

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: P153335

Luminaire Tested: **VXS-F06-LED-E1-SLR**

Issue Date: 03/03/2020

Test Information

Test Method: LM-79-08
Report Number: P153335
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-F06-LED-E1-SLR
Description: VISION SITE SMALL LED LUMINAIRE
(6) LIGHTBARS WITH AccuLED OPTICS - 90° SPILL LIGHT ELIMINATOR RIGHT
Light Source: (42) 4000K CCT, 70 CRI LEDs
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 13781.9 lumens
Efficiency: N/A
Efficacy: 88.1 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type IV - Short - Non-Cutoff
BUG Rating: B2 - U0 - G3

Input Watts (W): 156.5
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



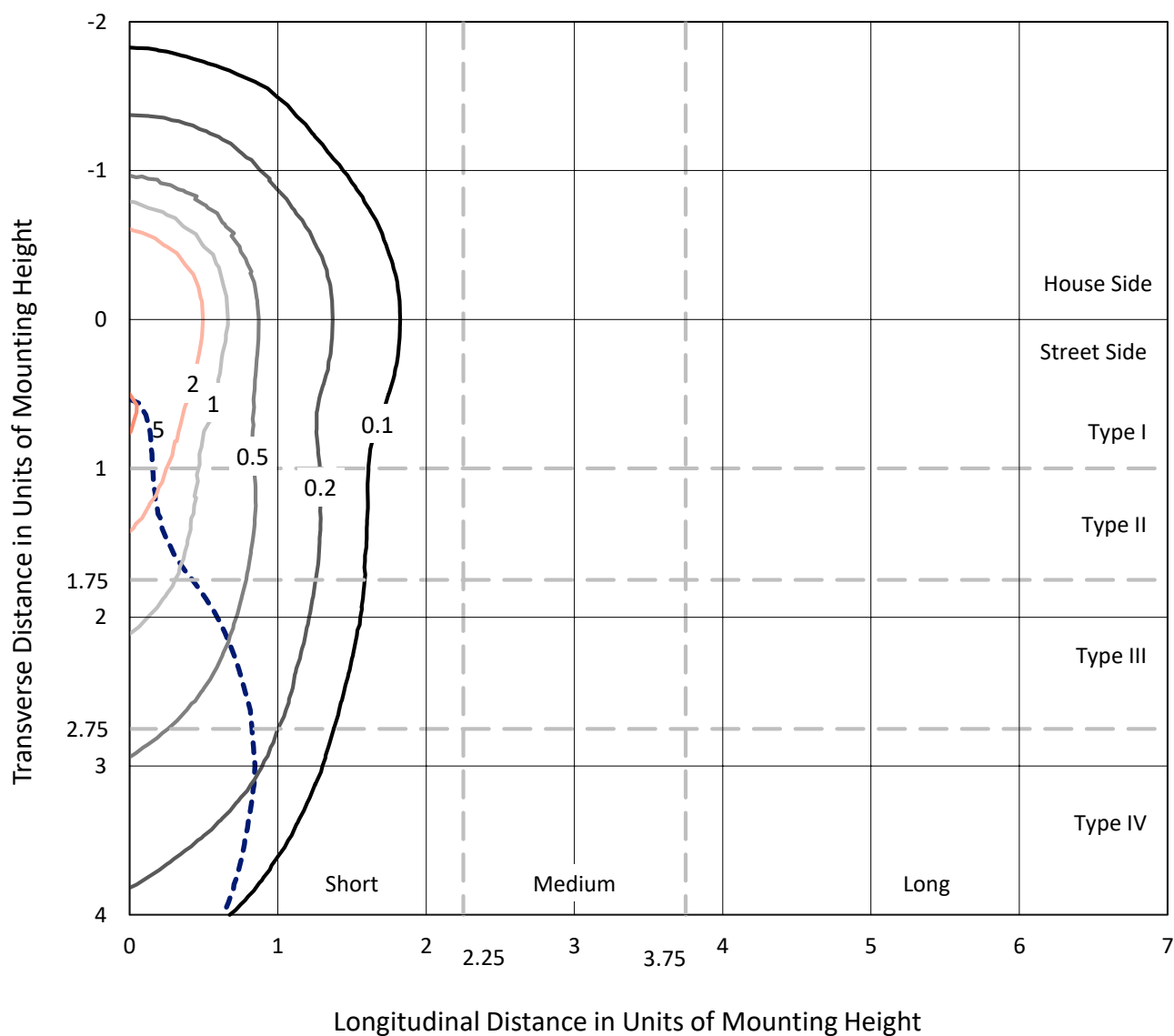
REPORT NUMBER: P153335

CATALOG NUMBER: VXS-F06-LED-E1-SLR

Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

