

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: STREETWORKS

Report Number: P561145

Luminaire Tested: **SDL-PA1-80-827-U-5WQ**

Issue Date: 7/26/2021

Test Information

Test Method: LM-79-08
Report Number: P561145
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2106-279-21)
Test Lab: INNOVATION CENTER
Issue Date: 7/26/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: SDL-PA1-80-827-U-5WQ
Description: Springdale
(1) 80 CRI, 2700K, 1050mA LIGHT ENGINE WITH 24 LEDS AND TYPE V WIDE OPTICS
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 7086.5 lumens
Efficiency: N/A
Efficacy: 86.4 lumens/watt
Luminous Opening: Rectangular w/ Sides (W: 1.21' x L: 1.21' x H: 0.96')
IES Classification: Type V - Short
BUG Rating: B3 - U0 - G2

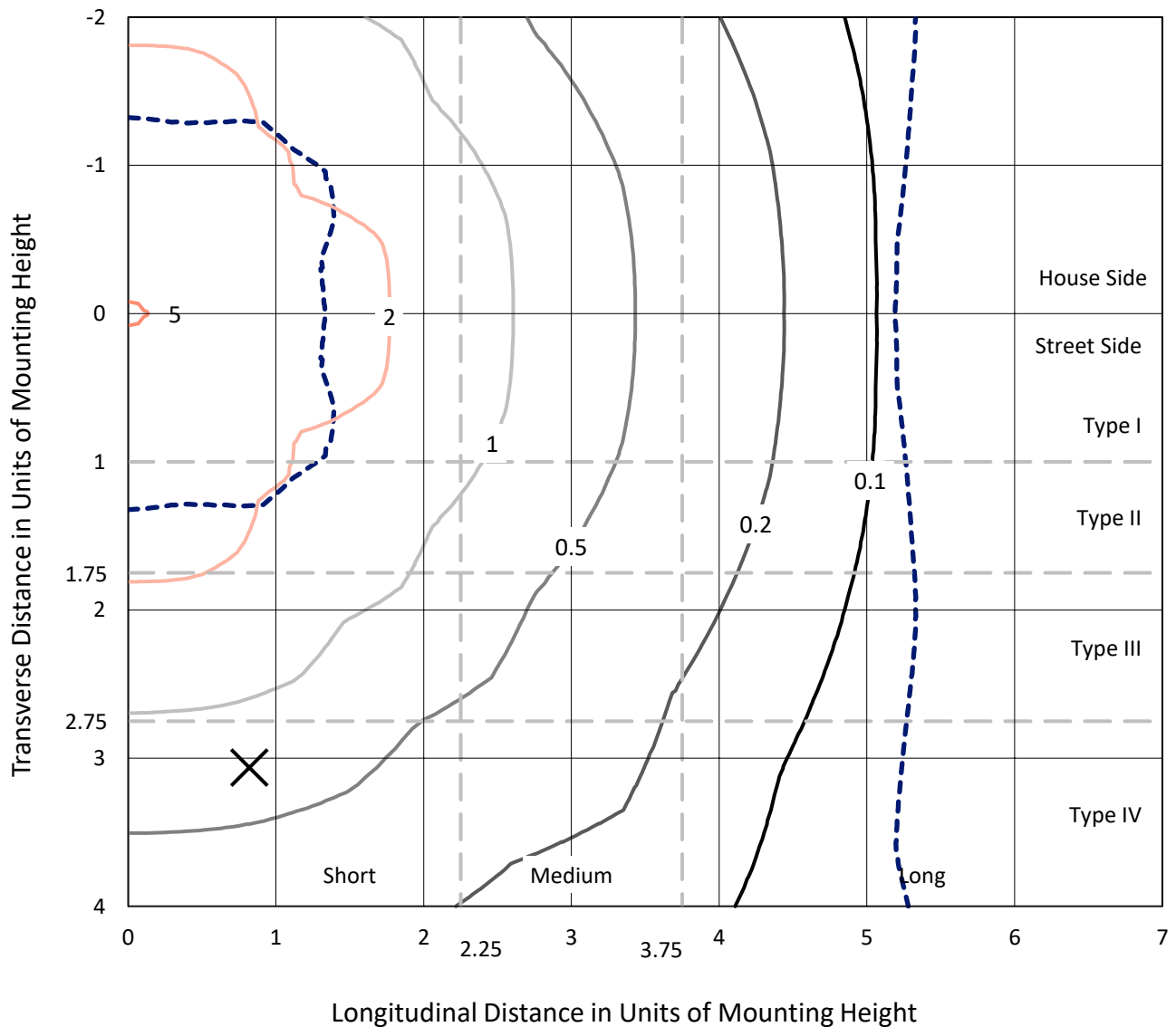
Input Watts (W): 82
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

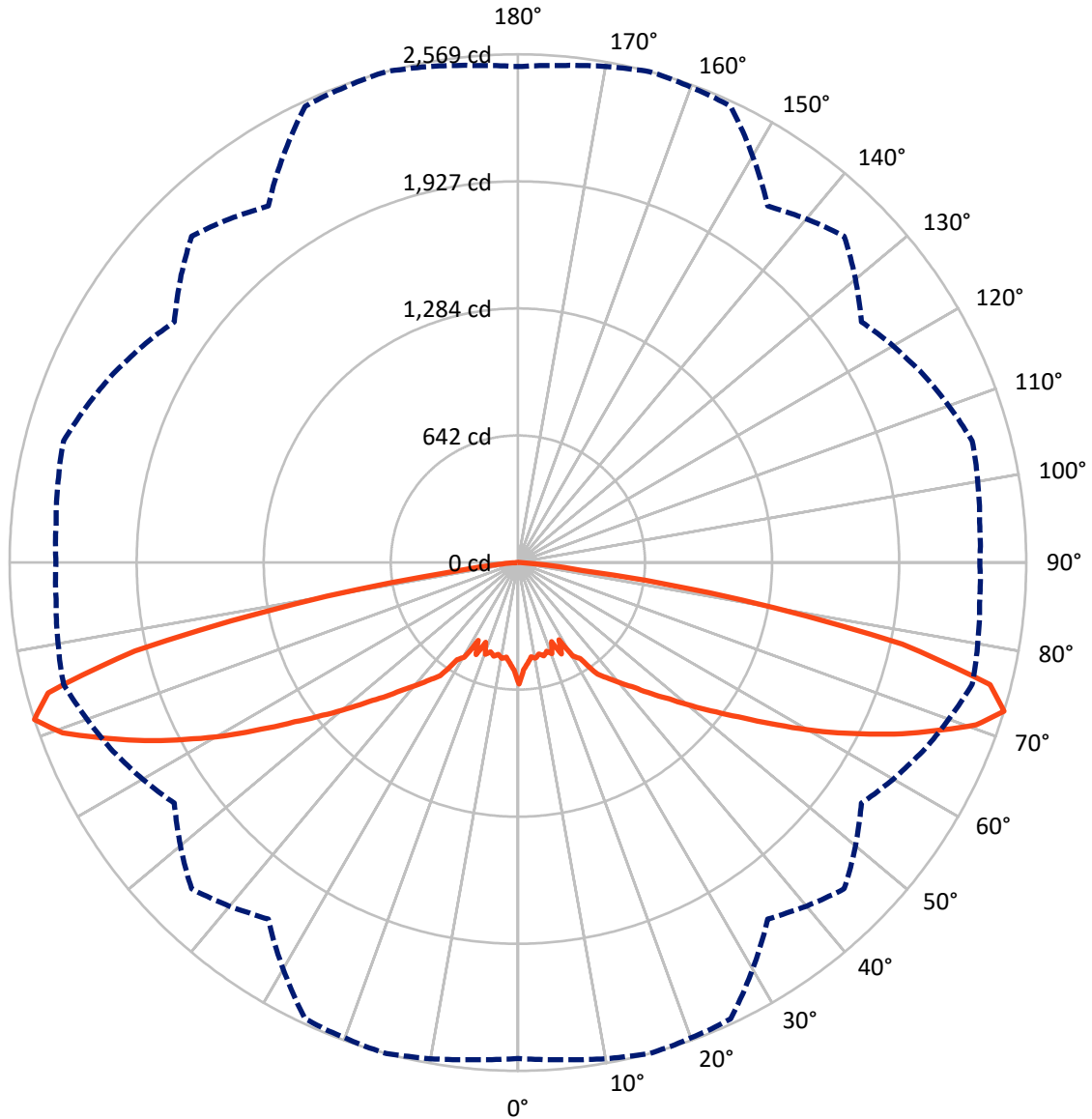
× Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 6.1 fc
 Type V - Short - N/A

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Luminous Intensity Polar Plot



— Vertical Plane Through 15-Deg Lateral - - - Horizontal Cone Through 72.5-Deg Vertical

