

Scaled data based on original data using
LM-79-2019 Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Test Report Prepared for
Cooper Lighting Solutions

Brand: NEO-RAY

Report Number: P1029189

Luminaire Tested: S122DIW-B1005D1440UB2750-4F0-XX-W2A-A_2700K

Issue Date: 5/6/2025

Test Information

Test Method: LM-79-2019
Report Number: P1029189
REPORT IS A COMBINATION OF REPORTS P985127 AND P1007351
Test Lab: INNOVATION CENTER
Issue Date: 5/6/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: NEO-RAY
Catalog Number: S122DIW-B1005D1440UB2750-4F0-XX-W2A-A_2700K
Description: Define 2 Direct/Indirect Wall Mount with 2700K BioUP LEDs {m-DER=0.473} {m-EER=0.52}
Light Source: -
Ballast/Driver: -

Summary

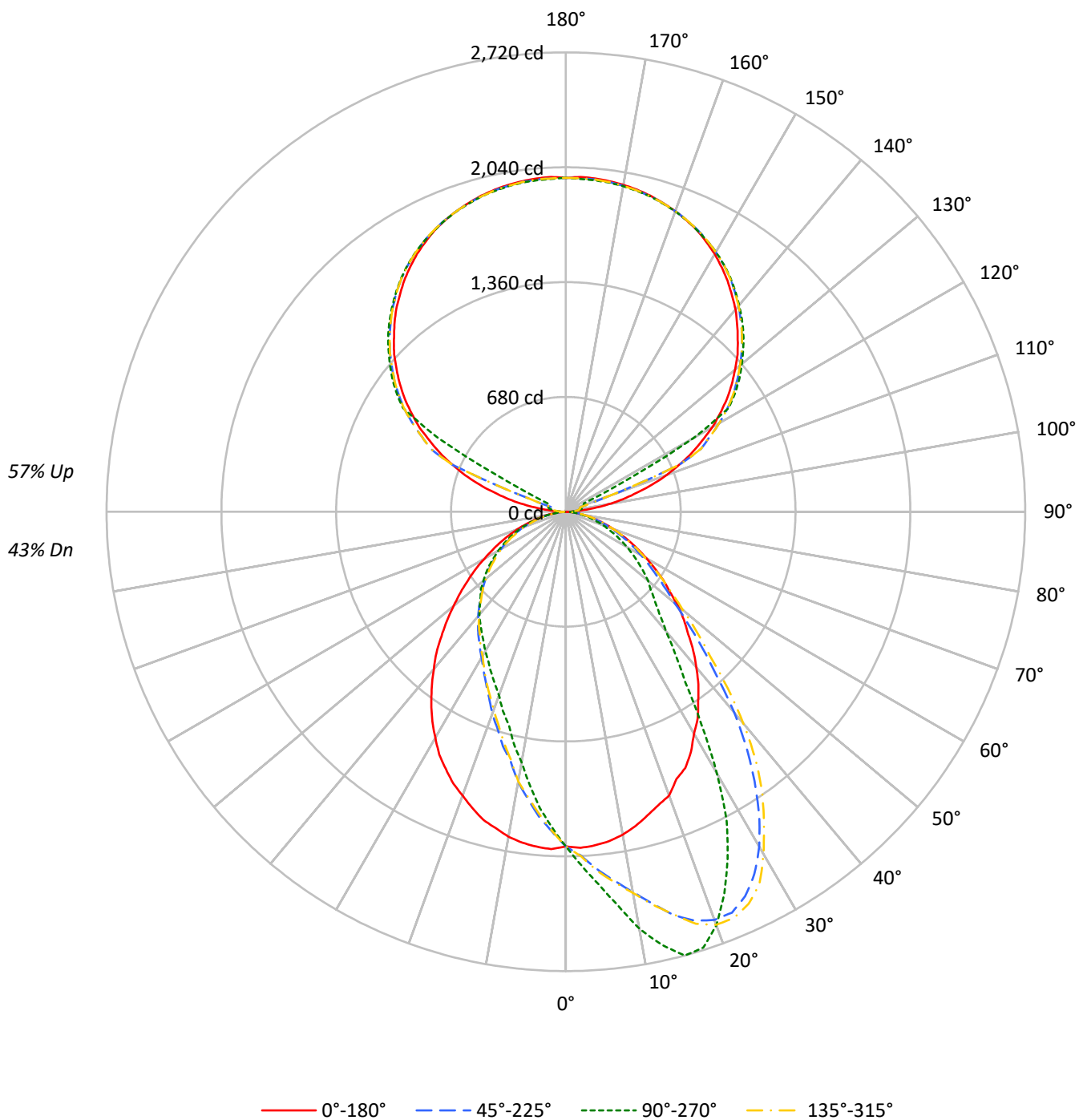
Lumens per Lamp: N/A
Luminaire Lumens: 10171.0 lumens
Efficiency: N/A
Efficacy: 89.6 lumens/watt
Spacing Criteria (0/90/45): 1.16 / 1.09 / 1.23
Luminous Opening: Rectangular w/ Sides (W: 0.17' x L: 4' x H: 0.1')
CIE Type: General Diffuse

Input Watts (W): 113.5
Input Voltage (V):
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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Luminous Intensity Polar Plot



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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20
RC	80				70				50				30				10
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10
RCR																	
0	105	105	105	105	96	96	96	96	79	79	79	64	64	64	50	50	50
1	97	93	89	85	88	85	82	79	70	68	66	57	55	54	45	44	43
2	88	81	75	70	81	75	70	65	62	58	55	50	48	46	40	38	37
3	81	72	65	59	74	66	60	55	55	51	47	45	42	39	36	33	32
4	74	64	56	50	68	59	52	47	49	44	40	40	37	34	32	30	28
5	68	57	49	43	62	53	46	41	44	39	35	36	33	30	29	26	24
6	63	51	43	38	57	47	40	35	40	35	31	33	29	26	27	24	22
7	58	46	39	33	53	43	36	31	36	31	27	30	26	23	24	22	19
8	54	42	35	29	49	39	32	28	33	28	24	28	24	21	22	20	17
9	50	39	31	26	46	36	29	25	30	25	22	25	22	19	21	18	16
10	47	35	28	24	43	33	27	22	28	23	20	24	20	17	19	17	15

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	31359	31359	31359	31359
5°	31436	33437	31556	26602
10°	31070	36502	31265	21932
15°	30317	38501	30739	18474
20°	29843	36150	29843	16057
25°	28892	31057	29025	14360
30°	27328	24414	27849	13007
35°	25941	16882	26375	11901
40°	24348	12746	24625	11018
45°	22382	10474	22749	10067
50°	20683	9193	20721	9215
55°	18746	7833	18868	8291
60°	16680	6542	16911	7235
65°	14831	5321	15105	6179
70°	12992	4175	13321	4983
75°	10903	3032	11328	3614
80°	8511	1922	9117	2144
85°	5594	966	6018	717

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 157.5°

Vertical Angle: 45°

Luminance: 32417 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	188.7	1.9
10°-20°	549.2	5.4
20°-30°	797.1	7.8
30°-40°	840.3	8.3
40°-50°	743.6	7.3
50°-60°	593.7	5.8
60°-70°	403.3	4.0
70°-80°	206.3	2.0
80°-90°	52.2	0.5
90°-100°	65.2	0.6
100°-110°	243.0	2.4
110°-120°	644.6	6.3
120°-130°	1069.1	10.5
130°-140°	1135.6	11.2
140°-150°	1055.5	10.4
150°-160°	848.5	8.3
160°-170°	546.8	5.4
170°-180°	188.2	1.9
0°-30°	1535.0	15.1
0°-40°	2375.3	23.4
0°-60°	3712.6	36.5
0°-90°	4374.5	43.0
90°-120°	952.9	9.4
90°-150°	4213.0	41.4
90°-180°	5797.0	57.0
0°-180°	10171.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1981	1981	1981	1981	1981	
5°	1983	2213	1990	1760	1983	188
15°	1862	2720	1888	1305	1862	526
25°	1674	2266	1681	1048	1674	765
35°	1366	1234	1389	870	1366	855
45°	1025	743	1042	714	1025	795
55°	704	522	708	553	704	628
65°	417	321	425	373	417	415
75°	195	158	202	189	195	209
85°	40	41	43	30	40	46
90°	1	39	1	39	1	8
95°	93	62	93	62	93	110
105°	435	109	435	109	435	465
115°	823	117	823	117	823	810
125°	1163	1223	1163	1223	1163	1037
135°	1439	1486	1439	1486	1439	1112
145°	1670	1695	1670	1695	1670	1044
155°	1838	1840	1838	1840	1838	847
165°	1937	1933	1937	1933	1937	547
175°	1982	1970	1982	1970	1982	189
180°	1977	1977	1977	1977	1977	

