

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: P561167

Luminaire Tested: **SDL-PA1-80-830-U-5WQ**

Issue Date: 7/26/2021

Test Information

Test Method: LM-79-08
Report Number: P561167
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-PA1-80-830-U-5WQ
Description: Springdale
(1) 80 CRI, 3000K, 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: 7659.7 lumens
Efficiency: N/A
Efficacy: 93.4 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

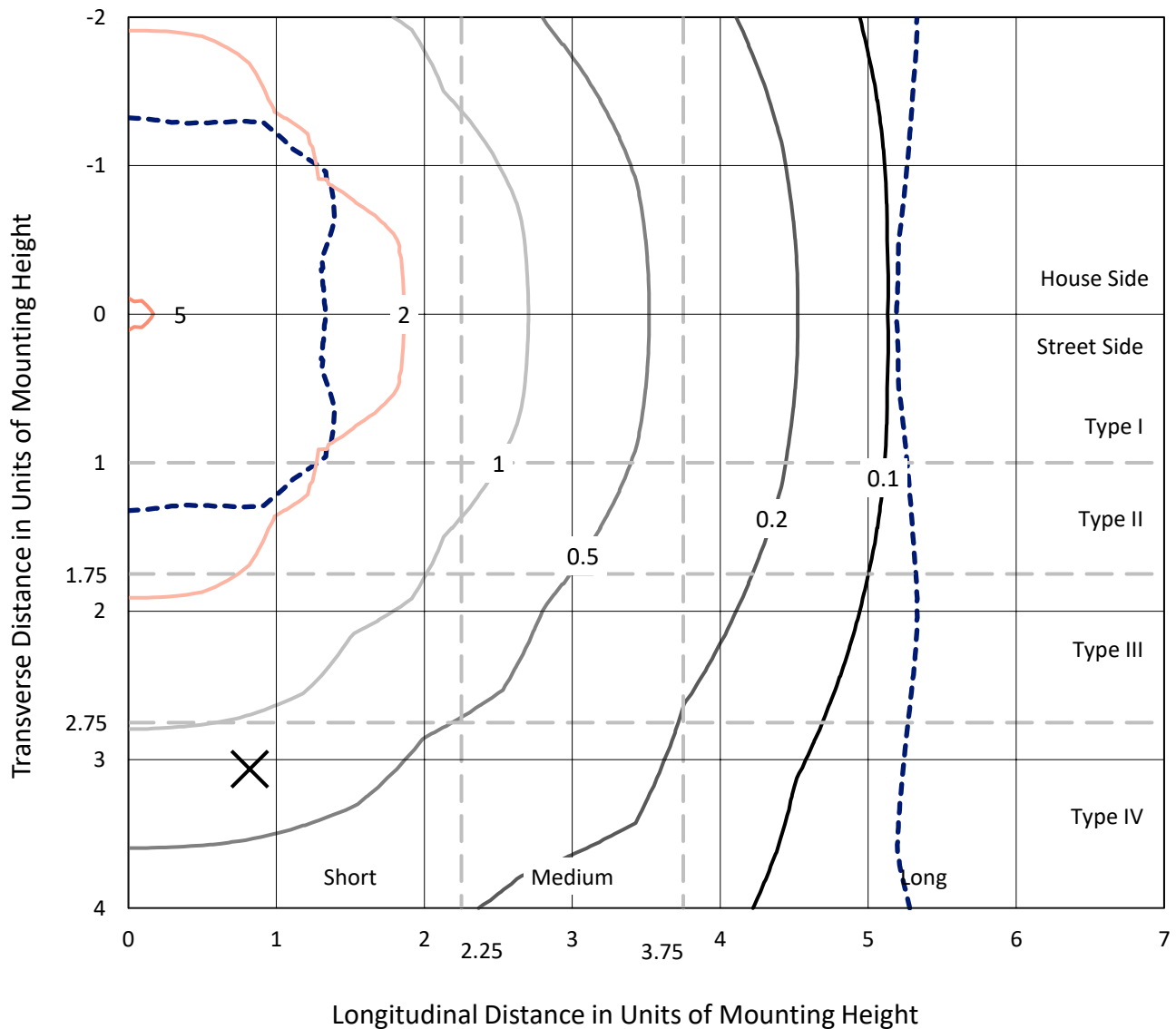


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

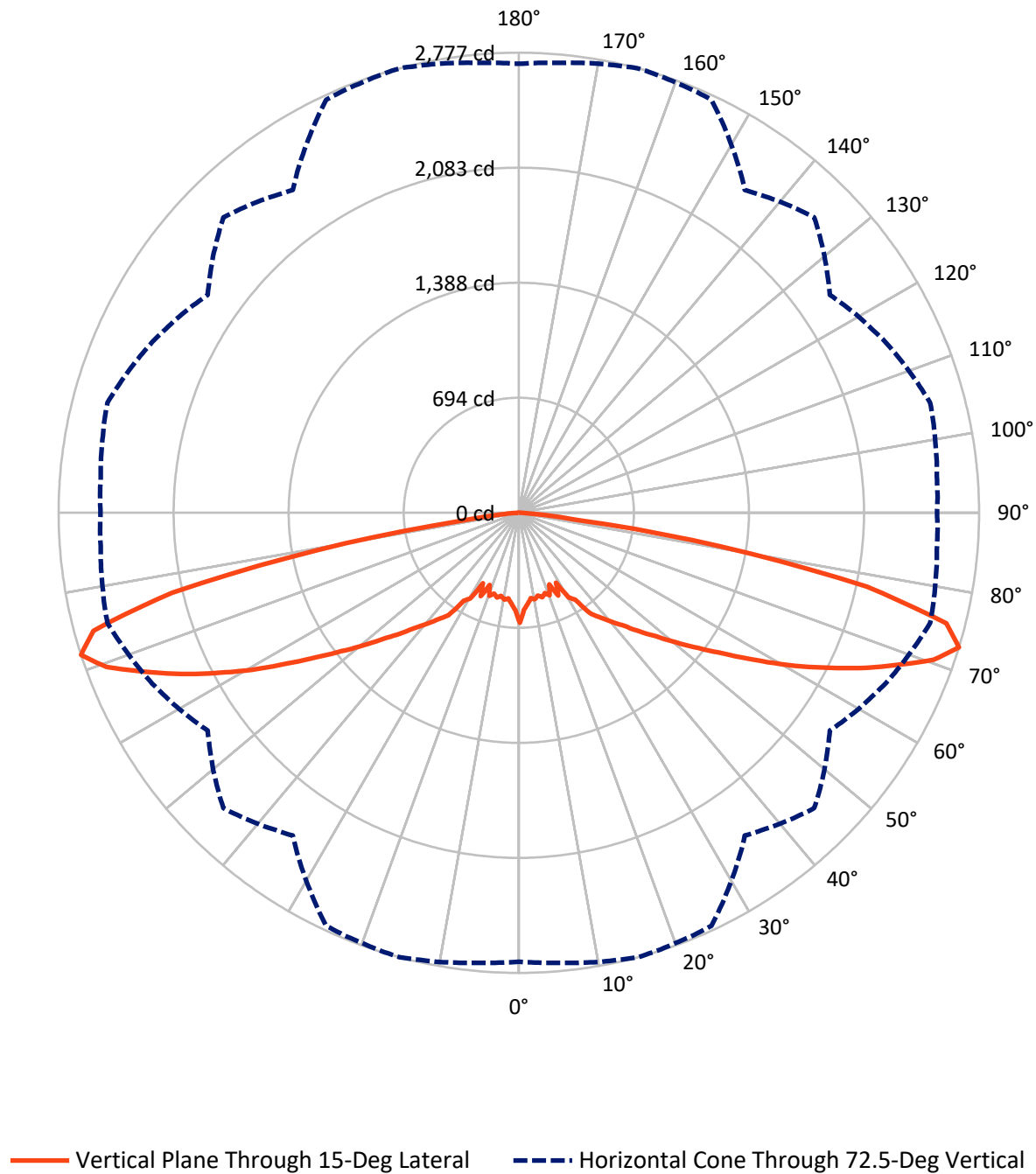


Based on 10 foot mounting height. Maximum calculated value = 6.6 fc
 Type V - Short - N/A

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Luminous Intensity Polar Plot