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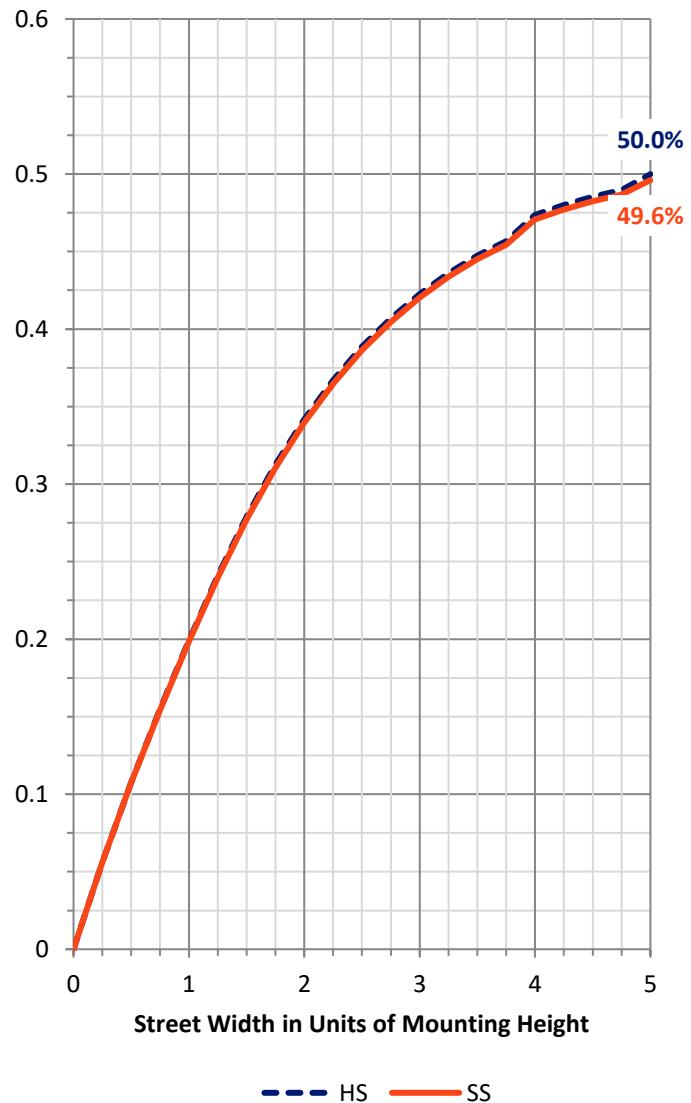
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3543.3	0.0	3543.3
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	3543.3	0.0	3543.3
	% Fixture	50.0	0.0	50.0
Total	Lumens	7086.5	0.0	7086.5
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	48.2	0.7
10°-20°	111.9	1.6
20°-30°	199.6	2.8
30°-40°	381.8	5.4
40°-50°	650.3	9.2
50°-60°	1138.3	16.1
60°-70°	1920.8	27.1
70°-80°	2240.5	31.6
80°-90°	395.2	5.6
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°	7086.5	100.0
0°-180°	7086.5	100.0



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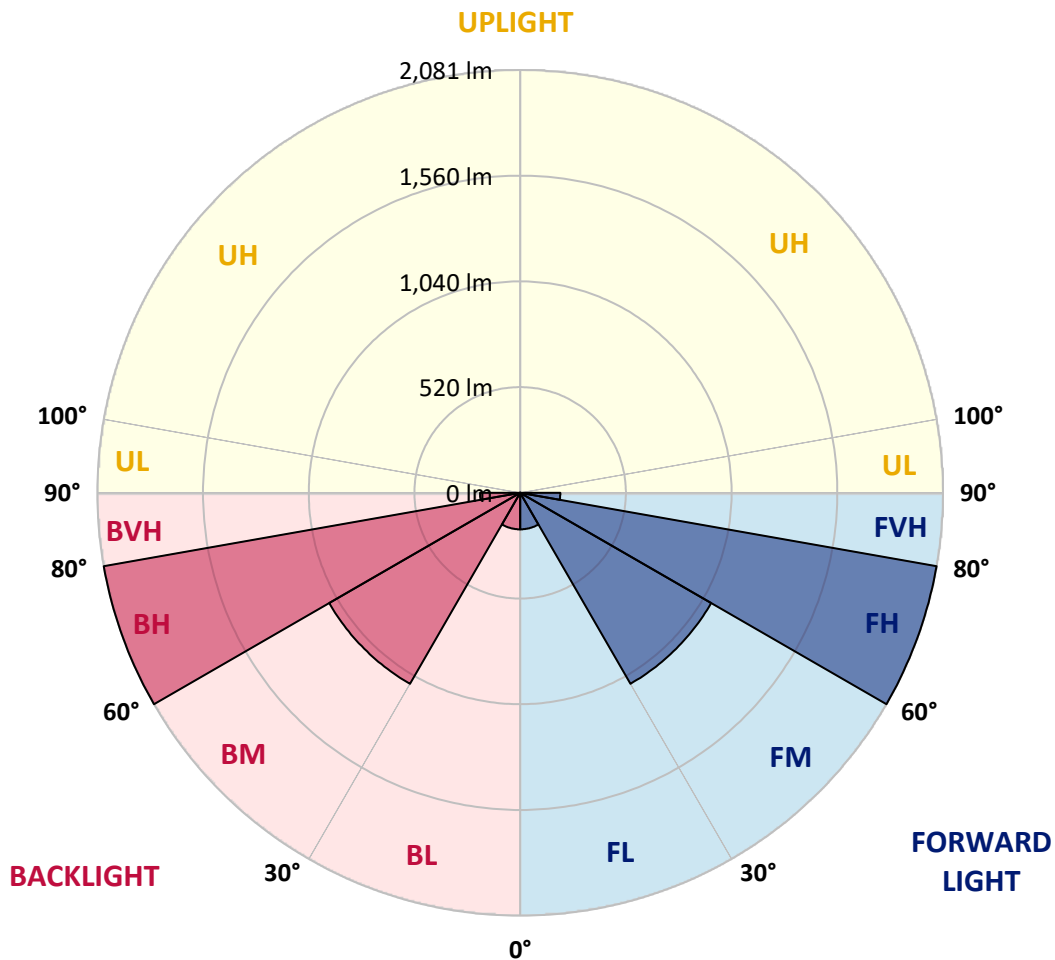
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	179.8	2.5			
FM (30°-60°)	1085.2	15.3			
FH (60°-80°)	2080.6	29.4			G2/5000
FVH (80°-90°)	197.6	2.8			G2/225
BL (0°-30°)	179.8	2.5	B1/500		
BM (30°-60°)	1085.2	15.3	B2/2500		
BH (60°-80°)	2080.6	29.4	B3/2500		G2/5000
BVH (80°-90°)	197.6	2.8			G2/225
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G2

