

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: P152766

Luminaire Tested: **VXS-F06-LED-E1-SLL-7050**

Issue Date: 03/03/2020

Test Information

Test Method: LM-79-08
Report Number: P152766
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-7050
Description: VISION SITE SMALL LED LUMINAIRE
(6) LIGHTBARS WITH AccuLED OPTICS - 90° SPILL LIGHT ELIMINATOR LEFT
Light Source: (42) 5000K CCT, 70 CRI LEDs
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 14141.7 lumens
Efficiency: N/A
Efficacy: 90.4 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



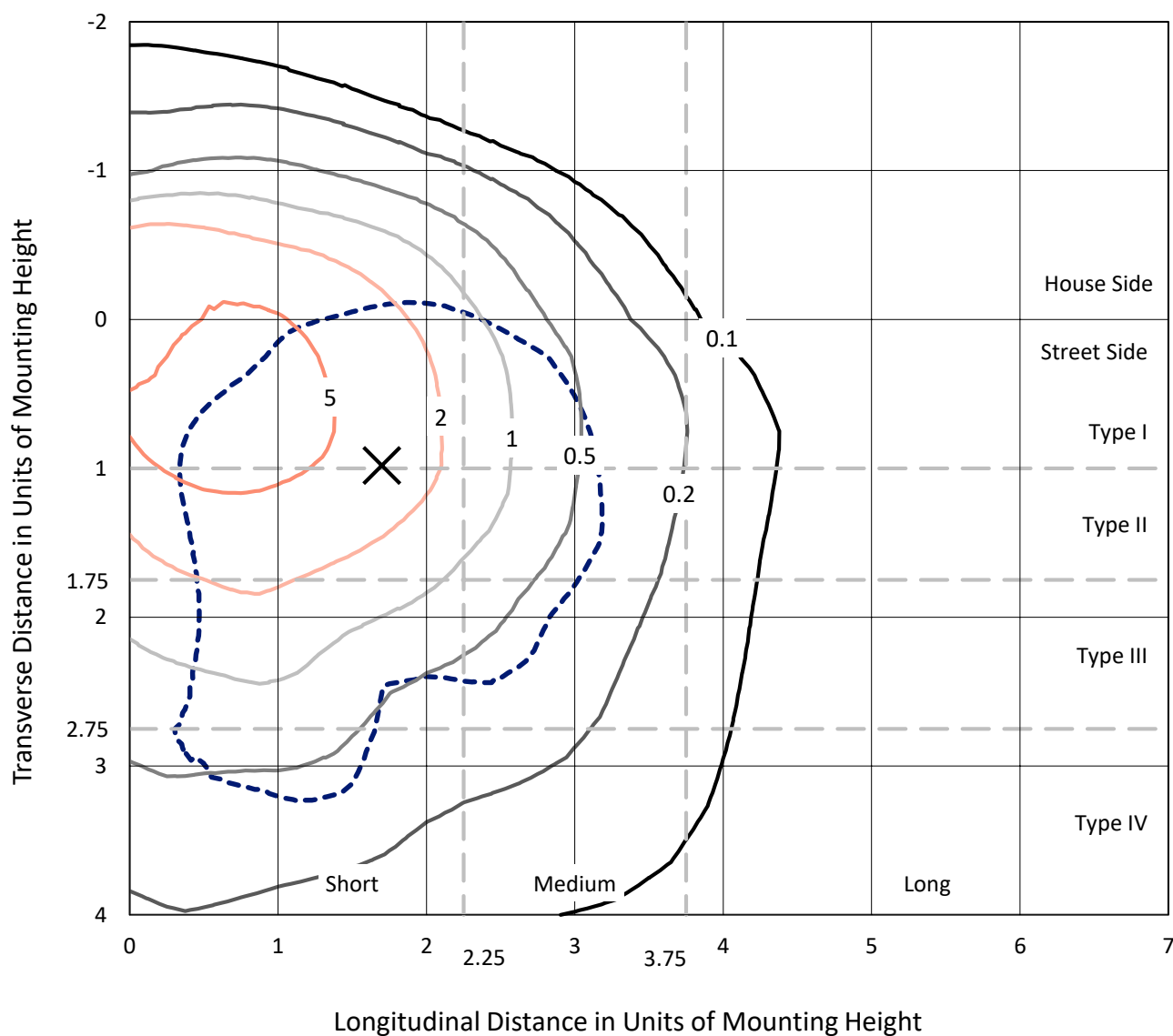
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Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

