.9	74.9	73.9	72.8	71.8	68.7	64.7	61.6	60.5	64.7	70.8
87.5°	29.7	28.7	27.7	28.7	27.7	29.7	28.7	26.6	25.7	28.7	34.9
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: P153301

CATALOG NUMBER: VXS-E03-LED-E1-SLR-7050

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	1076.4	1076.4	1076.4	1076.4	1076.4	1076.4	1076.4	1076.4	1076.4	1076.4	1076.4
2.5°	1084.6	1086.6	1088.7	1088.7	1090.8	1089.7	1090.8	1091.8	1091.8	1092.8	1092.8
5°	1090.8	1093.8	1097.9	1102.1	1103.1	1106.1	1109.2	1107.2	1110.3	1114.3	1114.3
7.5°	1092.8	1100.0	1103.1	1109.2	1110.3	1114.3	1121.6	1116.4	1122.6	1125.6	1126.6
10°	1089.7	1096.9	1102.1	1109.2	1112.3	1119.5	1126.6	1124.7	1131.8	1136.9	1137.9
12.5°	1071.3	1078.4	1089.7	1100.0	1108.2	1119.5	1132.8	1128.7	1139.0	1145.2	1148.2
15°	1035.3	1042.5	1054.8	1071.3	1086.6	1104.0	1121.6	1124.7	1134.9	1142.1	1145.2
17.5°	978.9	988.2	1001.5	1019.0	1038.4	1068.2	1090.8	1102.1	1116.4	1120.5	1125.6
20°	926.5	935.9	944.0	954.3	968.6	997.4	1027.2	1049.7	1068.2	1083.5	1087.7
22.5°	856.8	865.0	875.2	883.5	893.8	914.3	938.9	964.6	993.3	1002.5	1012.7
25°	772.6	777.8	792.1	797.3	804.5	821.9	841.5	859.9	887.6	907.0	912.2
27.5°	682.4	687.5	700.8	703.9	713.2	729.5	743.9	751.1	776.8	797.3	813.7
30°	577.7	591.1	607.5	609.5	619.8	630.1	643.4	650.6	674.2	695.8	716.3
32.5°	487.4	500.7	514.1	522.3	527.5	535.6	549.0	556.2	578.8	598.2	618.8
35°	395.0	411.5	425.8	437.1	441.2	451.5	461.8	468.9	492.5	509.9	524.4
37.5°	325.3	337.6	353.0	364.2	375.5	382.7	395.0	405.3	419.7	428.9	444.4
40°	291.4	297.6	305.8	315.0	324.2	332.4	341.7	349.9	359.2	371.4	381.8
42.5°	280.1	281.1	281.1	284.2	289.3	293.5	301.7	307.9	314.0	323.2	328.4
45°	271.9	270.9	268.8	266.7	267.8	269.8	275.0	279.1	286.3	290.4	291.4
47.5°	267.8	263.7	259.6	256.5	255.5	256.5	260.6	264.8	268.8	271.9	273.0
50°	254.5	251.4	245.3	241.1	239.1	241.1	246.2	248.3	252.4	255.5	256.5
52.5°	241.1	237.0	233.0	228.8	228.8	229.8	234.0	238.0	242.2	243.2	245.3
55°	233.0	226.7	222.7	219.6	217.5	220.6	223.7	228.8	234.0	235.0	237.0
57.5°	224.8	218.5	214.5	211.4	209.3	212.4	215.4	222.7	228.8	228.8	228.8
60°	219.6	214.5	208.3	205.2	202.2	205.2	209.3	216.5	222.7	221.7	220.6
62.5°	205.2	200.1	197.0	197.0	193.9	199.1	203.2	211.4	212.4	210.4	208.3
63°	201.1	197.0	194.9	194.9	193.0	198.0	202.2	209.3	209.3	207.3	205.2
65°	190.9	187.8	185.7	187.8	187.8	193.0	193.9	199.1	198.0	194.9	193.9
67.5°	182.7	180.6	178.5	178.5	178.5	179.6	180.6	182.7	181.7	180.6	181.7
70°	169.3	168.3	166.2	166.2	165.2	165.2	165.2	166.2	166.2	167.3	168.3
72.5°	152.8	150.9	150.9	151.8	149.8	150.9	151.8	150.9	152.8	152.8	153.9
75°	134.4	133.4	135.4	137.5	136.5	136.5	137.5	137.5	138.5	138.5	139.6
77.5°	120.1	121.0	122.1	124.1	125.2	125.2	125.2	124.1	125.2	125.2	126.2
80°	106.7	108.8	110.8	112.8	113.9	113.9	113.9	112.8	112.8	112.8	112.8
82.5°	96.5	99.5	101.6	102.6	102.6	102.6	102.6	102.6	102.6	100.5	98.5
85°	81.0	87.3	87.3	88.3	85.2	83.1	81.0	82.1	83.1	79.0	78.0
87.5°	41.0	41.0	43.1	45.2	46.2	46.2	52.3	49.2	48.2	47.2	45.2
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: P153301