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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	1981.1	1981.1	1981.1	1981.1	1981.1	1981.1	1981.1	1981.1	1981.1	1981.1	1981.1
2.5°	1991.8	1996.4	2004.0	2005.5	2020.7	2032.9	2046.6	2046.6	2051.2	2049.7	2037.5
5°	1982.7	1996.4	2016.2	2032.9	2060.3	2072.5	2090.8	2104.5	2116.7	2125.8	2124.3
7.5°	1967.4	1991.8	2020.7	2052.7	2089.3	2110.6	2136.5	2160.8	2177.6	2192.8	2203.5
10°	1941.5	1982.7	2022.3	2064.9	2112.1	2141.0	2171.5	2203.5	2229.4	2258.3	2285.7
12.5°	1906.5	1965.9	2014.6	2071.0	2128.9	2160.8	2209.6	2233.9	2284.2	2357.3	2377.1
15°	1862.4	1943.1	1988.8	2060.3	2136.5	2162.4	2229.4	2268.9	2372.5	2418.2	2473.0
17.5°	1821.2	1911.1	1972.0	2054.2	2128.9	2179.1	2244.6	2325.3	2412.1	2477.6	2538.5
20°	1787.7	1874.5	1947.6	2039.0	2133.4	2197.4	2265.9	2363.4	2457.8	2524.8	2572.0
22.5°	1711.6	1822.8	1908.0	2010.1	2124.3	2212.6	2278.1	2384.7	2486.7	2527.8	2568.9
25°	1673.5	1769.5	1868.5	1984.2	2118.2	2223.3	2279.6	2398.4	2488.2	2503.5	2512.6
27.5°	1603.5	1711.6	1827.3	1959.8	2116.7	2205.0	2276.6	2384.7	2456.2	2445.6	2418.2
30°	1516.7	1649.2	1777.1	1920.2	2095.3	2191.3	2258.3	2357.3	2393.8	2339.0	2290.3
32.5°	1452.7	1577.6	1719.2	1885.2	2071.0	2162.4	2227.8	2305.5	2313.1	2214.1	2131.9
35°	1365.9	1504.5	1664.4	1839.5	2029.9	2112.1	2173.0	2220.2	2183.7	2045.1	1947.6
37.5°	1288.3	1425.3	1595.9	1774.0	1973.5	2054.2	2103.0	2110.6	2020.7	1898.9	1755.8
40°	1203.0	1344.6	1522.8	1710.1	1911.1	1981.1	2011.6	1988.8	1859.3	1717.7	1551.7
42.5°	1117.7	1257.8	1449.7	1641.6	1831.9	1891.3	1903.5	1841.0	1682.7	1516.7	1324.8
45°	1024.8	1171.0	1362.9	1556.3	1740.5	1774.0	1775.6	1685.7	1498.4	1324.8	1146.7
47.5°	948.7	1084.2	1274.6	1468.0	1623.3	1646.1	1637.0	1533.4	1329.4	1134.5	979.1
50°	864.9	994.4	1183.2	1373.6	1506.0	1512.1	1489.3	1341.6	1142.1	963.9	840.6
52.5°	775.1	906.1	1079.7	1262.4	1381.2	1372.0	1327.9	1169.5	982.2	834.5	740.1
55°	703.5	819.3	982.2	1160.4	1244.1	1218.2	1169.5	1008.1	860.4	735.5	653.3
57.5°	624.3	726.4	886.3	1041.6	1090.3	1065.9	1017.2	866.5	729.4	635.0	580.2
60°	549.7	642.6	782.7	912.1	950.2	924.3	868.0	732.5	633.5	554.3	513.2
62.5°	481.2	561.9	679.2	797.9	813.2	787.3	738.5	628.9	543.6	481.2	450.7
65°	417.2	493.4	587.8	677.6	691.3	663.9	613.7	534.5	462.9	423.3	394.4
67.5°	354.8	415.7	499.5	565.0	572.6	546.7	505.6	441.6	397.4	354.8	333.5
70°	300.0	345.7	411.2	464.4	467.5	443.1	421.8	363.9	330.4	300.0	283.2
72.5°	246.7	278.7	328.9	368.5	370.0	354.8	335.0	298.5	269.5	248.2	231.5
75°	194.9	222.3	252.8	287.8	286.3	274.1	258.9	236.0	211.7	198.0	190.3
77.5°	149.2	166.0	190.3	213.2	213.2	207.1	198.0	181.2	166.0	152.3	144.7
80°	106.6	117.3	137.1	144.7	147.7	146.2	138.6	126.4	120.3	109.6	106.6
82.5°	68.5	76.1	85.3	92.9	97.5	94.4	92.9	86.8	77.7	74.6	71.6
85°	39.6	42.6	47.2	51.8	53.3	51.8	54.8	50.3	45.7	45.7	44.2
87.5°	16.8	18.3	21.3	21.3	22.8	22.8	21.3	22.8	22.8	21.3	19.8
90°	1.4	4.9	8.4	11.9	15.4	17.2	18.5	21.0	23.5	26.1	28.6
92.5°	35.8	34.5	33.2	31.9	30.6	30.0	30.5	31.4	32.4	33.3	34.3
95°	93.0	82.5	72.0	61.5	51.0	45.8	46.9	49.1	51.4	53.6	55.8
97.5°	167.4	141.3	115.3	89.2	63.1	50.1	52.6	57.7	62.8	67.9	73.0
100°	253.2	209.6	166.1	122.5	79.0	57.2	59.9	65.3	70.7	76.1	81.5
102.5°	347.7	347.1	346.4	345.8	345.1	344.8	315.9	258.0	200.1	142.3	84.4
105°	434.9	444.5	454.0	463.6	473.1	477.9	434.5	347.7	260.9	174.1	87.3
107.5°	536.5	544.5	552.4	560.4	568.3	572.3	518.7	411.6	304.4	197.3	90.1
110°	633.8	640.5	647.1	653.8	660.5	663.8	617.9	526.0	434.1	342.3	250.4

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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	725.4	731.1	736.8	742.5	748.2	751.1	748.4	743.0	737.6	732.2	726.8
115°	822.7	828.1	833.5	838.9	844.3	847.0	851.0	858.9	866.8	874.8	882.7
117.5°	907.1	913.5	919.8	926.2	932.5	935.7	938.4	943.8	949.2	954.6	960.0
120°	1001.5	1006.3	1011.0	1015.8	1020.5	1022.9	1025.8	1031.5	1037.2	1043.0	1048.7
122.5°	1081.6	1086.7	1091.8	1096.9	1102.0	1104.5	1107.7	1114.0	1120.4	1126.7	1133.1
125°	1163.2	1167.3	1171.5	1175.6	1179.7	1181.8	1184.8	1190.8	1196.9	1202.9	1208.9
127.5°	1237.6	1242.0	1246.5	1250.9	1255.4	1257.6	1260.0	1264.7	1269.5	1274.2	1279.0
130°	1307.7	1312.8	1317.8	1322.9	1328.0	1330.5	1332.3	1335.8	1339.3	1342.8	1346.3
132.5°	1379.2	1383.3	1387.5	1391.6	1395.7	1397.8	1399.5	1403.0	1406.5	1410.0	1413.5
135°	1439.3	1444.4	1449.5	1454.6	1459.7	1462.2	1463.6	1466.5	1469.3	1472.2	1475.0
137.5°	1502.2	1506.0	1509.8	1513.7	1517.5	1519.4	1521.0	1524.2	1527.3	1530.5	1533.7
140°	1563.8	1566.3	1568.9	1571.4	1573.9	1575.2	1576.9	1580.4	1583.9	1587.4	1590.9
142.5°	1615.3	1617.5	1619.7	1622.0	1624.2	1625.3	1627.4	1631.5	1635.6	1639.8	1643.9
145°	1669.6	1669.3	1669.0	1668.7	1668.4	1668.2	1670.9	1676.3	1681.7	1687.1	1692.5
147.5°	1716.8	1715.8	1714.9	1713.9	1713.0	1712.5	1715.2	1720.6	1726.1	1731.5	1736.9
150°	1762.6	1760.4	1758.2	1755.9	1753.7	1752.6	1755.1	1760.2	1765.3	1770.4	1775.5
152.5°	1801.2	1798.7	1796.1	1793.6	1791.1	1789.8	1792.2	1797.0	1801.7	1806.5	1811.3
155°	1838.4	1835.6	1832.7	1829.9	1827.0	1825.6	1827.5	1831.3	1835.1	1838.9	1842.7
157.5°	1868.5	1865.9	1863.4	1860.8	1858.3	1857.0	1858.4	1861.3	1864.2	1867.0	1869.9
160°	1894.2	1892.3	1890.4	1888.5	1886.6	1885.7	1886.6	1888.5	1890.4	1892.3	1894.2
162.5°	1917.1	1915.2	1913.3	1911.4	1909.5	1908.5	1909.3	1910.9	1912.5	1914.1	1915.7
165°	1937.2	1935.3	1933.4	1931.5	1929.6	1928.6	1929.1	1930.0	1931.0	1931.9	1932.9
167.5°	1952.9	1951.0	1949.1	1947.2	1945.3	1944.3	1944.8	1945.7	1946.7	1947.6	1948.6
170°	1965.8	1963.9	1962.0	1960.1	1958.2	1957.2	1957.5	1958.2	1958.8	1959.5	1960.1
172.5°	1974.4	1972.5	1970.6	1968.7	1966.8	1965.8	1966.1	1966.7	1967.4	1968.0	1968.6
175°	1981.5	1979.3	1977.1	1974.8	1972.6	1971.5	1971.8	1972.5	1973.1	1973.8	1974.4
177.5°	1984.4	1982.2	1980.0	1977.7	1975.5	1974.4	1974.6	1974.9	1975.2	1975.5	1975.8
180°	1977.2	1977.2	1977.2	1977.2	1977.2	1977.2	1977.2	1977.2	1977.2	1977.2	1977.2