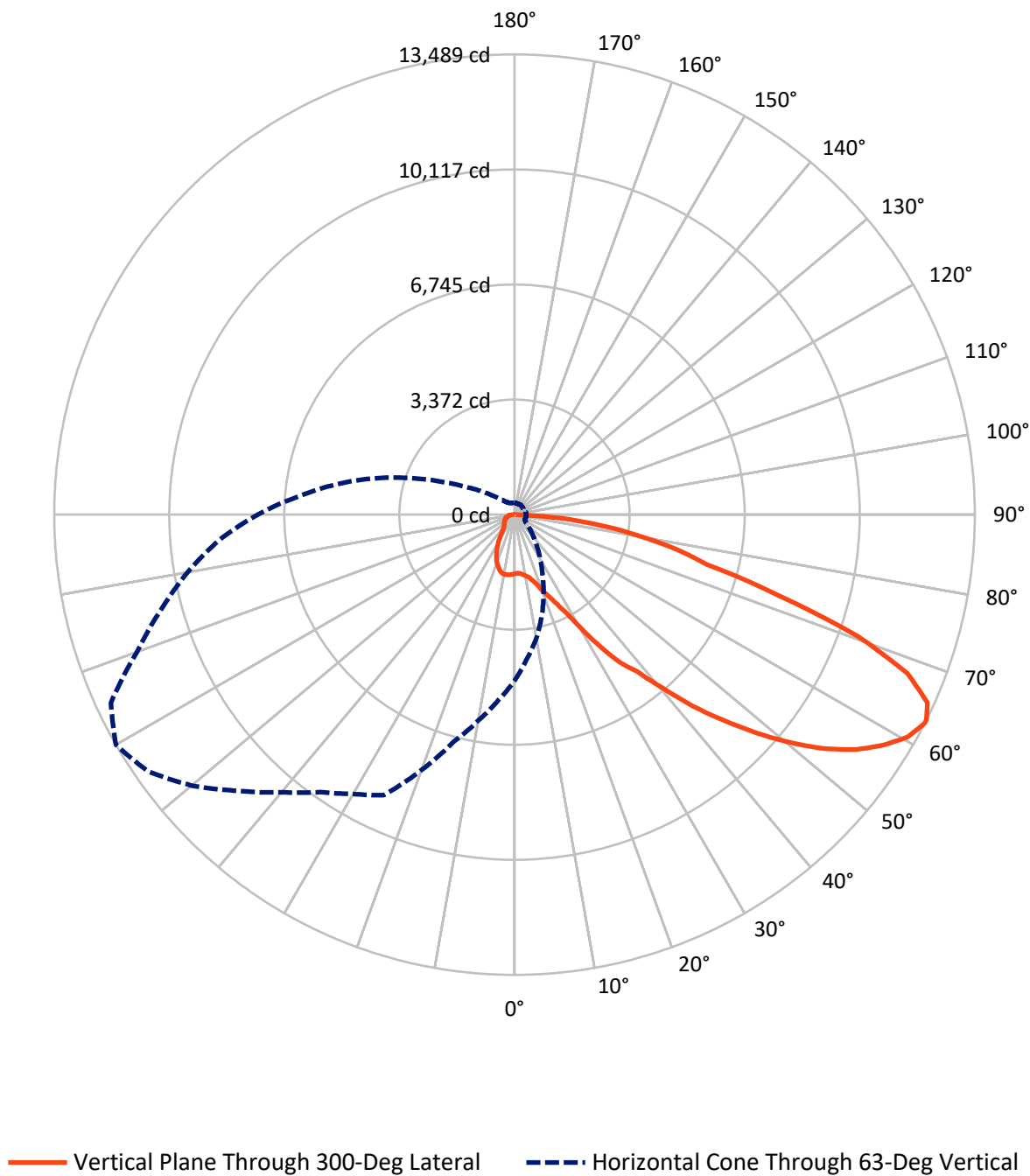


Based on 20 foot mounting height. Maximum calculated value = 5.4 fc
 Type IV - Short - Non-Cutoff

REPORT NUMBER: P153335

CATALOG NUMBER: VXS-F06-LED-E1-SLR

Luminous Intensity Polar Plot



REPORT NUMBER: P153335

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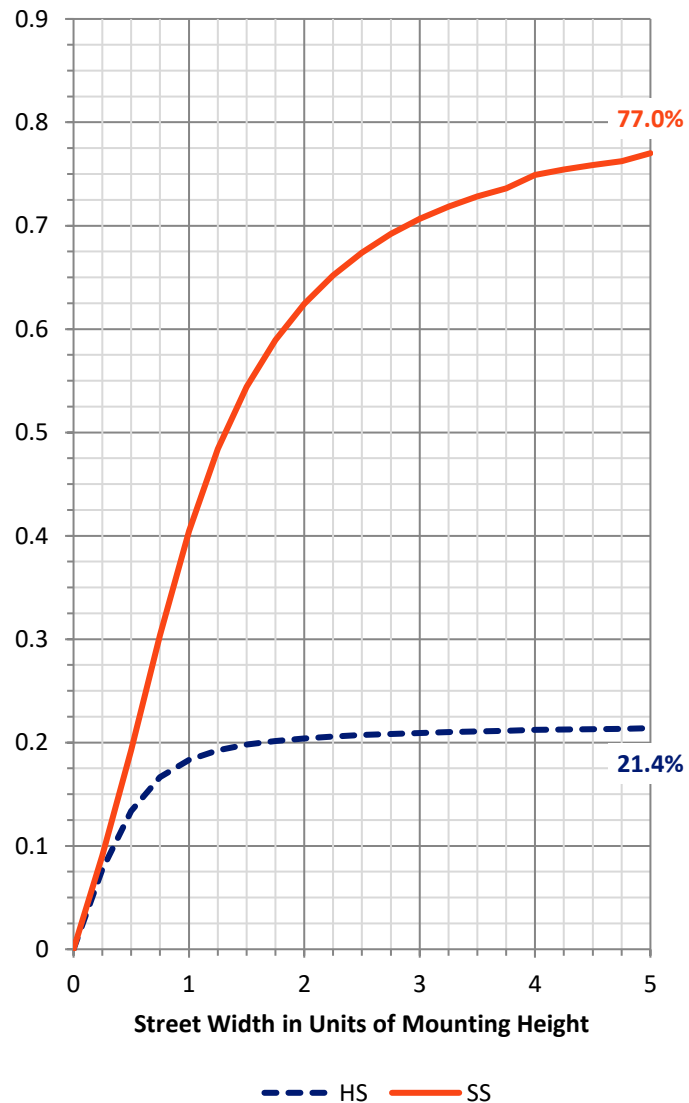
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2988.6	0.0	2988.6
	% Fixture	21.7	0.0	21.7
Street Side	Lumens	10793.4	0.0	10793.4
	% Fixture	78.3	0.0	78.3
Total	Lumens	13781.9	0.0	13781.9
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	168.6	1.2
10°-20°	525.1	3.8
20°-30°	932.8	6.8
30°-40°	1469.0	10.7
40°-50°	2161.9	15.7
50°-60°	2871.6	20.8
60°-70°	3163.1	23.0
70°-80°	1984.5	14.4
80°-90°	505.4	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°	13781.9	100.0
0°-180°	13781.9	100.0