CATALOG NUMBER: VXS-E03-LED-E1-SLR-7050

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	1076.4	1076.4	1076.4	1076.4	1076.4	1076.4	1076.4	1076.4	1076.4	1076.4	1076.4
2.5°	1093.8	1092.8	1094.8	1092.8	1093.8	1094.8	1092.8	1095.9	1097.9	1094.8	1091.8
5°	1116.4	1116.4	1121.6	1123.6	1124.7	1130.8	1127.7	1129.7	1131.8	1130.8	1131.8
7.5°	1130.8	1134.9	1140.0	1145.2	1146.1	1151.3	1150.3	1153.4	1155.4	1160.5	1160.5
10°	1143.1	1148.2	1155.4	1160.5	1165.7	1169.7	1171.8	1177.9	1179.0	1183.1	1183.1
12.5°	1154.4	1160.5	1167.7	1176.0	1181.0	1189.2	1190.3	1199.5	1202.6	1203.6	1200.5
15°	1152.3	1159.5	1167.7	1176.9	1186.2	1196.5	1202.6	1211.8	1217.0	1219.0	1213.9
17.5°	1132.8	1139.0	1149.2	1161.6	1172.8	1186.2	1197.5	1210.8	1219.0	1221.0	1220.0
20°	1094.8	1099.0	1112.3	1128.7	1142.1	1162.6	1179.0	1199.5	1212.8	1223.1	1226.2
22.5°	1020.0	1030.3	1043.5	1062.0	1081.6	1107.2	1130.8	1160.5	1189.2	1213.9	1238.5
25°	929.6	948.1	968.6	993.3	1016.9	1043.5	1070.3	1104.0	1146.1	1197.5	1256.0
27.5°	838.3	870.2	895.8	927.6	955.3	982.0	1011.7	1048.7	1094.8	1156.4	1231.3
30°	746.0	781.9	809.6	846.5	883.5	919.4	949.1	988.2	1033.3	1095.9	1177.9
32.5°	647.5	683.4	716.3	750.1	791.1	834.2	870.2	918.3	966.6	1031.2	1114.3
35°	545.9	577.7	605.4	641.3	686.4	732.6	779.8	835.2	887.6	955.3	1043.5
37.5°	457.6	480.2	506.9	538.8	573.6	622.8	676.2	741.9	801.3	875.2	965.6
40°	384.8	397.1	412.5	439.2	471.0	519.2	571.5	641.3	713.2	794.2	881.5
42.5°	328.4	334.5	338.7	356.1	381.8	428.9	479.2	546.9	625.9	714.2	802.4
45°	291.4	294.5	295.5	304.8	323.2	364.2	416.6	474.1	549.9	636.2	728.5
47.5°	274.0	277.1	279.1	281.1	292.4	324.2	371.4	425.8	495.6	574.6	669.0
50°	259.6	262.7	265.8	264.8	269.8	290.4	330.4	380.7	446.3	519.2	612.5
52.5°	245.3	247.3	247.3	247.3	250.4	263.7	292.4	338.7	399.2	467.9	560.2
55°	237.0	239.1	240.1	241.1	242.2	249.3	270.9	307.9	360.2	423.7	506.9
57.5°	228.8	229.8	231.9	233.0	235.0	239.1	252.4	279.1	323.2	376.6	446.3
60°	221.7	223.7	227.8	228.8	230.9	231.9	238.0	254.5	283.2	324.2	380.7
62.5°	210.4	213.5	217.5	218.5	220.6	221.7	222.7	231.9	245.3	269.8	311.9
63°	207.3	210.4	215.4	216.5	217.5	217.5	218.5	224.8	237.0	258.5	289.3
65°	196.0	200.1	203.2	204.1	205.2	205.2	204.1	206.2	207.3	216.5	235.0
67.5°	183.6	186.7	188.8	189.8	188.8	189.8	188.8	186.7	184.7	186.7	194.9
70°	171.4	173.4	173.4	174.4	175.4	176.5	174.4	172.4	170.4	169.3	174.4
72.5°	157.0	159.1	159.1	160.1	160.1	162.2	162.2	161.1	161.1	162.2	163.1
75°	142.6	144.7	143.6	145.7	145.7	148.8	148.8	149.8	151.8	150.9	149.8
77.5°	129.3	130.4	130.4	131.3	132.3	137.5	140.6	141.6	141.6	139.6	137.5
80°	114.9	114.9	112.8	111.8	112.8	118.0	124.1	125.2	128.3	127.3	128.3
82.5°	96.5	92.3	89.2	89.2	91.3	94.4	96.5	98.5	100.5	100.5	102.6
85°	73.9	69.7	66.7	67.8	70.8	71.8	70.8	70.8	74.9	78.0	74.9
87.5°	44.1	40.0	37.9	34.9	36.0	39.0	37.9	34.9	36.0	28.7	26.6
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: P153301