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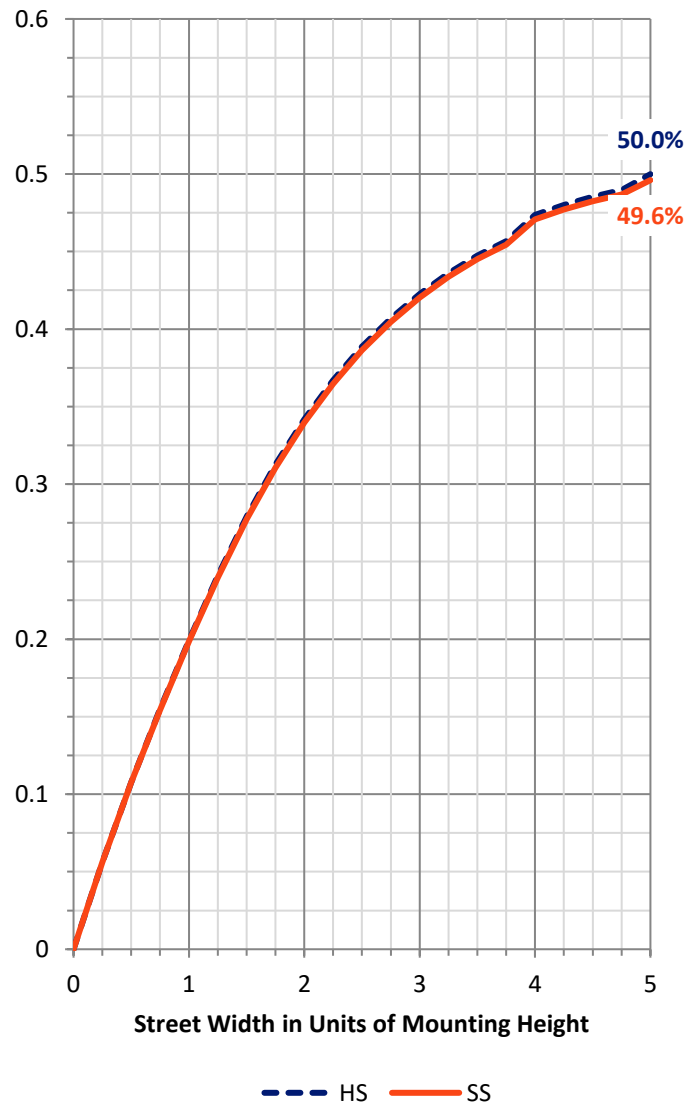
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3829.9	0.0	3829.9
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	3829.9	0.0	3829.9
	% Fixture	50.0	0.0	50.0
Total	Lumens	7659.7	0.0	7659.7
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	52.1	0.7
10°-20°	120.9	1.6
20°-30°	215.8	2.8
30°-40°	412.7	5.4
40°-50°	702.9	9.2
50°-60°	1230.4	16.1
60°-70°	2076.2	27.1
70°-80°	2421.7	31.6
80°-90°	427.2	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°	7659.7	100.0
0°-180°	7659.7	100.0

