Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

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: P560573

Luminaire Tested: **SDL-PA1-50-750-U-5WQ**

Issue Date: 7/26/2021

Test Information

Test Method:	LM-79-08
Report Number:	P560573
	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-PA1-50-750-U-5WQ
Description:	Springdale
	(1) 70 CRI, 5000K, 670mA LIGHT ENGINE WITH 24 LEDS AND TYPE V WIDE OPTICS
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	6647 lumens
Efficiency:	N/A
Efficacy:	126.9 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):	52.4
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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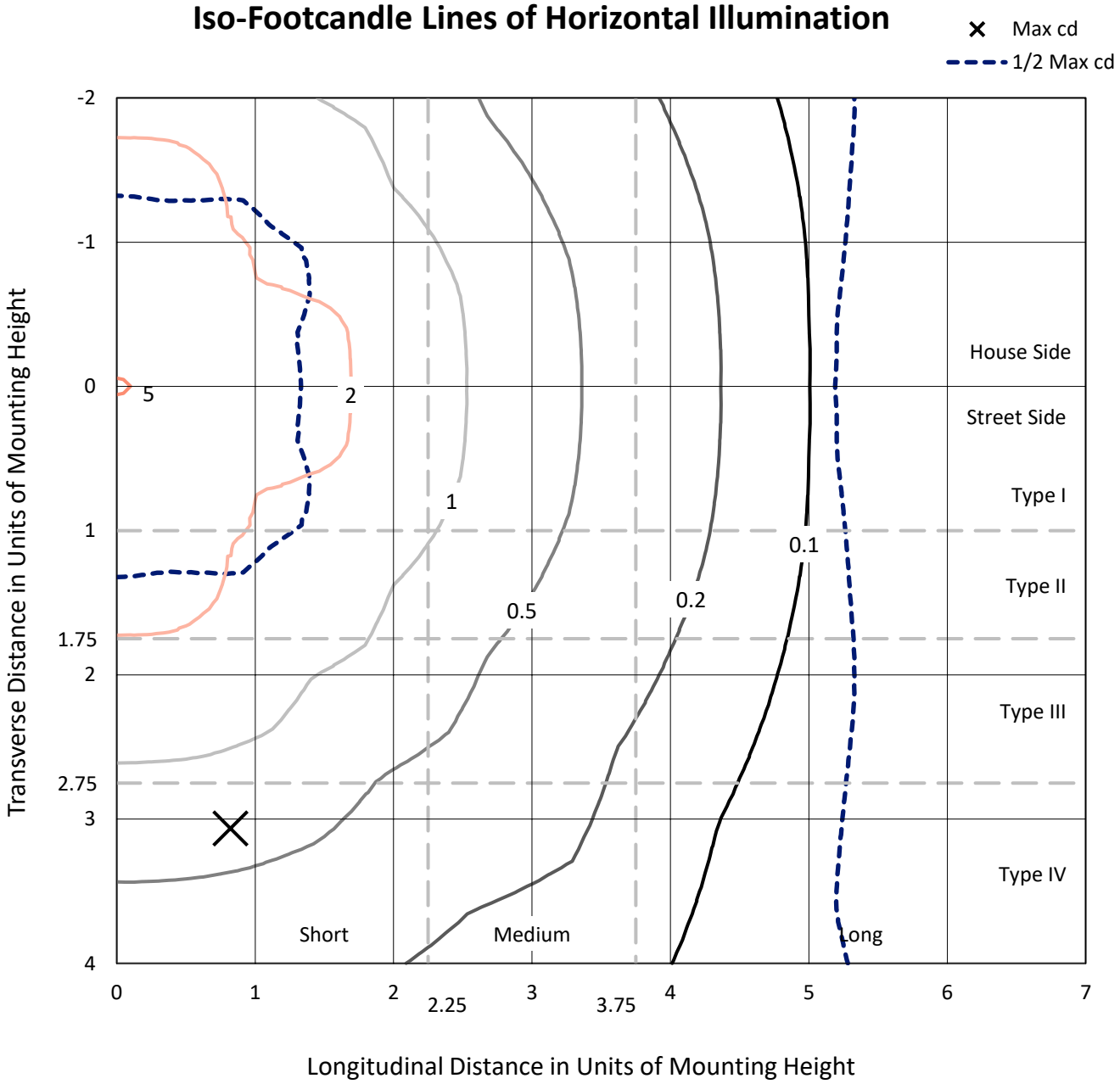
Iso-Footcandle Lines of Horizontal Illumination



Based on 10 foot mounting height. Maximum calculated value = 5.8 fc
Type V - Short - N/A

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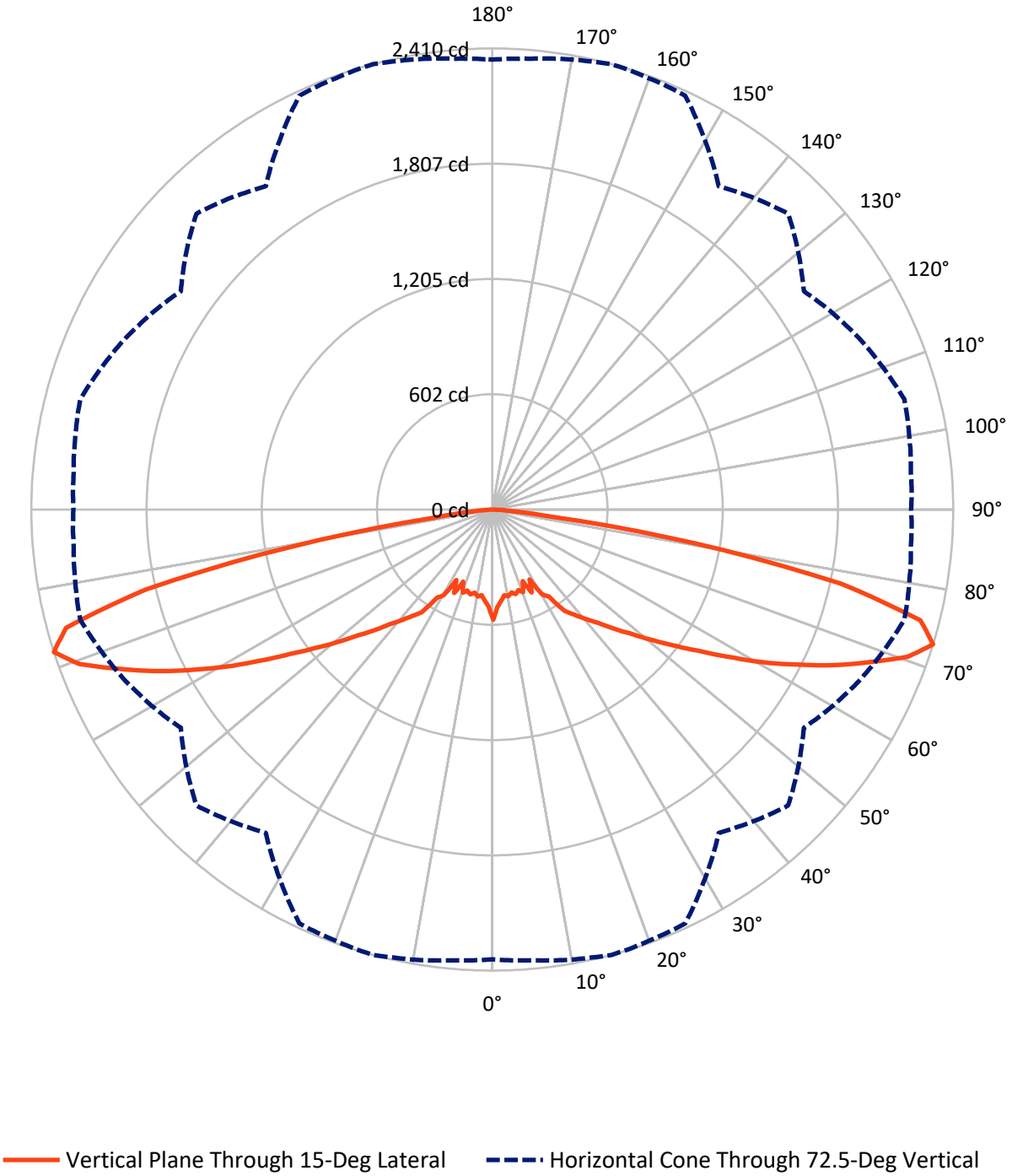
Luminous Intensity Polar Plot



