

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: P153326

Luminaire Tested: **VXS-F05-LED-E1-SLR-7050**

Issue Date: 03/03/2020

Test Information

Test Method: LM-79-08
Report Number: P153326
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-F05-LED-E1-SLR-7050
Description: VISION SITE SMALL LED LUMINAIRE
(5) LIGHTBARS WITH AccuLED OPTICS - 90° SPILL LIGHT ELIMINATOR RIGHT
Light Source: (35) 5000K CCT, 70 CRI LEDs
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 11784.7 lumens
Efficiency: N/A
Efficacy: 88.4 lumens/watt
Luminous Opening: Rectangular (W 0.83' x L: 1' x H: 0')
IES Classification: Type IV - Short - Non-Cutoff
BUG Rating: B2 - U0 - G3

Input Watts (W): 133.3
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



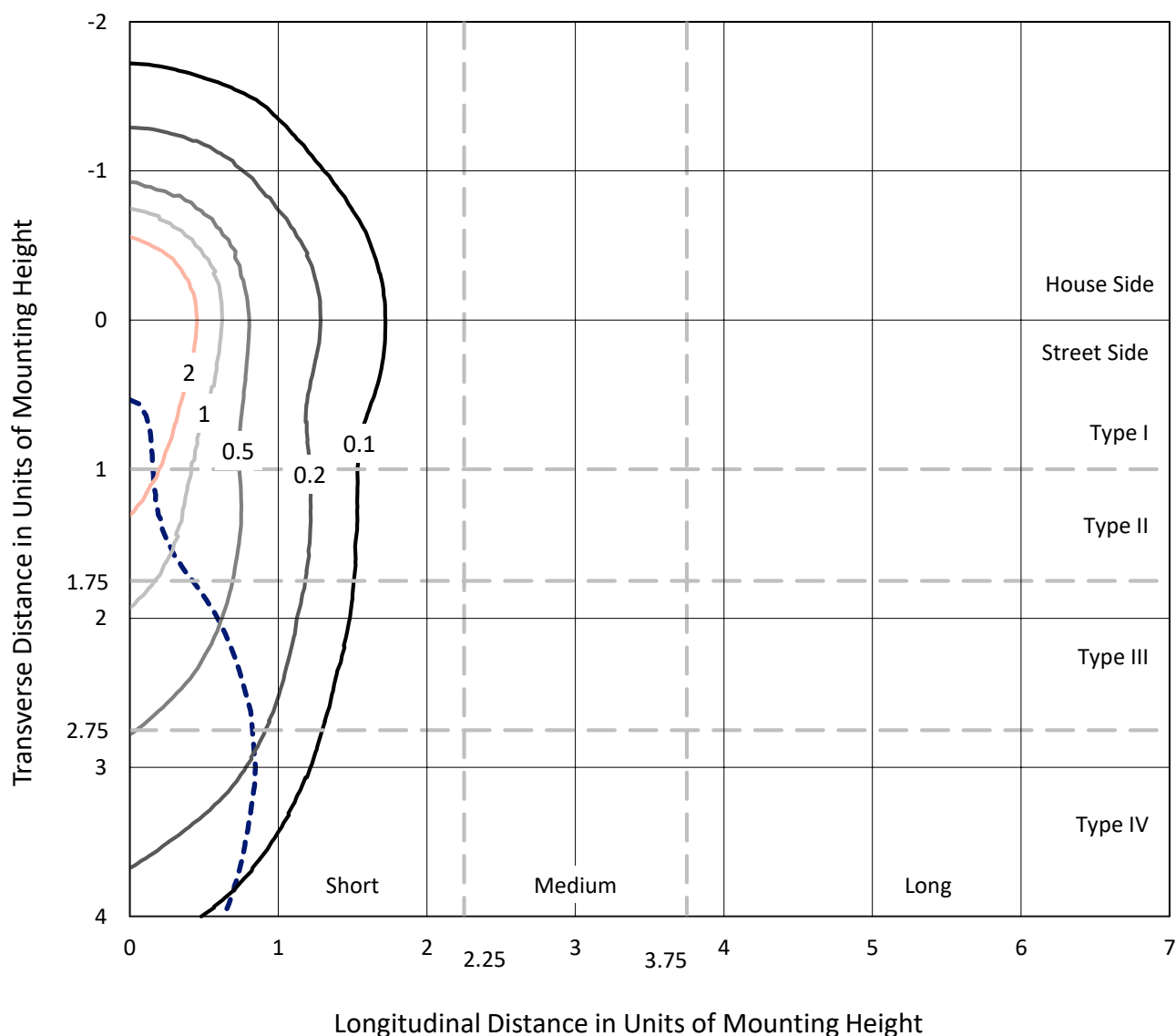
REPORT NUMBER: P153326

CATALOG NUMBER: VXS-F05-LED-E1-SLR-7050

Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

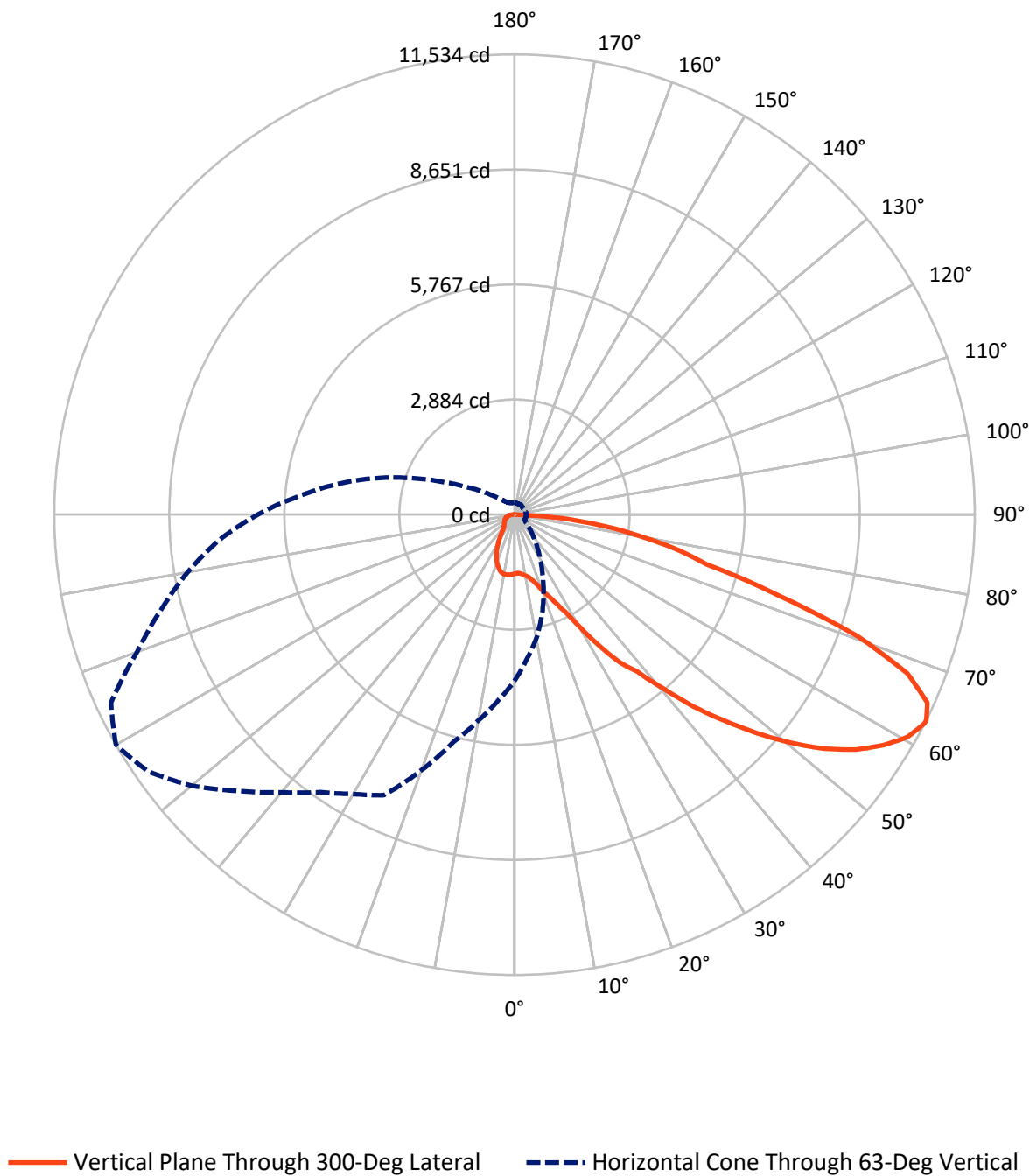


Based on 20 foot mounting height. Maximum calculated value = 4.6 fc
 Type IV - Short - Non-Cutoff

REPORT NUMBER: P153326

CATALOG NUMBER: VXS-F05-LED-E1-SLR-7050

Luminous Intensity Polar Plot



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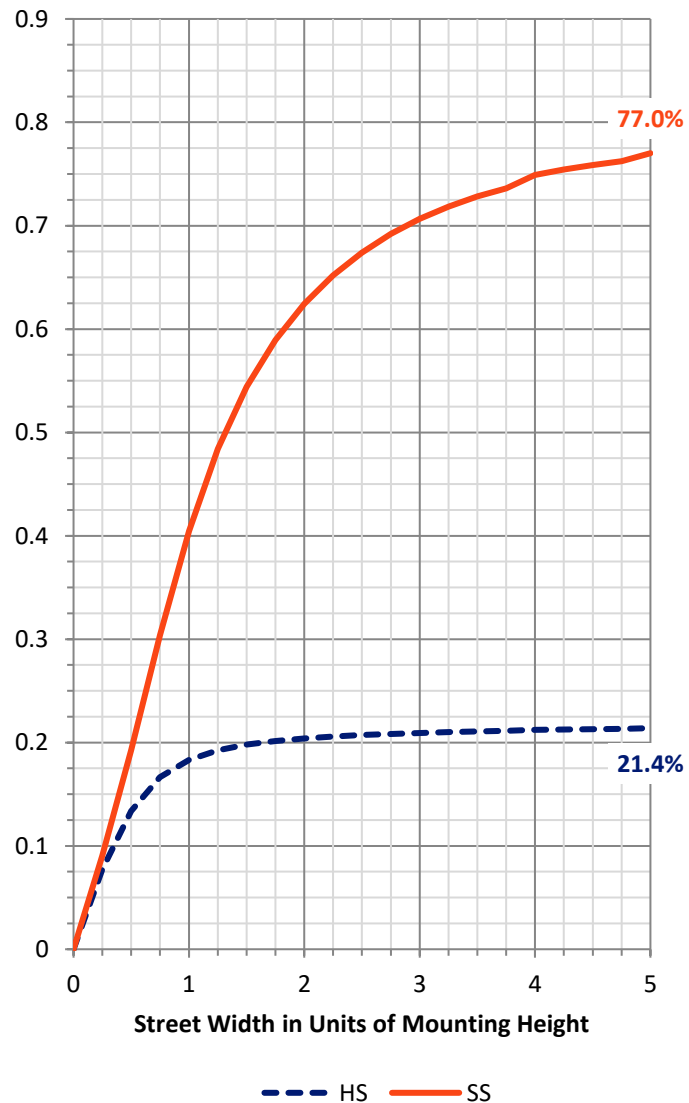
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2555.5	0.0	2555.5
	% Fixture	21.7	0.0	21.7
Street Side	Lumens	9229.3	0.0	9229.3
	% Fixture	78.3	0.0	78.3
Total	Lumens	11784.7	0.0	11784.7
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	144.2	1.2
10°-20°	449.0	3.8
20°-30°	797.7	6.8
30°-40°	1256.1	10.7
40°-50°	1848.6	15.7
50°-60°	2455.5	20.8
60°-70°	2704.7	23.0
70°-80°	1696.9	14.4
80°-90°	432.2	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°	11784.7	100.0
0°-180°	11784.7	100.0

