

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: P152765

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

Issue Date: 03/03/2020

Test Information

Test Method: LM-79-08
Report Number: P152765
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-SLL
Description: VISION SITE SMALL LED LUMINAIRE
(6) LIGHTBARS WITH AccuLED OPTICS - 90° SPILL LIGHT ELIMINATOR LEFT
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



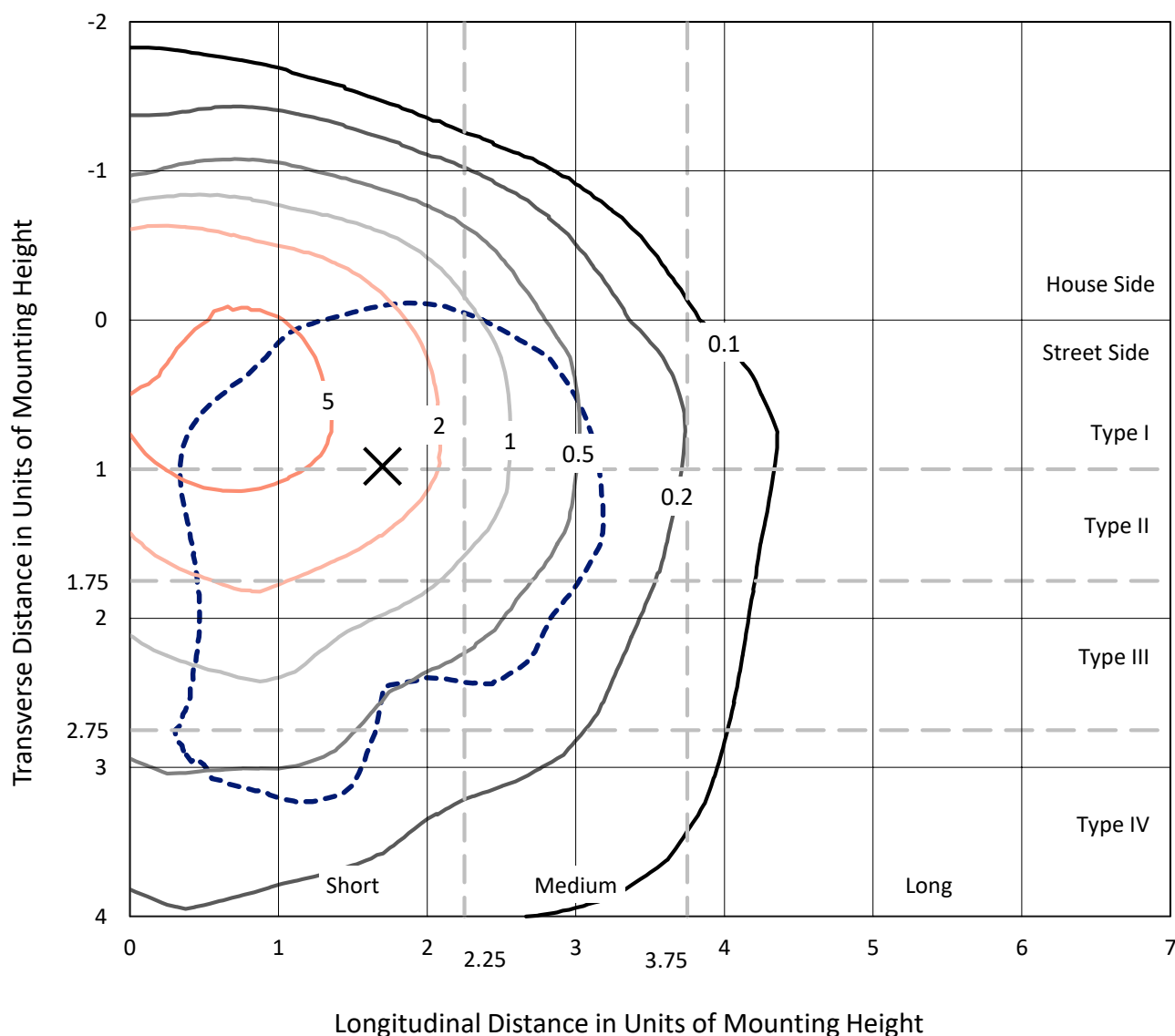
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Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