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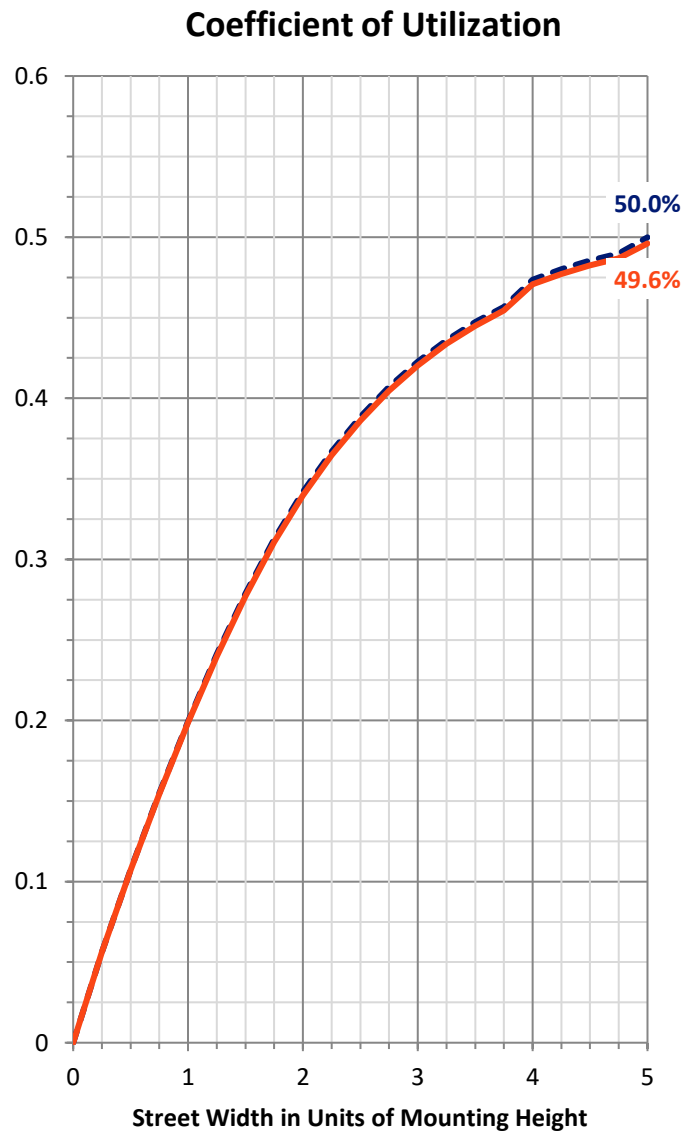
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3323.5	0.0	3323.5
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	3323.5	0.0	3323.5
	% Fixture	50.0	0.0	50.0
Total	Lumens	6647.0	0.0	6647.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	45.2	0.7
10°-20°	104.9	1.6
20°-30°	187.2	2.8
30°-40°	358.1	5.4
40°-50°	609.9	9.2
50°-60°	1067.7	16.1
60°-70°	1801.7	27.1
70°-80°	2101.5	31.6
80°-90°	370.7	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°	6647.0	100.0
0°-180°	6647.0	100.0



