

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: P561013

Luminaire Tested: **SDL-PA1-80-722-U-5WQ**

Issue Date: 7/26/2021

Test Information

Test Method: LM-79-08
Report Number: P561013
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-PA1-80-722-U-5WQ
Description: Springdale
(1) 70 CRI, 2200K, 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: 7087.1 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

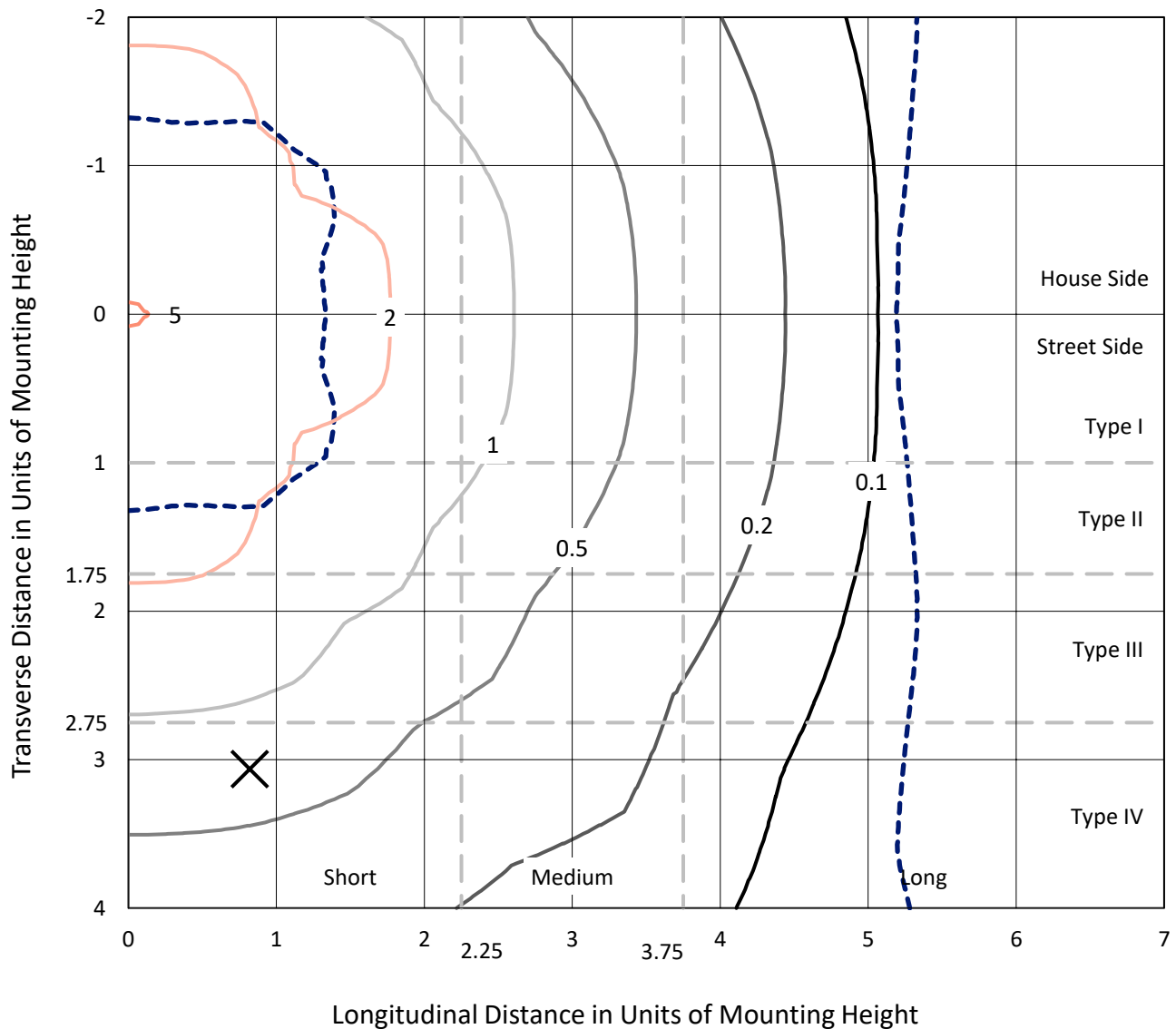


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
- - - 1/2 Max cd

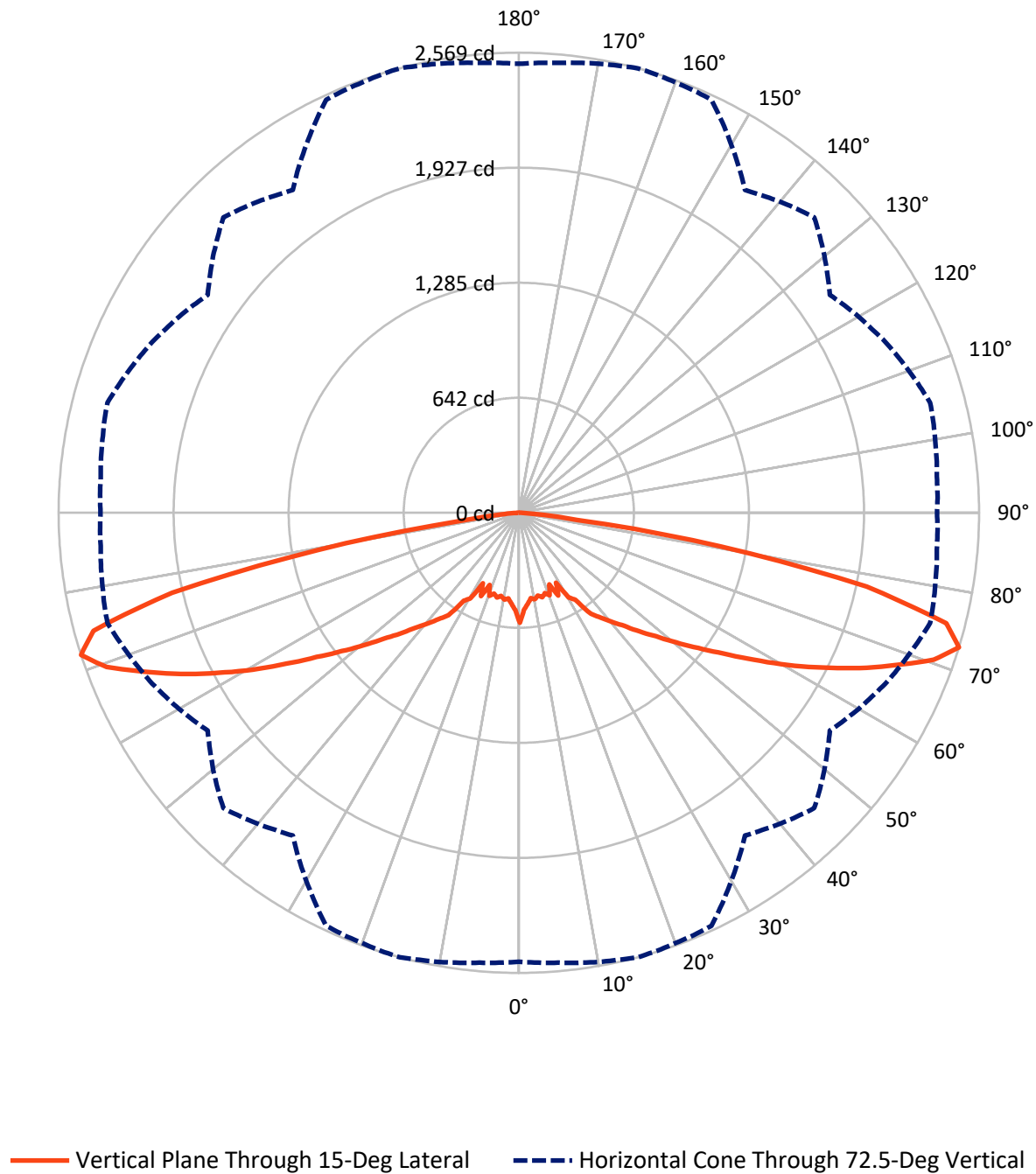


Based on 10 foot mounting height. Maximum calculated value = 6.1 fc
Type V - Short - N/A

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Luminous Intensity Polar Plot



