

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: McGRAW-EDISON

Report Number: P158133

Luminaire Tested: **VTS-F06-LED-E1-SL2-8030**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P158133
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (P33712)
Test Lab: INNOVATION CENTER-P3
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: VTS-F06-LED-E1-SL2-8030
Description: VENTUS LED SITE LUMINAIRE
(6) LIGHTBARS WITH AccuLED OPTICS - TYPE 2 W/ SPILL LIGHT CONTROL
Light Source: (42) 3000K CCT, 80 CRI LEDs
Ballast/Driver: -

Summary

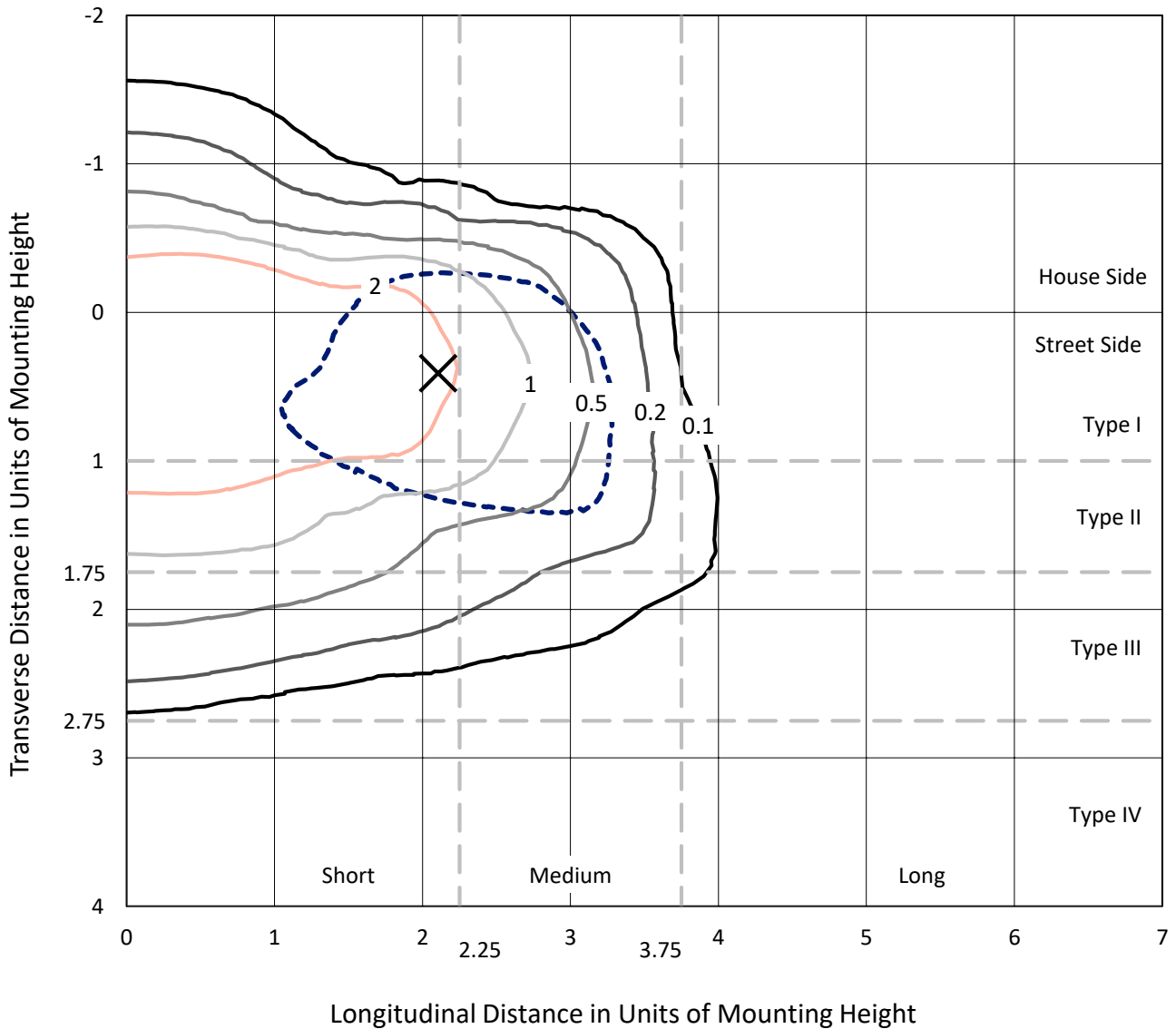
Lumens per Lamp: N/A
Luminaire Lumens: 12577.9 lumens
Efficiency: N/A
Efficacy: 80.4 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type II - Short - Non-Cutoff
BUG Rating: B2 - U0 - G2

Input Watts (W): 156.5
Input Voltage (V): NR
Input Current (A_{in}): 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