Type V Short





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CANDELA DISTRIBUTION (FULL):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
0°	613.6	613.6	613.6	613.6	613.6	613.6	613.6	613.6	613.6	613.6	613.6
2.5°	543.7	546.2	546.2	546.2	546.2	543.7	543.7	551.2	558.7	566.2	573.6
5°	513.8	513.8	513.8	513.8	513.8	511.3	511.3	511.3	511.3	511.3	511.3
7.5°	439.0	444.0	446.4	456.4	463.9	473.9	481.4	483.9	486.4	486.4	488.8
10°	493.8	493.8	493.8	493.8	493.8	491.3	491.3	486.4	483.9	478.9	473.9
12.5°	434.0	431.5	429.0	441.5	451.4	463.9	473.9	476.4	478.9	481.4	483.9
15°	498.8	498.8	498.8	496.3	493.8	491.3	488.8	471.4	453.9	434.0	416.5
17.5°	424.0	426.5	426.5	439.0	448.9	461.4	471.4	466.4	461.4	453.9	448.9
20°	508.8	508.8	508.8	503.8	501.3	496.3	491.3	461.4	431.5	399.1	369.1
22.5°	431.5	431.5	431.5	431.5	434.0	434.0	434.0	436.5	439.0	441.5	444.0
25°	526.3	528.8	528.8	523.8	521.3	516.3	511.3	486.4	458.9	434.0	406.5
27.5°	453.9	453.9	453.9	451.4	448.9	444.0	441.5	446.4	453.9	458.9	463.9
30°	556.2	556.2	556.2	553.7	553.7	551.2	548.7	523.8	496.3	471.4	444.0
32.5°	675.9	673.4	670.9	648.5	626.0	601.1	578.6	566.2	553.7	538.7	526.3
35°	718.3	718.3	715.8	710.8	705.8	698.4	693.4	668.4	643.5	618.5	593.6
37.5°	760.7	760.7	758.2	755.7	750.7	748.2	743.2	715.8	690.9	663.4	636.0
40°	813.1	815.6	815.6	813.1	808.1	805.6	800.6	770.7	743.2	713.3	683.4
42.5°	877.9	877.9	875.4	872.9	870.4	865.5	863.0	835.5	805.6	778.2	748.2
45°	955.2	955.2	952.8	950.3	950.3	947.8	945.3	920.3	892.9	868.0	840.5
47.5°	1050.0	1047.5	1045.0	1042.5	1037.6	1035.1	1030.1	1002.6	977.7	950.3	922.8
50°	1149.8	1149.8	1149.8	1147.3	1144.8	1139.8	1137.3	1112.4	1087.4	1060.0	1035.1
52.5°	1257.0	1259.5	1259.5	1259.5	1257.0	1257.0	1254.5	1229.6	1204.7	1177.2	1152.3
55°	1384.2	1384.2	1384.2	1384.2	1386.7	1386.7	1386.7	1361.8	1336.8	1311.9	1287.0
57.5°	1528.9	1538.9	1546.4	1546.4	1546.4	1546.4	1546.4	1521.4	1496.5	1471.5	1446.6
60°	1696.0	1698.5	1701.0	1708.5	1713.5	1720.9	1725.9	1703.5	1681.0	1658.6	1636.1
62.5°	1860.6	1865.6	1868.1	1878.1	1885.6	1895.5	1903.0	1888.0	1870.6	1855.6	1838.2
65°	2030.2	2035.2	2037.7	2050.2	2065.1	2077.6	2090.1	2077.6	2067.6	2055.2	2042.7
67.5°	2209.8	2214.8	2217.3	2229.7	2244.7	2257.2	2269.6	2264.7	2259.7	2254.7	2249.7
70°	2401.8	2404.3	2404.3	2416.8	2431.8	2444.2	2456.7	2454.2	2451.7	2449.2	2446.7
72.5°	2506.6	2514.1	2521.6	2534.0	2546.5	2556.5	2568.9	2564.0	2556.5	2551.5	2544.0
75°	2371.9	2376.9	2381.9	2401.8	2424.3	2444.2	2464.2	2471.7	2481.6	2489.1	2496.6
77.5°	1858.1	1880.6	1900.5	1923.0	1942.9	1965.4	1985.3	2027.7	2067.6	2110.0	2149.9
80°	920.3	932.8	945.3	995.2	1045.0	1094.9	1144.8	1219.6	1296.9	1371.8	1446.6
82.5°	222.0	222.0	222.0	249.4	274.4	301.8	326.7	394.1	463.9	531.2	598.6
85°	44.9	47.4	49.9	62.4	74.8	84.8	97.3	107.2	117.2	127.2	137.2
87.5°	7.5	7.5	7.5	7.5	10.0	10.0	10.0	12.5	15.0	15.0	17.5
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):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
0°	613.6	613.6	613.6	613.6	613.6	613.6	613.6	613.6	613.6	613.6	613.6
2.5°	576.1	581.1	583.6	586.1	588.6	591.1	593.6	596.1	598.6	598.6	601.1
5°	511.3	511.3	511.3	511.3	511.3	511.3	511.3	511.3	513.8	516.3	518.8
7.5°	491.3	493.8	496.3	498.8	498.8	498.8	496.3	496.3	493.8	493.8	491.3
10°	461.4	448.9	434.0	421.5	421.5	424.0	424.0	424.0	416.5	411.5	404.0
12.5°	473.9	463.9	451.4	441.5	424.0	409.0	391.6	374.1	369.1	364.1	359.2
15°	401.6	389.1	374.1	359.2	351.7	341.7	334.2	324.2	321.7	319.2	314.3
17.5°	436.5	424.0	409.0	396.6	371.6	346.7	321.7	296.8	309.3	324.2	336.7
20°	371.6	371.6	374.1	374.1	374.1	371.6	371.6	369.1	361.6	351.7	344.2
22.5°	424.0	401.6	381.6	359.2	364.1	369.1	374.1	379.1	366.6	354.2	339.2
25°	414.0	421.5	426.5	434.0	414.0	394.1	371.6	351.7	361.6	371.6	381.6
27.5°	448.9	434.0	416.5	401.6	409.0	416.5	421.5	429.0	416.5	404.0	391.6
30°	446.4	448.9	448.9	451.4	441.5	429.0	419.0	406.5	411.5	419.0	424.0
32.5°	511.3	493.8	478.9	461.4	461.4	461.4	458.9	458.9	458.9	461.4	461.4
35°	571.2	551.2	528.8	506.3	501.3	498.8	493.8	488.8	493.8	498.8	503.8
37.5°	613.6	588.6	566.2	541.2	538.7	536.2	531.2	528.8	528.8	528.8	528.8
40°	660.9	638.5	616.0	593.6	588.6	583.6	576.1	571.2	568.7	566.2	561.2
42.5°	725.8	700.8	678.4	653.5	646.0	636.0	628.5	618.5	616.0	613.6	608.6
45°	810.6	778.2	748.2	715.8	705.8	698.4	688.4	678.4	675.9	670.9	668.4
47.5°	887.9	855.5	820.6	785.6	780.7	773.2	768.2	760.7	755.7	748.2	743.2
50°	992.7	947.8	905.4	860.5	860.5	858.0	858.0	855.5	845.5	835.5	825.6
52.5°	1109.9	1065.0	1022.6	977.7	972.7	970.2	965.2	960.2	950.3	940.3	927.8
55°	1242.1	1197.2	1152.3	1107.4	1104.9	1104.9	1102.4	1099.9	1084.9	1070.0	1055.0
57.5°	1401.7	1359.3	1314.4	1269.5	1272.0	1272.0	1274.5	1274.5	1254.5	1234.6	1212.1
60°	1586.3	1536.4	1484.0	1434.1	1441.6	1451.6	1459.1	1466.5	1441.6	1416.7	1389.2
62.5°	1788.3	1735.9	1686.0	1633.6	1648.6	1663.6	1676.0	1691.0	1653.6	1616.2	1578.8
65°	1982.8	1923.0	1863.1	1803.2	1830.7	1860.6	1888.0	1915.5	1870.6	1825.7	1780.8
67.5°	2179.9	2112.5	2042.7	1972.8	2005.3	2037.7	2070.1	2102.5	2057.6	2010.3	1965.4
70°	2361.9	2277.1	2192.3	2107.5	2140.0	2172.4	2204.8	2237.2	2194.8	2152.4	2110.0
72.5°	2459.2	2371.9	2287.1	2199.8	2232.2	2267.2	2299.6	2332.0	2279.6	2227.2	2172.4
75°	2421.8	2344.5	2269.6	2192.3	2239.7	2287.1	2334.5	2381.9	2312.0	2239.7	2169.9
77.5°	2112.5	2077.6	2040.2	2002.8	2087.6	2172.4	2257.2	2342.0	2242.2	2140.0	2040.2
80°	1471.5	1499.0	1523.9	1548.8	1671.1	1793.3	1913.0	2035.2	1918.0	1803.2	1686.0
82.5°	675.9	753.2	828.0	905.4	1027.6	1149.8	1269.5	1391.7	1262.0	1132.3	1000.1
85°	162.1	187.1	209.5	234.4	296.8	359.2	421.5	483.9	431.5	379.1	326.7
87.5°	20.0	22.4	22.4	24.9	22.4	22.4	20.0	17.5	20.0	20.0	22.4
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°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
0°	613.6	613.6	613.6	613.6	613.6	613.6	613.6	613.6	613.6	613.6	613.6
2.5°	601.1	603.6	603.6	606.1	606.1	606.1	606.1	603.6	603.6	603.6	606.1
5°	521.3	533.7	543.7	556.2	566.2	571.2	578.6	583.6	588.6	591.1	591.1
7.5°	488.8	483.9	476.4	471.4	463.9	473.9	486.4	496.3	506.3	508.8	511.3
10°	396.6	394.1	389.1	386.6	381.6	384.1	389.1	391.6	394.1	406.5	421.5
12.5°	354.2	356.7	359.2	361.6	364.1	356.7	349.2	339.2	331.7	344.2	356.7
15°	311.8	311.8	314.3	314.3	314.3	324.2	334.2	344.2	354.2	371.6	391.6
17.5°	349.2	344.2	339.2	331.7	326.7	329.2	329.2	331.7	331.7	341.7	349.2
20°	334.2	326.7	321.7	314.3	306.8	319.2	331.7	344.2	356.7	376.6	396.6
22.5°	326.7	341.7	354.2	369.1	381.6	374.1	366.6	356.7	349.2	349.2	349.2
25°	391.6	379.1	366.6	354.2	341.7	364.1	384.1	406.5	426.5	441.5	453.9
27.5°	379.1	389.1	399.1	406.5	416.5	429.0	441.5	453.9	466.4	488.8	508.8
30°	429.0	441.5	453.9	463.9	476.4	508.8	538.7	571.2	601.1	616.0	631.0
32.5°	461.4	486.4	508.8	533.7	556.2	573.6	591.1	608.6	626.0	641.0	658.4
35°	508.8	528.8	546.2	566.2	583.6	603.6	623.5	641.0	660.9	675.9	690.9
37.5°	528.8	551.2	573.6	593.6	616.0	641.0	663.4	688.4	710.8	723.3	733.3
40°	558.7	586.1	613.6	641.0	668.4	693.4	718.3	743.2	768.2	778.2	788.1
42.5°	606.1	636.0	665.9	693.4	723.3	750.7	775.7	803.1	828.0	838.0	848.0
45°	663.4	693.4	723.3	753.2	783.2	813.1	843.0	872.9	902.9	915.3	927.8
47.5°	735.8	765.7	798.1	828.0	858.0	895.4	930.3	967.7	1002.6	1012.6	1022.6
50°	815.6	845.5	875.4	905.4	935.3	982.7	1027.6	1075.0	1119.9	1124.8	1132.3
52.5°	917.8	947.8	975.2	1005.1	1032.6	1084.9	1137.3	1187.2	1239.6	1242.1	1247.1
55°	1040.0	1067.5	1097.4	1124.8	1152.3	1209.6	1264.5	1321.9	1376.8	1376.8	1379.2
57.5°	1192.2	1222.1	1252.0	1279.5	1309.4	1364.3	1419.2	1471.5	1526.4	1523.9	1521.4
60°	1364.3	1391.7	1416.7	1444.1	1469.0	1521.4	1576.3	1628.7	1681.0	1676.0	1668.6
62.5°	1541.4	1571.3	1601.2	1628.7	1658.6	1701.0	1745.9	1788.3	1830.7	1820.7	1810.7
65°	1735.9	1765.8	1798.3	1828.2	1858.1	1890.5	1925.5	1957.9	1990.3	1980.3	1972.8
67.5°	1918.0	1952.9	1987.8	2020.2	2055.2	2080.1	2105.0	2127.5	2152.4	2140.0	2127.5
70°	2067.6	2097.6	2127.5	2157.4	2187.3	2212.3	2237.2	2262.2	2287.1	2274.6	2262.2
72.5°	2120.0	2154.9	2189.8	2222.3	2257.2	2287.1	2317.0	2347.0	2376.9	2369.4	2359.4
75°	2097.6	2122.5	2147.4	2172.4	2197.3	2219.8	2244.7	2267.2	2289.6	2277.1	2264.7
77.5°	1937.9	1935.4	1930.4	1928.0	1923.0	1923.0	1925.5	1925.5	1925.5	1910.5	1895.5
80°	1568.8	1523.9	1479.0	1434.1	1389.2	1336.8	1284.5	1232.1	1179.7	1129.8	1080.0
82.5°	870.4	768.2	668.4	566.2	463.9	421.5	376.6	334.2	289.3	269.4	246.9
85°	274.4	239.4	204.5	169.6	134.7	127.2	119.7	109.7	102.3	94.8	87.3
87.5°	22.4	20.0	20.0	17.5	15.0	12.5	12.5	10.0	7.5	7.5	7.5
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):