Coefficient of Utilization



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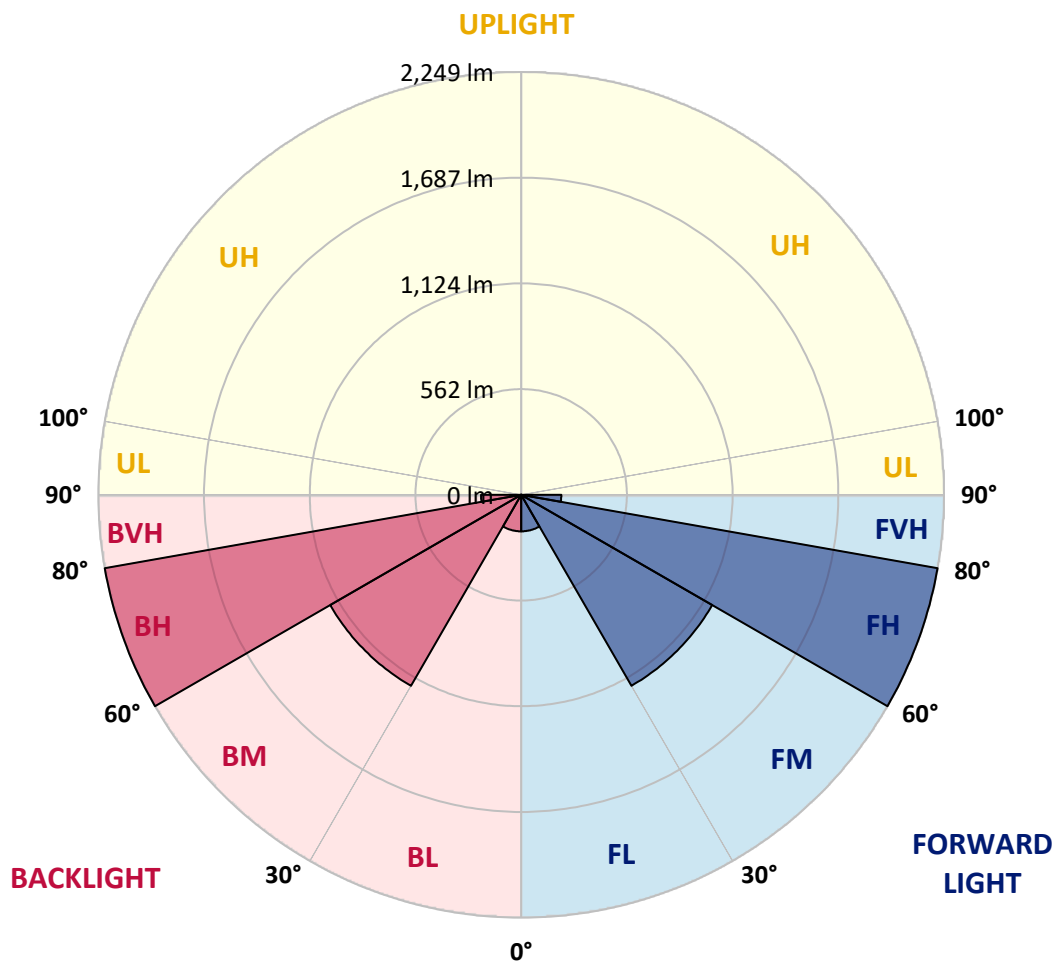
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	194.4	2.5			
FM	(30°-60°)	1173.0	15.3			
FH	(60°-80°)	2248.9	29.4			G2/5000
FVH	(80°-90°)	213.6	2.8			G2/225
BL	(0°-30°)	194.4	2.5	B1/500		
BM	(30°-60°)	1173.0	15.3	B2/2500		
BH	(60°-80°)	2248.9	29.4	B3/2500		G2/5000
BVH	(80°-90°)	213.6	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°	663.2	663.2	663.2	663.2	663.2	663.2	663.2	663.2	663.2	663.2	663.2
2.5°	587.7	590.4	590.4	590.4	590.4	587.7	587.7	595.8	603.9	612.0	620.0
5°	555.3	555.3	555.3	555.3	555.3	552.7	552.7	552.7	552.7	552.7	552.7
7.5°	474.5	479.9	482.6	493.3	501.4	512.2	520.3	523.0	525.7	525.7	528.4
10°	533.8	533.8	533.8	533.8	533.8	531.1	531.1	525.7	523.0	517.6	512.2
12.5°	469.1	466.4	463.7	477.2	487.9	501.4	512.2	514.9	517.6	520.3	523.0
15°	539.2	539.2	539.2	536.5	533.8	531.1	528.4	509.5	490.6	469.1	450.2
17.5°	458.3	461.0	461.0	474.5	485.3	498.7	509.5	504.1	498.7	490.6	485.3
20°	550.0	550.0	550.0	544.6	541.9	536.5	531.1	498.7	466.4	431.3	399.0
22.5°	466.4	466.4	466.4	466.4	469.1	469.1	469.1	471.8	474.5	477.2	479.9
25°	568.8	571.5	571.5	566.1	563.4	558.0	552.7	525.7	496.0	469.1	439.4
27.5°	490.6	490.6	490.6	487.9	485.3	479.9	477.2	482.6	490.6	496.0	501.4
30°	601.2	601.2	601.2	598.5	598.5	595.8	593.1	566.1	536.5	509.5	479.9
32.5°	730.6	727.9	725.2	700.9	676.7	649.7	625.4	612.0	598.5	582.3	568.8
35°	776.4	776.4	773.7	768.3	762.9	754.8	749.4	722.5	695.5	668.6	641.6
37.5°	822.2	822.2	819.5	816.8	811.5	808.8	803.4	773.7	746.8	717.1	687.4
40°	878.8	881.5	881.5	878.8	873.5	870.8	865.4	833.0	803.4	771.0	738.7
42.5°	948.9	948.9	946.2	943.5	940.9	935.5	932.8	903.1	870.8	841.1	808.8
45°	1032.5	1032.5	1029.8	1027.1	1027.1	1024.4	1021.7	994.8	965.1	938.2	908.5
47.5°	1135.0	1132.3	1129.6	1126.9	1121.5	1118.8	1113.4	1083.7	1056.8	1027.1	997.5
50°	1242.8	1242.8	1242.8	1240.1	1237.4	1232.0	1229.3	1202.4	1175.4	1145.7	1118.8
52.5°	1358.7	1361.4	1361.4	1361.4	1358.7	1358.7	1356.0	1329.1	1302.1	1272.4	1245.5
55°	1496.2	1496.2	1496.2	1496.2	1498.9	1498.9	1498.9	1471.9	1445.0	1418.0	1391.1
57.5°	1652.6	1663.3	1671.4	1671.4	1671.4	1671.4	1671.4	1644.5	1617.5	1590.6	1563.6
60°	1833.2	1835.9	1838.6	1846.7	1852.1	1860.1	1865.5	1841.3	1817.0	1792.7	1768.5
62.5°	2011.1	2016.5	2019.2	2030.0	2038.1	2048.8	2056.9	2040.8	2021.9	2005.7	1986.8
65°	2194.4	2199.8	2202.5	2216.0	2232.2	2245.6	2259.1	2245.6	2234.9	2221.4	2207.9
67.5°	2388.5	2393.9	2396.6	2410.1	2426.3	2439.7	2453.2	2447.8	2442.4	2437.1	2431.7
70°	2596.1	2598.8	2598.8	2612.3	2628.5	2641.9	2655.4	2652.7	2650.0	2647.3	2644.6
72.5°	2709.3	2717.4	2725.5	2739.0	2752.5	2763.3	2776.7	2771.3	2763.3	2757.9	2749.8
75°	2563.8	2569.1	2574.5	2596.1	2620.4	2641.9	2663.5	2671.6	2682.4	2690.5	2698.6
77.5°	2008.4	2032.7	2054.2	2078.5	2100.1	2124.3	2145.9	2191.7	2234.9	2280.7	2323.8
80°	994.8	1008.2	1021.7	1075.6	1129.6	1183.5	1237.4	1318.3	1401.8	1482.7	1563.6
82.5°	239.9	239.9	239.9	269.6	296.5	326.2	353.2	425.9	501.4	574.2	647.0
85°	48.5	51.2	53.9	67.4	80.9	91.7	105.1	115.9	126.7	137.5	148.3
87.5°	8.1	8.1	8.1	8.1	10.8	10.8	10.8	13.5	16.2	16.2	18.9
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°	663.2	663.2	663.2	663.2	663.2	663.2	663.2	663.2	663.2	663.2	663.2
2.5°	622.7	628.1	630.8	633.5	636.2	638.9	641.6	644.3	647.0	647.0	649.7
5°	552.7	552.7	552.7	552.7	552.7	552.7	552.7	552.7	555.3	558.0	560.7
7.5°	531.1	533.8	536.5	539.2	539.2	539.2	536.5	536.5	533.8	533.8	531.1
10°	498.7	485.3	469.1	455.6	455.6	458.3	458.3	458.3	450.2	444.8	436.7
12.5°	512.2	501.4	487.9	477.2	458.3	442.1	423.2	404.4	399.0	393.6	388.2
15°	434.0	420.6	404.4	388.2	380.1	369.3	361.2	350.5	347.8	345.1	339.7
17.5°	471.8	458.3	442.1	428.6	401.7	374.7	347.8	320.8	334.3	350.5	363.9
20°	401.7	401.7	404.4	404.4	404.4	401.7	401.7	399.0	390.9	380.1	372.0
22.5°	458.3	434.0	412.5	388.2	393.6	399.0	404.4	409.8	396.3	382.8	366.6
25°	447.5	455.6	461.0	469.1	447.5	425.9	401.7	380.1	390.9	401.7	412.5
27.5°	485.3	469.1	450.2	434.0	442.1	450.2	455.6	463.7	450.2	436.7	423.2
30°	482.6	485.3	485.3	487.9	477.2	463.7	452.9	439.4	444.8	452.9	458.3
32.5°	552.7	533.8	517.6	498.7	498.7	498.7	496.0	496.0	496.0	498.7	498.7
35°	617.4	595.8	571.5	547.3	541.9	539.2	533.8	528.4	533.8	539.2	544.6
37.5°	663.2	636.2	612.0	585.0	582.3	579.6	574.2	571.5	571.5	571.5	571.5
40°	714.4	690.1	665.9	641.6	636.2	630.8	622.7	617.4	614.7	612.0	606.6
42.5°	784.5	757.5	733.3	706.3	698.2	687.4	679.4	668.6	665.9	663.2	657.8
45°	876.2	841.1	808.8	773.7	762.9	754.8	744.1	733.3	730.6	725.2	722.5
47.5°	959.7	924.7	886.9	849.2	843.8	835.7	830.3	822.2	816.8	808.8	803.4
50°	1073.0	1024.4	978.6	930.1	930.1	927.4	927.4	924.7	913.9	903.1	892.3
52.5°	1199.7	1151.1	1105.3	1056.8	1051.4	1048.7	1043.3	1037.9	1027.1	1016.3	1002.9
55°	1342.5	1294.0	1245.5	1197.0	1194.3	1194.3	1191.6	1188.9	1172.7	1156.5	1140.3
57.5°	1515.1	1469.2	1420.7	1372.2	1374.9	1374.9	1377.6	1377.6	1356.0	1334.4	1310.2
60°	1714.6	1660.6	1604.0	1550.1	1558.2	1569.0	1577.1	1585.2	1558.2	1531.2	1501.6
62.5°	1932.9	1876.3	1822.4	1765.8	1782.0	1798.1	1811.6	1827.8	1787.4	1746.9	1706.5
65°	2143.2	2078.5	2013.8	1949.1	1978.8	2011.1	2040.8	2070.4	2021.9	1973.4	1924.8
67.5°	2356.2	2283.4	2207.9	2132.4	2167.5	2202.5	2237.6	2272.6	2224.1	2172.9	2124.3
70°	2553.0	2461.3	2369.7	2278.0	2313.0	2348.1	2383.1	2418.2	2372.4	2326.5	2280.7
72.5°	2658.1	2563.8	2472.1	2377.7	2412.8	2450.5	2485.6	2520.6	2464.0	2407.4	2348.1
75°	2617.7	2534.1	2453.2	2369.7	2420.9	2472.1	2523.3	2574.5	2499.1	2420.9	2345.4
77.5°	2283.4	2245.6	2205.2	2164.8	2256.4	2348.1	2439.7	2531.4	2423.6	2313.0	2205.2
80°	1590.6	1620.2	1647.2	1674.1	1806.2	1938.3	2067.7	2199.8	2073.1	1949.1	1822.4
82.5°	730.6	814.1	895.0	978.6	1110.7	1242.8	1372.2	1504.3	1364.1	1223.9	1081.0
85°	175.2	202.2	226.5	253.4	320.8	388.2	455.6	523.0	466.4	409.8	353.2
87.5°	21.6	24.3	24.3	27.0	24.3	24.3	21.6	18.9	21.6	21.6	24.3
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
0°	663.2	663.2	663.2	663.2	663.2	663.2	663.2	663.2	663.2	663.2	663.2
2.5°	649.7	652.4	652.4	655.1	655.1	655.1	655.1	652.4	652.4	652.4	655.1
5°	563.4	576.9	587.7	601.2	612.0	617.4	625.4	630.8	636.2	638.9	638.9
7.5°	528.4	523.0	514.9	509.5	501.4	512.2	525.7	536.5	547.3	550.0	552.7
10°	428.6	425.9	420.6	417.9	412.5	415.2	420.6	423.2	425.9	439.4	455.6
12.5°	382.8	385.5	388.2	390.9	393.6	385.5	377.4	366.6	358.5	372.0	385.5
15°	337.0	337.0	339.7	339.7	339.7	350.5	361.2	372.0	382.8	401.7	423.2
17.5°	377.4	372.0	366.6	358.5	353.2	355.9	355.9	358.5	358.5	369.3	377.4
20°	361.2	353.2	347.8	339.7	331.6	345.1	358.5	372.0	385.5	407.1	428.6
22.5°	353.2	369.3	382.8	399.0	412.5	404.4	396.3	385.5	377.4	377.4	377.4
25°	423.2	409.8	396.3	382.8	369.3	393.6	415.2	439.4	461.0	477.2	490.6
27.5°	409.8	420.6	431.3	439.4	450.2	463.7	477.2	490.6	504.1	528.4	550.0
30°	463.7	477.2	490.6	501.4	514.9	550.0	582.3	617.4	649.7	665.9	682.1
32.5°	498.7	525.7	550.0	576.9	601.2	620.0	638.9	657.8	676.7	692.8	711.7
35°	550.0	571.5	590.4	612.0	630.8	652.4	674.0	692.8	714.4	730.6	746.8
37.5°	571.5	595.8	620.0	641.6	665.9	692.8	717.1	744.1	768.3	781.8	792.6
40°	603.9	633.5	663.2	692.8	722.5	749.4	776.4	803.4	830.3	841.1	851.9
42.5°	655.1	687.4	719.8	749.4	781.8	811.5	838.4	868.1	895.0	905.8	916.6
45°	717.1	749.4	781.8	814.1	846.5	878.8	911.2	943.5	975.9	989.4	1002.9
47.5°	795.3	827.6	862.7	895.0	927.4	967.8	1005.6	1046.0	1083.7	1094.5	1105.3
50°	881.5	913.9	946.2	978.6	1010.9	1062.2	1110.7	1161.9	1210.4	1215.8	1223.9
52.5°	992.1	1024.4	1054.1	1086.4	1116.1	1172.7	1229.3	1283.2	1339.8	1342.5	1347.9
55°	1124.2	1153.8	1186.2	1215.8	1245.5	1307.5	1366.8	1428.8	1488.1	1488.1	1490.8
57.5°	1288.6	1321.0	1353.3	1383.0	1415.3	1474.6	1533.9	1590.6	1649.9	1647.2	1644.5
60°	1474.6	1504.3	1531.2	1560.9	1587.9	1644.5	1703.8	1760.4	1817.0	1811.6	1803.5
62.5°	1666.0	1698.4	1730.7	1760.4	1792.7	1838.6	1887.1	1932.9	1978.8	1968.0	1957.2
65°	1876.3	1908.7	1943.7	1976.1	2008.4	2043.5	2081.2	2116.2	2151.3	2140.5	2132.4
67.5°	2073.1	2110.9	2148.6	2183.6	2221.4	2248.3	2275.3	2299.6	2326.5	2313.0	2299.6
70°	2234.9	2267.2	2299.6	2331.9	2364.3	2391.2	2418.2	2445.1	2472.1	2458.6	2445.1
72.5°	2291.5	2329.2	2367.0	2402.0	2439.7	2472.1	2504.4	2536.8	2569.1	2561.1	2550.3
75°	2267.2	2294.2	2321.1	2348.1	2375.0	2399.3	2426.3	2450.5	2474.8	2461.3	2447.8
77.5°	2094.7	2092.0	2086.6	2083.9	2078.5	2078.5	2081.2	2081.2	2081.2	2065.0	2048.8
80°	1695.7	1647.2	1598.6	1550.1	1501.6	1445.0	1388.4	1331.8	1275.1	1221.2	1167.3
82.5°	940.9	830.3	722.5	612.0	501.4	455.6	407.1	361.2	312.7	291.2	266.9
85°	296.5	258.8	221.1	183.3	145.6	137.5	129.4	118.6	110.5	102.4	94.4
87.5°	24.3	21.6	21.6	18.9	16.2	13.5	13.5	10.8	8.1	8.1	8.1
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):