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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	1981.1	1981.1	1981.1	1981.1	1981.1	1981.1	1981.1	1981.1	1981.1	1981.1	1981.1
2.5°	2058.8	2060.3	2063.4	2078.6	2086.2	2087.7	2081.6	2095.3	2099.9	2095.3	2092.3
5°	2156.3	2165.4	2183.7	2203.5	2201.9	2203.5	2212.6	2221.7	2224.8	2212.6	2217.2
7.5°	2241.5	2259.8	2279.6	2310.1	2310.1	2325.3	2331.4	2339.0	2357.3	2348.1	2345.1
10°	2339.0	2363.4	2399.9	2448.6	2450.2	2465.4	2480.6	2505.0	2512.6	2506.5	2509.5
12.5°	2460.8	2508.0	2511.1	2564.4	2588.7	2591.8	2616.1	2611.6	2626.8	2626.8	2652.7
15°	2514.1	2587.2	2628.3	2680.1	2695.3	2677.1	2696.8	2718.2	2719.7	2719.7	2718.2
17.5°	2610.1	2639.0	2680.1	2707.5	2713.6	2713.6	2715.1	2724.3	2718.2	2706.0	2715.1
20°	2629.8	2642.0	2657.3	2654.2	2657.3	2642.0	2626.8	2611.6	2613.1	2605.5	2628.3
22.5°	2593.3	2590.3	2555.2	2532.4	2532.4	2501.9	2473.0	2459.3	2445.6	2450.2	2457.8
25°	2501.9	2454.7	2412.1	2378.6	2371.0	2322.2	2282.7	2270.5	2247.6	2265.9	2268.9
27.5°	2355.7	2302.4	2233.9	2205.0	2165.4	2145.6	2118.2	2081.6	2034.4	2061.8	2057.3
30°	2198.9	2119.7	2063.4	1993.3	1930.9	1926.3	1874.5	1813.6	1789.3	1789.3	1803.0
32.5°	2023.8	1918.7	1836.5	1737.5	1676.6	1650.7	1588.3	1527.4	1541.1	1495.4	1512.1
35°	1819.7	1681.2	1577.6	1481.7	1436.0	1405.5	1324.8	1291.3	1254.8	1233.5	1273.0
37.5°	1624.8	1464.9	1332.4	1227.4	1210.6	1155.8	1101.0	1079.7	1058.3	1067.5	1065.9
40°	1387.3	1245.6	1126.9	1044.6	1015.7	989.8	953.3	927.4	913.7	921.3	922.8
42.5°	1172.5	1053.8	965.4	907.6	883.2	864.9	846.7	825.3	820.8	820.8	826.9
45°	1006.6	909.1	849.7	802.5	788.8	775.1	761.4	752.3	749.2	743.1	747.7
47.5°	874.1	796.4	759.9	724.8	709.6	706.6	694.4	689.8	683.7	682.2	683.7
50°	762.9	714.2	680.7	660.9	650.2	645.7	639.6	630.4	627.4	635.0	632.0
52.5°	685.3	639.6	621.3	601.5	595.4	589.3	580.2	581.7	580.2	577.1	577.1
55°	607.6	578.7	560.4	545.2	543.6	537.5	529.9	526.9	525.4	522.3	526.9
57.5°	545.2	522.3	505.6	491.9	485.8	485.8	478.2	472.1	472.1	470.5	472.1
60°	482.7	459.9	449.2	435.5	430.9	429.4	424.9	421.8	417.2	417.2	417.2
62.5°	424.9	406.6	394.4	382.2	383.7	376.1	370.0	367.0	367.0	368.5	368.5
65°	370.0	357.9	342.6	332.0	328.9	327.4	324.4	322.8	318.3	321.3	321.3
67.5°	319.8	303.0	293.9	289.3	284.8	283.2	280.2	277.1	275.6	274.1	277.1
70°	269.5	255.8	248.2	245.2	240.6	239.1	237.6	233.0	234.5	236.0	237.6
72.5°	223.8	211.7	210.1	201.0	201.0	201.0	194.9	198.0	196.4	193.4	196.4
75°	176.6	170.6	167.5	162.9	164.5	162.9	161.4	156.8	156.8	158.4	159.9
77.5°	140.1	134.0	132.5	127.9	124.9	127.9	124.9	123.3	123.3	124.9	124.9
80°	103.5	100.5	95.9	95.9	95.9	94.4	94.4	94.4	92.9	91.4	92.9
82.5°	68.5	68.5	67.0	65.5	67.0	64.0	65.5	65.5	65.5	65.5	65.5
85°	44.2	42.6	42.6	41.1	41.1	41.1	42.6	39.6	39.6	41.1	41.1
87.5°	19.8	19.8	19.8	21.3	19.8	19.8	19.8	21.3	19.8	19.8	19.8
90°	30.2	31.8	33.4	35.0	35.8	36.1	36.7	37.4	38.0	38.6	38.0
92.5°	34.9	35.6	36.2	36.9	37.2	37.4	37.7	38.0	38.3	38.6	38.3
95°	57.4	59.0	60.6	62.2	63.0	62.8	62.5	62.2	61.8	61.5	61.8
97.5°	74.0	74.9	75.9	76.8	77.3	77.5	77.8	78.1	78.4	78.7	78.4
100°	84.1	86.6	89.2	91.7	93.0	93.3	94.0	94.6	95.3	95.9	95.3
102.5°	87.9	91.4	94.9	98.4	100.1	100.6	101.5	102.5	103.4	104.4	103.4
105°	90.8	94.3	97.8	101.3	103.0	103.6	104.9	106.2	107.4	108.7	107.4
107.5°	93.6	97.1	100.6	104.1	105.9	106.5	107.8	109.1	110.3	111.6	110.3
110°	218.6	186.8	155.0	123.2	107.3	107.9	109.2	110.5	111.7	113.0	111.7

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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	589.8	452.8	315.7	178.7	110.2	110.7	111.6	112.6	113.5	114.5	113.5
115°	735.5	588.3	441.1	293.9	220.3	208.9	186.0	163.1	140.2	117.3	140.2
117.5°	914.5	869.1	823.6	778.1	755.4	713.8	630.5	547.2	463.9	380.6	463.9
120°	1052.5	1056.3	1060.2	1064.0	1065.9	1044.4	1001.5	958.6	915.6	872.7	915.6
122.5°	1135.0	1136.9	1138.8	1140.7	1141.7	1141.9	1142.2	1142.5	1142.8	1143.1	1142.8
125°	1211.1	1213.4	1215.6	1217.9	1219.0	1219.5	1220.4	1221.3	1222.3	1223.2	1222.3
127.5°	1282.2	1285.4	1288.5	1291.7	1293.3	1293.5	1293.8	1294.1	1294.5	1294.8	1294.5
130°	1349.8	1353.3	1356.8	1360.3	1362.0	1361.8	1361.5	1361.2	1360.9	1360.6	1360.9
132.5°	1416.4	1419.2	1422.1	1425.0	1426.4	1426.2	1425.9	1425.6	1425.3	1425.0	1425.3
135°	1478.2	1481.4	1484.6	1487.8	1489.4	1489.1	1488.4	1487.8	1487.1	1486.5	1487.1
137.5°	1536.9	1540.1	1543.2	1546.4	1548.0	1547.5	1546.6	1545.6	1544.7	1543.7	1544.7
140°	1593.8	1596.6	1599.5	1602.4	1603.8	1603.0	1601.4	1599.9	1598.3	1596.7	1598.3
142.5°	1646.4	1649.0	1651.5	1654.0	1655.3	1654.5	1652.9	1651.4	1649.8	1648.2	1649.8
145°	1694.7	1696.9	1699.2	1701.4	1702.5	1701.7	1700.1	1698.6	1697.0	1695.4	1697.0
147.5°	1738.5	1740.1	1741.6	1743.2	1744.0	1743.4	1742.1	1740.8	1739.6	1738.3	1739.6
150°	1777.4	1779.3	1781.2	1783.1	1784.1	1783.3	1781.7	1780.1	1778.5	1776.9	1778.5
152.5°	1813.2	1815.1	1817.0	1818.9	1819.8	1818.7	1816.5	1814.2	1812.0	1809.8	1812.0
155°	1844.6	1846.5	1848.4	1850.3	1851.3	1850.0	1847.5	1845.0	1842.4	1839.9	1842.4
157.5°	1872.1	1874.3	1876.6	1878.8	1879.9	1878.6	1876.1	1873.6	1871.0	1868.5	1871.0
160°	1896.1	1898.0	1899.9	1901.8	1902.8	1901.7	1899.5	1897.2	1895.0	1892.8	1895.0
162.5°	1917.9	1920.1	1922.4	1924.6	1925.7	1924.3	1921.4	1918.5	1915.7	1912.8	1915.7
165°	1935.1	1937.3	1939.6	1941.8	1942.9	1941.8	1939.6	1937.3	1935.1	1932.9	1935.1
167.5°	1950.8	1953.0	1955.3	1957.5	1958.6	1957.2	1954.3	1951.4	1948.6	1945.7	1948.6
170°	1962.3	1964.5	1966.8	1969.0	1970.1	1968.7	1965.8	1962.9	1960.1	1957.2	1960.1
172.5°	1970.8	1973.1	1975.3	1977.6	1978.7	1977.3	1974.4	1971.5	1968.7	1965.8	1968.7
175°	1976.6	1978.8	1981.1	1983.3	1984.4	1982.8	1979.6	1976.5	1973.3	1970.1	1973.3
177.5°	1978.0	1980.2	1982.5	1984.7	1985.8	1984.4	1981.5	1978.6	1975.8	1972.9	1975.8
180°	1977.2	1977.2	1977.2	1977.2	1977.2	1977.2	1977.2	1977.2	1977.2	1977.2	1977.2