CATALOG NUMBER: VXS-E03-LED-E1-SLR-7050

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	1076.4	1076.4	1076.4	1076.4	1076.4	1076.4	1076.4	1076.4	1076.4	1076.4	1076.4
2.5°	1093.8	1092.8	1090.8	1087.7	1086.6	1084.6	1085.6	1082.6	1080.5	1078.4	1075.3
5°	1131.8	1131.8	1125.6	1125.6	1122.6	1121.6	1114.3	1111.3	1105.1	1107.2	1100.0
7.5°	1158.4	1161.6	1154.4	1153.4	1149.2	1148.2	1139.0	1135.9	1130.8	1128.7	1122.6
10°	1177.9	1177.9	1168.7	1161.6	1156.4	1151.3	1142.1	1137.9	1133.9	1134.9	1130.8
12.5°	1193.4	1186.2	1172.8	1162.6	1155.4	1150.3	1143.1	1140.0	1139.0	1146.1	1147.2
15°	1205.7	1195.4	1179.0	1171.8	1165.7	1164.7	1164.7	1167.7	1174.9	1188.2	1198.4
17.5°	1212.8	1206.7	1198.4	1196.5	1206.7	1212.8	1221.0	1230.3	1240.5	1259.1	1270.4
20°	1226.2	1230.3	1236.5	1244.7	1261.0	1276.5	1286.7	1300.1	1312.4	1334.9	1353.5
22.5°	1261.0	1284.7	1304.1	1320.6	1345.2	1366.7	1380.1	1398.5	1407.8	1423.2	1451.9
25°	1306.2	1354.5	1395.5	1430.4	1468.4	1490.9	1509.4	1533.0	1547.4	1573.1	1598.7
27.5°	1292.8	1361.7	1423.2	1487.9	1540.2	1598.7	1639.7	1678.8	1703.3	1741.3	1775.1
30°	1251.8	1333.9	1417.1	1502.2	1585.3	1669.4	1747.5	1818.2	1872.6	1927.0	1982.5
32.5°	1196.5	1290.9	1392.4	1497.1	1605.9	1722.8	1830.6	1937.3	2027.6	2106.6	2183.5
35°	1132.8	1239.6	1345.2	1474.5	1608.9	1757.7	1907.6	2055.3	2192.7	2332.3	2426.7
37.5°	1056.9	1165.7	1283.6	1432.4	1590.5	1774.1	1965.0	2157.9	2352.8	2540.6	2703.8
40°	975.9	1086.6	1210.8	1371.9	1550.5	1763.8	2002.0	2261.6	2529.3	2801.2	3017.8
42.5°	904.0	1017.9	1153.4	1316.5	1510.5	1750.6	2031.7	2350.8	2678.1	3014.7	3332.7
45°	834.2	959.4	1102.1	1277.5	1493.0	1760.8	2075.9	2433.9	2811.5	3219.9	3607.8
47.5°	771.6	898.9	1037.4	1229.2	1467.4	1765.9	2118.9	2517.0	2937.7	3380.0	3840.7
50°	715.2	838.3	974.8	1167.7	1427.4	1762.8	2157.9	2591.9	3046.5	3506.2	4020.3
52.5°	659.8	785.0	924.6	1108.2	1378.0	1745.4	2176.4	2653.5	3147.0	3633.5	4165.0
55°	605.4	728.5	869.1	1051.7	1313.4	1700.2	2174.3	2693.6	3227.2	3753.5	4304.6
57.5°	541.8	658.8	796.3	989.1	1244.7	1630.5	2143.5	2712.0	3295.9	3872.5	4471.8
60°	462.8	572.5	705.0	897.8	1154.4	1541.2	2078.9	2701.8	3335.9	3960.7	4614.4
62.5°	365.3	460.7	581.8	770.6	1041.5	1413.0	1957.8	2608.4	3272.2	3948.5	4681.1
63°	344.8	435.0	553.1	739.8	993.3	1378.0	1921.9	2571.4	3241.5	3922.8	4671.8
65°	277.1	335.5	429.9	597.2	831.2	1206.7	1743.3	2381.6	3076.3	3742.2	4538.4
67.5°	212.4	242.2	292.4	409.4	588.0	949.1	1411.9	2018.3	2669.9	3295.9	4108.5
70°	181.7	194.9	216.5	271.9	373.5	599.3	991.2	1505.3	2069.6	2612.4	3343.0
72.5°	165.2	171.4	182.7	206.2	256.5	359.2	632.1	979.9	1407.8	1862.4	2426.7
75°	151.8	157.0	166.2	178.5	197.0	239.1	360.2	599.3	915.3	1223.1	1637.6
77.5°	138.5	141.6	151.8	163.1	175.4	197.0	238.0	344.8	526.4	721.3	987.2
80°	127.3	125.2	132.3	150.9	163.1	175.4	187.8	223.7	299.6	395.0	533.6
82.5°	101.6	103.6	109.8	128.3	133.4	130.4	132.3	138.5	167.3	182.7	273.0
85°	68.7	63.6	62.6	64.7	64.7	61.6	61.6	60.5	66.7	76.0	130.4
87.5°	18.4	9.2	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: P153301
CATALOG NUMBER: VXS-E03-LED-E1-SLR-7050

REPORT N
CATALOG

CANDELA DISTRIBUTION (continued):