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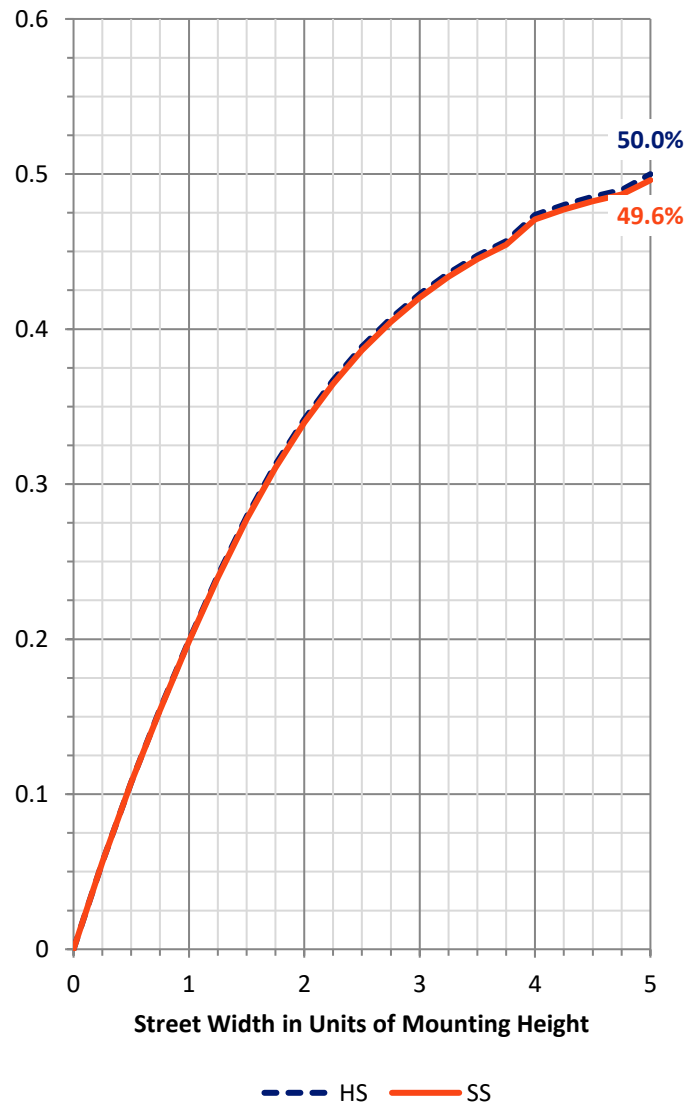
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3543.5	0.0	3543.5
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	3543.5	0.0	3543.5
	% Fixture	50.0	0.0	50.0
Total	Lumens	7087.1	0.0	7087.1
	% Fixture	100.0	0.0	100.0

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°	1138.4	16.1
60°-70°	1920.9	27.1
70°-80°	2240.6	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°	7087.1	100.0
0°-180°	7087.1	100.0