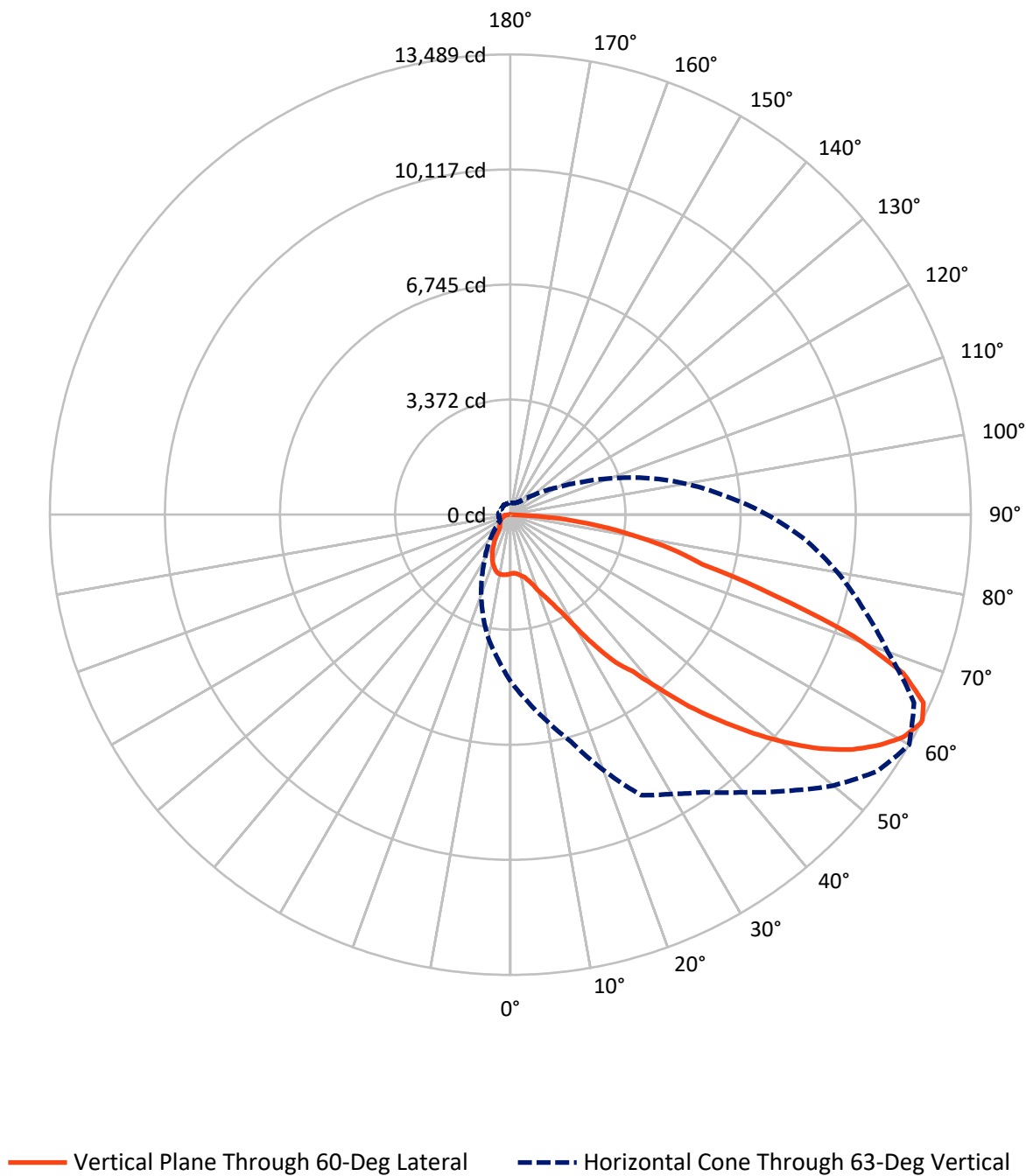


Based on 20 foot mounting height. Maximum calculated value = 8.6 fc
 Type IV - Short - Non-Cutoff

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Luminous Intensity Polar Plot



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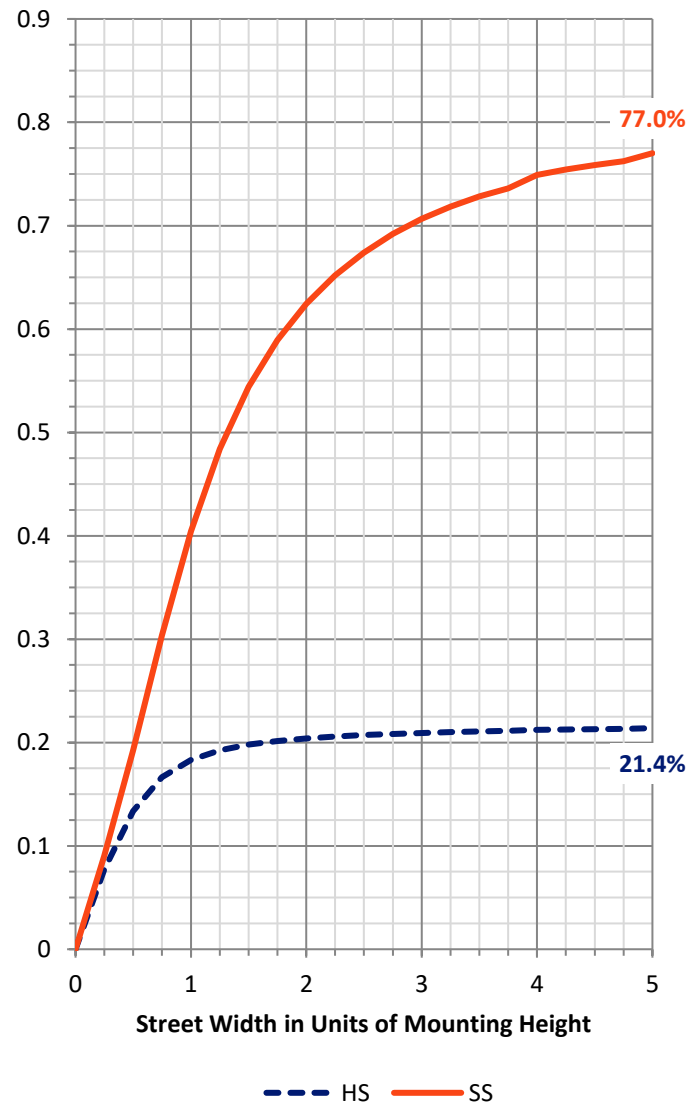
FLUX DISTRIBUTION:

		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



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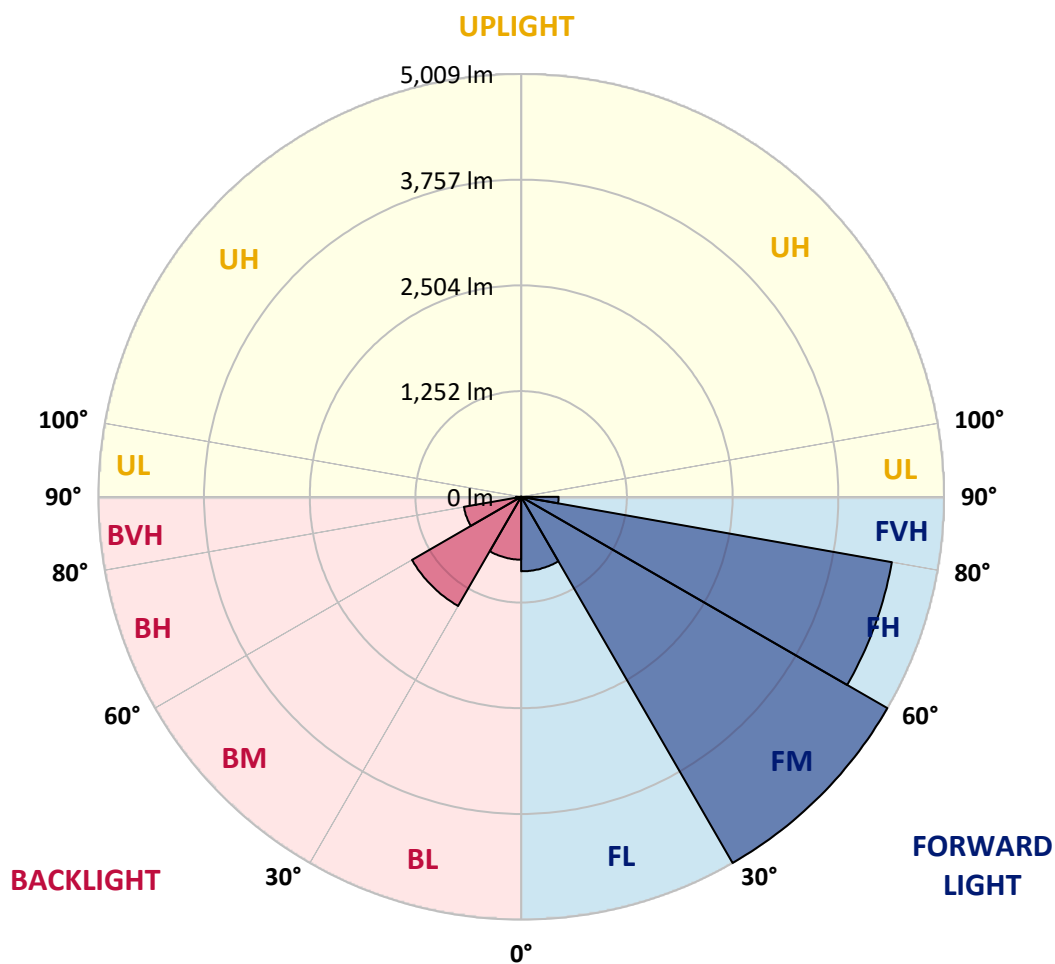
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	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