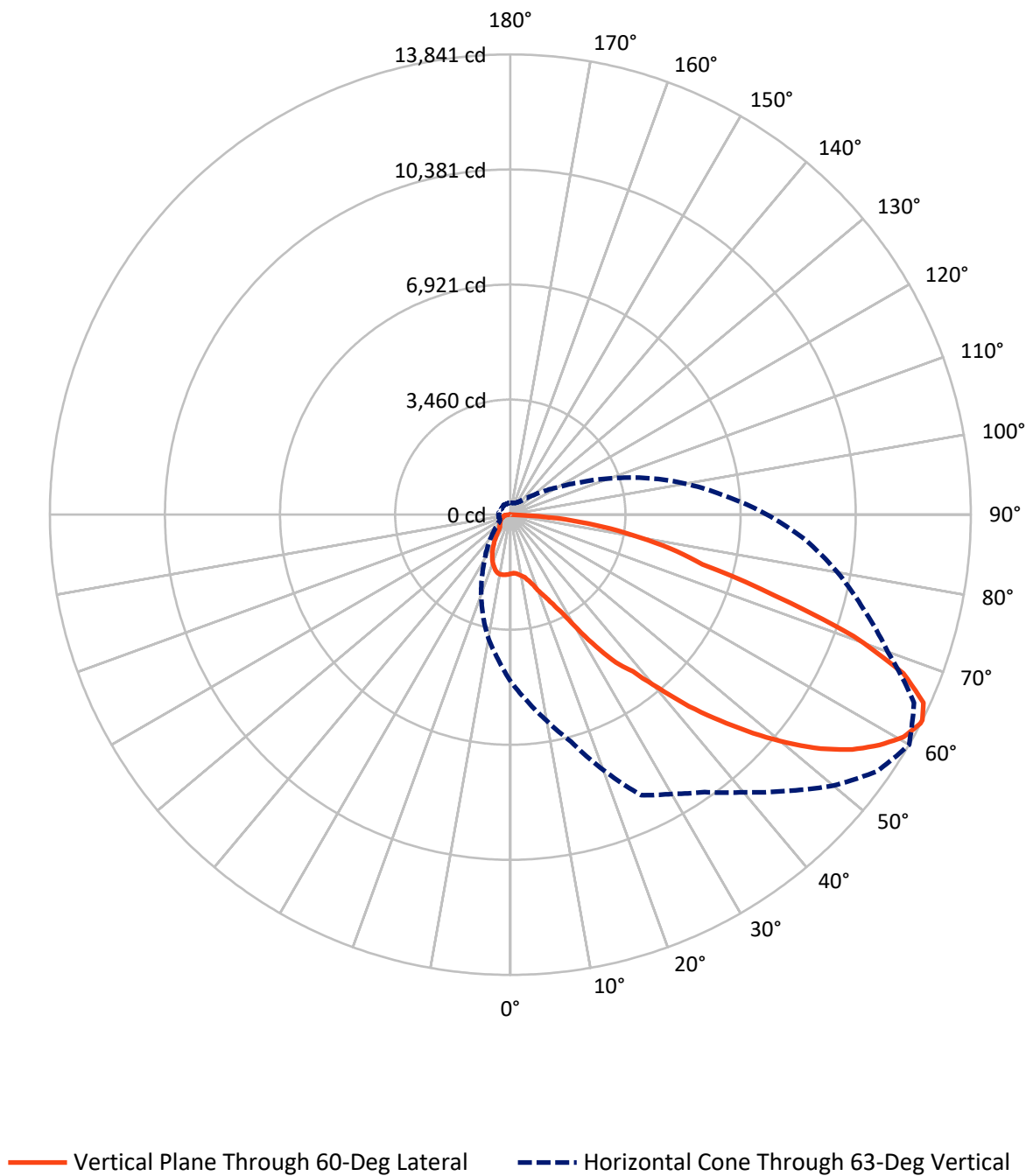


Based on 20 foot mounting height. Maximum calculated value = 8.8 fc
 Type IV - Short - Non-Cutoff

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Luminous Intensity Polar Plot



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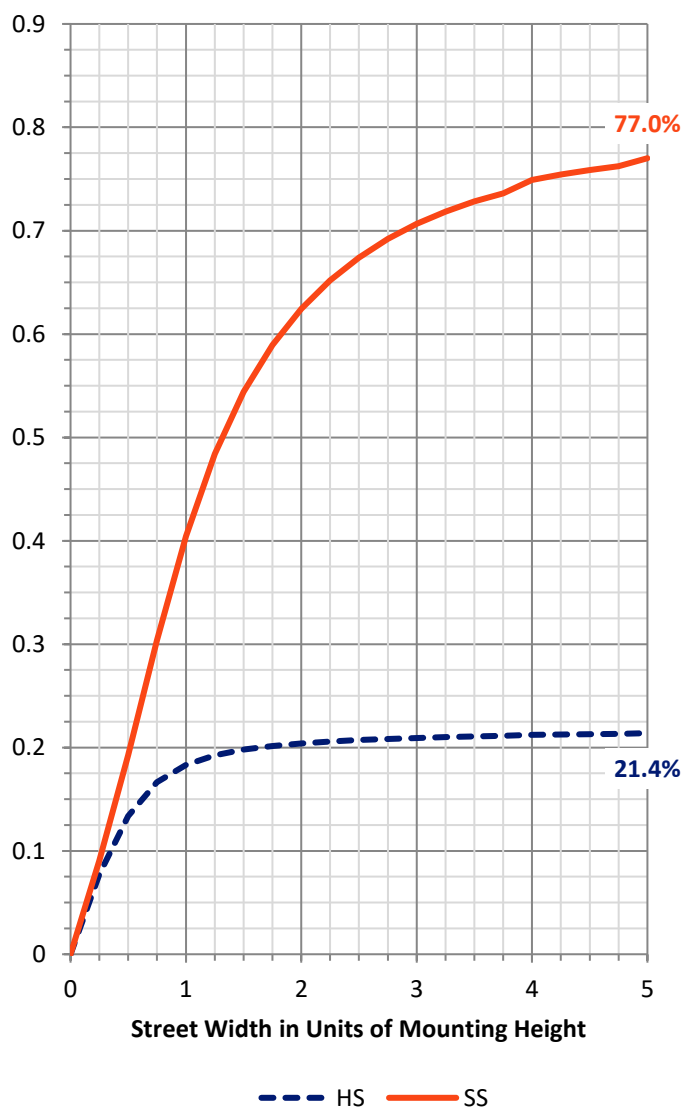
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3066.6	0.0	3066.6
	% Fixture	21.7	0.0	21.7
Street Side	Lumens	11075.1	0.0	11075.1
	% Fixture	78.3	0.0	78.3
Total	Lumens	14141.7	0.0	14141.7
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	173.0	1.2
10°-20°	538.8	3.8
20°-30°	957.2	6.8
30°-40°	1507.3	10.7
40°-50°	2218.3	15.7
50°-60°	2946.5	20.8
60°-70°	3245.6	23.0
70°-80°	2036.3	14.4
80°-90°	518.6	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°	14141.7	100.0
0°-180°	14141.7	100.0