Coefficient of Utilization



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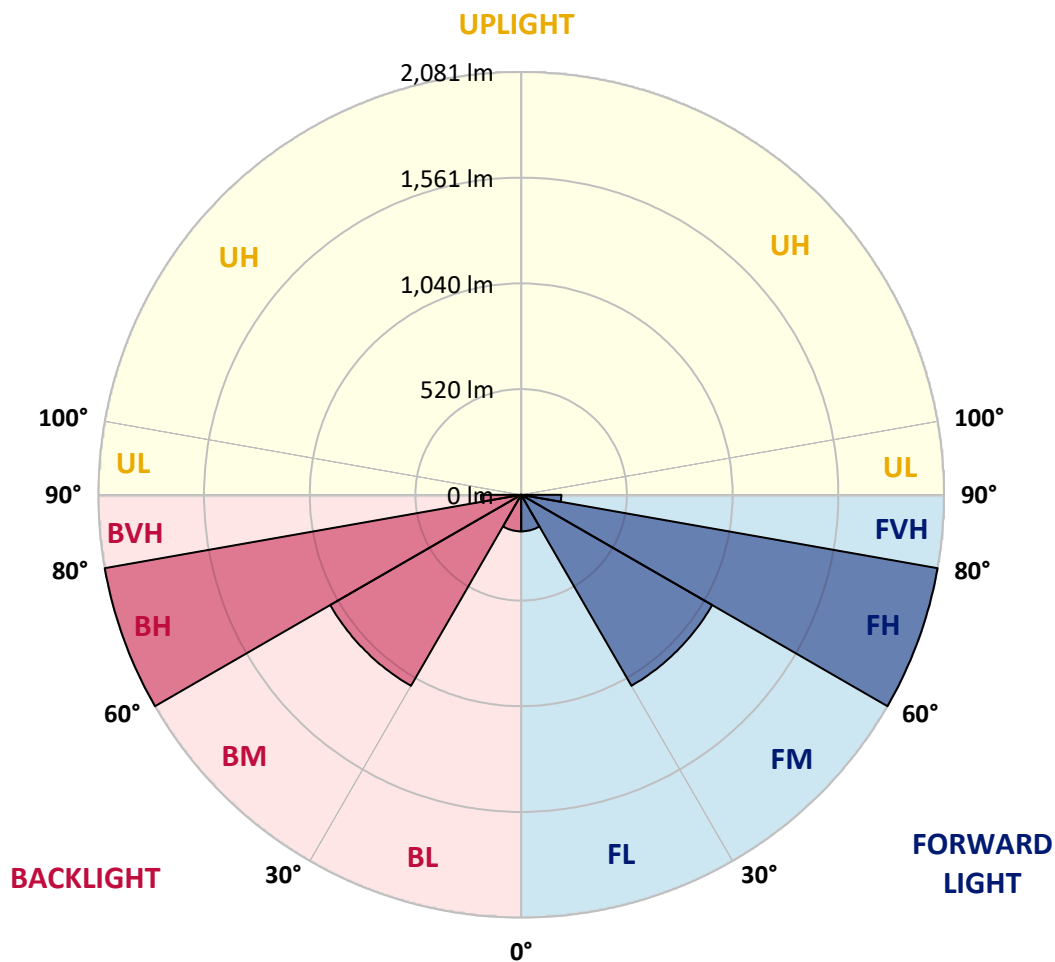
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	179.8	2.5			
FM	(30°-60°)	1085.3	15.3			
FH	(60°-80°)	2080.8	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°)	1085.3	15.3	B2/2500		
BH	(60°-80°)	2080.8	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°	543.8	546.3	546.3	546.3	546.3	543.8	543.8	551.2	558.7	566.2	573.7
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	446.5	456.5	463.9	473.9	481.4	483.9	486.4	486.4	488.9
10°	493.9	493.9	493.9	493.9	493.9	491.4	491.4	486.4	483.9	478.9	473.9
12.5°	434.0	431.5	429.0	441.5	451.5	463.9	473.9	476.4	478.9	481.4	483.9
15°	498.9	498.9	498.9	496.4	493.9	491.4	488.9	471.4	454.0	434.0	416.5
17.5°	424.0	426.5	426.5	439.0	449.0	461.4	471.4	466.4	461.4	454.0	449.0
20°	508.8	508.8	508.8	503.9	501.4	496.4	491.4	461.4	431.5	399.1	369.2
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	459.0	434.0	406.6
27.5°	454.0	454.0	454.0	451.5	449.0	444.0	441.5	446.5	454.0	459.0	463.9
30°	556.2	556.2	556.2	553.7	553.7	551.2	548.7	523.8	496.4	471.4	444.0
32.5°	676.0	673.5	671.0	648.5	626.1	601.1	578.7	566.2	553.7	538.8	526.3
35°	718.4	718.4	715.9	710.9	705.9	698.4	693.4	668.5	643.5	618.6	593.6
37.5°	760.8	760.8	758.3	755.8	750.8	748.3	743.3	715.9	690.9	663.5	636.0
40°	813.1	815.6	815.6	813.1	808.2	805.7	800.7	770.7	743.3	713.4	683.4
42.5°	878.0	878.0	875.5	873.0	870.5	865.5	863.0	835.6	805.7	778.2	748.3
45°	955.3	955.3	952.8	950.3	950.3	947.8	945.3	920.4	893.0	868.0	840.6
47.5°	1050.1	1047.6	1045.1	1042.6	1037.6	1035.1	1030.2	1002.7	977.8	950.3	922.9
50°	1149.9	1149.9	1149.9	1147.4	1144.9	1139.9	1137.4	1112.5	1087.5	1060.1	1035.1
52.5°	1257.1	1259.6	1259.6	1259.6	1257.1	1257.1	1254.6	1229.7	1204.8	1177.3	1152.4
55°	1384.3	1384.3	1384.3	1384.3	1386.8	1386.8	1386.8	1361.9	1337.0	1312.0	1287.1
57.5°	1529.0	1539.0	1546.5	1546.5	1546.5	1546.5	1546.5	1521.5	1496.6	1471.6	1446.7
60°	1696.1	1698.6	1701.1	1708.6	1713.6	1721.1	1726.1	1703.6	1681.2	1658.7	1636.3
62.5°	1860.8	1865.7	1868.2	1878.2	1885.7	1895.7	1903.2	1888.2	1870.7	1855.8	1838.3
65°	2030.4	2035.4	2037.9	2050.3	2065.3	2077.8	2090.2	2077.8	2067.8	2055.3	2042.8
67.5°	2210.0	2214.9	2217.4	2229.9	2244.9	2257.4	2269.8	2264.8	2259.8	2254.9	2249.9
70°	2402.0	2404.5	2404.5	2417.0	2432.0	2444.4	2456.9	2454.4	2451.9	2449.4	2446.9
72.5°	2506.8	2514.3	2521.7	2534.2	2546.7	2556.7	2569.1	2564.2	2556.7	2551.7	2544.2
75°	2372.1	2377.1	2382.1	2402.0	2424.5	2444.4	2464.4	2471.9	2481.8	2489.3	2496.8
77.5°	1858.3	1880.7	1900.7	1923.1	1943.1	1965.5	1985.5	2027.9	2067.8	2110.2	2150.1
80°	920.4	932.9	945.3	995.2	1045.1	1095.0	1144.9	1219.7	1297.0	1371.9	1446.7
82.5°	222.0	222.0	222.0	249.4	274.4	301.8	326.8	394.1	463.9	531.3	598.6
85°	44.9	47.4	49.9	62.4	74.8	84.8	97.3	107.3	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°	576.2	581.2	583.7	586.2	588.7	591.2	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°	491.4	493.9	496.4	498.9	498.9	498.9	496.4	496.4	493.9	493.9	491.4
10°	461.4	449.0	434.0	421.5	421.5	424.0	424.0	424.0	416.5	411.6	404.1
12.5°	473.9	463.9	451.5	441.5	424.0	409.1	391.6	374.1	369.2	364.2	359.2
15°	401.6	389.1	374.1	359.2	351.7	341.7	334.2	324.3	321.8	319.3	314.3
17.5°	436.5	424.0	409.1	396.6	371.7	346.7	321.8	296.8	309.3	324.3	336.7
20°	371.7	371.7	374.1	374.1	374.1	371.7	371.7	369.2	361.7	351.7	344.2
22.5°	424.0	401.6	381.6	359.2	364.2	369.2	374.1	379.1	366.7	354.2	339.2
25°	414.1	421.5	426.5	434.0	414.1	394.1	371.7	351.7	361.7	371.7	381.6
27.5°	449.0	434.0	416.5	401.6	409.1	416.5	421.5	429.0	416.5	404.1	391.6
30°	446.5	449.0	449.0	451.5	441.5	429.0	419.0	406.6	411.6	419.0	424.0
32.5°	511.3	493.9	478.9	461.4	461.4	461.4	459.0	459.0	459.0	461.4	461.4
35°	571.2	551.2	528.8	506.3	501.4	498.9	493.9	488.9	493.9	498.9	503.9
37.5°	613.6	588.7	566.2	541.3	538.8	536.3	531.3	528.8	528.8	528.8	528.8
40°	661.0	638.5	616.1	593.6	588.7	583.7	576.2	571.2	568.7	566.2	561.2
42.5°	725.8	700.9	678.5	653.5	646.0	636.0	628.6	618.6	616.1	613.6	608.6
45°	810.7	778.2	748.3	715.9	705.9	698.4	688.4	678.5	676.0	671.0	668.5
47.5°	888.0	855.5	820.6	785.7	780.7	773.2	768.2	760.8	755.8	748.3	743.3
50°	992.7	947.8	905.4	860.5	860.5	858.0	858.0	855.5	845.6	835.6	825.6
52.5°	1110.0	1065.1	1022.7	977.8	972.8	970.3	965.3	960.3	950.3	940.4	927.9
55°	1242.2	1197.3	1152.4	1107.5	1105.0	1105.0	1102.5	1100.0	1085.0	1070.1	1055.1
57.5°	1401.8	1359.4	1314.5	1269.6	1272.1	1272.1	1274.6	1274.6	1254.6	1234.7	1212.2
60°	1586.4	1536.5	1484.1	1434.2	1441.7	1451.7	1459.2	1466.7	1441.7	1416.8	1389.3
62.5°	1788.4	1736.0	1686.2	1633.8	1648.7	1663.7	1676.2	1691.1	1653.7	1616.3	1578.9
65°	1983.0	1923.1	1863.3	1803.4	1830.8	1860.8	1888.2	1915.6	1870.7	1825.8	1780.9
67.5°	2180.0	2112.7	2042.8	1973.0	2005.4	2037.9	2070.3	2102.7	2057.8	2010.4	1965.5
70°	2362.1	2277.3	2192.5	2107.7	2140.1	2172.5	2205.0	2237.4	2195.0	2152.6	2110.2
72.5°	2459.4	2372.1	2287.3	2200.0	2232.4	2267.3	2299.8	2332.2	2279.8	2227.4	2172.5
75°	2422.0	2344.7	2269.8	2192.5	2239.9	2287.3	2334.7	2382.1	2312.2	2239.9	2170.1
77.5°	2112.7	2077.8	2040.3	2002.9	2087.7	2172.5	2257.4	2342.2	2242.4	2140.1	2040.3
80°	1471.6	1499.1	1524.0	1549.0	1671.2	1793.4	1913.1	2035.4	1918.1	1803.4	1686.2
82.5°	676.0	753.3	828.1	905.4	1027.7	1149.9	1269.6	1391.8	1262.1	1132.4	1000.2
85°	162.1	187.1	209.5	234.5	296.8	359.2	421.5	483.9	431.5	379.1	326.8
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	533.8	543.8	556.2	566.2	571.2	578.7	583.7	588.7	591.2	591.2
7.5°	488.9	483.9	476.4	471.4	463.9	473.9	486.4	496.4	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	406.6	421.5
12.5°	354.2	356.7	359.2	361.7	364.2	356.7	349.2	339.2	331.7	344.2	356.7
15°	311.8	311.8	314.3	314.3	314.3	324.3	334.2	344.2	354.2	371.7	391.6
17.5°	349.2	344.2	339.2	331.7	326.8	329.2	329.2	331.7	331.7	341.7	349.2
20°	334.2	326.8	321.8	314.3	306.8	319.3	331.7	344.2	356.7	376.6	396.6
22.5°	326.8	341.7	354.2	369.2	381.6	374.1	366.7	356.7	349.2	349.2	349.2
25°	391.6	379.1	366.7	354.2	341.7	364.2	384.1	406.6	426.5	441.5	454.0
27.5°	379.1	389.1	399.1	406.6	416.5	429.0	441.5	454.0	466.4	488.9	508.8
30°	429.0	441.5	454.0	463.9	476.4	508.8	538.8	571.2	601.1	616.1	631.1
32.5°	461.4	486.4	508.8	533.8	556.2	573.7	591.2	608.6	626.1	641.0	658.5
35°	508.8	528.8	546.3	566.2	583.7	603.6	623.6	641.0	661.0	676.0	690.9
37.5°	528.8	551.2	573.7	593.6	616.1	641.0	663.5	688.4	710.9	723.4	733.3
40°	558.7	586.2	613.6	641.0	668.5	693.4	718.4	743.3	768.2	778.2	788.2
42.5°	606.1	636.0	666.0	693.4	723.4	750.8	775.7	803.2	828.1	838.1	848.1
45°	663.5	693.4	723.4	753.3	783.2	813.1	843.1	873.0	902.9	915.4	927.9
47.5°	735.8	765.8	798.2	828.1	858.0	895.5	930.4	967.8	1002.7	1012.7	1022.7
50°	815.6	845.6	875.5	905.4	935.4	982.8	1027.7	1075.0	1119.9	1124.9	1132.4
52.5°	917.9	947.8	975.3	1005.2	1032.6	1085.0	1137.4	1187.3	1239.7	1242.2	1247.2
55°	1040.1	1067.6	1097.5	1124.9	1152.4	1209.7	1264.6	1322.0	1376.9	1376.9	1379.4
57.5°	1192.3	1222.2	1252.1	1279.6	1309.5	1364.4	1419.3	1471.6	1526.5	1524.0	1521.5
60°	1364.4	1391.8	1416.8	1444.2	1469.1	1521.5	1576.4	1628.8	1681.2	1676.2	1668.7
62.5°	1541.5	1571.4	1601.3	1628.8	1658.7	1701.1	1746.0	1788.4	1830.8	1820.8	1810.9
65°	1736.0	1766.0	1798.4	1828.3	1858.3	1890.7	1925.6	1958.0	1990.5	1980.5	1973.0
67.5°	1918.1	1953.0	1988.0	2020.4	2055.3	2080.3	2105.2	2127.6	2152.6	2140.1	2127.6
70°	2067.8	2097.7	2127.6	2157.6	2187.5	2212.5	2237.4	2262.3	2287.3	2274.8	2262.3
72.5°	2120.2	2155.1	2190.0	2222.4	2257.4	2287.3	2317.2	2347.1	2377.1	2369.6	2359.6
75°	2097.7	2122.7	2147.6	2172.5	2197.5	2219.9	2244.9	2267.3	2289.8	2277.3	2264.8
77.5°	1938.1	1935.6	1930.6	1928.1	1923.1	1923.1	1925.6	1925.6	1925.6	1910.6	1895.7
80°	1568.9	1524.0	1479.1	1434.2	1389.3	1337.0	1284.6	1232.2	1179.8	1129.9	1080.0
82.5°	870.5	768.2	668.5	566.2	463.9	421.5	376.6	334.2	289.3	269.4	246.9
85°	274.4	239.5	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	591.2	591.2	588.7	583.7
7.5°	511.3	513.8	513.8	511.3	513.8	513.8	511.3	511.3	508.8	506.3	496.4
10°	434.0	446.5	446.5	446.5	446.5	446.5	434.0	421.5	406.6	394.1	391.6
12.5°	369.2	381.6	381.6	381.6	381.6	381.6	369.2	356.7	344.2	331.7	339.2
15°	409.1	426.5	426.5	426.5	426.5	426.5	409.1	391.6	371.7	354.2	344.2
17.5°	359.2	366.7	369.2	369.2	369.2	366.7	359.2	349.2	341.7	331.7	331.7
20°	414.1	434.0	436.5	439.0	436.5	434.0	414.1	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	454.0	441.5	426.5	406.6
27.5°	531.3	551.2	556.2	558.7	556.2	551.2	531.3	508.8	488.9	466.4	454.0
30°	646.0	661.0	661.0	661.0	661.0	661.0	646.0	631.1	616.1	601.1	571.2
32.5°	673.5	688.4	688.4	688.4	688.4	688.4	673.5	658.5	641.0	626.1	608.6
35°	703.4	718.4	720.9	720.9	720.9	718.4	703.4	690.9	676.0	661.0	641.0
37.5°	745.8	755.8	758.3	760.8	758.3	755.8	745.8	733.3	723.4	710.9	688.4
40°	795.7	805.7	805.7	805.7	805.7	805.7	795.7	788.2	778.2	768.2	743.3