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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	1712.1	1712.1	1710.5	1710.5	1713.8	1712.1	1710.5	1705.5	1712.1	1712.1
5°	1695.6	1699.0	1699.0	1702.3	1705.5	1708.8	1708.8	1712.1	1710.5	1717.1	1722.1
7.5°	1712.1	1715.4	1722.1	1730.3	1735.2	1746.8	1746.8	1755.0	1758.3	1763.3	1761.7
10°	1733.6	1741.9	1756.7	1769.9	1779.8	1793.1	1802.9	1814.5	1814.5	1819.5	1822.8
12.5°	1771.6	1779.8	1796.4	1812.8	1827.7	1844.2	1859.1	1870.7	1882.2	1885.5	1892.1
15°	1834.3	1844.2	1869.0	1892.1	1910.3	1931.7	1951.5	1974.6	1996.2	2001.0	2004.4
17.5°	1928.4	1948.3	1966.4	2007.7	2034.1	2062.2	2093.6	2126.5	2133.2	2167.9	2176.1
20°	2062.2	2086.9	2103.4	2154.6	2199.2	2235.5	2281.8	2319.7	2334.6	2367.6	2400.6
22.5°	2293.3	2288.4	2313.2	2364.4	2397.3	2469.9	2509.6	2549.2	2569.0	2618.5	2645.0
25°	2603.7	2630.2	2684.6	2689.5	2720.9	2805.2	2856.3	2896.0	2897.6	2912.4	2940.5
27.5°	2909.1	3018.1	3103.9	3150.2	3234.4	3312.0	3308.7	3364.9	3277.3	3295.5	3321.9
30°	3279.0	3460.6	3622.4	3731.4	3817.2	3908.1	3952.6	3983.9	3946.0	3929.5	3898.1
32.5°	3625.7	3880.0	4129.3	4322.5	4482.6	4632.8	4731.9	4776.5	4829.3	4963.0	5011.0
35°	3863.4	4223.4	4533.8	4812.8	5080.3	5319.7	5493.1	5592.1	5554.1	5536.0	5526.1
37.5°	4005.5	4444.7	4832.6	5227.3	5534.3	5892.6	6161.8	6422.6	6482.1	6378.0	6326.8
40°	4094.6	4614.7	5113.3	5578.9	5976.8	6439.1	6772.6	7163.9	7461.1	7500.7	7378.5
42.5°	4137.5	4728.6	5309.7	5836.5	6374.7	6941.0	7363.7	7837.5	8281.7	8587.2	8511.2
45°	4144.1	4802.9	5453.4	6069.2	6709.8	7381.9	7926.7	8451.7	9046.1	9569.5	9584.4
47.5°	4144.1	4859.1	5552.4	6237.6	7010.4	7764.9	8359.3	8980.1	9708.2	10327.4	10517.2
50°	4147.5	4897.0	5645.0	6369.7	7239.9	8088.5	8760.5	9493.6	10259.6	10933.3	11299.8
52.5°	4162.3	4925.1	5717.6	6463.8	7388.5	8316.4	9072.5	9917.8	10680.6	11372.4	11846.3
55°	4195.3	4964.7	5770.5	6521.7	7487.5	8465.0	9298.8	10208.4	10953.1	11654.7	12316.8
57.5°	4287.8	5034.1	5834.8	6572.8	7542.0	8562.4	9457.2	10333.9	11057.1	11788.5	12566.1
60°	4472.6	5181.0	5945.4	6675.2	7632.8	8742.3	9533.2	10249.7	10981.1	11748.9	12622.3
62.5°	4768.2	5410.5	6099.0	6848.6	7892.0	9021.3	9475.3	9998.8	10682.3	11519.4	12422.5
63°	4870.6	5460.0	6133.7	6886.5	7963.0	9072.5	9450.6	9924.5	10621.2	11446.7	12351.5
65°	5156.3	5679.6	6298.8	7078.0	8255.2	9123.7	9257.4	9538.1	10198.5	11032.3	11932.1
67.5°	5689.5	6212.8	6653.8	7401.7	8501.2	8922.3	8658.1	8692.7	9382.9	10246.4	11055.4
70°	6026.3	6650.5	6879.9	7442.9	8456.7	8623.4	7882.1	7423.1	7976.3	8960.2	9668.5
72.5°	5938.9	6655.3	6630.6	6893.2	7565.1	7720.3	6952.5	6229.4	6557.9	7292.6	7751.7
75°	5086.8	5943.7	5762.2	5709.3	5945.4	6047.8	5471.6	5360.9	5775.3	6183.2	6189.7
77.5°	3662.1	4604.8	4391.8	4086.3	4069.8	4305.9	4383.5	5108.4	5720.9	6042.8	5900.8
80°	2333.0	3354.9	3133.7	2600.4	2592.1	2899.3	3581.1	4566.8	5215.6	5395.6	5025.8
82.5°	1218.4	2195.9	2280.1	1951.5	2233.9	2742.4	3407.8	3680.2	3926.2	3951.0	3515.1
85°	759.5	1350.6	1588.3	1639.5	2017.6	2432.0	2427.0	2331.3	2222.3	1902.0	1720.4
87.5°	85.8	170.1	257.5	244.4	328.6	460.6	574.6	336.8	236.1	85.8	118.9
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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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°	1715.4	1717.1	1718.8	1718.8	1727.0	1725.4	1727.0	1730.3	1735.2	1738.5	1741.9
5°	1728.6	1728.6	1735.2	1740.2	1750.2	1756.7	1760.0	1769.9	1781.5	1778.1	1788.1
7.5°	1771.6	1769.9	1776.6	1779.8	1788.1	1799.7	1798.0	1806.2	1816.2	1819.5	1827.7
10°	1829.3	1824.5	1824.5	1821.1	1822.8	1819.5	1819.5	1819.5	1826.0	1824.5	1831.0
12.5°	1888.8	1887.2	1883.8	1874.0	1874.0	1860.7	1854.1	1845.9	1844.2	1832.6	1834.3
15°	2011.0	2011.0	2004.4	1984.6	1968.1	1956.5	1940.0	1928.4	1911.9	1890.5	1878.9
17.5°	2189.3	2166.2	2157.9	2154.6	2128.2	2118.3	2082.0	2044.0	2025.8	1996.2	1979.6
20°	2407.3	2402.3	2369.2	2352.7	2319.7	2273.5	2227.3	2177.7	2148.0	2111.7	2091.9
22.5°	2653.3	2616.9	2600.4	2575.6	2524.5	2471.6	2402.3	2336.3	2290.1	2265.3	2250.4
25°	2940.5	2904.1	2887.7	2854.7	2791.9	2735.8	2649.9	2572.3	2531.1	2489.7	2466.6
27.5°	3321.9	3287.3	3267.5	3181.6	3160.1	3067.7	2962.0	2856.3	2801.9	2740.7	2701.1
30°	3891.5	3893.2	3790.8	3686.8	3579.5	3419.3	3308.7	3189.8	3100.6	3013.2	2925.7
32.5°	4854.1	4608.1	4418.2	4195.3	3962.5	3792.4	3655.4	3513.5	3389.6	3262.5	3117.2
35°	5441.9	5323.0	5077.0	4669.1	4434.7	4228.3	4076.5	3904.8	3752.8	3528.3	3307.0
37.5°	6105.6	5829.8	5531.0	5304.9	5039.0	4799.6	4545.4	4350.5	4088.0	3785.9	3472.1
40°	7074.7	6680.1	6320.2	6016.5	5673.1	5422.1	5138.0	4855.8	4507.4	4069.8	3639.0
42.5°	8086.8	7679.1	7203.5	6808.9	6404.5	6110.6	5758.9	5362.6	4850.8	4309.2	3782.6
45°	9148.5	8603.6	8034.0	7551.9	7130.9	6766.0	6330.2	5805.1	5181.0	4523.8	3916.3
47.5°	10195.2	9569.5	8890.9	8372.4	7824.4	7378.5	6843.6	6179.9	5438.5	4726.9	4050.1
50°	11118.1	10515.5	9698.2	9039.5	8484.8	7934.9	7267.9	6468.8	5641.7	4902.0	4170.6
52.5°	11914.0	11395.5	10535.3	9703.2	9064.2	8446.7	7609.6	6701.7	5846.3	5063.7	4269.6
55°	12498.4	12153.4	11360.8	10329.0	9574.4	8838.0	7898.7	6926.1	6039.6	5192.5	4334.0
57.5°	12939.3	12747.8	12067.6	10918.3	10043.3	9217.8	8197.5	7195.2	6231.1	5303.2	4363.7
60°	13180.3	13233.2	12602.5	11433.5	10457.7	9534.8	8496.3	7424.8	6373.1	5367.6	4347.3
62.5°	13157.2	13480.8	13003.6	11750.6	10698.8	9723.0	8697.7	7532.1	6353.3	5265.2	4197.0
63°	13112.6	13489.1	13048.3	11772.0	10713.7	9729.6	8702.7	7517.2	6311.9	5215.6	4137.5
65°	12728.0	13299.2	13010.3	11674.6	10581.6	9605.8	8598.7	7302.6	6021.3	4949.8	3832.1
67.5°	11697.7	12412.6	12330.1	10986.1	9955.9	9094.0	8067.0	6610.8	5303.2	4296.1	3247.6
70°	9995.4	10667.5	10682.3	9554.6	8694.4	7849.1	6995.5	5379.2	4203.5	3330.2	2422.1
72.5°	7660.8	8093.5	8243.7	7500.7	6924.5	6330.2	5564.0	3904.8	2996.7	2265.3	1576.8
75°	5932.2	5813.4	5811.7	5498.0	5263.5	4973.0	4130.9	2635.0	1968.1	1472.7	964.2
77.5°	5332.8	4804.6	4292.7	3916.3	3728.1	3630.7	2709.3	1588.3	1160.7	846.9	554.7
80°	4398.4	3619.1	2924.0	2517.8	2356.1	2468.3	1510.7	858.5	635.6	482.1	359.9
82.5°	3033.0	2517.8	1913.6	1585.0	1360.4	1423.2	772.6	439.2	293.9	269.1	222.9
85°	1580.1	1385.2	1168.9	1003.8	886.6	779.3	401.2	209.6	122.2	107.4	97.4
87.5°	0.0	1.7	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