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CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	1981.1	1981.1	1981.1	1981.1	1981.1	1981.1	1981.1	1981.1	1981.1	1981.1	1981.1
2.5°	2099.9	2089.3	2080.1	2081.6	2089.3	2083.2	2067.9	2048.1	2040.5	2031.4	2040.5
5°	2226.3	2217.2	2198.9	2200.4	2195.9	2189.8	2165.4	2134.9	2134.9	2110.6	2107.5
7.5°	2351.2	2337.5	2325.3	2322.2	2305.5	2293.3	2272.0	2229.4	2212.6	2183.7	2166.9
10°	2491.3	2480.6	2466.9	2450.2	2441.0	2419.7	2384.7	2322.2	2291.8	2252.2	2223.3
12.5°	2632.9	2631.4	2600.9	2567.4	2565.9	2532.4	2508.0	2424.3	2383.2	2329.9	2261.3
15°	2722.7	2715.1	2698.4	2681.6	2686.2	2649.6	2594.8	2495.8	2468.4	2404.5	2331.4
17.5°	2721.2	2721.2	2716.6	2713.6	2709.0	2698.4	2667.9	2602.4	2558.3	2477.6	2409.0
20°	2634.4	2654.2	2658.8	2657.3	2672.5	2680.1	2678.6	2637.5	2602.4	2530.9	2460.8
22.5°	2460.8	2506.5	2526.3	2538.5	2570.5	2587.2	2626.8	2611.6	2602.4	2549.1	2489.8
25°	2299.4	2314.6	2374.0	2377.1	2421.2	2462.3	2501.9	2527.8	2561.3	2541.5	2491.3
27.5°	2090.8	2125.8	2168.4	2200.4	2209.6	2293.3	2358.8	2407.5	2483.7	2489.8	2473.0
30°	1854.7	1871.5	1941.5	1984.2	2032.9	2093.8	2188.2	2272.0	2340.5	2403.0	2424.3
32.5°	1566.9	1635.5	1676.6	1728.4	1771.0	1879.1	1994.8	2103.0	2182.1	2287.2	2332.9
35°	1303.5	1356.8	1426.8	1448.2	1525.8	1617.2	1768.0	1906.5	2026.8	2133.4	2226.3
37.5°	1085.7	1128.4	1203.0	1236.5	1282.2	1399.4	1525.8	1697.9	1842.6	1973.5	2089.3
40°	936.5	968.5	1024.8	1035.5	1073.6	1180.2	1282.2	1443.6	1635.5	1812.1	1938.5
42.5°	834.5	849.7	887.8	901.5	925.9	997.4	1088.8	1241.1	1419.2	1602.0	1780.1
45°	761.4	772.1	794.9	807.1	837.5	869.5	944.1	1065.9	1206.0	1390.3	1582.2
47.5°	695.9	709.6	718.8	726.4	743.1	778.1	826.9	916.7	1050.7	1219.7	1405.5
50°	641.1	645.7	662.4	663.9	674.6	697.4	743.1	797.9	904.5	1041.6	1221.3
52.5°	586.3	590.8	601.5	612.2	616.7	635.0	665.5	711.1	790.3	898.4	1058.3
55°	531.5	537.5	548.2	555.8	560.4	575.6	593.9	638.0	700.5	776.6	907.6
57.5°	476.6	490.3	493.4	498.0	505.6	522.3	539.1	565.0	613.7	683.7	779.7
60°	424.9	429.4	440.1	444.7	452.3	461.4	482.7	502.5	537.5	592.4	679.2
62.5°	371.6	382.2	386.8	391.4	397.4	408.1	421.8	443.1	473.6	517.7	586.3
65°	325.9	327.4	336.5	342.6	348.7	356.3	370.0	389.8	408.1	449.2	499.5
67.5°	281.7	284.8	287.8	293.9	301.5	309.1	321.3	332.0	354.8	382.2	421.8
70°	239.1	239.1	246.7	251.3	249.7	258.9	268.0	280.2	296.9	322.8	354.8
72.5°	201.0	199.5	205.6	207.1	210.1	216.2	222.3	234.5	243.6	263.4	287.8
75°	159.9	162.9	166.0	166.0	170.6	175.1	181.2	187.3	198.0	210.1	228.4
77.5°	126.4	126.4	129.4	131.0	135.5	134.0	140.1	146.2	153.8	164.5	178.2
80°	92.9	95.9	95.9	95.9	97.5	99.0	105.1	109.6	114.2	121.8	127.9
82.5°	65.5	65.5	68.5	68.5	68.5	71.6	71.6	73.1	76.1	80.7	85.3
85°	41.1	41.1	41.1	42.6	41.1	42.6	45.7	44.2	45.7	48.7	48.7
87.5°	19.8	19.8	19.8	19.8	19.8	21.3	19.8	21.3	22.8	22.8	22.8
90°	37.4	36.7	36.1	35.8	35.0	33.4	31.8	30.2	28.6	26.1	23.5
92.5°	38.0	37.7	37.4	37.2	36.9	36.2	35.6	34.9	34.3	33.3	32.4
95°	62.2	62.5	62.8	63.0	62.2	60.6	59.0	57.4	55.8	53.6	51.4
97.5°	78.1	77.8	77.5	77.3	76.8	75.9	74.9	74.0	73.0	67.9	62.8
100°	94.6	94.0	93.3	93.0	91.7	89.2	86.6	84.1	81.5	76.1	70.7
102.5°	102.5	101.5	100.6	100.1	98.4	94.9	91.4	87.9	84.4	142.3	200.1
105°	106.2	104.9	103.6	103.0	101.3	97.8	94.3	90.8	87.3	174.1	260.9
107.5°	109.1	107.8	106.5	105.9	104.1	100.6	97.1	93.6	90.1	197.3	304.4
110°	110.5	109.2	107.9	107.3	123.2	155.0	186.8	218.6	250.4	342.3	434.1

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CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	112.6	111.6	110.7	110.2	178.7	315.7	452.8	589.8	726.8	732.2	737.6
115°	163.1	186.0	208.9	220.3	293.9	441.1	588.3	735.5	882.7	874.8	866.8
117.5°	547.2	630.5	713.8	755.4	778.1	823.6	869.1	914.5	960.0	954.6	949.2
120°	958.6	1001.5	1044.4	1065.9	1064.0	1060.2	1056.3	1052.5	1048.7	1043.0	1037.2
122.5°	1142.5	1142.2	1141.9	1141.7	1140.7	1138.8	1136.9	1135.0	1133.1	1126.7	1120.4
125°	1221.3	1220.4	1219.5	1219.0	1217.9	1215.6	1213.4	1211.1	1208.9	1202.9	1196.9
127.5°	1294.1	1293.8	1293.5	1293.3	1291.7	1288.5	1285.4	1282.2	1279.0	1274.2	1269.5
130°	1361.2	1361.5	1361.8	1362.0	1360.3	1356.8	1353.3	1349.8	1346.3	1342.8	1339.3
132.5°	1425.6	1425.9	1426.2	1426.4	1425.0	1422.1	1419.2	1416.4	1413.5	1410.0	1406.5
135°	1487.8	1488.4	1489.1	1489.4	1487.8	1484.6	1481.4	1478.2	1475.0	1472.2	1469.3
137.5°	1545.6	1546.6	1547.5	1548.0	1546.4	1543.2	1540.1	1536.9	1533.7	1530.5	1527.3
140°	1599.9	1601.4	1603.0	1603.8	1602.4	1599.5	1596.6	1593.8	1590.9	1587.4	1583.9
142.5°	1651.4	1652.9	1654.5	1655.3	1654.0	1651.5	1649.0	1646.4	1643.9	1639.8	1635.6
145°	1698.6	1700.1	1701.7	1702.5	1701.4	1699.2	1696.9	1694.7	1692.5	1687.1	1681.7
147.5°	1740.8	1742.1	1743.4	1744.0	1743.2	1741.6	1740.1	1738.5	1736.9	1731.5	1726.1
150°	1780.1	1781.7	1783.3	1784.1	1783.1	1781.2	1779.3	1777.4	1775.5	1770.4	1765.3
152.5°	1814.2	1816.5	1818.7	1819.8	1818.9	1817.0	1815.1	1813.2	1811.3	1806.5	1801.7
155°	1845.0	1847.5	1850.0	1851.3	1850.3	1848.4	1846.5	1844.6	1842.7	1838.9	1835.1
157.5°	1873.6	1876.1	1878.6	1879.9	1878.8	1876.6	1874.3	1872.1	1869.9	1867.0	1864.2
160°	1897.2	1899.5	1901.7	1902.8	1901.8	1899.9	1898.0	1896.1	1894.2	1892.3	1890.4
162.5°	1918.5	1921.4	1924.3	1925.7	1924.6	1922.4	1920.1	1917.9	1915.7	1914.1	1912.5
165°	1937.3	1939.6	1941.8	1942.9	1941.8	1939.6	1937.3	1935.1	1932.9	1931.9	1931.0
167.5°	1951.4	1954.3	1957.2	1958.6	1957.5	1955.3	1953.0	1950.8	1948.6	1947.6	1946.7
170°	1962.9	1965.8	1968.7	1970.1	1969.0	1966.8	1964.5	1962.3	1960.1	1959.5	1958.8
172.5°	1971.5	1974.4	1977.3	1978.7	1977.6	1975.3	1973.1	1970.8	1968.6	1968.0	1967.4
175°	1976.5	1979.6	1982.8	1984.4	1983.3	1981.1	1978.8	1976.6	1974.4	1973.8	1973.1
177.5°	1978.6	1981.5	1984.4	1985.8	1984.7	1982.5	1980.2	1978.0	1975.8	1975.5	1975.2
180°	1977.2	1977.2	1977.2	1977.2	1977.2	1977.2	1977.2	1977.2	1977.2	1977.2	1977.2