Coefficient of Utilization



REPORT NUMBER: P153335

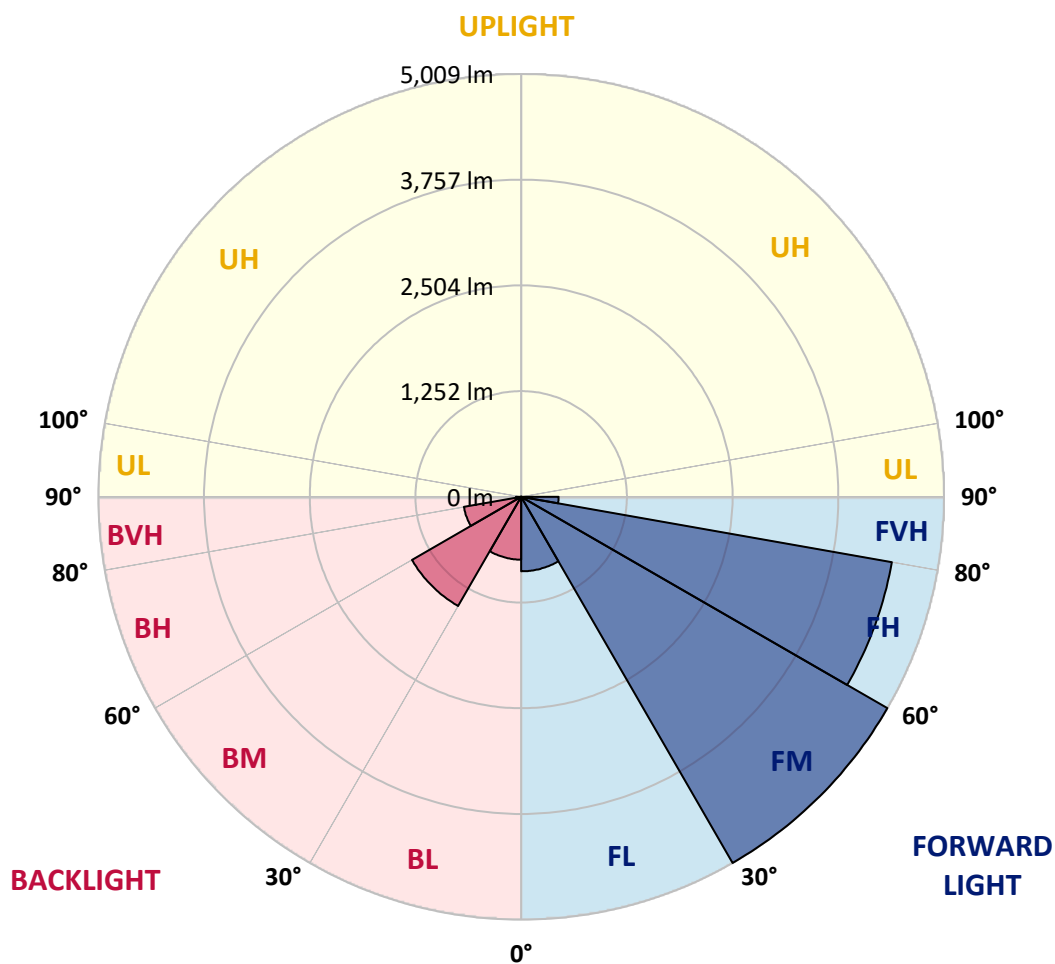
CATALOG NUMBER: VXS-F06-LED-E1-SLR

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	882.5	6.4			
FM	(30°-60°)	5008.7	36.3			
FH	(60°-80°)	4458.7	32.4			G2/5000
FVH	(80°-90°)	443.5	3.2			G3/500
BL	(0°-30°)	744.0	5.4	B2/1000		
BM	(30°-60°)	1493.7	10.8	B2/2500		
BH	(60°-80°)	688.9	5.0	B2/1000		G2/1000
BVH	(80°-90°)	61.9	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: P153335

CATALOG NUMBER: VXS-F06-LED-E1-SLR

CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	1731.9	1731.9	1731.9	1731.9	1731.9	1731.9	1731.9	1731.9	1731.9	1731.9	1731.9
2.5°	1708.8	1713.8	1712.1	1712.1	1715.4	1713.8	1713.8	1715.4	1715.4	1720.4	1727.0
5°	1695.6	1694.0	1690.7	1694.0	1694.0	1694.0	1687.4	1692.3	1694.0	1697.3	1697.3
7.5°	1712.1	1707.2	1700.6	1702.3	1702.3	1699.0	1694.0	1695.6	1694.0	1694.0	1692.3
10°	1733.6	1722.1	1713.8	1713.8	1713.8	1710.5	1702.3	1707.2	1707.2	1705.5	1707.2
12.5°	1771.6	1758.3	1748.5	1745.2	1745.2	1740.2	1733.6	1740.2	1736.9	1736.9	1733.6
15°	1834.3	1819.5	1807.9	1798.0	1799.7	1799.7	1791.4	1786.4	1779.8	1771.6	1755.0
17.5°	1928.4	1911.9	1897.1	1888.8	1890.5	1878.9	1855.8	1832.6	1801.3	1769.9	1735.2
20°	2062.2	2057.2	2037.4	2029.1	2009.3	1981.2	1916.9	1862.4	1801.3	1741.9	1682.4
22.5°	2293.3	2270.2	2250.4	2219.0	2153.0	2075.3	1968.1	1872.3	1776.6	1692.3	1613.1
25°	2603.7	2562.4	2465.0	2369.2	2233.9	2095.2	1949.8	1826.0	1707.2	1596.6	1499.2
27.5°	2909.1	2783.6	2610.3	2437.0	2238.9	2057.2	1875.5	1728.6	1589.9	1469.4	1362.1
30°	3279.0	3067.7	2801.9	2527.8	2247.0	2002.7	1784.8	1613.1	1453.0	1325.8	1213.5
32.5°	3625.7	3320.3	2971.9	2611.9	2265.3	1951.5	1680.7	1485.9	1320.8	1160.7	1050.1
35°	3863.4	3467.3	3044.6	2620.2	2220.6	1854.1	1550.4	1320.8	1155.8	1007.2	876.7
37.5°	4005.5	3531.6	3047.9	2560.8	2116.7	1722.1	1385.2	1157.4	1005.5	863.5	761.1
40°	4094.6	3546.4	3004.9	2474.9	1984.6	1555.3	1220.1	1015.4	876.7	762.8	683.5
42.5°	4137.5	3523.3	2935.5	2365.9	1850.8	1406.7	1104.6	911.4	790.9	709.9	650.5
45°	4144.1	3482.1	2861.2	2266.9	1731.9	1299.4	1025.3	868.5	769.4	701.7	642.3
47.5°	4144.1	3445.7	2801.9	2194.2	1654.3	1253.2	1018.7	886.6	789.2	713.3	642.3
50°	4147.5	3434.2	2777.1	2157.9	1628.0	1277.9	1074.8	942.8	832.1	733.1	640.6
52.5°	4162.3	3449.0	2796.9	2186.0	1675.9	1377.0	1180.5	1026.9	888.3	756.2	640.6
55°	4195.3	3498.5	2881.0	2283.4	1804.6	1527.3	1307.7	1117.7	932.8	766.1	630.7
57.5°	4287.8	3624.0	3034.6	2471.6	2024.1	1700.6	1423.2	1182.2	949.3	757.8	610.9
60°	4472.6	3873.4	3297.1	2735.8	2257.0	1849.2	1490.9	1192.0	934.5	731.4	579.5
62.5°	4768.2	4159.0	3615.8	3023.1	2463.3	1931.7	1499.2	1167.3	894.8	683.5	533.3
63°	4870.6	4229.9	3683.5	3077.5	2489.7	1938.3	1492.5	1157.4	885.0	670.4	526.7
65°	5156.3	4528.8	3917.9	3269.1	2564.0	1940.0	1456.3	1107.9	838.8	619.2	480.4
67.5°	5689.5	4921.8	4213.5	3419.3	2590.5	1887.2	1363.7	1015.4	741.3	539.9	422.7
70°	6026.3	5141.3	4327.4	3422.6	2512.8	1736.9	1203.6	865.2	617.5	447.5	363.2
72.5°	5938.9	4925.1	4026.9	3113.9	2177.7	1451.3	967.6	680.2	482.1	358.2	302.2
75°	5086.8	4099.6	3285.6	2412.2	1646.1	1066.5	708.3	485.4	356.6	280.7	252.6
77.5°	3662.1	2950.5	2356.1	1718.8	1109.5	690.2	470.6	346.7	270.8	231.2	208.1
80°	2333.0	1730.3	1441.3	1033.6	648.9	427.7	323.6	262.5	222.9	193.2	178.3
82.5°	1218.4	853.6	693.5	528.3	359.9	282.3	237.7	214.6	183.3	160.1	151.9
85°	759.5	503.5	373.2	260.8	180.0	161.8	148.6	145.3	130.5	115.5	110.6
87.5°	85.8	77.6	80.9	51.2	37.9	41.2	39.6	52.8	51.2	37.9	39.6
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: P153335