42.5°	858.0	868.0	870.5	873.0	870.5	868.0	858.0	848.1	838.1	828.1	803.2
45°	937.9	950.3	952.8	955.3	952.8	950.3	937.9	927.9	915.4	902.9	873.0
47.5°	1032.6	1042.6	1042.6	1042.6	1042.6	1042.6	1032.6	1022.7	1012.7	1002.7	967.8
50°	1137.4	1142.4	1144.9	1144.9	1144.9	1142.4	1137.4	1132.4	1124.9	1119.9	1075.0
52.5°	1249.6	1252.1	1252.1	1249.6	1252.1	1252.1	1249.6	1247.2	1242.2	1239.7	1187.3
55°	1379.4	1379.4	1376.9	1371.9	1376.9	1379.4	1379.4	1379.4	1376.9	1376.9	1322.0
57.5°	1519.0	1516.5	1516.5	1514.0	1516.5	1516.5	1519.0	1521.5	1524.0	1526.5	1471.6
60°	1663.7	1656.2	1653.7	1648.7	1653.7	1656.2	1663.7	1668.7	1676.2	1681.2	1628.8
62.5°	1800.9	1790.9	1790.9	1790.9	1790.9	1790.9	1800.9	1810.9	1820.8	1830.8	1788.4
65°	1963.0	1953.0	1948.1	1943.1	1948.1	1953.0	1963.0	1973.0	1980.5	1990.5	1958.0
67.5°	2115.2	2102.7	2097.7	2090.2	2097.7	2102.7	2115.2	2127.6	2140.1	2152.6	2127.6
70°	2247.4	2234.9	2232.4	2229.9	2232.4	2234.9	2247.4	2262.3	2274.8	2287.3	2262.3
72.5°	2352.1	2342.2	2339.7	2334.7	2339.7	2342.2	2352.1	2359.6	2369.6	2377.1	2347.1
75°	2252.4	2239.9	2232.4	2222.4	2232.4	2239.9	2252.4	2264.8	2277.3	2289.8	2267.3
77.5°	1880.7	1865.7	1860.8	1853.3	1860.8	1865.7	1880.7	1895.7	1910.6	1925.6	1925.6
80°	1030.2	980.3	967.8	952.8	967.8	980.3	1030.2	1080.0	1129.9	1179.8	1232.2
82.5°	227.0	204.5	197.1	187.1	197.1	204.5	227.0	246.9	269.4	289.3	334.2
85°	77.3	69.8	64.9	59.9	64.9	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°	578.7	571.2	566.2	556.2	543.8	533.8	521.3	518.8	516.3	513.8	511.3
7.5°	486.4	473.9	463.9	471.4	476.4	483.9	488.9	491.4	493.9	493.9	496.4
10°	389.1	384.1	381.6	386.6	389.1	394.1	396.6	404.1	411.6	416.5	424.0
12.5°	349.2	356.7	364.2	361.7	359.2	356.7	354.2	359.2	364.2	369.2	374.1
15°	334.2	324.3	314.3	314.3	314.3	311.8	311.8	314.3	319.3	321.8	324.3
17.5°	329.2	329.2	326.8	331.7	339.2	344.2	349.2	336.7	324.3	309.3	296.8
20°	331.7	319.3	306.8	314.3	321.8	326.8	334.2	344.2	351.7	361.7	369.2
22.5°	366.7	374.1	381.6	369.2	354.2	341.7	326.8	339.2	354.2	366.7	379.1
25°	384.1	364.2	341.7	354.2	366.7	379.1	391.6	381.6	371.7	361.7	351.7
27.5°	441.5	429.0	416.5	406.6	399.1	389.1	379.1	391.6	404.1	416.5	429.0
30°	538.8	508.8	476.4	463.9	454.0	441.5	429.0	424.0	419.0	411.6	406.6
32.5°	591.2	573.7	556.2	533.8	508.8	486.4	461.4	461.4	461.4	459.0	459.0
35°	623.6	603.6	583.7	566.2	546.3	528.8	508.8	503.9	498.9	493.9	488.9
37.5°	663.5	641.0	616.1	593.6	573.7	551.2	528.8	528.8	528.8	528.8	528.8
40°	718.4	693.4	668.5	641.0	613.6	586.2	558.7	561.2	566.2	568.7	571.2
42.5°	775.7	750.8	723.4	693.4	666.0	636.0	606.1	608.6	613.6	616.1	618.6
45°	843.1	813.1	783.2	753.3	723.4	693.4	663.5	668.5	671.0	676.0	678.5
47.5°	930.4	895.5	858.0	828.1	798.2	765.8	735.8	743.3	748.3	755.8	760.8
50°	1027.7	982.8	935.4	905.4	875.5	845.6	815.6	825.6	835.6	845.6	855.5
52.5°	1137.4	1085.0	1032.6	1005.2	975.3	947.8	917.9	927.9	940.4	950.3	960.3
55°	1264.6	1209.7	1152.4	1124.9	1097.5	1067.6	1040.1	1055.1	1070.1	1085.0	1100.0
57.5°	1419.3	1364.4	1309.5	1279.6	1252.1	1222.2	1192.3	1212.2	1234.7	1254.6	1274.6
60°	1576.4	1521.5	1469.1	1444.2	1416.8	1391.8	1364.4	1389.3	1416.8	1441.7	1466.7
62.5°	1746.0	1701.1	1658.7	1628.8	1601.3	1571.4	1541.5	1578.9	1616.3	1653.7	1691.1
65°	1925.6	1890.7	1858.3	1828.3	1798.4	1766.0	1736.0	1780.9	1825.8	1870.7	1915.6
67.5°	2105.2	2080.3	2055.3	2020.4	1988.0	1953.0	1918.1	1965.5	2010.4	2057.8	2102.7
70°	2237.4	2212.5	2187.5	2157.6	2127.6	2097.7	2067.8	2110.2	2152.6	2195.0	2237.4
72.5°	2317.2	2287.3	2257.4	2222.4	2190.0	2155.1	2120.2	2172.5	2227.4	2279.8	2332.2
75°	2244.9	2219.9	2197.5	2172.5	2147.6	2122.7	2097.7	2170.1	2239.9	2312.2	2382.1
77.5°	1925.6	1923.1	1923.1	1928.1	1930.6	1935.6	1938.1	2040.3	2140.1	2242.4	2342.2
80°	1284.6	1337.0	1389.3	1434.2	1479.1	1524.0	1568.9	1686.2	1803.4	1918.1	2035.4
82.5°	376.6	421.5	463.9	566.2	668.5	768.2	870.5	1000.2	1132.4	1262.1	1391.8
85°	119.7	127.2	134.7	169.6	204.5	239.5	274.4	326.8	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	591.2	588.7	586.2	583.7	581.2	576.2	573.7	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°	496.4	498.9	498.9	498.9	496.4	493.9	491.4	488.9	486.4	486.4	483.9
10°	424.0	424.0	421.5	421.5	434.0	449.0	461.4	473.9	478.9	483.9	486.4
12.5°	391.6	409.1	424.0	441.5	451.5	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	454.0	471.4
17.5°	321.8	346.7	371.7	396.6	409.1	424.0	436.5	449.0	454.0	461.4	466.4
20°	371.7	371.7	374.1	374.1	374.1	371.7	371.7	369.2	399.1	431.5	461.4
22.5°	374.1	369.2	364.2	359.2	381.6	401.6	424.0	444.0	441.5	439.0	436.5
25°	371.7	394.1	414.1	434.0	426.5	421.5	414.1	406.6	434.0	459.0	486.4
27.5°	421.5	416.5	409.1	401.6	416.5	434.0	449.0	463.9	459.0	454.0	446.5
30°	419.0	429.0	441.5	451.5	449.0	449.0	446.5	444.0	471.4	496.4	523.8
32.5°	459.0	461.4	461.4	461.4	478.9	493.9	511.3	526.3	538.8	553.7	566.2
35°	493.9	498.9	501.4	506.3	528.8	551.2	571.2	593.6	618.6	643.5	668.5
37.5°	531.3	536.3	538.8	541.3	566.2	588.7	613.6	636.0	663.5	690.9	715.9
40°	576.2	583.7	588.7	593.6	616.1	638.5	661.0	683.4	713.4	743.3	770.7
42.5°	628.6	636.0	646.0	653.5	678.5	700.9	725.8	748.3	778.2	805.7	835.6
45°	688.4	698.4	705.9	715.9	748.3	778.2	810.7	840.6	868.0	893.0	920.4
47.5°	768.2	773.2	780.7	785.7	820.6	855.5	888.0	922.9	950.3	977.8	1002.7
50°	858.0	858.0	860.5	860.5	905.4	947.8	992.7	1035.1	1060.1	1087.5	1112.5
52.5°	965.3	970.3	972.8	977.8	1022.7	1065.1	1110.0	1152.4	1177.3	1204.8	1229.7
55°	1102.5	1105.0	1105.0	1107.5	1152.4	1197.3	1242.2	1287.1	1312.0	1337.0	1361.9
57.5°	1274.6	1272.1	1272.1	1269.6	1314.5	1359.4	1401.8	1446.7	1471.6	1496.6	1521.5
60°	1459.2	1451.7	1441.7	1434.2	1484.1	1536.5	1586.4	1636.3	1658.7	1681.2	1703.6
62.5°	1676.2	1663.7	1648.7	1633.8	1686.2	1736.0	1788.4	1838.3	1855.8	1870.7	1888.2
65°	1888.2	1860.8	1830.8	1803.4	1863.3	1923.1	1983.0	2042.8	2055.3	2067.8	2077.8
67.5°	2070.3	2037.9	2005.4	1973.0	2042.8	2112.7	2180.0	2249.9	2254.9	2259.8	2264.8
70°	2205.0	2172.5	2140.1	2107.7	2192.5	2277.3	2362.1	2446.9	2449.4	2451.9	2454.4
72.5°	2299.8	2267.3	2232.4	2200.0	2287.3	2372.1	2459.4	2544.2	2551.7	2556.7	2564.2
75°	2334.7	2287.3	2239.9	2192.5	2269.8	2344.7	2422.0	2496.8	2489.3	2481.8	2471.9
77.5°	2257.4	2172.5	2087.7	2002.9	2040.3	2077.8	2112.7	2150.1	2110.2	2067.8	2027.9
80°	1913.1	1793.4	1671.2	1549.0	1524.0	1499.1	1471.6	1446.7	1371.9	1297.0	1219.7
82.5°	1269.6	1149.9	1027.7	905.4	828.1	753.3	676.0	598.6	531.3	463.9	394.1
85°	421.5	359.2	296.8	234.5	209.5	187.1	162.1	137.2	127.2	117.2	107.3
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°	543.8	543.8	546.3	546.3	546.3	546.3	543.8	546.3	546.3	546.3	546.3
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	456.5	446.5	444.0	439.0	444.0	446.5	456.5	463.9
10°	491.4	491.4	493.9	493.9	493.9	493.9	493.9	493.9	493.9	493.9	493.9
12.5°	473.9	463.9	451.5	441.5	429.0	431.5	434.0	431.5	429.0	441.5	451.5
15°	488.9	491.4	493.9	496.4	498.9	498.9	498.9	498.9	498.9	496.4	493.9
17.5°	471.4	461.4	449.0	439.0	426.5	426.5	424.0	426.5	426.5	439.0	449.0
20°	491.4	496.4	501.4	503.9	508.8	508.8	508.8	508.8	508.8	503.9	501.4
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	449.0	451.5	454.0	454.0	454.0	454.0	454.0	451.5	449.0
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°	578.7	601.1	626.1	648.5	671.0	673.5	676.0	673.5	671.0	648.5	626.1
35°	693.4	698.4	705.9	710.9	715.9	718.4	718.4	718.4	715.9	710.9	705.9
37.5°	743.3	748.3	750.8	755.8	758.3	760.8	760.8	760.8	758.3	755.8	750.8
40°	800.7	805.7	808.2	813.1	815.6	815.6	813.1	815.6	815.6	813.1	808.2
42.5°	863.0	865.5	870.5	873.0	875.5	878.0	878.0	878.0	875.5	873.0	870.5
45°	945.3	947.8	950.3	950.3	952.8	955.3	955.3	955.3	952.8	950.3	950.3
47.5°	1030.2	1035.1	1037.6	1042.6	1045.1	1047.6	1050.1	1047.6	1045.1	1042.6	1037.6
50°	1137.4	1139.9	1144.9	1147.4	1149.9	1149.9	1149.9	1149.9	1149.9	1147.4	1144.9
52.5°	1254.6	1257.1	1257.1	1259.6	1259.6	1259.6	1257.1	1259.6	1259.6	1259.6	1257.1
55°	1386.8	1386.8	1386.8	1384.3	1384.3	1384.3	1384.3	1384.3	1384.3	1384.3	1386.8
57.5°	1546.5	1546.5	1546.5	1546.5	1546.5	1539.0	1529.0	1539.0	1546.5	1546.5	1546.5
60°	1726.1	1721.1	1713.6	1708.6	1701.1	1698.6	1696.1	1698.6	1701.1	1708.6	1713.6
62.5°	1903.2	1895.7	1885.7	1878.2	1868.2	1865.7	1860.8	1865.7	1868.2	1878.2	1885.7
65°	2090.2	2077.8	2065.3	2050.3	2037.9	2035.4	2030.4	2035.4	2037.9	2050.3	2065.3
67.5°	2269.8	2257.4	2244.9	2229.9	2217.4	2214.9	2210.0	2214.9	2217.4	2229.9	2244.9
70°	2456.9	2444.4	2432.0	2417.0	2404.5	2404.5	2402.0	2404.5	2404.5	2417.0	2432.0
72.5°	2569.1	2556.7	2546.7	2534.2	2521.7	2514.3	2506.8	2514.3	2521.7	2534.2	2546.7
75°	2464.4	2444.4	2424.5	2402.0	2382.1	2377.1	2372.1	2377.1	2382.1	2402.0	2424.5
77.5°	1985.5	1965.5	1943.1	1923.1	1900.7	1880.7	1858.3	1880.7	1900.7	1923.1	1943.1
80°	1144.9	1095.0	1045.1	995.2	945.3	932.9	920.4	932.9	945.3	995.2	1045.1
82.5°	326.8	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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CATALOG NUMBER: SDL-PA1-80-722-U-5WQ