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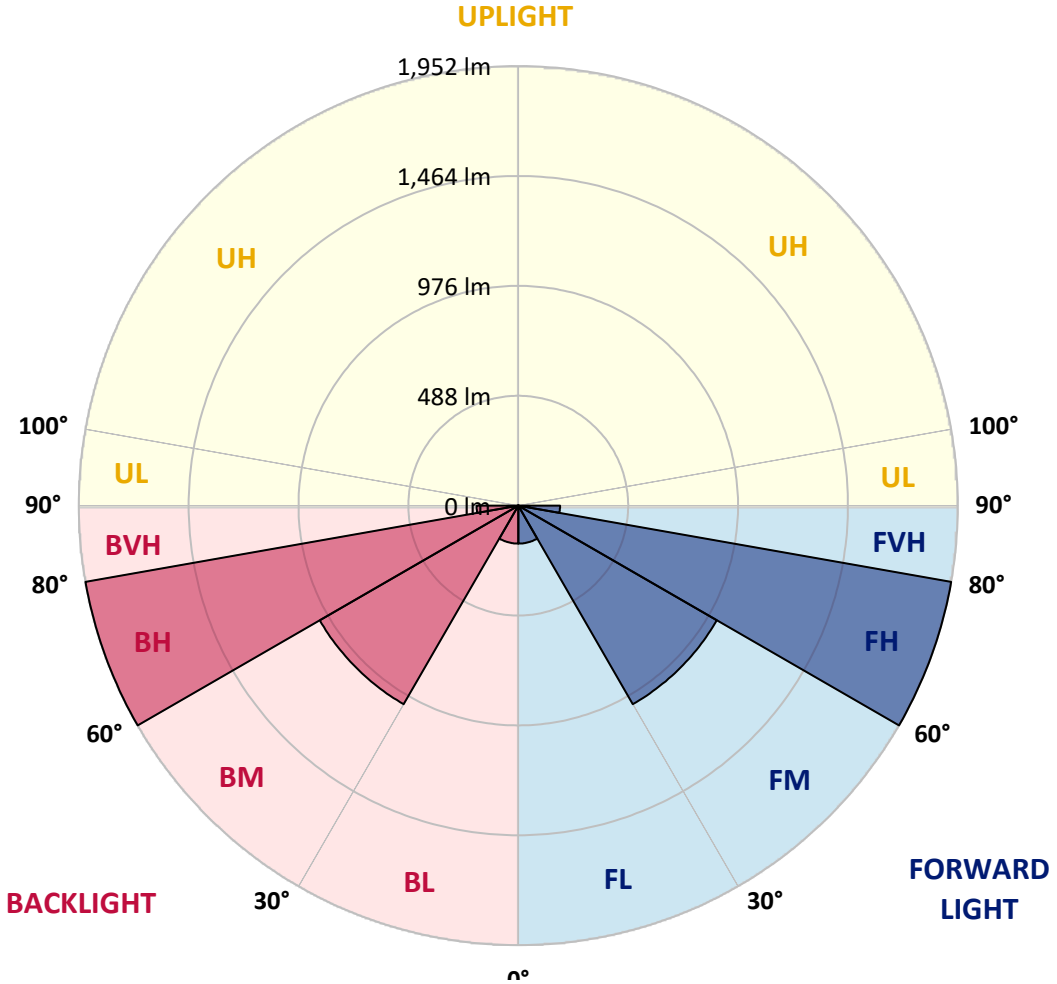
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	168.7	2.5			
FM	(30°-60°)	1017.9	15.3			
FH	(60°-80°)	1951.6	29.4			G2/5000
FVH	(80°-90°)	185.3	2.8			G2/225
BL	(0°-30°)	168.7	2.5	B1/500		
BM	(30°-60°)	1017.9	15.3	B2/2500		
BH	(60°-80°)	1951.6	29.4	B3/2500		G2/5000
BVH	(80°-90°)	185.3	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°	575.5	575.5	575.5	575.5	575.5	575.5	*575.5*	575.5	575.5	575.5	575.5
2.5°	510.0	512.3	512.3	512.3	512.3	510.0	*510.0*	517.0	524.0	531.0	538.1
5°	481.9	481.9	481.9	481.9	481.9	479.6	*479.6*	479.6	479.6	479.6	479.6
7.5°	411.7	416.4	418.8	428.1	435.1	444.5	*451.5*	453.8	456.2	456.2	458.5
10°	463.2	463.2	463.2	463.2	463.2	460.9	*460.9*	456.2	453.8	449.2	444.5
12.5°	407.1	404.7	402.4	414.1	423.4	435.1	*444.5*	446.8	449.2	451.5	453.8
15°	467.9	467.9	467.9	465.5	463.2	460.9	*458.5*	442.2	425.8	407.1	390.7
17.5°	397.7	400.0	400.0	411.7	421.1	432.8	*442.2*	437.5	432.8	425.8	421.1
20°	477.2	477.2	477.2	472.6	470.2	465.5	*460.9*	432.8	404.7	374.3	346.2
22.5°	404.7	404.7	404.7	404.7	407.1	407.1	*407.1*	409.4	411.7	414.1	416.4
25°	493.6	496.0	496.0	491.3	488.9	484.3	*479.6*	456.2	430.5	407.1	381.3
27.5°	425.8	425.8	425.8	423.4	421.1	416.4	*414.1*	418.8	425.8	430.5	435.1
30°	521.7	521.7	521.7	519.4	519.4	517.0	*514.7*	491.3	465.5	442.2	416.4
32.5°	634.0	631.6	629.3	608.2	587.2	563.8	*542.7*	531.0	519.4	505.3	493.6
35°	673.8	673.8	671.4	666.7	662.1	655.0	*650.4*	627.0	603.6	580.2	556.8
37.5°	713.5	713.5	711.2	708.8	704.2	701.8	*697.1*	671.4	648.0	622.3	596.6
40°	762.7	765.0	765.0	762.7	758.0	755.6	*751.0*	722.9	697.1	669.1	641.0
42.5°	823.5	823.5	821.1	818.8	816.5	811.8	*809.4*	783.7	755.6	729.9	701.8
45°	896.0	896.0	893.7	891.3	891.3	889.0	*886.6*	863.2	837.5	814.1	788.4
47.5°	984.9	982.6	980.2	977.9	973.2	970.9	*966.2*	940.4	917.1	891.3	865.6
50°	1078.5	1078.5	1078.5	1076.1	1073.8	1069.1	*1066.8*	1043.4	1020.0	994.3	970.9
52.5°	1179.1	1181.4	1181.4	1181.4	1179.1	1179.1	*1176.7*	1153.3	1129.9	1104.2	1080.8
55°	1298.4	1298.4	1298.4	1298.4	1300.7	1300.7	*1300.7*	1277.3	1253.9	1230.5	1207.1
57.5°	1434.1	1443.4	1450.4	1450.4	1450.4	1450.4	*1450.4*	1427.0	1403.7	1380.3	1356.9
60°	1590.8	1593.1	1595.5	1602.5	1607.2	1614.2	*1618.9*	1597.8	1576.8	1555.7	1534.7
62.5°	1745.2	1749.9	1752.2	1761.6	1768.6	1778.0	*1785.0*	1770.9	1754.6	1740.5	1724.2
65°	1904.3	1909.0	1911.3	1923.0	1937.0	1948.7	*1960.4*	1948.7	1939.4	1927.7	1916.0
67.5°	2072.7	2077.4	2079.7	2091.4	2105.5	2117.2	*2128.9*	2124.2	2119.5	2114.8	2110.2
70°	2252.9	2255.2	2255.2	2266.9	2280.9	2292.6	*2304.3*	2302.0	2299.7	2297.3	2295.0
72.5°	*2351.1*	*2358.1*	*2365.2*	*2376.9*	*2388.5*	*2397.9*	*2409.6*	*2404.9*	*2397.9*	*2393.2*	*2386.2*
75°	2224.8	2229.5	2234.1	2252.9	2273.9	2292.6	*2311.3*	2318.4	2327.7	2334.7	2341.8
77.5°	1742.9	1763.9	1782.6	1803.7	1822.4	1843.5	*1862.2*	1901.9	1939.4	1979.2	2016.6
80°	863.2	874.9	886.6	933.4	980.2	1027.0	*1073.8*	1144.0	1216.5	1286.7	1356.9
82.5°	208.2	208.2	208.2	233.9	257.3	283.1	*306.5*	369.6	435.1	498.3	561.5
85°	42.1	44.4	46.8	58.5	70.2	79.5	*91.2*	100.6	110.0	119.3	128.7
87.5°	7.0	7.0	7.0	7.0	9.4	9.4	*9.4*	11.7	14.0	14.0	16.4
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):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
0°	575.5	575.5	575.5	575.5	575.5	575.5	575.5	575.5	575.5	575.5	575.5
2.5°	540.4	545.1	547.4	549.8	552.1	554.4	556.8	559.1	561.5	561.5	563.8
5°	479.6	479.6	479.6	479.6	479.6	479.6	479.6	479.6	481.9	484.3	486.6
7.5°	460.9	463.2	465.5	467.9	467.9	467.9	465.5	465.5	463.2	463.2	460.9
10°	432.8	421.1	407.1	395.4	395.4	397.7	397.7	397.7	390.7	386.0	379.0
12.5°	444.5	435.1	423.4	414.1	397.7	383.7	367.3	350.9	346.2	341.6	336.9
15°	376.6	364.9	350.9	336.9	329.9	320.5	313.5	304.1	301.8	299.4	294.8
17.5°	409.4	397.7	383.7	372.0	348.6	325.2	301.8	278.4	290.1	304.1	315.8
20°	348.6	348.6	350.9	350.9	350.9	348.6	348.6	346.2	339.2	329.9	322.8
22.5°	397.7	376.6	357.9	336.9	341.6	346.2	350.9	355.6	343.9	332.2	318.2
25°	388.3	395.4	400.0	407.1	388.3	369.6	348.6	329.9	339.2	348.6	357.9
27.5°	421.1	407.1	390.7	376.6	383.7	390.7	395.4	402.4	390.7	379.0	367.3
30°	418.8	421.1	421.1	423.4	414.1	402.4	393.0	381.3	386.0	393.0	397.7
32.5°	479.6	463.2	449.2	432.8	432.8	432.8	430.5	430.5	430.5	432.8	432.8
35°	535.7	517.0	496.0	474.9	470.2	467.9	463.2	458.5	463.2	467.9	472.6
37.5°	575.5	552.1	531.0	507.7	505.3	503.0	498.3	496.0	496.0	496.0	496.0
40°	619.9	598.9	577.8	556.8	552.1	547.4	540.4	535.7	533.4	531.0	526.4
42.5°	680.8	657.4	636.3	612.9	605.9	596.6	589.5	580.2	577.8	575.5	570.8
45°	760.3	729.9	701.8	671.4	662.1	655.0	645.7	636.3	634.0	629.3	627.0
47.5°	832.8	802.4	769.7	736.9	732.2	725.2	720.5	713.5	708.8	701.8	697.1
50°	931.1	889.0	849.2	807.1	807.1	804.8	804.8	802.4	793.1	783.7	774.3
52.5°	1041.0	998.9	959.2	917.1	912.4	910.0	905.4	900.7	891.3	882.0	870.3
55°	1165.0	1122.9	1080.8	1038.7	1036.4	1036.4	1034.0	1031.7	1017.6	1003.6	989.6
57.5°	1314.8	1275.0	1232.9	1190.8	1193.1	1193.1	1195.4	1195.4	1176.7	1158.0	1137.0
60°	1487.9	1441.1	1392.0	1345.2	1352.2	1361.5	1368.6	1375.6	1352.2	1328.8	1303.1
62.5°	1677.4	1628.2	1581.4	1532.3	1546.4	1560.4	1572.1	1586.1	1551.0	1515.9	1480.9
65°	1859.8	1803.7	1747.5	1691.4	1717.1	1745.2	1770.9	1796.7	1754.6	1712.5	1670.3
67.5°	2044.7	1981.5	1916.0	1850.5	1880.9	1911.3	1941.7	1972.1	1930.0	1885.6	1843.5
70°	2215.4	2135.9	2056.4	1976.8	2007.2	2037.6	2068.0	2098.5	2058.7	2018.9	1979.2
72.5°	*2306.7*	*2224.8*	*2145.2*	*2063.4*	*2093.8*	*2126.5*	*2156.9*	*2187.4*	*2138.2*	*2089.1*	*2037.6*
75°	2271.6	2199.1	2128.9	2056.4	2100.8	2145.2	2189.7	2234.1	2168.6	2100.8	2035.3
77.5°	1981.5	1948.7	1913.6	1878.6	1958.1	2037.6	2117.2	2196.7	2103.1	2007.2	1913.6
80°	1380.3	1406.0	1429.4	1452.8	1567.4	1682.0	1794.3	1909.0	1799.0	1691.4	1581.4
82.5°	634.0	706.5	776.7	849.2	963.8	1078.5	1190.8	1305.4	1183.7	1062.1	938.1
85°	152.1	175.5	196.5	219.9	278.4	336.9	395.4	453.8	404.7	355.6	306.5
87.5°	18.7	21.1	21.1	23.4	21.1	21.1	18.7	16.4	18.7	18.7	21.1
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°	575.5	575.5	575.5	575.5	575.5	575.5	575.5	575.5	575.5	575.5	575.5
2.5°	563.8	566.1	566.1	568.5	568.5	568.5	568.5	566.1	566.1	566.1	568.5
5°	488.9	500.6	510.0	521.7	531.0	535.7	542.7	547.4	552.1	554.4	554.4
7.5°	458.5	453.8	446.8	442.2	435.1	444.5	456.2	465.5	474.9	477.2	479.6
10°	372.0	369.6	364.9	362.6	357.9	360.3	364.9	367.3	369.6	381.3	395.4
12.5°	332.2	334.5	336.9	339.2	341.6	334.5	327.5	318.2	311.1	322.8	334.5
15°	292.4	292.4	294.8	294.8	294.8	304.1	313.5	322.8	332.2	348.6	367.3
17.5°	327.5	322.8	318.2	311.1	306.5	308.8	308.8	311.1	311.1	320.5	327.5
20°	313.5	306.5	301.8	294.8	287.7	299.4	311.1	322.8	334.5	353.3	372.0
22.5°	306.5	320.5	332.2	346.2	357.9	350.9	343.9	334.5	327.5	327.5	327.5
25°	367.3	355.6	343.9	332.2	320.5	341.6	360.3	381.3	400.0	414.1	425.8
27.5°	355.6	364.9	374.3	381.3	390.7	402.4	414.1	425.8	437.5	458.5	477.2
30°	402.4	414.1	425.8	435.1	446.8	477.2	505.3	535.7	563.8	577.8	591.9
32.5°	432.8	456.2	477.2	500.6	521.7	538.1	554.4	570.8	587.2	601.2	617.6
35°	477.2	496.0	512.3	531.0	547.4	566.1	584.9	601.2	619.9	634.0	648.0
37.5°	496.0	517.0	538.1	556.8	577.8	601.2	622.3	645.7	666.7	678.4	687.8
40°	524.0	549.8	575.5	601.2	627.0	650.4	673.8	697.1	720.5	729.9	739.3
42.5°	568.5	596.6	624.6	650.4	678.4	704.2	727.6	753.3	776.7	786.0	795.4
45°	622.3	650.4	678.4	706.5	734.6	762.7	790.7	818.8	846.9	858.6	870.3
47.5°	690.1	718.2	748.6	776.7	804.8	839.9	872.6	907.7	940.4	949.8	959.2
50°	765.0	793.1	821.1	849.2	877.3	921.7	963.8	1008.3	1050.4	1055.1	1062.1
52.5°	860.9	889.0	914.7	942.8	968.5	1017.6	1066.8	1113.6	1162.7	1165.0	1169.7
55°	975.5	1001.3	1029.3	1055.1	1080.8	1134.6	1186.1	1239.9	1291.4	1291.4	1293.7
57.5°	1118.2	1146.3	1174.4	1200.1	1228.2	1279.7	1331.1	1380.3	1431.7	1429.4	1427.0
60°	1279.7	1305.4	1328.8	1354.5	1377.9	1427.0	1478.5	1527.6	1576.8	1572.1	1565.1
62.5°	1445.8	1473.8	1501.9	1527.6	1555.7	1595.5	1637.6	1677.4	1717.1	1707.8	1698.4
65°	1628.2	1656.3	1686.7	1714.8	1742.9	1773.3	1806.0	1836.4	1866.9	1857.5	1850.5
67.5°	1799.0	1831.8	1864.5	1894.9	1927.7	1951.1	1974.5	1995.5	2018.9	2007.2	1995.5
70°	1939.4	1967.5	1995.5	2023.6	2051.7	2075.1	2098.5	2121.9	2145.2	2133.6	2121.9
72.5°	*1988.5*	*2021.3*	*2054.0*	*2084.4*	*2117.2*	*2145.2*	*2173.3*	*2201.4*	*2229.5*	*2222.4*	*2213.1*
75°	1967.5	1990.8	2014.2	2037.6	2061.0	2082.1	2105.5	2126.5	2147.6	2135.9	2124.2
77.5°	1817.7	1815.4	1810.7	1808.4	1803.7	1803.7	1806.0	1806.0	1806.0	1792.0	1778.0
80°	1471.5	1429.4	1387.3	1345.2	1303.1	1253.9	1204.8	1155.7	1106.5	1059.8	1013.0
82.5°	816.5	720.5	627.0	531.0	435.1	395.4	353.3	313.5	271.4	252.7	231.6
85°	257.3	224.6	191.8	159.1	126.3	119.3	112.3	102.9	95.9	88.9	81.9
87.5°	21.1	18.7	18.7	16.4	14.0	11.7	11.7	9.4	7.0	7.0	7.0
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):