CATALOG NUMBER: VXS-F06-LED-E1-SLR

CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	1731.9	1731.9	1731.9	1731.9	1731.9	1731.9	1731.9	1731.9	1731.9	1731.9	1731.9
2.5°	1720.4	1723.7	1723.7	1728.6	1728.6	1731.9	1735.2	1735.2	1738.5	1740.2	1743.5
5°	1700.6	1700.6	1700.6	1707.2	1708.8	1718.8	1722.1	1725.4	1728.6	1740.2	1746.8
7.5°	1695.6	1689.0	1692.3	1692.3	1697.3	1705.5	1713.8	1718.8	1723.7	1738.5	1748.5
10°	1705.5	1700.6	1695.6	1695.6	1697.3	1700.6	1707.2	1712.1	1715.4	1730.3	1738.5
12.5°	1731.9	1720.4	1710.5	1702.3	1695.6	1694.0	1690.7	1692.3	1695.6	1703.8	1715.4
15°	1736.9	1715.4	1694.0	1672.5	1656.0	1646.1	1637.8	1634.5	1634.5	1639.5	1652.7
17.5°	1703.8	1667.6	1636.2	1608.1	1589.9	1571.8	1563.5	1556.9	1553.7	1560.2	1561.9
20°	1632.8	1589.9	1547.0	1514.0	1481.0	1476.1	1462.8	1466.1	1469.4	1479.4	1484.2
22.5°	1535.4	1484.2	1431.5	1396.8	1370.4	1347.3	1332.4	1339.0	1343.9	1353.9	1358.9
25°	1416.6	1342.3	1286.2	1251.5	1223.4	1203.6	1187.2	1193.7	1187.2	1198.7	1216.8
27.5°	1276.3	1188.7	1129.3	1089.7	1069.8	1053.4	1036.9	1036.9	1053.4	1053.4	1068.2
30°	1106.2	1041.8	964.2	922.9	898.1	888.3	886.6	883.3	894.8	901.5	918.0
32.5°	946.0	866.8	792.5	752.8	731.4	719.9	721.6	723.1	728.1	738.0	764.5
35°	784.2	714.9	662.1	617.5	596.1	574.6	574.6	571.3	576.2	587.8	619.2
37.5°	680.2	619.2	577.8	543.2	521.8	508.5	497.0	492.0	492.0	497.0	508.5
40°	622.5	577.8	539.9	510.2	490.4	478.8	472.2	467.3	463.9	463.9	465.6
42.5°	596.1	549.8	511.8	485.4	470.6	463.9	462.3	460.6	455.6	454.0	452.4
45°	582.8	529.9	487.0	465.6	454.0	450.8	452.4	452.4	450.8	447.5	440.8
47.5°	573.0	511.8	468.9	449.1	444.1	444.1	444.1	444.1	442.5	440.8	435.9
50°	556.4	483.7	437.5	422.7	419.4	419.4	421.0	421.0	424.4	421.0	417.7
52.5°	538.2	457.3	411.1	397.9	396.3	394.6	394.6	394.6	396.3	396.3	394.6
55°	518.4	437.5	397.9	388.0	389.6	388.0	386.3	384.7	384.7	383.0	379.8
57.5°	498.7	421.0	388.0	381.3	383.0	383.0	379.8	376.5	374.8	369.8	366.5
60°	468.9	397.9	368.2	364.9	369.8	369.8	369.8	368.2	368.2	366.5	358.2
62.5°	429.2	364.9	341.8	343.4	345.1	348.4	348.4	348.4	348.4	345.1	336.8
63°	421.0	358.2	336.8	336.8	341.8	341.8	343.4	341.8	343.4	340.1	330.3
65°	388.0	336.8	320.3	322.0	325.3	325.3	325.3	323.6	323.6	318.7	313.7
67.5°	350.1	310.4	300.5	302.2	303.8	307.0	305.5	305.5	307.0	303.8	298.9
70°	307.0	282.3	275.8	277.4	279.1	279.1	277.4	277.4	279.1	275.8	270.8
72.5°	274.1	264.1	259.2	259.2	256.0	256.0	252.6	251.0	249.3	249.3	244.4
75°	231.2	229.5	231.2	234.4	231.2	227.9	226.2	221.2	217.9	217.9	216.3
77.5°	198.1	198.1	201.5	206.4	208.1	208.1	203.1	194.8	193.2	193.2	193.2
80°	171.7	168.4	168.4	173.4	178.3	176.7	168.4	160.1	160.1	168.4	170.1
82.5°	150.3	150.3	145.3	146.9	145.3	143.6	135.3	130.5	128.8	135.3	142.0
85°	118.9	120.5	118.9	117.2	115.5	110.6	104.0	99.1	97.4	104.0	113.9
87.5°	47.9	46.2	44.6	46.2	44.6	47.9	46.2	42.9	41.2	46.2	56.2
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: P153335