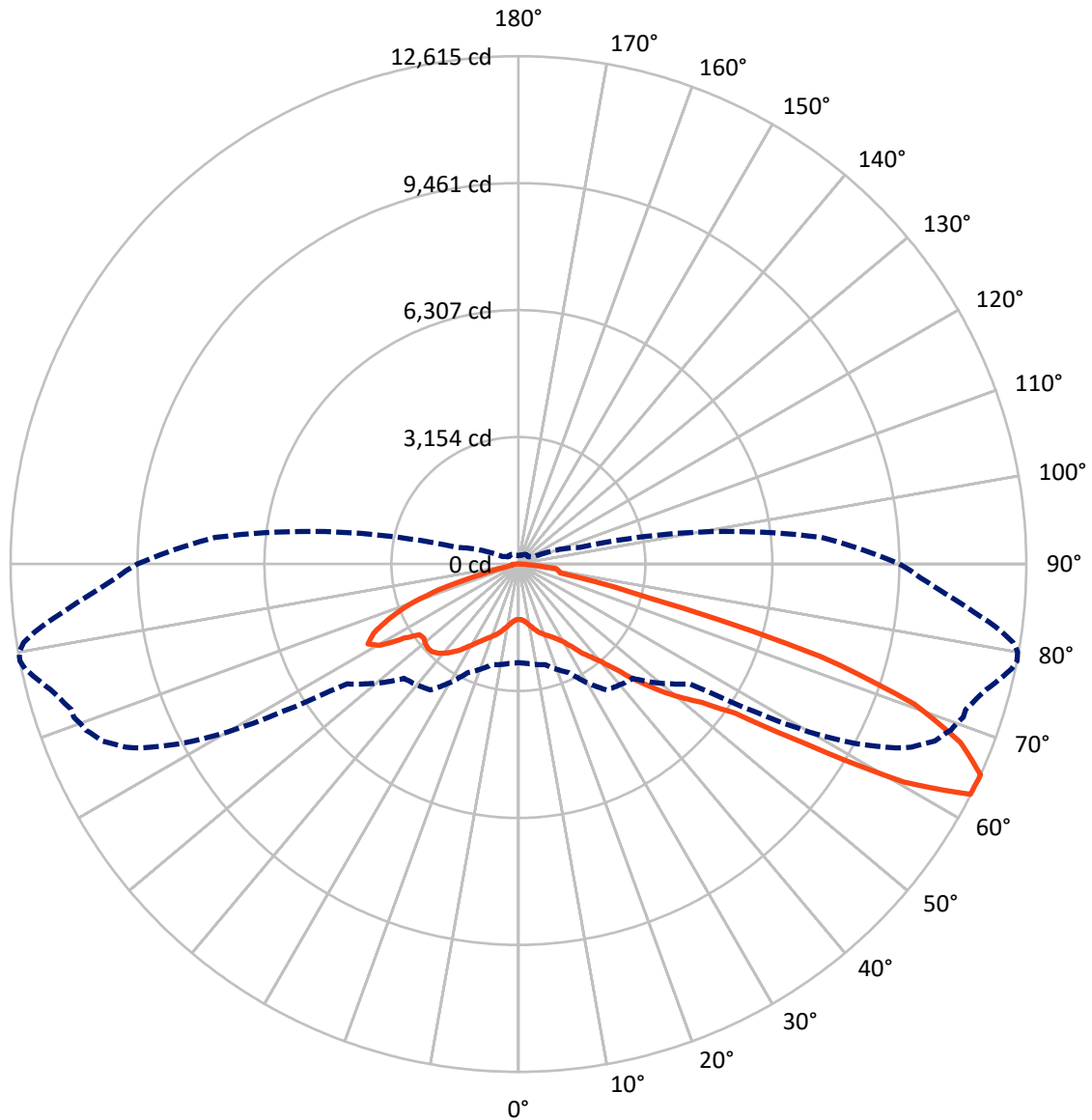
✕ Max cd
 - - - 1/2 Max cd



Based on 20 foot mounting height. Maximum calculated value = 4.4 fc
 Type II - Short - Non-Cutoff

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Luminous Intensity Polar Plot



— Vertical Plane Through 79-Deg Lateral - - - Horizontal Cone Through 65-Deg Vertical

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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2890.2	0.0	2890.2
	% Fixture	23.0	0.0	23.0
Street Side	Lumens	9687.7	0.0	9687.7
	% Fixture	77.0	0.0	77.0
Total	Lumens	12577.9	0.0	12577.9
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	136.2	1.1
10°-20°	442.2	3.5
20°-30°	762.3	6.1
30°-40°	1248.7	9.9
40°-50°	2091.1	16.6
50°-60°	2828.5	22.5
60°-70°	3483.3	27.7
70°-80°	1348.4	10.7
80°-90°	237.1	1.9
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°	12577.9	100.0
0°-180°	12577.9	100.0