Coefficient of Utilization



REPORT NUMBER: P153326

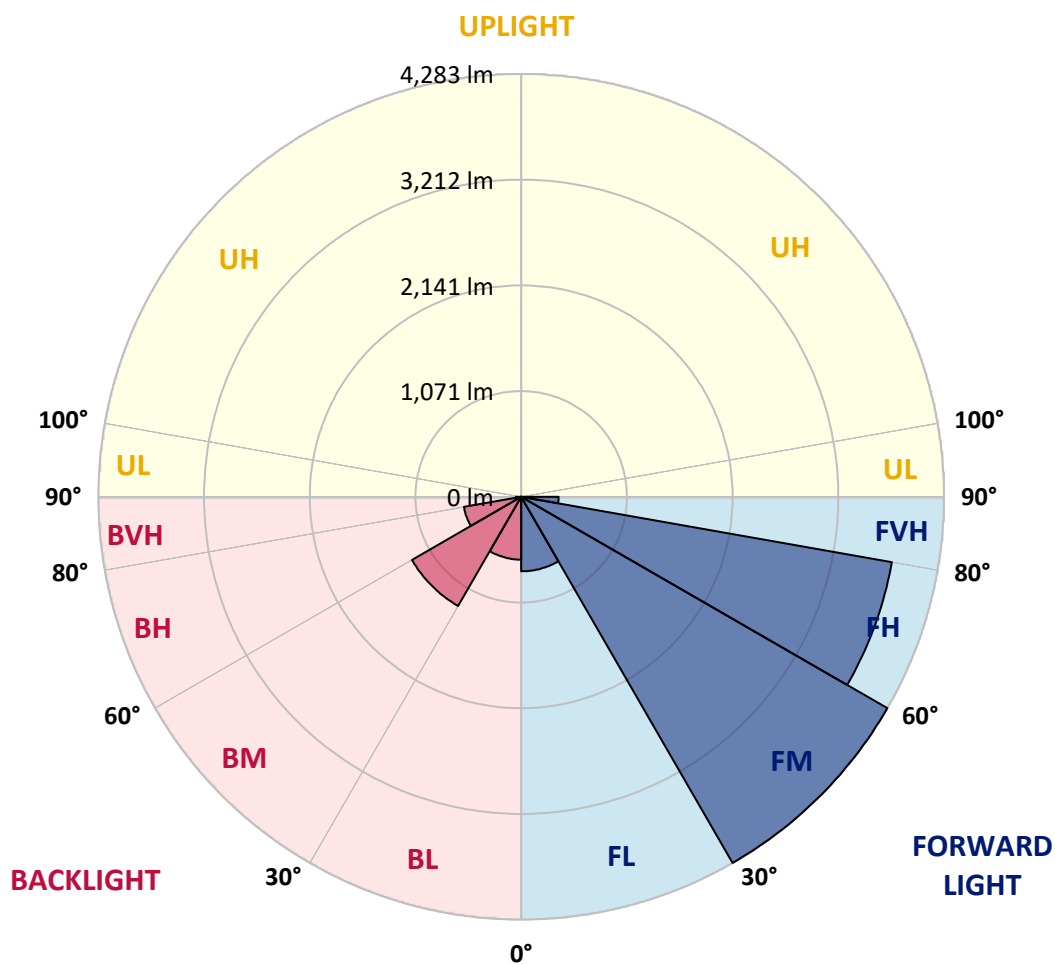
CATALOG NUMBER: VXS-F05-LED-E1-SLR-7050

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	754.6	6.4			
FM	(30°-60°)	4282.9	36.3			
FH	(60°-80°)	3812.6	32.4			G2/5000
FVH	(80°-90°)	379.3	3.2			G3/500
BL	(0°-30°)	636.2	5.4	B2/1000		
BM	(30°-60°)	1277.3	10.8	B2/2500		
BH	(60°-80°)	589.1	5.0	B2/1000		G2/1000
BVH	(80°-90°)	52.9	0.4			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G3

Type IV Short



REPORT NUMBER: P153326

CATALOG NUMBER: VXS-F05-LED-E1-SLR-7050

CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	1480.9	1480.9	1480.9	1480.9	1480.9	1480.9	1480.9	1480.9	1480.9	1480.9	1480.9
2.5°	1461.2	1465.5	1464.0	1464.0	1466.8	1465.5	1465.5	1466.8	1466.8	1471.1	1476.7
5°	1449.9	1448.5	1445.7	1448.5	1448.5	1448.5	1442.9	1447.0	1448.5	1451.3	1451.3
7.5°	1464.0	1459.8	1454.2	1455.5	1455.5	1452.7	1448.5	1449.9	1448.5	1448.5	1447.0
10°	1482.4	1472.5	1465.5	1465.5	1465.5	1462.6	1455.5	1459.8	1459.8	1458.3	1459.8
12.5°	1514.8	1503.5	1495.1	1492.2	1492.2	1488.0	1482.4	1488.0	1485.2	1485.2	1482.4
15°	1568.5	1555.8	1545.9	1537.4	1538.9	1538.9	1531.8	1527.6	1521.9	1514.8	1500.7
17.5°	1649.0	1634.8	1622.2	1615.1	1616.5	1606.6	1586.8	1567.0	1540.3	1513.5	1483.8
20°	1763.3	1759.1	1742.2	1735.1	1718.1	1694.2	1639.1	1592.5	1540.3	1489.4	1438.7
22.5°	1960.9	1941.2	1924.2	1897.4	1840.9	1774.6	1682.9	1600.9	1519.1	1447.0	1379.3
25°	2226.4	2191.1	2107.8	2025.9	1910.2	1791.6	1667.4	1561.5	1459.8	1365.2	1281.9
27.5°	2487.6	2380.3	2232.0	2083.8	1914.4	1759.1	1603.8	1478.1	1359.6	1256.5	1164.8
30°	2803.8	2623.1	2395.9	2161.5	1921.5	1712.5	1526.1	1379.3	1242.4	1133.7	1037.6
32.5°	3100.3	2839.1	2541.2	2233.5	1937.0	1668.7	1437.2	1270.6	1129.4	992.5	897.9
35°	3303.6	2964.8	2603.3	2240.5	1898.9	1585.5	1325.7	1129.4	988.3	861.2	749.6
37.5°	3425.0	3019.8	2606.2	2189.7	1809.9	1472.5	1184.5	989.6	859.8	738.3	650.9
40°	3501.2	3032.5	2569.4	2116.3	1697.0	1329.9	1043.3	868.3	749.6	652.2	584.5
42.5°	3537.9	3012.7	2510.2	2023.1	1582.6	1202.8	944.5	779.3	676.3	607.0	556.3
45°	3543.6	2977.5	2446.6	1938.3	1480.9	1111.1	876.7	742.6	657.9	600.0	549.2
47.5°	3543.6	2946.4	2395.9	1876.3	1414.6	1071.5	871.1	758.1	674.8	609.8	549.2
50°	3546.4	2936.6	2374.6	1845.2	1392.0	1092.7	919.1	806.1	711.5	626.8	547.8
52.5°	3559.2	2949.2	2391.6	1869.2	1433.0	1177.4	1009.4	878.1	759.6	646.6	547.8
55°	3587.4	2991.6	2463.6	1952.5	1543.1	1305.9	1118.1	955.8	797.6	655.0	539.3
57.5°	3666.4	3098.9	2594.9	2113.5	1730.9	1454.2	1217.0	1010.9	811.8	648.0	522.4
60°	3824.6	3312.0	2819.4	2339.4	1929.9	1581.2	1274.8	1019.3	799.1	625.4	495.5
62.5°	4077.3	3556.3	3091.8	2585.0	2106.4	1651.8	1281.9	998.1	765.2	584.5	456.0
63°	4164.8	3617.0	3149.7	2631.6	2129.0	1657.4	1276.3	989.6	756.7	573.2	450.4
65°	4409.0	3872.5	3350.2	2795.3	2192.5	1658.9	1245.2	947.4	717.2	529.4	410.9
67.5°	4865.1	4208.6	3602.9	2923.8	2215.1	1613.7	1166.1	868.3	633.9	461.7	361.5
70°	5153.1	4396.4	3700.3	2926.6	2148.7	1485.2	1029.2	739.8	528.0	382.6	310.6
72.5°	5078.2	4211.4	3443.3	2662.6	1862.2	1240.9	827.4	581.7	412.2	306.3	258.3
75°	4349.7	3505.5	2809.4	2062.6	1407.6	912.0	605.7	415.0	305.0	240.0	216.0
77.5°	3131.4	2522.9	2014.6	1469.6	948.7	590.2	402.4	296.5	231.5	197.6	177.9
80°	1994.8	1479.6	1232.5	883.7	554.8	365.7	276.7	224.5	190.6	165.2	152.4
82.5°	1041.9	729.9	593.0	451.8	307.8	241.5	203.3	183.5	156.7	137.0	129.8
85°	649.4	430.6	319.1	223.1	153.9	138.3	127.0	124.2	111.5	98.9	94.6
87.5°	73.4	66.3	69.2	43.7	32.4	35.3	33.9	45.2	43.7	32.4	33.9
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: P153326