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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°	1746.8	1745.2	1748.5	1750.2	1755.0	1758.3	1760.0	1756.7	1761.7	1766.6	1763.3
5°	1793.1	1804.6	1806.2	1811.2	1811.2	1821.1	1821.1	1821.1	1819.5	1821.1	1817.8
7.5°	1832.6	1847.6	1849.2	1855.8	1857.4	1869.0	1864.0	1867.4	1867.4	1859.1	1855.8
10°	1837.6	1852.4	1860.7	1869.0	1880.5	1895.4	1895.4	1903.6	1903.6	1897.1	1895.4
12.5°	1839.3	1850.8	1859.1	1870.7	1887.2	1908.6	1920.2	1931.7	1936.7	1935.0	1930.1
15°	1874.0	1874.0	1875.5	1885.5	1897.1	1923.5	1940.0	1953.2	1961.5	1958.1	1949.8
17.5°	1964.8	1951.5	1941.7	1925.1	1928.4	1941.7	1951.5	1963.1	1964.8	1961.5	1948.3
20°	2070.5	2053.9	2029.1	2002.7	1989.5	1979.6	1973.0	1973.0	1968.1	1951.5	1930.1
22.5°	2220.6	2199.2	2164.6	2124.9	2098.4	2067.2	2029.1	1992.8	1953.2	1913.6	1867.4
25°	2428.7	2399.0	2362.7	2301.6	2245.4	2179.4	2101.8	2020.9	1926.7	1844.2	1776.6
27.5°	2638.3	2572.3	2478.2	2394.0	2290.1	2191.0	2080.3	1981.2	1860.7	1761.7	1687.4
30°	2811.7	2686.2	2550.9	2417.1	2280.1	2146.3	2014.3	1895.4	1763.3	1662.6	1589.9
32.5°	2945.5	2772.1	2583.9	2408.9	2240.5	2077.0	1925.1	1793.1	1659.3	1555.3	1477.7
35°	3069.3	2828.3	2588.8	2372.5	2164.6	1994.5	1822.8	1679.1	1537.1	1428.2	1343.9
37.5°	3161.8	2854.7	2559.2	2304.9	2065.5	1875.5	1700.6	1553.7	1408.4	1289.4	1193.7
40°	3221.2	2838.1	2494.7	2207.5	1948.3	1748.5	1570.2	1418.2	1277.9	1147.5	1031.9
42.5°	3269.1	2816.7	2430.4	2118.3	1855.8	1637.8	1454.6	1291.1	1149.1	1007.2	880.0
45°	3340.1	2833.2	2402.3	2055.5	1773.3	1543.7	1342.3	1172.2	1023.6	885.0	762.8
47.5°	3409.4	2841.5	2361.0	1977.9	1669.2	1446.3	1241.6	1076.5	924.6	797.4	685.2
50°	3472.1	2836.5	2296.6	1878.9	1568.5	1348.9	1150.8	985.7	835.4	718.2	612.5
52.5°	3501.9	2808.4	2217.4	1783.1	1487.6	1263.0	1061.7	901.5	752.8	642.3	544.9
55°	3498.5	2735.8	2113.4	1692.3	1398.4	1172.2	974.1	815.6	681.9	579.5	495.3
57.5°	3449.0	2623.5	2002.7	1591.6	1281.2	1060.0	871.7	718.2	605.9	520.1	449.1
60°	3345.1	2479.9	1857.4	1444.7	1134.3	921.2	744.7	612.5	521.8	455.6	409.4
62.5°	3150.2	2273.5	1675.9	1239.9	936.2	741.3	587.8	502.0	434.2	394.6	373.2
63°	3092.4	2217.4	1598.2	1190.4	889.9	700.0	554.7	465.6	416.1	381.3	361.6
65°	2805.2	1941.7	1337.3	960.9	691.8	539.9	445.8	378.1	348.4	333.5	331.8
67.5°	2271.8	1527.3	946.0	658.8	470.6	389.6	341.8	313.7	300.5	297.2	300.5
70°	1594.9	964.2	600.9	437.5	348.4	313.7	292.2	280.7	272.4	274.1	277.4
72.5°	1017.1	577.8	412.7	331.8	293.9	275.8	265.8	262.5	260.8	259.2	259.2
75°	579.5	384.7	317.0	287.3	267.5	252.6	244.4	241.0	242.7	244.4	241.0
77.5°	383.0	317.0	282.3	262.5	244.4	227.9	222.9	221.2	224.6	227.9	227.9
80°	302.2	282.3	262.5	242.7	213.0	201.5	204.8	206.4	204.8	206.4	201.5
82.5°	213.0	209.6	214.6	206.4	176.7	166.7	163.4	165.1	161.8	161.8	158.5
85°	99.1	99.1	104.0	104.0	100.7	102.4	110.6	120.5	125.5	120.5	113.9
87.5°	0.0	0.0	0.0	0.0	0.0	14.8	29.7	42.9	46.2	57.8	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: P152765

