

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: P1032223

Luminaire Tested: S123RDIW-B340D1535UB35-4F0-XX-W2A-A1

Issue Date: 5/6/2025

Test Information

Test Method: LM-79-2019
Report Number: P1032223
REPORT IS A COMBINATION OF REPORTS P994274 AND P1007351
Test Lab: INNOVATION CENTER
Issue Date: 5/6/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: NEO-RAY
Catalog Number: S123RDIW-B340D1535UB35-4F0-XX-W2A-A1
Description: Define 3 Regressed Direct/Indirect Wall Mount with 3500K BioUP LEDs {m-DER=0.721}
{m-EER=0.792}
Light Source: -
Ballast/Driver: -

Summary

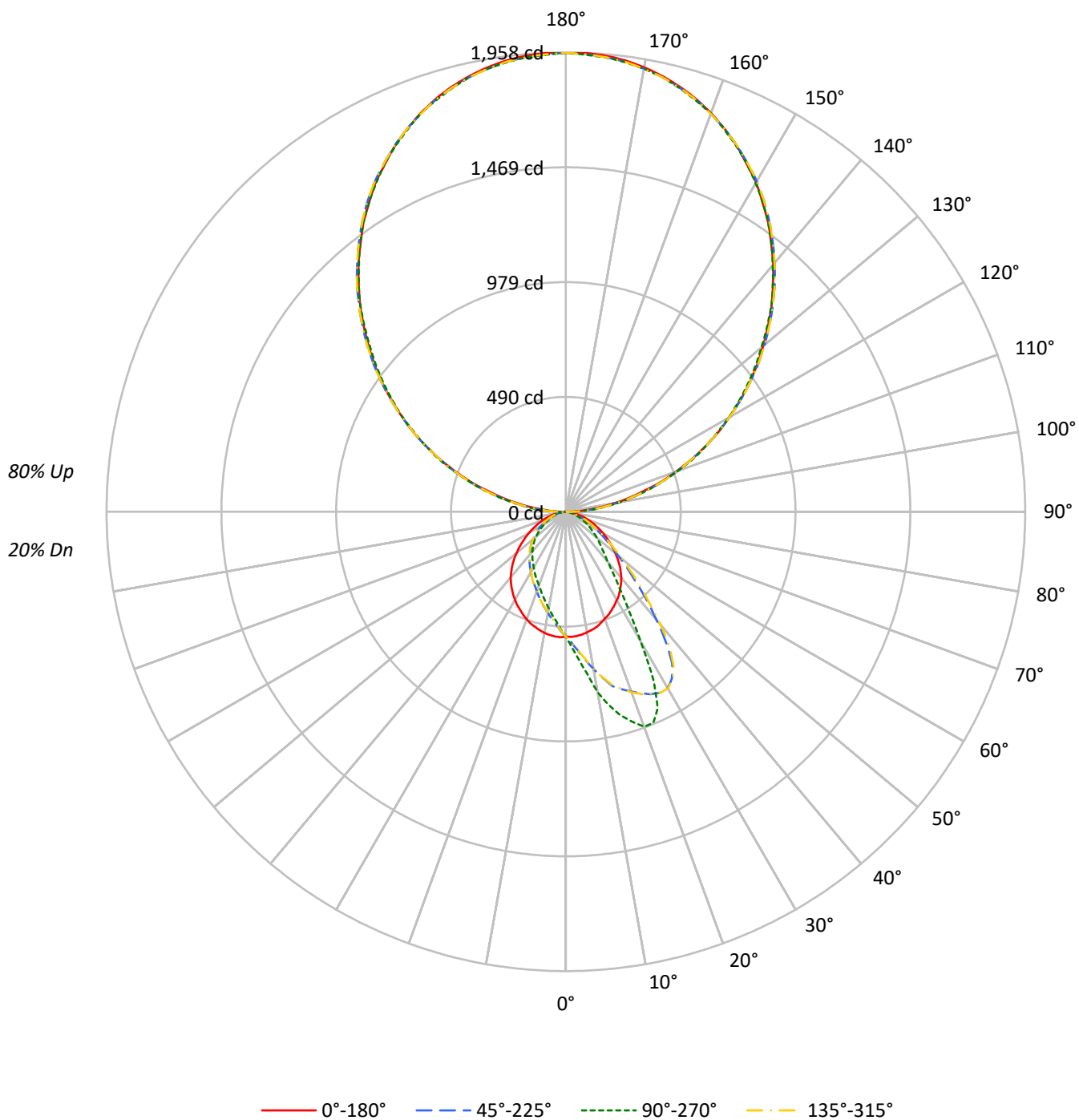
Lumens per Lamp: N/A
Luminaire Lumens: 6749.0 lumens
Efficiency: N/A
Efficacy: 103.5 lumens/watt
Spacing Criteria (0/90/45): 1.22 / 1.2 / 1.34
Luminous Opening: Rectangular w/ Sides (W: 0.25' x L: 4' x H: 0.1')
CIE Type: Semi-Indirect

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	100	100	100	100	88	88	88	88	66	66	66	47	47	47	28	28	28
1	91	87	84	80	80	77	74	71	58	56	55	41	40	39	25	25	24
2	83	76	71	66	73	68	63	59	51	48	46	36	35	33	23	22	21
3	76	67	60	55	67	60	54	49	45	42	39	32	30	28	20	19	18
4	69	59	52	46	61	53	47	42	40	36	33	29	26	24	18	17	16
5	64	53	45	40	56	47	41	36	36	32	28	26	23	21	16	15	14
6	59	47	40	34	52	42	36	31	32	28	25	23	20	18	15	13	12
7	54	43	35	30	48	38	32	27	29	25	22	21	18	16	14	12	11
8	50	38	31	26	44	34	28	24	27	22	19	19	16	14	12	11	10
9	46	35	28	23	41	31	25	21	24	20	17	18	15	13	12	10	9
10	43	32	25	21	38	29	23	19	22	18	15	16	13	11	11	9	8

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	5727	5727	5727	5727
5°	5732	6597	5747	4894
10°	5681	7964	5707	4275
15°	5623	9037	5623	3769
20°	5508	9748	5538	3344
25°	5424	9262	5412	3051
30°	5325	6417	5314	2765
35°	5207	4120	5184	2549
40°	5061	2909	5034	2334
45°	4804	2328	4797	2125
50°	4490	1948	4475	1880
55°	4135	1605	4102	1594
60°	3788	1326	3751	1356
65°	3382	1061	3404	1149
70°	3004	738	3086	930
75°	2549	547	2651	714
80°	2030	362	2199	535
85°	1441	171	1575	332

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 30°

Vertical Angle: 45°

Luminance: 7647 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	52.3	0.8
10°-20°	163.6	2.4
20°-30°	257.6	3.8
30°-40°	267.9	4.0
40°-50°	229.2	3.4
50°-60°	174.7	2.6
60°-70°	111.9	1.7
70°-80°	53.6	0.8
80°-90°	18.2	0.3
90°-100°	125.9	1.9
100°-110°	381.1	5.6
110°-120°	648.8	9.6
120°-130°	853.5	12.6
130°-140°	959.4	14.2
140°-150°	943.2	14.0
150°-160°	794.1	11.8
160°-170°	528.7	7.8
170°-180°	185.1	2.7
0°-30°	473.5	7.0
0°-40°	741.4	11.0
0°-60°	1145.3	17.0
0°-90°	1329.1	19.7
90°-120°	1155.8	17.1
90°-150°	3912.0	58.0
90°-180°	5420.0	80.3
0°-180°	6749.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	532	532	532	532	532	
5°	532	632	533	469	532	50
15°	508	898	508	374	508	143
25°	462	925	461	305	462	213
35°	403	401	401	248	403	252
45°	324	214	323	195	324	249
55°	228	134	226	134	228	205
65°	140	77	141	84	140	140
75°	67	33	70	43	67	72
85°	15	8	16	15	15	17
90°	2	46	2	46	2	8
95°	91	120	91	120	91	100
105°	346	366	346	366	346	370
115°	653	655	653	655	653	646
125°	956	945	956	945	956	852
135°	1240	1238	1240	1238	1240	955
145°	1504	1504	1504	1504	1504	940
155°	1722	1719	1722	1719	1722	793
165°	1876	1870	1876	1870	1876	529
175°	1951	1944	1951	1944	1951	185
180°	1956	1956	1956	1956	1956	

