

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: P1032229

Luminaire Tested: S123RDIW-B340D1535UB50-4F0-XX-W2A-A1

Issue Date: 5/6/2025

Test Information

Test Method: LM-79-2019
Report Number: P1032229
REPORT IS A COMBINATION OF REPORTS P994286 AND P1007351
Test Lab: INNOVATION CENTER
Issue Date: 5/6/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: NEO-RAY
Catalog Number: S123RDIW-B340D1535UB50-4F0-XX-W2A-A1
Description: Define 3 Regressed Direct/Indirect Wall Mount with 5000K BioUP LEDs {m-DER=1.015}
{m-EER=1.115}
Light Source: -
Ballast/Driver: -

Summary

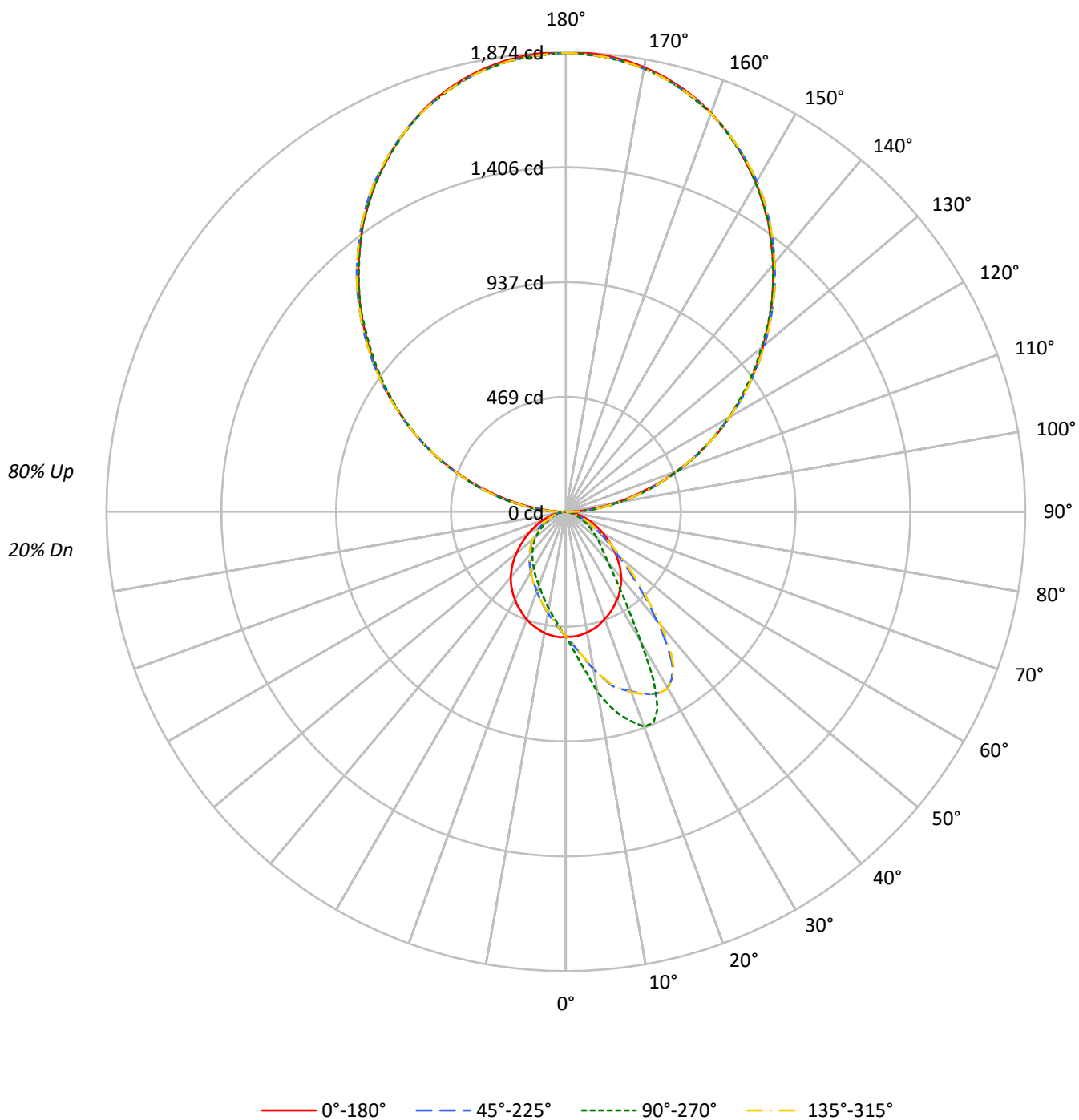
Lumens per Lamp: N/A
Luminaire Lumens: 6461.0 lumens
Efficiency: N/A
Efficacy: 99.1 lumens/watt
Spacing Criteria (0/90/45): 1.22 / 1.2 / 1.34
Luminous Opening: Rectangular w/ Sides (W: 0.25' x L: 4' x H: 0.1')
CIE Type: Semi-Indirect

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	22	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°	5481	5481	5481	5481
5°	5486	6313	5500	4683
10°	5437	7621	5461	4091
15°	5381	8649	5381	3607
20°	5270	9329	5300	3200
25°	5190	8864	5180	2920
30°	5096	6141	5086	2645
35°	4982	3943	4960	2439
40°	4842	2784	4818	2233
45°	4596	2228	4591	2033
50°	4296	1864	4282	1800
55°	3957	1536	3926	1525
60°	3625	1269	3590	1297
65°	3234	1016	3256	1100
70°	2877	706	2954	889
75°	2438	524	2537	684
80°	1944	347	2106	512
85°	1383	164	1508	319