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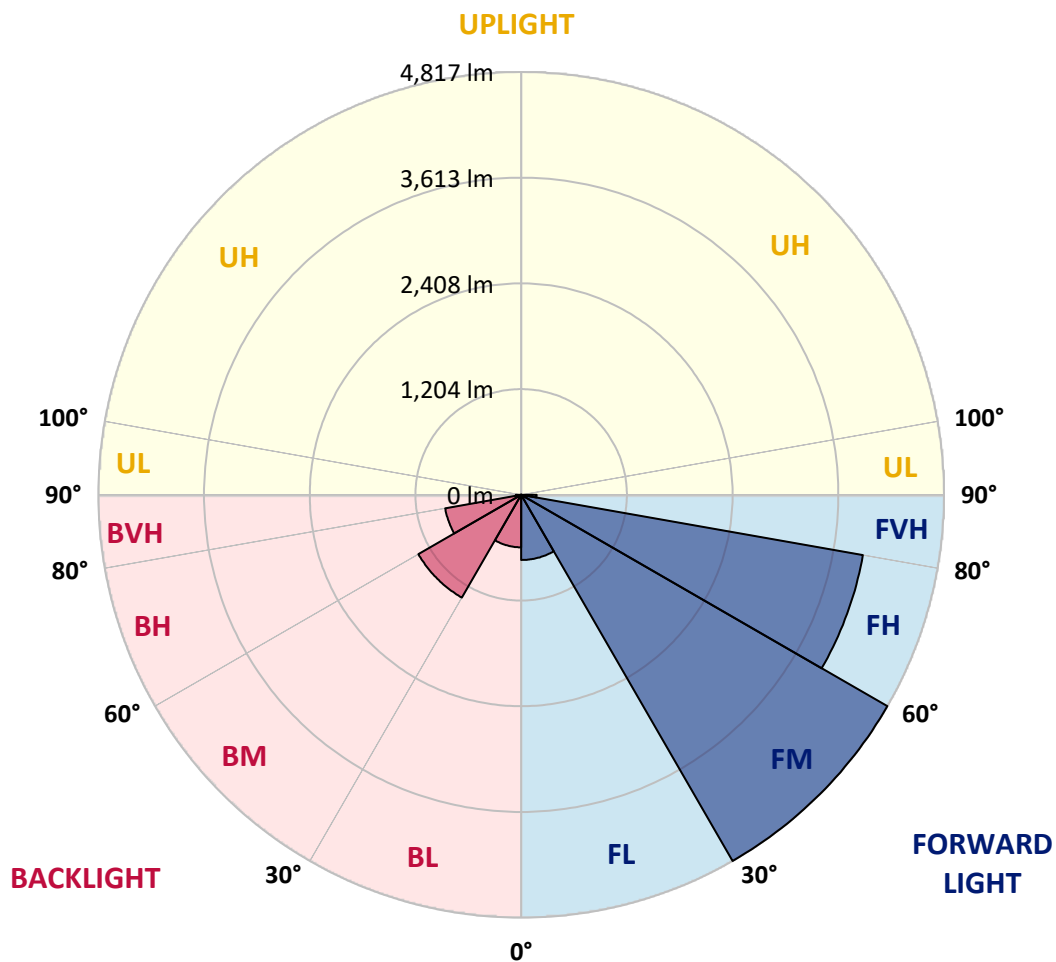
CATALOG NUMBER: VTS-F06-LED-E1-SL2-8030

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	742.6	5.9			
FM	(30°-60°)	4816.8	38.3			
FH	(60°-80°)	3952.4	31.4			G2/5000
FVH	(80°-90°)	176.0	1.4			G2/225
BL	(0°-30°)	598.1	4.8	B2/1000		
BM	(30°-60°)	1351.6	10.7	B2/2500		
BH	(60°-80°)	879.3	7.0	B2/1000		G2/1000
BVH	(80°-90°)	61.2	0.5			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G2