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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	532.1	532.1	532.1	532.1	532.1	532.1	532.1	532.1	532.1	532.1	532.1
2.5°	533.5	537.1	539.9	541.7	546.2	549.0	551.3	555.4	555.4	556.3	558.1
5°	531.7	539.4	544.9	552.2	561.7	566.3	572.7	578.1	585.9	590.0	594.1
7.5°	527.6	538.5	549.9	560.8	574.9	584.1	590.4	604.6	614.6	626.9	636.4
10°	522.1	537.1	551.7	568.6	587.7	601.4	610.9	629.6	648.7	666.1	680.6
12.5°	515.3	533.5	554.4	574.9	601.8	615.5	631.0	654.2	681.5	703.4	723.0
15°	508.0	528.9	552.6	577.7	611.4	630.5	652.8	681.1	711.6	743.0	769.9
17.5°	496.6	523.0	549.4	585.9	625.5	636.9	656.0	694.8	732.6	760.8	793.6
20°	485.2	514.8	548.1	580.9	623.7	650.1	667.9	708.9	749.4	783.6	815.0
22.5°	474.7	505.7	540.3	581.8	621.9	648.3	670.6	713.4	760.4	798.6	837.4
25°	462.0	495.7	533.9	573.1	621.9	641.9	666.5	716.2	765.8	810.0	857.9
27.5°	448.3	482.5	520.3	560.4	605.0	634.6	658.8	712.1	772.7	820.0	869.2
30°	434.6	469.7	506.1	542.1	592.3	620.5	648.3	707.1	776.3	830.5	868.3
32.5°	421.4	451.0	487.0	522.1	571.8	602.7	634.2	702.0	777.7	823.2	841.5
35°	403.2	434.2	463.3	500.7	550.8	581.3	618.2	701.6	771.8	800.0	790.9
37.5°	386.3	412.3	440.1	473.3	524.8	564.5	602.7	689.7	752.2	754.0	702.5
40°	367.7	389.1	412.3	447.4	503.0	542.1	583.6	671.5	716.6	689.7	599.1
42.5°	346.2	365.4	383.6	417.8	478.4	522.1	566.7	648.7	665.1	603.2	508.9
45°	323.5	339.0	355.8	391.8	452.4	495.7	540.3	613.7	596.8	509.3	419.6
47.5°	299.8	313.0	329.4	362.2	424.6	468.8	511.2	563.6	520.7	426.9	351.7
50°	276.1	286.6	302.5	336.2	396.4	436.4	475.6	509.8	449.7	366.3	290.7
52.5°	252.8	261.0	277.4	306.1	364.5	402.7	431.0	444.2	383.1	302.5	252.4
55°	228.2	237.4	248.3	277.4	335.3	363.6	382.2	381.8	318.9	256.5	208.7
57.5°	204.6	212.8	222.3	251.5	298.4	317.5	333.5	325.7	266.1	210.0	179.0
60°	183.6	188.2	198.6	223.2	258.8	275.2	284.3	271.1	217.3	177.2	148.1
62.5°	160.8	165.4	174.0	197.3	219.1	227.8	235.5	218.7	179.5	144.4	126.7
65°	139.9	145.8	151.3	169.9	181.8	192.3	191.3	177.2	140.3	117.5	103.0
67.5°	121.6	123.9	128.5	139.9	145.3	153.1	153.5	137.6	113.0	95.7	87.0
70°	102.0	104.3	107.5	113.0	116.6	118.5	117.5	103.4	85.2	74.7	67.0
72.5°	85.2	84.7	87.0	87.0	90.7	90.2	87.5	76.5	64.7	56.0	51.5
75°	67.0	67.4	67.9	67.0	65.6	63.8	61.5	53.3	45.6	41.5	37.4
77.5°	52.4	51.5	51.9	48.7	46.9	45.1	41.9	37.8	31.4	30.5	28.7
80°	37.4	36.9	36.4	35.1	31.0	29.2	26.9	24.6	23.2	22.3	21.9
82.5°	25.1	25.1	24.1	21.4	19.1	17.8	17.3	16.4	15.0	15.0	14.6
85°	15.0	14.6	13.7	10.9	9.6	9.6	9.6	9.6	8.7	8.7	8.2
87.5°	5.9	5.5	4.1	4.1	3.6	3.6	3.6	3.2	3.2	2.7	2.7
90°	1.5	4.9	8.3	11.8	15.2	16.9	19.1	23.6	28.0	32.5	36.9
92.5°	46.1	48.1	50.2	52.2	54.3	55.3	56.3	58.4	60.4	62.5	64.5
95°	90.7	93.1	95.5	97.8	100.2	101.4	102.8	105.5	108.2	111.0	113.7
97.5°	149.0	150.7	152.4	154.1	155.8	156.7	157.7	159.8	161.8	163.9	165.9
100°	209.0	211.0	213.1	215.1	217.2	218.2	219.1	220.8	222.5	224.2	225.9
102.5°	278.1	279.1	280.1	281.2	282.2	282.7	283.9	286.3	288.7	291.1	293.5
105°	345.7	346.4	347.1	347.8	348.5	348.8	350.3	353.4	356.5	359.5	362.6
107.5°	425.6	426.0	426.3	426.7	427.0	427.2	427.9	429.2	430.6	431.9	433.3
110°	499.4	500.1	500.8	501.5	502.2	502.5	502.8	503.5	504.2	504.8	505.5

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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	576.2	576.5	576.9	577.2	577.5	577.7	577.7	577.7	577.7	577.7	577.7
115°	653.0	654.0	655.1	656.1	657.2	657.7	657.4	656.7	656.0	655.3	654.6
117.5°	731.4	731.7	732.1	732.4	732.7	732.9	732.6	731.9	731.2	730.6	729.9
120°	803.6	805.6	807.7	809.7	811.8	812.8	812.0	810.3	808.6	806.9	805.2
122.5°	878.9	880.3	881.7	883.0	884.4	885.1	884.8	884.1	883.4	882.7	882.0
125°	955.7	956.7	957.8	958.8	959.9	960.4	960.1	959.4	958.7	958.0	957.3
127.5°	1026.4	1028.4	1030.5	1032.5	1034.6	1035.6	1035.3	1034.6	1033.9	1033.3	1032.6
130°	1097.1	1099.8	1102.6	1105.3	1108.0	1109.4	1108.9	1107.9	1106.8	1105.8	1104.8
132.5°	1167.8	1170.5	1173.3	1176.0	1178.7	1180.1	1179.8	1179.1	1178.4	1177.7	1177.0
135°	1240.0	1242.0	1244.1	1246.1	1248.2	1249.2	1249.0	1248.7	1248.4	1248.0	1247.7
137.5°	1306.1	1307.8	1309.5	1311.2	1312.9	1313.8	1314.3	1315.3	1316.4	1317.4	1318.4
140°	1375.2	1376.9	1378.6	1380.3	1382.0	1382.9	1383.1	1383.4	1383.7	1384.1	1384.4
142.5°	1438.2	1439.9	1441.6	1443.3	1445.0	1445.9	1446.2	1446.9	1447.6	1448.3	1449.0
145°	1504.3	1505.0	1505.7	1506.4	1507.1	1507.4	1507.9	1508.9	1510.0	1511.0	1512.0
147.5°	1561.2	1562.6	1563.9	1565.3	1566.6	1567.3	1567.8	1568.8	1569.9	1570.9	1571.9
150°	1621.1	1621.8	1622.5	1623.2	1623.9	1624.2	1624.5	1625.2	1625.9	1626.5	1627.2
152.5°	1670.3	1671.3	1672.3	1673.4	1674.4	1674.9	1675.1	1675.4	1675.7	1676.1	1676.4
155°	1722.5	1722.5	1722.5	1722.5	1722.5	1722.5	1722.7	1723.0	1723.3	1723.7	1724.0
157.5°	1767.1	1766.7	1766.4	1766.0	1765.7	1765.5	1765.7	1766.0	1766.4	1766.7	1767.1
160°	1808.5	1807.8	1807.2	1806.5	1805.8	1805.5	1805.5	1805.5	1805.5	1805.5	1805.5
162.5°	1845.4	1844.4	1843.4	1842.3	1841.3	1840.8	1841.0	1841.3	1841.6	1842.0	1842.3
165°	1876.2	1875.2	1874.1	1873.1	1872.0	1871.5	1871.5	1871.5	1871.5	1871.5	1871.5
167.5°	1902.3	1900.9	1899.5	1898.2	1896.8	1896.1	1896.3	1896.6	1897.0	1897.3	1897.7
170°	1923.8	1922.4	1921.0	1919.7	1918.3	1917.6	1917.6	1917.6	1917.6	1917.6	1917.6
172.5°	1940.7	1939.3	1937.9	1936.6	1935.2	1934.5	1934.5	1934.5	1934.5	1934.5	1934.5
175°	1951.4	1950.0	1948.7	1947.3	1946.0	1945.3	1945.3	1945.3	1945.3	1945.3	1945.3
177.5°	1957.6	1956.2	1954.8	1953.5	1952.1	1951.4	1951.4	1951.4	1951.4	1951.4	1951.4
180°	1956.1	1956.1	1956.1	1956.1	1956.1	1956.1	1956.1	1956.1	1956.1	1956.1	1956.1