CATALOG NUMBER: VXS-F05-LED-E1-SLR-7050

CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	1480.9	1480.9	1480.9	1480.9	1480.9	1480.9	1480.9	1480.9	1480.9	1480.9	1480.9
2.5°	1471.1	1473.9	1473.9	1478.1	1478.1	1480.9	1483.8	1483.8	1486.6	1488.0	1490.9
5°	1454.2	1454.2	1454.2	1459.8	1461.2	1469.6	1472.5	1475.3	1478.1	1488.0	1493.7
7.5°	1449.9	1444.2	1447.0	1447.0	1451.3	1458.3	1465.5	1469.6	1473.9	1486.6	1495.1
10°	1458.3	1454.2	1449.9	1449.9	1451.3	1454.2	1459.8	1464.0	1466.8	1479.6	1486.6
12.5°	1480.9	1471.1	1462.6	1455.5	1449.9	1448.5	1445.7	1447.0	1449.9	1457.0	1466.8
15°	1485.2	1466.8	1448.5	1430.2	1416.1	1407.6	1400.5	1397.7	1397.7	1401.9	1413.2
17.5°	1457.0	1425.9	1399.1	1375.1	1359.6	1344.0	1337.0	1331.3	1328.5	1334.1	1335.5
20°	1396.3	1359.6	1322.9	1294.6	1266.4	1262.2	1250.9	1253.7	1256.5	1265.0	1269.2
22.5°	1313.0	1269.2	1224.0	1194.4	1171.8	1152.0	1139.3	1145.0	1149.2	1157.7	1161.9
25°	1211.3	1147.8	1099.8	1070.2	1046.1	1029.2	1015.1	1020.7	1015.1	1025.0	1040.5
27.5°	1091.3	1016.5	965.7	931.8	914.8	900.7	886.6	886.6	900.7	900.7	913.5
30°	945.9	890.9	824.5	789.2	768.0	759.6	758.1	755.3	765.2	770.9	785.0
32.5°	808.9	741.1	677.6	643.7	625.4	615.5	617.0	618.3	622.6	631.1	653.7
35°	670.6	611.3	566.1	528.0	509.6	491.3	491.3	488.5	492.7	502.6	529.4
37.5°	581.7	529.4	494.1	464.5	446.1	434.8	425.0	420.7	420.7	425.0	434.8
40°	532.2	494.1	461.7	436.3	419.3	409.4	403.7	399.6	396.7	396.7	398.1
42.5°	509.6	470.2	437.6	415.0	402.4	396.7	395.3	393.9	389.6	388.3	386.8
45°	498.3	453.2	416.5	398.1	388.3	385.4	386.8	386.8	385.4	382.6	377.0
47.5°	489.8	437.6	400.9	384.0	379.8	379.8	379.8	379.8	378.3	377.0	372.7
50°	475.8	413.7	374.1	361.5	358.5	358.5	360.0	360.0	362.8	360.0	357.2
52.5°	460.2	391.1	351.5	340.2	338.9	337.4	337.4	337.4	338.9	338.9	337.4
55°	443.3	374.1	340.2	331.8	333.2	331.8	330.4	328.9	328.9	327.6	324.7
57.5°	426.3	360.0	331.8	326.1	327.6	327.6	324.7	321.9	320.5	316.3	313.4
60°	400.9	340.2	314.8	312.0	316.3	316.3	316.3	314.8	314.8	313.4	306.3
62.5°	367.0	312.0	292.2	293.7	295.0	297.9	297.9	297.9	297.9	295.0	288.0
63°	360.0	306.3	288.0	288.0	292.2	292.2	293.7	292.2	293.7	290.9	282.4
65°	331.8	288.0	273.9	275.3	278.1	278.1	278.1	276.7	276.7	272.4	268.3
67.5°	299.3	265.4	257.0	258.3	259.8	262.6	261.1	261.1	262.6	259.8	255.5
70°	262.6	241.5	235.8	237.2	238.5	238.5	237.2	237.2	238.5	235.8	231.5
72.5°	234.4	225.9	221.7	221.7	218.9	218.9	216.0	214.6	213.2	213.2	208.9
75°	197.6	196.3	197.6	200.5	197.6	194.8	193.4	189.2	186.3	186.3	185.0
77.5°	169.4	169.4	172.2	176.5	177.9	177.9	173.7	166.6	165.2	165.2	165.2
80°	146.8	144.0	144.0	148.2	152.4	151.1	144.0	137.0	137.0	144.0	145.4
82.5°	128.5	128.5	124.2	125.7	124.2	122.8	115.8	111.5	110.2	115.8	121.5
85°	101.7	103.1	101.7	100.2	98.9	94.6	88.9	84.7	83.3	88.9	97.4
87.5°	40.9	39.5	38.1	39.5	38.1	40.9	39.5	36.7	35.3	39.5	48.0
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: P153326