Type II Short





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	56°	57°	58°	59°
0°	1376.2	1376.2	1376.2	1376.2	1376.2	1376.2	1376.2	1376.2	1376.2	1376.2	1376.2
2.5°	1378.7	1374.5	1378.7	1382.0	1384.6	1387.9	1387.1	1386.2	1385.4	1386.2	1386.2
5°	1390.4	1389.6	1393.7	1397.1	1402.9	1407.1	1412.1	1412.1	1412.1	1411.3	1413.0
7.5°	1428.0	1427.2	1431.4	1434.7	1439.7	1448.1	1454.8	1458.1	1457.3	1457.3	1457.3
10°	1489.9	1486.6	1486.6	1486.6	1493.2	1499.1	1514.1	1515.8	1519.2	1517.5	1518.3
12.5°	1550.1	1550.9	1548.4	1545.9	1546.8	1558.5	1580.2	1584.4	1585.2	1587.7	1589.4
15°	1604.4	1603.6	1597.8	1591.9	1599.4	1619.5	1647.9	1655.4	1655.4	1660.5	1663.8
17.5°	1654.6	1652.9	1642.1	1632.0	1639.6	1673.8	1718.1	1723.2	1730.7	1733.2	1736.5
20°	1714.0	1710.6	1698.1	1671.3	1671.3	1718.1	1776.7	1781.7	1788.4	1790.1	1795.9
22.5°	1796.7	1788.4	1761.6	1713.1	1699.8	1754.1	1826.0	1828.5	1833.5	1840.2	1845.2
25°	1890.4	1892.1	1848.6	1764.1	1734.9	1791.7	1873.7	1877.8	1887.0	1892.1	1897.9
27.5°	1987.4	1989.9	1941.4	1836.0	1786.7	1843.6	1938.0	1943.1	1953.9	1959.8	1969.0
30°	2097.7	2101.1	2054.3	1948.1	1872.8	1919.6	2033.4	2046.7	2055.9	2063.5	2078.5
32.5°	2362.8	2342.7	2310.1	2197.2	2078.5	2075.2	2187.2	2202.2	2214.8	2230.7	2244.9
35°	2696.4	2708.9	2725.6	2649.5	2545.0	2469.0	2478.1	2469.8	2481.5	2504.9	2519.1
37.5°	2960.6	2988.2	3060.9	3110.2	3106.0	3091.0	2950.5	2950.5	2958.1	2945.5	2943.8
40°	3167.9	3185.5	3334.3	3525.8	3687.1	3766.6	3655.4	3639.5	3647.8	3583.5	3586.0
42.5°	3274.9	3300.9	3514.9	3851.0	4171.2	4426.2	4391.9	4381.1	4356.0	4340.1	4330.1
45°	3329.3	3360.2	3615.2	4076.7	4543.3	4937.1	5114.3	5112.6	5090.1	5071.7	5063.3
47.5°	3301.7	3328.4	3600.2	4145.3	4738.9	5266.5	5658.6	5682.9	5676.2	5702.9	5713.8
50°	3121.1	3155.4	3427.9	3997.3	4657.0	5396.1	6035.7	6080.8	6141.9	6180.3	6231.3
52.5°	2958.1	2986.5	3232.3	3757.4	4387.8	5290.7	6263.1	6355.9	6439.5	6518.1	6579.1
55°	2787.5	2815.9	3031.6	3508.2	4116.0	4979.7	6366.8	6502.2	6632.6	6765.6	6887.6
57.5°	2723.1	2753.2	2913.7	3315.1	3893.6	4671.2	6417.8	6640.2	6852.5	7078.3	7312.4
60°	2890.3	2917.1	3039.2	3320.1	3723.9	4362.7	6314.9	6664.4	7029.8	7401.8	7761.4
62.5°	2839.3	2853.6	3005.7	3441.3	3940.5	4058.3	5869.3	6330.8	6861.7	7406.9	7957.8
65°	2449.7	2477.3	2591.9	2974.8	3819.2	4017.4	5190.4	5654.4	6280.7	6925.3	7663.5
67.5°	1757.4	1719.0	1807.6	2142.9	2963.1	4010.7	4426.2	4769.9	5260.6	5754.8	6360.1
70°	798.5	780.1	849.5	1114.5	1787.5	3169.6	3742.3	3858.5	4040.8	4373.5	4782.4
72.5°	315.2	314.4	359.5	460.7	845.3	2040.0	3147.0	3213.9	3278.3	3422.9	3599.3
75°	206.5	206.5	219.9	248.3	416.4	984.9	2662.1	2723.1	2821.8	2862.7	2938.0
77.5°	155.5	156.3	162.2	168.9	229.9	518.4	1878.7	2095.2	2262.4	2387.0	2478.1
80°	110.4	115.4	126.2	130.4	149.7	295.1	1061.8	1218.2	1407.1	1608.6	1862.0
82.5°	82.8	88.6	107.0	112.0	118.7	168.1	479.1	543.5	634.6	822.7	1183.1
85°	38.5	42.6	73.6	80.3	86.1	97.0	243.3	271.7	308.5	337.8	393.8
87.5°	5.9	4.2	12.5	17.6	27.6	28.4	83.6	99.5	107.9	129.6	134.6
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):

