

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: P1029336

Luminaire Tested: S122DIW-B290D1440UB2750-4F0-XX-W2A-A_2700K

Issue Date: 5/6/2025

Test Information

Test Method: LM-79-2019
Report Number: P1029336
REPORT IS A COMBINATION OF REPORTS P985577 AND P1007351
Test Lab: INNOVATION CENTER
Issue Date: 5/6/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: NEO-RAY
Catalog Number: S122DIW-B290D1440UB2750-4F0-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

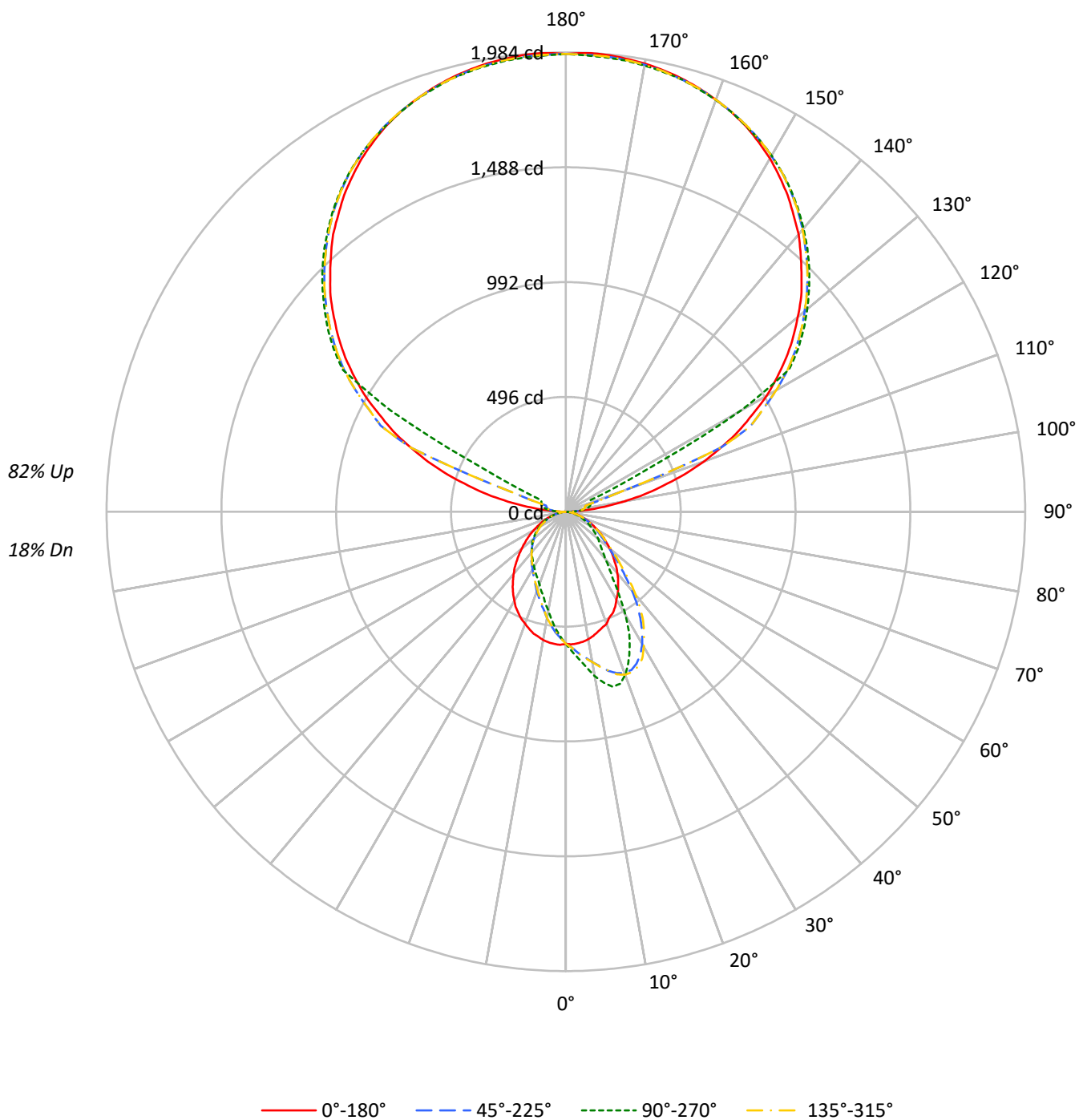
Lumens per Lamp: N/A
Luminaire Lumens: 7058.0 lumens
Efficiency: N/A
Efficacy: 108.3 lumens/watt
Spacing Criteria (0/90/45): 1.16 / 1.09 / 1.23
Luminous Opening: Rectangular w/ Sides (W: 0.17' x L: 4' x H: 0.1')
CIE Type: Semi-Indirect