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
0°	613.6	613.6	613.6	613.6	613.6	613.6	613.6	613.6	613.6	613.6	613.6
2.5°	606.1	606.1	606.1	606.1	606.1	606.1	606.1	606.1	603.6	603.6	603.6
5°	593.6	593.6	593.6	593.6	593.6	593.6	593.6	591.1	591.1	588.6	583.6
7.5°	511.3	513.8	513.8	511.3	513.8	513.8	511.3	511.3	508.8	506.3	496.3
10°	434.0	446.4	446.4	446.4	446.4	446.4	434.0	421.5	406.5	394.1	391.6
12.5°	369.1	381.6	381.6	381.6	381.6	381.6	369.1	356.7	344.2	331.7	339.2
15°	409.0	426.5	426.5	426.5	426.5	426.5	409.0	391.6	371.6	354.2	344.2
17.5°	359.2	366.6	369.1	369.1	369.1	366.6	359.2	349.2	341.7	331.7	331.7
20°	414.0	434.0	436.5	439.0	436.5	434.0	414.0	396.6	376.6	356.7	344.2
22.5°	346.7	346.7	349.2	349.2	349.2	346.7	346.7	349.2	349.2	349.2	356.7
25°	468.9	481.4	481.4	478.9	481.4	481.4	468.9	453.9	441.5	426.5	406.5
27.5°	531.2	551.2	556.2	558.7	556.2	551.2	531.2	508.8	488.8	466.4	453.9
30°	646.0	660.9	660.9	660.9	660.9	660.9	646.0	631.0	616.0	601.1	571.2
32.5°	673.4	688.4	688.4	688.4	688.4	688.4	673.4	658.4	641.0	626.0	608.6
35°	703.3	718.3	720.8	720.8	720.8	718.3	703.3	690.9	675.9	660.9	641.0
37.5°	745.7	755.7	758.2	760.7	758.2	755.7	745.7	733.3	723.3	710.8	688.4
40°	795.6	805.6	805.6	805.6	805.6	805.6	795.6	788.1	778.2	768.2	743.2
42.5°	858.0	868.0	870.4	872.9	870.4	868.0	858.0	848.0	838.0	828.0	803.1
45°	937.8	950.3	952.8	955.2	952.8	950.3	937.8	927.8	915.3	902.9	872.9
47.5°	1032.6	1042.5	1042.5	1042.5	1042.5	1042.5	1032.6	1022.6	1012.6	1002.6	967.7
50°	1137.3	1142.3	1144.8	1144.8	1144.8	1142.3	1137.3	1132.3	1124.8	1119.9	1075.0
52.5°	1249.6	1252.0	1252.0	1249.6	1252.0	1252.0	1249.6	1247.1	1242.1	1239.6	1187.2
55°	1379.2	1379.2	1376.8	1371.8	1376.8	1379.2	1379.2	1379.2	1376.8	1376.8	1321.9
57.5°	1518.9	1516.4	1516.4	1513.9	1516.4	1516.4	1518.9	1521.4	1523.9	1526.4	1471.5
60°	1663.6	1656.1	1653.6	1648.6	1653.6	1656.1	1663.6	1668.6	1676.0	1681.0	1628.7
62.5°	1800.8	1790.8	1790.8	1790.8	1790.8	1790.8	1800.8	1810.7	1820.7	1830.7	1788.3
65°	1962.9	1952.9	1947.9	1942.9	1947.9	1952.9	1962.9	1972.8	1980.3	1990.3	1957.9
67.5°	2115.0	2102.5	2097.6	2090.1	2097.6	2102.5	2115.0	2127.5	2140.0	2152.4	2127.5
70°	2247.2	2234.7	2232.2	2229.7	2232.2	2234.7	2247.2	2262.2	2274.6	2287.1	2262.2
72.5°	2352.0	2342.0	2339.5	2334.5	2339.5	2342.0	2352.0	2359.4	2369.4	2376.9	2347.0
75°	2252.2	2239.7	2232.2	2222.3	2232.2	2239.7	2252.2	2264.7	2277.1	2289.6	2267.2
77.5°	1880.6	1865.6	1860.6	1853.1	1860.6	1865.6	1880.6	1895.5	1910.5	1925.5	1925.5
80°	1030.1	980.2	967.7	952.8	967.7	980.2	1030.1	1080.0	1129.8	1179.7	1232.1
82.5°	227.0	204.5	197.0	187.1	197.0	204.5	227.0	246.9	269.4	289.3	334.2
85°	77.3	69.8	64.8	59.9	64.8	69.8	77.3	87.3	94.8	102.3	109.7
87.5°	7.5	7.5	7.5	5.0	7.5	7.5	7.5	7.5	7.5	7.5	10.0
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°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
0°	613.6	613.6	613.6	613.6	613.6	613.6	613.6	613.6	613.6	613.6	613.6
2.5°	606.1	606.1	606.1	606.1	603.6	603.6	601.1	601.1	598.6	598.6	596.1
5°	578.6	571.2	566.2	556.2	543.7	533.7	521.3	518.8	516.3	513.8	511.3
7.5°	486.4	473.9	463.9	471.4	476.4	483.9	488.8	491.3	493.8	493.8	496.3
10°	389.1	384.1	381.6	386.6	389.1	394.1	396.6	404.0	411.5	416.5	424.0
12.5°	349.2	356.7	364.1	361.6	359.2	356.7	354.2	359.2	364.1	369.1	374.1
15°	334.2	324.2	314.3	314.3	314.3	311.8	311.8	314.3	319.2	321.7	324.2
17.5°	329.2	329.2	326.7	331.7	339.2	344.2	349.2	336.7	324.2	309.3	296.8
20°	331.7	319.2	306.8	314.3	321.7	326.7	334.2	344.2	351.7	361.6	369.1
22.5°	366.6	374.1	381.6	369.1	354.2	341.7	326.7	339.2	354.2	366.6	379.1
25°	384.1	364.1	341.7	354.2	366.6	379.1	391.6	381.6	371.6	361.6	351.7
27.5°	441.5	429.0	416.5	406.5	399.1	389.1	379.1	391.6	404.0	416.5	429.0
30°	538.7	508.8	476.4	463.9	453.9	441.5	429.0	424.0	419.0	411.5	406.5
32.5°	591.1	573.6	556.2	533.7	508.8	486.4	461.4	461.4	461.4	458.9	458.9
35°	623.5	603.6	583.6	566.2	546.2	528.8	508.8	503.8	498.8	493.8	488.8
37.5°	663.4	641.0	616.0	593.6	573.6	551.2	528.8	528.8	528.8	528.8	528.8
40°	718.3	693.4	668.4	641.0	613.6	586.1	558.7	561.2	566.2	568.7	571.2
42.5°	775.7	750.7	723.3	693.4	665.9	636.0	606.1	608.6	613.6	616.0	618.5
45°	843.0	813.1	783.2	753.2	723.3	693.4	663.4	668.4	670.9	675.9	678.4
47.5°	930.3	895.4	858.0	828.0	798.1	765.7	735.8	743.2	748.2	755.7	760.7
50°	1027.6	982.7	935.3	905.4	875.4	845.5	815.6	825.6	835.5	845.5	855.5
52.5°	1137.3	1084.9	1032.6	1005.1	975.2	947.8	917.8	927.8	940.3	950.3	960.2
55°	1264.5	1209.6	1152.3	1124.8	1097.4	1067.5	1040.0	1055.0	1070.0	1084.9	1099.9
57.5°	1419.2	1364.3	1309.4	1279.5	1252.0	1222.1	1192.2	1212.1	1234.6	1254.5	1274.5
60°	1576.3	1521.4	1469.0	1444.1	1416.7	1391.7	1364.3	1389.2	1416.7	1441.6	1466.5
62.5°	1745.9	1701.0	1658.6	1628.7	1601.2	1571.3	1541.4	1578.8	1616.2	1653.6	1691.0
65°	1925.5	1890.5	1858.1	1828.2	1798.3	1765.8	1735.9	1780.8	1825.7	1870.6	1915.5
67.5°	2105.0	2080.1	2055.2	2020.2	1987.8	1952.9	1918.0	1965.4	2010.3	2057.6	2102.5
70°	2237.2	2212.3	2187.3	2157.4	2127.5	2097.6	2067.6	2110.0	2152.4	2194.8	2237.2
72.5°	2317.0	2287.1	2257.2	2222.3	2189.8	2154.9	2120.0	2172.4	2227.2	2279.6	2332.0
75°	2244.7	2219.8	2197.3	2172.4	2147.4	2122.5	2097.6	2169.9	2239.7	2312.0	2381.9
77.5°	1925.5	1923.0	1923.0	1928.0	1930.4	1935.4	1937.9	2040.2	2140.0	2242.2	2342.0
80°	1284.5	1336.8	1389.2	1434.1	1479.0	1523.9	1568.8	1686.0	1803.2	1918.0	2035.2
82.5°	376.6	421.5	463.9	566.2	668.4	768.2	870.4	1000.1	1132.3	1262.0	1391.7
85°	119.7	127.2	134.7	169.6	204.5	239.4	274.4	326.7	379.1	431.5	483.9
87.5°	12.5	12.5	15.0	17.5	20.0	20.0	22.4	22.4	20.0	20.0	17.5
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):