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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	532.1	532.1	532.1	532.1	532.1	532.1	532.1	532.1	532.1	532.1	532.1
2.5°	561.7	561.7	565.8	569.9	567.7	569.0	574.0	572.2	575.9	575.4	576.8
5°	604.1	609.1	613.2	621.9	623.2	621.9	630.5	632.8	636.9	631.9	634.2
7.5°	651.9	662.4	672.4	685.2	689.3	690.2	694.8	701.1	706.6	696.6	701.6
10°	698.4	714.3	734.8	746.2	756.3	759.9	763.6	767.7	774.0	780.0	775.4
12.5°	748.5	771.8	791.3	811.8	824.1	822.8	833.3	836.0	841.0	842.4	844.2
15°	789.5	822.3	834.6	865.1	867.9	877.0	888.8	899.3	900.7	897.9	897.9
17.5°	828.7	856.9	878.8	903.4	908.4	916.2	931.2	936.2	938.0	937.6	937.6
20°	860.6	879.3	916.2	936.7	944.9	954.9	965.4	971.8	973.1	974.9	972.2
22.5°	881.5	909.8	939.9	956.7	963.6	967.2	974.0	975.9	973.6	974.0	974.5
25°	897.9	925.7	944.0	948.5	948.1	943.5	938.5	929.8	928.9	925.3	918.0
27.5°	902.5	913.0	910.7	892.0	873.3	871.5	841.5	825.1	806.4	809.1	798.6
30°	877.9	864.2	831.9	784.5	764.9	733.0	699.3	664.2	650.6	635.5	663.3
32.5°	817.8	769.0	711.6	650.1	617.3	589.1	553.1	527.6	513.0	500.7	524.4
35°	727.1	651.0	574.9	516.6	489.7	464.2	430.5	417.8	399.5	401.4	403.6
37.5°	610.5	526.6	469.2	411.8	394.1	383.6	359.0	339.4	333.0	331.2	331.2
40°	501.1	432.3	381.3	336.2	322.6	313.9	294.3	285.2	278.4	276.5	278.8
42.5°	414.6	355.8	316.2	286.1	276.5	265.6	257.4	246.0	244.6	241.5	245.6
45°	348.1	297.0	267.4	245.6	237.4	233.3	224.1	217.3	214.6	214.1	217.3
47.5°	295.2	255.6	229.6	215.9	209.6	205.5	197.7	195.0	192.3	193.2	191.8
50°	247.8	218.2	201.4	189.1	185.0	180.9	175.9	173.1	171.8	171.8	171.3
52.5°	212.8	188.2	177.2	165.8	164.0	161.7	156.3	154.4	152.2	151.7	153.5
55°	182.2	165.4	154.4	147.6	145.8	141.2	139.0	136.7	135.3	134.4	134.9
57.5°	155.8	143.1	135.8	129.8	126.7	124.8	120.7	120.3	119.4	119.4	118.9
60°	133.9	124.8	116.2	112.5	110.3	108.0	107.5	104.8	103.4	104.3	103.9
62.5°	113.4	106.1	101.1	97.0	95.7	93.8	92.5	91.6	90.2	90.7	90.7
65°	94.8	88.8	85.2	81.5	81.1	79.3	78.8	77.9	77.9	77.4	78.4
67.5°	77.9	73.8	70.6	68.3	67.0	67.4	65.6	64.2	64.2	63.8	65.1
70°	62.0	59.7	56.5	53.8	51.9	51.9	49.7	49.2	49.2	49.2	48.7
72.5°	47.8	43.7	42.4	41.5	41.5	41.5	40.5	40.5	40.1	40.5	40.1
75°	35.5	35.1	34.2	33.7	33.7	33.3	32.8	32.8	32.8	32.8	32.8
77.5°	27.8	27.8	26.9	26.4	26.4	26.4	26.0	26.0	25.5	25.5	25.5
80°	20.5	20.5	19.6	19.6	19.6	19.1	19.1	19.1	19.6	19.1	19.1
82.5°	14.1	14.1	13.7	14.1	13.7	13.2	13.2	13.2	12.8	13.2	13.2
85°	8.2	8.2	7.7	7.3	7.7	7.7	7.3	7.7	7.3	7.7	7.3
87.5°	3.2	2.7	2.7	2.7	2.3	2.7	2.3	2.3	2.7	2.3	2.7
90°	38.3	39.6	41.0	42.3	43.0	43.3	44.0	44.7	45.4	46.1	45.4
92.5°	65.5	66.5	67.6	68.6	69.1	68.8	68.1	67.4	66.8	66.1	66.8
95°	115.1	116.5	117.8	119.2	119.9	119.9	119.9	119.9	119.9	119.9	119.9
97.5°	167.6	169.3	171.0	172.7	173.6	173.4	173.1	172.8	172.4	172.1	172.4
100°	226.9	227.9	229.0	230.0	230.5	230.8	231.5	232.2	232.9	233.6	232.9
102.5°	294.5	295.5	296.6	297.6	298.1	297.9	297.6	297.3	296.9	296.6	296.9
105°	362.6	362.6	362.6	362.6	362.6	362.9	363.6	364.3	365.0	365.7	365.0
107.5°	434.3	435.3	436.4	437.4	437.9	437.7	437.4	437.1	436.7	436.4	436.7
110°	506.9	508.3	509.6	511.0	511.7	511.4	510.7	510.0	509.3	508.6	509.3

TEST NUMBER: P1032223

CATALOG NUMBER: S123RDIW-B340D1535UB35-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	579.4	581.1	582.8	584.5	585.4	585.4	585.4	585.4	585.4	585.4	585.4
115°	654.9	655.3	655.6	655.9	656.1	655.9	655.6	655.3	654.9	654.6	654.9
117.5°	729.9	729.9	729.9	729.9	729.9	729.4	728.4	727.3	726.3	725.3	726.3
120°	804.8	804.5	804.1	803.8	803.6	803.3	802.6	801.9	801.3	800.6	801.3
122.5°	881.0	880.0	878.9	877.9	877.4	876.9	875.9	874.8	873.8	872.8	873.8
125°	955.9	954.5	953.2	951.8	951.1	950.4	949.1	947.7	946.4	945.0	946.4
127.5°	1030.6	1028.5	1026.5	1024.4	1023.4	1022.7	1021.3	1020.0	1018.6	1017.2	1018.6
130°	1103.4	1102.0	1100.7	1099.3	1098.6	1097.4	1095.0	1092.7	1090.3	1087.9	1090.3
132.5°	1175.3	1173.6	1171.9	1170.2	1169.3	1168.4	1166.7	1165.0	1163.3	1161.6	1163.3
135°	1246.3	1244.9	1243.6	1242.2	1241.5	1241.2	1240.5	1239.8	1239.2	1238.5	1239.2
137.5°	1316.7	1315.0	1313.3	1311.6	1310.7	1310.2	1309.2	1308.1	1307.1	1306.1	1307.1
140°	1384.1	1383.7	1383.4	1383.1	1382.9	1381.7	1379.3	1377.0	1374.6	1372.2	1374.6
142.5°	1448.6	1448.3	1447.9	1447.6	1447.4	1446.6	1444.9	1443.2	1441.5	1439.8	1441.5
145°	1511.6	1511.3	1510.9	1510.6	1510.4	1509.7	1508.4	1507.0	1505.7	1504.3	1505.7
147.5°	1571.9	1571.9	1571.9	1571.9	1571.9	1570.9	1568.8	1566.8	1564.7	1562.7	1564.7
150°	1627.2	1627.2	1627.2	1627.2	1627.2	1626.2	1624.1	1622.1	1620.0	1618.0	1620.0
152.5°	1677.1	1677.8	1678.5	1679.2	1679.5	1678.6	1676.9	1675.2	1673.5	1671.8	1673.5
155°	1725.4	1726.8	1728.1	1729.5	1730.2	1729.0	1726.6	1724.2	1721.8	1719.4	1721.8
157.5°	1768.5	1769.8	1771.2	1772.5	1773.2	1772.2	1770.1	1768.1	1766.0	1764.0	1766.0
160°	1807.2	1808.9	1810.6	1812.3	1813.2	1812.5	1811.1	1809.8	1808.4	1807.0	1808.4
162.5°	1844.0	1845.7	1847.4	1849.1	1850.0	1848.8	1846.4	1844.1	1841.7	1839.3	1841.7
165°	1873.6	1875.6	1877.7	1879.8	1880.8	1879.6	1877.2	1874.8	1872.4	1870.0	1872.4
167.5°	1899.7	1901.8	1903.8	1905.9	1906.9	1905.9	1903.8	1901.8	1899.7	1897.7	1899.7
170°	1920.0	1922.4	1924.8	1927.2	1928.4	1927.2	1924.8	1922.4	1920.0	1917.6	1920.0
172.5°	1936.6	1938.6	1940.7	1942.8	1943.8	1942.6	1940.2	1937.8	1935.4	1933.0	1935.4
175°	1947.3	1949.4	1951.4	1953.5	1954.5	1953.3	1950.9	1948.6	1946.2	1943.8	1946.2
177.5°	1953.5	1955.5	1957.6	1959.7	1960.7	1959.5	1957.1	1954.7	1952.3	1949.9	1952.3
180°	1956.1	1956.1	1956.1	1956.1	1956.1	1956.1	1956.1	1956.1	1956.1	1956.1	1956.1