CATALOG NUMBER: VXS-F06-LED-E1-SLR

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	1731.9	1731.9	1731.9	1731.9	1731.9	1731.9	1731.9	1731.9	1731.9	1731.9	1731.9
2.5°	1745.2	1748.5	1751.8	1751.8	1755.0	1753.4	1755.0	1756.7	1756.7	1758.3	1758.3
5°	1755.0	1760.0	1766.6	1773.3	1774.9	1779.8	1784.8	1781.5	1786.4	1793.1	1793.1
7.5°	1758.3	1769.9	1774.9	1784.8	1786.4	1793.1	1804.6	1796.4	1806.2	1811.2	1812.8
10°	1753.4	1765.0	1773.3	1784.8	1789.7	1801.3	1812.8	1809.5	1821.1	1829.3	1831.0
12.5°	1723.7	1735.2	1753.4	1769.9	1783.1	1801.3	1822.8	1816.2	1832.6	1842.6	1847.6
15°	1665.9	1677.5	1697.3	1723.7	1748.5	1776.6	1804.6	1809.5	1826.0	1837.6	1842.6
17.5°	1575.1	1589.9	1611.4	1639.5	1670.9	1718.8	1755.0	1773.3	1796.4	1802.9	1811.2
20°	1490.9	1505.8	1519.0	1535.4	1558.5	1604.9	1652.7	1689.0	1718.8	1743.5	1750.2
22.5°	1378.7	1391.8	1408.4	1421.6	1438.0	1471.1	1510.7	1552.0	1598.2	1613.1	1629.6
25°	1243.2	1251.5	1274.6	1282.9	1294.4	1322.5	1353.9	1383.6	1428.2	1459.5	1467.8
27.5°	1097.9	1106.2	1127.7	1132.6	1147.5	1173.9	1197.0	1208.6	1249.8	1282.9	1309.3
30°	929.5	951.0	977.4	980.7	997.2	1013.8	1035.2	1046.7	1084.8	1119.4	1152.4
32.5°	784.2	805.7	827.2	840.4	848.6	861.9	883.3	894.8	931.2	962.6	995.5
35°	635.6	662.1	685.2	703.3	709.9	726.4	743.0	754.5	792.5	820.6	843.7
37.5°	523.4	543.2	568.0	586.1	604.2	615.9	635.6	652.1	675.2	690.2	714.9
40°	468.9	478.8	492.0	506.8	521.8	534.9	549.8	563.0	577.8	597.7	614.2
42.5°	450.8	452.4	452.4	457.3	465.6	472.2	485.4	495.3	505.2	520.1	528.3
45°	437.5	435.9	432.5	429.2	430.9	434.2	442.5	449.1	460.6	467.3	468.9
47.5°	430.9	424.4	417.7	412.7	411.1	412.7	419.4	426.0	432.5	437.5	439.2
50°	409.4	404.5	394.6	388.0	384.7	388.0	396.3	399.6	406.1	411.1	412.7
52.5°	388.0	381.3	374.8	368.2	368.2	369.8	376.5	383.0	389.6	391.3	394.6
55°	374.8	364.9	358.2	353.4	350.1	355.0	359.9	368.2	376.5	378.1	381.3
57.5°	361.6	351.7	345.1	340.1	336.8	341.8	346.7	358.2	368.2	368.2	368.2
60°	353.4	345.1	335.1	330.3	325.3	330.3	336.8	348.4	358.2	356.6	355.0
62.5°	330.3	322.0	317.0	317.0	312.0	320.3	326.9	340.1	341.8	338.4	335.1
63°	323.6	317.0	313.7	313.7	310.4	318.7	325.3	336.8	336.8	333.5	330.3
65°	307.0	302.2	298.9	302.2	302.2	310.4	312.0	320.3	318.7	313.7	312.0
67.5°	293.9	290.6	287.3	287.3	287.3	288.9	290.6	293.9	292.2	290.6	292.2
70°	272.4	270.8	267.5	267.5	265.8	265.8	265.8	267.5	267.5	269.1	270.8
72.5°	246.0	242.7	242.7	244.4	241.0	242.7	244.4	242.7	246.0	246.0	247.7
75°	216.3	214.6	217.9	221.2	219.6	219.6	221.2	221.2	222.9	222.9	224.6
77.5°	193.2	194.8	196.5	199.8	201.5	201.5	201.5	199.8	201.5	201.5	203.1
80°	171.7	175.0	178.3	181.7	183.3	183.3	183.3	181.7	181.7	181.7	181.7
82.5°	155.2	160.1	163.4	165.1	165.1	165.1	165.1	165.1	165.1	161.8	158.5
85°	130.5	140.3	140.3	142.0	137.0	133.8	130.5	132.1	133.8	127.2	125.5
87.5°	66.0	66.0	69.3	72.6	74.3	74.3	84.2	79.3	77.6	76.0	72.6
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: P153335