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
0°	613.6	613.6	613.6	613.6	613.6	613.6	613.6	613.6	613.6	613.6	613.6
2.5°	593.6	591.1	588.6	586.1	583.6	581.1	576.1	573.6	566.2	558.7	551.2
5°	511.3	511.3	511.3	511.3	511.3	511.3	511.3	511.3	511.3	511.3	511.3
7.5°	496.3	498.8	498.8	498.8	496.3	493.8	491.3	488.8	486.4	486.4	483.9
10°	424.0	424.0	421.5	421.5	434.0	448.9	461.4	473.9	478.9	483.9	486.4
12.5°	391.6	409.0	424.0	441.5	451.4	463.9	473.9	483.9	481.4	478.9	476.4
15°	334.2	341.7	351.7	359.2	374.1	389.1	401.6	416.5	434.0	453.9	471.4
17.5°	321.7	346.7	371.6	396.6	409.0	424.0	436.5	448.9	453.9	461.4	466.4
20°	371.6	371.6	374.1	374.1	374.1	371.6	371.6	369.1	399.1	431.5	461.4
22.5°	374.1	369.1	364.1	359.2	381.6	401.6	424.0	444.0	441.5	439.0	436.5
25°	371.6	394.1	414.0	434.0	426.5	421.5	414.0	406.5	434.0	458.9	486.4
27.5°	421.5	416.5	409.0	401.6	416.5	434.0	448.9	463.9	458.9	453.9	446.4
30°	419.0	429.0	441.5	451.4	448.9	448.9	446.4	444.0	471.4	496.3	523.8
32.5°	458.9	461.4	461.4	461.4	478.9	493.8	511.3	526.3	538.7	553.7	566.2
35°	493.8	498.8	501.3	506.3	528.8	551.2	571.2	593.6	618.5	643.5	668.4
37.5°	531.2	536.2	538.7	541.2	566.2	588.6	613.6	636.0	663.4	690.9	715.8
40°	576.1	583.6	588.6	593.6	616.0	638.5	660.9	683.4	713.3	743.2	770.7
42.5°	628.5	636.0	646.0	653.5	678.4	700.8	725.8	748.2	778.2	805.6	835.5
45°	688.4	698.4	705.8	715.8	748.2	778.2	810.6	840.5	868.0	892.9	920.3
47.5°	768.2	773.2	780.7	785.6	820.6	855.5	887.9	922.8	950.3	977.7	1002.6
50°	858.0	858.0	860.5	860.5	905.4	947.8	992.7	1035.1	1060.0	1087.4	1112.4
52.5°	965.2	970.2	972.7	977.7	1022.6	1065.0	1109.9	1152.3	1177.2	1204.7	1229.6
55°	1102.4	1104.9	1104.9	1107.4	1152.3	1197.2	1242.1	1287.0	1311.9	1336.8	1361.8
57.5°	1274.5	1272.0	1272.0	1269.5	1314.4	1359.3	1401.7	1446.6	1471.5	1496.5	1521.4
60°	1459.1	1451.6	1441.6	1434.1	1484.0	1536.4	1586.3	1636.1	1658.6	1681.0	1703.5
62.5°	1676.0	1663.6	1648.6	1633.6	1686.0	1735.9	1788.3	1838.2	1855.6	1870.6	1888.0
65°	1888.0	1860.6	1830.7	1803.2	1863.1	1923.0	1982.8	2042.7	2055.2	2067.6	2077.6
67.5°	2070.1	2037.7	2005.3	1972.8	2042.7	2112.5	2179.9	2249.7	2254.7	2259.7	2264.7
70°	2204.8	2172.4	2140.0	2107.5	2192.3	2277.1	2361.9	2446.7	2449.2	2451.7	2454.2
72.5°	2299.6	2267.2	2232.2	2199.8	2287.1	2371.9	2459.2	2544.0	2551.5	2556.5	2564.0
75°	2334.5	2287.1	2239.7	2192.3	2269.6	2344.5	2421.8	2496.6	2489.1	2481.6	2471.7
77.5°	2257.2	2172.4	2087.6	2002.8	2040.2	2077.6	2112.5	2149.9	2110.0	2067.6	2027.7
80°	1913.0	1793.3	1671.1	1548.8	1523.9	1499.0	1471.5	1446.6	1371.8	1296.9	1219.6
82.5°	1269.5	1149.8	1027.6	905.4	828.0	753.2	675.9	598.6	531.2	463.9	394.1
85°	421.5	359.2	296.8	234.4	209.5	187.1	162.1	137.2	127.2	117.2	107.2
87.5°	20.0	22.4	22.4	24.9	22.4	22.4	20.0	17.5	15.0	15.0	12.5
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):

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
0°	613.6	613.6	613.6	613.6	613.6	613.6	613.6	613.6	613.6	613.6	613.6
2.5°	543.7	543.7	546.2	546.2	546.2	546.2	543.7	546.2	546.2	546.2	546.2
5°	511.3	511.3	513.8	513.8	513.8	513.8	513.8	513.8	513.8	513.8	513.8
7.5°	481.4	473.9	463.9	456.4	446.4	444.0	439.0	444.0	446.4	456.4	463.9
10°	491.3	491.3	493.8	493.8	493.8	493.8	493.8	493.8	493.8	493.8	493.8
12.5°	473.9	463.9	451.4	441.5	429.0	431.5	434.0	431.5	429.0	441.5	451.4
15°	488.8	491.3	493.8	496.3	498.8	498.8	498.8	498.8	498.8	496.3	493.8
17.5°	471.4	461.4	448.9	439.0	426.5	426.5	424.0	426.5	426.5	439.0	448.9
20°	491.3	496.3	501.3	503.8	508.8	508.8	508.8	508.8	508.8	503.8	501.3
22.5°	434.0	434.0	434.0	431.5	431.5	431.5	431.5	431.5	431.5	431.5	434.0
25°	511.3	516.3	521.3	523.8	528.8	528.8	526.3	528.8	528.8	523.8	521.3
27.5°	441.5	444.0	448.9	451.4	453.9	453.9	453.9	453.9	453.9	451.4	448.9
30°	548.7	551.2	553.7	553.7	556.2	556.2	556.2	556.2	556.2	553.7	553.7
32.5°	578.6	601.1	626.0	648.5	670.9	673.4	675.9	673.4	670.9	648.5	626.0
35°	693.4	698.4	705.8	710.8	715.8	718.3	718.3	718.3	715.8	710.8	705.8
37.5°	743.2	748.2	750.7	755.7	758.2	760.7	760.7	760.7	758.2	755.7	750.7
40°	800.6	805.6	808.1	813.1	815.6	815.6	813.1	815.6	815.6	813.1	808.1
42.5°	863.0	865.5	870.4	872.9	875.4	877.9	877.9	877.9	875.4	872.9	870.4
45°	945.3	947.8	950.3	950.3	952.8	955.2	955.2	955.2	952.8	950.3	950.3
47.5°	1030.1	1035.1	1037.6	1042.5	1045.0	1047.5	1050.0	1047.5	1045.0	1042.5	1037.6
50°	1137.3	1139.8	1144.8	1147.3	1149.8	1149.8	1149.8	1149.8	1149.8	1147.3	1144.8
52.5°	1254.5	1257.0	1257.0	1259.5	1259.5	1259.5	1257.0	1259.5	1259.5	1259.5	1257.0
55°	1386.7	1386.7	1386.7	1384.2	1384.2	1384.2	1384.2	1384.2	1384.2	1384.2	1386.7
57.5°	1546.4	1546.4	1546.4	1546.4	1546.4	1538.9	1528.9	1538.9	1546.4	1546.4	1546.4
60°	1725.9	1720.9	1713.5	1708.5	1701.0	1698.5	1696.0	1698.5	1701.0	1708.5	1713.5
62.5°	1903.0	1895.5	1885.6	1878.1	1868.1	1865.6	1860.6	1865.6	1868.1	1878.1	1885.6
65°	2090.1	2077.6	2065.1	2050.2	2037.7	2035.2	2030.2	2035.2	2037.7	2050.2	2065.1
67.5°	2269.6	2257.2	2244.7	2229.7	2217.3	2214.8	2209.8	2214.8	2217.3	2229.7	2244.7
70°	2456.7	2444.2	2431.8	2416.8	2404.3	2404.3	2401.8	2404.3	2404.3	2416.8	2431.8
72.5°	2568.9	2556.5	2546.5	2534.0	2521.6	2514.1	2506.6	2514.1	2521.6	2534.0	2546.5
75°	2464.2	2444.2	2424.3	2401.8	2381.9	2376.9	2371.9	2376.9	2381.9	2401.8	2424.3
77.5°	1985.3	1965.4	1942.9	1923.0	1900.5	1880.6	1858.1	1880.6	1900.5	1923.0	1942.9
80°	1144.8	1094.9	1045.0	995.2	945.3	932.8	920.3	932.8	945.3	995.2	1045.0
82.5°	326.7	301.8	274.4	249.4	222.0	222.0	222.0	222.0	222.0	249.4	274.4
85°	97.3	84.8	74.8	62.4	49.9	47.4	44.9	47.4	49.9	62.4	74.8
87.5°	10.0	10.0	10.0	7.5	7.5	7.5	7.5	7.5	7.5	7.5	10.0
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):