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CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	532.1	532.1	532.1	532.1	532.1	532.1	532.1	532.1	532.1	532.1	532.1
2.5°	574.5	571.8	569.9	568.6	567.2	571.3	565.8	559.9	555.8	553.1	552.2
5°	634.6	628.7	623.7	619.6	620.5	620.5	610.9	600.5	591.3	586.3	580.9
7.5°	704.3	697.9	687.9	685.6	683.8	672.4	662.9	643.7	632.3	621.0	610.9
10°	773.6	765.4	755.8	752.6	748.1	733.9	719.4	694.8	680.6	659.7	646.5
12.5°	838.3	828.2	818.7	816.4	809.6	797.3	772.2	746.7	722.5	700.2	677.0
15°	892.5	889.7	875.2	866.1	851.0	834.2	828.7	794.1	763.6	740.3	698.4
17.5°	938.0	925.3	911.6	905.7	899.8	880.2	860.6	825.1	792.3	758.1	731.2
20°	974.5	960.4	950.8	942.1	939.4	917.1	886.1	854.7	818.7	780.4	745.3
22.5°	976.3	974.5	968.1	963.1	957.6	943.0	918.4	879.3	841.0	799.1	753.1
25°	938.5	935.8	954.0	949.4	953.1	947.6	934.4	901.6	856.9	807.7	761.3
27.5°	824.6	852.4	881.1	891.1	897.9	917.5	923.9	905.7	869.7	817.3	765.4
30°	669.7	706.6	753.1	778.1	797.3	833.7	881.1	887.0	870.2	828.2	764.5
32.5°	525.7	559.5	596.8	626.4	651.9	726.6	790.4	836.4	844.6	822.8	766.7
35°	423.7	438.3	473.8	502.0	536.7	600.5	675.6	749.9	800.0	802.7	759.9
37.5°	349.4	357.2	388.2	404.1	424.6	480.6	550.8	647.8	725.7	762.6	740.8
40°	289.3	307.1	324.8	333.9	348.5	387.2	454.7	530.7	627.3	695.7	711.2
42.5°	251.0	258.8	270.2	282.9	292.0	325.7	370.8	440.5	527.6	622.8	665.6
45°	221.4	224.1	236.0	244.2	253.8	277.4	309.3	367.7	444.2	538.0	610.9
47.5°	196.8	202.3	208.7	213.7	220.0	238.3	265.6	308.0	375.4	459.2	537.6
50°	174.9	178.1	186.3	188.6	193.2	205.9	226.9	259.2	314.8	381.8	462.9
52.5°	154.4	160.4	163.6	166.7	170.8	181.3	195.0	221.4	263.3	326.2	395.0
55°	138.5	140.3	144.9	147.6	150.8	158.1	169.9	189.5	222.3	272.4	337.6
57.5°	123.0	123.0	127.6	129.8	133.0	138.5	149.0	164.0	187.7	225.1	284.7
60°	106.6	107.1	110.7	113.4	114.4	119.8	128.5	140.3	158.5	185.9	234.6
62.5°	92.0	94.3	96.1	97.0	100.2	103.4	110.7	118.9	131.7	155.8	190.4
65°	79.7	80.2	81.5	82.5	83.8	87.5	92.9	98.4	109.3	127.1	155.4
67.5°	65.6	67.4	69.2	69.2	70.6	72.4	77.9	82.5	90.7	101.1	120.3
70°	49.2	50.1	52.8	54.2	56.0	59.2	62.0	64.7	71.1	78.8	93.4
72.5°	41.0	41.0	41.9	42.4	42.4	44.6	48.7	51.5	54.7	60.1	70.2
75°	32.8	32.8	34.2	33.7	34.6	35.5	36.0	37.8	39.6	43.7	49.7
77.5°	26.0	26.4	26.4	26.9	26.9	27.3	27.8	28.7	29.6	31.9	34.6
80°	19.1	19.6	19.6	20.0	20.0	20.5	21.0	21.4	22.3	23.2	24.6
82.5°	13.2	13.7	13.7	14.1	13.7	14.1	14.6	14.6	15.0	15.9	16.4
85°	7.7	7.7	8.2	7.7	7.7	7.7	8.2	8.2	8.7	10.0	10.0
87.5°	2.3	2.7	2.3	2.7	2.7	2.7	2.7	3.2	3.2	3.6	4.1
90°	44.7	44.0	43.3	43.0	42.3	41.0	39.6	38.3	36.9	32.5	28.0
92.5°	67.4	68.1	68.8	69.1	68.6	67.6	66.5	65.5	64.5	62.5	60.4
95°	119.9	119.9	119.9	119.9	119.2	117.8	116.5	115.1	113.7	111.0	108.2
97.5°	172.8	173.1	173.4	173.6	172.7	171.0	169.3	167.6	165.9	163.9	161.8
100°	232.2	231.5	230.8	230.5	230.0	229.0	227.9	226.9	225.9	224.2	222.5
102.5°	297.3	297.6	297.9	298.1	297.6	296.6	295.5	294.5	293.5	291.1	288.7
105°	364.3	363.6	362.9	362.6	362.6	362.6	362.6	362.6	362.6	359.5	356.5
107.5°	437.1	437.4	437.7	437.9	437.4	436.4	435.3	434.3	433.3	431.9	430.6
110°	510.0	510.7	511.4	511.7	511.0	509.6	508.3	506.9	505.5	504.8	504.2

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CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	585.4	585.4	585.4	585.4	584.5	582.8	581.1	579.4	577.7	577.7	577.7
115°	655.3	655.6	655.9	656.1	655.9	655.6	655.3	654.9	654.6	655.3	656.0
117.5°	727.3	728.4	729.4	729.9	729.9	729.9	729.9	729.9	729.9	730.6	731.2
120°	801.9	802.6	803.3	803.6	803.8	804.1	804.5	804.8	805.2	806.9	808.6
122.5°	874.8	875.9	876.9	877.4	877.9	878.9	880.0	881.0	882.0	882.7	883.4
125°	947.7	949.1	950.4	951.1	951.8	953.2	954.5	955.9	957.3	958.0	958.7
127.5°	1020.0	1021.3	1022.7	1023.4	1024.4	1026.5	1028.5	1030.6	1032.6	1033.3	1033.9
130°	1092.7	1095.0	1097.4	1098.6	1099.3	1100.7	1102.0	1103.4	1104.8	1105.8	1106.8
132.5°	1165.0	1166.7	1168.4	1169.3	1170.2	1171.9	1173.6	1175.3	1177.0	1177.7	1178.4
135°	1239.8	1240.5	1241.2	1241.5	1242.2	1243.6	1244.9	1246.3	1247.7	1248.0	1248.4
137.5°	1308.1	1309.2	1310.2	1310.7	1311.6	1313.3	1315.0	1316.7	1318.4	1317.4	1316.4
140°	1377.0	1379.3	1381.7	1382.9	1383.1	1383.4	1383.7	1384.1	1384.4	1384.1	1383.7
142.5°	1443.2	1444.9	1446.6	1447.4	1447.6	1447.9	1448.3	1448.6	1449.0	1448.3	1447.6
145°	1507.0	1508.4	1509.7	1510.4	1510.6	1510.9	1511.3	1511.6	1512.0	1511.0	1510.0
147.5°	1566.8	1568.8	1570.9	1571.9	1571.9	1571.9	1571.9	1571.9	1571.9	1570.9	1569.9
150°	1622.1	1624.1	1626.2	1627.2	1627.2	1627.2	1627.2	1627.2	1627.2	1626.5	1625.9
152.5°	1675.2	1676.9	1678.6	1679.5	1679.2	1678.5	1677.8	1677.1	1676.4	1676.1	1675.7
155°	1724.2	1726.6	1729.0	1730.2	1729.5	1728.1	1726.8	1725.4	1724.0	1723.7	1723.3
157.5°	1768.1	1770.1	1772.2	1773.2	1772.5	1771.2	1769.8	1768.5	1767.1	1766.7	1766.4
160°	1809.8	1811.1	1812.5	1813.2	1812.3	1810.6	1808.9	1807.2	1805.5	1805.5	1805.5
162.5°	1844.1	1846.4	1848.8	1850.0	1849.1	1847.4	1845.7	1844.0	1842.3	1842.0	1841.6
165°	1874.8	1877.2	1879.6	1880.8	1879.8	1877.7	1875.6	1873.6	1871.5	1871.5	1871.5
167.5°	1901.8	1903.8	1905.9	1906.9	1905.9	1903.8	1901.8	1899.7	1897.7	1897.3	1897.0
170°	1922.4	1924.8	1927.2	1928.4	1927.2	1924.8	1922.4	1920.0	1917.6	1917.6	1917.6
172.5°	1937.8	1940.2	1942.6	1943.8	1942.8	1940.7	1938.6	1936.6	1934.5	1934.5	1934.5
175°	1948.6	1950.9	1953.3	1954.5	1953.5	1951.4	1949.4	1947.3	1945.3	1945.3	1945.3
177.5°	1954.7	1957.1	1959.5	1960.7	1959.7	1957.6	1955.5	1953.5	1951.4	1951.4	1951.4
180°	1956.1	1956.1	1956.1	1956.1	1956.1	1956.1	1956.1	1956.1	1956.1	1956.1	1956.1