CATALOG NUMBER: VXS-F06-LED-E1-SLR

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	1731.9	1731.9	1731.9	1731.9	1731.9	1731.9	1731.9	1731.9	1731.9	1731.9	1731.9
2.5°	1760.0	1758.3	1761.7	1758.3	1760.0	1761.7	1758.3	1763.3	1766.6	1761.7	1756.7
5°	1796.4	1796.4	1804.6	1807.9	1809.5	1819.5	1814.5	1817.8	1821.1	1819.5	1821.1
7.5°	1819.5	1826.0	1834.3	1842.6	1844.2	1852.4	1850.8	1855.8	1859.1	1867.4	1867.4
10°	1839.3	1847.6	1859.1	1867.4	1875.5	1882.2	1885.5	1895.4	1897.1	1903.6	1903.6
12.5°	1857.4	1867.4	1878.9	1892.1	1900.3	1913.6	1915.2	1930.1	1935.0	1936.7	1931.7
15°	1854.1	1865.7	1878.9	1893.8	1908.6	1925.1	1935.0	1949.8	1958.1	1961.5	1953.2
17.5°	1822.8	1832.6	1849.2	1869.0	1887.2	1908.6	1926.7	1948.3	1961.5	1964.8	1963.1
20°	1761.7	1768.3	1789.7	1816.2	1837.6	1870.7	1897.1	1930.1	1951.5	1968.1	1973.0
22.5°	1641.1	1657.6	1679.1	1708.8	1740.2	1781.5	1819.5	1867.4	1913.6	1953.2	1992.8
25°	1495.9	1525.6	1558.5	1598.2	1636.2	1679.1	1722.1	1776.6	1844.2	1926.7	2020.9
27.5°	1348.9	1400.1	1441.3	1492.5	1537.1	1580.1	1628.0	1687.4	1761.7	1860.7	1981.2
30°	1200.3	1258.1	1302.7	1362.1	1421.6	1479.4	1527.3	1589.9	1662.6	1763.3	1895.4
32.5°	1041.8	1099.6	1152.4	1206.9	1273.0	1342.3	1400.1	1477.7	1555.3	1659.3	1793.1
35°	878.3	929.5	974.1	1031.9	1104.6	1178.9	1254.8	1343.9	1428.2	1537.1	1679.1
37.5°	736.4	772.6	815.6	866.8	922.9	1002.2	1088.1	1193.7	1289.4	1408.4	1553.7
40°	619.2	639.0	663.7	706.6	757.8	835.4	919.6	1031.9	1147.5	1277.9	1418.2
42.5°	528.3	538.2	544.9	573.0	614.2	690.2	771.1	880.0	1007.2	1149.1	1291.1
45°	468.9	473.9	475.5	490.4	520.1	586.1	670.4	762.8	885.0	1023.6	1172.2
47.5°	440.8	445.8	449.1	452.4	470.6	521.8	597.7	685.2	797.4	924.6	1076.5
50°	417.7	422.7	427.7	426.0	434.2	467.3	531.6	612.5	718.2	835.4	985.7
52.5°	394.6	397.9	397.9	397.9	402.9	424.4	470.6	544.9	642.3	752.8	901.5
55°	381.3	384.7	386.3	388.0	389.6	401.2	435.9	495.3	579.5	681.9	815.6
57.5°	368.2	369.8	373.2	374.8	378.1	384.7	406.1	449.1	520.1	605.9	718.2
60°	356.6	359.9	366.5	368.2	371.5	373.2	383.0	409.4	455.6	521.8	612.5
62.5°	338.4	343.4	350.1	351.7	355.0	356.6	358.2	373.2	394.6	434.2	502.0
63°	333.5	338.4	346.7	348.4	350.1	350.1	351.7	361.6	381.3	416.1	465.6
65°	315.3	322.0	326.9	328.6	330.3	330.3	328.6	331.8	333.5	348.4	378.1
67.5°	295.5	300.5	303.8	305.5	303.8	305.5	303.8	300.5	297.2	300.5	313.7
70°	275.8	279.1	279.1	280.7	282.3	283.9	280.7	277.4	274.1	272.4	280.7
72.5°	252.6	256.0	256.0	257.5	257.5	260.8	260.8	259.2	259.2	260.8	262.5
75°	229.5	232.8	231.2	234.4	234.4	239.4	239.4	241.0	244.4	242.7	241.0
77.5°	208.1	209.6	209.6	211.3	213.0	221.2	226.2	227.9	227.9	224.6	221.2
80°	184.9	184.9	181.7	180.0	181.7	189.8	199.8	201.5	206.4	204.8	206.4
82.5°	155.2	148.6	143.6	143.6	146.9	151.9	155.2	158.5	161.8	161.8	165.1
85°	118.9	112.2	107.4	109.0	113.9	115.5	113.9	113.9	120.5	125.5	120.5
87.5°	71.0	64.4	61.1	56.2	57.8	62.7	61.1	56.2	57.8	46.2	42.9
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: P153335