Coefficient of Utilization



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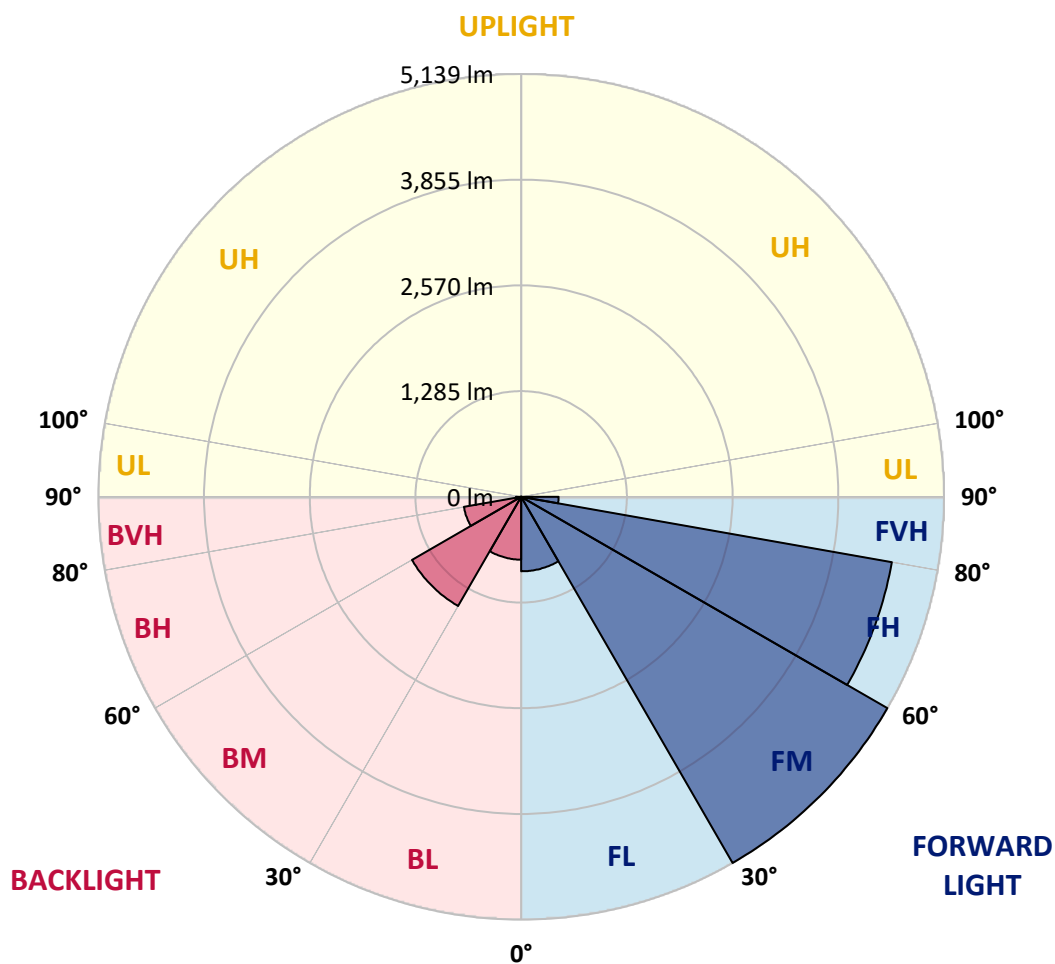
CATALOG NUMBER: VXS-F06-LED-E1-SLL-7050