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
0°	575.5	575.5	575.5	575.5	575.5	575.5	575.5	575.5	575.5	575.5	575.5
2.5°	568.5	568.5	568.5	568.5	568.5	568.5	568.5	568.5	566.1	566.1	566.1
5°	556.8	556.8	556.8	556.8	556.8	556.8	556.8	554.4	554.4	552.1	547.4
7.5°	479.6	481.9	481.9	479.6	481.9	481.9	479.6	479.6	477.2	474.9	465.5
10°	407.1	418.8	418.8	418.8	418.8	418.8	407.1	395.4	381.3	369.6	367.3
12.5°	346.2	357.9	357.9	357.9	357.9	357.9	346.2	334.5	322.8	311.1	318.2
15°	383.7	400.0	400.0	400.0	400.0	400.0	383.7	367.3	348.6	332.2	322.8
17.5°	336.9	343.9	346.2	346.2	346.2	343.9	336.9	327.5	320.5	311.1	311.1
20°	388.3	407.1	409.4	411.7	409.4	407.1	388.3	372.0	353.3	334.5	322.8
22.5°	325.2	325.2	327.5	327.5	327.5	325.2	325.2	327.5	327.5	327.5	334.5
25°	439.8	451.5	451.5	449.2	451.5	451.5	439.8	425.8	414.1	400.0	381.3
27.5°	498.3	517.0	521.7	524.0	521.7	517.0	498.3	477.2	458.5	437.5	425.8
30°	605.9	619.9	619.9	619.9	619.9	619.9	605.9	591.9	577.8	563.8	535.7
32.5°	631.6	645.7	645.7	645.7	645.7	645.7	631.6	617.6	601.2	587.2	570.8
35°	659.7	673.8	676.1	676.1	676.1	673.8	659.7	648.0	634.0	619.9	601.2
37.5°	699.5	708.8	711.2	713.5	711.2	708.8	699.5	687.8	678.4	666.7	645.7
40°	746.3	755.6	755.6	755.6	755.6	755.6	746.3	739.3	729.9	720.5	697.1
42.5°	804.8	814.1	816.5	818.8	816.5	814.1	804.8	795.4	786.0	776.7	753.3
45°	879.6	891.3	893.7	896.0	893.7	891.3	879.6	870.3	858.6	846.9	818.8
47.5°	968.5	977.9	977.9	977.9	977.9	977.9	968.5	959.2	949.8	940.4	907.7
50°	1066.8	1071.5	1073.8	1073.8	1073.8	1071.5	1066.8	1062.1	1055.1	1050.4	1008.3
52.5°	1172.0	1174.4	1174.4	1172.0	1174.4	1174.4	1172.0	1169.7	1165.0	1162.7	1113.6
55°	1293.7	1293.7	1291.4	1286.7	1291.4	1293.7	1293.7	1293.7	1291.4	1291.4	1239.9
57.5°	1424.7	1422.4	1422.4	1420.0	1422.4	1422.4	1424.7	1427.0	1429.4	1431.7	1380.3
60°	1560.4	1553.4	1551.0	1546.4	1551.0	1553.4	1560.4	1565.1	1572.1	1576.8	1527.6
62.5°	1689.1	1679.7	1679.7	1679.7	1679.7	1679.7	1689.1	1698.4	1707.8	1717.1	1677.4
65°	1841.1	1831.8	1827.1	1822.4	1827.1	1831.8	1841.1	1850.5	1857.5	1866.9	1836.4
67.5°	1983.8	1972.1	1967.5	1960.4	1967.5	1972.1	1983.8	1995.5	2007.2	2018.9	1995.5
70°	2107.8	2096.1	2093.8	2091.4	2093.8	2096.1	2107.8	2121.9	2133.6	2145.2	2121.9
72.5°	*2206.1*	*2196.7*	*2194.4*	*2189.7*	*2194.4*	*2196.7*	*2206.1*	*2213.1*	*2222.4*	*2229.5*	*2201.4*
75°	2112.5	2100.8	2093.8	2084.4	2093.8	2100.8	2112.5	2124.2	2135.9	2147.6	2126.5
77.5°	1763.9	1749.9	1745.2	1738.2	1745.2	1749.9	1763.9	1778.0	1792.0	1806.0	1806.0
80°	966.2	919.4	907.7	893.7	907.7	919.4	966.2	1013.0	1059.8	1106.5	1155.7
82.5°	212.9	191.8	184.8	175.5	184.8	191.8	212.9	231.6	252.7	271.4	313.5
85°	72.5	65.5	60.8	56.1	60.8	65.5	72.5	81.9	88.9	95.9	102.9
87.5°	7.0	7.0	7.0	4.7	7.0	7.0	7.0	7.0	7.0	7.0	9.4
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):

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
0°	575.5	575.5	575.5	575.5	575.5	575.5	575.5	575.5	575.5	575.5	575.5
2.5°	568.5	568.5	568.5	568.5	566.1	566.1	563.8	563.8	561.5	561.5	559.1
5°	542.7	535.7	531.0	521.7	510.0	500.6	488.9	486.6	484.3	481.9	479.6
7.5°	456.2	444.5	435.1	442.2	446.8	453.8	458.5	460.9	463.2	463.2	465.5
10°	364.9	360.3	357.9	362.6	364.9	369.6	372.0	379.0	386.0	390.7	397.7
12.5°	327.5	334.5	341.6	339.2	336.9	334.5	332.2	336.9	341.6	346.2	350.9
15°	313.5	304.1	294.8	294.8	294.8	292.4	292.4	294.8	299.4	301.8	304.1
17.5°	308.8	308.8	306.5	311.1	318.2	322.8	327.5	315.8	304.1	290.1	278.4
20°	311.1	299.4	287.7	294.8	301.8	306.5	313.5	322.8	329.9	339.2	346.2
22.5°	343.9	350.9	357.9	346.2	332.2	320.5	306.5	318.2	332.2	343.9	355.6
25°	360.3	341.6	320.5	332.2	343.9	355.6	367.3	357.9	348.6	339.2	329.9
27.5°	414.1	402.4	390.7	381.3	374.3	364.9	355.6	367.3	379.0	390.7	402.4
30°	505.3	477.2	446.8	435.1	425.8	414.1	402.4	397.7	393.0	386.0	381.3
32.5°	554.4	538.1	521.7	500.6	477.2	456.2	432.8	432.8	432.8	430.5	430.5
35°	584.9	566.1	547.4	531.0	512.3	496.0	477.2	472.6	467.9	463.2	458.5
37.5°	622.3	601.2	577.8	556.8	538.1	517.0	496.0	496.0	496.0	496.0	496.0
40°	673.8	650.4	627.0	601.2	575.5	549.8	524.0	526.4	531.0	533.4	535.7
42.5°	727.6	704.2	678.4	650.4	624.6	596.6	568.5	570.8	575.5	577.8	580.2
45°	790.7	762.7	734.6	706.5	678.4	650.4	622.3	627.0	629.3	634.0	636.3
47.5°	872.6	839.9	804.8	776.7	748.6	718.2	690.1	697.1	701.8	708.8	713.5
50°	963.8	921.7	877.3	849.2	821.1	793.1	765.0	774.3	783.7	793.1	802.4
52.5°	1066.8	1017.6	968.5	942.8	914.7	889.0	860.9	870.3	882.0	891.3	900.7
55°	1186.1	1134.6	1080.8	1055.1	1029.3	1001.3	975.5	989.6	1003.6	1017.6	1031.7
57.5°	1331.1	1279.7	1228.2	1200.1	1174.4	1146.3	1118.2	1137.0	1158.0	1176.7	1195.4
60°	1478.5	1427.0	1377.9	1354.5	1328.8	1305.4	1279.7	1303.1	1328.8	1352.2	1375.6
62.5°	1637.6	1595.5	1555.7	1527.6	1501.9	1473.8	1445.8	1480.9	1515.9	1551.0	1586.1
65°	1806.0	1773.3	1742.9	1714.8	1686.7	1656.3	1628.2	1670.3	1712.5	1754.6	1796.7
67.5°	1974.5	1951.1	1927.7	1894.9	1864.5	1831.8	1799.0	1843.5	1885.6	1930.0	1972.1
70°	2098.5	2075.1	2051.7	2023.6	1995.5	1967.5	1939.4	1979.2	2018.9	2058.7	2098.5
72.5°	*2173.3*	*2145.2*	*2117.2*	*2084.4*	*2054.0*	*2021.3*	*1988.5*	*2037.6*	*2089.1*	*2138.2*	*2187.4*
75°	2105.5	2082.1	2061.0	2037.6	2014.2	1990.8	1967.5	2035.3	2100.8	2168.6	2234.1
77.5°	1806.0	1803.7	1803.7	1808.4	1810.7	1815.4	1817.7	1913.6	2007.2	2103.1	2196.7
80°	1204.8	1253.9	1303.1	1345.2	1387.3	1429.4	1471.5	1581.4	1691.4	1799.0	1909.0
82.5°	353.3	395.4	435.1	531.0	627.0	720.5	816.5	938.1	1062.1	1183.7	1305.4
85°	112.3	119.3	126.3	159.1	191.8	224.6	257.3	306.5	355.6	404.7	453.8
87.5°	11.7	11.7	14.0	16.4	18.7	18.7	21.1	21.1	18.7	18.7	16.4
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):