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

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°	1758.3	1761.7	1760.0	1758.3	1761.7	1758.3	1760.0	1758.3	1758.3	1756.7	1756.7
5°	1814.5	1819.5	1809.5	1807.9	1804.6	1796.4	1796.4	1793.1	1793.1	1786.4	1781.5
7.5°	1850.8	1852.4	1844.2	1842.6	1834.3	1826.0	1819.5	1812.8	1811.2	1806.2	1796.4
10°	1885.5	1882.2	1875.5	1867.4	1859.1	1847.6	1839.3	1831.0	1829.3	1821.1	1809.5
12.5°	1915.2	1913.6	1900.3	1892.1	1878.9	1867.4	1857.4	1847.6	1842.6	1832.6	1816.2
15°	1935.0	1925.1	1908.6	1893.8	1878.9	1865.7	1854.1	1842.6	1837.6	1826.0	1809.5
17.5°	1926.7	1908.6	1887.2	1869.0	1849.2	1832.6	1822.8	1811.2	1802.9	1796.4	1773.3
20°	1897.1	1870.7	1837.6	1816.2	1789.7	1768.3	1761.7	1750.2	1743.5	1718.8	1689.0
22.5°	1819.5	1781.5	1740.2	1708.8	1679.1	1657.6	1641.1	1629.6	1613.1	1598.2	1552.0
25°	1722.1	1679.1	1636.2	1598.2	1558.5	1525.6	1495.9	1467.8	1459.5	1428.2	1383.6
27.5°	1628.0	1580.1	1537.1	1492.5	1441.3	1400.1	1348.9	1309.3	1282.9	1249.8	1208.6
30°	1527.3	1479.4	1421.6	1362.1	1302.7	1258.1	1200.3	1152.4	1119.4	1084.8	1046.7
32.5°	1400.1	1342.3	1273.0	1206.9	1152.4	1099.6	1041.8	995.5	962.6	931.2	894.8
35°	1254.8	1178.9	1104.6	1031.9	974.1	929.5	878.3	843.7	820.6	792.5	754.5
37.5°	1088.1	1002.2	922.9	866.8	815.6	772.6	736.4	714.9	690.2	675.2	652.1
40°	919.6	835.4	757.8	706.6	663.7	639.0	619.2	614.2	597.7	577.8	563.0
42.5°	771.1	690.2	614.2	573.0	544.9	538.2	528.3	528.3	520.1	505.2	495.3
45°	670.4	586.1	520.1	490.4	475.5	473.9	468.9	468.9	467.3	460.6	449.1
47.5°	597.7	521.8	470.6	452.4	449.1	445.8	440.8	439.2	437.5	432.5	426.0
50°	531.6	467.3	434.2	426.0	427.7	422.7	417.7	412.7	411.1	406.1	399.6
52.5°	470.6	424.4	402.9	397.9	397.9	397.9	394.6	394.6	391.3	389.6	383.0
55°	435.9	401.2	389.6	388.0	386.3	384.7	381.3	381.3	378.1	376.5	368.2
57.5°	406.1	384.7	378.1	374.8	373.2	369.8	368.2	368.2	368.2	368.2	358.2
60°	383.0	373.2	371.5	368.2	366.5	359.9	356.6	355.0	356.6	358.2	348.4
62.5°	358.2	356.6	355.0	351.7	350.1	343.4	338.4	335.1	338.4	341.8	340.1
63°	351.7	350.1	350.1	348.4	346.7	338.4	333.5	330.3	333.5	336.8	336.8
65°	328.6	330.3	330.3	328.6	326.9	322.0	315.3	312.0	313.7	318.7	320.3
67.5°	303.8	305.5	303.8	305.5	303.8	300.5	295.5	292.2	290.6	292.2	293.9
70°	280.7	283.9	282.3	280.7	279.1	279.1	275.8	270.8	269.1	267.5	267.5
72.5°	260.8	260.8	257.5	257.5	256.0	256.0	252.6	247.7	246.0	246.0	242.7
75°	239.4	239.4	234.4	234.4	231.2	232.8	229.5	224.6	222.9	222.9	221.2
77.5°	226.2	221.2	213.0	211.3	209.6	209.6	208.1	203.1	201.5	201.5	199.8
80°	199.8	189.8	181.7	180.0	181.7	184.9	184.9	181.7	181.7	181.7	181.7
82.5°	155.2	151.9	146.9	143.6	143.6	148.6	155.2	158.5	161.8	165.1	165.1
85°	113.9	115.5	113.9	109.0	107.4	112.2	118.9	125.5	127.2	133.8	132.1
87.5°	61.1	62.7	57.8	56.2	61.1	64.4	71.0	72.6	76.0	77.6	79.3
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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