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	905.5	6.4			
FM	(30°-60°)	5139.4	36.3			
FH	(60°-80°)	4575.1	32.4			G2/5000
FVH	(80°-90°)	455.1	3.2			G3/500
BL	(0°-30°)	763.5	5.4	B2/1000		
BM	(30°-60°)	1532.7	10.8	B2/2500		
BH	(60°-80°)	706.9	5.0	B2/1000		G2/1000
BVH	(80°-90°)	63.5	0.4			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: 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°	1777.2	1777.2	1777.2	1777.2	1777.2	1777.2	1777.2	1777.2	1777.2	1777.2	1777.2
2.5°	1753.5	1756.8	1756.8	1755.1	1755.1	1758.5	1756.8	1755.1	1750.1	1756.8	1756.8
5°	1739.9	1743.3	1743.3	1746.6	1750.1	1753.5	1753.5	1756.8	1755.1	1762.0	1767.0
7.5°	1756.8	1760.2	1767.0	1775.4	1780.5	1792.4	1792.4	1800.9	1804.2	1809.3	1807.7
10°	1778.9	1787.4	1802.6	1816.2	1826.3	1839.9	1850.1	1861.9	1861.9	1866.9	1870.4
12.5°	1817.8	1826.3	1843.2	1860.2	1875.4	1892.3	1907.6	1919.5	1931.3	1934.7	1941.5
15°	1882.2	1892.3	1917.8	1941.5	1960.1	1982.2	2002.5	2026.2	2048.2	2053.3	2056.7
17.5°	1978.8	1999.1	2017.7	2060.1	2087.2	2116.0	2148.2	2182.1	2188.8	2224.5	2232.8
20°	2116.0	2141.5	2158.3	2210.9	2256.6	2293.9	2341.3	2380.3	2395.5	2429.4	2463.3
22.5°	2353.2	2348.1	2373.5	2426.0	2459.9	2534.4	2575.1	2615.8	2636.1	2686.9	2714.0
25°	2671.7	2698.8	2754.7	2759.8	2791.9	2878.3	2930.9	2971.5	2973.3	2988.5	3017.3
27.5°	2985.1	3096.9	3185.0	3232.4	3318.9	3398.4	3395.1	3452.6	3362.9	3381.6	3408.6
30°	3364.6	3551.0	3717.0	3828.8	3916.9	4010.1	4055.8	4088.0	4049.0	4032.1	3999.9
32.5°	3720.3	3981.2	4237.1	4435.3	4599.6	4753.8	4855.4	4901.1	4955.4	5092.6	5141.8
35°	3964.4	4333.7	4652.1	4938.4	5213.0	5458.5	5636.5	5738.1	5699.2	5680.5	5670.4
37.5°	4110.1	4560.6	4958.8	5363.7	5678.8	6046.4	6322.6	6590.3	6651.2	6544.5	6492.0
40°	4201.5	4735.1	5246.7	5724.6	6132.8	6607.2	6949.4	7350.9	7655.9	7696.6	7571.2
42.5°	4245.5	4852.0	5448.4	5988.8	6541.1	7122.2	7556.0	8042.2	8497.8	8811.3	8733.4
45°	4252.3	4928.3	5595.8	6227.7	6885.1	7574.5	8133.6	8672.3	9282.3	9819.3	9834.5
47.5°	4252.3	4985.9	5697.4	6400.5	7193.4	7967.6	8577.5	9214.5	9961.7	10596.9	10791.7
50°	4255.8	5024.9	5792.3	6536.1	7428.8	8299.7	8989.1	9741.3	10527.5	11218.7	11594.8
52.5°	4271.0	5053.7	5866.8	6632.6	7581.3	8533.5	9309.3	10176.8	10959.5	11669.3	12155.5
55°	4304.9	5094.3	5921.0	6691.9	7683.0	8685.9	9541.5	10474.9	11239.0	11959.0	12638.3
57.5°	4399.7	5165.5	5987.2	6744.5	7738.9	8785.9	9704.1	10603.7	11345.7	12096.3	12894.2
60°	4589.4	5316.3	6100.6	6849.4	7832.0	8970.6	9782.1	10517.3	11267.8	12055.5	12951.8
62.5°	4892.7	5551.7	6258.2	7027.4	8098.0	9256.9	9722.7	10259.8	10961.1	11820.1	12746.8
63°	4997.7	5602.6	6293.8	7066.3	8170.9	9309.3	9697.3	10183.5	10898.4	11745.6	12674.0
65°	5290.9	5827.9	6463.2	7262.8	8470.8	9361.9	9499.1	9787.2	10464.8	11320.3	12243.6
67.5°	5838.0	6375.1	6827.5	7594.9	8723.2	9155.2	8884.1	8919.7	9627.9	10513.9	11344.0
70°	6183.6	6824.0	7059.5	7637.2	8677.4	8848.6	8087.9	7616.9	8184.5	9194.2	9920.9
72.5°	6093.9	6829.1	6803.7	7073.1	7762.6	7921.9	7134.1	6392.0	6729.1	7483.1	7954.0
75°	5219.7	6099.0	5912.5	5858.3	6100.6	6205.7	5614.4	5500.9	5926.1	6344.6	6351.4
77.5°	3757.6	4725.0	4506.4	4193.1	4176.1	4418.3	4497.9	5241.7	5870.3	6200.6	6054.9
80°	2393.9	3442.5	3215.5	2668.3	2659.8	2974.9	3674.6	4686.0	5351.8	5536.5	5157.0
82.5°	1250.3	2253.3	2339.6	2002.5	2292.2	2814.0	3496.7	3776.3	4028.7	4054.1	3606.8
85°	779.3	1385.8	1629.7	1682.3	2070.3	2495.4	2490.4	2392.1	2280.3	1951.7	1765.3
87.5°	88.1	174.5	264.2	250.8	337.1	472.6	589.5	345.6	242.3	88.1	122.0
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):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	1777.2	1777.2	1777.2	1777.2	1777.2	1777.2	1777.2	1777.2	1777.2	1777.2	1777.2
2.5°	1760.2	1762.0	1763.6	1763.6	1772.1	1770.4	1772.1	1775.4	1780.5	1783.9	1787.4
5°	1773.8	1773.8	1780.5	1785.6	1795.8	1802.6	1806.0	1816.2	1828.0	1824.6	1834.7
7.5°	1817.8	1816.2	1822.9	1826.3	1834.7	1846.6	1845.0	1853.4	1863.5	1866.9	1875.4
10°	1877.1	1872.0	1872.0	1868.6	1870.4	1866.9	1866.9	1866.9	1873.8	1872.0	1878.9
12.5°	1938.1	1936.4	1933.1	1922.9	1922.9	1909.3	1902.5	1894.1	1892.3	1880.5	1882.2
15°	2063.5	2063.5	2056.7	2036.4	2019.4	2007.6	1990.7	1978.8	1961.9	1939.8	1928.0
17.5°	2246.4	2222.7	2214.3	2210.9	2183.7	2173.6	2136.4	2097.4	2078.8	2048.2	2031.3
20°	2470.1	2465.0	2431.1	2414.2	2380.3	2332.8	2285.4	2234.6	2204.0	2166.8	2146.5
22.5°	2722.5	2685.2	2668.3	2642.9	2590.4	2536.2	2465.0	2397.2	2349.7	2324.4	2309.1
25°	3017.3	2980.0	2963.1	2929.2	2864.8	2807.3	2719.1	2639.5	2597.1	2554.8	2531.1
27.5°	3408.6	3373.1	3352.7	3264.7	3242.6	3147.8	3039.3	2930.9	2875.0	2812.3	2771.6
30°	3993.2	3994.8	3889.7	3783.0	3673.0	3508.6	3395.1	3273.1	3181.7	3091.8	3002.1
32.5°	4980.8	4728.4	4533.6	4304.9	4066.0	3891.5	3750.9	3605.2	3478.1	3347.7	3198.5
35°	5583.9	5462.0	5209.5	4791.1	4550.5	4338.8	4182.9	4006.6	3850.8	3620.4	3393.4