CATALOG NUMBER: VXS-F05-LED-E1-SLR-7050

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	1480.9	1480.9	1480.9	1480.9	1480.9	1480.9	1480.9	1480.9	1480.9	1480.9	1480.9
2.5°	1492.2	1495.1	1497.9	1497.9	1500.7	1499.3	1500.7	1502.2	1502.2	1503.5	1503.5
5°	1500.7	1505.0	1510.6	1516.3	1517.7	1521.9	1526.1	1523.3	1527.6	1533.2	1533.2
7.5°	1503.5	1513.5	1517.7	1526.1	1527.6	1533.2	1543.1	1536.1	1544.5	1548.7	1550.2
10°	1499.3	1509.2	1516.3	1526.1	1530.4	1540.3	1550.2	1547.4	1557.2	1564.2	1565.7
12.5°	1473.9	1483.8	1499.3	1513.5	1524.8	1540.3	1558.7	1553.0	1567.0	1575.5	1579.8
15°	1424.5	1434.4	1451.3	1473.9	1495.1	1519.1	1543.1	1547.4	1561.5	1571.3	1575.5
17.5°	1346.8	1359.6	1377.9	1401.9	1428.7	1469.6	1500.7	1516.3	1536.1	1541.7	1548.7
20°	1274.8	1287.6	1298.9	1313.0	1332.7	1372.2	1413.2	1444.2	1469.6	1490.9	1496.5
22.5°	1178.9	1190.2	1204.2	1215.5	1229.6	1257.9	1291.8	1327.0	1366.6	1379.3	1393.5
25°	1063.1	1070.2	1089.9	1097.0	1106.8	1130.9	1157.7	1183.1	1221.2	1248.0	1255.1
27.5°	938.9	945.9	964.2	968.5	981.2	1003.8	1023.5	1033.5	1068.7	1097.0	1119.6
30°	794.8	813.2	835.8	838.7	852.7	866.8	885.2	895.0	927.6	957.2	985.4
32.5°	670.6	688.9	707.4	718.7	725.7	737.0	755.3	765.2	796.3	823.1	851.3
35°	543.5	566.1	585.9	601.5	607.0	621.1	635.3	645.2	677.6	701.7	721.5
37.5°	447.6	464.5	485.7	501.1	516.7	526.6	543.5	557.6	577.4	590.2	611.3
40°	400.9	409.4	420.7	433.5	446.1	457.4	470.2	481.5	494.1	511.1	525.2
42.5°	385.4	386.8	386.8	391.1	398.1	403.7	415.0	423.5	432.0	444.7	451.8
45°	374.1	372.7	369.8	367.0	368.5	371.3	378.3	384.0	393.9	399.6	400.9
47.5°	368.5	362.8	357.2	353.0	351.5	353.0	358.5	364.2	369.8	374.1	375.5
50°	350.2	345.9	337.4	331.8	328.9	331.8	338.9	341.7	347.3	351.5	353.0
52.5°	331.8	326.1	320.5	314.8	314.8	316.3	321.9	327.6	333.2	334.6	337.4
55°	320.5	312.0	306.3	302.1	299.3	303.5	307.8	314.8	321.9	323.3	326.1
57.5°	309.2	300.7	295.0	290.9	288.0	292.2	296.5	306.3	314.8	314.8	314.8
60°	302.1	295.0	286.6	282.4	278.1	282.4	288.0	297.9	306.3	305.0	303.5
62.5°	282.4	275.3	271.1	271.1	266.8	273.9	279.6	290.9	292.2	289.4	286.6
63°	276.7	271.1	268.3	268.3	265.4	272.4	278.1	288.0	288.0	285.2	282.4
65°	262.6	258.3	255.5	258.3	258.3	265.4	266.8	273.9	272.4	268.3	266.8
67.5°	251.3	248.5	245.7	245.7	245.7	247.0	248.5	251.3	249.8	248.5	249.8
70°	233.0	231.5	228.7	228.7	227.3	227.3	227.3	228.7	228.7	230.2	231.5
72.5°	210.4	207.6	207.6	208.9	206.1	207.6	208.9	207.6	210.4	210.4	211.8
75°	185.0	183.5	186.3	189.2	187.8	187.8	189.2	189.2	190.6	190.6	192.0
77.5°	165.2	166.6	168.0	170.8	172.2	172.2	172.2	170.8	172.2	172.2	173.7
80°	146.8	149.6	152.4	155.3	156.7	156.7	156.7	155.3	155.3	155.3	155.3
82.5°	132.7	137.0	139.8	141.1	141.1	141.1	141.1	141.1	141.1	138.3	135.5
85°	111.5	120.0	120.0	121.5	117.2	114.4	111.5	113.0	114.4	108.7	107.3
87.5°	56.5	56.5	59.3	62.1	63.5	63.5	72.0	67.8	66.3	65.0	62.1
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: P153326