Input Watts (W): 65.2
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	99	99	99	99	88	88	88	88	65	65	65	45	45	45	27	27	27
1	91	87	83	80	80	77	74	71	57	56	54	40	39	38	24	23	23
2	83	76	70	65	73	67	62	58	50	47	45	35	33	32	21	20	19
3	75	67	60	54	66	59	53	49	45	41	38	31	29	27	19	18	17
4	69	59	52	46	61	52	46	41	40	35	32	28	25	23	17	16	14
5	63	52	45	39	56	47	40	35	35	31	28	25	22	20	15	14	13
6	58	47	39	34	51	42	35	31	32	27	24	23	20	18	14	12	11
7	54	42	35	30	47	38	31	27	29	24	21	20	18	15	13	11	10
8	50	38	31	26	44	34	28	23	26	22	19	19	16	14	12	10	9
9	46	35	28	23	41	31	25	21	24	19	16	17	14	12	11	9	8
10	43	32	25	20	38	28	22	18	22	18	15	16	13	11	10	8	7

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	9026	9026	9026	9026
5°	9047	9623	9082	7656
10°	8942	10506	8998	6312
15°	8725	11080	8846	5317
20°	8589	10405	8589	4622
25°	8316	8938	8353	4132
30°	7865	7027	8014	3744
35°	7466	4859	7591	3424
40°	7007	3669	7088	3171
45°	6443	3015	6548	2896
50°	5952	2646	5964	2652
55°	5396	2254	5430	2386
60°	4801	1883	4867	2082
65°	4269	1532	4348	1779
70°	3737	1201	3833	1435
75°	3138	873	3261	1039
80°	2451	553	2627	618
85°	1610	277	1737	207