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
0°	575.5	575.5	575.5	575.5	575.5	575.5	575.5	575.5	575.5	575.5	575.5
2.5°	556.8	554.4	552.1	549.8	547.4	545.1	540.4	538.1	531.0	524.0	517.0
5°	479.6	479.6	479.6	479.6	479.6	479.6	479.6	479.6	479.6	479.6	479.6
7.5°	465.5	467.9	467.9	467.9	465.5	463.2	460.9	458.5	456.2	456.2	453.8
10°	397.7	397.7	395.4	395.4	407.1	421.1	432.8	444.5	449.2	453.8	456.2
12.5°	367.3	383.7	397.7	414.1	423.4	435.1	444.5	453.8	451.5	449.2	446.8
15°	313.5	320.5	329.9	336.9	350.9	364.9	376.6	390.7	407.1	425.8	442.2
17.5°	301.8	325.2	348.6	372.0	383.7	397.7	409.4	421.1	425.8	432.8	437.5
20°	348.6	348.6	350.9	350.9	350.9	348.6	348.6	346.2	374.3	404.7	432.8
22.5°	350.9	346.2	341.6	336.9	357.9	376.6	397.7	416.4	414.1	411.7	409.4
25°	348.6	369.6	388.3	407.1	400.0	395.4	388.3	381.3	407.1	430.5	456.2
27.5°	395.4	390.7	383.7	376.6	390.7	407.1	421.1	435.1	430.5	425.8	418.8
30°	393.0	402.4	414.1	423.4	421.1	421.1	418.8	416.4	442.2	465.5	491.3
32.5°	430.5	432.8	432.8	432.8	449.2	463.2	479.6	493.6	505.3	519.4	531.0
35°	463.2	467.9	470.2	474.9	496.0	517.0	535.7	556.8	580.2	603.6	627.0
37.5°	498.3	503.0	505.3	507.7	531.0	552.1	575.5	596.6	622.3	648.0	671.4
40°	540.4	547.4	552.1	556.8	577.8	598.9	619.9	641.0	669.1	697.1	722.9
42.5°	589.5	596.6	605.9	612.9	636.3	657.4	680.8	701.8	729.9	755.6	783.7
45°	645.7	655.0	662.1	671.4	701.8	729.9	760.3	788.4	814.1	837.5	863.2
47.5°	720.5	725.2	732.2	736.9	769.7	802.4	832.8	865.6	891.3	917.1	940.4
50°	804.8	804.8	807.1	807.1	849.2	889.0	931.1	970.9	994.3	1020.0	1043.4
52.5°	905.4	910.0	912.4	917.1	959.2	998.9	1041.0	1080.8	1104.2	1129.9	1153.3
55°	1034.0	1036.4	1036.4	1038.7	1080.8	1122.9	1165.0	1207.1	1230.5	1253.9	1277.3
57.5°	1195.4	1193.1	1193.1	1190.8	1232.9	1275.0	1314.8	1356.9	1380.3	1403.7	1427.0
60°	1368.6	1361.5	1352.2	1345.2	1392.0	1441.1	1487.9	1534.7	1555.7	1576.8	1597.8
62.5°	1572.1	1560.4	1546.4	1532.3	1581.4	1628.2	1677.4	1724.2	1740.5	1754.6	1770.9
65°	1770.9	1745.2	1717.1	1691.4	1747.5	1803.7	1859.8	1916.0	1927.7	1939.4	1948.7
67.5°	1941.7	1911.3	1880.9	1850.5	1916.0	1981.5	2044.7	2110.2	2114.8	2119.5	2124.2
70°	2068.0	2037.6	2007.2	1976.8	2056.4	2135.9	2215.4	2295.0	2297.3	2299.7	2302.0
72.5°	*2156.9*	*2126.5*	*2093.8*	*2063.4*	*2145.2*	*2224.8*	*2306.7*	*2386.2*	*2393.2*	*2397.9*	*2404.9*
75°	2189.7	2145.2	2100.8	2056.4	2128.9	2199.1	2271.6	2341.8	2334.7	2327.7	2318.4
77.5°	2117.2	2037.6	1958.1	1878.6	1913.6	1948.7	1981.5	2016.6	1979.2	1939.4	1901.9
80°	1794.3	1682.0	1567.4	1452.8	1429.4	1406.0	1380.3	1356.9	1286.7	1216.5	1144.0
82.5°	1190.8	1078.5	963.8	849.2	776.7	706.5	634.0	561.5	498.3	435.1	369.6
85°	395.4	336.9	278.4	219.9	196.5	175.5	152.1	128.7	119.3	110.0	100.6
87.5°	18.7	21.1	21.1	23.4	21.1	21.1	18.7	16.4	14.0	14.0	11.7
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):

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
0°	575.5	575.5	575.5	575.5	575.5	575.5	575.5	575.5	575.5	575.5	575.5
2.5°	510.0	510.0	512.3	512.3	512.3	512.3	510.0	512.3	512.3	512.3	512.3
5°	479.6	479.6	481.9	481.9	481.9	481.9	481.9	481.9	481.9	481.9	481.9
7.5°	451.5	444.5	435.1	428.1	418.8	416.4	411.7	416.4	418.8	428.1	435.1
10°	460.9	460.9	463.2	463.2	463.2	463.2	463.2	463.2	463.2	463.2	463.2
12.5°	444.5	435.1	423.4	414.1	402.4	404.7	407.1	404.7	402.4	414.1	423.4
15°	458.5	460.9	463.2	465.5	467.9	467.9	467.9	467.9	467.9	465.5	463.2
17.5°	442.2	432.8	421.1	411.7	400.0	400.0	397.7	400.0	400.0	411.7	421.1
20°	460.9	465.5	470.2	472.6	477.2	477.2	477.2	477.2	477.2	472.6	470.2
22.5°	407.1	407.1	407.1	404.7	404.7	404.7	404.7	404.7	404.7	404.7	407.1
25°	479.6	484.3	488.9	491.3	496.0	496.0	493.6	496.0	496.0	491.3	488.9
27.5°	414.1	416.4	421.1	423.4	425.8	425.8	425.8	425.8	425.8	423.4	421.1
30°	514.7	517.0	519.4	519.4	521.7	521.7	521.7	521.7	521.7	519.4	519.4
32.5°	542.7	563.8	587.2	608.2	629.3	631.6	634.0	631.6	629.3	608.2	587.2
35°	650.4	655.0	662.1	666.7	671.4	673.8	673.8	673.8	671.4	666.7	662.1
37.5°	697.1	701.8	704.2	708.8	711.2	713.5	713.5	713.5	711.2	708.8	704.2
40°	751.0	755.6	758.0	762.7	765.0	765.0	762.7	765.0	765.0	762.7	758.0
42.5°	809.4	811.8	816.5	818.8	821.1	823.5	823.5	823.5	821.1	818.8	816.5
45°	886.6	889.0	891.3	891.3	893.7	896.0	896.0	896.0	893.7	891.3	891.3
47.5°	966.2	970.9	973.2	977.9	980.2	982.6	984.9	982.6	980.2	977.9	973.2
50°	1066.8	1069.1	1073.8	1076.1	1078.5	1078.5	1078.5	1078.5	1078.5	1076.1	1073.8
52.5°	1176.7	1179.1	1179.1	1181.4	1181.4	1181.4	1179.1	1181.4	1181.4	1181.4	1179.1
55°	1300.7	1300.7	1300.7	1298.4	1298.4	1298.4	1298.4	1298.4	1298.4	1298.4	1300.7
57.5°	1450.4	1450.4	1450.4	1450.4	1450.4	1443.4	1434.1	1443.4	1450.4	1450.4	1450.4
60°	1618.9	1614.2	1607.2	1602.5	1595.5	1593.1	1590.8	1593.1	1595.5	1602.5	1607.2
62.5°	1785.0	1778.0	1768.6	1761.6	1752.2	1749.9	1745.2	1749.9	1752.2	1761.6	1768.6
65°	1960.4	1948.7	1937.0	1923.0	1911.3	1909.0	1904.3	1909.0	1911.3	1923.0	1937.0
67.5°	2128.9	2117.2	2105.5	2091.4	2079.7	2077.4	2072.7	2077.4	2079.7	2091.4	2105.5
70°	2304.3	2292.6	2280.9	2266.9	2255.2	2255.2	2252.9	2255.2	2255.2	2266.9	2280.9
72.5°	*2409.6*	*2397.9*	*2388.5*	*2376.9*	*2365.2*	*2358.1*	*2351.1*	*2358.1*	*2365.2*	*2376.9*	*2388.5*
75°	2311.3	2292.6	2273.9	2252.9	2234.1	2229.5	2224.8	2229.5	2234.1	2252.9	2273.9
77.5°	1862.2	1843.5	1822.4	1803.7	1782.6	1763.9	1742.9	1763.9	1782.6	1803.7	1822.4
80°	1073.8	1027.0	980.2	933.4	886.6	874.9	863.2	874.9	886.6	933.4	980.2
82.5°	306.5	283.1	257.3	233.9	208.2	208.2	208.2	208.2	208.2	233.9	257.3
85°	91.2	79.5	70.2	58.5	46.8	44.4	42.1	44.4	46.8	58.5	70.2
87.5°	9.4	9.4	9.4	7.0	7.0	7.0	7.0	7.0	7.0	7.0	9.4
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):