CATALOG NUMBER: VXS-F05-LED-E1-SLR-7050

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	1480.9	1480.9	1480.9	1480.9	1480.9	1480.9	1480.9	1480.9	1480.9	1480.9	1480.9
2.5°	1505.0	1503.5	1506.4	1503.5	1505.0	1506.4	1503.5	1507.8	1510.6	1506.4	1502.2
5°	1536.1	1536.1	1543.1	1545.9	1547.4	1555.8	1551.6	1554.4	1557.2	1555.8	1557.2
7.5°	1555.8	1561.5	1568.5	1575.5	1577.0	1584.0	1582.6	1586.8	1589.6	1596.8	1596.8
10°	1572.7	1579.8	1589.6	1596.8	1603.8	1609.4	1612.2	1620.7	1622.2	1627.8	1627.8
12.5°	1588.3	1596.8	1606.6	1617.9	1625.0	1636.3	1637.7	1650.4	1654.6	1656.1	1651.8
15°	1585.5	1595.3	1606.6	1619.3	1632.0	1646.1	1654.6	1667.4	1674.4	1677.2	1670.2
17.5°	1558.7	1567.0	1581.2	1598.1	1613.7	1632.0	1647.6	1665.9	1677.2	1680.0	1678.7
20°	1506.4	1512.0	1530.4	1553.0	1571.3	1599.6	1622.2	1650.4	1668.7	1682.9	1687.0
22.5°	1403.3	1417.4	1435.8	1461.2	1488.0	1523.3	1555.8	1596.8	1636.3	1670.2	1704.0
25°	1279.1	1304.5	1332.7	1366.6	1399.1	1435.8	1472.5	1519.1	1577.0	1647.6	1728.1
27.5°	1153.5	1197.2	1232.5	1276.3	1314.4	1351.1	1392.0	1442.9	1506.4	1591.1	1694.2
30°	1026.4	1075.8	1113.9	1164.8	1215.5	1265.0	1305.9	1359.6	1421.7	1507.8	1620.7
32.5°	890.9	940.2	985.4	1032.0	1088.5	1147.8	1197.2	1263.5	1329.9	1418.9	1533.2
35°	751.1	794.8	833.0	882.4	944.5	1008.0	1073.0	1149.2	1221.2	1314.4	1435.8
37.5°	629.6	660.7	697.4	741.1	789.2	857.0	930.4	1020.7	1102.6	1204.2	1328.5
40°	529.4	546.3	567.6	604.2	648.0	714.4	786.3	882.4	981.2	1092.7	1212.7
42.5°	451.8	460.2	465.9	489.8	525.2	590.2	659.3	752.4	861.2	982.6	1104.0
45°	400.9	405.2	406.6	419.3	444.7	501.1	573.2	652.2	756.7	875.3	1002.4
47.5°	377.0	381.1	384.0	386.8	402.4	446.1	511.1	585.9	681.9	790.6	920.5
50°	357.2	361.5	365.7	364.2	371.3	399.6	454.6	523.7	614.1	714.4	842.8
52.5°	337.4	340.2	340.2	340.2	344.5	362.8	402.4	465.9	549.2	643.7	770.9
55°	326.1	328.9	330.4	331.8	333.2	343.1	372.7	423.5	495.5	583.1	697.4
57.5°	314.8	316.3	319.1	320.5	323.3	328.9	347.3	384.0	444.7	518.1	614.1
60°	305.0	307.8	313.4	314.8	317.6	319.1	327.6	350.2	389.6	446.1	523.7
62.5°	289.4	293.7	299.3	300.7	303.5	305.0	306.3	319.1	337.4	371.3	429.2
63°	285.2	289.4	296.5	297.9	299.3	299.3	300.7	309.2	326.1	355.8	398.1
65°	269.6	275.3	279.6	280.9	282.4	282.4	280.9	283.7	285.2	297.9	323.3
67.5°	252.7	257.0	259.8	261.1	259.8	261.1	259.8	257.0	254.1	257.0	268.3
70°	235.8	238.5	238.5	240.0	241.5	242.8	240.0	237.2	234.4	233.0	240.0
72.5°	216.0	218.9	218.9	220.2	220.2	223.1	223.1	221.7	221.7	223.1	224.5
75°	196.3	199.1	197.6	200.5	200.5	204.7	204.7	206.1	208.9	207.6	206.1
77.5°	177.9	179.3	179.3	180.7	182.1	189.2	193.4	194.8	194.8	192.0	189.2
80°	158.1	158.1	155.3	153.9	155.3	162.4	170.8	172.2	176.5	175.0	176.5
82.5°	132.7	127.0	122.8	122.8	125.7	129.8	132.7	135.5	138.3	138.3	141.1
85°	101.7	96.0	91.8	93.2	97.4	98.9	97.4	97.4	103.1	107.3	103.1
87.5°	60.7	55.0	52.2	48.0	49.4	53.7	52.2	48.0	49.4	39.5	36.7
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: P153326