	60°	61°	62°	64°	65°	66°	67°	68°	69°	70°	71°
0°	1376.2	1376.2	1376.2	1376.2	1376.2	1376.2	1376.2	1376.2	1376.2	1376.2	1376.2
2.5°	1386.2	1387.1	1387.9	1386.2	1387.1	1387.1	1385.4	1384.6	1384.6	1384.6	1385.4
5°	1413.0	1414.7	1413.0	1413.8	1417.2	1416.3	1414.7	1413.8	1417.2	1418.0	1415.5
7.5°	1460.6	1461.5	1458.1	1462.3	1464.0	1464.8	1464.8	1466.5	1466.5	1469.0	1466.5
10°	1521.7	1521.7	1527.5	1526.7	1527.5	1529.2	1530.0	1533.4	1535.9	1535.9	1537.6
12.5°	1591.9	1592.7	1598.6	1599.4	1602.8	1603.6	1608.6	1605.3	1613.6	1613.6	1616.1
15°	1664.6	1670.5	1671.3	1679.7	1681.4	1682.2	1688.9	1688.9	1694.7	1695.6	1697.2
17.5°	1736.5	1741.6	1744.9	1751.6	1757.4	1760.0	1762.5	1767.5	1771.7	1773.3	1777.5
20°	1798.4	1803.4	1806.8	1813.5	1818.5	1822.7	1825.2	1831.0	1835.2	1836.9	1842.7
22.5°	1850.3	1853.6	1859.4	1868.6	1870.3	1875.3	1882.9	1887.0	1888.7	1893.7	1900.4
25°	1905.4	1910.4	1913.8	1922.2	1928.8	1937.2	1943.9	1950.6	1952.3	1958.9	1964.8
27.5°	1979.0	1984.0	1984.9	2001.6	2008.3	2020.0	2027.5	2037.5	2042.5	2048.4	2060.1
30°	2087.7	2099.4	2104.4	2123.6	2127.0	2140.4	2153.7	2157.1	2164.6	2165.5	2184.7
32.5°	2254.1	2270.8	2277.5	2297.6	2302.6	2315.1	2322.6	2340.2	2341.0	2349.4	2353.6
35°	2526.6	2522.5	2548.4	2553.4	2568.4	2579.3	2586.8	2586.8	2602.7	2603.6	2608.6
37.5°	2898.7	2890.3	2897.0	2866.9	2874.5	2861.1	2858.6	2861.9	2855.2	2856.9	2856.1
40°	3494.0	3456.4	3417.1	3324.3	3304.2	3265.7	3235.6	3211.4	3188.0	3162.9	3146.2
42.5°	4240.6	4186.3	4127.7	3978.9	3909.5	3835.1	3762.4	3720.6	3637.0	3586.0	3558.4
45°	5023.2	4959.6	4877.7	4754.0	4655.3	4575.9	4442.9	4380.2	4250.6	4186.3	4099.3
47.5°	5664.5	5665.3	5599.2	5473.8	5368.5	5315.8	5233.0	5111.8	4964.7	4881.9	4727.2
50°	6225.5	6224.6	6220.5	6145.2	6071.6	6013.9	5941.2	5831.7	5711.3	5617.6	5440.4
52.5°	6640.2	6695.3	6718.8	6717.9	6708.7	6682.0	6626.8	6532.3	6410.2	6357.6	6216.3
55°	6983.0	7103.4	7166.1	7303.2	7315.7	7360.0	7311.5	7312.4	7240.5	7245.5	7200.3
57.5°	7502.2	7722.1	7848.3	8151.8	8304.0	8487.9	8455.3	8609.1	8665.2	8736.2	8830.7
60°	8091.6	8502.1	8801.4	9405.1	9650.9	9948.5	10112.4	10287.2	10414.2	10544.7	10640.8
62.5°	8513.0	9052.3	9543.9	10404.2	10723.6	11037.1	11243.6	11455.2	11598.1	11691.8	11761.2
65°	8340.8	8936.9	9518.0	10420.1	10767.9	10995.3	11241.1	11363.2	11506.2	11583.9	11683.4
67.5°	7087.5	7685.3	8308.2	9372.5	9736.2	10050.5	10242.0	10400.0	10515.4	10614.1	10728.6
70°	5270.7	5924.5	6568.3	7735.4	8194.4	8648.4	8874.2	9069.8	9190.2	9289.7	9416.0
72.5°	3793.3	4203.0	4605.1	5911.9	6370.9	6957.9	7192.0	7409.4	7565.7	7560.7	7694.5
75°	3019.9	3186.3	3365.2	4040.0	4369.4	4864.3	4995.6	5117.7	5044.1	4902.8	4894.4
77.5°	2514.1	2582.7	2642.9	2854.4	2902.9	3020.8	2955.6	2887.8	2669.6	2485.7	2388.7
80°	2040.9	2176.3	2264.9	2415.4	2477.3	2512.4	2521.6	2498.2	2418.0	2306.8	2129.5
82.5°	1517.5	1775.0	1950.6	2246.6	2355.2	2377.8	2421.3	2394.5	2341.9	2251.6	2124.5
85°	444.8	503.3	576.9	782.6	917.2	1031.7	1148.8	1206.5	1242.4	1192.3	1061.0
87.5°	156.3	176.4	197.3	271.7	289.3	349.5	342.8	404.7	407.2	424.7	406.3
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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CANDELA DISTRIBUTION (continued):