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CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
0°	1981.1	1981.1	1981.1	1981.1	1981.1	1981.1	1981.1	1981.1	1981.1	1981.1	1981.1
2.5°	2032.9	2025.3	2020.7	2023.8	2014.6	1991.8	1991.8	1999.4	1990.3	1981.1	1967.4
5°	2089.3	2074.0	2064.9	2063.4	2042.1	2005.5	1997.9	1990.3	1970.5	1949.2	1926.3
7.5°	2144.1	2116.7	2101.4	2090.8	2060.3	2013.1	1993.3	1976.6	1944.6	1912.6	1883.7
10°	2189.8	2150.2	2131.9	2115.1	2075.6	2016.2	1984.2	1953.7	1912.6	1871.5	1835.0
12.5°	2226.3	2180.6	2157.8	2133.4	2084.7	2007.0	1967.4	1918.7	1877.6	1822.8	1786.2
15°	2287.2	2192.8	2171.5	2148.6	2098.4	1991.8	1943.1	1888.3	1831.9	1758.8	1719.2
17.5°	2335.9	2209.6	2208.0	2159.3	2093.8	1985.7	1911.1	1839.5	1778.6	1705.5	1643.1
20°	2364.9	2235.4	2211.1	2160.8	2078.6	1944.6	1866.9	1787.7	1722.3	1633.9	1571.5
22.5°	2389.2	2272.0	2208.0	2147.1	2046.6	1930.9	1816.7	1742.1	1652.2	1556.3	1496.9
25°	2398.4	2279.6	2212.6	2142.6	2023.8	1891.3	1761.9	1681.2	1580.6	1493.9	1413.1
27.5°	2399.9	2278.1	2195.9	2122.8	1991.8	1839.5	1707.0	1621.8	1510.6	1410.1	1329.4
30°	2384.7	2261.3	2186.7	2107.5	1961.3	1792.3	1640.0	1545.6	1426.8	1326.3	1242.6
32.5°	2339.0	2227.8	2166.9	2080.1	1921.8	1726.8	1576.1	1471.0	1346.1	1247.2	1166.5
35°	2262.9	2186.7	2119.7	2039.0	1870.0	1665.9	1512.1	1388.8	1262.4	1168.0	1091.8
37.5°	2168.4	2127.3	2064.9	1985.7	1810.6	1611.1	1440.6	1303.5	1177.1	1085.7	1011.1
40°	2040.5	2051.2	1990.3	1918.7	1740.5	1536.5	1347.7	1216.7	1097.9	1012.7	939.6
42.5°	1902.0	1946.1	1911.1	1842.6	1662.9	1454.3	1279.1	1134.5	1018.7	930.4	869.5
45°	1752.7	1828.9	1807.5	1757.3	1582.2	1367.5	1181.7	1041.6	939.6	854.3	801.0
47.5°	1589.8	1697.9	1697.9	1661.4	1492.3	1280.7	1097.9	954.8	854.3	793.4	741.6
50°	1423.8	1545.6	1565.4	1541.1	1391.8	1181.7	995.9	866.5	779.7	720.3	682.2
52.5°	1250.2	1391.8	1428.4	1416.2	1285.2	1087.3	912.1	785.8	706.6	654.8	621.3
55°	1084.2	1248.7	1288.3	1292.8	1171.0	983.7	819.3	708.1	632.0	596.9	568.0
57.5°	927.4	1085.7	1129.9	1137.5	1055.3	889.3	732.5	635.0	566.5	537.5	514.7
60°	793.4	925.9	983.7	1000.5	928.9	779.7	651.8	557.3	505.6	478.2	456.8
62.5°	683.7	790.3	851.2	855.8	823.8	683.7	568.0	488.8	444.7	420.3	409.6
65°	577.1	673.1	709.6	727.9	702.0	592.4	490.3	424.9	389.8	368.5	357.9
67.5°	491.9	552.8	583.2	607.6	581.7	499.5	417.2	363.9	338.1	316.7	310.6
70°	403.5	453.8	476.6	501.0	478.2	415.7	356.3	307.6	284.8	268.0	260.4
72.5°	322.8	362.4	383.7	399.0	385.3	333.5	284.8	251.3	234.5	222.3	217.8
75°	255.8	283.2	295.4	306.1	300.0	260.4	229.9	202.5	187.3	176.6	173.6
77.5°	194.9	214.7	228.4	231.5	223.8	198.0	172.1	155.3	143.1	137.1	134.0
80°	138.6	150.8	158.4	162.9	155.3	144.7	126.4	114.2	103.5	95.9	94.4
82.5°	92.9	99.0	105.1	103.5	100.5	91.4	80.7	74.6	70.0	64.0	64.0
85°	53.3	54.8	57.9	59.4	57.9	51.8	45.7	42.6	39.6	35.0	35.0
87.5°	22.8	24.4	24.4	25.9	22.8	22.8	19.8	16.8	16.8	15.2	13.7
90°	21.0	18.5	17.2	15.4	11.9	8.4	4.9	1.4	4.9	8.4	11.9
92.5°	31.4	30.5	30.0	30.6	31.9	33.2	34.5	35.8	34.5	33.2	31.9
95°	49.1	46.9	45.8	51.0	61.5	72.0	82.5	93.0	82.5	72.0	61.5
97.5°	57.7	52.6	50.1	63.1	89.2	115.3	141.3	167.4	141.3	115.3	89.2
100°	65.3	59.9	57.2	79.0	122.5	166.1	209.6	253.2	209.6	166.1	122.5
102.5°	258.0	315.9	344.8	345.1	345.8	346.4	347.1	347.7	347.1	346.4	345.8
105°	347.7	434.5	477.9	473.1	463.6	454.0	444.5	434.9	444.5	454.0	463.6
107.5°	411.6	518.7	572.3	568.3	560.4	552.4	544.5	536.5	544.5	552.4	560.4
110°	526.0	617.9	663.8	660.5	653.8	647.1	640.5	633.8	640.5	647.1	653.8

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CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
112.5°	743.0	748.4	751.1	748.2	742.5	736.8	731.1	725.4	731.1	736.8	742.5
115°	858.9	851.0	847.0	844.3	838.9	833.5	828.1	822.7	828.1	833.5	838.9
117.5°	943.8	938.4	935.7	932.5	926.2	919.8	913.5	907.1	913.5	919.8	926.2
120°	1031.5	1025.8	1022.9	1020.5	1015.8	1011.0	1006.3	1001.5	1006.3	1011.0	1015.8
122.5°	1114.0	1107.7	1104.5	1102.0	1096.9	1091.8	1086.7	1081.6	1086.7	1091.8	1096.9
125°	1190.8	1184.8	1181.8	1179.7	1175.6	1171.5	1167.3	1163.2	1167.3	1171.5	1175.6
127.5°	1264.7	1260.0	1257.6	1255.4	1250.9	1246.5	1242.0	1237.6	1242.0	1246.5	1250.9
130°	1335.8	1332.3	1330.5	1328.0	1322.9	1317.8	1312.8	1307.7	1312.8	1317.8	1322.9
132.5°	1403.0	1399.5	1397.8	1395.7	1391.6	1387.5	1383.3	1379.2	1383.3	1387.5	1391.6
135°	1466.5	1463.6	1462.2	1459.7	1454.6	1449.5	1444.4	1439.3	1444.4	1449.5	1454.6
137.5°	1524.2	1521.0	1519.4	1517.5	1513.7	1509.8	1506.0	1502.2	1506.0	1509.8	1513.7
140°	1580.4	1576.9	1575.2	1573.9	1571.4	1568.9	1566.3	1563.8	1566.3	1568.9	1571.4
142.5°	1631.5	1627.4	1625.3	1624.2	1622.0	1619.7	1617.5	1615.3	1617.5	1619.7	1622.0
145°	1676.3	1670.9	1668.2	1668.4	1668.7	1669.0	1669.3	1669.6	1669.3	1669.0	1668.7
147.5°	1720.6	1715.2	1712.5	1713.0	1713.9	1714.9	1715.8	1716.8	1715.8	1714.9	1713.9
150°	1760.2	1755.1	1752.6	1753.7	1755.9	1758.2	1760.4	1762.6	1760.4	1758.2	1755.9
152.5°	1797.0	1792.2	1789.8	1791.1	1793.6	1796.1	1798.7	1801.2	1798.7	1796.1	1793.6
155°	1831.3	1827.5	1825.6	1827.0	1829.9	1832.7	1835.6	1838.4	1835.6	1832.7	1829.9
157.5°	1861.3	1858.4	1857.0	1858.3	1860.8	1863.4	1865.9	1868.5	1865.9	1863.4	1860.8
160°	1888.5	1886.6	1885.7	1886.6	1888.5	1890.4	1892.3	1894.2	1892.3	1890.4	1888.5
162.5°	1910.9	1909.3	1908.5	1909.5	1911.4	1913.3	1915.2	1917.1	1915.2	1913.3	1911.4
165°	1930.0	1929.1	1928.6	1929.6	1931.5	1933.4	1935.3	1937.2	1935.3	1933.4	1931.5
167.5°	1945.7	1944.8	1944.3	1945.3	1947.2	1949.1	1951.0	1952.9	1951.0	1949.1	1947.2
170°	1958.2	1957.5	1957.2	1958.2	1960.1	1962.0	1963.9	1965.8	1963.9	1962.0	1960.1
172.5°	1966.7	1966.1	1965.8	1966.8	1968.7	1970.6	1972.5	1974.4	1972.5	1970.6	1968.7
175°	1972.5	1971.8	1971.5	1972.6	1974.8	1977.1	1979.3	1981.5	1979.3	1977.1	1974.8
177.5°	1974.9	1974.6	1974.4	1975.5	1977.7	1980.0	1982.2	1984.4	1982.2	1980.0	1977.7
180°	1977.2	1977.2	1977.2	1977.2	1977.2	1977.2	1977.2	1977.2	1977.2	1977.2	1977.2