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 157.5°

Vertical Angle: 45°

Luminance: 9330 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	54.3	0.8
10°-20°	158.1	2.2
20°-30°	229.4	3.3
30°-40°	241.8	3.4
40°-50°	214.0	3.0
50°-60°	170.9	2.4
60°-70°	116.1	1.6
70°-80°	59.4	0.8
80°-90°	17.5	0.2
90°-100°	65.2	0.9
100°-110°	243.0	3.4
110°-120°	644.6	9.1
120°-130°	1069.1	15.1
130°-140°	1135.6	16.1
140°-150°	1055.5	15.0
150°-160°	848.5	12.0
160°-170°	546.8	7.7
170°-180°	188.2	2.7
0°-30°	441.8	6.3
0°-40°	683.6	9.7
0°-60°	1068.5	15.1
0°-90°	1261.5	17.9
90°-120°	952.9	13.5
90°-150°	4213.0	59.7
90°-180°	5797.0	82.1
0°-180°	7058.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	570	570	570	570	570	
5°	571	637	573	507	571	54
15°	536	783	543	376	536	151
25°	482	652	484	302	482	220
35°	393	355	400	250	393	246
45°	295	214	300	206	295	229
55°	202	150	204	159	202	181
65°	120	92	122	107	120	119
75°	56	46	58	54	56	60
85°	11	12	12	9	11	13
90°	1	39	1	39	1	6
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°	570.2	570.2	570.2	570.2	570.2	570.2	570.2	570.2	570.2	570.2	570.2
2.5°	573.3	574.6	576.8	577.2	581.6	585.1	589.0	589.0	590.3	589.9	586.4
5°	570.6	574.6	580.3	585.1	593.0	596.5	601.7	605.7	609.2	611.8	611.4
7.5°	566.2	573.3	581.6	590.8	601.3	607.4	614.9	621.9	626.7	631.1	634.2
10°	558.8	570.6	582.0	594.3	607.9	616.2	625.0	634.2	641.6	649.9	657.8
12.5°	548.7	565.8	579.8	596.0	612.7	621.9	635.9	642.9	657.4	678.4	684.1
15°	536.0	559.2	572.4	593.0	614.9	622.3	641.6	653.0	682.8	696.0	711.7
17.5°	524.2	550.0	567.6	591.2	612.7	627.2	646.0	669.2	694.2	713.1	730.6
20°	514.5	539.5	560.5	586.8	614.0	632.4	652.1	680.2	707.4	726.6	740.2
22.5°	492.6	524.6	549.1	578.5	611.4	636.8	655.6	686.3	715.7	727.5	739.4
25°	481.7	509.3	537.8	571.1	609.6	639.9	656.1	690.3	716.1	720.5	723.1
27.5°	461.5	492.6	525.9	564.0	609.2	634.6	655.2	686.3	706.9	703.9	696.0
30°	436.5	474.6	511.5	552.7	603.1	630.7	649.9	678.4	689.0	673.2	659.2
32.5°	418.1	454.0	494.8	542.6	596.0	622.3	641.2	663.5	665.7	637.2	613.6
35°	393.1	433.0	479.0	529.4	584.2	607.9	625.4	639.0	628.5	588.6	560.5
37.5°	370.8	410.2	459.3	510.6	568.0	591.2	605.2	607.4	581.6	546.5	505.3
40°	346.2	387.0	438.3	492.2	550.0	570.2	578.9	572.4	535.1	494.4	446.6
42.5°	321.7	362.0	417.2	472.5	527.2	544.3	547.8	529.9	484.3	436.5	381.3
45°	295.0	337.0	392.2	447.9	500.9	510.6	511.0	485.2	431.3	381.3	330.0
47.5°	273.0	312.0	366.8	422.5	467.2	473.8	471.1	441.3	382.6	326.5	281.8
50°	248.9	286.2	340.5	395.3	433.4	435.2	428.6	386.1	328.7	277.4	241.9
52.5°	223.1	260.8	310.7	363.3	397.5	394.9	382.2	336.6	282.7	240.2	213.0
55°	202.5	235.8	282.7	334.0	358.1	350.6	336.6	290.1	247.6	211.7	188.0
57.5°	179.7	209.1	255.1	299.8	313.8	306.8	292.8	249.4	209.9	182.8	167.0
60°	158.2	184.9	225.3	262.5	273.5	266.0	249.8	210.8	182.3	159.5	147.7
62.5°	138.5	161.7	195.5	229.7	234.0	226.6	212.6	181.0	156.5	138.5	129.7
65°	120.1	142.0	169.2	195.0	199.0	191.1	176.6	153.8	133.2	121.8	113.5
67.5°	102.1	119.6	143.8	162.6	164.8	157.3	145.5	127.1	114.4	102.1	96.0