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°	543.8	543.8	551.2	558.7	566.2	573.7	576.2	581.2	583.7	586.2	588.7
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	488.9	491.4	493.9	496.4	498.9	498.9
10°	491.4	491.4	486.4	483.9	478.9	473.9	461.4	449.0	434.0	421.5	421.5
12.5°	463.9	473.9	476.4	478.9	481.4	483.9	473.9	463.9	451.5	441.5	424.0
15°	491.4	488.9	471.4	454.0	434.0	416.5	401.6	389.1	374.1	359.2	351.7
17.5°	461.4	471.4	466.4	461.4	454.0	449.0	436.5	424.0	409.1	396.6	371.7
20°	496.4	491.4	461.4	431.5	399.1	369.2	371.7	371.7	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	364.2
25°	516.3	511.3	486.4	459.0	434.0	406.6	414.1	421.5	426.5	434.0	414.1
27.5°	444.0	441.5	446.5	454.0	459.0	463.9	449.0	434.0	416.5	401.6	409.1
30°	551.2	548.7	523.8	496.4	471.4	444.0	446.5	449.0	449.0	451.5	441.5
32.5°	601.1	578.7	566.2	553.7	538.8	526.3	511.3	493.9	478.9	461.4	461.4
35°	698.4	693.4	668.5	643.5	618.6	593.6	571.2	551.2	528.8	506.3	501.4
37.5°	748.3	743.3	715.9	690.9	663.5	636.0	613.6	588.7	566.2	541.3	538.8
40°	805.7	800.7	770.7	743.3	713.4	683.4	661.0	638.5	616.1	593.6	588.7
42.5°	865.5	863.0	835.6	805.7	778.2	748.3	725.8	700.9	678.5	653.5	646.0
45°	947.8	945.3	920.4	893.0	868.0	840.6	810.7	778.2	748.3	715.9	705.9
47.5°	1035.1	1030.2	1002.7	977.8	950.3	922.9	888.0	855.5	820.6	785.7	780.7
50°	1139.9	1137.4	1112.5	1087.5	1060.1	1035.1	992.7	947.8	905.4	860.5	860.5
52.5°	1257.1	1254.6	1229.7	1204.8	1177.3	1152.4	1110.0	1065.1	1022.7	977.8	972.8
55°	1386.8	1386.8	1361.9	1337.0	1312.0	1287.1	1242.2	1197.3	1152.4	1107.5	1105.0
57.5°	1546.5	1546.5	1521.5	1496.6	1471.6	1446.7	1401.8	1359.4	1314.5	1269.6	1272.1
60°	1721.1	1726.1	1703.6	1681.2	1658.7	1636.3	1586.4	1536.5	1484.1	1434.2	1441.7
62.5°	1895.7	1903.2	1888.2	1870.7	1855.8	1838.3	1788.4	1736.0	1686.2	1633.8	1648.7
65°	2077.8	2090.2	2077.8	2067.8	2055.3	2042.8	1983.0	1923.1	1863.3	1803.4	1830.8
67.5°	2257.4	2269.8	2264.8	2259.8	2254.9	2249.9	2180.0	2112.7	2042.8	1973.0	2005.4
70°	2444.4	2456.9	2454.4	2451.9	2449.4	2446.9	2362.1	2277.3	2192.5	2107.7	2140.1
72.5°	2556.7	2569.1	2564.2	2556.7	2551.7	2544.2	2459.4	2372.1	2287.3	2200.0	2232.4
75°	2444.4	2464.4	2471.9	2481.8	2489.3	2496.8	2422.0	2344.7	2269.8	2192.5	2239.9
77.5°	1965.5	1985.5	2027.9	2067.8	2110.2	2150.1	2112.7	2077.8	2040.3	2002.9	2087.7
80°	1095.0	1144.9	1219.7	1297.0	1371.9	1446.7	1471.6	1499.1	1524.0	1549.0	1671.2
82.5°	301.8	326.8	394.1	463.9	531.3	598.6	676.0	753.3	828.1	905.4	1027.7
85°	84.8	97.3	107.3	117.2	127.2	137.2	162.1	187.1	209.5	234.5	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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CATALOG NUMBER: SDL-PA1-80-722-U-5WQ