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
0°	663.2	663.2	663.2	663.2	663.2	663.2	663.2	663.2	663.2	663.2	663.2
2.5°	655.1	655.1	655.1	655.1	655.1	655.1	655.1	655.1	652.4	652.4	652.4
5°	641.6	641.6	641.6	641.6	641.6	641.6	641.6	638.9	638.9	636.2	630.8
7.5°	552.7	555.3	555.3	552.7	555.3	555.3	552.7	552.7	550.0	547.3	536.5
10°	469.1	482.6	482.6	482.6	482.6	482.6	469.1	455.6	439.4	425.9	423.2
12.5°	399.0	412.5	412.5	412.5	412.5	412.5	399.0	385.5	372.0	358.5	366.6
15°	442.1	461.0	461.0	461.0	461.0	461.0	442.1	423.2	401.7	382.8	372.0
17.5°	388.2	396.3	399.0	399.0	399.0	396.3	388.2	377.4	369.3	358.5	358.5
20°	447.5	469.1	471.8	474.5	471.8	469.1	447.5	428.6	407.1	385.5	372.0
22.5°	374.7	374.7	377.4	377.4	377.4	374.7	374.7	377.4	377.4	377.4	385.5
25°	506.8	520.3	520.3	517.6	520.3	520.3	506.8	490.6	477.2	461.0	439.4
27.5°	574.2	595.8	601.2	603.9	601.2	595.8	574.2	550.0	528.4	504.1	490.6
30°	698.2	714.4	714.4	714.4	714.4	714.4	698.2	682.1	665.9	649.7	617.4
32.5°	727.9	744.1	744.1	744.1	744.1	744.1	727.9	711.7	692.8	676.7	657.8
35°	760.2	776.4	779.1	779.1	779.1	776.4	760.2	746.8	730.6	714.4	692.8
37.5°	806.1	816.8	819.5	822.2	819.5	816.8	806.1	792.6	781.8	768.3	744.1
40°	860.0	870.8	870.8	870.8	870.8	870.8	860.0	851.9	841.1	830.3	803.4
42.5°	927.4	938.2	940.9	943.5	940.9	938.2	927.4	916.6	905.8	895.0	868.1
45°	1013.6	1027.1	1029.8	1032.5	1029.8	1027.1	1013.6	1002.9	989.4	975.9	943.5
47.5°	1116.1	1126.9	1126.9	1126.9	1126.9	1126.9	1116.1	1105.3	1094.5	1083.7	1046.0
50°	1229.3	1234.7	1237.4	1237.4	1237.4	1234.7	1229.3	1223.9	1215.8	1210.4	1161.9
52.5°	1350.6	1353.3	1353.3	1350.6	1353.3	1353.3	1350.6	1347.9	1342.5	1339.8	1283.2
55°	1490.8	1490.8	1488.1	1482.7	1488.1	1490.8	1490.8	1490.8	1488.1	1488.1	1428.8
57.5°	1641.8	1639.1	1639.1	1636.4	1639.1	1639.1	1641.8	1644.5	1647.2	1649.9	1590.6
60°	1798.1	1790.0	1787.4	1782.0	1787.4	1790.0	1798.1	1803.5	1811.6	1817.0	1760.4
62.5°	1946.4	1935.6	1935.6	1935.6	1935.6	1935.6	1946.4	1957.2	1968.0	1978.8	1932.9
65°	2121.6	2110.9	2105.5	2100.1	2105.5	2110.9	2121.6	2132.4	2140.5	2151.3	2116.2
67.5°	2286.1	2272.6	2267.2	2259.1	2267.2	2272.6	2286.1	2299.6	2313.0	2326.5	2299.6
70°	2429.0	2415.5	2412.8	2410.1	2412.8	2415.5	2429.0	2445.1	2458.6	2472.1	2445.1
72.5°	2542.2	2531.4	2528.7	2523.3	2528.7	2531.4	2542.2	2550.3	2561.1	2569.1	2536.8
75°	2434.4	2420.9	2412.8	2402.0	2412.8	2420.9	2434.4	2447.8	2461.3	2474.8	2450.5
77.5°	2032.7	2016.5	2011.1	2003.0	2011.1	2016.5	2032.7	2048.8	2065.0	2081.2	2081.2
80°	1113.4	1059.5	1046.0	1029.8	1046.0	1059.5	1113.4	1167.3	1221.2	1275.1	1331.8
82.5°	245.3	221.1	213.0	202.2	213.0	221.1	245.3	266.9	291.2	312.7	361.2
85°	83.6	75.5	70.1	64.7	70.1	75.5	83.6	94.4	102.4	110.5	118.6
87.5°	8.1	8.1	8.1	5.4	8.1	8.1	8.1	8.1	8.1	8.1	10.8
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°	663.2	663.2	663.2	663.2	663.2	663.2	663.2	663.2	663.2	663.2	663.2
2.5°	655.1	655.1	655.1	655.1	652.4	652.4	649.7	649.7	647.0	647.0	644.3
5°	625.4	617.4	612.0	601.2	587.7	576.9	563.4	560.7	558.0	555.3	552.7
7.5°	525.7	512.2	501.4	509.5	514.9	523.0	528.4	531.1	533.8	533.8	536.5
10°	420.6	415.2	412.5	417.9	420.6	425.9	428.6	436.7	444.8	450.2	458.3
12.5°	377.4	385.5	393.6	390.9	388.2	385.5	382.8	388.2	393.6	399.0	404.4
15°	361.2	350.5	339.7	339.7	339.7	337.0	337.0	339.7	345.1	347.8	350.5
17.5°	355.9	355.9	353.2	358.5	366.6	372.0	377.4	363.9	350.5	334.3	320.8
20°	358.5	345.1	331.6	339.7	347.8	353.2	361.2	372.0	380.1	390.9	399.0
22.5°	396.3	404.4	412.5	399.0	382.8	369.3	353.2	366.6	382.8	396.3	409.8
25°	415.2	393.6	369.3	382.8	396.3	409.8	423.2	412.5	401.7	390.9	380.1
27.5°	477.2	463.7	450.2	439.4	431.3	420.6	409.8	423.2	436.7	450.2	463.7
30°	582.3	550.0	514.9	501.4	490.6	477.2	463.7	458.3	452.9	444.8	439.4
32.5°	638.9	620.0	601.2	576.9	550.0	525.7	498.7	498.7	498.7	496.0	496.0
35°	674.0	652.4	630.8	612.0	590.4	571.5	550.0	544.6	539.2	533.8	528.4
37.5°	717.1	692.8	665.9	641.6	620.0	595.8	571.5	571.5	571.5	571.5	571.5
40°	776.4	749.4	722.5	692.8	663.2	633.5	603.9	606.6	612.0	614.7	617.4
42.5°	838.4	811.5	781.8	749.4	719.8	687.4	655.1	657.8	663.2	665.9	668.6
45°	911.2	878.8	846.5	814.1	781.8	749.4	717.1	722.5	725.2	730.6	733.3
47.5°	1005.6	967.8	927.4	895.0	862.7	827.6	795.3	803.4	808.8	816.8	822.2
50°	1110.7	1062.2	1010.9	978.6	946.2	913.9	881.5	892.3	903.1	913.9	924.7
52.5°	1229.3	1172.7	1116.1	1086.4	1054.1	1024.4	992.1	1002.9	1016.3	1027.1	1037.9
55°	1366.8	1307.5	1245.5	1215.8	1186.2	1153.8	1124.2	1140.3	1156.5	1172.7	1188.9
57.5°	1533.9	1474.6	1415.3	1383.0	1353.3	1321.0	1288.6	1310.2	1334.4	1356.0	1377.6
60°	1703.8	1644.5	1587.9	1560.9	1531.2	1504.3	1474.6	1501.6	1531.2	1558.2	1585.2
62.5°	1887.1	1838.6	1792.7	1760.4	1730.7	1698.4	1666.0	1706.5	1746.9	1787.4	1827.8
65°	2081.2	2043.5	2008.4	1976.1	1943.7	1908.7	1876.3	1924.8	1973.4	2021.9	2070.4
67.5°	2275.3	2248.3	2221.4	2183.6	2148.6	2110.9	2073.1	2124.3	2172.9	2224.1	2272.6
70°	2418.2	2391.2	2364.3	2331.9	2299.6	2267.2	2234.9	2280.7	2326.5	2372.4	2418.2
72.5°	2504.4	2472.1	2439.7	2402.0	2367.0	2329.2	2291.5	2348.1	2407.4	2464.0	2520.6
75°	2426.3	2399.3	2375.0	2348.1	2321.1	2294.2	2267.2	2345.4	2420.9	2499.1	2574.5
77.5°	2081.2	2078.5	2078.5	2083.9	2086.6	2092.0	2094.7	2205.2	2313.0	2423.6	2531.4
80°	1388.4	1445.0	1501.6	1550.1	1598.6	1647.2	1695.7	1822.4	1949.1	2073.1	2199.8
82.5°	407.1	455.6	501.4	612.0	722.5	830.3	940.9	1081.0	1223.9	1364.1	1504.3
85°	129.4	137.5	145.6	183.3	221.1	258.8	296.5	353.2	409.8	466.4	523.0
87.5°	13.5	13.5	16.2	18.9	21.6	21.6	24.3	24.3	21.6	21.6	18.9