CATALOG NUMBER: VXS-F06-LED-E1-SLR

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	1731.9	1731.9	1731.9	1731.9	1731.9	1731.9	1731.9	1731.9	1731.9	1731.9	1731.9
2.5°	1760.0	1758.3	1755.0	1750.2	1748.5	1745.2	1746.8	1741.9	1738.5	1735.2	1730.3
5°	1821.1	1821.1	1811.2	1811.2	1806.2	1804.6	1793.1	1788.1	1778.1	1781.5	1769.9
7.5°	1864.0	1869.0	1857.4	1855.8	1849.2	1847.6	1832.6	1827.7	1819.5	1816.2	1806.2
10°	1895.4	1895.4	1880.5	1869.0	1860.7	1852.4	1837.6	1831.0	1824.5	1826.0	1819.5
12.5°	1920.2	1908.6	1887.2	1870.7	1859.1	1850.8	1839.3	1834.3	1832.6	1844.2	1845.9
15°	1940.0	1923.5	1897.1	1885.5	1875.5	1874.0	1874.0	1878.9	1890.5	1911.9	1928.4
17.5°	1951.5	1941.7	1928.4	1925.1	1941.7	1951.5	1964.8	1979.6	1996.2	2025.8	2044.0
20°	1973.0	1979.6	1989.5	2002.7	2029.1	2053.9	2070.5	2091.9	2111.7	2148.0	2177.7
22.5°	2029.1	2067.2	2098.4	2124.9	2164.6	2199.2	2220.6	2250.4	2265.3	2290.1	2336.3
25°	2101.8	2179.4	2245.4	2301.6	2362.7	2399.0	2428.7	2466.6	2489.7	2531.1	2572.3
27.5°	2080.3	2191.0	2290.1	2394.0	2478.2	2572.3	2638.3	2701.1	2740.7	2801.9	2856.3
30°	2014.3	2146.3	2280.1	2417.1	2550.9	2686.2	2811.7	2925.7	3013.2	3100.6	3189.8
32.5°	1925.1	2077.0	2240.5	2408.9	2583.9	2772.1	2945.5	3117.2	3262.5	3389.6	3513.5
35°	1822.8	1994.5	2164.6	2372.5	2588.8	2828.3	3069.3	3307.0	3528.3	3752.8	3904.8
37.5°	1700.6	1875.5	2065.5	2304.9	2559.2	2854.7	3161.8	3472.1	3785.9	4088.0	4350.5
40°	1570.2	1748.5	1948.3	2207.5	2494.7	2838.1	3221.2	3639.0	4069.8	4507.4	4855.8
42.5°	1454.6	1637.8	1855.8	2118.3	2430.4	2816.7	3269.1	3782.6	4309.2	4850.8	5362.6
45°	1342.3	1543.7	1773.3	2055.5	2402.3	2833.2	3340.1	3916.3	4523.8	5181.0	5805.1
47.5°	1241.6	1446.3	1669.2	1977.9	2361.0	2841.5	3409.4	4050.1	4726.9	5438.5	6179.9
50°	1150.8	1348.9	1568.5	1878.9	2296.6	2836.5	3472.1	4170.6	4902.0	5641.7	6468.8
52.5°	1061.7	1263.0	1487.6	1783.1	2217.4	2808.4	3501.9	4269.6	5063.7	5846.3	6701.7
55°	974.1	1172.2	1398.4	1692.3	2113.4	2735.8	3498.5	4334.0	5192.5	6039.6	6926.1
57.5°	871.7	1060.0	1281.2	1591.6	2002.7	2623.5	3449.0	4363.7	5303.2	6231.1	7195.2
60°	744.7	921.2	1134.3	1444.7	1857.4	2479.9	3345.1	4347.3	5367.6	6373.1	7424.8
62.5°	587.8	741.3	936.2	1239.9	1675.9	2273.5	3150.2	4197.0	5265.2	6353.3	7532.1
63°	554.7	700.0	889.9	1190.4	1598.2	2217.4	3092.4	4137.5	5215.6	6311.9	7517.2
65°	445.8	539.9	691.8	960.9	1337.3	1941.7	2805.2	3832.1	4949.8	6021.3	7302.6
67.5°	341.8	389.6	470.6	658.8	946.0	1527.3	2271.8	3247.6	4296.1	5303.2	6610.8
70°	292.2	313.7	348.4	437.5	600.9	964.2	1594.9	2422.1	3330.2	4203.5	5379.2
72.5°	265.8	275.8	293.9	331.8	412.7	577.8	1017.1	1576.8	2265.3	2996.7	3904.8
75°	244.4	252.6	267.5	287.3	317.0	384.7	579.5	964.2	1472.7	1968.1	2635.0
77.5°	222.9	227.9	244.4	262.5	282.3	317.0	383.0	554.7	846.9	1160.7	1588.3
80°	204.8	201.5	213.0	242.7	262.5	282.3	302.2	359.9	482.1	635.6	858.5
82.5°	163.4	166.7	176.7	206.4	214.6	209.6	213.0	222.9	269.1	293.9	439.2
85°	110.6	102.4	100.7	104.0	104.0	99.1	99.1	97.4	107.4	122.2	209.6
87.5°	29.7	14.8	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: P153335
CATALOG NUMBER: VXS-F06-LED-E1-SLR

REPORT N
CATALOG

CANDELA DISTRIBUTION (continued):