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°	591.2	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	533.8	543.8	556.2	566.2
7.5°	498.9	496.4	496.4	493.9	493.9	491.4	488.9	483.9	476.4	471.4	463.9
10°	424.0	424.0	424.0	416.5	411.6	404.1	396.6	394.1	389.1	386.6	381.6
12.5°	409.1	391.6	374.1	369.2	364.2	359.2	354.2	356.7	359.2	361.7	364.2
15°	341.7	334.2	324.3	321.8	319.3	314.3	311.8	311.8	314.3	314.3	314.3
17.5°	346.7	321.8	296.8	309.3	324.3	336.7	349.2	344.2	339.2	331.7	326.8
20°	371.7	371.7	369.2	361.7	351.7	344.2	334.2	326.8	321.8	314.3	306.8
22.5°	369.2	374.1	379.1	366.7	354.2	339.2	326.8	341.7	354.2	369.2	381.6
25°	394.1	371.7	351.7	361.7	371.7	381.6	391.6	379.1	366.7	354.2	341.7
27.5°	416.5	421.5	429.0	416.5	404.1	391.6	379.1	389.1	399.1	406.6	416.5
30°	429.0	419.0	406.6	411.6	419.0	424.0	429.0	441.5	454.0	463.9	476.4
32.5°	461.4	459.0	459.0	459.0	461.4	461.4	461.4	486.4	508.8	533.8	556.2
35°	498.9	493.9	488.9	493.9	498.9	503.9	508.8	528.8	546.3	566.2	583.7
37.5°	536.3	531.3	528.8	528.8	528.8	528.8	528.8	551.2	573.7	593.6	616.1
40°	583.7	576.2	571.2	568.7	566.2	561.2	558.7	586.2	613.6	641.0	668.5
42.5°	636.0	628.6	618.6	616.1	613.6	608.6	606.1	636.0	666.0	693.4	723.4
45°	698.4	688.4	678.5	676.0	671.0	668.5	663.5	693.4	723.4	753.3	783.2
47.5°	773.2	768.2	760.8	755.8	748.3	743.3	735.8	765.8	798.2	828.1	858.0
50°	858.0	858.0	855.5	845.6	835.6	825.6	815.6	845.6	875.5	905.4	935.4
52.5°	970.3	965.3	960.3	950.3	940.4	927.9	917.9	947.8	975.3	1005.2	1032.6
55°	1105.0	1102.5	1100.0	1085.0	1070.1	1055.1	1040.1	1067.6	1097.5	1124.9	1152.4
57.5°	1272.1	1274.6	1274.6	1254.6	1234.7	1212.2	1192.3	1222.2	1252.1	1279.6	1309.5
60°	1451.7	1459.2	1466.7	1441.7	1416.8	1389.3	1364.4	1391.8	1416.8	1444.2	1469.1
62.5°	1663.7	1676.2	1691.1	1653.7	1616.3	1578.9	1541.5	1571.4	1601.3	1628.8	1658.7
65°	1860.8	1888.2	1915.6	1870.7	1825.8	1780.9	1736.0	1766.0	1798.4	1828.3	1858.3
67.5°	2037.9	2070.3	2102.7	2057.8	2010.4	1965.5	1918.1	1953.0	1988.0	2020.4	2055.3
70°	2172.5	2205.0	2237.4	2195.0	2152.6	2110.2	2067.8	2097.7	2127.6	2157.6	2187.5
72.5°	2267.3	2299.8	2332.2	2279.8	2227.4	2172.5	2120.2	2155.1	2190.0	2222.4	2257.4
75°	2287.3	2334.7	2382.1	2312.2	2239.9	2170.1	2097.7	2122.7	2147.6	2172.5	2197.5
77.5°	2172.5	2257.4	2342.2	2242.4	2140.1	2040.3	1938.1	1935.6	1930.6	1928.1	1923.1
80°	1793.4	1913.1	2035.4	1918.1	1803.4	1686.2	1568.9	1524.0	1479.1	1434.2	1389.3
82.5°	1149.9	1269.6	1391.8	1262.1	1132.4	1000.2	870.5	768.2	668.5	566.2	463.9
85°	359.2	421.5	483.9	431.5	379.1	326.8	274.4	239.5	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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CATALOG NUMBER: SDL-PA1-80-722-U-5WQ