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
0°	613.6	613.6	613.6	613.6	613.6	613.6	613.6	613.6	613.6	613.6	613.6
2.5°	543.7	543.7	551.2	558.7	566.2	573.6	576.1	581.1	583.6	586.1	588.6
5°	511.3	511.3	511.3	511.3	511.3	511.3	511.3	511.3	511.3	511.3	511.3
7.5°	473.9	481.4	483.9	486.4	486.4	488.8	491.3	493.8	496.3	498.8	498.8
10°	491.3	491.3	486.4	483.9	478.9	473.9	461.4	448.9	434.0	421.5	421.5
12.5°	463.9	473.9	476.4	478.9	481.4	483.9	473.9	463.9	451.4	441.5	424.0
15°	491.3	488.8	471.4	453.9	434.0	416.5	401.6	389.1	374.1	359.2	351.7
17.5°	461.4	471.4	466.4	461.4	453.9	448.9	436.5	424.0	409.0	396.6	371.6
20°	496.3	491.3	461.4	431.5	399.1	369.1	371.6	371.6	374.1	374.1	374.1
22.5°	434.0	434.0	436.5	439.0	441.5	444.0	424.0	401.6	381.6	359.2	364.1
25°	516.3	511.3	486.4	458.9	434.0	406.5	414.0	421.5	426.5	434.0	414.0
27.5°	444.0	441.5	446.4	453.9	458.9	463.9	448.9	434.0	416.5	401.6	409.0
30°	551.2	548.7	523.8	496.3	471.4	444.0	446.4	448.9	448.9	451.4	441.5
32.5°	601.1	578.6	566.2	553.7	538.7	526.3	511.3	493.8	478.9	461.4	461.4
35°	698.4	693.4	668.4	643.5	618.5	593.6	571.2	551.2	528.8	506.3	501.3
37.5°	748.2	743.2	715.8	690.9	663.4	636.0	613.6	588.6	566.2	541.2	538.7
40°	805.6	800.6	770.7	743.2	713.3	683.4	660.9	638.5	616.0	593.6	588.6
42.5°	865.5	863.0	835.5	805.6	778.2	748.2	725.8	700.8	678.4	653.5	646.0
45°	947.8	945.3	920.3	892.9	868.0	840.5	810.6	778.2	748.2	715.8	705.8
47.5°	1035.1	1030.1	1002.6	977.7	950.3	922.8	887.9	855.5	820.6	785.6	780.7
50°	1139.8	1137.3	1112.4	1087.4	1060.0	1035.1	992.7	947.8	905.4	860.5	860.5
52.5°	1257.0	1254.5	1229.6	1204.7	1177.2	1152.3	1109.9	1065.0	1022.6	977.7	972.7
55°	1386.7	1386.7	1361.8	1336.8	1311.9	1287.0	1242.1	1197.2	1152.3	1107.4	1104.9
57.5°	1546.4	1546.4	1521.4	1496.5	1471.5	1446.6	1401.7	1359.3	1314.4	1269.5	1272.0
60°	1720.9	1725.9	1703.5	1681.0	1658.6	1636.1	1586.3	1536.4	1484.0	1434.1	1441.6
62.5°	1895.5	1903.0	1888.0	1870.6	1855.6	1838.2	1788.3	1735.9	1686.0	1633.6	1648.6
65°	2077.6	2090.1	2077.6	2067.6	2055.2	2042.7	1982.8	1923.0	1863.1	1803.2	1830.7
67.5°	2257.2	2269.6	2264.7	2259.7	2254.7	2249.7	2179.9	2112.5	2042.7	1972.8	2005.3
70°	2444.2	2456.7	2454.2	2451.7	2449.2	2446.7	2361.9	2277.1	2192.3	2107.5	2140.0
72.5°	2556.5	2568.9	2564.0	2556.5	2551.5	2544.0	2459.2	2371.9	2287.1	2199.8	2232.2
75°	2444.2	2464.2	2471.7	2481.6	2489.1	2496.6	2421.8	2344.5	2269.6	2192.3	2239.7
77.5°	1965.4	1985.3	2027.7	2067.6	2110.0	2149.9	2112.5	2077.6	2040.2	2002.8	2087.6
80°	1094.9	1144.8	1219.6	1296.9	1371.8	1446.6	1471.5	1499.0	1523.9	1548.8	1671.1
82.5°	301.8	326.7	394.1	463.9	531.2	598.6	675.9	753.2	828.0	905.4	1027.6
85°	84.8	97.3	107.2	117.2	127.2	137.2	162.1	187.1	209.5	234.4	296.8
87.5°	10.0	10.0	12.5	15.0	15.0	17.5	20.0	22.4	22.4	24.9	22.4
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):

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
0°	613.6	613.6	613.6	613.6	613.6	613.6	613.6	613.6	613.6	613.6	613.6
2.5°	591.1	593.6	596.1	598.6	598.6	601.1	601.1	603.6	603.6	606.1	606.1
5°	511.3	511.3	511.3	513.8	516.3	518.8	521.3	533.7	543.7	556.2	566.2
7.5°	498.8	496.3	496.3	493.8	493.8	491.3	488.8	483.9	476.4	471.4	463.9
10°	424.0	424.0	424.0	416.5	411.5	404.0	396.6	394.1	389.1	386.6	381.6
12.5°	409.0	391.6	374.1	369.1	364.1	359.2	354.2	356.7	359.2	361.6	364.1
15°	341.7	334.2	324.2	321.7	319.2	314.3	311.8	311.8	314.3	314.3	314.3
17.5°	346.7	321.7	296.8	309.3	324.2	336.7	349.2	344.2	339.2	331.7	326.7
20°	371.6	371.6	369.1	361.6	351.7	344.2	334.2	326.7	321.7	314.3	306.8
22.5°	369.1	374.1	379.1	366.6	354.2	339.2	326.7	341.7	354.2	369.1	381.6
25°	394.1	371.6	351.7	361.6	371.6	381.6	391.6	379.1	366.6	354.2	341.7
27.5°	416.5	421.5	429.0	416.5	404.0	391.6	379.1	389.1	399.1	406.5	416.5
30°	429.0	419.0	406.5	411.5	419.0	424.0	429.0	441.5	453.9	463.9	476.4
32.5°	461.4	458.9	458.9	458.9	461.4	461.4	461.4	486.4	508.8	533.7	556.2
35°	498.8	493.8	488.8	493.8	498.8	503.8	508.8	528.8	546.2	566.2	583.6
37.5°	536.2	531.2	528.8	528.8	528.8	528.8	528.8	551.2	573.6	593.6	616.0
40°	583.6	576.1	571.2	568.7	566.2	561.2	558.7	586.1	613.6	641.0	668.4
42.5°	636.0	628.5	618.5	616.0	613.6	608.6	606.1	636.0	665.9	693.4	723.3
45°	698.4	688.4	678.4	675.9	670.9	668.4	663.4	693.4	723.3	753.2	783.2
47.5°	773.2	768.2	760.7	755.7	748.2	743.2	735.8	765.7	798.1	828.0	858.0
50°	858.0	858.0	855.5	845.5	835.5	825.6	815.6	845.5	875.4	905.4	935.3
52.5°	970.2	965.2	960.2	950.3	940.3	927.8	917.8	947.8	975.2	1005.1	1032.6
55°	1104.9	1102.4	1099.9	1084.9	1070.0	1055.0	1040.0	1067.5	1097.4	1124.8	1152.3
57.5°	1272.0	1274.5	1274.5	1254.5	1234.6	1212.1	1192.2	1222.1	1252.0	1279.5	1309.4
60°	1451.6	1459.1	1466.5	1441.6	1416.7	1389.2	1364.3	1391.7	1416.7	1444.1	1469.0
62.5°	1663.6	1676.0	1691.0	1653.6	1616.2	1578.8	1541.4	1571.3	1601.2	1628.7	1658.6
65°	1860.6	1888.0	1915.5	1870.6	1825.7	1780.8	1735.9	1765.8	1798.3	1828.2	1858.1
67.5°	2037.7	2070.1	2102.5	2057.6	2010.3	1965.4	1918.0	1952.9	1987.8	2020.2	2055.2
70°	2172.4	2204.8	2237.2	2194.8	2152.4	2110.0	2067.6	2097.6	2127.5	2157.4	2187.3
72.5°	2267.2	2299.6	2332.0	2279.6	2227.2	2172.4	2120.0	2154.9	2189.8	2222.3	2257.2
75°	2287.1	2334.5	2381.9	2312.0	2239.7	2169.9	2097.6	2122.5	2147.4	2172.4	2197.3
77.5°	2172.4	2257.2	2342.0	2242.2	2140.0	2040.2	1937.9	1935.4	1930.4	1928.0	1923.0
80°	1793.3	1913.0	2035.2	1918.0	1803.2	1686.0	1568.8	1523.9	1479.0	1434.1	1389.2
82.5°	1149.8	1269.5	1391.7	1262.0	1132.3	1000.1	870.4	768.2	668.4	566.2	463.9
85°	359.2	421.5	483.9	431.5	379.1	326.7	274.4	239.4	204.5	169.6	134.7
87.5°	22.4	20.0	17.5	20.0	20.0	22.4	22.4	20.0	20.0	17.5	15.0
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):