37.5°	6265.0	5982.1	5675.4	5443.3	5170.6	4924.9	4664.0	4464.0	4194.7	3884.7	3562.8
40°	7259.5	6854.5	6485.2	6173.5	5821.1	5563.6	5272.2	4982.5	4625.1	4176.1	3733.9
42.5°	8297.9	7879.5	7391.6	6986.6	6571.6	6270.1	5909.2	5502.6	4977.4	4421.8	3881.3
45°	9387.3	8828.2	8243.7	7749.0	7317.0	6942.6	6495.3	5956.7	5316.3	4642.0	4018.5
47.5°	10461.3	9819.3	9123.0	8591.1	8028.6	7571.2	7022.3	6341.2	5580.5	4850.4	4155.8
50°	11408.4	10790.1	9951.4	9275.4	8706.2	8142.1	7457.6	6637.7	5788.9	5029.9	4279.4
52.5°	12225.0	11693.1	10810.4	9956.5	9300.9	8667.3	7808.4	6876.6	5999.0	5196.0	4381.0
55°	12824.8	12470.7	11657.4	10598.7	9824.4	9068.8	8104.9	7106.9	6197.2	5328.1	4447.2
57.5°	13277.1	13080.5	12382.6	11203.4	10305.5	9458.4	8411.5	7383.1	6393.7	5441.7	4477.6
60°	13524.5	13578.7	12931.5	11732.0	10730.8	9783.7	8718.1	7618.5	6539.4	5507.7	4460.7
62.5°	13500.7	13832.7	13343.1	12057.3	10978.1	9976.9	8924.8	7728.7	6519.1	5402.7	4306.5
63°	13454.9	13841.2	13388.9	12079.3	10993.4	9983.6	8929.8	7713.5	6476.8	5351.8	4245.5
65°	13060.2	13646.4	13349.9	11979.4	10857.8	9856.6	8823.1	7493.3	6178.5	5079.1	3932.1
67.5°	12003.1	12736.6	12651.9	11272.8	10215.8	9331.4	8277.6	6783.4	5441.7	4408.2	3332.4
70°	10256.4	10945.9	10961.1	9804.0	8921.5	8054.0	7178.1	5519.6	4313.3	3417.1	2485.3
72.5°	7860.8	8304.8	8458.9	7696.6	7105.3	6495.3	5709.3	4006.6	3074.9	2324.4	1617.9
75°	6087.0	5965.1	5963.4	5641.6	5400.9	5102.8	4238.8	2703.8	2019.4	1511.2	989.4
77.5°	5472.1	4929.9	4404.8	4018.5	3825.4	3725.4	2780.1	1629.7	1191.0	869.1	569.2
80°	4513.3	3713.6	3000.3	2583.6	2417.5	2532.7	1550.2	880.9	652.2	494.7	369.3
82.5°	3112.1	2583.6	1963.5	1626.4	1396.0	1460.3	792.8	450.7	301.6	276.2	228.7
85°	1621.3	1421.3	1199.5	1030.1	909.7	799.7	411.7	215.1	125.4	110.2	100.0
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°	1777.2	1777.2	1777.2	1777.2	1777.2	1777.2	1777.2	1777.2	1777.2	1777.2	1777.2
2.5°	1792.4	1790.7	1794.1	1795.8	1800.9	1804.2	1806.0	1802.6	1807.7	1812.7	1809.3
5°	1839.9	1851.7	1853.4	1858.4	1858.4	1868.6	1868.6	1868.6	1866.9	1868.6	1865.3
7.5°	1880.5	1895.8	1897.4	1904.2	1905.9	1917.8	1912.7	1916.1	1916.1	1907.6	1904.2
10°	1885.6	1900.8	1909.3	1917.8	1929.6	1944.9	1944.9	1953.4	1953.4	1946.5	1944.9
12.5°	1887.3	1899.2	1907.6	1919.5	1936.4	1958.4	1970.3	1982.2	1987.3	1985.6	1980.4
15°	1922.9	1922.9	1924.6	1934.7	1946.5	1973.7	1990.7	2004.1	2012.6	2009.2	2000.8
17.5°	2016.1	2002.5	1992.3	1975.3	1978.8	1992.3	2002.5	2014.3	2016.1	2012.6	1999.1
20°	2124.5	2107.6	2082.1	2055.0	2041.5	2031.3	2024.6	2024.6	2019.4	2002.5	1980.4
22.5°	2278.7	2256.6	2221.0	2180.4	2153.3	2121.0	2082.1	2044.9	2004.1	1963.5	1916.1
25°	2492.1	2461.6	2424.4	2361.7	2304.0	2236.3	2156.7	2073.7	1977.1	1892.3	1822.9
27.5°	2707.3	2639.5	2542.9	2456.5	2349.7	2248.2	2134.6	2033.0	1909.3	1807.7	1731.4
30°	2885.2	2756.4	2617.5	2480.2	2339.6	2202.4	2066.8	1944.9	1809.3	1706.0	1631.5
32.5°	3022.4	2844.5	2651.3	2471.8	2299.0	2131.2	1975.3	1839.9	1702.6	1595.9	1516.3
35°	3149.4	2902.1	2656.5	2434.5	2221.0	2046.5	1870.4	1722.9	1577.3	1465.5	1379.1
37.5°	3244.2	2929.2	2625.9	2365.1	2119.4	1924.6	1745.0	1594.2	1445.1	1323.1	1224.9
40°	3305.3	2912.2	2559.9	2265.1	1999.1	1794.1	1611.1	1455.2	1311.3	1177.4	1058.9
42.5°	3354.4	2890.3	2493.8	2173.6	1904.2	1680.6	1492.5	1324.9	1179.2	1033.5	903.0
45°	3427.3	2907.2	2465.0	2109.2	1819.5	1584.0	1377.3	1202.8	1050.4	908.1	782.7
47.5°	3498.4	2915.6	2422.6	2029.6	1712.7	1484.0	1274.0	1104.6	948.7	818.2	703.1
50°	3562.8	2910.6	2356.6	1928.0	1609.4	1384.1	1180.8	1011.4	857.2	737.0	628.5
52.5°	3593.3	2881.8	2275.2	1829.6	1526.4	1296.1	1089.3	925.0	772.5	659.1	559.1
55°	3589.9	2807.3	2168.5	1736.5	1434.9	1202.8	999.6	836.9	699.7	594.6	508.3
57.5°	3539.1	2692.0	2055.0	1633.2	1314.6	1087.7	894.5	737.0	621.8	533.7	460.8
60°	3432.3	2544.7	1905.9	1482.4	1163.8	945.3	764.0	628.5	535.3	467.6	420.1
62.5°	3232.4	2332.8	1719.6	1272.3	960.6	760.7	603.1	515.0	445.6	404.9	382.9
63°	3173.2	2275.2	1639.9	1221.5	913.2	718.3	569.2	477.7	426.9	391.4	371.0
65°	2878.3	1992.3	1372.2	986.0	709.8	554.0	457.4	388.0	357.5	342.2	340.5
67.5°	2331.2	1567.0	970.8	676.0	482.8	399.8	350.7	321.9	308.3	305.0	308.3
70°	1636.6	989.4	616.7	448.9	357.5	321.9	299.9	288.0	279.6	281.2	284.7
72.5°	1043.6	593.0	423.5	340.5	301.6	282.9	272.7	269.3	267.7	266.0	266.0
75°	594.6	394.7	325.3	294.8	274.4	259.2	250.8	247.4	249.0	250.8	247.4
77.5°	393.1	325.3	289.7	269.3	250.8	233.8	228.7	227.0	230.4	233.8	233.8
80°	310.1	289.7	269.3	249.0	218.5	206.7	210.1	211.8	210.1	211.8	206.7
82.5°	218.5	215.1	220.2	211.8	181.2	171.1	167.8	169.4	166.0	166.0	162.6
85°	101.7	101.7	106.7	106.7	103.3	105.1	113.5	123.6	128.7	123.6	116.9
87.5°	0.0	0.0	0.0	0.0	0.0	15.2	30.5	44.0	47.5	59.3	57.6
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: P152766