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CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
0°	532.1	532.1	532.1	532.1	532.1	532.1	532.1	532.1	532.1	532.1	532.1
2.5°	550.8	548.5	546.2	546.2	541.2	536.7	534.4	535.3	532.6	528.9	525.3
5°	574.9	565.8	564.0	559.0	552.2	542.6	537.6	533.0	527.6	520.3	513.4
7.5°	597.3	585.4	579.0	574.0	560.8	547.6	536.7	529.4	519.8	508.9	500.7
10°	626.4	604.6	597.7	586.3	567.7	549.0	536.2	524.4	511.2	498.4	487.5
12.5°	649.7	624.6	611.8	600.5	576.3	552.6	531.2	516.6	500.7	486.6	472.4
15°	676.1	647.8	625.5	611.8	581.3	552.6	528.5	508.0	490.2	472.9	460.6
17.5°	688.8	653.3	643.3	623.7	579.5	550.8	521.2	499.3	477.9	457.9	443.3
20°	708.9	667.4	642.4	629.2	590.0	547.6	513.0	487.9	465.6	444.2	428.7
22.5°	710.2	665.1	648.7	623.7	575.4	538.0	505.7	475.2	449.2	429.2	413.2
25°	707.1	661.0	638.3	618.2	578.1	532.6	491.1	461.0	435.5	412.3	393.6
27.5°	705.7	649.2	627.8	607.7	562.6	516.6	482.5	448.3	419.1	398.6	379.5
30°	703.9	636.4	610.5	587.2	545.8	504.3	463.3	433.7	405.9	380.0	360.8
32.5°	692.0	619.1	592.7	568.1	523.5	482.0	449.7	418.2	388.2	364.0	346.7
35°	688.4	603.2	568.6	542.1	498.4	461.5	427.3	401.4	373.1	349.0	328.5
37.5°	677.9	586.8	549.4	515.7	470.2	435.1	410.0	384.1	356.7	330.8	314.3
40°	659.7	567.7	525.3	490.7	443.7	408.2	385.0	365.8	339.0	315.7	295.7
42.5°	632.8	548.1	502.5	466.1	414.1	380.9	361.7	343.5	320.7	296.6	280.2
45°	601.8	522.1	479.7	439.2	386.3	354.0	333.9	323.0	302.0	281.5	262.4
47.5°	559.5	495.2	453.3	411.4	357.6	326.2	310.2	299.3	284.7	262.4	246.9
50°	506.1	460.6	421.0	383.6	329.4	299.3	283.4	275.2	262.9	246.9	231.9
52.5°	446.9	420.5	387.7	353.1	300.7	272.4	257.9	251.5	242.4	227.3	214.6
55°	387.2	375.9	353.5	319.4	270.6	247.4	234.6	226.4	219.6	208.7	197.7
57.5°	333.9	328.5	313.0	286.6	245.6	221.4	210.5	205.0	199.5	191.3	180.4
60°	278.8	284.7	268.8	255.6	218.2	197.3	187.7	181.8	179.0	171.8	164.9
62.5°	231.0	236.4	227.3	217.3	190.9	172.2	166.3	160.8	159.0	152.6	145.8
65°	187.7	194.5	187.7	182.2	166.3	150.8	143.5	140.8	139.0	134.9	129.4
67.5°	149.4	156.3	153.1	146.2	141.2	128.5	124.4	121.6	120.7	117.5	113.0
70°	112.5	122.1	123.0	118.9	114.4	108.4	105.7	104.8	102.5	99.8	97.0
72.5°	81.1	92.0	92.5	92.5	89.7	89.7	87.0	85.6	85.6	82.9	79.7
75°	59.7	67.0	67.9	68.8	70.2	71.5	69.7	69.7	69.2	66.5	65.1
77.5°	39.6	46.0	48.3	51.5	53.3	53.3	54.2	55.1	54.2	52.8	51.9
80°	25.5	30.1	32.8	34.6	37.4	38.7	40.1	40.5	39.6	39.2	37.8
82.5°	16.9	18.2	19.6	21.9	25.1	27.3	27.3	26.9	27.8	27.3	26.9
85°	9.6	10.5	10.9	11.4	13.2	15.5	15.9	16.4	17.3	16.4	15.5
87.5°	3.6	4.1	4.1	4.1	5.0	5.5	6.8	8.7	8.2	7.3	7.3
90°	23.6	19.1	16.9	15.2	11.8	8.3	4.9	1.5	4.9	8.3	11.8
92.5°	58.4	56.3	55.3	54.3	52.2	50.2	48.1	46.1	48.1	50.2	52.2
95°	105.5	102.8	101.4	100.2	97.8	95.5	93.1	90.7	93.1	95.5	97.8
97.5°	159.8	157.7	156.7	155.8	154.1	152.4	150.7	149.0	150.7	152.4	154.1
100°	220.8	219.1	218.2	217.2	215.1	213.1	211.0	209.0	211.0	213.1	215.1
102.5°	286.3	283.9	282.7	282.2	281.2	280.1	279.1	278.1	279.1	280.1	281.2
105°	353.4	350.3	348.8	348.5	347.8	347.1	346.4	345.7	346.4	347.1	347.8
107.5°	429.2	427.9	427.2	427.0	426.7	426.3	426.0	425.6	426.0	426.3	426.7
110°	503.5	502.8	502.5	502.2	501.5	500.8	500.1	499.4	500.1	500.8	501.5



TEST NUMBER: P1032223

CATALOG NUMBER: S123RDIW-B340D1535UB35-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
112.5°	577.7	577.7	577.7	577.5	577.2	576.9	576.5	576.2	576.5	576.9	577.2
115°	656.7	657.4	657.7	657.2	656.1	655.1	654.0	653.0	654.0	655.1	656.1
117.5°	731.9	732.6	732.9	732.7	732.4	732.1	731.7	731.4	731.7	732.1	732.4
120°	810.3	812.0	812.8	811.8	809.7	807.7	805.6	803.6	805.6	807.7	809.7
122.5°	884.1	884.8	885.1	884.4	883.0	881.7	880.3	878.9	880.3	881.7	883.0
125°	959.4	960.1	960.4	959.9	958.8	957.8	956.7	955.7	956.7	957.8	958.8
127.5°	1034.6	1035.3	1035.6	1034.6	1032.5	1030.5	1028.4	1026.4	1028.4	1030.5	1032.5
130°	1107.9	1108.9	1109.4	1108.0	1105.3	1102.6	1099.8	1097.1	1099.8	1102.6	1105.3
132.5°	1179.1	1179.8	1180.1	1178.7	1176.0	1173.3	1170.5	1167.8	1170.5	1173.3	1176.0
135°	1248.7	1249.0	1249.2	1248.2	1246.1	1244.1	1242.0	1240.0	1242.0	1244.1	1246.1
137.5°	1315.3	1314.3	1313.8	1312.9	1311.2	1309.5	1307.8	1306.1	1307.8	1309.5	1311.2
140°	1383.4	1383.1	1382.9	1382.0	1380.3	1378.6	1376.9	1375.2	1376.9	1378.6	1380.3
142.5°	1446.9	1446.2	1445.9	1445.0	1443.3	1441.6	1439.9	1438.2	1439.9	1441.6	1443.3
145°	1508.9	1507.9	1507.4	1507.1	1506.4	1505.7	1505.0	1504.3	1505.0	1505.7	1506.4
147.5°	1568.8	1567.8	1567.3	1566.6	1565.3	1563.9	1562.6	1561.2	1562.6	1563.9	1565.3
150°	1625.2	1624.5	1624.2	1623.9	1623.2	1622.5	1621.8	1621.1	1621.8	1622.5	1623.2
152.5°	1675.4	1675.1	1674.9	1674.4	1673.4	1672.3	1671.3	1670.3	1671.3	1672.3	1673.4
155°	1723.0	1722.7	1722.5	1722.5	1722.5	1722.5	1722.5	1722.5	1722.5	1722.5	1722.5
157.5°	1766.0	1765.7	1765.5	1765.7	1766.0	1766.4	1766.7	1767.1	1766.7	1766.4	1766.0
160°	1805.5	1805.5	1805.5	1805.8	1806.5	1807.2	1807.8	1808.5	1807.8	1807.2	1806.5
162.5°	1841.3	1841.0	1840.8	1841.3	1842.3	1843.4	1844.4	1845.4	1844.4	1843.4	1842.3
165°	1871.5	1871.5	1871.5	1872.0	1873.1	1874.1	1875.2	1876.2	1875.2	1874.1	1873.1
167.5°	1896.6	1896.3	1896.1	1896.8	1898.2	1899.5	1900.9	1902.3	1900.9	1899.5	1898.2
170°	1917.6	1917.6	1917.6	1918.3	1919.7	1921.0	1922.4	1923.8	1922.4	1921.0	1919.7
172.5°	1934.5	1934.5	1934.5	1935.2	1936.6	1937.9	1939.3	1940.7	1939.3	1937.9	1936.6
175°	1945.3	1945.3	1945.3	1946.0	1947.3	1948.7	1950.0	1951.4	1950.0	1948.7	1947.3
177.5°	1951.4	1951.4	1951.4	1952.1	1953.5	1954.8	1956.2	1957.6	1956.2	1954.8	1953.5
180°	1956.1	1956.1	1956.1	1956.1	1956.1	1956.1	1956.1	1956.1	1956.1	1956.1	1956.1

TEST NUMBER: P1032223

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CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
0°	532.1	532.1	532.1	532.1	532.1	532.1	532.1	532.1	532.1	532.1	532.1
2.5°	525.3	523.0	522.1	519.8	514.3	510.7	506.6	503.9	504.3	502.0	503.4
5°	508.9	508.4	505.2	500.7	492.9	488.8	481.5	477.9	476.1	476.5	473.8
7.5°	495.2	491.1	488.8	481.5	474.3	465.6	459.7	456.5	453.8	451.0	449.2
10°	479.7	476.1	472.4	464.7	454.7	446.5	438.3	435.1	431.0	429.2	427.8
12.5°	463.3	461.0	456.5	447.4	436.0	428.2	418.7	416.9	411.4	407.7	406.8
15°	448.3	446.9	438.7	428.2	416.9	409.1	400.9	395.4	386.3	388.2	385.0
17.5°	432.3	426.4	421.4	407.3	401.8	390.0	380.4	377.7	371.3	367.2	363.1
20°	414.6	410.9	404.6	395.4	382.2	368.6	361.3	356.7	353.1	346.7	344.9
22.5°	397.7	393.2	387.7	375.9	364.5	353.1	343.1	339.0	334.4	329.8	327.1
25°	384.5	377.7	371.8	357.2	345.8	336.2	329.8	323.0	316.6	313.9	313.0
27.5°	364.0	359.9	354.0	340.3	329.8	319.4	313.4	308.9	302.0	298.9	296.1
30°	350.8	342.6	335.8	324.8	314.3	303.0	297.5	292.0	287.9	283.8	280.6
32.5°	333.0	326.7	321.2	310.2	299.8	289.3	283.4	275.2	272.9	269.7	266.1
35°	315.7	311.6	305.7	293.8	282.5	275.2	268.8	261.0	258.3	256.0	252.8
37.5°	299.3	293.4	289.3	277.9	267.9	259.2	254.2	247.8	246.0	243.3	241.0
40°	285.2	279.3	275.2	263.8	253.3	244.2	241.0	234.6	231.9	228.7	227.3
42.5°	269.2	264.2	258.8	250.6	239.6	230.5	224.1	220.5	216.9	215.5	212.8
45°	252.4	247.8	243.7	234.6	223.2	216.9	211.4	206.4	203.6	201.4	199.5
47.5°	237.8	233.7	228.2	218.2	209.1	203.2	197.7	192.7	190.0	187.2	185.0
50°	221.0	218.7	212.8	203.2	194.5	187.7	182.7	178.1	176.3	173.1	169.5
52.5°	205.9	201.8	196.8	189.1	181.3	173.1	166.3	163.6	160.4	158.5	155.4
55°	188.2	185.4	180.0	173.1	164.9	158.1	153.1	149.4	145.3	143.5	139.4
57.5°	173.1	168.1	165.4	156.7	149.0	142.1	138.5	134.9	130.3	127.6	125.7
60°	156.7	152.2	148.1	140.8	135.3	128.0	122.6	119.4	116.2	112.5	110.7
62.5°	140.8	137.1	132.1	126.2	119.4	113.4	109.3	104.8	103.0	99.3	97.9
65°	123.5	120.7	116.6	109.8	104.3	99.3	95.2	91.6	89.7	88.4	87.5
67.5°	108.0	104.3	101.6	95.7	89.7	85.6	83.4	81.1	78.8	77.4	76.1
70°	92.0	89.3	86.6	81.1	77.0	73.3	71.5	69.7	68.3	67.0	65.6
72.5°	75.6	74.3	71.5	67.9	64.7	62.0	60.6	58.3	56.9	54.7	53.8
75°	62.4	60.1	58.8	55.6	52.8	50.6	48.7	46.0	44.2	43.3	42.8
77.5°	49.2	48.3	46.5	43.7	42.4	40.1	37.4	36.4	35.5	35.5	35.1
80°	36.9	35.5	34.2	31.9	30.5	28.7	28.7	28.7	28.2	28.7	28.2
82.5°	25.1	24.1	23.2	21.9	21.4	21.4	21.9	21.9	21.9	21.9	21.9
85°	14.6	14.6	14.6	15.0	14.6	14.6	15.0	15.5	15.0	15.0	14.6
87.5°	6.8	6.8	7.3	7.3	7.7	7.7	7.7	7.7	7.7	7.7	8.2
90°	15.2	16.9	19.1	23.6	28.0	32.5	36.9	38.3	39.6	41.0	42.3
92.5°	54.3	55.3	56.3	58.4	60.4	62.5	64.5	65.5	66.5	67.6	68.6
95°	100.2	101.4	102.8	105.5	108.2	111.0	113.7	115.1	116.5	117.8	119.2
97.5°	155.8	156.7	157.7	159.8	161.8	163.9	165.9	167.6	169.3	171.0	172.7
100°	217.2	218.2	219.1	220.8	222.5	224.2	225.9	226.9	227.9	229.0	230.0
102.5°	282.2	282.7	283.9	286.3	288.7	291.1	293.5	294.5	295.5	296.6	297.6
105°	348.5	348.8	350.3	353.4	356.5	359.5	362.6	362.6	362.6	362.6	362.6
107.5°	427.0	427.2	427.9	429.2	430.6	431.9	433.3	434.3	435.3	436.4	437.4
110°	502.2	502.5	502.8	503.5	504.2	504.8	505.5	506.9	508.3	509.6	511.0