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
0°	613.6	613.6	613.6	613.6	613.6	613.6	613.6	613.6	613.6	613.6	613.6
2.5°	606.1	606.1	603.6	603.6	603.6	606.1	606.1	606.1	606.1	606.1	606.1
5°	571.2	578.6	583.6	588.6	591.1	591.1	593.6	593.6	593.6	593.6	593.6
7.5°	473.9	486.4	496.3	506.3	508.8	511.3	511.3	513.8	513.8	511.3	513.8
10°	384.1	389.1	391.6	394.1	406.5	421.5	434.0	446.4	446.4	446.4	446.4
12.5°	356.7	349.2	339.2	331.7	344.2	356.7	369.1	381.6	381.6	381.6	381.6
15°	324.2	334.2	344.2	354.2	371.6	391.6	409.0	426.5	426.5	426.5	426.5
17.5°	329.2	329.2	331.7	331.7	341.7	349.2	359.2	366.6	369.1	369.1	369.1
20°	319.2	331.7	344.2	356.7	376.6	396.6	414.0	434.0	436.5	439.0	436.5
22.5°	374.1	366.6	356.7	349.2	349.2	349.2	346.7	346.7	349.2	349.2	349.2
25°	364.1	384.1	406.5	426.5	441.5	453.9	468.9	481.4	481.4	478.9	481.4
27.5°	429.0	441.5	453.9	466.4	488.8	508.8	531.2	551.2	556.2	558.7	556.2
30°	508.8	538.7	571.2	601.1	616.0	631.0	646.0	660.9	660.9	660.9	660.9
32.5°	573.6	591.1	608.6	626.0	641.0	658.4	673.4	688.4	688.4	688.4	688.4
35°	603.6	623.5	641.0	660.9	675.9	690.9	703.3	718.3	720.8	720.8	720.8
37.5°	641.0	663.4	688.4	710.8	723.3	733.3	745.7	755.7	758.2	760.7	758.2
40°	693.4	718.3	743.2	768.2	778.2	788.1	795.6	805.6	805.6	805.6	805.6
42.5°	750.7	775.7	803.1	828.0	838.0	848.0	858.0	868.0	870.4	872.9	870.4
45°	813.1	843.0	872.9	902.9	915.3	927.8	937.8	950.3	952.8	955.2	952.8
47.5°	895.4	930.3	967.7	1002.6	1012.6	1022.6	1032.6	1042.5	1042.5	1042.5	1042.5
50°	982.7	1027.6	1075.0	1119.9	1124.8	1132.3	1137.3	1142.3	1144.8	1144.8	1144.8
52.5°	1084.9	1137.3	1187.2	1239.6	1242.1	1247.1	1249.6	1252.0	1252.0	1249.6	1252.0
55°	1209.6	1264.5	1321.9	1376.8	1376.8	1379.2	1379.2	1379.2	1376.8	1371.8	1376.8
57.5°	1364.3	1419.2	1471.5	1526.4	1523.9	1521.4	1518.9	1516.4	1516.4	1513.9	1516.4
60°	1521.4	1576.3	1628.7	1681.0	1676.0	1668.6	1663.6	1656.1	1653.6	1648.6	1653.6
62.5°	1701.0	1745.9	1788.3	1830.7	1820.7	1810.7	1800.8	1790.8	1790.8	1790.8	1790.8
65°	1890.5	1925.5	1957.9	1990.3	1980.3	1972.8	1962.9	1952.9	1947.9	1942.9	1947.9
67.5°	2080.1	2105.0	2127.5	2152.4	2140.0	2127.5	2115.0	2102.5	2097.6	2090.1	2097.6
70°	2212.3	2237.2	2262.2	2287.1	2274.6	2262.2	2247.2	2234.7	2232.2	2229.7	2232.2
72.5°	2287.1	2317.0	2347.0	2376.9	2369.4	2359.4	2352.0	2342.0	2339.5	2334.5	2339.5
75°	2219.8	2244.7	2267.2	2289.6	2277.1	2264.7	2252.2	2239.7	2232.2	2222.3	2232.2
77.5°	1923.0	1925.5	1925.5	1925.5	1910.5	1895.5	1880.6	1865.6	1860.6	1853.1	1860.6
80°	1336.8	1284.5	1232.1	1179.7	1129.8	1080.0	1030.1	980.2	967.7	952.8	967.7
82.5°	421.5	376.6	334.2	289.3	269.4	246.9	227.0	204.5	197.0	187.1	197.0
85°	127.2	119.7	109.7	102.3	94.8	87.3	77.3	69.8	64.8	59.9	64.8
87.5°	12.5	12.5	10.0	7.5	7.5	7.5	7.5	7.5	7.5	5.0	7.5
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):

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
0°	613.6	613.6	613.6	613.6	613.6	613.6	613.6	613.6	613.6	613.6	613.6
2.5°	606.1	606.1	606.1	603.6	603.6	603.6	606.1	606.1	606.1	606.1	603.6
5°	593.6	593.6	591.1	591.1	588.6	583.6	578.6	571.2	566.2	556.2	543.7
7.5°	513.8	511.3	511.3	508.8	506.3	496.3	486.4	473.9	463.9	471.4	476.4
10°	446.4	434.0	421.5	406.5	394.1	391.6	389.1	384.1	381.6	386.6	389.1
12.5°	381.6	369.1	356.7	344.2	331.7	339.2	349.2	356.7	364.1	361.6	359.2
15°	426.5	409.0	391.6	371.6	354.2	344.2	334.2	324.2	314.3	314.3	314.3
17.5°	366.6	359.2	349.2	341.7	331.7	331.7	329.2	329.2	326.7	331.7	339.2
20°	434.0	414.0	396.6	376.6	356.7	344.2	331.7	319.2	306.8	314.3	321.7
22.5°	346.7	346.7	349.2	349.2	349.2	356.7	366.6	374.1	381.6	369.1	354.2
25°	481.4	468.9	453.9	441.5	426.5	406.5	384.1	364.1	341.7	354.2	366.6
27.5°	551.2	531.2	508.8	488.8	466.4	453.9	441.5	429.0	416.5	406.5	399.1
30°	660.9	646.0	631.0	616.0	601.1	571.2	538.7	508.8	476.4	463.9	453.9
32.5°	688.4	673.4	658.4	641.0	626.0	608.6	591.1	573.6	556.2	533.7	508.8
35°	718.3	703.3	690.9	675.9	660.9	641.0	623.5	603.6	583.6	566.2	546.2
37.5°	755.7	745.7	733.3	723.3	710.8	688.4	663.4	641.0	616.0	593.6	573.6
40°	805.6	795.6	788.1	778.2	768.2	743.2	718.3	693.4	668.4	641.0	613.6
42.5°	868.0	858.0	848.0	838.0	828.0	803.1	775.7	750.7	723.3	693.4	665.9
45°	950.3	937.8	927.8	915.3	902.9	872.9	843.0	813.1	783.2	753.2	723.3
47.5°	1042.5	1032.6	1022.6	1012.6	1002.6	967.7	930.3	895.4	858.0	828.0	798.1
50°	1142.3	1137.3	1132.3	1124.8	1119.9	1075.0	1027.6	982.7	935.3	905.4	875.4
52.5°	1252.0	1249.6	1247.1	1242.1	1239.6	1187.2	1137.3	1084.9	1032.6	1005.1	975.2
55°	1379.2	1379.2	1379.2	1376.8	1376.8	1321.9	1264.5	1209.6	1152.3	1124.8	1097.4
57.5°	1516.4	1518.9	1521.4	1523.9	1526.4	1471.5	1419.2	1364.3	1309.4	1279.5	1252.0
60°	1656.1	1663.6	1668.6	1676.0	1681.0	1628.7	1576.3	1521.4	1469.0	1444.1	1416.7
62.5°	1790.8	1800.8	1810.7	1820.7	1830.7	1788.3	1745.9	1701.0	1658.6	1628.7	1601.2
65°	1952.9	1962.9	1972.8	1980.3	1990.3	1957.9	1925.5	1890.5	1858.1	1828.2	1798.3
67.5°	2102.5	2115.0	2127.5	2140.0	2152.4	2127.5	2105.0	2080.1	2055.2	2020.2	1987.8
70°	2234.7	2247.2	2262.2	2274.6	2287.1	2262.2	2237.2	2212.3	2187.3	2157.4	2127.5
72.5°	2342.0	2352.0	2359.4	2369.4	2376.9	2347.0	2317.0	2287.1	2257.2	2222.3	2189.8
75°	2239.7	2252.2	2264.7	2277.1	2289.6	2267.2	2244.7	2219.8	2197.3	2172.4	2147.4
77.5°	1865.6	1880.6	1895.5	1910.5	1925.5	1925.5	1925.5	1923.0	1923.0	1928.0	1930.4
80°	980.2	1030.1	1080.0	1129.8	1179.7	1232.1	1284.5	1336.8	1389.2	1434.1	1479.0
82.5°	204.5	227.0	246.9	269.4	289.3	334.2	376.6	421.5	463.9	566.2	668.4
85°	69.8	77.3	87.3	94.8	102.3	109.7	119.7	127.2	134.7	169.6	204.5
87.5°	7.5	7.5	7.5	7.5	7.5	10.0	12.5	12.5	15.0	17.5	20.0
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):