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	578.7	583.7	588.7	591.2	591.2	593.6	593.6	593.6	593.6	593.6
7.5°	473.9	486.4	496.4	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	406.6	421.5	434.0	446.5	446.5	446.5	446.5
12.5°	356.7	349.2	339.2	331.7	344.2	356.7	369.2	381.6	381.6	381.6	381.6
15°	324.3	334.2	344.2	354.2	371.7	391.6	409.1	426.5	426.5	426.5	426.5
17.5°	329.2	329.2	331.7	331.7	341.7	349.2	359.2	366.7	369.2	369.2	369.2
20°	319.3	331.7	344.2	356.7	376.6	396.6	414.1	434.0	436.5	439.0	436.5
22.5°	374.1	366.7	356.7	349.2	349.2	349.2	346.7	346.7	349.2	349.2	349.2
25°	364.2	384.1	406.6	426.5	441.5	454.0	468.9	481.4	481.4	478.9	481.4
27.5°	429.0	441.5	454.0	466.4	488.9	508.8	531.3	551.2	556.2	558.7	556.2
30°	508.8	538.8	571.2	601.1	616.1	631.1	646.0	661.0	661.0	661.0	661.0
32.5°	573.7	591.2	608.6	626.1	641.0	658.5	673.5	688.4	688.4	688.4	688.4
35°	603.6	623.6	641.0	661.0	676.0	690.9	703.4	718.4	720.9	720.9	720.9
37.5°	641.0	663.5	688.4	710.9	723.4	733.3	745.8	755.8	758.3	760.8	758.3
40°	693.4	718.4	743.3	768.2	778.2	788.2	795.7	805.7	805.7	805.7	805.7
42.5°	750.8	775.7	803.2	828.1	838.1	848.1	858.0	868.0	870.5	873.0	870.5
45°	813.1	843.1	873.0	902.9	915.4	927.9	937.9	950.3	952.8	955.3	952.8
47.5°	895.5	930.4	967.8	1002.7	1012.7	1022.7	1032.6	1042.6	1042.6	1042.6	1042.6
50°	982.8	1027.7	1075.0	1119.9	1124.9	1132.4	1137.4	1142.4	1144.9	1144.9	1144.9
52.5°	1085.0	1137.4	1187.3	1239.7	1242.2	1247.2	1249.6	1252.1	1252.1	1249.6	1252.1
55°	1209.7	1264.6	1322.0	1376.9	1376.9	1379.4	1379.4	1379.4	1376.9	1371.9	1376.9
57.5°	1364.4	1419.3	1471.6	1526.5	1524.0	1521.5	1519.0	1516.5	1516.5	1514.0	1516.5
60°	1521.5	1576.4	1628.8	1681.2	1676.2	1668.7	1663.7	1656.2	1653.7	1648.7	1653.7
62.5°	1701.1	1746.0	1788.4	1830.8	1820.8	1810.9	1800.9	1790.9	1790.9	1790.9	1790.9
65°	1890.7	1925.6	1958.0	1990.5	1980.5	1973.0	1963.0	1953.0	1948.1	1943.1	1948.1
67.5°	2080.3	2105.2	2127.6	2152.6	2140.1	2127.6	2115.2	2102.7	2097.7	2090.2	2097.7
70°	2212.5	2237.4	2262.3	2287.3	2274.8	2262.3	2247.4	2234.9	2232.4	2229.9	2232.4
72.5°	2287.3	2317.2	2347.1	2377.1	2369.6	2359.6	2352.1	2342.2	2339.7	2334.7	2339.7
75°	2219.9	2244.9	2267.3	2289.8	2277.3	2264.8	2252.4	2239.9	2232.4	2222.4	2232.4
77.5°	1923.1	1925.6	1925.6	1925.6	1910.6	1895.7	1880.7	1865.7	1860.8	1853.3	1860.8
80°	1337.0	1284.6	1232.2	1179.8	1129.9	1080.0	1030.2	980.3	967.8	952.8	967.8
82.5°	421.5	376.6	334.2	289.3	269.4	246.9	227.0	204.5	197.1	187.1	197.1
85°	127.2	119.7	109.7	102.3	94.8	87.3	77.3	69.8	64.9	59.9	64.9
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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CATALOG NUMBER: SDL-PA1-80-722-U-5WQ