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CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
0°	1981.1	1981.1	1981.1	1981.1	1981.1	1981.1	1981.1	1981.1	1981.1	1981.1	1981.1
2.5°	1959.8	1967.4	1965.9	1950.7	1933.9	1920.2	1894.3	1897.4	1888.3	1889.8	1898.9
5°	1911.1	1911.1	1905.0	1883.7	1856.3	1841.0	1812.1	1804.5	1786.2	1784.7	1783.2
7.5°	1859.3	1851.7	1844.1	1813.6	1780.1	1755.8	1716.2	1707.0	1688.8	1676.6	1670.5
10°	1798.4	1787.7	1772.5	1737.5	1696.4	1665.9	1624.8	1612.6	1577.6	1562.4	1553.2
12.5°	1731.4	1725.3	1700.9	1672.0	1605.0	1571.5	1512.1	1524.3	1489.3	1458.8	1454.3
15°	1664.4	1641.6	1627.9	1580.6	1499.9	1484.7	1437.5	1413.1	1381.2	1356.8	1356.8
17.5°	1598.9	1563.9	1533.4	1483.2	1423.8	1381.2	1346.1	1334.0	1294.4	1270.0	1265.4
20°	1512.1	1472.5	1464.9	1393.3	1352.2	1305.0	1271.5	1241.1	1212.1	1201.5	1193.9
22.5°	1429.9	1384.2	1372.0	1311.1	1270.0	1222.8	1189.3	1168.0	1146.7	1139.0	1125.3
25°	1341.6	1314.2	1295.9	1230.4	1184.7	1140.6	1117.7	1102.5	1082.7	1081.2	1072.0
27.5°	1256.3	1230.4	1212.1	1149.7	1116.2	1075.1	1056.8	1040.1	1029.4	1024.8	1020.3
30°	1183.2	1154.3	1133.0	1087.3	1046.2	1012.7	997.4	986.8	980.7	973.1	971.5
32.5°	1102.5	1085.7	1056.8	1021.8	989.8	957.8	948.7	941.1	931.9	928.9	927.4
35°	1034.0	1011.1	992.9	953.3	939.6	912.1	901.5	895.4	883.2	880.2	877.1
37.5°	967.0	945.6	925.9	901.5	875.6	860.4	854.3	845.1	839.1	840.6	837.5
40°	900.0	883.2	868.0	842.1	826.9	819.3	807.1	797.9	794.9	796.4	794.9
42.5°	834.5	819.3	810.1	790.3	775.1	767.5	759.9	750.7	755.3	755.3	759.9
45°	775.1	761.4	755.3	740.1	730.9	718.8	711.1	709.6	715.7	714.2	714.2
47.5°	714.2	709.6	702.0	688.3	676.1	668.5	667.0	667.0	673.1	676.1	674.6
50°	667.0	657.8	648.7	638.0	628.9	625.9	621.3	624.3	630.4	630.4	633.5
52.5°	607.6	601.5	598.5	589.3	583.2	583.2	583.2	584.7	589.3	593.9	592.4
55°	555.8	551.2	548.2	543.6	536.0	537.5	536.0	539.1	543.6	548.2	551.2
57.5°	501.0	499.5	496.4	488.8	488.8	487.3	491.9	493.4	501.0	504.0	508.6
60°	452.3	447.7	447.7	441.6	441.6	441.6	446.2	450.7	456.8	458.4	461.4
62.5°	400.5	400.5	399.0	394.4	394.4	399.0	400.5	406.6	409.6	409.6	414.2
65°	351.8	350.2	348.7	350.2	351.8	351.8	356.3	359.4	362.4	363.9	365.5
67.5°	303.0	301.5	304.6	303.0	306.1	312.2	310.6	315.2	319.8	319.8	321.3
70°	257.4	260.4	258.9	261.9	260.4	263.4	268.0	269.5	269.5	271.1	275.6
72.5°	214.7	214.7	214.7	213.2	214.7	217.8	220.8	222.3	225.4	226.9	231.5
75°	173.6	173.6	170.6	173.6	173.6	176.6	179.7	179.7	179.7	182.7	187.3
77.5°	131.0	132.5	131.0	134.0	134.0	135.5	138.6	137.1	140.1	141.6	143.1
80°	95.9	94.4	94.4	94.4	95.9	95.9	99.0	100.5	100.5	105.1	102.0
82.5°	60.9	62.4	60.9	62.4	62.4	64.0	62.4	64.0	65.5	68.5	67.0
85°	35.0	33.5	33.5	35.0	33.5	33.5	35.0	33.5	35.0	33.5	35.0
87.5°	13.7	12.2	12.2	12.2	12.2	10.7	10.7	9.1	9.1	9.1	7.6
90°	15.4	17.2	18.5	21.0	23.5	26.1	28.6	30.2	31.8	33.4	35.0
92.5°	30.6	30.0	30.5	31.4	32.4	33.3	34.3	34.9	35.6	36.2	36.9
95°	51.0	45.8	46.9	49.1	51.4	53.6	55.8	57.4	59.0	60.6	62.2
97.5°	63.1	50.1	52.6	57.7	62.8	67.9	73.0	74.0	74.9	75.9	76.8
100°	79.0	57.2	59.9	65.3	70.7	76.1	81.5	84.1	86.6	89.2	91.7
102.5°	345.1	344.8	315.9	258.0	200.1	142.3	84.4	87.9	91.4	94.9	98.4
105°	473.1	477.9	434.5	347.7	260.9	174.1	87.3	90.8	94.3	97.8	101.3
107.5°	568.3	572.3	518.7	411.6	304.4	197.3	90.1	93.6	97.1	100.6	104.1
110°	660.5	663.8	617.9	526.0	434.1	342.3	250.4	218.6	186.8	155.0	123.2

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CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
112.5°	748.2	751.1	748.4	743.0	737.6	732.2	726.8	589.8	452.8	315.7	178.7
115°	844.3	847.0	851.0	858.9	866.8	874.8	882.7	735.5	588.3	441.1	293.9
117.5°	932.5	935.7	938.4	943.8	949.2	954.6	960.0	914.5	869.1	823.6	778.1
120°	1020.5	1022.9	1025.8	1031.5	1037.2	1043.0	1048.7	1052.5	1056.3	1060.2	1064.0
122.5°	1102.0	1104.5	1107.7	1114.0	1120.4	1126.7	1133.1	1135.0	1136.9	1138.8	1140.7
125°	1179.7	1181.8	1184.8	1190.8	1196.9	1202.9	1208.9	1211.1	1213.4	1215.6	1217.9
127.5°	1255.4	1257.6	1260.0	1264.7	1269.5	1274.2	1279.0	1282.2	1285.4	1288.5	1291.7
130°	1328.0	1330.5	1332.3	1335.8	1339.3	1342.8	1346.3	1349.8	1353.3	1356.8	1360.3
132.5°	1395.7	1397.8	1399.5	1403.0	1406.5	1410.0	1413.5	1416.4	1419.2	1422.1	1425.0
135°	1459.7	1462.2	1463.6	1466.5	1469.3	1472.2	1475.0	1478.2	1481.4	1484.6	1487.8
137.5°	1517.5	1519.4	1521.0	1524.2	1527.3	1530.5	1533.7	1536.9	1540.1	1543.2	1546.4
140°	1573.9	1575.2	1576.9	1580.4	1583.9	1587.4	1590.9	1593.8	1596.6	1599.5	1602.4
142.5°	1624.2	1625.3	1627.4	1631.5	1635.6	1639.8	1643.9	1646.4	1649.0	1651.5	1654.0
145°	1668.4	1668.2	1670.9	1676.3	1681.7	1687.1	1692.5	1694.7	1696.9	1699.2	1701.4
147.5°	1713.0	1712.5	1715.2	1720.6	1726.1	1731.5	1736.9	1738.5	1740.1	1741.6	1743.2
150°	1753.7	1752.6	1755.1	1760.2	1765.3	1770.4	1775.5	1777.4	1779.3	1781.2	1783.1
152.5°	1791.1	1789.8	1792.2	1797.0	1801.7	1806.5	1811.3	1813.2	1815.1	1817.0	1818.9
155°	1827.0	1825.6	1827.5	1831.3	1835.1	1838.9	1842.7	1844.6	1846.5	1848.4	1850.3
157.5°	1858.3	1857.0	1858.4	1861.3	1864.2	1867.0	1869.9	1872.1	1874.3	1876.6	1878.8
160°	1886.6	1885.7	1886.6	1888.5	1890.4	1892.3	1894.2	1896.1	1898.0	1899.9	1901.8
162.5°	1909.5	1908.5	1909.3	1910.9	1912.5	1914.1	1915.7	1917.9	1920.1	1922.4	1924.6
165°	1929.6	1928.6	1929.1	1930.0	1931.0	1931.9	1932.9	1935.1	1937.3	1939.6	1941.8
167.5°	1945.3	1944.3	1944.8	1945.7	1946.7	1947.6	1948.6	1950.8	1953.0	1955.3	1957.5
170°	1958.2	1957.2	1957.5	1958.2	1958.8	1959.5	1960.1	1962.3	1964.5	1966.8	1969.0
172.5°	1966.8	1965.8	1966.1	1966.7	1967.4	1968.0	1968.6	1970.8	1973.1	1975.3	1977.6
175°	1972.6	1971.5	1971.8	1972.5	1973.1	1973.8	1974.4	1976.6	1978.8	1981.1	1983.3
177.5°	1975.5	1974.4	1974.6	1974.9	1975.2	1975.5	1975.8	1978.0	1980.2	1982.5	1984.7
180°	1977.2	1977.2	1977.2	1977.2	1977.2	1977.2	1977.2	1977.2	1977.2	1977.2	1977.2

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CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
0°	1981.1	1981.1	1981.1	1981.1	1981.1	1981.1	1981.1	1981.1	1981.1	1981.1	1981.1
2.5°	1888.3	1892.8	1882.2	1879.1	1882.2	1871.5	1874.5	1877.6	1877.6	1882.2	1885.2
5°	1778.6	1772.5	1761.9	1758.8	1755.8	1760.3	1757.3	1761.9	1763.4	1774.0	1775.6
7.5°	1670.5	1661.4	1652.2	1643.1	1640.0	1632.4	1640.0	1640.0	1650.7	1647.7	1655.3
10°	1542.6	1541.1	1528.9	1524.3	1518.2	1506.0	1522.8	1518.2	1525.8	1539.5	1542.6
12.5°	1448.2	1431.4	1439.0	1417.7	1425.3	1413.1	1414.7	1414.7	1426.8	1428.4	1425.3
15°	1358.3	1344.6	1324.8	1315.7	1311.1	1305.0	1324.8	1326.3	1317.2	1338.5	1330.9
17.5°	1267.0	1267.0	1248.7	1244.1	1231.9	1238.0	1235.0	1236.5	1233.5	1248.7	1256.3
20°	1187.8	1180.2	1174.1	1175.6	1160.4	1157.3	1154.3	1157.3	1168.0	1178.6	1181.7
22.5°	1123.8	1119.2	1104.0	1107.1	1094.9	1099.4	1096.4	1104.0	1105.5	1105.5	1116.2
25°	1062.9	1056.8	1058.3	1052.2	1047.7	1047.7	1043.1	1047.7	1053.8	1056.8	1058.3
27.5°	1017.2	1012.7	1005.0	1000.5	1003.5	995.9	1002.0	1006.6	1006.6	1003.5	1006.6
30°	962.4	965.4	965.4	950.2	956.3	953.3	957.8	960.9	960.9	962.4	959.4
32.5°	925.9	916.7	915.2	913.7	913.7	907.6	907.6	912.1	913.7	915.2	919.8
35°	877.1	877.1	869.5	874.1	868.0	869.5	868.0	869.5	872.6	868.0	872.6
37.5°	833.0	834.5	831.4	834.5	836.0	833.0	829.9	836.0	833.0	833.0	829.9
40°	794.9	793.4	794.9	794.9	794.9	796.4	793.4	793.4	793.4	790.3	787.3
42.5°	762.9	753.8	756.8	758.3	753.8	753.8	755.3	753.8	758.3	749.2	749.2
45°	717.2	714.2	715.7	715.7	718.8	714.2	717.2	718.8	714.2	712.7	709.6
47.5°	676.1	679.2	676.1	679.2	679.2	682.2	676.1	677.6	679.2	673.1	668.5
50°	635.0	635.0	639.6	638.0	639.6	636.5	636.5	635.0	636.5	633.5	628.9
52.5°	596.9	592.4	600.0	598.5	596.9	595.4	593.9	595.4	592.4	589.3	589.3
55°	549.7	549.7	554.3	555.8	555.8	552.8	549.7	551.2	549.7	548.2	546.7
57.5°	511.7	505.6	508.6	510.1	510.1	505.6	508.6	505.6	505.6	507.1	502.5
60°	462.9	462.9	459.9	464.4	464.4	461.4	461.4	462.9	459.9	458.4	456.8
62.5°	411.2	412.7	417.2	418.8	420.3	417.2	414.2	415.7	415.7	411.2	412.7
65°	367.0	370.0	376.1	374.6	371.6	373.1	370.0	371.6	367.0	368.5	363.9
67.5°	324.4	322.8	324.4	324.4	327.4	325.9	322.8	322.8	321.3	325.9	321.3
70°	278.7	278.7	278.7	278.7	280.2	281.7	278.7	275.6	277.1	274.1	272.6
72.5°	231.5	233.0	231.5	234.5	229.9	233.0	233.0	231.5	229.9	229.9	229.9
75°	187.3	190.3	185.8	187.3	185.8	188.8	187.3	187.3	184.3	182.7	184.3
77.5°	143.1	144.7	141.6	143.1	141.6	143.1	143.1	141.6	141.6	141.6	141.6
80°	102.0	103.5	102.0	100.5	99.0	102.0	99.0	100.5	102.0	100.5	103.5
82.5°	65.5	65.5	64.0	65.5	62.4	62.4	64.0	64.0	62.4	65.5	62.4
85°	32.0	32.0	35.0	32.0	30.5	30.5	30.5	32.0	30.5	33.5	32.0
87.5°	7.6	6.1	7.6	7.6	6.1	6.1	7.6	6.1	7.6	9.1	6.1
90°	35.8	36.1	36.7	37.4	38.0	38.6	38.0	37.4	36.7	36.1	35.8
92.5°	37.2	37.4	37.7	38.0	38.3	38.6	38.3	38.0	37.7	37.4	37.2
95°	63.0	62.8	62.5	62.2	61.8	61.5	61.8	62.2	62.5	62.8	63.0
97.5°	77.3	77.5	77.8	78.1	78.4	78.7	78.4	78.1	77.8	77.5	77.3
100°	93.0	93.3	94.0	94.6	95.3	95.9	95.3	94.6	94.0	93.3	93.0
102.5°	100.1	100.6	101.5	102.5	103.4	104.4	103.4	102.5	101.5	100.6	100.1
105°	103.0	103.6	104.9	106.2	107.4	108.7	107.4	106.2	104.9	103.6	103.0
107.5°	105.9	106.5	107.8	109.1	110.3	111.6	110.3	109.1	107.8	106.5	105.9
110°	107.3	107.9	109.2	110.5	111.7	113.0	111.7	110.5	109.2	107.9	107.3