	72°	73°	74°	75°	76°	77°	78°	79°	80°	81°	82°
0°	1376.2	1376.2	1376.2	1376.2	1376.2	1376.2	1376.2	1376.2	1376.2	1376.2	1376.2
2.5°	1384.6	1384.6	1384.6	1385.4	1385.4	1385.4	1383.7	1382.9	1383.7	1385.4	1385.4
5°	1417.2	1418.0	1419.7	1416.3	1417.2	1419.7	1418.0	1417.2	1418.0	1419.7	1418.0
7.5°	1469.8	1470.7	1469.0	1472.3	1472.3	1474.0	1476.5	1474.0	1474.8	1475.7	1476.5
10°	1538.4	1539.2	1540.9	1543.4	1544.2	1545.9	1547.6	1550.1	1550.1	1548.4	1552.6
12.5°	1620.3	1619.5	1621.2	1624.5	1626.2	1628.7	1633.7	1633.7	1637.0	1636.2	1640.4
15°	1700.6	1704.8	1705.6	1711.5	1714.0	1718.1	1724.0	1727.3	1727.3	1732.4	1734.0
17.5°	1780.9	1784.2	1787.5	1792.6	1795.9	1798.4	1805.1	1809.3	1808.4	1817.6	1817.6
20°	1842.7	1849.4	1853.6	1856.9	1862.8	1867.0	1872.0	1877.0	1880.3	1886.2	1887.9
22.5°	1902.9	1907.1	1913.0	1917.1	1923.8	1928.8	1934.7	1938.9	1944.7	1952.3	1954.8
25°	1969.8	1976.5	1983.2	1989.0	1994.1	1999.9	2009.9	2019.1	2027.5	2034.2	2036.7
27.5°	2062.6	2070.1	2080.2	2084.4	2091.9	2096.9	2111.9	2123.6	2127.8	2139.5	2142.9
30°	2188.0	2196.4	2206.4	2211.4	2224.8	2231.5	2247.4	2259.9	2264.1	2278.3	2280.8
32.5°	2369.5	2374.5	2394.5	2393.7	2412.1	2431.3	2440.5	2450.6	2469.0	2476.5	2479.0
35°	2621.1	2632.8	2647.0	2646.2	2669.6	2680.5	2698.9	2709.7	2723.1	2722.3	2736.5
37.5°	2864.4	2868.6	2873.6	2884.5	2901.2	2916.3	2922.9	2933.8	2943.8	2958.9	2977.3
40°	3129.5	3139.5	3140.3	3146.2	3154.5	3173.8	3186.3	3198.0	3232.3	3254.0	3264.9
42.5°	3526.6	3524.1	3507.4	3518.2	3523.3	3552.5	3561.7	3597.7	3636.1	3682.1	3694.6
45°	4037.4	4004.0	3994.0	3989.8	4016.5	4031.6	4069.2	4136.1	4176.2	4219.7	4240.6
47.5°	4666.2	4561.7	4512.3	4501.5	4529.1	4593.4	4606.0	4672.0	4724.7	4756.5	4777.4
50°	5295.7	5213.8	5110.1	5075.0	5067.5	5126.9	5141.1	5196.3	5249.8	5259.0	5248.1
52.5°	6086.7	5952.9	5781.5	5719.6	5670.3	5674.5	5686.2	5709.6	5743.9	5729.7	5700.4
55°	7098.3	6946.2	6861.7	6744.7	6670.3	6656.9	6605.9	6535.7	6533.1	6542.3	6454.6
57.5°	8783.0	8719.5	8755.5	8742.9	8669.3	8713.7	8483.7	8418.5	8366.7	8276.4	8195.3
60°	10726.1	10791.3	10865.7	11037.1	11029.6	11201.8	11042.1	11002.0	10953.5	10675.1	10538.8
62.5°	11882.4	11908.3	12017.9	12177.5	12334.7	12499.4	12573.8	12599.8	12498.6	12271.2	11986.9
65°	11680.9	11795.5	11901.6	12039.6	12201.0	12365.7	12522.8	12614.8	12591.4	12440.9	12128.2
67.5°	10765.4	10885.8	11041.3	11185.9	11359.9	11502.8	11675.1	11843.9	11849.0	11773.7	11556.3
70°	9429.3	9569.0	9729.5	9810.6	9998.7	10128.3	10271.3	10438.5	10492.8	10502.0	10248.7
72.5°	7666.0	7724.6	7803.2	7760.5	7798.1	7880.9	7842.5	7855.8	7649.3	7687.8	7375.1
75°	4668.7	4615.2	4377.7	4161.2	3897.0	3693.8	3742.3	3354.4	2972.3	2953.0	2677.1
77.5°	2367.8	2282.5	2135.4	1982.4	1758.3	1501.6	1287.6	1056.8	862.0	750.8	644.6
80°	2016.6	1956.4	1875.3	1764.1	1601.1	1411.3	1188.1	1012.5	849.5	679.7	544.3
82.5°	1929.7	1745.7	1627.9	1535.0	1358.6	1183.1	1061.0	940.6	825.2	720.7	571.0
85°	957.3	847.0	716.5	635.4	489.1	382.9	358.7	295.1	275.1	212.4	178.9
87.5°	321.9	263.4	196.5	165.5	132.1	107.9	106.2	94.5	93.6	85.3	78.6
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):