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°	663.2	663.2	663.2	663.2	663.2	663.2	663.2	663.2	663.2	663.2	663.2
2.5°	641.6	638.9	636.2	633.5	630.8	628.1	622.7	620.0	612.0	603.9	595.8
5°	552.7	552.7	552.7	552.7	552.7	552.7	552.7	552.7	552.7	552.7	552.7
7.5°	536.5	539.2	539.2	539.2	536.5	533.8	531.1	528.4	525.7	525.7	523.0
10°	458.3	458.3	455.6	455.6	469.1	485.3	498.7	512.2	517.6	523.0	525.7
12.5°	423.2	442.1	458.3	477.2	487.9	501.4	512.2	523.0	520.3	517.6	514.9
15°	361.2	369.3	380.1	388.2	404.4	420.6	434.0	450.2	469.1	490.6	509.5
17.5°	347.8	374.7	401.7	428.6	442.1	458.3	471.8	485.3	490.6	498.7	504.1
20°	401.7	401.7	404.4	404.4	404.4	401.7	401.7	399.0	431.3	466.4	498.7
22.5°	404.4	399.0	393.6	388.2	412.5	434.0	458.3	479.9	477.2	474.5	471.8
25°	401.7	425.9	447.5	469.1	461.0	455.6	447.5	439.4	469.1	496.0	525.7
27.5°	455.6	450.2	442.1	434.0	450.2	469.1	485.3	501.4	496.0	490.6	482.6
30°	452.9	463.7	477.2	487.9	485.3	485.3	482.6	479.9	509.5	536.5	566.1
32.5°	496.0	498.7	498.7	498.7	517.6	533.8	552.7	568.8	582.3	598.5	612.0
35°	533.8	539.2	541.9	547.3	571.5	595.8	617.4	641.6	668.6	695.5	722.5
37.5°	574.2	579.6	582.3	585.0	612.0	636.2	663.2	687.4	717.1	746.8	773.7
40°	622.7	630.8	636.2	641.6	665.9	690.1	714.4	738.7	771.0	803.4	833.0
42.5°	679.4	687.4	698.2	706.3	733.3	757.5	784.5	808.8	841.1	870.8	903.1
45°	744.1	754.8	762.9	773.7	808.8	841.1	876.2	908.5	938.2	965.1	994.8
47.5°	830.3	835.7	843.8	849.2	886.9	924.7	959.7	997.5	1027.1	1056.8	1083.7
50°	927.4	927.4	930.1	930.1	978.6	1024.4	1073.0	1118.8	1145.7	1175.4	1202.4
52.5°	1043.3	1048.7	1051.4	1056.8	1105.3	1151.1	1199.7	1245.5	1272.4	1302.1	1329.1
55°	1191.6	1194.3	1194.3	1197.0	1245.5	1294.0	1342.5	1391.1	1418.0	1445.0	1471.9
57.5°	1377.6	1374.9	1374.9	1372.2	1420.7	1469.2	1515.1	1563.6	1590.6	1617.5	1644.5
60°	1577.1	1569.0	1558.2	1550.1	1604.0	1660.6	1714.6	1768.5	1792.7	1817.0	1841.3
62.5°	1811.6	1798.1	1782.0	1765.8	1822.4	1876.3	1932.9	1986.8	2005.7	2021.9	2040.8
65°	2040.8	2011.1	1978.8	1949.1	2013.8	2078.5	2143.2	2207.9	2221.4	2234.9	2245.6
67.5°	2237.6	2202.5	2167.5	2132.4	2207.9	2283.4	2356.2	2431.7	2437.1	2442.4	2447.8
70°	2383.1	2348.1	2313.0	2278.0	2369.7	2461.3	2553.0	2644.6	2647.3	2650.0	2652.7
72.5°	2485.6	2450.5	2412.8	2377.7	2472.1	2563.8	2658.1	2749.8	2757.9	2763.3	2771.3
75°	2523.3	2472.1	2420.9	2369.7	2453.2	2534.1	2617.7	2698.6	2690.5	2682.4	2671.6
77.5°	2439.7	2348.1	2256.4	2164.8	2205.2	2245.6	2283.4	2323.8	2280.7	2234.9	2191.7
80°	2067.7	1938.3	1806.2	1674.1	1647.2	1620.2	1590.6	1563.6	1482.7	1401.8	1318.3
82.5°	1372.2	1242.8	1110.7	978.6	895.0	814.1	730.6	647.0	574.2	501.4	425.9
85°	455.6	388.2	320.8	253.4	226.5	202.2	175.2	148.3	137.5	126.7	115.9
87.5°	21.6	24.3	24.3	27.0	24.3	24.3	21.6	18.9	16.2	16.2	13.5
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°	663.2	663.2	663.2	663.2	663.2	663.2	663.2	663.2	663.2	663.2	663.2
2.5°	587.7	587.7	590.4	590.4	590.4	590.4	587.7	590.4	590.4	590.4	590.4
5°	552.7	552.7	555.3	555.3	555.3	555.3	555.3	555.3	555.3	555.3	555.3
7.5°	520.3	512.2	501.4	493.3	482.6	479.9	474.5	479.9	482.6	493.3	501.4
10°	531.1	531.1	533.8	533.8	533.8	533.8	533.8	533.8	533.8	533.8	533.8
12.5°	512.2	501.4	487.9	477.2	463.7	466.4	469.1	466.4	463.7	477.2	487.9
15°	528.4	531.1	533.8	536.5	539.2	539.2	539.2	539.2	539.2	536.5	533.8
17.5°	509.5	498.7	485.3	474.5	461.0	461.0	458.3	461.0	461.0	474.5	485.3
20°	531.1	536.5	541.9	544.6	550.0	550.0	550.0	550.0	550.0	544.6	541.9
22.5°	469.1	469.1	469.1	466.4	466.4	466.4	466.4	466.4	466.4	466.4	469.1
25°	552.7	558.0	563.4	566.1	571.5	571.5	568.8	571.5	571.5	566.1	563.4
27.5°	477.2	479.9	485.3	487.9	490.6	490.6	490.6	490.6	490.6	487.9	485.3
30°	593.1	595.8	598.5	598.5	601.2	601.2	601.2	601.2	601.2	598.5	598.5
32.5°	625.4	649.7	676.7	700.9	725.2	727.9	730.6	727.9	725.2	700.9	676.7
35°	749.4	754.8	762.9	768.3	773.7	776.4	776.4	776.4	773.7	768.3	762.9
37.5°	803.4	808.8	811.5	816.8	819.5	822.2	822.2	822.2	819.5	816.8	811.5
40°	865.4	870.8	873.5	878.8	881.5	881.5	878.8	881.5	881.5	878.8	873.5
42.5°	932.8	935.5	940.9	943.5	946.2	948.9	948.9	948.9	946.2	943.5	940.9
45°	1021.7	1024.4	1027.1	1027.1	1029.8	1032.5	1032.5	1032.5	1029.8	1027.1	1027.1
47.5°	1113.4	1118.8	1121.5	1126.9	1129.6	1132.3	1135.0	1132.3	1129.6	1126.9	1121.5
50°	1229.3	1232.0	1237.4	1240.1	1242.8	1242.8	1242.8	1242.8	1242.8	1240.1	1237.4
52.5°	1356.0	1358.7	1358.7	1361.4	1361.4	1361.4	1358.7	1361.4	1361.4	1361.4	1358.7
55°	1498.9	1498.9	1498.9	1496.2	1496.2	1496.2	1496.2	1496.2	1496.2	1496.2	1498.9
57.5°	1671.4	1671.4	1671.4	1671.4	1671.4	1663.3	1652.6	1663.3	1671.4	1671.4	1671.4
60°	1865.5	1860.1	1852.1	1846.7	1838.6	1835.9	1833.2	1835.9	1838.6	1846.7	1852.1
62.5°	2056.9	2048.8	2038.1	2030.0	2019.2	2016.5	2011.1	2016.5	2019.2	2030.0	2038.1
65°	2259.1	2245.6	2232.2	2216.0	2202.5	2199.8	2194.4	2199.8	2202.5	2216.0	2232.2
67.5°	2453.2	2439.7	2426.3	2410.1	2396.6	2393.9	2388.5	2393.9	2396.6	2410.1	2426.3
70°	2655.4	2641.9	2628.5	2612.3	2598.8	2598.8	2596.1	2598.8	2598.8	2612.3	2628.5
72.5°	2776.7	2763.3	2752.5	2739.0	2725.5	2717.4	2709.3	2717.4	2725.5	2739.0	2752.5
75°	2663.5	2641.9	2620.4	2596.1	2574.5	2569.1	2563.8	2569.1	2574.5	2596.1	2620.4
77.5°	2145.9	2124.3	2100.1	2078.5	2054.2	2032.7	2008.4	2032.7	2054.2	2078.5	2100.1
80°	1237.4	1183.5	1129.6	1075.6	1021.7	1008.2	994.8	1008.2	1021.7	1075.6	1129.6
82.5°	353.2	326.2	296.5	269.6	239.9	239.9	239.9	239.9	239.9	269.6	296.5
85°	105.1	91.7	80.9	67.4	53.9	51.2	48.5	51.2	53.9	67.4	80.9
87.5°	10.8	10.8	10.8	8.1	8.1	8.1	8.1	8.1	8.1	8.1	10.8
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-PA1-80-830-U-5WQ