CANDELA

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°	
0°	1076.4	1076.4	1076.4	1076.4	1076.4	1076.4	1076.4	1076.4	1076.4	1076.4	1076.4	0°
2.5°	1073.3	1072.3	1073.3	1068.2	1068.2	1067.2	1066.1	1064.0	1064.0	1060.0	1063.0	2.5°
5°	1093.8	1091.8	1087.7	1081.6	1078.4	1074.3	1074.3	1070.3	1067.2	1063.0	1064.0	5°
7.5°	1117.4	1118.4	1111.3	1106.1	1104.0	1100.0	1101.0	1094.8	1095.9	1092.8	1090.8	7.5°
10°	1130.8	1130.8	1132.8	1131.8	1133.9	1133.9	1136.9	1132.8	1130.8	1127.7	1127.7	10°
12.5°	1152.3	1156.4	1164.7	1164.7	1170.8	1172.8	1173.9	1176.0	1171.8	1169.7	1162.6	12.5°
15°	1205.7	1216.0	1223.1	1233.4	1245.7	1249.8	1249.8	1245.7	1243.6	1240.5	1227.3	15°
17.5°	1293.9	1316.5	1322.7	1339.1	1341.1	1346.2	1360.6	1352.4	1347.3	1325.7	1321.7	17.5°
20°	1384.2	1413.0	1441.7	1462.2	1472.4	1493.0	1496.1	1491.9	1471.4	1450.9	1441.7	20°
22.5°	1493.0	1536.1	1568.9	1600.7	1616.2	1626.4	1648.9	1643.8	1627.4	1596.6	1584.4	22.5°
25°	1646.9	1700.2	1735.1	1774.1	1794.6	1804.9	1827.5	1827.5	1810.1	1800.8	1799.8	25°
27.5°	1840.8	1906.5	1963.9	1977.3	2030.7	2043.0	2064.6	2064.6	2048.1	2036.8	2091.2	27.5°
30°	2056.3	2125.1	2224.6	2291.3	2356.0	2419.6	2418.5	2422.6	2442.2	2452.4	2476.0	30°
32.5°	2271.8	2357.0	2462.7	2607.4	2745.9	2863.8	3016.8	3114.2	3084.5	3001.3	2968.5	32.5°
35°	2533.5	2627.9	2756.2	2901.9	3155.2	3308.2	3382.1	3434.4	3440.5	3451.8	3475.4	35°
37.5°	2824.9	2982.9	3131.7	3296.9	3437.4	3623.2	3794.5	3932.0	3963.8	4028.5	3991.5	37.5°
40°	3193.3	3369.7	3525.7	3739.2	3928.0	4151.6	4396.9	4585.7	4661.6	4637.0	4452.2	40°
42.5°	3579.1	3797.6	3980.3	4231.7	4476.9	4772.4	5025.9	5289.5	5336.8	5146.9	4870.9	42.5°