	83°	84°	85°	86°	87°	88°	89°	90°	95°	105°	115°
0°	1376.2	1376.2	1376.2	1376.2	1376.2	1376.2	1376.2	1376.2	1376.2	1376.2	1376.2
2.5°	1384.6	1386.2	1386.2	1384.6	1385.4	1383.7	1384.6	1385.4	1382.9	1382.0	1379.5
5°	1418.8	1418.0	1418.0	1418.8	1421.3	1422.2	1418.0	1419.7	1420.5	1416.3	1407.1
7.5°	1475.7	1475.7	1478.2	1477.4	1482.4	1480.7	1479.9	1479.9	1479.9	1471.5	1456.5
10°	1552.6	1552.6	1555.1	1558.5	1559.3	1557.6	1557.6	1558.5	1562.6	1545.9	1522.5
12.5°	1638.7	1642.9	1642.1	1642.1	1652.1	1649.6	1646.2	1649.6	1653.8	1630.4	1596.9
15°	1734.9	1737.4	1739.1	1744.9	1743.2	1749.1	1750.8	1749.1	1753.3	1723.2	1667.1
17.5°	1821.8	1826.8	1828.5	1835.2	1835.2	1836.0	1842.7	1840.2	1841.1	1806.8	1726.5
20°	1893.7	1898.7	1901.3	1908.8	1910.4	1913.8	1916.3	1918.0	1922.2	1881.2	1775.0
22.5°	1965.6	1969.8	1974.0	1979.0	1985.7	1989.9	1993.2	1994.9	2002.4	1954.8	1821.0
25°	2045.9	2055.1	2059.3	2067.6	2074.3	2081.0	2086.0	2086.9	2099.4	2040.0	1858.6
27.5°	2152.9	2165.5	2172.1	2185.5	2192.2	2198.9	2197.2	2207.3	2224.8	2137.9	1887.9
30°	2293.4	2309.3	2313.4	2326.8	2337.7	2344.4	2351.9	2360.3	2372.0	2246.6	1902.1
32.5°	2489.0	2513.3	2519.1	2526.6	2542.5	2554.2	2559.2	2572.6	2576.0	2349.4	1897.9
35°	2757.4	2746.5	2775.0	2781.6	2804.2	2813.4	2819.3	2836.8	2823.5	2461.4	1870.3
37.5°	2999.9	2996.5	3024.1	3039.2	3068.4	3061.7	3075.9	3087.7	3040.0	2540.9	1819.3
40°	3295.8	3291.7	3330.1	3335.1	3380.3	3370.2	3376.1	3385.3	3279.1	2596.0	1726.5
42.5°	3708.9	3710.5	3751.5	3756.5	3762.4	3780.8	3750.7	3752.3	3533.3	2611.1	1573.5
45°	4253.2	4282.4	4257.3	4258.2	4256.5	4221.4	4183.8	4139.4	3797.5	2559.2	1376.2
47.5°	4780.7	4760.7	4728.9	4699.6	4675.4	4620.2	4565.0	4489.8	4025.7	2436.3	1156.3
50°	5232.2	5187.1	5158.6	5077.5	5019.8	4947.9	4871.0	4784.9	4213.0	2259.1	950.6
52.5°	5651.9	5605.1	5498.9	5414.5	5331.7	5236.4	5146.9	5045.8	4378.6	2056.8	793.4
55°	6349.2	6308.2	6202.1	6047.4	5945.4	5814.1	5696.2	5559.1	4713.8	1892.9	689.8
57.5°	7972.0	7936.9	7713.7	7615.9	7481.3	7151.9	7103.4	6889.3	5612.6	1873.7	628.7
60°	10257.1	10106.6	9921.0	9653.4	9338.2	9229.5	8987.1	8701.9	7059.0	1926.3	579.4
62.5°	11660.0	11317.2	11044.7	10736.1	10446.0	10196.9	9931.8	9650.1	7799.0	1856.9	518.4
65°	11765.4	11362.4	11002.0	10640.0	10313.9	10003.7	9746.2	9464.5	7558.2	1596.1	438.9
67.5°	11185.1	10760.4	10367.4	9956.9	9627.5	9347.4	9019.7	8748.8	6879.3	1242.4	365.4
70°	9988.7	9615.8	9277.2	8834.9	8561.5	8220.4	8012.2	7673.6	5996.4	847.0	301.8
72.5°	7194.5	6913.6	6803.2	6494.7	6136.8	5936.2	5840.0	5511.5	4431.2	525.9	246.6
75°	2430.5	2499.9	2341.0	2097.7	2216.5	2033.4	2107.8	1951.4	1874.5	301.8	207.3
77.5°	539.3	506.7	468.2	434.8	432.3	406.3	430.6	407.2	435.6	192.3	183.1
80°	425.6	336.1	285.9	260.9	247.5	240.0	234.1	227.4	207.3	163.9	168.9
82.5°	459.8	347.0	254.2	203.2	173.9	163.0	160.5	153.8	152.2	158.9	170.6
85°	147.2	122.9	104.5	98.7	91.1	87.0	85.3	82.8	100.3	173.1	163.9
87.5°	76.9	67.7	60.2	57.7	50.2	46.8	46.0	46.8	70.2	173.1	118.7
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):