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CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
112.5°	577.5	577.7	577.7	577.7	577.7	577.7	577.7	579.4	581.1	582.8	584.5
115°	657.2	657.7	657.4	656.7	656.0	655.3	654.6	654.9	655.3	655.6	655.9
117.5°	732.7	732.9	732.6	731.9	731.2	730.6	729.9	729.9	729.9	729.9	729.9
120°	811.8	812.8	812.0	810.3	808.6	806.9	805.2	804.8	804.5	804.1	803.8
122.5°	884.4	885.1	884.8	884.1	883.4	882.7	882.0	881.0	880.0	878.9	877.9
125°	959.9	960.4	960.1	959.4	958.7	958.0	957.3	955.9	954.5	953.2	951.8
127.5°	1034.6	1035.6	1035.3	1034.6	1033.9	1033.3	1032.6	1030.6	1028.5	1026.5	1024.4
130°	1108.0	1109.4	1108.9	1107.9	1106.8	1105.8	1104.8	1103.4	1102.0	1100.7	1099.3
132.5°	1178.7	1180.1	1179.8	1179.1	1178.4	1177.7	1177.0	1175.3	1173.6	1171.9	1170.2
135°	1248.2	1249.2	1249.0	1248.7	1248.4	1248.0	1247.7	1246.3	1244.9	1243.6	1242.2
137.5°	1312.9	1313.8	1314.3	1315.3	1316.4	1317.4	1318.4	1316.7	1315.0	1313.3	1311.6
140°	1382.0	1382.9	1383.1	1383.4	1383.7	1384.1	1384.4	1384.1	1383.7	1383.4	1383.1
142.5°	1445.0	1445.9	1446.2	1446.9	1447.6	1448.3	1449.0	1448.6	1448.3	1447.9	1447.6
145°	1507.1	1507.4	1507.9	1508.9	1510.0	1511.0	1512.0	1511.6	1511.3	1510.9	1510.6
147.5°	1566.6	1567.3	1567.8	1568.8	1569.9	1570.9	1571.9	1571.9	1571.9	1571.9	1571.9
150°	1623.9	1624.2	1624.5	1625.2	1625.9	1626.5	1627.2	1627.2	1627.2	1627.2	1627.2
152.5°	1674.4	1674.9	1675.1	1675.4	1675.7	1676.1	1676.4	1677.1	1677.8	1678.5	1679.2
155°	1722.5	1722.5	1722.7	1723.0	1723.3	1723.7	1724.0	1725.4	1726.8	1728.1	1729.5
157.5°	1765.7	1765.5	1765.7	1766.0	1766.4	1766.7	1767.1	1768.5	1769.8	1771.2	1772.5
160°	1805.8	1805.5	1805.5	1805.5	1805.5	1805.5	1805.5	1807.2	1808.9	1810.6	1812.3
162.5°	1841.3	1840.8	1841.0	1841.3	1841.6	1842.0	1842.3	1844.0	1845.7	1847.4	1849.1
165°	1872.0	1871.5	1871.5	1871.5	1871.5	1871.5	1871.5	1873.6	1875.6	1877.7	1879.8
167.5°	1896.8	1896.1	1896.3	1896.6	1897.0	1897.3	1897.7	1899.7	1901.8	1903.8	1905.9
170°	1918.3	1917.6	1917.6	1917.6	1917.6	1917.6	1917.6	1920.0	1922.4	1924.8	1927.2
172.5°	1935.2	1934.5	1934.5	1934.5	1934.5	1934.5	1934.5	1936.6	1938.6	1940.7	1942.8
175°	1946.0	1945.3	1945.3	1945.3	1945.3	1945.3	1945.3	1947.3	1949.4	1951.4	1953.5
177.5°	1952.1	1951.4	1951.4	1951.4	1951.4	1951.4	1951.4	1953.5	1955.5	1957.6	1959.7
180°	1956.1	1956.1	1956.1	1956.1	1956.1	1956.1	1956.1	1956.1	1956.1	1956.1	1956.1

TEST NUMBER: P1032223

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CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
0°	532.1	532.1	532.1	532.1	532.1	532.1	532.1	532.1	532.1	532.1	532.1
2.5°	503.0	503.4	502.0	499.3	498.9	499.8	502.5	501.6	499.3	503.4	499.8
5°	475.2	472.9	472.0	472.9	470.2	468.8	471.5	470.2	471.5	472.0	473.3
7.5°	448.3	448.7	446.0	446.5	442.8	443.7	443.7	443.7	445.1	446.0	447.8
10°	425.1	426.0	422.8	423.2	420.5	418.7	420.0	422.8	422.8	422.8	423.7
12.5°	406.4	402.3	400.0	399.5	396.4	395.4	398.2	399.1	401.4	401.4	402.7
15°	383.1	382.2	380.4	380.4	372.7	374.5	375.4	378.6	383.1	379.5	380.4
17.5°	362.2	359.9	357.6	356.7	355.8	353.1	356.7	356.3	359.0	359.5	360.8
20°	343.5	341.7	337.1	337.6	338.5	334.4	336.7	336.7	339.4	342.1	345.3
22.5°	325.3	323.5	321.2	322.1	319.4	318.4	318.4	320.7	323.9	326.2	325.7
25°	311.2	308.0	306.6	305.2	303.9	304.8	303.4	305.7	308.0	309.3	308.0
27.5°	295.2	293.8	291.1	289.7	287.5	288.4	289.3	291.1	292.5	292.5	293.8
30°	279.7	277.9	277.0	275.6	275.6	273.8	274.3	276.1	277.4	278.8	280.6
32.5°	264.7	263.3	262.0	262.0	261.0	260.6	260.1	262.9	262.9	265.6	265.6
35°	252.4	250.1	250.1	247.8	248.7	248.3	247.4	249.2	249.7	251.5	251.0
37.5°	238.7	238.7	237.8	235.5	233.7	234.2	236.4	236.4	237.8	237.4	238.7
40°	225.1	224.1	224.1	222.8	222.3	221.9	222.3	222.8	225.1	224.6	225.1
42.5°	211.4	211.8	209.6	209.6	209.6	208.2	208.7	209.1	210.0	210.9	212.3
45°	198.2	197.3	196.8	195.9	195.0	195.4	195.0	196.8	196.4	197.3	198.6
47.5°	184.1	182.7	182.2	180.4	180.4	181.3	180.9	182.2	182.7	184.1	183.1
50°	170.4	168.6	167.2	167.7	164.9	165.8	165.8	167.2	168.6	169.0	169.9
52.5°	154.4	154.0	153.5	151.3	150.8	150.3	150.8	151.3	153.1	154.4	154.9
55°	139.0	138.5	135.8	134.9	133.5	133.5	134.4	134.9	138.0	138.5	140.3
57.5°	124.8	123.5	120.3	119.8	119.8	119.8	118.5	120.3	121.2	123.5	123.5
60°	109.3	109.3	106.6	106.6	107.1	106.6	106.6	107.1	107.1	108.9	109.8
62.5°	97.0	96.6	96.6	95.7	95.2	95.7	95.2	95.2	95.7	97.0	98.4
65°	86.1	85.6	85.2	84.7	83.8	83.8	84.3	85.2	85.2	86.1	86.6
67.5°	75.6	75.6	74.7	74.7	74.3	73.8	74.3	73.8	75.6	75.6	76.1
70°	65.1	64.7	63.3	62.9	61.5	62.0	62.0	63.3	63.8	64.7	65.6
72.5°	52.4	52.4	51.5	50.6	51.0	50.1	50.1	50.6	50.6	51.9	52.4
75°	43.3	42.4	41.9	42.4	41.9	42.8	41.9	41.9	42.8	42.8	42.8
77.5°	35.5	35.5	35.1	35.1	35.5	35.1	35.5	35.5	35.5	35.1	35.5
80°	29.2	28.7	28.7	28.7	28.2	28.2	28.2	28.2	28.2	28.2	28.2
82.5°	21.9	21.9	21.4	21.9	21.9	21.4	21.9	21.4	21.4	21.9	21.9
85°	14.6	15.5	14.6	14.6	15.0	15.0	15.5	15.0	15.5	14.6	15.0
87.5°	7.7	8.2	8.2	7.7	7.7	8.2	8.2	8.2	8.7	7.7	8.2
90°	43.0	43.3	44.0	44.7	45.4	46.1	45.4	44.7	44.0	43.3	43.0
92.5°	69.1	68.8	68.1	67.4	66.8	66.1	66.8	67.4	68.1	68.8	69.1
95°	119.9	119.9	119.9	119.9	119.9	119.9	119.9	119.9	119.9	119.9	119.9
97.5°	173.6	173.4	173.1	172.8	172.4	172.1	172.4	172.8	173.1	173.4	173.6
100°	230.5	230.8	231.5	232.2	232.9	233.6	232.9	232.2	231.5	230.8	230.5
102.5°	298.1	297.9	297.6	297.3	296.9	296.6	296.9	297.3	297.6	297.9	298.1
105°	362.6	362.9	363.6	364.3	365.0	365.7	365.0	364.3	363.6	362.9	362.6
107.5°	437.9	437.7	437.4	437.1	436.7	436.4	436.7	437.1	437.4	437.7	437.9
110°	511.7	511.4	510.7	510.0	509.3	508.6	509.3	510.0	510.7	511.4	511.7