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°	1755.0	1753.4	1755.0	1751.8	1751.8	1748.5	1745.2	1743.5	1740.2	1738.5	1735.2
5°	1784.8	1779.8	1774.9	1773.3	1766.6	1760.0	1755.0	1746.8	1740.2	1728.6	1725.4
7.5°	1804.6	1793.1	1786.4	1784.8	1774.9	1769.9	1758.3	1748.5	1738.5	1723.7	1718.8
10°	1812.8	1801.3	1789.7	1784.8	1773.3	1765.0	1753.4	1738.5	1730.3	1715.4	1712.1
12.5°	1822.8	1801.3	1783.1	1769.9	1753.4	1735.2	1723.7	1715.4	1703.8	1695.6	1692.3
15°	1804.6	1776.6	1748.5	1723.7	1697.3	1677.5	1665.9	1652.7	1639.5	1634.5	1634.5
17.5°	1755.0	1718.8	1670.9	1639.5	1611.4	1589.9	1575.1	1561.9	1560.2	1553.7	1556.9
20°	1652.7	1604.9	1558.5	1535.4	1519.0	1505.8	1490.9	1484.2	1479.4	1469.4	1466.1
22.5°	1510.7	1471.1	1438.0	1421.6	1408.4	1391.8	1378.7	1358.9	1353.9	1343.9	1339.0
25°	1353.9	1322.5	1294.4	1282.9	1274.6	1251.5	1243.2	1216.8	1198.7	1187.2	1193.7
27.5°	1197.0	1173.9	1147.5	1132.6	1127.7	1106.2	1097.9	1068.2	1053.4	1053.4	1036.9
30°	1035.2	1013.8	997.2	980.7	977.4	951.0	929.5	918.0	901.5	894.8	883.3
32.5°	883.3	861.9	848.6	840.4	827.2	805.7	784.2	764.5	738.0	728.1	723.1
35°	743.0	726.4	709.9	703.3	685.2	662.1	635.6	619.2	587.8	576.2	571.3
37.5°	635.6	615.9	604.2	586.1	568.0	543.2	523.4	508.5	497.0	492.0	492.0
40°	549.8	534.9	521.8	506.8	492.0	478.8	468.9	465.6	463.9	463.9	467.3
42.5°	485.4	472.2	465.6	457.3	452.4	452.4	450.8	452.4	454.0	455.6	460.6
45°	442.5	434.2	430.9	429.2	432.5	435.9	437.5	440.8	447.5	450.8	452.4
47.5°	419.4	412.7	411.1	412.7	417.7	424.4	430.9	435.9	440.8	442.5	444.1
50°	396.3	388.0	384.7	388.0	394.6	404.5	409.4	417.7	421.0	424.4	421.0
52.5°	376.5	369.8	368.2	368.2	374.8	381.3	388.0	394.6	396.3	396.3	394.6
55°	359.9	355.0	350.1	353.4	358.2	364.9	374.8	379.8	383.0	384.7	384.7
57.5°	346.7	341.8	336.8	340.1	345.1	351.7	361.6	366.5	369.8	374.8	376.5
60°	336.8	330.3	325.3	330.3	335.1	345.1	353.4	358.2	366.5	368.2	368.2
62.5°	326.9	320.3	312.0	317.0	317.0	322.0	330.3	336.8	345.1	348.4	348.4
63°	325.3	318.7	310.4	313.7	313.7	317.0	323.6	330.3	340.1	343.4	341.8
65°	312.0	310.4	302.2	302.2	298.9	302.2	307.0	313.7	318.7	323.6	323.6
67.5°	290.6	288.9	287.3	287.3	287.3	290.6	293.9	298.9	303.8	307.0	305.5
70°	265.8	265.8	265.8	267.5	267.5	270.8	272.4	270.8	275.8	279.1	277.4
72.5°	244.4	242.7	241.0	244.4	242.7	242.7	246.0	244.4	249.3	249.3	251.0
75°	221.2	219.6	219.6	221.2	217.9	214.6	216.3	216.3	217.9	217.9	221.2
77.5°	201.5	201.5	201.5	199.8	196.5	194.8	193.2	193.2	193.2	193.2	194.8
80°	183.3	183.3	183.3	181.7	178.3	175.0	171.7	170.1	168.4	160.1	160.1
82.5°	165.1	165.1	165.1	165.1	163.4	160.1	155.2	142.0	135.3	128.8	130.5
85°	130.5	133.8	137.0	142.0	140.3	140.3	130.5	113.9	104.0	97.4	99.1
87.5°	84.2	74.3	74.3	72.6	69.3	66.0	66.0	56.2	46.2	41.2	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: P152765
CATALOG NUMBER: VXS-F06-LED-E1-SLL