70°	86.3	99.5	118.3	133.7	134.5	127.5	121.4	104.7	95.1	86.3	81.5
72.5°	71.0	80.2	94.7	106.1	106.5	102.1	96.4	85.9	77.6	71.4	66.6
75°	56.1	64.0	72.8	82.8	82.4	78.9	74.5	67.9	60.9	57.0	54.8
77.5°	43.0	47.8	54.8	61.4	61.4	59.6	57.0	52.2	47.8	43.8	41.6
80°	30.7	33.7	39.4	41.6	42.5	42.1	39.9	36.4	34.6	31.6	30.7
82.5°	19.7	21.9	24.5	26.7	28.0	27.2	26.7	25.0	22.4	21.5	20.6
85°	11.4	12.3	13.6	14.9	15.3	14.9	15.8	14.5	13.1	13.1	12.7
87.5°	4.8	5.3	6.1	6.1	6.6	6.6	6.1	6.6	6.6	6.1	5.7
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°	570.2	570.2	570.2	570.2	570.2	570.2	570.2	570.2	570.2	570.2	570.2
2.5°	592.5	593.0	593.9	598.2	600.4	600.9	599.1	603.1	604.4	603.1	602.2
5°	620.6	623.2	628.5	634.2	633.7	634.2	636.8	639.4	640.3	636.8	638.1
7.5°	645.1	650.4	656.1	664.8	664.8	669.2	671.0	673.2	678.4	675.8	674.9
10°	673.2	680.2	690.7	704.7	705.2	709.6	713.9	720.9	723.1	721.4	722.3
12.5°	708.2	721.8	722.7	738.0	745.1	745.9	752.9	751.6	756.0	756.0	763.5
15°	723.6	744.6	756.4	771.3	775.7	770.5	776.2	782.3	782.7	782.7	782.3
17.5°	751.2	759.5	771.3	779.2	781.0	781.0	781.4	784.1	782.3	778.8	781.4
20°	756.9	760.4	764.8	763.9	764.8	760.4	756.0	751.6	752.1	749.9	756.4
22.5°	746.4	745.5	735.4	728.8	728.8	720.1	711.7	707.8	703.9	705.2	707.4
25°	720.1	706.5	694.2	684.6	682.4	668.4	657.0	653.5	646.9	652.1	653.0
27.5°	678.0	662.7	642.9	634.6	623.2	617.5	609.6	599.1	585.5	593.4	592.1
30°	632.9	610.1	593.9	573.7	555.7	554.4	539.5	522.0	515.0	515.0	518.9
32.5°	582.5	552.2	528.5	500.1	482.5	475.1	457.1	439.6	443.5	430.4	435.2
35°	523.7	483.8	454.0	426.4	413.3	404.5	381.3	371.6	361.1	355.0	366.4
37.5°	467.6	421.6	383.5	353.2	348.4	332.6	316.9	310.7	304.6	307.2	306.8
40°	399.3	358.5	324.3	300.7	292.3	284.9	274.4	266.9	263.0	265.2	265.6
42.5°	337.5	303.3	277.9	261.2	254.2	248.9	243.7	237.5	236.2	236.2	238.0
45°	289.7	261.6	244.6	231.0	227.0	223.1	219.1	216.5	215.6	213.9	215.2
47.5°	251.6	229.2	218.7	208.6	204.2	203.4	199.8	198.5	196.8	196.3	196.8
50°	219.6	205.5	195.9	190.2	187.1	185.8	184.1	181.4	180.6	182.8	181.9
52.5°	197.2	184.1	178.8	173.1	171.4	169.6	167.0	167.4	167.0	166.1	166.1
55°	174.9	166.5	161.3	156.9	156.5	154.7	152.5	151.6	151.2	150.3	151.6
57.5°	156.9	150.3	145.5	141.6	139.8	139.8	137.6	135.9	135.9	135.4	135.9
60°	138.9	132.4	129.3	125.3	124.0	123.6	122.3	121.4	120.1	120.1	120.1
62.5°	122.3	117.0	113.5	110.0	110.4	108.3	106.5	105.6	105.6	106.1	106.1
65°	106.5	103.0	98.6	95.5	94.7	94.2	93.4	92.9	91.6	92.5	92.5
67.5°	92.0	87.2	84.6	83.3	82.0	81.5	80.6	79.8	79.3	78.9	79.8
70°	77.6	73.6	71.4	70.6	69.2	68.8	68.4	67.1	67.5	67.9	68.4
72.5°	64.4	60.9	60.5	57.9	57.9	57.9	56.1	57.0	56.5	55.7	56.5
75°	50.8	49.1	48.2	46.9	47.3	46.9	46.5	45.1	45.1	45.6	46.0
77.5°	40.3	38.6	38.1	36.8	35.9	36.8	35.9	35.5	35.5	35.9	35.9
80°	29.8	28.9	27.6	27.6	27.6	27.2	27.2	27.2	26.7	26.3	26.7
82.5°	19.7	19.7	19.3	18.8	19.3	18.4	18.8	18.8	18.8	18.8	18.8
85°	12.7	12.3	12.3	11.8	11.8	11.8	12.3	11.4	11.4	11.8	11.8
87.5°	5.7	5.7	5.7	6.1	5.7	5.7	5.7	6.1	5.7	5.7	5.7
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