TEST NUMBER: P1032223

CATALOG NUMBER: S123RDIW-B340D1535UB35-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
112.5°	585.4	585.4	585.4	585.4	585.4	585.4	585.4	585.4	585.4	585.4	585.4
115°	656.1	655.9	655.6	655.3	654.9	654.6	654.9	655.3	655.6	655.9	656.1
117.5°	729.9	729.4	728.4	727.3	726.3	725.3	726.3	727.3	728.4	729.4	729.9
120°	803.6	803.3	802.6	801.9	801.3	800.6	801.3	801.9	802.6	803.3	803.6
122.5°	877.4	876.9	875.9	874.8	873.8	872.8	873.8	874.8	875.9	876.9	877.4
125°	951.1	950.4	949.1	947.7	946.4	945.0	946.4	947.7	949.1	950.4	951.1
127.5°	1023.4	1022.7	1021.3	1020.0	1018.6	1017.2	1018.6	1020.0	1021.3	1022.7	1023.4
130°	1098.6	1097.4	1095.0	1092.7	1090.3	1087.9	1090.3	1092.7	1095.0	1097.4	1098.6
132.5°	1169.3	1168.4	1166.7	1165.0	1163.3	1161.6	1163.3	1165.0	1166.7	1168.4	1169.3
135°	1241.5	1241.2	1240.5	1239.8	1239.2	1238.5	1239.2	1239.8	1240.5	1241.2	1241.5
137.5°	1310.7	1310.2	1309.2	1308.1	1307.1	1306.1	1307.1	1308.1	1309.2	1310.2	1310.7
140°	1382.9	1381.7	1379.3	1377.0	1374.6	1372.2	1374.6	1377.0	1379.3	1381.7	1382.9
142.5°	1447.4	1446.6	1444.9	1443.2	1441.5	1439.8	1441.5	1443.2	1444.9	1446.6	1447.4
145°	1510.4	1509.7	1508.4	1507.0	1505.7	1504.3	1505.7	1507.0	1508.4	1509.7	1510.4
147.5°	1571.9	1570.9	1568.8	1566.8	1564.7	1562.7	1564.7	1566.8	1568.8	1570.9	1571.9
150°	1627.2	1626.2	1624.1	1622.1	1620.0	1618.0	1620.0	1622.1	1624.1	1626.2	1627.2
152.5°	1679.5	1678.6	1676.9	1675.2	1673.5	1671.8	1673.5	1675.2	1676.9	1678.6	1679.5
155°	1730.2	1729.0	1726.6	1724.2	1721.8	1719.4	1721.8	1724.2	1726.6	1729.0	1730.2
157.5°	1773.2	1772.2	1770.1	1768.1	1766.0	1764.0	1766.0	1768.1	1770.1	1772.2	1773.2
160°	1813.2	1812.5	1811.1	1809.8	1808.4	1807.0	1808.4	1809.8	1811.1	1812.5	1813.2
162.5°	1850.0	1848.8	1846.4	1844.1	1841.7	1839.3	1841.7	1844.1	1846.4	1848.8	1850.0
165°	1880.8	1879.6	1877.2	1874.8	1872.4	1870.0	1872.4	1874.8	1877.2	1879.6	1880.8
167.5°	1906.9	1905.9	1903.8	1901.8	1899.7	1897.7	1899.7	1901.8	1903.8	1905.9	1906.9
170°	1928.4	1927.2	1924.8	1922.4	1920.0	1917.6	1920.0	1922.4	1924.8	1927.2	1928.4
172.5°	1943.8	1942.6	1940.2	1937.8	1935.4	1933.0	1935.4	1937.8	1940.2	1942.6	1943.8
175°	1954.5	1953.3	1950.9	1948.6	1946.2	1943.8	1946.2	1948.6	1950.9	1953.3	1954.5
177.5°	1960.7	1959.5	1957.1	1954.7	1952.3	1949.9	1952.3	1954.7	1957.1	1959.5	1960.7
180°	1956.1	1956.1	1956.1	1956.1	1956.1	1956.1	1956.1	1956.1	1956.1	1956.1	1956.1

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CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
0°	532.1	532.1	532.1	532.1	532.1	532.1	532.1	532.1	532.1	532.1	532.1
2.5°	503.4	505.2	503.4	499.8	503.4	505.7	508.0	511.6	513.4	513.4	516.2
5°	474.7	478.4	477.0	476.1	479.7	482.0	485.6	490.2	495.2	498.4	502.0
7.5°	449.2	451.5	453.8	453.8	457.4	462.4	467.9	473.3	479.7	484.3	487.0
10°	426.9	428.7	430.1	431.9	437.4	442.8	450.1	456.9	462.4	467.4	472.0
12.5°	405.5	408.2	411.4	412.8	416.9	423.7	430.5	438.7	447.4	452.4	456.9
15°	385.0	386.3	390.0	394.1	397.7	405.0	413.7	422.3	429.6	437.4	441.5
17.5°	364.0	364.5	374.0	371.8	383.6	390.4	395.0	403.2	415.0	421.4	427.8
20°	343.5	348.1	352.2	354.4	360.8	368.6	381.8	388.2	397.7	403.6	409.1
22.5°	327.6	334.4	334.4	339.9	343.1	350.3	359.9	372.2	382.7	386.8	394.5
25°	313.4	316.6	322.1	323.9	329.8	336.2	342.6	355.8	367.2	372.7	378.1
27.5°	295.2	299.3	306.6	306.6	314.3	321.2	328.9	337.6	349.0	356.7	362.6
30°	281.1	285.2	288.4	293.4	296.6	303.0	316.6	323.0	333.0	339.9	347.2
32.5°	267.9	271.1	273.8	279.3	282.9	290.2	297.5	308.9	317.5	323.9	331.7
35°	253.3	256.5	260.1	264.2	269.7	276.5	283.4	292.9	301.6	307.5	313.9
37.5°	239.6	241.9	247.4	250.1	254.7	261.0	269.7	279.7	287.5	292.0	298.4
40°	226.4	228.2	232.3	237.4	240.5	245.6	254.7	263.3	272.9	278.4	283.4
42.5°	212.3	214.6	218.2	223.2	228.2	233.7	238.7	248.7	257.4	262.0	267.4
45°	200.0	201.4	204.1	209.1	214.1	218.2	226.0	235.1	243.3	246.9	252.8
47.5°	185.4	186.8	190.9	193.2	198.6	204.1	211.8	221.0	228.2	231.9	237.4
50°	170.4	171.8	174.5	179.5	183.1	189.1	195.9	203.6	212.8	217.8	221.0
52.5°	155.8	158.5	160.8	164.9	169.5	175.4	181.8	189.1	196.8	201.8	205.5
55°	141.2	143.5	146.2	148.5	154.0	159.5	166.7	173.6	180.4	185.0	189.1
57.5°	124.8	128.0	130.8	135.3	139.4	144.0	152.2	157.6	165.8	169.0	172.7
60°	110.7	113.9	116.2	119.8	123.5	129.4	134.9	141.7	148.5	152.6	157.2
62.5°	98.9	100.2	101.6	105.2	108.9	114.4	119.8	126.7	133.9	136.2	139.9
65°	87.0	88.4	90.7	93.8	96.6	99.8	105.7	111.2	118.0	121.6	123.0
67.5°	77.0	78.4	78.8	81.1	83.4	87.0	90.2	95.7	102.0	104.3	107.1
70°	65.6	67.9	68.3	70.2	71.1	73.3	77.0	81.1	86.1	90.2	92.5
72.5°	52.4	55.6	56.5	59.2	60.6	62.9	65.6	68.8	72.0	73.8	75.6
75°	42.8	43.7	44.2	46.5	48.7	51.9	53.3	55.1	57.9	60.1	62.0
77.5°	35.5	36.0	36.4	36.4	36.9	38.7	41.5	43.7	45.6	46.5	47.8
80°	28.7	28.2	28.2	28.7	28.7	28.7	29.6	32.8	33.7	36.0	35.5
82.5°	22.3	21.4	21.9	21.4	21.4	21.4	21.4	21.9	21.9	23.2	24.1
85°	14.6	15.0	14.6	14.6	14.1	14.6	14.1	14.1	13.7	13.7	13.2
87.5°	7.7	8.2	7.7	7.7	7.3	7.7	7.3	7.3	6.8	6.8	5.9
90°	42.3	41.0	39.6	38.3	36.9	32.5	28.0	23.6	19.1	16.9	15.2
92.5°	68.6	67.6	66.5	65.5	64.5	62.5	60.4	58.4	56.3	55.3	54.3
95°	119.2	117.8	116.5	115.1	113.7	111.0	108.2	105.5	102.8	101.4	100.2
97.5°	172.7	171.0	169.3	167.6	165.9	163.9	161.8	159.8	157.7	156.7	155.8
100°	230.0	229.0	227.9	226.9	225.9	224.2	222.5	220.8	219.1	218.2	217.2
102.5°	297.6	296.6	295.5	294.5	293.5	291.1	288.7	286.3	283.9	282.7	282.2
105°	362.6	362.6	362.6	362.6	362.6	359.5	356.5	353.4	350.3	348.8	348.5
107.5°	437.4	436.4	435.3	434.3	433.3	431.9	430.6	429.2	427.9	427.2	427.0
110°	511.0	509.6	508.3	506.9	505.5	504.8	504.2	503.5	502.8	502.5	502.2