CANDELA DISTRIBUTION (continued):

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
0°	663.2	663.2	663.2	663.2	663.2	663.2	663.2	663.2	663.2	663.2	663.2
2.5°	587.7	587.7	595.8	603.9	612.0	620.0	622.7	628.1	630.8	633.5	636.2
5°	552.7	552.7	552.7	552.7	552.7	552.7	552.7	552.7	552.7	552.7	552.7
7.5°	512.2	520.3	523.0	525.7	525.7	528.4	531.1	533.8	536.5	539.2	539.2
10°	531.1	531.1	525.7	523.0	517.6	512.2	498.7	485.3	469.1	455.6	455.6
12.5°	501.4	512.2	514.9	517.6	520.3	523.0	512.2	501.4	487.9	477.2	458.3
15°	531.1	528.4	509.5	490.6	469.1	450.2	434.0	420.6	404.4	388.2	380.1
17.5°	498.7	509.5	504.1	498.7	490.6	485.3	471.8	458.3	442.1	428.6	401.7
20°	536.5	531.1	498.7	466.4	431.3	399.0	401.7	401.7	404.4	404.4	404.4
22.5°	469.1	469.1	471.8	474.5	477.2	479.9	458.3	434.0	412.5	388.2	393.6
25°	558.0	552.7	525.7	496.0	469.1	439.4	447.5	455.6	461.0	469.1	447.5
27.5°	479.9	477.2	482.6	490.6	496.0	501.4	485.3	469.1	450.2	434.0	442.1
30°	595.8	593.1	566.1	536.5	509.5	479.9	482.6	485.3	485.3	487.9	477.2
32.5°	649.7	625.4	612.0	598.5	582.3	568.8	552.7	533.8	517.6	498.7	498.7
35°	754.8	749.4	722.5	695.5	668.6	641.6	617.4	595.8	571.5	547.3	541.9
37.5°	808.8	803.4	773.7	746.8	717.1	687.4	663.2	636.2	612.0	585.0	582.3
40°	870.8	865.4	833.0	803.4	771.0	738.7	714.4	690.1	665.9	641.6	636.2
42.5°	935.5	932.8	903.1	870.8	841.1	808.8	784.5	757.5	733.3	706.3	698.2
45°	1024.4	1021.7	994.8	965.1	938.2	908.5	876.2	841.1	808.8	773.7	762.9
47.5°	1118.8	1113.4	1083.7	1056.8	1027.1	997.5	959.7	924.7	886.9	849.2	843.8
50°	1232.0	1229.3	1202.4	1175.4	1145.7	1118.8	1073.0	1024.4	978.6	930.1	930.1
52.5°	1358.7	1356.0	1329.1	1302.1	1272.4	1245.5	1199.7	1151.1	1105.3	1056.8	1051.4
55°	1498.9	1498.9	1471.9	1445.0	1418.0	1391.1	1342.5	1294.0	1245.5	1197.0	1194.3
57.5°	1671.4	1671.4	1644.5	1617.5	1590.6	1563.6	1515.1	1469.2	1420.7	1372.2	1374.9
60°	1860.1	1865.5	1841.3	1817.0	1792.7	1768.5	1714.6	1660.6	1604.0	1550.1	1558.2
62.5°	2048.8	2056.9	2040.8	2021.9	2005.7	1986.8	1932.9	1876.3	1822.4	1765.8	1782.0
65°	2245.6	2259.1	2245.6	2234.9	2221.4	2207.9	2143.2	2078.5	2013.8	1949.1	1978.8
67.5°	2439.7	2453.2	2447.8	2442.4	2437.1	2431.7	2356.2	2283.4	2207.9	2132.4	2167.5
70°	2641.9	2655.4	2652.7	2650.0	2647.3	2644.6	2553.0	2461.3	2369.7	2278.0	2313.0
72.5°	2763.3	2776.7	2771.3	2763.3	2757.9	2749.8	2658.1	2563.8	2472.1	2377.7	2412.8
75°	2641.9	2663.5	2671.6	2682.4	2690.5	2698.6	2617.7	2534.1	2453.2	2369.7	2420.9
77.5°	2124.3	2145.9	2191.7	2234.9	2280.7	2323.8	2283.4	2245.6	2205.2	2164.8	2256.4
80°	1183.5	1237.4	1318.3	1401.8	1482.7	1563.6	1590.6	1620.2	1647.2	1674.1	1806.2
82.5°	326.2	353.2	425.9	501.4	574.2	647.0	730.6	814.1	895.0	978.6	1110.7
85°	91.7	105.1	115.9	126.7	137.5	148.3	175.2	202.2	226.5	253.4	320.8
87.5°	10.8	10.8	13.5	16.2	16.2	18.9	21.6	24.3	24.3	27.0	24.3
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CATALOG NUMBER: SDL-PA1-80-830-U-5WQ

CANDELA DISTRIBUTION (continued):

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
0°	663.2	663.2	663.2	663.2	663.2	663.2	663.2	663.2	663.2	663.2	663.2
2.5°	638.9	641.6	644.3	647.0	647.0	649.7	649.7	652.4	652.4	655.1	655.1
5°	552.7	552.7	552.7	555.3	558.0	560.7	563.4	576.9	587.7	601.2	612.0
7.5°	539.2	536.5	536.5	533.8	533.8	531.1	528.4	523.0	514.9	509.5	501.4
10°	458.3	458.3	458.3	450.2	444.8	436.7	428.6	425.9	420.6	417.9	412.5
12.5°	442.1	423.2	404.4	399.0	393.6	388.2	382.8	385.5	388.2	390.9	393.6
15°	369.3	361.2	350.5	347.8	345.1	339.7	337.0	337.0	339.7	339.7	339.7
17.5°	374.7	347.8	320.8	334.3	350.5	363.9	377.4	372.0	366.6	358.5	353.2
20°	401.7	401.7	399.0	390.9	380.1	372.0	361.2	353.2	347.8	339.7	331.6
22.5°	399.0	404.4	409.8	396.3	382.8	366.6	353.2	369.3	382.8	399.0	412.5
25°	425.9	401.7	380.1	390.9	401.7	412.5	423.2	409.8	396.3	382.8	369.3
27.5°	450.2	455.6	463.7	450.2	436.7	423.2	409.8	420.6	431.3	439.4	450.2
30°	463.7	452.9	439.4	444.8	452.9	458.3	463.7	477.2	490.6	501.4	514.9
32.5°	498.7	496.0	496.0	496.0	498.7	498.7	498.7	525.7	550.0	576.9	601.2
35°	539.2	533.8	528.4	533.8	539.2	544.6	550.0	571.5	590.4	612.0	630.8
37.5°	579.6	574.2	571.5	571.5	571.5	571.5	571.5	595.8	620.0	641.6	665.9
40°	630.8	622.7	617.4	614.7	612.0	606.6	603.9	633.5	663.2	692.8	722.5
42.5°	687.4	679.4	668.6	665.9	663.2	657.8	655.1	687.4	719.8	749.4	781.8
45°	754.8	744.1	733.3	730.6	725.2	722.5	717.1	749.4	781.8	814.1	846.5
47.5°	835.7	830.3	822.2	816.8	808.8	803.4	795.3	827.6	862.7	895.0	927.4
50°	927.4	927.4	924.7	913.9	903.1	892.3	881.5	913.9	946.2	978.6	1010.9
52.5°	1048.7	1043.3	1037.9	1027.1	1016.3	1002.9	992.1	1024.4	1054.1	1086.4	1116.1
55°	1194.3	1191.6	1188.9	1172.7	1156.5	1140.3	1124.2	1153.8	1186.2	1215.8	1245.5
57.5°	1374.9	1377.6	1377.6	1356.0	1334.4	1310.2	1288.6	1321.0	1353.3	1383.0	1415.3
60°	1569.0	1577.1	1585.2	1558.2	1531.2	1501.6	1474.6	1504.3	1531.2	1560.9	1587.9
62.5°	1798.1	1811.6	1827.8	1787.4	1746.9	1706.5	1666.0	1698.4	1730.7	1760.4	1792.7
65°	2011.1	2040.8	2070.4	2021.9	1973.4	1924.8	1876.3	1908.7	1943.7	1976.1	2008.4
67.5°	2202.5	2237.6	2272.6	2224.1	2172.9	2124.3	2073.1	2110.9	2148.6	2183.6	2221.4
70°	2348.1	2383.1	2418.2	2372.4	2326.5	2280.7	2234.9	2267.2	2299.6	2331.9	2364.3
72.5°	2450.5	2485.6	2520.6	2464.0	2407.4	2348.1	2291.5	2329.2	2367.0	2402.0	2439.7
75°	2472.1	2523.3	2574.5	2499.1	2420.9	2345.4	2267.2	2294.2	2321.1	2348.1	2375.0
77.5°	2348.1	2439.7	2531.4	2423.6	2313.0	2205.2	2094.7	2092.0	2086.6	2083.9	2078.5
80°	1938.3	2067.7	2199.8	2073.1	1949.1	1822.4	1695.7	1647.2	1598.6	1550.1	1501.6
82.5°	1242.8	1372.2	1504.3	1364.1	1223.9	1081.0	940.9	830.3	722.5	612.0	501.4
85°	388.2	455.6	523.0	466.4	409.8	353.2	296.5	258.8	221.1	183.3	145.6
87.5°	24.3	21.6	18.9	21.6	21.6	24.3	24.3	21.6	21.6	18.9	16.2
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-PA1-80-830-U-5WQ

CANDELA DISTRIBUTION (continued):