TEST NUMBER: P1029336

CATALOG NUMBER: S122DIW-B290D1440UB2750-4F0-XX-W2A-A_2700K

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°	570.2	570.2	570.2	570.2	570.2	570.2	570.2	570.2	570.2	570.2	570.2
2.5°	604.4	601.3	598.7	599.1	601.3	599.5	595.2	589.5	587.3	584.6	587.3
5°	640.7	638.1	632.9	633.3	632.0	630.2	623.2	614.4	614.4	607.4	606.6
7.5°	676.7	672.7	669.2	668.4	663.5	660.0	653.9	641.6	636.8	628.5	623.7
10°	717.0	713.9	710.0	705.2	702.5	696.4	686.3	668.4	659.6	648.2	639.9
12.5°	757.8	757.3	748.6	738.9	738.5	728.8	721.8	697.7	685.9	670.5	650.8
15°	783.6	781.4	776.6	771.8	773.1	762.6	746.8	718.3	710.4	692.0	671.0
17.5°	783.2	783.2	781.9	781.0	779.7	776.6	767.8	749.0	736.3	713.1	693.3
20°	758.2	763.9	765.2	764.8	769.2	771.3	770.9	759.1	749.0	728.4	708.2
22.5°	708.2	721.4	727.1	730.6	739.8	744.6	756.0	751.6	749.0	733.7	716.6
25°	661.8	666.2	683.3	684.1	696.8	708.7	720.1	727.5	737.2	731.5	717.0
27.5°	601.7	611.8	624.1	633.3	635.9	660.0	678.9	692.9	714.8	716.6	711.7
30°	533.8	538.6	558.8	571.1	585.1	602.6	629.8	653.9	673.6	691.6	697.7
32.5°	451.0	470.7	482.5	497.4	509.7	540.8	574.1	605.2	628.0	658.3	671.4
35°	375.2	390.5	410.7	416.8	439.1	465.4	508.8	548.7	583.3	614.0	640.7
37.5°	312.5	324.8	346.2	355.9	369.0	402.8	439.1	488.7	530.3	568.0	601.3
40°	269.5	278.7	295.0	298.0	309.0	339.7	369.0	415.5	470.7	521.5	557.9
42.5°	240.2	244.6	255.5	259.5	266.5	287.1	313.4	357.2	408.5	461.1	512.3
45°	219.1	222.2	228.8	232.3	241.0	250.2	271.7	306.8	347.1	400.1	455.4
47.5°	200.3	204.2	206.9	209.1	213.9	224.0	238.0	263.8	302.4	351.1	404.5
50°	184.5	185.8	190.6	191.1	194.2	200.7	213.9	229.7	260.3	299.8	351.5
52.5°	168.7	170.0	173.1	176.2	177.5	182.8	191.5	204.7	227.5	258.6	304.6
55°	153.0	154.7	157.8	160.0	161.3	165.7	170.9	183.6	201.6	223.5	261.2
57.5°	137.2	141.1	142.0	143.3	145.5	150.3	155.1	162.6	176.6	196.8	224.4
60°	122.3	123.6	126.7	128.0	130.2	132.8	138.9	144.6	154.7	170.5	195.5
62.5°	106.9	110.0	111.3	112.6	114.4	117.5	121.4	127.5	136.3	149.0	168.7
65°	93.8	94.2	96.9	98.6	100.4	102.6	106.5	112.2	117.5	129.3	143.8
67.5°	81.1	82.0	82.8	84.6	86.8	89.0	92.5	95.5	102.1	110.0	121.4
70°	68.8	68.8	71.0	72.3	71.9	74.5	77.1	80.6	85.5	92.9	102.1
72.5°	57.9	57.4	59.2	59.6	60.5	62.2	64.0	67.5	70.1	75.8	82.8
75°	46.0	46.9	47.8	47.8	49.1	50.4	52.2	53.9	57.0	60.5	65.7
77.5°	36.4	36.4	37.3	37.7	39.0	38.6	40.3	42.1	44.3	47.3	51.3
80°	26.7	27.6	27.6	27.6	28.0	28.5	30.2	31.6	32.9	35.1	36.8
82.5°	18.8	18.8	19.7	19.7	19.7	20.6	20.6	21.0	21.9	23.2	24.5
85°	11.8	11.8	11.8	12.3	11.8	12.3	13.1	12.7	13.1	14.0	14.0
87.5°	5.7	5.7	5.7	5.7	5.7	6.1	5.7	6.1	6.6	6.6	6.6
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°	570.2	570.2	570.2	570.2	570.2	570.2	570.2	570.2	570.2	570.2	570.2
2.5°	585.1	582.9	581.6	582.5	579.8	573.3	573.3	575.4	572.8	570.2	566.2
5°	601.3	596.9	594.3	593.9	587.7	577.2	575.0	572.8	567.1	561.0	554.4
7.5°	617.1	609.2	604.8	601.7	593.0	579.4	573.7	568.9	559.7	550.5	542.1
10°	630.2	618.8	613.6	608.8	597.4	580.3	571.1	562.3	550.5	538.6	528.1
12.5°	640.7	627.6	621.0	614.0	600.0	577.6	566.2	552.2	540.4	524.6	514.1
15°	658.3	631.1	625.0	618.4	603.9	573.3	559.2	543.4	527.2	506.2	494.8
17.5°	672.3	635.9	635.5	621.5	602.6	571.5	550.0	529.4	511.9	490.9	472.9
20°	680.6	643.4	636.4	621.9	598.2	559.7	537.3	514.5	495.7	470.3	452.3
22.5°	687.6	653.9	635.5	618.0	589.0	555.7	522.9	501.4	475.5	447.9	430.8
25°	690.3	656.1	636.8	616.6	582.5	544.3	507.1	483.8	454.9	429.9	406.7
27.5°	690.7	655.6	632.0	610.9	573.3	529.4	491.3	466.8	434.8	405.8	382.6
30°	686.3	650.8	629.4	606.6	564.5	515.8	472.0	444.8	410.7	381.7	357.6
32.5°	673.2	641.2	623.7	598.7	553.1	497.0	453.6	423.4	387.4	358.9	335.7
35°	651.3	629.4	610.1	586.8	538.2	479.5	435.2	399.7	363.3	336.2	314.2
37.5°	624.1	612.3	594.3	571.5	521.1	463.7	414.6	375.2	338.8	312.5	291.0
40°	587.3	590.3	572.8	552.2	500.9	442.2	387.9	350.2	316.0	291.4	270.4
42.5°	547.4	560.1	550.0	530.3	478.6	418.5	368.1	326.5	293.2	267.8	250.2
45°	504.4	526.4	520.2	505.8	455.4	393.6	340.1	299.8	270.4	245.9	230.5
47.5°	457.5	488.7	488.7	478.1	429.5	368.6	316.0	274.8	245.9	228.3	213.4
50°	409.8	444.8	450.5	443.5	400.6	340.1	286.6	249.4	224.4	207.3	196.3
52.5°	359.8	400.6	411.1	407.6	369.9	312.9	262.5	226.1	203.4	188.5	178.8
55°	312.0	359.4	370.8	372.1	337.0	283.1	235.8	203.8	181.9	171.8	163.5
57.5°	266.9	312.5	325.2	327.4	303.7	255.9	210.8	182.8	163.0	154.7	148.1
60°	228.3	266.5	283.1	287.9	267.3	224.4	187.6	160.4	145.5	137.6	131.5
62.5°	196.8	227.5	245.0	246.3	237.1	196.8	163.5	140.7	128.0	121.0	117.9
65°	166.1	193.7	204.2	209.5	202.0	170.5	141.1	122.3	112.2	106.1	103.0
67.5°	141.6	159.1	167.9	174.9	167.4	143.8	120.1	104.7	97.3	91.2	89.4
70°	116.1	130.6	137.2	144.2	137.6	119.6	102.6	88.5	82.0	77.1	74.9
72.5°	92.9	104.3	110.4	114.8	110.9	96.0	82.0	72.3	67.5	64.0	62.7
75°	73.6	81.5	85.0	88.1	86.3	74.9	66.2	58.3	53.9	50.8	50.0
77.5°	56.1	61.8	65.7	66.6	64.4	57.0	49.5	44.7	41.2	39.4	38.6
80°	39.9	43.4	45.6	46.9	44.7	41.6	36.4	32.9	29.8	27.6	27.2
82.5°	26.7	28.5	30.2	29.8	28.9	26.3	23.2	21.5	20.2	18.4	18.4
85°	15.3	15.8	16.7	17.1	16.7	14.9	13.1	12.3	11.4	10.1	10.1
87.5°	6.6	7.0	7.0	7.5	6.6	6.6	5.7	4.8	4.8	4.4	3.9
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