CATALOG NUMBER: VXS-F06-LED-E1-SLL-7050

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	1777.2	1777.2	1777.2	1777.2	1777.2	1777.2	1777.2	1777.2	1777.2	1777.2	1777.2
2.5°	1804.2	1807.7	1806.0	1804.2	1807.7	1804.2	1806.0	1804.2	1804.2	1802.6	1802.6
5°	1861.9	1866.9	1856.8	1855.1	1851.7	1843.2	1843.2	1839.9	1839.9	1833.1	1828.0
7.5°	1899.2	1900.8	1892.3	1890.7	1882.2	1873.8	1866.9	1860.2	1858.4	1853.4	1843.2
10°	1934.7	1931.3	1924.6	1916.1	1907.6	1895.8	1887.3	1878.9	1877.1	1868.6	1856.8
12.5°	1965.2	1963.5	1949.9	1941.5	1928.0	1916.1	1905.9	1895.8	1890.7	1880.5	1863.5
15°	1985.6	1975.3	1958.4	1943.2	1928.0	1914.4	1902.5	1890.7	1885.6	1873.8	1856.8
17.5°	1977.1	1958.4	1936.4	1917.8	1897.4	1880.5	1870.4	1858.4	1850.1	1843.2	1819.5
20°	1946.5	1919.5	1885.6	1863.5	1836.5	1814.4	1807.7	1795.8	1789.0	1763.6	1733.2
22.5°	1866.9	1828.0	1785.6	1753.5	1722.9	1700.9	1683.9	1672.1	1655.2	1639.9	1592.5
25°	1767.0	1722.9	1678.9	1639.9	1599.3	1565.4	1534.9	1506.1	1497.6	1465.5	1419.7
27.5°	1670.5	1621.3	1577.3	1531.5	1479.0	1436.7	1384.1	1343.4	1316.4	1282.5	1240.1
30°	1567.0	1517.9	1458.7	1397.7	1336.7	1291.0	1231.6	1182.5	1148.6	1113.1	1074.1
32.5°	1436.7	1377.3	1306.2	1238.4	1182.5	1128.3	1069.0	1021.6	987.7	955.5	918.2
35°	1287.6	1209.6	1133.4	1058.9	999.6	953.8	901.2	865.7	842.0	813.2	774.2
37.5°	1116.5	1028.4	947.0	889.4	836.9	792.8	755.5	733.6	708.2	693.0	669.2
40°	943.6	857.2	777.6	725.1	681.0	655.6	635.3	630.3	613.3	593.0	577.7
42.5°	791.2	708.2	630.3	587.9	559.1	552.3	542.2	542.2	533.7	518.4	508.3
45°	687.9	601.5	533.7	503.2	487.9	486.2	481.1	481.1	479.5	472.6	460.8
47.5°	613.3	535.3	482.8	464.2	460.8	457.4	452.3	450.7	448.9	443.8	437.1
50°	545.5	479.5	445.6	437.1	438.8	433.7	428.6	423.5	421.9	416.8	409.9
52.5°	482.8	435.4	413.4	408.3	408.3	408.3	404.9	404.9	401.6	399.8	393.1
55°	447.3	411.7	399.8	398.1	396.5	394.7	391.4	391.4	388.0	386.2	377.8
57.5°	416.8	394.7	388.0	384.6	382.9	379.5	377.8	377.8	377.8	377.8	367.7
60°	393.1	382.9	381.1	377.8	376.1	369.3	365.9	364.2	365.9	367.7	357.5
62.5°	367.7	365.9	364.2	360.8	359.2	352.4	347.3	343.9	347.3	350.7	349.0
63°	360.8	359.2	359.2	357.5	355.8	347.3	342.2	338.9	342.2	345.6	345.6
65°	337.1	338.9	338.9	337.1	335.4	330.4	323.6	320.2	321.9	326.9	328.7
67.5°	311.7	313.4	311.7	313.4	311.7	308.3	303.2	299.9	298.1	299.9	301.6
70°	288.0	291.4	289.7	288.0	286.3	286.3	282.9	277.8	276.2	274.4	274.4
72.5°	267.7	267.7	264.2	264.2	262.6	262.6	259.2	254.1	252.4	252.4	249.0
75°	245.7	245.7	240.5	240.5	237.2	238.9	235.4	230.4	228.7	228.7	227.0
77.5°	232.1	227.0	218.5	216.9	215.1	215.1	213.5	208.4	206.7	206.7	205.0
80°	205.0	194.8	186.3	184.7	186.3	189.7	189.7	186.3	186.3	186.3	186.3
82.5°	159.3	155.9	150.8	147.4	147.4	152.4	159.3	162.6	166.0	169.4	169.4
85°	116.9	118.5	116.9	111.8	110.2	115.2	122.0	128.7	130.5	137.2	135.5
87.5°	62.7	64.4	59.3	57.6	62.7	66.1	72.8	74.5	77.9	79.6	81.3
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: P152766