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°	1735.2	1731.9	1728.6	1728.6	1723.7	1723.7	1720.4	1727.0	1720.4	1715.4	1715.4	2.5°
5°	1722.1	1718.8	1708.8	1707.2	1700.6	1700.6	1700.6	1697.3	1697.3	1694.0	1692.3	5°
7.5°	1713.8	1705.5	1697.3	1692.3	1692.3	1689.0	1695.6	1692.3	1694.0	1694.0	1695.6	7.5°
10°	1707.2	1700.6	1697.3	1695.6	1695.6	1700.6	1705.5	1707.2	1705.5	1707.2	1707.2	10°
12.5°	1690.7	1694.0	1695.6	1702.3	1710.5	1720.4	1731.9	1733.6	1736.9	1736.9	1740.2	12.5°
15°	1637.8	1646.1	1656.0	1672.5	1694.0	1715.4	1736.9	1755.0	1771.6	1779.8	1786.4	15°
17.5°	1563.5	1571.8	1589.9	1608.1	1636.2	1667.6	1703.8	1735.2	1769.9	1801.3	1832.6	17.5°
20°	1462.8	1476.1	1481.0	1514.0	1547.0	1589.9	1632.8	1682.4	1741.9	1801.3	1862.4	20°
22.5°	1332.4	1347.3	1370.4	1396.8	1431.5	1484.2	1535.4	1613.1	1692.3	1776.6	1872.3	22.5°
25°	1187.2	1203.6	1223.4	1251.5	1286.2	1342.3	1416.6	1499.2	1596.6	1707.2	1826.0	25°
27.5°	1036.9	1053.4	1069.8	1089.7	1129.3	1188.7	1276.3	1362.1	1469.4	1589.9	1728.6	27.5°
30°	886.6	888.3	898.1	922.9	964.2	1041.8	1106.2	1213.5	1325.8	1453.0	1613.1	30°
32.5°	721.6	719.9	731.4	752.8	792.5	866.8	946.0	1050.1	1160.7	1320.8	1485.9	32.5°
35°	574.6	574.6	596.1	617.5	662.1	714.9	784.2	876.7	1007.2	1155.8	1320.8	35°
37.5°	497.0	508.5	521.8	543.2	577.8	619.2	680.2	761.1	863.5	1005.5	1157.4	37.5°
40°	472.2	478.8	490.4	510.2	539.9	577.8	622.5	683.5	762.8	876.7	1015.4	40°
42.5°	462.3	463.9	470.6	485.4	511.8	549.8	596.1	650.5	709.9	790.9	911.4	42.5°
45°	452.4	450.8	454.0	465.6	487.0	529.9	582.8	642.3	701.7	769.4	868.5	45°
47.5°	444.1	444.1	444.1	449.1	468.9	511.8	573.0	642.3	713.3	789.2	886.6	47.5°
50°	421.0	419.4	419.4	422.7	437.5	483.7	556.4	640.6	733.1	832.1	942.8	50°
52.5°	394.6	394.6	396.3	397.9	411.1	457.3	538.2	640.6	756.2	888.3	1026.9	52.5°
55°	386.3	388.0	389.6	388.0	397.9	437.5	518.4	630.7	766.1	932.8	1117.7	55°
57.5°	379.8	383.0	383.0	381.3	388.0	421.0	498.7	610.9	757.8	949.3	1182.2	57.5°
60°	369.8	369.8	369.8	364.9	368.2	397.9	468.9	579.5	731.4	934.5	1192.0	60°
62.5°	348.4	348.4	345.1	343.4	341.8	364.9	429.2	533.3	683.5	894.8	1167.3	62.5°
63°	343.4	341.8	341.8	336.8	336.8	358.2	421.0	526.7	670.4	885.0	1157.4	63°
65°	325.3	325.3	325.3	322.0	320.3	336.8	388.0	480.4	619.2	838.8	1107.9	65°
67.5°	305.5	307.0	303.8	302.2	300.5	310.4	350.1	422.7	539.9	741.3	1015.4	67.5°
70°	277.4	279.1	279.1	277.4	275.8	282.3	307.0	363.2	447.5	617.5	865.2	70°
72.5°	252.6	256.0	256.0	259.2	259.2	264.1	274.1	302.2	358.2	482.1	680.2	72.5°
75°	226.2	227.9	231.2	234.4	231.2	229.5	231.2	252.6	280.7	356.6	485.4	75°
77.5°	203.1	208.1	208.1	206.4	201.5	198.1	198.1	208.1	231.2	270.8	346.7	77.5°
80°	168.4	176.7	178.3	173.4	168.4	168.4	171.7	178.3	193.2	222.9	262.5	80°
82.5°	135.3	143.6	145.3	146.9	145.3	150.3	150.3	151.9	160.1	183.3	214.6	82.5°
85°	104.0	110.6	115.5	117.2	118.9	120.5	118.9	110.6	115.5	130.5	145.3	85°
87.5°	46.2	47.9	44.6	46.2	44.6	46.2	47.9	39.6	37.9	51.2	52.8	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°

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NUMBER: VXS-F06-LED-E1-SLL

DISTRIBUTION (continued):

330°	335°	340°	345°	350°	355°	360°
1731.9	1731.9	1731.9	1731.9	1731.9	1731.9	1731.9
1713.8	1713.8	1715.4	1712.1	1712.1	1713.8	1708.8
1687.4	1694.0	1694.0	1694.0	1690.7	1694.0	1695.6
1694.0	1699.0	1702.3	1702.3	1700.6	1707.2	1712.1
1702.3	1710.5	1713.8	1713.8	1713.8	1722.1	1733.6
1733.6	1740.2	1745.2	1745.2	1748.5	1758.3	1771.6
1791.4	1799.7	1799.7	1798.0	1807.9	1819.5	1834.3
1855.8	1878.9	1890.5	1888.8	1897.1	1911.9	1928.4
1916.9	1981.2	2009.3	2029.1	2037.4	2057.2	2062.2
1968.1	2075.3	2153.0	2219.0	2250.4	2270.2	2293.3
1949.8	2095.2	2233.9	2369.2	2465.0	2562.4	2603.7
1875.5	2057.2	2238.9	2437.0	2610.3	2783.6	2909.1
1784.8	2002.7	2247.0	2527.8	2801.9	3067.7	3279.0
1680.7	1951.5	2265.3	2611.9	2971.9	3320.3	3625.7
1550.4	1854.1	2220.6	2620.2	3044.6	3467.3	3863.4
1385.2	1722.1	2116.7	2560.8	3047.9	3531.6	4005.5
1220.1	1555.3	1984.6	2474.9	3004.9	3546.4	4094.6
1104.6	1406.7	1850.8	2365.9	2935.5	3523.3	4137.5
1025.3	1299.4	1731.9	2266.9	2861.2	3482.1	4144.1
1018.7	1253.2	1654.3	2194.2	2801.9	3445.7	4144.1
1074.8	1277.9	1628.0	2157.9	2777.1	3434.2	4147.5
1180.5	1377.0	1675.9	2186.0	2796.9	3449.0	4162.3
1307.7	1527.3	1804.6	2283.4	2881.0	3498.5	4195.3
1423.2	1700.6	2024.1	2471.6	3034.6	3624.0	4287.8
1490.9	1849.2	2257.0	2735.8	3297.1	3873.4	4472.6
1499.2	1931.7	2463.3	3023.1	3615.8	4159.0	4768.2
1492.5	1938.3	2489.7	3077.5	3683.5	4229.9	4870.6
1456.3	1940.0	2564.0	3269.1	3917.9	4528.8	5156.3
1363.7	1887.2	2590.5	3419.3	4213.5	4921.8	5689.5
1203.6	1736.9	2512.8	3422.6	4327.4	5141.3	6026.3
967.6	1451.3	2177.7	3113.9	4026.9	4925.1	5938.9
708.3	1066.5	1646.1	2412.2	3285.6	4099.6	5086.8
470.6	690.2	1109.5	1718.8	2356.1	2950.5	3662.1
323.6	427.7	648.9	1033.6	1441.3	1730.3	2333.0
237.7	282.3	359.9	528.3	693.5	853.6	1218.4
148.6	161.8	180.0	260.8	373.2	503.5	759.5
39.6	41.2	37.9	51.2	80.9	77.6	85.8
0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)