TEST NUMBER: P1029336

CATALOG NUMBER: S122DIW-B290D1440UB2750-4F0-XX-W2A-A_2700K

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°	570.2	570.2	570.2	570.2	570.2	570.2	570.2	570.2	570.2	570.2	570.2
2.5°	564.0	566.2	565.8	561.4	556.6	552.7	545.2	546.1	543.4	543.9	546.5
5°	550.0	550.0	548.3	542.1	534.2	529.9	521.5	519.3	514.1	513.6	513.2
7.5°	535.1	532.9	530.7	522.0	512.3	505.3	493.9	491.3	486.0	482.5	480.8
10°	517.6	514.5	510.1	500.1	488.2	479.5	467.6	464.1	454.0	449.7	447.0
12.5°	498.3	496.6	489.5	481.2	461.9	452.3	435.2	438.7	428.6	419.9	418.5
15°	479.0	472.5	468.5	454.9	431.7	427.3	413.7	406.7	397.5	390.5	390.5
17.5°	460.2	450.1	441.3	426.9	409.8	397.5	387.4	383.9	372.5	365.5	364.2
20°	435.2	423.8	421.6	401.0	389.2	375.6	366.0	357.2	348.9	345.8	343.6
22.5°	411.5	398.4	394.9	377.3	365.5	351.9	342.3	336.2	330.0	327.8	323.9
25°	386.1	378.2	373.0	354.1	341.0	328.3	321.7	317.3	311.6	311.2	308.5
27.5°	361.6	354.1	348.9	330.9	321.2	309.4	304.2	299.3	296.3	295.0	293.6
30°	340.5	332.2	326.1	312.9	301.1	291.4	287.1	284.0	282.2	280.1	279.6
32.5°	317.3	312.5	304.2	294.1	284.9	275.7	273.0	270.8	268.2	267.3	266.9
35°	297.6	291.0	285.7	274.4	270.4	262.5	259.5	257.7	254.2	253.3	252.4
37.5°	278.3	272.2	266.5	259.5	252.0	247.6	245.9	243.2	241.5	241.9	241.0
40°	259.0	254.2	249.8	242.4	238.0	235.8	232.3	229.7	228.8	229.2	228.8
42.5°	240.2	235.8	233.2	227.5	223.1	220.9	218.7	216.1	217.4	217.4	218.7
45°	223.1	219.1	217.4	213.0	210.4	206.9	204.7	204.2	206.0	205.5	205.5
47.5°	205.5	204.2	202.0	198.1	194.6	192.4	192.0	192.0	193.7	194.6	194.2
50°	192.0	189.3	186.7	183.6	181.0	180.1	178.8	179.7	181.4	181.4	182.3
52.5°	174.9	173.1	172.2	169.6	167.9	167.9	167.9	168.3	169.6	170.9	170.5
55°	160.0	158.7	157.8	156.5	154.3	154.7	154.3	155.1	156.5	157.8	158.7
57.5°	144.2	143.8	142.9	140.7	140.7	140.2	141.6	142.0	144.2	145.1	146.4
60°	130.2	128.9	128.9	127.1	127.1	127.1	128.4	129.7	131.5	131.9	132.8
62.5°	115.3	115.3	114.8	113.5	113.5	114.8	115.3	117.0	117.9	117.9	119.2
65°	101.2	100.8	100.4	100.8	101.2	101.2	102.6	103.4	104.3	104.7	105.2
67.5°	87.2	86.8	87.7	87.2	88.1	89.8	89.4	90.7	92.0	92.0	92.5
70°	74.1	74.9	74.5	75.4	74.9	75.8	77.1	77.6	77.6	78.0	79.3
72.5°	61.8	61.8	61.8	61.4	61.8	62.7	63.5	64.0	64.9	65.3	66.6
75°	50.0	50.0	49.1	50.0	50.0	50.8	51.7	51.7	51.7	52.6	53.9
77.5°	37.7	38.1	37.7	38.6	38.6	39.0	39.9	39.4	40.3	40.8	41.2
80°	27.6	27.2	27.2	27.2	27.6	27.6	28.5	28.9	28.9	30.2	29.4
82.5°	17.5	18.0	17.5	18.0	18.0	18.4	18.0	18.4	18.8	19.7	19.3
85°	10.1	9.6	9.6	10.1	9.6	9.6	10.1	9.6	10.1	9.6	10.1
87.5°	3.9	3.5	3.5	3.5	3.5	3.1	3.1	2.6	2.6	2.6	2.2
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°	570.2	570.2	570.2	570.2	570.2	570.2	570.2	570.2	570.2	570.2	570.2
2.5°	543.4	544.8	541.7	540.8	541.7	538.6	539.5	540.4	540.4	541.7	542.6
5°	511.9	510.1	507.1	506.2	505.3	506.6	505.8	507.1	507.5	510.6	511.0
7.5°	480.8	478.1	475.5	472.9	472.0	469.8	472.0	472.0	475.1	474.2	476.4