CANDELA

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°	
0°	1731.9	1731.9	1731.9	1731.9	1731.9	1731.9	1731.9	1731.9	1731.9	1731.9	1731.9	0°
2.5°	1727.0	1725.4	1727.0	1718.8	1718.8	1717.1	1715.4	1712.1	1712.1	1705.5	1710.5	2.5°
5°	1760.0	1756.7	1750.2	1740.2	1735.2	1728.6	1728.6	1722.1	1717.1	1710.5	1712.1	5°
7.5°	1798.0	1799.7	1788.1	1779.8	1776.6	1771.6	1771.6	1761.7	1763.3	1758.3	1755.0	7.5°
10°	1819.5	1819.5	1822.8	1821.1	1824.5	1824.5	1829.3	1822.8	1819.5	1814.5	1814.5	10°
12.5°	1854.1	1860.7	1874.0	1874.0	1883.8	1887.2	1888.8	1892.1	1885.5	1882.2	1870.7	12.5°
15°	1940.0	1956.5	1968.1	1984.6	2004.4	2011.0	2011.0	2004.4	2001.0	1996.2	1974.6	15°
17.5°	2082.0	2118.3	2128.2	2154.6	2157.9	2166.2	2189.3	2176.1	2167.9	2133.2	2126.5	17.5°
20°	2227.3	2273.5	2319.7	2352.7	2369.2	2402.3	2407.3	2400.6	2367.6	2334.6	2319.7	20°
22.5°	2402.3	2471.6	2524.5	2575.6	2600.4	2616.9	2653.3	2645.0	2618.5	2569.0	2549.2	22.5°
25°	2649.9	2735.8	2791.9	2854.7	2887.7	2904.1	2940.5	2940.5	2912.4	2897.6	2896.0	25°
27.5°	2962.0	3067.7	3160.1	3181.6	3267.5	3287.3	3321.9	3321.9	3295.5	3277.3	3364.9	27.5°
30°	3308.7	3419.3	3579.5	3686.8	3790.8	3893.2	3891.5	3898.1	3929.5	3946.0	3983.9	30°
32.5°	3655.4	3792.4	3962.5	4195.3	4418.2	4608.1	4854.1	5011.0	4963.0	4829.3	4776.5	32.5°
35°	4076.5	4228.3	4434.7	4669.1	5077.0	5323.0	5441.9	5526.1	5536.0	5554.1	5592.1	35°
37.5°	4545.4	4799.6	5039.0	5304.9	5531.0	5829.8	6105.6	6326.8	6378.0	6482.1	6422.6	37.5°
40°	5138.0	5422.1	5673.1	6016.5	6320.2	6680.1	7074.7	7378.5	7500.7	7461.1	7163.9	40°
42.5°	5758.9	6110.6	6404.5	6808.9	7203.5	7679.1	8086.8	8511.2	8587.2	8281.7	7837.5	42.5°
45°	6330.2	6766.0	7130.9	7551.9	8034.0	8603.6	9148.5	9584.4	9569.5	9046.1	8451.7	45°
47.5°	6843.6	7378.5	7824.4	8372.4	8890.9	9569.5	10195.2	10517.2	10327.4	9708.2	8980.1	47.5°
50°	7267.9	7934.9	8484.8	9039.5	9698.2	10515.5	11118.1	11299.8	10933.3	10259.6	9493.6	50°
52.5°	7609.6	8446.7	9064.2	9703.2	10535.3	11395.5	11914.0	11846.3	11372.4	10680.6	9917.8	52.5°
55°	7898.7	8838.0	9574.4	10329.0	11360.8	12153.4	12498.4	12316.8	11654.7	10953.1	10208.4	55°
57.5°	8197.5	9217.8	10043.3	10918.3	12067.6	12747.8	12939.3	12566.1	11788.5	11057.1	10333.9	57.5°
60°	8496.3	9534.8	10457.7	11433.5	12602.5	13233.2	13180.3	12622.3	11748.9	10981.1	10249.7	60°
62.5°	8697.7	9723.0	10698.8	11750.6	13003.6	13480.8	13157.2	12422.5	11519.4	10682.3	9998.8	62.5°
63°	8702.7	9729.6	10713.7	11772.0	13048.3	13489.1	13112.6	12351.5	11446.7	10621.2	9924.5	63°
65°	8598.7	9605.8	10581.6	11674.6	13010.3	13299.2	12728.0	11932.1	11032.3	10198.5	9538.1	65°
67.5°	8067.0	9094.0	9955.9	10986.1	12330.1	12412.6	11697.7	11055.4	10246.4	9382.9	8692.7	67.5°
70°	6995.5	7849.1	8694.4	9554.6	10682.3	10667.5	9995.4	9668.5	8960.2	7976.3	7423.1	70°
72.5°	5564.0	6330.2	6924.5	7500.7	8243.7	8093.5	7660.8	7751.7	7292.6	6557.9	6229.4	72.5°
75°	4130.9	4973.0	5263.5	5498.0	5811.7	5813.4	5932.2	6189.7	6183.2	5775.3	5360.9	75°
77.5°	2709.3	3630.7	3728.1	3916.3	4292.7	4804.6	5332.8	5900.8	6042.8	5720.9	5108.4	77.5°
80°	1510.7	2468.3	2356.1	2517.8	2924.0	3619.1	4398.4	5025.8	5395.6	5215.6	4566.8	80°
82.5°	772.6	1423.2	1360.4	1585.0	1913.6	2517.8	3033.0	3515.1	3951.0	3926.2	3680.2	82.5°
85°	401.2	779.3	886.6	1003.8	1168.9	1385.2	1580.1	1720.4	1902.0	2222.3	2331.3	85°
87.5°	0.0	0.0	0.0	0.0	0.0	1.7	0.0	118.9	85.8	236.1	336.8	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: P153335

NUMBER: VXS-F06-LED-E1-SLR

DISTRIBUTION (continued):

330°	335°	340°	345°	350°	355°	360°
1731.9	1731.9	1731.9	1731.9	1731.9	1731.9	1731.9
1712.1	1713.8	1710.5	1710.5	1712.1	1712.1	1708.8
1708.8	1708.8	1705.5	1702.3	1699.0	1699.0	1695.6
1746.8	1746.8	1735.2	1730.3	1722.1	1715.4	1712.1
1802.9	1793.1	1779.8	1769.9	1756.7	1741.9	1733.6
1859.1	1844.2	1827.7	1812.8	1796.4	1779.8	1771.6
1951.5	1931.7	1910.3	1892.1	1869.0	1844.2	1834.3
2093.6	2062.2	2034.1	2007.7	1966.4	1948.3	1928.4
2281.8	2235.5	2199.2	2154.6	2103.4	2086.9	2062.2
2509.6	2469.9	2397.3	2364.4	2313.2	2288.4	2293.3
2856.3	2805.2	2720.9	2689.5	2684.6	2630.2	2603.7
3308.7	3312.0	3234.4	3150.2	3103.9	3018.1	2909.1
3952.6	3908.1	3817.2	3731.4	3622.4	3460.6	3279.0
4731.9	4632.8	4482.6	4322.5	4129.3	3880.0	3625.7
5493.1	5319.7	5080.3	4812.8	4533.8	4223.4	3863.4
6161.8	5892.6	5534.3	5227.3	4832.6	4444.7	4005.5
6772.6	6439.1	5976.8	5578.9	5113.3	4614.7	4094.6
7363.7	6941.0	6374.7	5836.5	5309.7	4728.6	4137.5
7926.7	7381.9	6709.8	6069.2	5453.4	4802.9	4144.1
8359.3	7764.9	7010.4	6237.6	5552.4	4859.1	4144.1
8760.5	8088.5	7239.9	6369.7	5645.0	4897.0	4147.5
9072.5	8316.4	7388.5	6463.8	5717.6	4925.1	4162.3
9298.8	8465.0	7487.5	6521.7	5770.5	4964.7	4195.3
9457.2	8562.4	7542.0	6572.8	5834.8	5034.1	4287.8
9533.2	8742.3	7632.8	6675.2	5945.4	5181.0	4472.6
9475.3	9021.3	7892.0	6848.6	6099.0	5410.5	4768.2
9450.6	9072.5	7963.0	6886.5	6133.7	5460.0	4870.6
9257.4	9123.7	8255.2	7078.0	6298.8	5679.6	5156.3
8658.1	8922.3	8501.2	7401.7	6653.8	6212.8	5689.5
7882.1	8623.4	8456.7	7442.9	6879.9	6650.5	6026.3
6952.5	7720.3	7565.1	6893.2	6630.6	6655.3	5938.9
5471.6	6047.8	5945.4	5709.3	5762.2	5943.7	5086.8
4383.5	4305.9	4069.8	4086.3	4391.8	4604.8	3662.1
3581.1	2899.3	2592.1	2600.4	3133.7	3354.9	2333.0
3407.8	2742.4	2233.9	1951.5	2280.1	2195.9	1218.4
2427.0	2432.0	2017.6	1639.5	1588.3	1350.6	759.5
574.6	460.6	328.6	244.4	257.5	170.1	85.8
0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)