CATALOG NUMBER: VXS-F05-LED-E1-SLR-7050

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	1480.9	1480.9	1480.9	1480.9	1480.9	1480.9	1480.9	1480.9	1480.9	1480.9	1480.9
2.5°	1505.0	1503.5	1500.7	1496.5	1495.1	1492.2	1493.7	1489.4	1486.6	1483.8	1479.6
5°	1557.2	1557.2	1548.7	1548.7	1544.5	1543.1	1533.2	1529.0	1520.5	1523.3	1513.5
7.5°	1593.9	1598.1	1588.3	1586.8	1581.2	1579.8	1567.0	1562.9	1555.8	1553.0	1544.5
10°	1620.7	1620.7	1608.1	1598.1	1591.1	1584.0	1571.3	1565.7	1560.0	1561.5	1555.8
12.5°	1641.9	1632.0	1613.7	1599.6	1589.6	1582.6	1572.7	1568.5	1567.0	1577.0	1578.3
15°	1658.9	1644.8	1622.2	1612.2	1603.8	1602.4	1602.4	1606.6	1616.5	1634.8	1649.0
17.5°	1668.7	1660.3	1649.0	1646.1	1660.3	1668.7	1680.0	1692.7	1706.8	1732.2	1747.8
20°	1687.0	1692.7	1701.2	1712.5	1735.1	1756.3	1770.4	1788.7	1805.7	1836.8	1862.2
22.5°	1735.1	1767.6	1794.4	1817.0	1850.9	1880.5	1898.9	1924.2	1937.0	1958.1	1997.7
25°	1797.2	1863.5	1920.0	1968.1	2020.3	2051.3	2076.8	2109.2	2129.0	2164.2	2199.6
27.5°	1778.9	1873.5	1958.1	2047.2	2119.1	2199.6	2256.1	2309.7	2343.6	2395.9	2442.4
30°	1722.4	1835.3	1949.6	2066.8	2181.2	2297.0	2404.2	2501.7	2576.5	2651.3	2727.6
32.5°	1646.1	1776.1	1915.8	2059.8	2209.4	2370.4	2518.7	2665.5	2789.7	2898.4	3004.2
35°	1558.7	1705.5	1850.9	2028.7	2213.7	2418.4	2624.6	2827.8	3017.0	3209.0	3338.9
37.5°	1454.2	1603.8	1766.1	1970.9	2188.3	2441.0	2703.6	2969.0	3237.2	3495.6	3720.1
40°	1342.6	1495.1	1665.9	1887.6	2133.3	2426.8	2754.4	3111.6	3480.1	3854.2	4152.1
42.5°	1243.8	1400.5	1586.8	1811.3	2078.1	2408.5	2795.3	3234.4	3684.8	4147.9	4585.5
45°	1147.8	1320.0	1516.3	1757.7	2054.2	2422.6	2856.1	3348.8	3868.3	4430.2	4963.8
47.5°	1061.7	1236.7	1427.4	1691.3	2018.9	2429.7	2915.3	3463.1	4042.0	4650.5	5284.4
50°	984.0	1153.5	1341.2	1606.6	1963.8	2425.5	2969.0	3566.2	4191.6	4824.1	5531.4
52.5°	907.8	1080.0	1272.0	1524.8	1896.1	2401.5	2994.4	3650.9	4329.9	4999.2	5730.5
55°	833.0	1002.4	1195.8	1447.0	1807.0	2339.4	2991.6	3705.9	4440.1	5164.4	5922.5
57.5°	745.4	906.3	1095.5	1360.9	1712.5	2243.3	2949.2	3731.4	4534.7	5328.1	6152.6
60°	636.7	787.8	969.9	1235.3	1588.3	2120.5	2860.3	3717.2	4589.7	5449.5	6348.8
62.5°	502.6	633.9	800.5	1060.2	1433.0	1944.0	2693.7	3588.8	4502.2	5432.5	6440.6
63°	474.4	598.5	760.9	1017.9	1366.6	1896.1	2644.2	3537.9	4459.9	5397.3	6427.9
65°	381.1	461.7	591.5	821.7	1143.5	1660.3	2398.7	3276.8	4232.5	5148.8	6244.4
67.5°	292.2	333.2	402.4	563.3	808.9	1305.9	1942.6	2777.0	3673.5	4534.7	5652.8
70°	249.8	268.3	297.9	374.1	513.9	824.5	1363.8	2071.1	2847.6	3594.4	4599.6
72.5°	227.3	235.8	251.3	283.7	353.0	494.1	869.6	1348.3	1937.0	2562.4	3338.9
75°	208.9	216.0	228.7	245.7	271.1	328.9	495.5	824.5	1259.3	1682.9	2253.3
77.5°	190.6	194.8	208.9	224.5	241.5	271.1	327.6	474.4	724.2	992.5	1358.1
80°	175.0	172.2	182.1	207.6	224.5	241.5	258.3	307.8	412.2	543.5	734.1
82.5°	139.8	142.6	151.1	176.5	183.5	179.3	182.1	190.6	230.2	251.3	375.5
85°	94.6	87.6	86.1	88.9	88.9	84.7	84.7	83.3	91.8	104.5	179.3
87.5°	25.4	12.7	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: P153326
CATALOG NUMBER: VXS-F05-LED-E1-SLR-7050

REPORT N
CATALOG

CANDELA DISTRIBUTION (continued):