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CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
112.5°	110.2	110.7	111.6	112.6	113.5	114.5	113.5	112.6	111.6	110.7	110.2
115°	220.3	208.9	186.0	163.1	140.2	117.3	140.2	163.1	186.0	208.9	220.3
117.5°	755.4	713.8	630.5	547.2	463.9	380.6	463.9	547.2	630.5	713.8	755.4
120°	1065.9	1044.4	1001.5	958.6	915.6	872.7	915.6	958.6	1001.5	1044.4	1065.9
122.5°	1141.7	1141.9	1142.2	1142.5	1142.8	1143.1	1142.8	1142.5	1142.2	1141.9	1141.7
125°	1219.0	1219.5	1220.4	1221.3	1222.3	1223.2	1222.3	1221.3	1220.4	1219.5	1219.0
127.5°	1293.3	1293.5	1293.8	1294.1	1294.5	1294.8	1294.5	1294.1	1293.8	1293.5	1293.3
130°	1362.0	1361.8	1361.5	1361.2	1360.9	1360.6	1360.9	1361.2	1361.5	1361.8	1362.0
132.5°	1426.4	1426.2	1425.9	1425.6	1425.3	1425.0	1425.3	1425.6	1425.9	1426.2	1426.4
135°	1489.4	1489.1	1488.4	1487.8	1487.1	1486.5	1487.1	1487.8	1488.4	1489.1	1489.4
137.5°	1548.0	1547.5	1546.6	1545.6	1544.7	1543.7	1544.7	1545.6	1546.6	1547.5	1548.0
140°	1603.8	1603.0	1601.4	1599.9	1598.3	1596.7	1598.3	1599.9	1601.4	1603.0	1603.8
142.5°	1655.3	1654.5	1652.9	1651.4	1649.8	1648.2	1649.8	1651.4	1652.9	1654.5	1655.3
145°	1702.5	1701.7	1700.1	1698.6	1697.0	1695.4	1697.0	1698.6	1700.1	1701.7	1702.5
147.5°	1744.0	1743.4	1742.1	1740.8	1739.6	1738.3	1739.6	1740.8	1742.1	1743.4	1744.0
150°	1784.1	1783.3	1781.7	1780.1	1778.5	1776.9	1778.5	1780.1	1781.7	1783.3	1784.1
152.5°	1819.8	1818.7	1816.5	1814.2	1812.0	1809.8	1812.0	1814.2	1816.5	1818.7	1819.8
155°	1851.3	1850.0	1847.5	1845.0	1842.4	1839.9	1842.4	1845.0	1847.5	1850.0	1851.3
157.5°	1879.9	1878.6	1876.1	1873.6	1871.0	1868.5	1871.0	1873.6	1876.1	1878.6	1879.9
160°	1902.8	1901.7	1899.5	1897.2	1895.0	1892.8	1895.0	1897.2	1899.5	1901.7	1902.8
162.5°	1925.7	1924.3	1921.4	1918.5	1915.7	1912.8	1915.7	1918.5	1921.4	1924.3	1925.7
165°	1942.9	1941.8	1939.6	1937.3	1935.1	1932.9	1935.1	1937.3	1939.6	1941.8	1942.9
167.5°	1958.6	1957.2	1954.3	1951.4	1948.6	1945.7	1948.6	1951.4	1954.3	1957.2	1958.6
170°	1970.1	1968.7	1965.8	1962.9	1960.1	1957.2	1960.1	1962.9	1965.8	1968.7	1970.1
172.5°	1978.7	1977.3	1974.4	1971.5	1968.7	1965.8	1968.7	1971.5	1974.4	1977.3	1978.7
175°	1984.4	1982.8	1979.6	1976.5	1973.3	1970.1	1973.3	1976.5	1979.6	1982.8	1984.4
177.5°	1985.8	1984.4	1981.5	1978.6	1975.8	1972.9	1975.8	1978.6	1981.5	1984.4	1985.8
180°	1977.2	1977.2	1977.2	1977.2	1977.2	1977.2	1977.2	1977.2	1977.2	1977.2	1977.2

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CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
0°	1981.1	1981.1	1981.1	1981.1	1981.1	1981.1	1981.1	1981.1	1981.1	1981.1	1981.1
2.5°	1880.6	1892.8	1888.3	1871.5	1891.3	1891.3	1905.0	1905.0	1921.8	1927.8	1937.0
5°	1774.0	1783.2	1790.8	1783.2	1796.9	1818.2	1830.4	1841.0	1863.9	1873.0	1886.7
7.5°	1659.8	1676.6	1684.2	1684.2	1707.0	1731.4	1755.8	1771.0	1803.0	1815.2	1828.9
10°	1548.7	1568.5	1583.7	1582.2	1620.2	1635.5	1665.9	1700.9	1732.9	1751.2	1771.0
12.5°	1431.4	1442.1	1463.4	1493.9	1503.0	1530.4	1565.4	1609.6	1667.4	1684.2	1713.1
15°	1334.0	1362.9	1379.6	1393.3	1414.7	1440.6	1478.6	1521.3	1579.1	1615.7	1646.1
17.5°	1251.7	1289.8	1300.5	1297.4	1324.8	1364.4	1408.6	1440.6	1492.3	1536.5	1565.4
20°	1184.7	1200.0	1218.2	1225.8	1247.2	1289.8	1332.4	1369.0	1411.6	1446.6	1480.1
22.5°	1117.7	1129.9	1145.1	1158.8	1175.6	1200.0	1241.1	1286.8	1327.9	1361.4	1399.4
25°	1062.9	1070.5	1084.2	1094.9	1113.2	1129.9	1158.8	1209.1	1257.8	1277.6	1311.1
27.5°	1009.6	1015.7	1024.8	1037.0	1046.2	1062.9	1088.8	1129.9	1180.2	1200.0	1245.6
30°	962.4	967.0	976.1	982.2	986.8	1006.6	1026.4	1058.3	1096.4	1123.8	1157.3
32.5°	918.2	922.8	931.9	933.5	939.6	950.2	968.5	997.4	1030.9	1053.8	1082.7
35°	869.5	872.6	881.7	884.7	889.3	898.4	912.1	933.5	963.9	980.7	1006.6
37.5°	831.4	829.9	836.0	840.6	846.7	851.2	855.8	877.1	900.0	915.2	935.0
40°	790.3	787.3	788.8	794.9	797.9	804.0	804.0	825.3	840.6	852.8	868.0
42.5°	749.2	747.7	744.6	747.7	750.7	752.3	753.8	769.0	784.2	794.9	811.6
45°	708.1	706.6	703.5	705.0	705.0	708.1	712.7	718.8	729.4	738.5	747.7
47.5°	670.0	667.0	662.4	660.9	663.9	663.9	663.9	670.0	680.7	683.7	692.9
50°	630.4	625.9	619.8	616.7	616.7	615.2	618.2	619.8	628.9	632.0	639.6
52.5°	587.8	584.7	578.7	572.6	574.1	571.0	572.6	574.1	577.1	581.7	586.3
55°	545.2	539.1	534.5	533.0	528.4	528.4	523.8	529.9	528.4	529.9	536.0
57.5°	504.0	498.0	490.3	487.3	482.7	481.2	478.2	476.6	478.2	482.7	487.3
60°	455.3	452.3	447.7	443.1	440.1	435.5	432.5	432.5	430.9	430.9	432.5
62.5°	408.1	406.6	400.5	399.0	395.9	392.9	388.3	385.3	385.3	388.3	389.8
65°	362.4	360.9	356.3	354.8	347.2	344.1	342.6	341.1	338.1	338.1	338.1
67.5°	319.8	315.2	315.2	307.6	301.5	298.5	295.4	293.9	293.9	293.9	295.4
70°	272.6	272.6	268.0	263.4	257.4	258.9	254.3	249.7	249.7	246.7	248.2
72.5°	226.9	225.4	220.8	219.3	214.7	210.1	207.1	210.1	205.6	204.1	205.6
75°	182.7	181.2	178.2	175.1	176.6	172.1	167.5	166.0	166.0	162.9	162.9
77.5°	140.1	143.1	137.1	135.5	132.5	129.4	127.9	126.4	126.4	126.4	129.4
80°	97.5	99.0	99.0	95.9	97.5	92.9	92.9	92.9	88.3	89.8	91.4
82.5°	62.4	62.4	60.9	62.4	60.9	60.9	59.4	59.4	57.9	57.9	59.4
85°	35.0	33.5	32.0	35.0	33.5	33.5	32.0	32.0	32.0	32.0	32.0
87.5°	7.6	9.1	9.1	9.1	9.1	10.7	10.7	10.7	12.2	12.2	12.2
90°	35.0	33.4	31.8	30.2	28.6	26.1	23.5	21.0	18.5	17.2	15.4
92.5°	36.9	36.2	35.6	34.9	34.3	33.3	32.4	31.4	30.5	30.0	30.6
95°	62.2	60.6	59.0	57.4	55.8	53.6	51.4	49.1	46.9	45.8	51.0
97.5°	76.8	75.9	74.9	74.0	73.0	67.9	62.8	57.7	52.6	50.1	63.1
100°	91.7	89.2	86.6	84.1	81.5	76.1	70.7	65.3	59.9	57.2	79.0
102.5°	98.4	94.9	91.4	87.9	84.4	142.3	200.1	258.0	315.9	344.8	345.1
105°	101.3	97.8	94.3	90.8	87.3	174.1	260.9	347.7	434.5	477.9	473.1
107.5°	104.1	100.6	97.1	93.6	90.1	197.3	304.4	411.6	518.7	572.3	568.3
110°	123.2	155.0	186.8	218.6	250.4	342.3	434.1	526.0	617.9	663.8	660.5