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
0°	663.2	663.2	663.2	663.2	663.2	663.2	663.2	663.2	663.2	663.2	663.2
2.5°	655.1	655.1	652.4	652.4	652.4	655.1	655.1	655.1	655.1	655.1	655.1
5°	617.4	625.4	630.8	636.2	638.9	638.9	641.6	641.6	641.6	641.6	641.6
7.5°	512.2	525.7	536.5	547.3	550.0	552.7	552.7	555.3	555.3	552.7	555.3
10°	415.2	420.6	423.2	425.9	439.4	455.6	469.1	482.6	482.6	482.6	482.6
12.5°	385.5	377.4	366.6	358.5	372.0	385.5	399.0	412.5	412.5	412.5	412.5
15°	350.5	361.2	372.0	382.8	401.7	423.2	442.1	461.0	461.0	461.0	461.0
17.5°	355.9	355.9	358.5	358.5	369.3	377.4	388.2	396.3	399.0	399.0	399.0
20°	345.1	358.5	372.0	385.5	407.1	428.6	447.5	469.1	471.8	474.5	471.8
22.5°	404.4	396.3	385.5	377.4	377.4	377.4	374.7	374.7	377.4	377.4	377.4
25°	393.6	415.2	439.4	461.0	477.2	490.6	506.8	520.3	520.3	517.6	520.3
27.5°	463.7	477.2	490.6	504.1	528.4	550.0	574.2	595.8	601.2	603.9	601.2
30°	550.0	582.3	617.4	649.7	665.9	682.1	698.2	714.4	714.4	714.4	714.4
32.5°	620.0	638.9	657.8	676.7	692.8	711.7	727.9	744.1	744.1	744.1	744.1
35°	652.4	674.0	692.8	714.4	730.6	746.8	760.2	776.4	779.1	779.1	779.1
37.5°	692.8	717.1	744.1	768.3	781.8	792.6	806.1	816.8	819.5	822.2	819.5
40°	749.4	776.4	803.4	830.3	841.1	851.9	860.0	870.8	870.8	870.8	870.8
42.5°	811.5	838.4	868.1	895.0	905.8	916.6	927.4	938.2	940.9	943.5	940.9
45°	878.8	911.2	943.5	975.9	989.4	1002.9	1013.6	1027.1	1029.8	1032.5	1029.8
47.5°	967.8	1005.6	1046.0	1083.7	1094.5	1105.3	1116.1	1126.9	1126.9	1126.9	1126.9
50°	1062.2	1110.7	1161.9	1210.4	1215.8	1223.9	1229.3	1234.7	1237.4	1237.4	1237.4
52.5°	1172.7	1229.3	1283.2	1339.8	1342.5	1347.9	1350.6	1353.3	1353.3	1350.6	1353.3
55°	1307.5	1366.8	1428.8	1488.1	1488.1	1490.8	1490.8	1490.8	1488.1	1482.7	1488.1
57.5°	1474.6	1533.9	1590.6	1649.9	1647.2	1644.5	1641.8	1639.1	1639.1	1636.4	1639.1
60°	1644.5	1703.8	1760.4	1817.0	1811.6	1803.5	1798.1	1790.0	1787.4	1782.0	1787.4
62.5°	1838.6	1887.1	1932.9	1978.8	1968.0	1957.2	1946.4	1935.6	1935.6	1935.6	1935.6
65°	2043.5	2081.2	2116.2	2151.3	2140.5	2132.4	2121.6	2110.9	2105.5	2100.1	2105.5
67.5°	2248.3	2275.3	2299.6	2326.5	2313.0	2299.6	2286.1	2272.6	2267.2	2259.1	2267.2
70°	2391.2	2418.2	2445.1	2472.1	2458.6	2445.1	2429.0	2415.5	2412.8	2410.1	2412.8
72.5°	2472.1	2504.4	2536.8	2569.1	2561.1	2550.3	2542.2	2531.4	2528.7	2523.3	2528.7
75°	2399.3	2426.3	2450.5	2474.8	2461.3	2447.8	2434.4	2420.9	2412.8	2402.0	2412.8
77.5°	2078.5	2081.2	2081.2	2081.2	2065.0	2048.8	2032.7	2016.5	2011.1	2003.0	2011.1
80°	1445.0	1388.4	1331.8	1275.1	1221.2	1167.3	1113.4	1059.5	1046.0	1029.8	1046.0
82.5°	455.6	407.1	361.2	312.7	291.2	266.9	245.3	221.1	213.0	202.2	213.0
85°	137.5	129.4	118.6	110.5	102.4	94.4	83.6	75.5	70.1	64.7	70.1
87.5°	13.5	13.5	10.8	8.1	8.1	8.1	8.1	8.1	8.1	5.4	8.1
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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CATALOG NUMBER: SDL-PA1-80-830-U-5WQ

CANDELA DISTRIBUTION (continued):

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
0°	663.2	663.2	663.2	663.2	663.2	663.2	663.2	663.2	663.2	663.2	663.2
2.5°	655.1	655.1	655.1	652.4	652.4	652.4	655.1	655.1	655.1	655.1	652.4
5°	641.6	641.6	638.9	638.9	636.2	630.8	625.4	617.4	612.0	601.2	587.7
7.5°	555.3	552.7	552.7	550.0	547.3	536.5	525.7	512.2	501.4	509.5	514.9
10°	482.6	469.1	455.6	439.4	425.9	423.2	420.6	415.2	412.5	417.9	420.6
12.5°	412.5	399.0	385.5	372.0	358.5	366.6	377.4	385.5	393.6	390.9	388.2
15°	461.0	442.1	423.2	401.7	382.8	372.0	361.2	350.5	339.7	339.7	339.7
17.5°	396.3	388.2	377.4	369.3	358.5	358.5	355.9	355.9	353.2	358.5	366.6
20°	469.1	447.5	428.6	407.1	385.5	372.0	358.5	345.1	331.6	339.7	347.8
22.5°	374.7	374.7	377.4	377.4	377.4	385.5	396.3	404.4	412.5	399.0	382.8
25°	520.3	506.8	490.6	477.2	461.0	439.4	415.2	393.6	369.3	382.8	396.3
27.5°	595.8	574.2	550.0	528.4	504.1	490.6	477.2	463.7	450.2	439.4	431.3
30°	714.4	698.2	682.1	665.9	649.7	617.4	582.3	550.0	514.9	501.4	490.6
32.5°	744.1	727.9	711.7	692.8	676.7	657.8	638.9	620.0	601.2	576.9	550.0
35°	776.4	760.2	746.8	730.6	714.4	692.8	674.0	652.4	630.8	612.0	590.4
37.5°	816.8	806.1	792.6	781.8	768.3	744.1	717.1	692.8	665.9	641.6	620.0
40°	870.8	860.0	851.9	841.1	830.3	803.4	776.4	749.4	722.5	692.8	663.2
42.5°	938.2	927.4	916.6	905.8	895.0	868.1	838.4	811.5	781.8	749.4	719.8
45°	1027.1	1013.6	1002.9	989.4	975.9	943.5	911.2	878.8	846.5	814.1	781.8
47.5°	1126.9	1116.1	1105.3	1094.5	1083.7	1046.0	1005.6	967.8	927.4	895.0	862.7
50°	1234.7	1229.3	1223.9	1215.8	1210.4	1161.9	1110.7	1062.2	1010.9	978.6	946.2
52.5°	1353.3	1350.6	1347.9	1342.5	1339.8	1283.2	1229.3	1172.7	1116.1	1086.4	1054.1
55°	1490.8	1490.8	1490.8	1488.1	1488.1	1428.8	1366.8	1307.5	1245.5	1215.8	1186.2
57.5°	1639.1	1641.8	1644.5	1647.2	1649.9	1590.6	1533.9	1474.6	1415.3	1383.0	1353.3
60°	1790.0	1798.1	1803.5	1811.6	1817.0	1760.4	1703.8	1644.5	1587.9	1560.9	1531.2
62.5°	1935.6	1946.4	1957.2	1968.0	1978.8	1932.9	1887.1	1838.6	1792.7	1760.4	1730.7
65°	2110.9	2121.6	2132.4	2140.5	2151.3	2116.2	2081.2	2043.5	2008.4	1976.1	1943.7
67.5°	2272.6	2286.1	2299.6	2313.0	2326.5	2299.6	2275.3	2248.3	2221.4	2183.6	2148.6
70°	2415.5	2429.0	2445.1	2458.6	2472.1	2445.1	2418.2	2391.2	2364.3	2331.9	2299.6
72.5°	2531.4	2542.2	2550.3	2561.1	2569.1	2536.8	2504.4	2472.1	2439.7	2402.0	2367.0
75°	2420.9	2434.4	2447.8	2461.3	2474.8	2450.5	2426.3	2399.3	2375.0	2348.1	2321.1
77.5°	2016.5	2032.7	2048.8	2065.0	2081.2	2081.2	2081.2	2078.5	2078.5	2083.9	2086.6
80°	1059.5	1113.4	1167.3	1221.2	1275.1	1331.8	1388.4	1445.0	1501.6	1550.1	1598.6
82.5°	221.1	245.3	266.9	291.2	312.7	361.2	407.1	455.6	501.4	612.0	722.5
85°	75.5	83.6	94.4	102.4	110.5	118.6	129.4	137.5	145.6	183.3	221.1
87.5°	8.1	8.1	8.1	8.1	8.1	10.8	13.5	13.5	16.2	18.9	21.6
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CANDELA DISTRIBUTION (continued):