CANDELA

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°	
0°	1480.9	1480.9	1480.9	1480.9	1480.9	1480.9	1480.9	1480.9	1480.9	1480.9	1480.9	0°
2.5°	1476.7	1475.3	1476.7	1469.6	1469.6	1468.3	1466.8	1464.0	1464.0	1458.3	1462.6	2.5°
5°	1505.0	1502.2	1496.5	1488.0	1483.8	1478.1	1478.1	1472.5	1468.3	1462.6	1464.0	5°
7.5°	1537.4	1538.9	1529.0	1521.9	1519.1	1513.5	1514.8	1506.4	1507.8	1503.5	1500.7	7.5°
10°	1555.8	1555.8	1558.7	1557.2	1560.0	1560.0	1564.2	1558.7	1555.8	1551.6	1551.6	10°
12.5°	1585.5	1591.1	1602.4	1602.4	1610.9	1613.7	1615.1	1617.9	1612.2	1609.4	1599.6	12.5°
15°	1658.9	1673.0	1682.9	1697.0	1713.9	1719.6	1719.6	1713.9	1711.1	1706.8	1688.5	15°
17.5°	1780.3	1811.3	1819.8	1842.4	1845.2	1852.2	1872.0	1860.7	1853.7	1824.0	1818.3	17.5°
20°	1904.6	1944.0	1983.5	2011.8	2025.9	2054.2	2058.3	2052.7	2024.6	1996.3	1983.5	20°
22.5°	2054.2	2113.5	2158.7	2202.4	2223.5	2237.7	2268.7	2261.7	2239.1	2196.8	2179.8	22.5°
25°	2265.9	2339.4	2387.4	2441.0	2469.2	2483.3	2514.4	2514.4	2490.4	2477.7	2476.3	25°
27.5°	2532.7	2623.1	2702.2	2720.5	2793.9	2810.9	2840.5	2840.5	2817.9	2802.4	2877.2	27.5°
30°	2829.2	2923.8	3060.7	3152.5	3241.5	3329.0	3327.6	3333.3	3360.1	3374.2	3406.6	30°
32.5°	3125.7	3242.9	3388.3	3587.4	3777.9	3940.3	4150.7	4284.8	4243.8	4129.5	4084.4	32.5°
35°	3485.7	3615.6	3792.1	3992.5	4341.2	4551.6	4653.3	4725.3	4733.8	4749.2	4781.8	35°
37.5°	3886.6	4104.0	4308.8	4536.1	4729.5	4985.1	5220.8	5409.9	5453.8	5542.7	5491.9	37.5°
40°	4393.5	4636.4	4850.9	5144.6	5404.4	5712.1	6049.5	6309.3	6413.8	6379.9	6125.8	40°
42.5°	4924.4	5225.1	5476.4	5822.3	6159.7	6566.2	6914.9	7277.8	7342.7	7081.6	6701.8	42.5°
45°	5412.8	5785.5	6097.5	6457.5	6869.7	7356.9	7822.7	8195.4	8182.8	7735.2	7226.9	45°
47.5°	5851.9	6309.3	6690.5	7159.2	7602.5	8182.8	8717.8	8993.2	8830.8	8301.3	7678.8	47.5°
50°	6214.7	6785.1	7255.2	7729.5	8292.8	8991.7	9507.0	9662.3	9348.9	8772.8	8117.8	50°
52.5°	6506.9	7222.7	7750.8	8297.1	9008.6	9744.1	10187.5	10129.6	9724.5	9132.8	8480.6	52.5°
55°	6754.0	7557.3	8186.9	8832.1	9714.5	10392.2	10687.3	10532.0	9965.8	9365.8	8729.1	55°
57.5°	7009.5	7882.1	8588.0	9336.2	10318.8	10900.4	11064.2	10745.2	10080.2	9454.8	8836.4	57.5°
60°	7265.1	8153.1	8942.3	9776.7	10776.2	11315.5	11270.4	10793.2	10046.3	9389.8	8764.5	60°
62.5°	7437.3	8314.1	9148.4	10047.8	11119.3	11527.3	11250.6	10622.3	9850.1	9134.3	8549.8	62.5°
63°	7441.6	8319.7	9161.1	10066.1	11157.4	11534.3	11212.4	10561.7	9788.0	9082.1	8486.3	63°
65°	7352.6	8213.8	9048.2	9982.8	11125.0	11372.0	10883.5	10203.0	9433.6	8720.6	8156.0	65°
67.5°	6898.0	7776.2	8513.2	9394.1	10543.3	10613.9	10002.6	9453.4	8761.6	8023.2	7433.1	67.5°
70°	5981.8	6711.7	7434.5	8170.1	9134.3	9121.6	8546.9	8267.5	7661.8	6820.4	6347.5	70°
72.5°	4757.7	5412.8	5921.0	6413.8	7049.1	6920.6	6550.7	6628.4	6235.9	5607.7	5326.7	72.5°
75°	3532.3	4252.3	4500.8	4701.2	4969.5	4970.9	5072.5	5292.8	5287.2	4938.4	4584.0	75°
77.5°	2316.8	3104.6	3187.9	3348.8	3670.7	4108.3	4560.1	5045.7	5167.2	4891.8	4368.1	77.5°
80°	1291.8	2110.7	2014.6	2153.0	2500.3	3094.6	3761.0	4297.5	4613.8	4459.9	3905.0	80°
82.5°	660.7	1217.0	1163.3	1355.3	1636.3	2153.0	2593.5	3005.7	3378.4	3357.2	3146.8	82.5°
85°	343.1	666.3	758.1	858.3	999.6	1184.5	1351.1	1471.1	1626.4	1900.3	1993.5	85°
87.5°	0.0	0.0	0.0	0.0	0.0	1.5	0.0	101.7	73.4	201.9	288.0	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: P153326

NUMBER: VXS-F05-LED-E1-SLR-7050

DISTRIBUTION (continued):

330°	335°	340°	345°	350°	355°	360°
1480.9	1480.9	1480.9	1480.9	1480.9	1480.9	1480.9
1464.0	1465.5	1462.6	1462.6	1464.0	1464.0	1461.2
1461.2	1461.2	1458.3	1455.5	1452.7	1452.7	1449.9
1493.7	1493.7	1483.8	1479.6	1472.5	1466.8	1464.0
1541.7	1533.2	1521.9	1513.5	1502.2	1489.4	1482.4
1589.6	1577.0	1562.9	1550.2	1536.1	1521.9	1514.8
1668.7	1651.8	1633.5	1617.9	1598.1	1577.0	1568.5
1790.2	1763.3	1739.4	1716.8	1681.5	1665.9	1649.0
1951.1	1911.6	1880.5	1842.4	1798.7	1784.5	1763.3
2145.9	2112.0	2049.9	2021.7	1977.9	1956.8	1960.9
2442.4	2398.7	2326.6	2299.8	2295.5	2249.0	2226.4
2829.2	2832.0	2765.7	2693.7	2654.2	2580.7	2487.6
3379.8	3341.8	3264.0	3190.7	3097.5	2959.1	2803.8
4046.2	3961.5	3833.1	3696.1	3530.9	3317.7	3100.3
4697.0	4548.8	4344.0	4115.3	3876.8	3611.4	3303.6
5268.8	5038.7	4732.3	4469.7	4132.3	3800.5	3425.0
5791.2	5506.0	5110.7	4770.5	4372.3	3946.0	3501.2
6296.6	5935.1	5450.9	4990.7	4540.3	4043.4	3537.9
6778.0	6312.1	5737.5	5189.7	4663.1	4106.9	3543.6
7147.9	6639.7	5994.5	5333.8	4747.9	4154.9	3543.6
7491.0	6916.4	6190.7	5446.7	4826.9	4187.4	3546.4
7757.8	7111.2	6317.8	5527.2	4889.0	4211.4	3559.2
7951.2	7238.2	6402.5	5576.6	4934.2	4245.3	3587.4
8086.7	7321.6	6449.1	5620.3	4989.3	4304.6	3666.4
8151.7	7475.4	6526.7	5707.9	5083.8	4430.2	3824.6
8102.3	7714.0	6748.4	5856.2	5215.1	4626.4	4077.3
8081.1	7757.8	6809.1	5888.6	5244.8	4668.8	4164.8
7916.0	7801.6	7059.0	6052.3	5386.0	4856.6	4409.0
7403.4	7629.3	7269.3	6329.0	5689.5	5312.5	4865.1
6739.9	7373.8	7231.2	6364.4	5882.9	5686.7	5153.1
5945.1	6601.6	6468.8	5894.2	5669.7	5691.0	5078.2
4678.7	5171.4	5083.8	4882.0	4927.2	5082.5	4349.7
3748.3	3682.0	3480.1	3494.2	3755.3	3937.5	3131.4
3062.2	2479.1	2216.5	2223.5	2679.6	2868.8	1994.8
2914.0	2345.0	1910.2	1668.7	1949.6	1877.7	1041.9
2075.3	2079.6	1725.2	1401.9	1358.1	1154.8	649.4
491.3	393.9	280.9	208.9	220.2	145.4	73.4
0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)