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	591.2	591.2	588.7	583.7	578.7	571.2	566.2	556.2	543.8
7.5°	513.8	511.3	511.3	508.8	506.3	496.4	486.4	473.9	463.9	471.4	476.4
10°	446.5	434.0	421.5	406.6	394.1	391.6	389.1	384.1	381.6	386.6	389.1
12.5°	381.6	369.2	356.7	344.2	331.7	339.2	349.2	356.7	364.2	361.7	359.2
15°	426.5	409.1	391.6	371.7	354.2	344.2	334.2	324.3	314.3	314.3	314.3
17.5°	366.7	359.2	349.2	341.7	331.7	331.7	329.2	329.2	326.8	331.7	339.2
20°	434.0	414.1	396.6	376.6	356.7	344.2	331.7	319.3	306.8	314.3	321.8
22.5°	346.7	346.7	349.2	349.2	349.2	356.7	366.7	374.1	381.6	369.2	354.2
25°	481.4	468.9	454.0	441.5	426.5	406.6	384.1	364.2	341.7	354.2	366.7
27.5°	551.2	531.3	508.8	488.9	466.4	454.0	441.5	429.0	416.5	406.6	399.1
30°	661.0	646.0	631.1	616.1	601.1	571.2	538.8	508.8	476.4	463.9	454.0
32.5°	688.4	673.5	658.5	641.0	626.1	608.6	591.2	573.7	556.2	533.8	508.8
35°	718.4	703.4	690.9	676.0	661.0	641.0	623.6	603.6	583.7	566.2	546.3
37.5°	755.8	745.8	733.3	723.4	710.9	688.4	663.5	641.0	616.1	593.6	573.7
40°	805.7	795.7	788.2	778.2	768.2	743.3	718.4	693.4	668.5	641.0	613.6
42.5°	868.0	858.0	848.1	838.1	828.1	803.2	775.7	750.8	723.4	693.4	666.0
45°	950.3	937.9	927.9	915.4	902.9	873.0	843.1	813.1	783.2	753.3	723.4
47.5°	1042.6	1032.6	1022.7	1012.7	1002.7	967.8	930.4	895.5	858.0	828.1	798.2
50°	1142.4	1137.4	1132.4	1124.9	1119.9	1075.0	1027.7	982.8	935.4	905.4	875.5
52.5°	1252.1	1249.6	1247.2	1242.2	1239.7	1187.3	1137.4	1085.0	1032.6	1005.2	975.3
55°	1379.4	1379.4	1379.4	1376.9	1376.9	1322.0	1264.6	1209.7	1152.4	1124.9	1097.5
57.5°	1516.5	1519.0	1521.5	1524.0	1526.5	1471.6	1419.3	1364.4	1309.5	1279.6	1252.1
60°	1656.2	1663.7	1668.7	1676.2	1681.2	1628.8	1576.4	1521.5	1469.1	1444.2	1416.8
62.5°	1790.9	1800.9	1810.9	1820.8	1830.8	1788.4	1746.0	1701.1	1658.7	1628.8	1601.3
65°	1953.0	1963.0	1973.0	1980.5	1990.5	1958.0	1925.6	1890.7	1858.3	1828.3	1798.4
67.5°	2102.7	2115.2	2127.6	2140.1	2152.6	2127.6	2105.2	2080.3	2055.3	2020.4	1988.0
70°	2234.9	2247.4	2262.3	2274.8	2287.3	2262.3	2237.4	2212.5	2187.5	2157.6	2127.6
72.5°	2342.2	2352.1	2359.6	2369.6	2377.1	2347.1	2317.2	2287.3	2257.4	2222.4	2190.0
75°	2239.9	2252.4	2264.8	2277.3	2289.8	2267.3	2244.9	2219.9	2197.5	2172.5	2147.6
77.5°	1865.7	1880.7	1895.7	1910.6	1925.6	1925.6	1925.6	1923.1	1923.1	1928.1	1930.6
80°	980.3	1030.2	1080.0	1129.9	1179.8	1232.2	1284.6	1337.0	1389.3	1434.2	1479.1
82.5°	204.5	227.0	246.9	269.4	289.3	334.2	376.6	421.5	463.9	566.2	668.5
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	591.2	588.7	586.2	583.7
5°	533.8	521.3	518.8	516.3	513.8	511.3	511.3	511.3	511.3	511.3	511.3
7.5°	483.9	488.9	491.4	493.9	493.9	496.4	496.4	498.9	498.9	498.9	496.4
10°	394.1	396.6	404.1	411.6	416.5	424.0	424.0	424.0	421.5	421.5	434.0
12.5°	356.7	354.2	359.2	364.2	369.2	374.1	391.6	409.1	424.0	441.5	451.5
15°	311.8	311.8	314.3	319.3	321.8	324.3	334.2	341.7	351.7	359.2	374.1
17.5°	344.2	349.2	336.7	324.3	309.3	296.8	321.8	346.7	371.7	396.6	409.1
20°	326.8	334.2	344.2	351.7	361.7	369.2	371.7	371.7	374.1	374.1	374.1
22.5°	341.7	326.8	339.2	354.2	366.7	379.1	374.1	369.2	364.2	359.2	381.6
25°	379.1	391.6	381.6	371.7	361.7	351.7	371.7	394.1	414.1	434.0	426.5
27.5°	389.1	379.1	391.6	404.1	416.5	429.0	421.5	416.5	409.1	401.6	416.5
30°	441.5	429.0	424.0	419.0	411.6	406.6	419.0	429.0	441.5	451.5	449.0
32.5°	486.4	461.4	461.4	461.4	459.0	459.0	459.0	461.4	461.4	461.4	478.9
35°	528.8	508.8	503.9	498.9	493.9	488.9	493.9	498.9	501.4	506.3	528.8
37.5°	551.2	528.8	528.8	528.8	528.8	528.8	531.3	536.3	538.8	541.3	566.2
40°	586.2	558.7	561.2	566.2	568.7	571.2	576.2	583.7	588.7	593.6	616.1
42.5°	636.0	606.1	608.6	613.6	616.1	618.6	628.6	636.0	646.0	653.5	678.5
45°	693.4	663.5	668.5	671.0	676.0	678.5	688.4	698.4	705.9	715.9	748.3
47.5°	765.8	735.8	743.3	748.3	755.8	760.8	768.2	773.2	780.7	785.7	820.6
50°	845.6	815.6	825.6	835.6	845.6	855.5	858.0	858.0	860.5	860.5	905.4
52.5°	947.8	917.9	927.9	940.4	950.3	960.3	965.3	970.3	972.8	977.8	1022.7
55°	1067.6	1040.1	1055.1	1070.1	1085.0	1100.0	1102.5	1105.0	1105.0	1107.5	1152.4
57.5°	1222.2	1192.3	1212.2	1234.7	1254.6	1274.6	1274.6	1272.1	1272.1	1269.6	1314.5
60°	1391.8	1364.4	1389.3	1416.8	1441.7	1466.7	1459.2	1451.7	1441.7	1434.2	1484.1
62.5°	1571.4	1541.5	1578.9	1616.3	1653.7	1691.1	1676.2	1663.7	1648.7	1633.8	1686.2
65°	1766.0	1736.0	1780.9	1825.8	1870.7	1915.6	1888.2	1860.8	1830.8	1803.4	1863.3
67.5°	1953.0	1918.1	1965.5	2010.4	2057.8	2102.7	2070.3	2037.9	2005.4	1973.0	2042.8
70°	2097.7	2067.8	2110.2	2152.6	2195.0	2237.4	2205.0	2172.5	2140.1	2107.7	2192.5
72.5°	2155.1	2120.2	2172.5	2227.4	2279.8	2332.2	2299.8	2267.3	2232.4	2200.0	2287.3
75°	2122.7	2097.7	2170.1	2239.9	2312.2	2382.1	2334.7	2287.3	2239.9	2192.5	2269.8
77.5°	1935.6	1938.1	2040.3	2140.1	2242.4	2342.2	2257.4	2172.5	2087.7	2002.9	2040.3
80°	1524.0	1568.9	1686.2	1803.4	1918.1	2035.4	1913.1	1793.4	1671.2	1549.0	1524.0
82.5°	768.2	870.5	1000.2	1132.4	1262.1	1391.8	1269.6	1149.9	1027.7	905.4	828.1
85°	239.5	274.4	326.8	379.1	431.5	483.9	421.5	359.2	296.8	234.5	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°	581.2	576.2	573.7	566.2	558.7	551.2	543.8	543.8	546.3	546.3	546.3
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°	493.9	491.4	488.9	486.4	486.4	483.9	481.4	473.9	463.9	456.5	446.5
10°	449.0	461.4	473.9	478.9	483.9	486.4	491.4	491.4	493.9	493.9	493.9
12.5°	463.9	473.9	483.9	481.4	478.9	476.4	473.9	463.9	451.5	441.5	429.0
15°	389.1	401.6	416.5	434.0	454.0	471.4	488.9	491.4	493.9	496.4	498.9
17.5°	424.0	436.5	449.0	454.0	461.4	466.4	471.4	461.4	449.0	439.0	426.5
20°	371.7	371.7	369.2	399.1	431.5	461.4	491.4	496.4	501.4	503.9	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	414.1	406.6	434.0	459.0	486.4	511.3	516.3	521.3	523.8	528.8
27.5°	434.0	449.0	463.9	459.0	454.0	446.5	441.5	444.0	449.0	451.5	454.0
30°	449.0	446.5	444.0	471.4	496.4	523.8	548.7	551.2	553.7	553.7	556.2
32.5°	493.9	511.3	526.3	538.8	553.7	566.2	578.7	601.1	626.1	648.5	671.0
35°	551.2	571.2	593.6	618.6	643.5	668.5	693.4	698.4	705.9	710.9	715.9
37.5°	588.7	613.6	636.0	663.5	690.9	715.9	743.3	748.3	750.8	755.8	758.3
40°	638.5	661.0	683.4	713.4	743.3	770.7	800.7	805.7	808.2	813.1	815.6
42.5°	700.9	725.8	748.3	778.2	805.7	835.6	863.0	865.5	870.5	873.0	875.5
45°	778.2	810.7	840.6	868.0	893.0	920.4	945.3	947.8	950.3	950.3	952.8
47.5°	855.5	888.0	922.9	950.3	977.8	1002.7	1030.2	1035.1	1037.6	1042.6	1045.1
50°	947.8	992.7	1035.1	1060.1	1087.5	1112.5	1137.4	1139.9	1144.9	1147.4	1149.9
52.5°	1065.1	1110.0	1152.4	1177.3	1204.8	1229.7	1254.6	1257.1	1257.1	1259.6	1259.6
55°	1197.3	1242.2	1287.1	1312.0	1337.0	1361.9	1386.8	1386.8	1386.8	1384.3	1384.3
57.5°	1359.4	1401.8	1446.7	1471.6	1496.6	1521.5	1546.5	1546.5	1546.5	1546.5	1546.5
60°	1536.5	1586.4	1636.3	1658.7	1681.2	1703.6	1726.1	1721.1	1713.6	1708.6	1701.1
62.5°	1736.0	1788.4	1838.3	1855.8	1870.7	1888.2	1903.2	1895.7	1885.7	1878.2	1868.2
65°	1923.1	1983.0	2042.8	2055.3	2067.8	2077.8	2090.2	2077.8	2065.3	2050.3	2037.9
67.5°	2112.7	2180.0	2249.9	2254.9	2259.8	2264.8	2269.8	2257.4	2244.9	2229.9	2217.4
70°	2277.3	2362.1	2446.9	2449.4	2451.9	2454.4	2456.9	2444.4	2432.0	2417.0	2404.5
72.5°	2372.1	2459.4	2544.2	2551.7	2556.7	2564.2	2569.1	2556.7	2546.7	2534.2	2521.7
75°	2344.7	2422.0	2496.8	2489.3	2481.8	2471.9	2464.4	2444.4	2424.5	2402.0	2382.1
77.5°	2077.8	2112.7	2150.1	2110.2	2067.8	2027.9	1985.5	1965.5	1943.1	1923.1	1900.7
80°	1499.1	1471.6	1446.7	1371.9	1297.0	1219.7	1144.9	1095.0	1045.1	995.2	945.3
82.5°	753.3	676.0	598.6	531.3	463.9	394.1	326.8	301.8	274.4	249.4	222.0
85°	187.1	162.1	137.2	127.2	117.2	107.3	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°	546.3	543.8
5°	513.8	513.8
7.5°	444.0	439.0
10°	493.9	493.9
12.5°	431.5	434.0
15°	498.9	498.9
17.5°	426.5	424.0
20°	508.8	508.8
22.5°	431.5	431.5
25°	528.8	526.3
27.5°	454.0	454.0
30°	556.2	556.2
32.5°	673.5	676.0
35°	718.4	718.4
37.5°	760.8	760.8
40°	815.6	813.1
42.5°	878.0	878.0
45°	955.3	955.3
47.5°	1047.6	1050.1
50°	1149.9	1149.9
52.5°	1259.6	1257.1
55°	1384.3	1384.3
57.5°	1539.0	1529.0
60°	1698.6	1696.1
62.5°	1865.7	1860.8
65°	2035.4	2030.4
67.5°	2214.9	2210.0
70°	2404.5	2402.0
72.5°	2514.3	2506.8
75°	2377.1	2372.1
77.5°	1880.7	1858.3
80°	932.9	920.4
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)