CATALOG NUMBER: VXS-F06-LED-E1-SLL-7050

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	1777.2	1777.2	1777.2	1777.2	1777.2	1777.2	1777.2	1777.2	1777.2	1777.2	1777.2
2.5°	1800.9	1799.2	1800.9	1797.5	1797.5	1794.1	1790.7	1789.0	1785.6	1783.9	1780.5
5°	1831.4	1826.3	1821.2	1819.5	1812.7	1806.0	1800.9	1792.4	1785.6	1773.8	1770.4
7.5°	1851.7	1839.9	1833.1	1831.4	1821.2	1816.2	1804.2	1794.1	1783.9	1768.7	1763.6
10°	1860.2	1848.3	1836.5	1831.4	1819.5	1811.1	1799.2	1783.9	1775.4	1760.2	1756.8
12.5°	1870.4	1848.3	1829.6	1816.2	1799.2	1780.5	1768.7	1760.2	1748.4	1739.9	1736.5
15°	1851.7	1822.9	1794.1	1768.7	1741.6	1721.2	1709.4	1695.9	1682.3	1677.2	1677.2
17.5°	1800.9	1763.6	1714.5	1682.3	1653.5	1631.5	1616.3	1602.7	1600.9	1594.2	1597.6
20°	1695.9	1646.7	1599.3	1575.5	1558.7	1545.1	1529.8	1523.0	1517.9	1507.8	1504.5
22.5°	1550.2	1509.5	1475.6	1458.7	1445.1	1428.2	1414.6	1394.3	1389.2	1379.1	1374.0
25°	1389.2	1357.0	1328.2	1316.4	1307.9	1284.1	1275.6	1248.6	1229.9	1218.1	1224.9
27.5°	1228.3	1204.6	1177.4	1162.2	1157.1	1135.1	1126.6	1096.2	1080.8	1080.8	1063.9
30°	1062.3	1040.2	1023.3	1006.3	1002.9	975.9	953.8	942.0	925.0	918.2	906.3
32.5°	906.3	884.4	870.8	862.3	848.8	826.7	804.8	784.4	757.3	747.2	742.1
35°	762.4	745.4	728.5	721.7	703.1	679.4	652.2	635.3	603.1	591.3	586.2
37.5°	652.2	631.9	620.1	601.5	582.8	557.4	537.0	521.8	509.9	504.9	504.9
40°	564.1	548.9	535.3	520.1	504.9	491.3	481.1	477.7	476.1	476.1	479.5
42.5°	498.0	484.6	477.7	469.3	464.2	464.2	462.5	464.2	465.9	467.6	472.6
45°	454.0	445.6	442.2	440.5	443.8	447.3	448.9	452.3	459.1	462.5	464.2
47.5°	430.4	423.5	421.9	423.5	428.6	435.4	442.2	447.3	452.3	454.0	455.8
50°	406.6	398.1	394.7	398.1	404.9	415.0	420.1	428.6	432.0	435.4	432.0
52.5°	386.2	379.5	377.8	377.8	384.6	391.4	398.1	404.9	406.6	406.6	404.9
55°	369.3	364.2	359.2	362.6	367.7	374.4	384.6	389.6	393.1	394.7	394.7
57.5°	355.8	350.7	345.6	349.0	354.1	360.8	371.0	376.1	379.5	384.6	386.2
60°	345.6	338.9	333.8	338.9	343.9	354.1	362.6	367.7	376.1	377.8	377.8
62.5°	335.4	328.7	320.2	325.3	325.3	330.4	338.9	345.6	354.1	357.5	357.5
63°	333.8	326.9	318.5	321.9	321.9	325.3	332.0	338.9	349.0	352.4	350.7
65°	320.2	318.5	310.1	310.1	306.6	310.1	315.1	321.9	326.9	332.0	332.0
67.5°	298.1	296.5	294.8	294.8	294.8	298.1	301.6	306.6	311.7	315.1	313.4
70°	272.7	272.7	272.7	274.4	274.4	277.8	279.6	277.8	282.9	286.3	284.7
72.5°	250.8	249.0	247.4	250.8	249.0	249.0	252.4	250.8	255.9	255.9	257.5
75°	227.0	225.3	225.3	227.0	223.6	220.2	222.0	222.0	223.6	223.6	227.0
77.5°	206.7	206.7	206.7	205.0	201.6	199.9	198.2	198.2	198.2	198.2	199.9
80°	188.1	188.1	188.1	186.3	183.0	179.6	176.2	174.5	172.8	164.4	164.4
82.5°	169.4	169.4	169.4	169.4	167.8	164.4	159.3	145.7	139.0	132.1	133.9
85°	133.9	137.2	140.6	145.7	144.0	144.0	133.9	116.9	106.7	100.0	101.7
87.5°	86.4	76.3	76.3	74.5	71.2	67.8	67.8	57.6	47.5	42.4	44.0
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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CATALOG NUMBER: VXS-F06-LED-E1-SLL-7050

REPORT N
CATALOG

CANDELA DISTRIBUTION (continued):