	125°	135°	145°	155°	165°	175°	180°
0°	1376.2	1376.2	1376.2	1376.2	1376.2	1376.2	1376.2
2.5°	1377.0	1376.2	1374.5	1373.7	1372.8	1368.7	1372.0
5°	1402.9	1394.6	1387.1	1377.9	1372.8	1368.7	1368.7
7.5°	1442.2	1418.8	1399.6	1378.7	1364.5	1353.6	1351.9
10°	1491.6	1446.4	1402.1	1364.5	1337.7	1317.7	1315.2
12.5°	1538.4	1469.8	1399.6	1337.7	1295.9	1267.5	1265.8
15°	1581.9	1482.4	1380.4	1289.2	1226.5	1188.9	1184.7
17.5°	1616.1	1474.8	1336.9	1221.5	1136.2	1091.9	1089.4
20°	1623.7	1444.8	1275.0	1137.9	1047.6	1000.8	989.9
22.5°	1617.0	1390.4	1198.1	1045.9	942.3	895.4	889.6
25°	1596.9	1324.4	1102.8	938.9	842.8	795.1	783.4
27.5°	1561.0	1246.6	1000.0	835.2	739.9	693.9	682.2
30°	1507.5	1153.0	890.4	738.3	639.6	602.8	591.1
32.5°	1433.0	1039.3	782.6	638.8	556.8	527.6	522.6
35°	1330.2	908.8	669.7	556.8	496.6	479.1	476.6
37.5°	1198.9	778.4	575.2	498.3	454.8	444.0	442.3
40°	1027.5	644.6	508.3	456.5	424.7	415.5	413.9
42.5°	851.1	544.3	459.0	423.1	397.1	388.8	386.3
45°	696.5	476.6	422.2	395.5	371.2	362.0	361.2
47.5°	581.1	437.3	392.1	370.4	346.1	335.3	336.1
50°	496.6	401.3	367.0	348.6	321.1	311.0	311.9
52.5°	438.9	365.4	343.6	322.7	299.3	289.3	289.3
55°	393.8	336.1	321.1	298.5	280.1	270.9	270.1
57.5°	357.0	312.7	299.3	280.9	262.5	251.7	251.7
60°	334.4	296.0	285.1	268.4	246.6	234.9	234.1
62.5°	321.1	291.0	281.8	258.3	234.1	222.4	219.9
65°	311.0	302.7	291.0	252.5	224.1	211.5	209.0
67.5°	311.9	330.3	313.5	255.8	220.7	202.3	199.0
70°	316.9	352.0	329.4	263.4	234.9	198.2	190.6
72.5°	291.8	318.5	296.8	250.8	229.1	190.6	181.4
75°	243.3	232.4	213.2	204.0	205.7	173.1	169.7
77.5°	197.3	173.1	154.7	162.2	173.1	148.0	144.6
80°	171.4	140.5	131.3	143.8	157.2	126.2	117.9
82.5°	160.5	118.7	112.9	149.7	164.7	108.7	95.3
85°	141.3	97.0	88.6	176.4	164.7	81.9	76.1
87.5°	94.5	57.7	55.2	129.6	112.9	56.9	46.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)