45°	3934.1	4205.0	4431.7	4693.4	4993.1	5347.0	5685.7	5956.6	5947.4	5622.1	5252.6	45°
47.5°	4253.2	4585.7	4862.7	5203.4	5525.6	5947.4	6336.2	6536.3	6418.2	6033.5	5581.0	47.5°
50°	4516.9	4931.5	5273.2	5617.9	6027.4	6535.2	6909.8	7022.7	6794.8	6376.3	5900.1	50°
52.5°	4729.3	5249.5	5633.4	6030.5	6547.6	7082.2	7404.4	7362.3	7067.8	6637.9	6163.8	52.5°
55°	4908.9	5492.7	5950.4	6419.3	7060.6	7553.2	7767.7	7654.7	7243.3	6807.2	6344.5	55°
57.5°	5094.6	5728.7	6241.8	6785.6	7499.8	7922.6	8041.6	7809.6	7326.4	6871.8	6422.4	57.5°
60°	5280.3	5925.8	6499.4	7105.8	7832.2	8224.2	8191.4	7844.6	7301.8	6824.7	6370.1	60°
62.5°	5405.5	6042.7	6649.1	7302.8	8081.7	8378.1	8177.0	7720.4	7159.2	6638.9	6214.1	62.5°
63°	5408.6	6046.8	6658.4	7316.2	8109.3	8383.3	8149.3	7676.3	7114.0	6600.9	6167.9	63°
65°	5343.9	5969.8	6576.3	7255.5	8085.7	8265.3	7910.3	7415.6	6856.5	6338.2	5927.8	65°
67.5°	5013.6	5651.8	6187.5	6827.7	7663.0	7714.3	7269.9	6870.8	6368.0	5831.4	5402.5	67.5°
70°	4347.6	4878.1	5403.4	5938.0	6638.9	6629.6	6212.0	6008.9	5568.7	4957.1	4613.4	70°
72.5°	3457.9	3934.1	4303.5	4661.6	5123.3	5029.9	4761.1	4817.6	4532.3	4075.6	3871.5	72.5°
75°	2567.4	3090.7	3271.2	3416.9	3611.9	3613.0	3686.8	3846.8	3842.8	3589.3	3331.8	75°
77.5°	1683.8	2256.4	2317.0	2433.9	2667.9	2986.0	3314.3	3667.3	3755.5	3555.4	3174.8	77.5°
80°	938.9	1534.0	1464.2	1564.8	1817.2	2249.2	2733.6	3123.4	3353.3	3241.5	2838.2	80°
82.5°	480.2	884.5	845.5	985.1	1189.2	1564.8	1885.0	2184.6	2455.4	2440.1	2287.2	82.5°
85°	249.3	484.4	551.0	623.8	726.5	860.9	982.0	1069.2	1182.1	1381.1	1448.9	85°
87.5°	0.0	0.0	0.0	0.0	0.0	1.0	0.0	73.9	53.4	146.7	209.3	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: P153301