CANDELA

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°	
0°	1777.2	1777.2	1777.2	1777.2	1777.2	1777.2	1777.2	1777.2	1777.2	1777.2	1777.2	0°
2.5°	1780.5	1777.2	1773.8	1773.8	1768.7	1768.7	1765.3	1772.1	1765.3	1760.2	1760.2	2.5°
5°	1767.0	1763.6	1753.5	1751.7	1745.0	1745.0	1745.0	1741.6	1741.6	1738.2	1736.5	5°
7.5°	1758.5	1750.1	1741.6	1736.5	1736.5	1733.2	1739.9	1736.5	1738.2	1738.2	1739.9	7.5°
10°	1751.7	1745.0	1741.6	1739.9	1739.9	1745.0	1750.1	1751.7	1750.1	1751.7	1751.7	10°
12.5°	1734.8	1738.2	1739.9	1746.6	1755.1	1765.3	1777.2	1778.9	1782.3	1782.3	1785.6	12.5°
15°	1680.6	1689.1	1699.3	1716.2	1738.2	1760.2	1782.3	1800.9	1817.8	1826.3	1833.1	15°
17.5°	1604.4	1612.8	1631.5	1650.1	1678.9	1711.1	1748.4	1780.5	1816.2	1848.3	1880.5	17.5°
20°	1501.0	1514.6	1519.7	1553.6	1587.5	1631.5	1675.5	1726.3	1787.4	1848.3	1911.0	20°
22.5°	1367.2	1382.4	1406.1	1433.3	1468.8	1523.0	1575.5	1655.2	1736.5	1822.9	1921.1	22.5°
25°	1218.1	1235.0	1255.3	1284.1	1319.8	1377.3	1453.6	1538.2	1638.2	1751.7	1873.8	25°
27.5°	1063.9	1080.8	1097.8	1118.1	1158.8	1219.8	1309.5	1397.7	1507.8	1631.5	1773.8	27.5°
30°	909.7	911.5	921.7	947.0	989.4	1069.0	1135.1	1245.2	1360.4	1490.9	1655.2	30°
32.5°	740.3	738.7	750.5	772.5	813.2	889.4	970.8	1077.5	1191.0	1355.3	1524.8	32.5°
35°	589.5	589.5	611.6	633.6	679.4	733.6	804.8	899.6	1033.5	1185.9	1355.3	35°
37.5°	509.9	521.8	535.3	557.4	593.0	635.3	698.0	781.0	886.0	1031.7	1187.6	37.5°
40°	484.6	491.3	503.2	523.5	554.0	593.0	638.7	701.3	782.7	899.6	1041.9	40°
42.5°	474.4	476.1	482.8	498.0	525.2	564.1	611.6	667.5	728.5	811.5	935.1	42.5°
45°	464.2	462.5	465.9	477.7	499.8	543.8	598.0	659.1	720.0	789.4	891.1	45°
47.5°	455.8	455.8	455.8	460.8	481.1	525.2	587.9	659.1	731.9	809.8	909.7	47.5°
50°	432.0	430.4	430.4	433.7	448.9	496.4	570.9	657.3	752.2	853.9	967.4	50°
52.5°	404.9	404.9	406.6	408.3	421.9	469.3	552.3	657.3	776.0	911.5	1053.8	52.5°
55°	396.5	398.1	399.8	398.1	408.3	448.9	531.9	647.2	786.1	957.2	1146.9	55°
57.5°	389.6	393.1	393.1	391.4	398.1	432.0	511.6	626.8	777.6	974.1	1213.1	57.5°
60°	379.5	379.5	379.5	374.4	377.8	408.3	481.1	594.6	750.5	958.9	1223.2	60°
62.5°	357.5	357.5	354.1	352.4	350.7	374.4	440.5	547.3	701.3	918.2	1197.7	62.5°
63°	352.4	350.7	350.7	345.6	345.6	367.7	432.0	540.4	687.9	908.1	1187.6	63°
65°	333.8	333.8	333.8	330.4	328.7	345.6	398.1	493.0	635.3	860.6	1136.8	65°
67.5°	313.4	315.1	311.7	310.1	308.3	318.5	359.2	433.7	554.0	760.7	1041.9	67.5°
70°	284.7	286.3	286.3	284.7	282.9	289.7	315.1	372.7	459.1	633.6	887.8	70°
72.5°	259.2	262.6	262.6	266.0	266.0	271.1	281.2	310.1	367.7	494.7	698.0	72.5°
75°	232.1	233.8	237.2	240.5	237.2	235.4	237.2	259.2	288.0	365.9	498.0	75°
77.5°	208.4	213.5	213.5	211.8	206.7	203.3	203.3	213.5	237.2	277.8	355.8	77.5°
80°	172.8	181.2	183.0	177.9	172.8	172.8	176.2	183.0	198.2	228.7	269.3	80°
82.5°	139.0	147.4	149.1	150.8	149.1	154.2	154.2	155.9	164.4	188.1	220.2	82.5°
85°	106.7	113.5	118.5	120.3	122.0	123.6	122.0	113.5	118.5	133.9	149.1	85°
87.5°	47.5	49.1	45.7	47.5	45.7	47.5	49.1	40.6	39.0	52.5	54.2	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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DISTRIBUTION (continued):

330°	335°	340°	345°	350°	355°	360°
1777.2	1777.2	1777.2	1777.2	1777.2	1777.2	1777.2
1758.5	1758.5	1760.2	1756.8	1756.8	1758.5	1753.5
1731.4	1738.2	1738.2	1738.2	1734.8	1738.2	1739.9
1738.2	1743.3	1746.6	1746.6	1745.0	1751.7	1756.8
1746.6	1755.1	1758.5	1758.5	1758.5	1767.0	1778.9
1778.9	1785.6	1790.7	1790.7	1794.1	1804.2	1817.8
1838.1	1846.6	1846.6	1845.0	1855.1	1866.9	1882.2
1904.2	1928.0	1939.8	1938.1	1946.5	1961.9	1978.8
1966.9	2033.0	2061.8	2082.1	2090.6	2110.9	2116.0
2019.4	2129.5	2209.2	2276.9	2309.1	2329.4	2353.2
2000.8	2149.8	2292.2	2431.1	2529.3	2629.3	2671.7
1924.6	2110.9	2297.3	2500.5	2678.4	2856.4	2985.1
1831.4	2055.0	2305.7	2593.8	2875.0	3147.8	3364.6
1724.7	2002.5	2324.4	2680.1	3049.4	3406.9	3720.3
1590.8	1902.5	2278.7	2688.6	3124.0	3557.7	3964.4
1421.3	1767.0	2171.9	2627.7	3127.4	3623.8	4110.1
1252.0	1595.9	2036.4	2539.5	3083.3	3639.1	4201.5
1133.4	1443.4	1899.2	2427.7	3012.2	3615.3	4245.5
1052.0	1333.3	1777.2	2326.1	2936.0	3573.0	4252.3
1045.3	1285.9	1697.5	2251.5	2875.0	3535.6	4252.3
1102.9	1311.3	1670.5	2214.3	2849.5	3523.8	4255.8
1211.3	1413.0	1719.6	2243.0	2869.8	3539.1	4271.0
1341.8	1567.0	1851.7	2343.0	2956.3	3589.9	4304.9
1460.3	1745.0	2077.0	2536.2	3113.9	3718.7	4399.7
1529.8	1897.4	2315.9	2807.3	3383.2	3974.5	4589.4
1538.2	1982.2	2527.7	3102.0	3710.2	4267.6	4892.7
1531.5	1988.9	2554.8	3157.9	3779.7	4340.4	4997.7
1494.2	1990.7	2631.0	3354.4	4020.2	4647.0	5290.9
1399.4	1936.4	2658.1	3508.6	4323.5	5050.3	5838.0
1235.0	1782.3	2578.5	3512.0	4440.4	5275.5	6183.6
992.7	1489.1	2234.6	3195.1	4132.0	5053.7	6093.9
726.8	1094.4	1689.1	2475.1	3371.4	4206.5	5219.7
482.8	708.2	1138.4	1763.6	2417.5	3027.5	3757.6
332.0	438.8	665.8	1060.5	1479.0	1775.4	2393.9
243.9	289.7	369.3	542.2	711.5	875.9	1250.3
152.4	166.0	184.7	267.7	382.9	516.7	779.3
40.6	42.4	39.0	52.5	83.0	79.6	88.1
0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)