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
0°	663.2	663.2	663.2	663.2	663.2	663.2	663.2	663.2	663.2	663.2	663.2
2.5°	652.4	649.7	649.7	647.0	647.0	644.3	641.6	638.9	636.2	633.5	630.8
5°	576.9	563.4	560.7	558.0	555.3	552.7	552.7	552.7	552.7	552.7	552.7
7.5°	523.0	528.4	531.1	533.8	533.8	536.5	536.5	539.2	539.2	539.2	536.5
10°	425.9	428.6	436.7	444.8	450.2	458.3	458.3	458.3	455.6	455.6	469.1
12.5°	385.5	382.8	388.2	393.6	399.0	404.4	423.2	442.1	458.3	477.2	487.9
15°	337.0	337.0	339.7	345.1	347.8	350.5	361.2	369.3	380.1	388.2	404.4
17.5°	372.0	377.4	363.9	350.5	334.3	320.8	347.8	374.7	401.7	428.6	442.1
20°	353.2	361.2	372.0	380.1	390.9	399.0	401.7	401.7	404.4	404.4	404.4
22.5°	369.3	353.2	366.6	382.8	396.3	409.8	404.4	399.0	393.6	388.2	412.5
25°	409.8	423.2	412.5	401.7	390.9	380.1	401.7	425.9	447.5	469.1	461.0
27.5°	420.6	409.8	423.2	436.7	450.2	463.7	455.6	450.2	442.1	434.0	450.2
30°	477.2	463.7	458.3	452.9	444.8	439.4	452.9	463.7	477.2	487.9	485.3
32.5°	525.7	498.7	498.7	498.7	496.0	496.0	496.0	498.7	498.7	498.7	517.6
35°	571.5	550.0	544.6	539.2	533.8	528.4	533.8	539.2	541.9	547.3	571.5
37.5°	595.8	571.5	571.5	571.5	571.5	571.5	574.2	579.6	582.3	585.0	612.0
40°	633.5	603.9	606.6	612.0	614.7	617.4	622.7	630.8	636.2	641.6	665.9
42.5°	687.4	655.1	657.8	663.2	665.9	668.6	679.4	687.4	698.2	706.3	733.3
45°	749.4	717.1	722.5	725.2	730.6	733.3	744.1	754.8	762.9	773.7	808.8
47.5°	827.6	795.3	803.4	808.8	816.8	822.2	830.3	835.7	843.8	849.2	886.9
50°	913.9	881.5	892.3	903.1	913.9	924.7	927.4	927.4	930.1	930.1	978.6
52.5°	1024.4	992.1	1002.9	1016.3	1027.1	1037.9	1043.3	1048.7	1051.4	1056.8	1105.3
55°	1153.8	1124.2	1140.3	1156.5	1172.7	1188.9	1191.6	1194.3	1194.3	1197.0	1245.5
57.5°	1321.0	1288.6	1310.2	1334.4	1356.0	1377.6	1377.6	1374.9	1374.9	1372.2	1420.7
60°	1504.3	1474.6	1501.6	1531.2	1558.2	1585.2	1577.1	1569.0	1558.2	1550.1	1604.0
62.5°	1698.4	1666.0	1706.5	1746.9	1787.4	1827.8	1811.6	1798.1	1782.0	1765.8	1822.4
65°	1908.7	1876.3	1924.8	1973.4	2021.9	2070.4	2040.8	2011.1	1978.8	1949.1	2013.8
67.5°	2110.9	2073.1	2124.3	2172.9	2224.1	2272.6	2237.6	2202.5	2167.5	2132.4	2207.9
70°	2267.2	2234.9	2280.7	2326.5	2372.4	2418.2	2383.1	2348.1	2313.0	2278.0	2369.7
72.5°	2329.2	2291.5	2348.1	2407.4	2464.0	2520.6	2485.6	2450.5	2412.8	2377.7	2472.1
75°	2294.2	2267.2	2345.4	2420.9	2499.1	2574.5	2523.3	2472.1	2420.9	2369.7	2453.2
77.5°	2092.0	2094.7	2205.2	2313.0	2423.6	2531.4	2439.7	2348.1	2256.4	2164.8	2205.2
80°	1647.2	1695.7	1822.4	1949.1	2073.1	2199.8	2067.7	1938.3	1806.2	1674.1	1647.2
82.5°	830.3	940.9	1081.0	1223.9	1364.1	1504.3	1372.2	1242.8	1110.7	978.6	895.0
85°	258.8	296.5	353.2	409.8	466.4	523.0	455.6	388.2	320.8	253.4	226.5
87.5°	21.6	24.3	24.3	21.6	21.6	18.9	21.6	24.3	24.3	27.0	24.3
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CANDELA DISTRIBUTION (continued):

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
0°	663.2	663.2	663.2	663.2	663.2	663.2	663.2	663.2	663.2	663.2	663.2
2.5°	628.1	622.7	620.0	612.0	603.9	595.8	587.7	587.7	590.4	590.4	590.4
5°	552.7	552.7	552.7	552.7	552.7	552.7	552.7	552.7	555.3	555.3	555.3
7.5°	533.8	531.1	528.4	525.7	525.7	523.0	520.3	512.2	501.4	493.3	482.6
10°	485.3	498.7	512.2	517.6	523.0	525.7	531.1	531.1	533.8	533.8	533.8
12.5°	501.4	512.2	523.0	520.3	517.6	514.9	512.2	501.4	487.9	477.2	463.7
15°	420.6	434.0	450.2	469.1	490.6	509.5	528.4	531.1	533.8	536.5	539.2
17.5°	458.3	471.8	485.3	490.6	498.7	504.1	509.5	498.7	485.3	474.5	461.0
20°	401.7	401.7	399.0	431.3	466.4	498.7	531.1	536.5	541.9	544.6	550.0
22.5°	434.0	458.3	479.9	477.2	474.5	471.8	469.1	469.1	469.1	466.4	466.4
25°	455.6	447.5	439.4	469.1	496.0	525.7	552.7	558.0	563.4	566.1	571.5
27.5°	469.1	485.3	501.4	496.0	490.6	482.6	477.2	479.9	485.3	487.9	490.6
30°	485.3	482.6	479.9	509.5	536.5	566.1	593.1	595.8	598.5	598.5	601.2
32.5°	533.8	552.7	568.8	582.3	598.5	612.0	625.4	649.7	676.7	700.9	725.2
35°	595.8	617.4	641.6	668.6	695.5	722.5	749.4	754.8	762.9	768.3	773.7
37.5°	636.2	663.2	687.4	717.1	746.8	773.7	803.4	808.8	811.5	816.8	819.5
40°	690.1	714.4	738.7	771.0	803.4	833.0	865.4	870.8	873.5	878.8	881.5
42.5°	757.5	784.5	808.8	841.1	870.8	903.1	932.8	935.5	940.9	943.5	946.2
45°	841.1	876.2	908.5	938.2	965.1	994.8	1021.7	1024.4	1027.1	1027.1	1029.8
47.5°	924.7	959.7	997.5	1027.1	1056.8	1083.7	1113.4	1118.8	1121.5	1126.9	1129.6
50°	1024.4	1073.0	1118.8	1145.7	1175.4	1202.4	1229.3	1232.0	1237.4	1240.1	1242.8
52.5°	1151.1	1199.7	1245.5	1272.4	1302.1	1329.1	1356.0	1358.7	1358.7	1361.4	1361.4
55°	1294.0	1342.5	1391.1	1418.0	1445.0	1471.9	1498.9	1498.9	1498.9	1496.2	1496.2
57.5°	1469.2	1515.1	1563.6	1590.6	1617.5	1644.5	1671.4	1671.4	1671.4	1671.4	1671.4
60°	1660.6	1714.6	1768.5	1792.7	1817.0	1841.3	1865.5	1860.1	1852.1	1846.7	1838.6
62.5°	1876.3	1932.9	1986.8	2005.7	2021.9	2040.8	2056.9	2048.8	2038.1	2030.0	2019.2
65°	2078.5	2143.2	2207.9	2221.4	2234.9	2245.6	2259.1	2245.6	2232.2	2216.0	2202.5
67.5°	2283.4	2356.2	2431.7	2437.1	2442.4	2447.8	2453.2	2439.7	2426.3	2410.1	2396.6
70°	2461.3	2553.0	2644.6	2647.3	2650.0	2652.7	2655.4	2641.9	2628.5	2612.3	2598.8
72.5°	2563.8	2658.1	2749.8	2757.9	2763.3	2771.3	2776.7	2763.3	2752.5	2739.0	2725.5
75°	2534.1	2617.7	2698.6	2690.5	2682.4	2671.6	2663.5	2641.9	2620.4	2596.1	2574.5
77.5°	2245.6	2283.4	2323.8	2280.7	2234.9	2191.7	2145.9	2124.3	2100.1	2078.5	2054.2
80°	1620.2	1590.6	1563.6	1482.7	1401.8	1318.3	1237.4	1183.5	1129.6	1075.6	1021.7
82.5°	814.1	730.6	647.0	574.2	501.4	425.9	353.2	326.2	296.5	269.6	239.9
85°	202.2	175.2	148.3	137.5	126.7	115.9	105.1	91.7	80.9	67.4	53.9
87.5°	24.3	21.6	18.9	16.2	16.2	13.5	10.8	10.8	10.8	8.1	8.1
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):

	357.5°	360°
0°	663.2	663.2
2.5°	590.4	587.7
5°	555.3	555.3
7.5°	479.9	474.5
10°	533.8	533.8
12.5°	466.4	469.1
15°	539.2	539.2
17.5°	461.0	458.3
20°	550.0	550.0
22.5°	466.4	466.4
25°	571.5	568.8
27.5°	490.6	490.6
30°	601.2	601.2
32.5°	727.9	730.6
35°	776.4	776.4
37.5°	822.2	822.2
40°	881.5	878.8
42.5°	948.9	948.9
45°	1032.5	1032.5
47.5°	1132.3	1135.0
50°	1242.8	1242.8
52.5°	1361.4	1358.7
55°	1496.2	1496.2
57.5°	1663.3	1652.6
60°	1835.9	1833.2
62.5°	2016.5	2011.1
65°	2199.8	2194.4
67.5°	2393.9	2388.5
70°	2598.8	2596.1
72.5°	2717.4	2709.3
75°	2569.1	2563.8
77.5°	2032.7	2008.4
80°	1008.2	994.8
82.5°	239.9	239.9
85°	51.2	48.5
87.5°	8.1	8.1
90°	0.0	0.0

(END OF REPORT)