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CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
112.5°	178.7	315.7	452.8	589.8	726.8	732.2	737.6	743.0	748.4	751.1	748.2
115°	293.9	441.1	588.3	735.5	882.7	874.8	866.8	858.9	851.0	847.0	844.3
117.5°	778.1	823.6	869.1	914.5	960.0	954.6	949.2	943.8	938.4	935.7	932.5
120°	1064.0	1060.2	1056.3	1052.5	1048.7	1043.0	1037.2	1031.5	1025.8	1022.9	1020.5
122.5°	1140.7	1138.8	1136.9	1135.0	1133.1	1126.7	1120.4	1114.0	1107.7	1104.5	1102.0
125°	1217.9	1215.6	1213.4	1211.1	1208.9	1202.9	1196.9	1190.8	1184.8	1181.8	1179.7
127.5°	1291.7	1288.5	1285.4	1282.2	1279.0	1274.2	1269.5	1264.7	1260.0	1257.6	1255.4
130°	1360.3	1356.8	1353.3	1349.8	1346.3	1342.8	1339.3	1335.8	1332.3	1330.5	1328.0
132.5°	1425.0	1422.1	1419.2	1416.4	1413.5	1410.0	1406.5	1403.0	1399.5	1397.8	1395.7
135°	1487.8	1484.6	1481.4	1478.2	1475.0	1472.2	1469.3	1466.5	1463.6	1462.2	1459.7
137.5°	1546.4	1543.2	1540.1	1536.9	1533.7	1530.5	1527.3	1524.2	1521.0	1519.4	1517.5
140°	1602.4	1599.5	1596.6	1593.8	1590.9	1587.4	1583.9	1580.4	1576.9	1575.2	1573.9
142.5°	1654.0	1651.5	1649.0	1646.4	1643.9	1639.8	1635.6	1631.5	1627.4	1625.3	1624.2
145°	1701.4	1699.2	1696.9	1694.7	1692.5	1687.1	1681.7	1676.3	1670.9	1668.2	1668.4
147.5°	1743.2	1741.6	1740.1	1738.5	1736.9	1731.5	1726.1	1720.6	1715.2	1712.5	1713.0
150°	1783.1	1781.2	1779.3	1777.4	1775.5	1770.4	1765.3	1760.2	1755.1	1752.6	1753.7
152.5°	1818.9	1817.0	1815.1	1813.2	1811.3	1806.5	1801.7	1797.0	1792.2	1789.8	1791.1
155°	1850.3	1848.4	1846.5	1844.6	1842.7	1838.9	1835.1	1831.3	1827.5	1825.6	1827.0
157.5°	1878.8	1876.6	1874.3	1872.1	1869.9	1867.0	1864.2	1861.3	1858.4	1857.0	1858.3
160°	1901.8	1899.9	1898.0	1896.1	1894.2	1892.3	1890.4	1888.5	1886.6	1885.7	1886.6
162.5°	1924.6	1922.4	1920.1	1917.9	1915.7	1914.1	1912.5	1910.9	1909.3	1908.5	1909.5
165°	1941.8	1939.6	1937.3	1935.1	1932.9	1931.9	1931.0	1930.0	1929.1	1928.6	1929.6
167.5°	1957.5	1955.3	1953.0	1950.8	1948.6	1947.6	1946.7	1945.7	1944.8	1944.3	1945.3
170°	1969.0	1966.8	1964.5	1962.3	1960.1	1959.5	1958.8	1958.2	1957.5	1957.2	1958.2
172.5°	1977.6	1975.3	1973.1	1970.8	1968.6	1968.0	1967.4	1966.7	1966.1	1965.8	1966.8
175°	1983.3	1981.1	1978.8	1976.6	1974.4	1973.8	1973.1	1972.5	1971.8	1971.5	1972.6
177.5°	1984.7	1982.5	1980.2	1978.0	1975.8	1975.5	1975.2	1974.9	1974.6	1974.4	1975.5
180°	1977.2	1977.2	1977.2	1977.2	1977.2	1977.2	1977.2	1977.2	1977.2	1977.2	1977.2

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CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
0°	1981.1	1981.1	1981.1	1981.1
2.5°	1944.6	1944.6	1967.4	1991.8
5°	1902.0	1912.6	1949.2	1982.7
7.5°	1860.8	1879.1	1924.8	1967.4
10°	1810.6	1835.0	1891.3	1941.5
12.5°	1761.9	1784.7	1850.2	1906.5
15°	1693.3	1722.3	1792.3	1862.4
17.5°	1624.8	1653.7	1739.0	1821.2
20°	1544.1	1582.2	1678.1	1787.7
22.5°	1469.5	1516.7	1623.3	1711.6
25°	1387.3	1460.3	1559.3	1673.5
27.5°	1314.2	1387.3	1487.8	1603.5
30°	1231.9	1306.5	1410.1	1516.7
32.5°	1152.7	1221.3	1321.8	1452.7
35°	1070.5	1136.0	1233.5	1365.9
37.5°	995.9	1059.9	1166.5	1288.3
40°	922.8	989.8	1081.2	1203.0
42.5°	854.3	913.7	995.9	1117.7
45°	791.8	834.5	910.6	1024.8
47.5°	726.4	764.4	834.5	948.7
50°	665.5	697.4	758.3	864.9
52.5°	606.1	633.5	689.8	775.1
55°	552.8	578.7	619.8	703.5
57.5°	498.0	517.7	557.3	624.3
60°	444.7	462.9	494.9	549.7
62.5°	391.4	406.6	437.0	481.2
65°	344.1	356.3	379.2	417.2
67.5°	298.5	306.1	324.4	354.8
70°	254.3	260.4	275.6	300.0
72.5°	207.1	213.2	229.9	246.7
75°	167.5	169.0	181.2	194.9
77.5°	131.0	129.4	138.6	149.2
80°	89.8	94.4	102.0	106.6
82.5°	60.9	62.4	65.5	68.5
85°	33.5	35.0	35.0	39.6
87.5°	13.7	15.2	15.2	16.8
90°	11.9	8.4	4.9	1.4
92.5°	31.9	33.2	34.5	35.8
95°	61.5	72.0	82.5	93.0
97.5°	89.2	115.3	141.3	167.4
100°	122.5	166.1	209.6	253.2
102.5°	345.8	346.4	347.1	347.7
105°	463.6	454.0	444.5	434.9
107.5°	560.4	552.4	544.5	536.5
110°	653.8	647.1	640.5	633.8

TEST NUMBER: P1029189

CATALOG NUMBER: S122DIW-B1005D1440UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
112.5°	742.5	736.8	731.1	725.4
115°	838.9	833.5	828.1	822.7
117.5°	926.2	919.8	913.5	907.1
120°	1015.8	1011.0	1006.3	1001.5
122.5°	1096.9	1091.8	1086.7	1081.6
125°	1175.6	1171.5	1167.3	1163.2
127.5°	1250.9	1246.5	1242.0	1237.6
130°	1322.9	1317.8	1312.8	1307.7
132.5°	1391.6	1387.5	1383.3	1379.2
135°	1454.6	1449.5	1444.4	1439.3
137.5°	1513.7	1509.8	1506.0	1502.2
140°	1571.4	1568.9	1566.3	1563.8
142.5°	1622.0	1619.7	1617.5	1615.3
145°	1668.7	1669.0	1669.3	1669.6
147.5°	1713.9	1714.9	1715.8	1716.8
150°	1755.9	1758.2	1760.4	1762.6
152.5°	1793.6	1796.1	1798.7	1801.2
155°	1829.9	1832.7	1835.6	1838.4
157.5°	1860.8	1863.4	1865.9	1868.5
160°	1888.5	1890.4	1892.3	1894.2
162.5°	1911.4	1913.3	1915.2	1917.1
165°	1931.5	1933.4	1935.3	1937.2
167.5°	1947.2	1949.1	1951.0	1952.9
170°	1960.1	1962.0	1963.9	1965.8
172.5°	1968.7	1970.6	1972.5	1974.4
175°	1974.8	1977.1	1979.3	1981.5
177.5°	1977.7	1980.0	1982.2	1984.4
180°	1977.2	1977.2	1977.2	1977.2

(END OF REPORT)