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
0°	613.6	613.6	613.6	613.6	613.6	613.6	613.6	613.6	613.6	613.6	613.6
2.5°	603.6	601.1	601.1	598.6	598.6	596.1	593.6	591.1	588.6	586.1	583.6
5°	533.7	521.3	518.8	516.3	513.8	511.3	511.3	511.3	511.3	511.3	511.3
7.5°	483.9	488.8	491.3	493.8	493.8	496.3	496.3	498.8	498.8	498.8	496.3
10°	394.1	396.6	404.0	411.5	416.5	424.0	424.0	424.0	421.5	421.5	434.0
12.5°	356.7	354.2	359.2	364.1	369.1	374.1	391.6	409.0	424.0	441.5	451.4
15°	311.8	311.8	314.3	319.2	321.7	324.2	334.2	341.7	351.7	359.2	374.1
17.5°	344.2	349.2	336.7	324.2	309.3	296.8	321.7	346.7	371.6	396.6	409.0
20°	326.7	334.2	344.2	351.7	361.6	369.1	371.6	371.6	374.1	374.1	374.1
22.5°	341.7	326.7	339.2	354.2	366.6	379.1	374.1	369.1	364.1	359.2	381.6
25°	379.1	391.6	381.6	371.6	361.6	351.7	371.6	394.1	414.0	434.0	426.5
27.5°	389.1	379.1	391.6	404.0	416.5	429.0	421.5	416.5	409.0	401.6	416.5
30°	441.5	429.0	424.0	419.0	411.5	406.5	419.0	429.0	441.5	451.4	448.9
32.5°	486.4	461.4	461.4	461.4	458.9	458.9	458.9	461.4	461.4	461.4	478.9
35°	528.8	508.8	503.8	498.8	493.8	488.8	493.8	498.8	501.3	506.3	528.8
37.5°	551.2	528.8	528.8	528.8	528.8	528.8	531.2	536.2	538.7	541.2	566.2
40°	586.1	558.7	561.2	566.2	568.7	571.2	576.1	583.6	588.6	593.6	616.0
42.5°	636.0	606.1	608.6	613.6	616.0	618.5	628.5	636.0	646.0	653.5	678.4
45°	693.4	663.4	668.4	670.9	675.9	678.4	688.4	698.4	705.8	715.8	748.2
47.5°	765.7	735.8	743.2	748.2	755.7	760.7	768.2	773.2	780.7	785.6	820.6
50°	845.5	815.6	825.6	835.5	845.5	855.5	858.0	858.0	860.5	860.5	905.4
52.5°	947.8	917.8	927.8	940.3	950.3	960.2	965.2	970.2	972.7	977.7	1022.6
55°	1067.5	1040.0	1055.0	1070.0	1084.9	1099.9	1102.4	1104.9	1104.9	1107.4	1152.3
57.5°	1222.1	1192.2	1212.1	1234.6	1254.5	1274.5	1274.5	1272.0	1272.0	1269.5	1314.4
60°	1391.7	1364.3	1389.2	1416.7	1441.6	1466.5	1459.1	1451.6	1441.6	1434.1	1484.0
62.5°	1571.3	1541.4	1578.8	1616.2	1653.6	1691.0	1676.0	1663.6	1648.6	1633.6	1686.0
65°	1765.8	1735.9	1780.8	1825.7	1870.6	1915.5	1888.0	1860.6	1830.7	1803.2	1863.1
67.5°	1952.9	1918.0	1965.4	2010.3	2057.6	2102.5	2070.1	2037.7	2005.3	1972.8	2042.7
70°	2097.6	2067.6	2110.0	2152.4	2194.8	2237.2	2204.8	2172.4	2140.0	2107.5	2192.3
72.5°	2154.9	2120.0	2172.4	2227.2	2279.6	2332.0	2299.6	2267.2	2232.2	2199.8	2287.1
75°	2122.5	2097.6	2169.9	2239.7	2312.0	2381.9	2334.5	2287.1	2239.7	2192.3	2269.6
77.5°	1935.4	1937.9	2040.2	2140.0	2242.2	2342.0	2257.2	2172.4	2087.6	2002.8	2040.2
80°	1523.9	1568.8	1686.0	1803.2	1918.0	2035.2	1913.0	1793.3	1671.1	1548.8	1523.9
82.5°	768.2	870.4	1000.1	1132.3	1262.0	1391.7	1269.5	1149.8	1027.6	905.4	828.0
85°	239.4	274.4	326.7	379.1	431.5	483.9	421.5	359.2	296.8	234.4	209.5
87.5°	20.0	22.4	22.4	20.0	20.0	17.5	20.0	22.4	22.4	24.9	22.4
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):

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
0°	613.6	613.6	613.6	613.6	613.6	613.6	613.6	613.6	613.6	613.6	613.6
2.5°	581.1	576.1	573.6	566.2	558.7	551.2	543.7	543.7	546.2	546.2	546.2
5°	511.3	511.3	511.3	511.3	511.3	511.3	511.3	511.3	513.8	513.8	513.8
7.5°	493.8	491.3	488.8	486.4	486.4	483.9	481.4	473.9	463.9	456.4	446.4
10°	448.9	461.4	473.9	478.9	483.9	486.4	491.3	491.3	493.8	493.8	493.8
12.5°	463.9	473.9	483.9	481.4	478.9	476.4	473.9	463.9	451.4	441.5	429.0
15°	389.1	401.6	416.5	434.0	453.9	471.4	488.8	491.3	493.8	496.3	498.8
17.5°	424.0	436.5	448.9	453.9	461.4	466.4	471.4	461.4	448.9	439.0	426.5
20°	371.6	371.6	369.1	399.1	431.5	461.4	491.3	496.3	501.3	503.8	508.8
22.5°	401.6	424.0	444.0	441.5	439.0	436.5	434.0	434.0	434.0	431.5	431.5
25°	421.5	414.0	406.5	434.0	458.9	486.4	511.3	516.3	521.3	523.8	528.8
27.5°	434.0	448.9	463.9	458.9	453.9	446.4	441.5	444.0	448.9	451.4	453.9
30°	448.9	446.4	444.0	471.4	496.3	523.8	548.7	551.2	553.7	553.7	556.2
32.5°	493.8	511.3	526.3	538.7	553.7	566.2	578.6	601.1	626.0	648.5	670.9
35°	551.2	571.2	593.6	618.5	643.5	668.4	693.4	698.4	705.8	710.8	715.8
37.5°	588.6	613.6	636.0	663.4	690.9	715.8	743.2	748.2	750.7	755.7	758.2
40°	638.5	660.9	683.4	713.3	743.2	770.7	800.6	805.6	808.1	813.1	815.6
42.5°	700.8	725.8	748.2	778.2	805.6	835.5	863.0	865.5	870.4	872.9	875.4
45°	778.2	810.6	840.5	868.0	892.9	920.3	945.3	947.8	950.3	950.3	952.8
47.5°	855.5	887.9	922.8	950.3	977.7	1002.6	1030.1	1035.1	1037.6	1042.5	1045.0
50°	947.8	992.7	1035.1	1060.0	1087.4	1112.4	1137.3	1139.8	1144.8	1147.3	1149.8
52.5°	1065.0	1109.9	1152.3	1177.2	1204.7	1229.6	1254.5	1257.0	1257.0	1259.5	1259.5
55°	1197.2	1242.1	1287.0	1311.9	1336.8	1361.8	1386.7	1386.7	1386.7	1384.2	1384.2
57.5°	1359.3	1401.7	1446.6	1471.5	1496.5	1521.4	1546.4	1546.4	1546.4	1546.4	1546.4
60°	1536.4	1586.3	1636.1	1658.6	1681.0	1703.5	1725.9	1720.9	1713.5	1708.5	1701.0
62.5°	1735.9	1788.3	1838.2	1855.6	1870.6	1888.0	1903.0	1895.5	1885.6	1878.1	1868.1
65°	1923.0	1982.8	2042.7	2055.2	2067.6	2077.6	2090.1	2077.6	2065.1	2050.2	2037.7
67.5°	2112.5	2179.9	2249.7	2254.7	2259.7	2264.7	2269.6	2257.2	2244.7	2229.7	2217.3
70°	2277.1	2361.9	2446.7	2449.2	2451.7	2454.2	2456.7	2444.2	2431.8	2416.8	2404.3
72.5°	2371.9	2459.2	2544.0	2551.5	2556.5	2564.0	2568.9	2556.5	2546.5	2534.0	2521.6
75°	2344.5	2421.8	2496.6	2489.1	2481.6	2471.7	2464.2	2444.2	2424.3	2401.8	2381.9
77.5°	2077.6	2112.5	2149.9	2110.0	2067.6	2027.7	1985.3	1965.4	1942.9	1923.0	1900.5
80°	1499.0	1471.5	1446.6	1371.8	1296.9	1219.6	1144.8	1094.9	1045.0	995.2	945.3
82.5°	753.2	675.9	598.6	531.2	463.9	394.1	326.7	301.8	274.4	249.4	222.0
85°	187.1	162.1	137.2	127.2	117.2	107.2	97.3	84.8	74.8	62.4	49.9
87.5°	22.4	20.0	17.5	15.0	15.0	12.5	10.0	10.0	10.0	7.5	7.5
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):

	357.5°	360°
0°	613.6	613.6
2.5°	546.2	543.7
5°	513.8	513.8
7.5°	444.0	439.0
10°	493.8	493.8
12.5°	431.5	434.0
15°	498.8	498.8
17.5°	426.5	424.0
20°	508.8	508.8
22.5°	431.5	431.5
25°	528.8	526.3
27.5°	453.9	453.9
30°	556.2	556.2
32.5°	673.4	675.9
35°	718.3	718.3
37.5°	760.7	760.7
40°	815.6	813.1
42.5°	877.9	877.9
45°	955.2	955.2
47.5°	1047.5	1050.0
50°	1149.8	1149.8
52.5°	1259.5	1257.0
55°	1384.2	1384.2
57.5°	1538.9	1528.9
60°	1698.5	1696.0
62.5°	1865.6	1860.6
65°	2035.2	2030.2
67.5°	2214.8	2209.8
70°	2404.3	2401.8
72.5°	2514.1	2506.6
75°	2376.9	2371.9
77.5°	1880.6	1858.1
80°	932.8	920.3
82.5°	222.0	222.0
85°	47.4	44.9
87.5°	7.5	7.5
90°	0.0	0.0

(END OF REPORT)