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
0°	575.5	575.5	575.5	575.5	575.5	575.5	575.5	575.5	575.5	575.5	575.5
2.5°	510.0	510.0	517.0	524.0	531.0	538.1	540.4	545.1	547.4	549.8	552.1
5°	479.6	479.6	479.6	479.6	479.6	479.6	479.6	479.6	479.6	479.6	479.6
7.5°	444.5	451.5	453.8	456.2	456.2	458.5	460.9	463.2	465.5	467.9	467.9
10°	460.9	460.9	456.2	453.8	449.2	444.5	432.8	421.1	407.1	395.4	395.4
12.5°	435.1	444.5	446.8	449.2	451.5	453.8	444.5	435.1	423.4	414.1	397.7
15°	460.9	458.5	442.2	425.8	407.1	390.7	376.6	364.9	350.9	336.9	329.9
17.5°	432.8	442.2	437.5	432.8	425.8	421.1	409.4	397.7	383.7	372.0	348.6
20°	465.5	460.9	432.8	404.7	374.3	346.2	348.6	348.6	350.9	350.9	350.9
22.5°	407.1	407.1	409.4	411.7	414.1	416.4	397.7	376.6	357.9	336.9	341.6
25°	484.3	479.6	456.2	430.5	407.1	381.3	388.3	395.4	400.0	407.1	388.3
27.5°	416.4	414.1	418.8	425.8	430.5	435.1	421.1	407.1	390.7	376.6	383.7
30°	517.0	514.7	491.3	465.5	442.2	416.4	418.8	421.1	421.1	423.4	414.1
32.5°	563.8	542.7	531.0	519.4	505.3	493.6	479.6	463.2	449.2	432.8	432.8
35°	655.0	650.4	627.0	603.6	580.2	556.8	535.7	517.0	496.0	474.9	470.2
37.5°	701.8	697.1	671.4	648.0	622.3	596.6	575.5	552.1	531.0	507.7	505.3
40°	755.6	751.0	722.9	697.1	669.1	641.0	619.9	598.9	577.8	556.8	552.1
42.5°	811.8	809.4	783.7	755.6	729.9	701.8	680.8	657.4	636.3	612.9	605.9
45°	889.0	886.6	863.2	837.5	814.1	788.4	760.3	729.9	701.8	671.4	662.1
47.5°	970.9	966.2	940.4	917.1	891.3	865.6	832.8	802.4	769.7	736.9	732.2
50°	1069.1	1066.8	1043.4	1020.0	994.3	970.9	931.1	889.0	849.2	807.1	807.1
52.5°	1179.1	1176.7	1153.3	1129.9	1104.2	1080.8	1041.0	998.9	959.2	917.1	912.4
55°	1300.7	1300.7	1277.3	1253.9	1230.5	1207.1	1165.0	1122.9	1080.8	1038.7	1036.4
57.5°	1450.4	1450.4	1427.0	1403.7	1380.3	1356.9	1314.8	1275.0	1232.9	1190.8	1193.1
60°	1614.2	1618.9	1597.8	1576.8	1555.7	1534.7	1487.9	1441.1	1392.0	1345.2	1352.2
62.5°	1778.0	1785.0	1770.9	1754.6	1740.5	1724.2	1677.4	1628.2	1581.4	1532.3	1546.4
65°	1948.7	1960.4	1948.7	1939.4	1927.7	1916.0	1859.8	1803.7	1747.5	1691.4	1717.1
67.5°	2117.2	2128.9	2124.2	2119.5	2114.8	2110.2	2044.7	1981.5	1916.0	1850.5	1880.9
70°	2292.6	2304.3	2302.0	2299.7	2297.3	2295.0	2215.4	2135.9	2056.4	1976.8	2007.2
72.5°	*2397.9*	*2409.6*	*2404.9*	*2397.9*	*2393.2*	*2386.2*	*2306.7*	*2224.8*	*2145.2*	*2063.4*	*2093.8*
75°	2292.6	2311.3	2318.4	2327.7	2334.7	2341.8	2271.6	2199.1	2128.9	2056.4	2100.8
77.5°	1843.5	1862.2	1901.9	1939.4	1979.2	2016.6	1981.5	1948.7	1913.6	1878.6	1958.1
80°	1027.0	1073.8	1144.0	1216.5	1286.7	1356.9	1380.3	1406.0	1429.4	1452.8	1567.4
82.5°	283.1	306.5	369.6	435.1	498.3	561.5	634.0	706.5	776.7	849.2	963.8
85°	79.5	91.2	100.6	110.0	119.3	128.7	152.1	175.5	196.5	219.9	278.4
87.5°	9.4	9.4	11.7	14.0	14.0	16.4	18.7	21.1	21.1	23.4	21.1
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°	575.5	575.5	575.5	575.5	575.5	575.5	575.5	575.5	575.5	575.5	575.5
2.5°	554.4	556.8	559.1	561.5	561.5	563.8	563.8	566.1	566.1	568.5	568.5
5°	479.6	479.6	479.6	481.9	484.3	486.6	488.9	500.6	510.0	521.7	531.0
7.5°	467.9	465.5	465.5	463.2	463.2	460.9	458.5	453.8	446.8	442.2	435.1
10°	397.7	397.7	397.7	390.7	386.0	379.0	372.0	369.6	364.9	362.6	357.9
12.5°	383.7	367.3	350.9	346.2	341.6	336.9	332.2	334.5	336.9	339.2	341.6
15°	320.5	313.5	304.1	301.8	299.4	294.8	292.4	292.4	294.8	294.8	294.8
17.5°	325.2	301.8	278.4	290.1	304.1	315.8	327.5	322.8	318.2	311.1	306.5
20°	348.6	348.6	346.2	339.2	329.9	322.8	313.5	306.5	301.8	294.8	287.7
22.5°	346.2	350.9	355.6	343.9	332.2	318.2	306.5	320.5	332.2	346.2	357.9
25°	369.6	348.6	329.9	339.2	348.6	357.9	367.3	355.6	343.9	332.2	320.5
27.5°	390.7	395.4	402.4	390.7	379.0	367.3	355.6	364.9	374.3	381.3	390.7
30°	402.4	393.0	381.3	386.0	393.0	397.7	402.4	414.1	425.8	435.1	446.8
32.5°	432.8	430.5	430.5	430.5	432.8	432.8	432.8	456.2	477.2	500.6	521.7
35°	467.9	463.2	458.5	463.2	467.9	472.6	477.2	496.0	512.3	531.0	547.4
37.5°	503.0	498.3	496.0	496.0	496.0	496.0	496.0	517.0	538.1	556.8	577.8
40°	547.4	540.4	535.7	533.4	531.0	526.4	524.0	549.8	575.5	601.2	627.0
42.5°	596.6	589.5	580.2	577.8	575.5	570.8	568.5	596.6	624.6	650.4	678.4
45°	655.0	645.7	636.3	634.0	629.3	627.0	622.3	650.4	678.4	706.5	734.6
47.5°	725.2	720.5	713.5	708.8	701.8	697.1	690.1	718.2	748.6	776.7	804.8
50°	804.8	804.8	802.4	793.1	783.7	774.3	765.0	793.1	821.1	849.2	877.3
52.5°	910.0	905.4	900.7	891.3	882.0	870.3	860.9	889.0	914.7	942.8	968.5
55°	1036.4	1034.0	1031.7	1017.6	1003.6	989.6	975.5	1001.3	1029.3	1055.1	1080.8
57.5°	1193.1	1195.4	1195.4	1176.7	1158.0	1137.0	1118.2	1146.3	1174.4	1200.1	1228.2
60°	1361.5	1368.6	1375.6	1352.2	1328.8	1303.1	1279.7	1305.4	1328.8	1354.5	1377.9
62.5°	1560.4	1572.1	1586.1	1551.0	1515.9	1480.9	1445.8	1473.8	1501.9	1527.6	1555.7
65°	1745.2	1770.9	1796.7	1754.6	1712.5	1670.3	1628.2	1656.3	1686.7	1714.8	1742.9
67.5°	1911.3	1941.7	1972.1	1930.0	1885.6	1843.5	1799.0	1831.8	1864.5	1894.9	1927.7
70°	2037.6	2068.0	2098.5	2058.7	2018.9	1979.2	1939.4	1967.5	1995.5	2023.6	2051.7
72.5°	*2126.5*	*2156.9*	*2187.4*	*2138.2*	*2089.1*	*2037.6*	*1988.5*	*2021.3*	*2054.0*	*2084.4*	*2117.2*
75°	2145.2	2189.7	2234.1	2168.6	2100.8	2035.3	1967.5	1990.8	2014.2	2037.6	2061.0
77.5°	2037.6	2117.2	2196.7	2103.1	2007.2	1913.6	1817.7	1815.4	1810.7	1808.4	1803.7
80°	1682.0	1794.3	1909.0	1799.0	1691.4	1581.4	1471.5	1429.4	1387.3	1345.2	1303.1
82.5°	1078.5	1190.8	1305.4	1183.7	1062.1	938.1	816.5	720.5	627.0	531.0	435.1
85°	336.9	395.4	453.8	404.7	355.6	306.5	257.3	224.6	191.8	159.1	126.3
87.5°	21.1	18.7	16.4	18.7	18.7	21.1	21.1	18.7	18.7	16.4	14.0
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°	575.5	575.5	575.5	575.5	575.5	575.5	575.5	575.5	575.5	575.5	575.5
2.5°	568.5	568.5	566.1	566.1	566.1	568.5	568.5	568.5	568.5	568.5	568.5
5°	535.7	542.7	547.4	552.1	554.4	554.4	556.8	556.8	556.8	556.8	556.8
7.5°	444.5	456.2	465.5	474.9	477.2	479.6	479.6	481.9	481.9	479.6	481.9
10°	360.3	364.9	367.3	369.6	381.3	395.4	407.1	418.8	418.8	418.8	418.8
12.5°	334.5	327.5	318.2	311.1	322.8	334.5	346.2	357.9	357.9	357.9	357.9
15°	304.1	313.5	322.8	332.2	348.6	367.3	383.7	400.0	400.0	400.0	400.0
17.5°	308.8	308.8	311.1	311.1	320.5	327.5	336.9	343.9	346.2	346.2	346.2
20°	299.4	311.1	322.8	334.5	353.3	372.0	388.3	407.1	409.4	411.7	409.4
22.5°	350.9	343.9	334.5	327.5	327.5	327.5	325.2	325.2	327.5	327.5	327.5
25°	341.6	360.3	381.3	400.0	414.1	425.8	439.8	451.5	451.5	449.2	451.5
27.5°	402.4	414.1	425.8	437.5	458.5	477.2	498.3	517.0	521.7	524.0	521.7
30°	477.2	505.3	535.7	563.8	577.8	591.9	605.9	619.9	619.9	619.9	619.9
32.5°	538.1	554.4	570.8	587.2	601.2	617.6	631.6	645.7	645.7	645.7	645.7
35°	566.1	584.9	601.2	619.9	634.0	648.0	659.7	673.8	676.1	676.1	676.1
37.5°	601.2	622.3	645.7	666.7	678.4	687.8	699.5	708.8	711.2	713.5	711.2
40°	650.4	673.8	697.1	720.5	729.9	739.3	746.3	755.6	755.6	755.6	755.6
42.5°	704.2	727.6	753.3	776.7	786.0	795.4	804.8	814.1	816.5	818.8	816.5
45°	762.7	790.7	818.8	846.9	858.6	870.3	879.6	891.3	893.7	896.0	893.7
47.5°	839.9	872.6	907.7	940.4	949.8	959.2	968.5	977.9	977.9	977.9	977.9
50°	921.7	963.8	1008.3	1050.4	1055.1	1062.1	1066.8	1071.5	1073.8	1073.8	1073.8
52.5°	1017.6	1066.8	1113.6	1162.7	1165.0	1169.7	1172.0	1174.4	1174.4	1172.0	1174.4
55°	1134.6	1186.1	1239.9	1291.4	1291.4	1293.7	1293.7	1293.7	1291.4	1286.7	1291.4
57.5°	1279.7	1331.1	1380.3	1431.7	1429.4	1427.0	1424.7	1422.4	1422.4	1420.0	1422.4
60°	1427.0	1478.5	1527.6	1576.8	1572.1	1565.1	1560.4	1553.4	1551.0	1546.4	1551.0
62.5°	1595.5	1637.6	1677.4	1717.1	1707.8	1698.4	1689.1	1679.7	1679.7	1679.7	1679.7
65°	1773.3	1806.0	1836.4	1866.9	1857.5	1850.5	1841.1	1831.8	1827.1	1822.4	1827.1
67.5°	1951.1	1974.5	1995.5	2018.9	2007.2	1995.5	1983.8	1972.1	1967.5	1960.4	1967.5
70°	2075.1	2098.5	2121.9	2145.2	2133.6	2121.9	2107.8	2096.1	2093.8	2091.4	2093.8
72.5°	*2145.2*	*2173.3*	*2201.4*	*2229.5*	*2222.4*	*2213.1*	*2206.1*	*2196.7*	*2194.4*	*2189.7*	*2194.4*
75°	2082.1	2105.5	2126.5	2147.6	2135.9	2124.2	2112.5	2100.8	2093.8	2084.4	2093.8
77.5°	1803.7	1806.0	1806.0	1806.0	1792.0	1778.0	1763.9	1749.9	1745.2	1738.2	1745.2
80°	1253.9	1204.8	1155.7	1106.5	1059.8	1013.0	966.2	919.4	907.7	893.7	907.7
82.5°	395.4	353.3	313.5	271.4	252.7	231.6	212.9	191.8	184.8	175.5	184.8
85°	119.3	112.3	102.9	95.9	88.9	81.9	72.5	65.5	60.8	56.1	60.8
87.5°	11.7	11.7	9.4	7.0	7.0	7.0	7.0	7.0	7.0	4.7	7.0
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):