NUMBER: VXS-E03-LED-E1-SLR-7050

DISTRIBUTION (continued):

330°	335°	340°	345°	350°	355°	360°
1076.4	1076.4	1076.4	1076.4	1076.4	1076.4	1076.4
1064.0	1065.1	1063.0	1063.0	1064.0	1064.0	1062.0
1062.0	1062.0	1060.0	1057.9	1055.9	1055.9	1053.8
1085.6	1085.6	1078.4	1075.3	1070.3	1066.1	1064.0
1120.5	1114.3	1106.1	1100.0	1091.8	1082.6	1077.4
1155.4	1146.1	1135.9	1126.6	1116.4	1106.1	1101.0
1212.8	1200.5	1187.3	1176.0	1161.6	1146.1	1140.0
1301.1	1281.6	1264.1	1247.8	1222.1	1210.8	1198.4
1418.0	1389.3	1366.7	1339.1	1307.3	1297.0	1281.6
1559.7	1535.0	1489.9	1469.4	1437.6	1422.2	1425.3
1775.1	1743.3	1691.0	1671.5	1668.5	1634.6	1618.1
2056.3	2058.3	2010.2	1957.8	1929.1	1875.8	1808.0
2456.5	2428.8	2372.3	2319.0	2251.3	2150.7	2037.8
2940.8	2879.3	2785.9	2686.3	2566.3	2411.4	2253.4
3413.9	3306.1	3157.3	2991.1	2817.7	2624.8	2401.0
3829.4	3662.2	3439.5	3248.6	3003.4	2762.3	2489.3
4209.1	4001.8	3714.5	3467.3	3177.8	2868.0	2544.8
4576.5	4313.8	3961.8	3627.3	3300.0	2938.8	2571.4
4926.3	4587.7	4170.1	3771.9	3389.2	2985.0	2575.5
5195.1	4825.8	4356.9	3876.6	3450.8	3019.8	2575.5
5444.6	5026.8	4499.5	3958.8	3508.3	3043.4	2577.6
5638.4	5168.5	4591.8	4017.2	3553.4	3060.8	2586.8
5779.1	5260.8	4653.4	4053.2	3586.2	3085.5	2607.4
5877.5	5321.3	4687.3	4085.0	3626.2	3128.6	2664.8
5924.8	5433.3	4743.7	4148.5	3695.0	3219.9	2779.7
5888.8	5606.6	4904.8	4256.3	3790.5	3362.6	2963.4
5873.5	5638.4	4948.9	4279.9	3812.0	3393.4	3027.0
5753.4	5670.3	5130.6	4399.0	3914.6	3529.8	3204.6
5380.9	5545.1	5283.4	4600.0	4135.2	3861.2	3536.0
4898.7	5359.4	5255.8	4625.7	4275.8	4133.2	3745.3
4320.9	4798.0	4701.7	4284.0	4120.8	4136.3	3690.9
3400.5	3758.7	3695.0	3548.3	3581.1	3694.0	3161.5
2724.4	2676.1	2529.3	2539.6	2729.4	2861.8	2275.9
2225.6	1801.9	1611.0	1616.2	1947.6	2085.1	1449.8
2117.9	1704.4	1388.3	1212.8	1417.1	1364.8	757.3
1508.4	1511.5	1253.9	1019.0	987.2	839.4	472.0
357.1	286.3	204.1	151.8	160.1	105.7	53.4
0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)