10°	444.0	443.5	440.0	438.7	437.0	433.4	438.3	437.0	439.1	443.1	444.0
12.5°	416.8	412.0	414.2	408.0	410.2	406.7	407.1	407.1	410.7	411.1	410.2
15°	390.9	387.0	381.3	378.7	377.3	375.6	381.3	381.7	379.1	385.2	383.0
17.5°	364.6	364.6	359.4	358.1	354.6	356.3	355.4	355.9	355.0	359.4	361.6
20°	341.8	339.7	337.9	338.3	334.0	333.1	332.2	333.1	336.2	339.2	340.1
22.5°	323.4	322.1	317.7	318.6	315.1	316.4	315.6	317.7	318.2	318.2	321.2
25°	305.9	304.2	304.6	302.8	301.5	301.5	300.2	301.5	303.3	304.2	304.6
27.5°	292.8	291.4	289.3	287.9	288.8	286.6	288.4	289.7	289.7	288.8	289.7
30°	277.0	277.9	277.9	273.5	275.2	274.4	275.7	276.5	276.5	277.0	276.1
32.5°	266.5	263.8	263.4	263.0	263.0	261.2	261.2	262.5	263.0	263.4	264.7
35°	252.4	252.4	250.2	251.6	249.8	250.2	249.8	250.2	251.1	249.8	251.1
37.5°	239.7	240.2	239.3	240.2	240.6	239.7	238.9	240.6	239.7	239.7	238.9
40°	228.8	228.3	228.8	228.8	228.8	229.2	228.3	228.3	228.3	227.5	226.6
42.5°	219.6	216.9	217.8	218.3	216.9	216.9	217.4	216.9	218.3	215.6	215.6
45°	206.4	205.5	206.0	206.0	206.9	205.5	206.4	206.9	205.5	205.1	204.2
47.5°	194.6	195.5	194.6	195.5	195.5	196.3	194.6	195.0	195.5	193.7	192.4
50°	182.8	182.8	184.1	183.6	184.1	183.2	183.2	182.8	183.2	182.3	181.0
52.5°	171.8	170.5	172.7	172.2	171.8	171.4	170.9	171.4	170.5	169.6	169.6
55°	158.2	158.2	159.5	160.0	160.0	159.1	158.2	158.7	158.2	157.8	157.3
57.5°	147.3	145.5	146.4	146.8	146.8	145.5	146.4	145.5	145.5	145.9	144.6
60°	133.2	133.2	132.4	133.7	133.7	132.8	132.8	133.2	132.4	131.9	131.5
62.5°	118.3	118.8	120.1	120.5	121.0	120.1	119.2	119.6	119.6	118.3	118.8
65°	105.6	106.5	108.3	107.8	106.9	107.4	106.5	106.9	105.6	106.1	104.7
67.5°	93.4	92.9	93.4	93.4	94.2	93.8	92.9	92.9	92.5	93.8	92.5
70°	80.2	80.2	80.2	80.2	80.6	81.1	80.2	79.3	79.8	78.9	78.4
72.5°	66.6	67.1	66.6	67.5	66.2	67.1	67.1	66.6	66.2	66.2	66.2
75°	53.9	54.8	53.5	53.9	53.5	54.3	53.9	53.9	53.0	52.6	53.0
77.5°	41.2	41.6	40.8	41.2	40.8	41.2	41.2	40.8	40.8	40.8	40.8
80°	29.4	29.8	29.4	28.9	28.5	29.4	28.5	28.9	29.4	28.9	29.8
82.5°	18.8	18.8	18.4	18.8	18.0	18.0	18.4	18.4	18.0	18.8	18.0
85°	9.2	9.2	10.1	9.2	8.8	8.8	8.8	9.2	8.8	9.6	9.2
87.5°	2.2	1.8	2.2	2.2	1.8	1.8	2.2	1.8	2.2	2.6	1.8
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°	570.2	570.2	570.2	570.2	570.2	570.2	570.2	570.2	570.2	570.2	570.2
2.5°	541.3	544.8	543.4	538.6	544.3	544.3	548.3	548.3	553.1	554.8	557.5
5°	510.6	513.2	515.4	513.2	517.2	523.3	526.8	529.9	536.4	539.1	543.0
7.5°	477.7	482.5	484.7	484.7	491.3	498.3	505.3	509.7	518.9	522.4	526.4
10°	445.7	451.4	455.8	455.4	466.3	470.7	479.5	489.5	498.7	504.0	509.7
12.5°	412.0	415.0	421.2	429.9	432.6	440.5	450.5	463.2	479.9	484.7	493.0
15°	383.9	392.2	397.1	401.0	407.1	414.6	425.6	437.8	454.5	465.0	473.8
17.5°	360.3	371.2	374.3	373.4	381.3	392.7	405.4	414.6	429.5	442.2	450.5
20°	341.0	345.4	350.6	352.8	358.9	371.2	383.5	394.0	406.3	416.4	426.0
22.5°	321.7	325.2	329.6	333.5	338.3	345.4	357.2	370.3	382.2	391.8	402.8