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
0°	575.5	575.5	575.5	575.5	575.5	575.5	575.5	575.5	575.5	575.5	575.5
2.5°	568.5	568.5	568.5	566.1	566.1	566.1	568.5	568.5	568.5	568.5	566.1
5°	556.8	556.8	554.4	554.4	552.1	547.4	542.7	535.7	531.0	521.7	510.0
7.5°	481.9	479.6	479.6	477.2	474.9	465.5	456.2	444.5	435.1	442.2	446.8
10°	418.8	407.1	395.4	381.3	369.6	367.3	364.9	360.3	357.9	362.6	364.9
12.5°	357.9	346.2	334.5	322.8	311.1	318.2	327.5	334.5	341.6	339.2	336.9
15°	400.0	383.7	367.3	348.6	332.2	322.8	313.5	304.1	294.8	294.8	294.8
17.5°	343.9	336.9	327.5	320.5	311.1	311.1	308.8	308.8	306.5	311.1	318.2
20°	407.1	388.3	372.0	353.3	334.5	322.8	311.1	299.4	287.7	294.8	301.8
22.5°	325.2	325.2	327.5	327.5	327.5	334.5	343.9	350.9	357.9	346.2	332.2
25°	451.5	439.8	425.8	414.1	400.0	381.3	360.3	341.6	320.5	332.2	343.9
27.5°	517.0	498.3	477.2	458.5	437.5	425.8	414.1	402.4	390.7	381.3	374.3
30°	619.9	605.9	591.9	577.8	563.8	535.7	505.3	477.2	446.8	435.1	425.8
32.5°	645.7	631.6	617.6	601.2	587.2	570.8	554.4	538.1	521.7	500.6	477.2
35°	673.8	659.7	648.0	634.0	619.9	601.2	584.9	566.1	547.4	531.0	512.3
37.5°	708.8	699.5	687.8	678.4	666.7	645.7	622.3	601.2	577.8	556.8	538.1
40°	755.6	746.3	739.3	729.9	720.5	697.1	673.8	650.4	627.0	601.2	575.5
42.5°	814.1	804.8	795.4	786.0	776.7	753.3	727.6	704.2	678.4	650.4	624.6
45°	891.3	879.6	870.3	858.6	846.9	818.8	790.7	762.7	734.6	706.5	678.4
47.5°	977.9	968.5	959.2	949.8	940.4	907.7	872.6	839.9	804.8	776.7	748.6
50°	1071.5	1066.8	1062.1	1055.1	1050.4	1008.3	963.8	921.7	877.3	849.2	821.1
52.5°	1174.4	1172.0	1169.7	1165.0	1162.7	1113.6	1066.8	1017.6	968.5	942.8	914.7
55°	1293.7	1293.7	1293.7	1291.4	1291.4	1239.9	1186.1	1134.6	1080.8	1055.1	1029.3
57.5°	1422.4	1424.7	1427.0	1429.4	1431.7	1380.3	1331.1	1279.7	1228.2	1200.1	1174.4
60°	1553.4	1560.4	1565.1	1572.1	1576.8	1527.6	1478.5	1427.0	1377.9	1354.5	1328.8
62.5°	1679.7	1689.1	1698.4	1707.8	1717.1	1677.4	1637.6	1595.5	1555.7	1527.6	1501.9
65°	1831.8	1841.1	1850.5	1857.5	1866.9	1836.4	1806.0	1773.3	1742.9	1714.8	1686.7
67.5°	1972.1	1983.8	1995.5	2007.2	2018.9	1995.5	1974.5	1951.1	1927.7	1894.9	1864.5
70°	2096.1	2107.8	2121.9	2133.6	2145.2	2121.9	2098.5	2075.1	2051.7	2023.6	1995.5
72.5°	*2196.7*	*2206.1*	*2213.1*	*2222.4*	*2229.5*	*2201.4*	*2173.3*	*2145.2*	*2117.2*	*2084.4*	*2054.0*
75°	2100.8	2112.5	2124.2	2135.9	2147.6	2126.5	2105.5	2082.1	2061.0	2037.6	2014.2
77.5°	1749.9	1763.9	1778.0	1792.0	1806.0	1806.0	1806.0	1803.7	1803.7	1808.4	1810.7
80°	919.4	966.2	1013.0	1059.8	1106.5	1155.7	1204.8	1253.9	1303.1	1345.2	1387.3
82.5°	191.8	212.9	231.6	252.7	271.4	313.5	353.3	395.4	435.1	531.0	627.0
85°	65.5	72.5	81.9	88.9	95.9	102.9	112.3	119.3	126.3	159.1	191.8
87.5°	7.0	7.0	7.0	7.0	7.0	9.4	11.7	11.7	14.0	16.4	18.7
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):