TEST NUMBER: P1032223

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CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
112.5°	584.5	582.8	581.1	579.4	577.7	577.7	577.7	577.7	577.7	577.7	577.5
115°	655.9	655.6	655.3	654.9	654.6	655.3	656.0	656.7	657.4	657.7	657.2
117.5°	729.9	729.9	729.9	729.9	729.9	730.6	731.2	731.9	732.6	732.9	732.7
120°	803.8	804.1	804.5	804.8	805.2	806.9	808.6	810.3	812.0	812.8	811.8
122.5°	877.9	878.9	880.0	881.0	882.0	882.7	883.4	884.1	884.8	885.1	884.4
125°	951.8	953.2	954.5	955.9	957.3	958.0	958.7	959.4	960.1	960.4	959.9
127.5°	1024.4	1026.5	1028.5	1030.6	1032.6	1033.3	1033.9	1034.6	1035.3	1035.6	1034.6
130°	1099.3	1100.7	1102.0	1103.4	1104.8	1105.8	1106.8	1107.9	1108.9	1109.4	1108.0
132.5°	1170.2	1171.9	1173.6	1175.3	1177.0	1177.7	1178.4	1179.1	1179.8	1180.1	1178.7
135°	1242.2	1243.6	1244.9	1246.3	1247.7	1248.0	1248.4	1248.7	1249.0	1249.2	1248.2
137.5°	1311.6	1313.3	1315.0	1316.7	1318.4	1317.4	1316.4	1315.3	1314.3	1313.8	1312.9
140°	1383.1	1383.4	1383.7	1384.1	1384.4	1384.1	1383.7	1383.4	1383.1	1382.9	1382.0
142.5°	1447.6	1447.9	1448.3	1448.6	1449.0	1448.3	1447.6	1446.9	1446.2	1445.9	1445.0
145°	1510.6	1510.9	1511.3	1511.6	1512.0	1511.0	1510.0	1508.9	1507.9	1507.4	1507.1
147.5°	1571.9	1571.9	1571.9	1571.9	1571.9	1570.9	1569.9	1568.8	1567.8	1567.3	1566.6
150°	1627.2	1627.2	1627.2	1627.2	1627.2	1626.5	1625.9	1625.2	1624.5	1624.2	1623.9
152.5°	1679.2	1678.5	1677.8	1677.1	1676.4	1676.1	1675.7	1675.4	1675.1	1674.9	1674.4
155°	1729.5	1728.1	1726.8	1725.4	1724.0	1723.7	1723.3	1723.0	1722.7	1722.5	1722.5
157.5°	1772.5	1771.2	1769.8	1768.5	1767.1	1766.7	1766.4	1766.0	1765.7	1765.5	1765.7
160°	1812.3	1810.6	1808.9	1807.2	1805.5	1805.5	1805.5	1805.5	1805.5	1805.5	1805.8
162.5°	1849.1	1847.4	1845.7	1844.0	1842.3	1842.0	1841.6	1841.3	1841.0	1840.8	1841.3
165°	1879.8	1877.7	1875.6	1873.6	1871.5	1871.5	1871.5	1871.5	1871.5	1871.5	1872.0
167.5°	1905.9	1903.8	1901.8	1899.7	1897.7	1897.3	1897.0	1896.6	1896.3	1896.1	1896.8
170°	1927.2	1924.8	1922.4	1920.0	1917.6	1917.6	1917.6	1917.6	1917.6	1917.6	1918.3
172.5°	1942.8	1940.7	1938.6	1936.6	1934.5	1934.5	1934.5	1934.5	1934.5	1934.5	1935.2
175°	1953.5	1951.4	1949.4	1947.3	1945.3	1945.3	1945.3	1945.3	1945.3	1945.3	1946.0
177.5°	1959.7	1957.6	1955.5	1953.5	1951.4	1951.4	1951.4	1951.4	1951.4	1951.4	1952.1
180°	1956.1	1956.1	1956.1	1956.1	1956.1	1956.1	1956.1	1956.1	1956.1	1956.1	1956.1

TEST NUMBER: P1032223

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CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
0°	532.1	532.1	532.1	532.1
2.5°	518.4	521.6	528.0	533.5
5°	507.5	512.5	522.1	531.7
7.5°	494.3	502.0	514.3	527.6
10°	481.5	491.6	506.6	522.1
12.5°	468.8	479.3	495.2	515.3
15°	453.8	464.7	483.8	508.0
17.5°	440.5	455.1	472.4	496.6
20°	426.4	437.4	459.7	485.2
22.5°	408.7	426.9	447.8	474.7
25°	394.5	410.5	431.4	462.0
27.5°	377.2	395.9	421.4	448.3
30°	363.1	378.6	402.3	434.6
32.5°	346.7	364.9	389.5	421.4
35°	332.1	347.6	370.8	403.2
37.5°	314.8	331.7	357.6	386.3
40°	299.8	316.2	340.8	367.7
42.5°	281.5	298.9	323.5	346.2
45°	267.0	282.9	302.5	323.5
47.5°	249.2	266.1	285.2	299.8
50°	233.3	248.7	263.8	276.1
52.5°	215.9	230.1	243.7	252.8
55°	200.0	210.9	221.9	228.2
57.5°	181.3	191.8	200.9	204.6
60°	164.9	173.6	179.5	183.6
62.5°	147.6	154.0	158.5	160.8
65°	130.8	135.3	137.6	139.9
67.5°	113.4	117.5	118.9	121.6
70°	95.2	99.8	100.7	102.0
72.5°	81.5	81.5	83.4	85.2
75°	65.1	66.1	67.0	67.0
77.5°	51.0	51.0	51.9	52.4
80°	37.4	37.8	37.8	37.4
82.5°	25.5	26.4	25.5	25.1
85°	14.1	15.9	15.0	15.0
87.5°	5.9	5.9	6.8	5.9
90°	11.8	8.3	4.9	1.5
92.5°	52.2	50.2	48.1	46.1
95°	97.8	95.5	93.1	90.7
97.5°	154.1	152.4	150.7	149.0
100°	215.1	213.1	211.0	209.0
102.5°	281.2	280.1	279.1	278.1
105°	347.8	347.1	346.4	345.7
107.5°	426.7	426.3	426.0	425.6
110°	501.5	500.8	500.1	499.4

TEST NUMBER: P1032223

CATALOG NUMBER: S123RDIW-B340D1535UB35-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
112.5°	577.2	576.9	576.5	576.2
115°	656.1	655.1	654.0	653.0
117.5°	732.4	732.1	731.7	731.4
120°	809.7	807.7	805.6	803.6
122.5°	883.0	881.7	880.3	878.9
125°	958.8	957.8	956.7	955.7
127.5°	1032.5	1030.5	1028.4	1026.4
130°	1105.3	1102.6	1099.8	1097.1
132.5°	1176.0	1173.3	1170.5	1167.8
135°	1246.1	1244.1	1242.0	1240.0
137.5°	1311.2	1309.5	1307.8	1306.1
140°	1380.3	1378.6	1376.9	1375.2
142.5°	1443.3	1441.6	1439.9	1438.2
145°	1506.4	1505.7	1505.0	1504.3
147.5°	1565.3	1563.9	1562.6	1561.2
150°	1623.2	1622.5	1621.8	1621.1
152.5°	1673.4	1672.3	1671.3	1670.3
155°	1722.5	1722.5	1722.5	1722.5
157.5°	1766.0	1766.4	1766.7	1767.1
160°	1806.5	1807.2	1807.8	1808.5
162.5°	1842.3	1843.4	1844.4	1845.4
165°	1873.1	1874.1	1875.2	1876.2
167.5°	1898.2	1899.5	1900.9	1902.3
170°	1919.7	1921.0	1922.4	1923.8
172.5°	1936.6	1937.9	1939.3	1940.7
175°	1947.3	1948.7	1950.0	1951.4
177.5°	1953.5	1954.8	1956.2	1957.6
180°	1956.1	1956.1	1956.1	1956.1

(END OF REPORT)