25°	305.9	308.1	312.0	315.1	320.4	325.2	333.5	348.0	362.0	367.7	377.3
27.5°	290.6	292.3	295.0	298.5	301.1	305.9	313.4	325.2	339.7	345.4	358.5
30°	277.0	278.3	280.9	282.7	284.0	289.7	295.4	304.6	315.6	323.4	333.1
32.5°	264.3	265.6	268.2	268.7	270.4	273.5	278.7	287.1	296.7	303.3	311.6
35°	250.2	251.1	253.8	254.6	255.9	258.6	262.5	268.7	277.4	282.2	289.7
37.5°	239.3	238.9	240.6	241.9	243.7	245.0	246.3	252.4	259.0	263.4	269.1
40°	227.5	226.6	227.0	228.8	229.7	231.4	231.4	237.5	241.9	245.4	249.8
42.5°	215.6	215.2	214.3	215.2	216.1	216.5	216.9	221.3	225.7	228.8	233.6
45°	203.8	203.4	202.5	202.9	202.9	203.8	205.1	206.9	209.9	212.6	215.2
47.5°	192.8	192.0	190.6	190.2	191.1	191.1	191.1	192.8	195.9	196.8	199.4
50°	181.4	180.1	178.4	177.5	177.5	177.1	177.9	178.4	181.0	181.9	184.1
52.5°	169.2	168.3	166.5	164.8	165.2	164.3	164.8	165.2	166.1	167.4	168.7
55°	156.9	155.1	153.8	153.4	152.1	152.1	150.8	152.5	152.1	152.5	154.3
57.5°	145.1	143.3	141.1	140.2	138.9	138.5	137.6	137.2	137.6	138.9	140.2
60°	131.0	130.2	128.9	127.5	126.7	125.3	124.5	124.5	124.0	124.0	124.5
62.5°	117.5	117.0	115.3	114.8	113.9	113.1	111.8	110.9	110.9	111.8	112.2
65°	104.3	103.9	102.6	102.1	99.9	99.0	98.6	98.2	97.3	97.3	97.3
67.5°	92.0	90.7	90.7	88.5	86.8	85.9	85.0	84.6	84.6	84.6	85.0
70°	78.4	78.4	77.1	75.8	74.1	74.5	73.2	71.9	71.9	71.0	71.4
72.5°	65.3	64.9	63.5	63.1	61.8	60.5	59.6	60.5	59.2	58.7	59.2
75°	52.6	52.2	51.3	50.4	50.8	49.5	48.2	47.8	47.8	46.9	46.9
77.5°	40.3	41.2	39.4	39.0	38.1	37.3	36.8	36.4	36.4	36.4	37.3
80°	28.0	28.5	28.5	27.6	28.0	26.7	26.7	26.7	25.4	25.9	26.3
82.5°	18.0	18.0	17.5	18.0	17.5	17.5	17.1	17.1	16.7	16.7	17.1
85°	10.1	9.6	9.2	10.1	9.6	9.6	9.2	9.2	9.2	9.2	9.2
87.5°	2.2	2.6	2.6	2.6	2.6	3.1	3.1	3.1	3.5	3.5	3.5
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°	570.2	570.2	570.2	570.2
2.5°	559.7	559.7	566.2	573.3
5°	547.4	550.5	561.0	570.6
7.5°	535.6	540.8	554.0	566.2
10°	521.1	528.1	544.3	558.8
12.5°	507.1	513.6	532.5	548.7
15°	487.4	495.7	515.8	536.0
17.5°	467.6	476.0	500.5	524.2
20°	444.4	455.4	483.0	514.5
22.5°	422.9	436.5	467.2	492.6
25°	399.3	420.3	448.8	481.7
27.5°	378.2	399.3	428.2	461.5
30°	354.6	376.0	405.8	436.5
32.5°	331.8	351.5	380.4	418.1
35°	308.1	326.9	355.0	393.1
37.5°	286.6	305.0	335.7	370.8
40°	265.6	284.9	311.2	346.2
42.5°	245.9	263.0	286.6	321.7
45°	227.9	240.2	262.1	295.0
47.5°	209.1	220.0	240.2	273.0
50°	191.5	200.7	218.3	248.9
52.5°	174.4	182.3	198.5	223.1
55°	159.1	166.5	178.4	202.5
57.5°	143.3	149.0	160.4	179.7
60°	128.0	133.2	142.4	158.2
62.5°	112.6	117.0	125.8	138.5
65°	99.0	102.6	109.1	120.1
67.5°	85.9	88.1	93.4	102.1
70°	73.2	74.9	79.3	86.3
72.5°	59.6	61.4	66.2	71.0
75°	48.2	48.6	52.2	56.1
77.5°	37.7	37.3	39.9	43.0
80°	25.9	27.2	29.4	30.7
82.5°	17.5	18.0	18.8	19.7
85°	9.6	10.1	10.1	11.4
87.5°	3.9	4.4	4.4	4.8
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: P1029336

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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)