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
0°	575.5	575.5	575.5	575.5	575.5	575.5	575.5	575.5	575.5	575.5	575.5
2.5°	566.1	563.8	563.8	561.5	561.5	559.1	556.8	554.4	552.1	549.8	547.4
5°	500.6	488.9	486.6	484.3	481.9	479.6	479.6	479.6	479.6	479.6	479.6
7.5°	453.8	458.5	460.9	463.2	463.2	465.5	465.5	467.9	467.9	467.9	465.5
10°	369.6	372.0	379.0	386.0	390.7	397.7	397.7	397.7	395.4	395.4	407.1
12.5°	334.5	332.2	336.9	341.6	346.2	350.9	367.3	383.7	397.7	414.1	423.4
15°	292.4	292.4	294.8	299.4	301.8	304.1	313.5	320.5	329.9	336.9	350.9
17.5°	322.8	327.5	315.8	304.1	290.1	278.4	301.8	325.2	348.6	372.0	383.7
20°	306.5	313.5	322.8	329.9	339.2	346.2	348.6	348.6	350.9	350.9	350.9
22.5°	320.5	306.5	318.2	332.2	343.9	355.6	350.9	346.2	341.6	336.9	357.9
25°	355.6	367.3	357.9	348.6	339.2	329.9	348.6	369.6	388.3	407.1	400.0
27.5°	364.9	355.6	367.3	379.0	390.7	402.4	395.4	390.7	383.7	376.6	390.7
30°	414.1	402.4	397.7	393.0	386.0	381.3	393.0	402.4	414.1	423.4	421.1
32.5°	456.2	432.8	432.8	432.8	430.5	430.5	430.5	432.8	432.8	432.8	449.2
35°	496.0	477.2	472.6	467.9	463.2	458.5	463.2	467.9	470.2	474.9	496.0
37.5°	517.0	496.0	496.0	496.0	496.0	496.0	498.3	503.0	505.3	507.7	531.0
40°	549.8	524.0	526.4	531.0	533.4	535.7	540.4	547.4	552.1	556.8	577.8
42.5°	596.6	568.5	570.8	575.5	577.8	580.2	589.5	596.6	605.9	612.9	636.3
45°	650.4	622.3	627.0	629.3	634.0	636.3	645.7	655.0	662.1	671.4	701.8
47.5°	718.2	690.1	697.1	701.8	708.8	713.5	720.5	725.2	732.2	736.9	769.7
50°	793.1	765.0	774.3	783.7	793.1	802.4	804.8	804.8	807.1	807.1	849.2
52.5°	889.0	860.9	870.3	882.0	891.3	900.7	905.4	910.0	912.4	917.1	959.2
55°	1001.3	975.5	989.6	1003.6	1017.6	1031.7	1034.0	1036.4	1036.4	1038.7	1080.8
57.5°	1146.3	1118.2	1137.0	1158.0	1176.7	1195.4	1195.4	1193.1	1193.1	1190.8	1232.9
60°	1305.4	1279.7	1303.1	1328.8	1352.2	1375.6	1368.6	1361.5	1352.2	1345.2	1392.0
62.5°	1473.8	1445.8	1480.9	1515.9	1551.0	1586.1	1572.1	1560.4	1546.4	1532.3	1581.4
65°	1656.3	1628.2	1670.3	1712.5	1754.6	1796.7	1770.9	1745.2	1717.1	1691.4	1747.5
67.5°	1831.8	1799.0	1843.5	1885.6	1930.0	1972.1	1941.7	1911.3	1880.9	1850.5	1916.0
70°	1967.5	1939.4	1979.2	2018.9	2058.7	2098.5	2068.0	2037.6	2007.2	1976.8	2056.4
72.5°	*2021.3*	*1988.5*	*2037.6*	*2089.1*	*2138.2*	*2187.4*	*2156.9*	*2126.5*	*2093.8*	*2063.4*	*2145.2*
75°	1990.8	1967.5	2035.3	2100.8	2168.6	2234.1	2189.7	2145.2	2100.8	2056.4	2128.9
77.5°	1815.4	1817.7	1913.6	2007.2	2103.1	2196.7	2117.2	2037.6	1958.1	1878.6	1913.6
80°	1429.4	1471.5	1581.4	1691.4	1799.0	1909.0	1794.3	1682.0	1567.4	1452.8	1429.4
82.5°	720.5	816.5	938.1	1062.1	1183.7	1305.4	1190.8	1078.5	963.8	849.2	776.7
85°	224.6	257.3	306.5	355.6	404.7	453.8	395.4	336.9	278.4	219.9	196.5
87.5°	18.7	21.1	21.1	18.7	18.7	16.4	18.7	21.1	21.1	23.4	21.1
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°	575.5	575.5	575.5	575.5	575.5	575.5	575.5	575.5	575.5	575.5	575.5
2.5°	545.1	540.4	538.1	531.0	524.0	517.0	510.0	510.0	512.3	512.3	512.3
5°	479.6	479.6	479.6	479.6	479.6	479.6	479.6	479.6	481.9	481.9	481.9
7.5°	463.2	460.9	458.5	456.2	456.2	453.8	451.5	444.5	435.1	428.1	418.8
10°	421.1	432.8	444.5	449.2	453.8	456.2	460.9	460.9	463.2	463.2	463.2
12.5°	435.1	444.5	453.8	451.5	449.2	446.8	444.5	435.1	423.4	414.1	402.4
15°	364.9	376.6	390.7	407.1	425.8	442.2	458.5	460.9	463.2	465.5	467.9
17.5°	397.7	409.4	421.1	425.8	432.8	437.5	442.2	432.8	421.1	411.7	400.0
20°	348.6	348.6	346.2	374.3	404.7	432.8	460.9	465.5	470.2	472.6	477.2
22.5°	376.6	397.7	416.4	414.1	411.7	409.4	407.1	407.1	407.1	404.7	404.7
25°	395.4	388.3	381.3	407.1	430.5	456.2	479.6	484.3	488.9	491.3	496.0
27.5°	407.1	421.1	435.1	430.5	425.8	418.8	414.1	416.4	421.1	423.4	425.8
30°	421.1	418.8	416.4	442.2	465.5	491.3	514.7	517.0	519.4	519.4	521.7
32.5°	463.2	479.6	493.6	505.3	519.4	531.0	542.7	563.8	587.2	608.2	629.3
35°	517.0	535.7	556.8	580.2	603.6	627.0	650.4	655.0	662.1	666.7	671.4
37.5°	552.1	575.5	596.6	622.3	648.0	671.4	697.1	701.8	704.2	708.8	711.2
40°	598.9	619.9	641.0	669.1	697.1	722.9	751.0	755.6	758.0	762.7	765.0
42.5°	657.4	680.8	701.8	729.9	755.6	783.7	809.4	811.8	816.5	818.8	821.1
45°	729.9	760.3	788.4	814.1	837.5	863.2	886.6	889.0	891.3	891.3	893.7
47.5°	802.4	832.8	865.6	891.3	917.1	940.4	966.2	970.9	973.2	977.9	980.2
50°	889.0	931.1	970.9	994.3	1020.0	1043.4	1066.8	1069.1	1073.8	1076.1	1078.5
52.5°	998.9	1041.0	1080.8	1104.2	1129.9	1153.3	1176.7	1179.1	1179.1	1181.4	1181.4
55°	1122.9	1165.0	1207.1	1230.5	1253.9	1277.3	1300.7	1300.7	1300.7	1298.4	1298.4
57.5°	1275.0	1314.8	1356.9	1380.3	1403.7	1427.0	1450.4	1450.4	1450.4	1450.4	1450.4
60°	1441.1	1487.9	1534.7	1555.7	1576.8	1597.8	1618.9	1614.2	1607.2	1602.5	1595.5
62.5°	1628.2	1677.4	1724.2	1740.5	1754.6	1770.9	1785.0	1778.0	1768.6	1761.6	1752.2
65°	1803.7	1859.8	1916.0	1927.7	1939.4	1948.7	1960.4	1948.7	1937.0	1923.0	1911.3
67.5°	1981.5	2044.7	2110.2	2114.8	2119.5	2124.2	2128.9	2117.2	2105.5	2091.4	2079.7
70°	2135.9	2215.4	2295.0	2297.3	2299.7	2302.0	2304.3	2292.6	2280.9	2266.9	2255.2
72.5°	*2224.8*	*2306.7*	*2386.2*	*2393.2*	*2397.9*	*2404.9*	*2409.6*	*2397.9*	*2388.5*	*2376.9*	*2365.2*
75°	2199.1	2271.6	2341.8	2334.7	2327.7	2318.4	2311.3	2292.6	2273.9	2252.9	2234.1
77.5°	1948.7	1981.5	2016.6	1979.2	1939.4	1901.9	1862.2	1843.5	1822.4	1803.7	1782.6
80°	1406.0	1380.3	1356.9	1286.7	1216.5	1144.0	1073.8	1027.0	980.2	933.4	886.6
82.5°	706.5	634.0	561.5	498.3	435.1	369.6	306.5	283.1	257.3	233.9	208.2
85°	175.5	152.1	128.7	119.3	110.0	100.6	91.2	79.5	70.2	58.5	46.8
87.5°	21.1	18.7	16.4	14.0	14.0	11.7	9.4	9.4	9.4	7.0	7.0
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):

	357.5°	360°
0°	575.5	575.5
2.5°	512.3	510.0
5°	481.9	481.9
7.5°	416.4	411.7
10°	463.2	463.2
12.5°	404.7	407.1
15°	467.9	467.9
17.5°	400.0	397.7
20°	477.2	477.2
22.5°	404.7	404.7
25°	496.0	493.6
27.5°	425.8	425.8
30°	521.7	521.7
32.5°	631.6	634.0
35°	673.8	673.8
37.5°	713.5	713.5
40°	765.0	762.7
42.5°	823.5	823.5
45°	896.0	896.0
47.5°	982.6	984.9
50°	1078.5	1078.5
52.5°	1181.4	1179.1
55°	1298.4	1298.4
57.5°	1443.4	1434.1
60°	1593.1	1590.8
62.5°	1749.9	1745.2
65°	1909.0	1904.3
67.5°	2077.4	2072.7
70°	2255.2	2252.9
72.5°	*2358.1*	*2351.1*
75°	2229.5	2224.8
77.5°	1763.9	1742.9
80°	874.9	863.2
82.5°	208.2	208.2
85°	44.4	42.1
87.5°	7.0	7.0
90°	0.0	0.0

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