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 30°

Vertical Angle: 45°

Luminance: 7318 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	50.0	0.8
10°-20°	156.5	2.4
20°-30°	246.6	3.8
30°-40°	256.4	4.0
40°-50°	219.3	3.4
50°-60°	167.2	2.6
60°-70°	107.1	1.7
70°-80°	51.3	0.8
80°-90°	17.5	0.3
90°-100°	120.6	1.9
100°-110°	364.9	5.6
110°-120°	621.2	9.6
120°-130°	817.2	12.6
130°-140°	918.6	14.2
140°-150°	903.0	14.0
150°-160°	760.3	11.8
160°-170°	506.1	7.8
170°-180°	177.2	2.7
0°-30°	453.1	7.0
0°-40°	709.5	11.0
0°-60°	1096.0	17.0
0°-90°	1272.0	19.7
90°-120°	1106.6	17.1
90°-150°	3745.4	58.0
90°-180°	5189.0	80.3
0°-180°	6461.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	509	509	509	509	509	
5°	509	605	510	449	509	48
15°	486	859	486	358	486	137
25°	442	886	441	292	442	204
35°	386	384	384	238	386	241
45°	310	205	309	187	310	238
55°	218	129	217	128	218	196
65°	134	74	135	80	134	134
75°	64	31	67	41	64	69
85°	14	7	16	14	14	16
90°	2	44	2	44	2	7
95°	87	115	87	115	87	96
105°	331	350	331	350	331	354
115°	625	627	625	627	625	619
125°	915	905	915	905	915	816
135°	1187	1186	1187	1186	1187	915
145°	1440	1440	1440	1440	1440	900
155°	1649	1646	1649	1646	1649	759
165°	1796	1790	1796	1790	1796	507
175°	1868	1861	1868	1861	1868	178
180°	1873	1873	1873	1873	1873	

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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	509.2	509.2	509.2	509.2	509.2	509.2	509.2	509.2	509.2	509.2	509.2
2.5°	510.5	514.0	516.6	518.4	522.7	525.4	527.5	531.5	531.5	532.3	534.1
5°	508.8	516.2	521.4	528.4	537.6	541.9	548.0	553.3	560.7	564.6	568.5
7.5°	504.9	515.3	526.2	536.7	550.2	558.9	565.0	578.5	588.1	599.9	609.1
10°	499.6	514.0	528.0	544.1	562.4	575.5	584.7	602.5	620.8	637.4	651.4
12.5°	493.1	510.5	530.6	550.2	575.9	589.0	603.8	626.1	652.2	673.2	691.9
15°	486.1	506.2	528.8	552.8	585.1	603.4	624.8	651.8	681.0	711.1	736.8
17.5°	475.2	500.5	525.8	560.7	598.6	609.5	627.8	664.9	701.1	728.1	759.5
20°	464.3	492.7	524.5	555.9	596.9	622.1	639.1	678.4	717.2	749.9	780.0
22.5°	454.3	483.9	517.1	556.7	595.1	620.4	641.8	682.7	727.7	764.3	801.3
25°	442.1	474.3	511.0	548.5	595.1	614.3	637.8	685.4	732.9	775.2	821.0
27.5°	429.0	461.7	497.9	536.3	579.0	607.3	630.4	681.4	739.4	784.8	831.9
30°	415.9	449.5	484.4	518.8	566.8	593.8	620.4	676.6	742.9	794.8	831.0
32.5°	403.3	431.6	466.1	499.6	547.2	576.8	606.9	671.8	744.2	787.8	805.3
35°	385.8	415.5	443.4	479.1	527.1	556.3	591.6	671.4	738.6	765.6	756.9
37.5°	369.7	394.6	421.2	453.0	502.2	540.2	576.8	660.1	719.8	721.5	672.3
40°	351.8	372.3	394.6	428.1	481.3	518.8	558.5	642.6	685.8	660.1	573.3
42.5°	331.3	349.7	367.1	399.8	457.8	499.6	542.4	620.8	636.5	577.2	487.0
45°	309.5	324.4	340.5	374.9	432.9	474.3	517.1	587.3	571.1	487.4	401.5
47.5°	286.9	299.5	315.2	346.6	406.3	448.6	489.2	539.3	498.3	408.5	336.6
50°	264.2	274.2	289.5	321.8	379.3	417.7	455.2	487.9	430.3	350.5	278.2
52.5°	242.0	249.8	265.5	293.0	348.8	385.4	412.4	425.1	366.7	289.5	241.5
55°	218.4	227.1	237.6	265.5	320.9	347.9	365.8	365.4	305.2	245.5	199.7
57.5°	195.8	203.6	212.8	240.7	285.6	303.9	319.1	311.7	254.6	201.0	171.3
60°	175.7	180.1	190.1	213.6	247.6	263.3	272.1	259.4	208.0	169.6	141.7
62.5°	153.9	158.3	166.5	188.8	209.7	218.0	225.4	209.3	171.8	138.2	121.2
65°	133.8	139.5	144.7	162.6	174.0	184.0	183.1	169.6	134.3	112.5	98.5
67.5°	116.4	118.6	122.9	133.8	139.1	146.5	146.9	131.7	108.1	91.6	83.3
70°	97.7	99.8	102.9	108.1	111.6	113.4	112.5	99.0	81.5	71.5	64.1
72.5°	81.5	81.1	83.3	83.3	86.8	86.3	83.7	73.2	61.9	53.6	49.3
75°	64.1	64.5	65.0	64.1	62.8	61.0	58.9	51.0	43.6	39.7	35.8
77.5°	50.1	49.3	49.7	46.6	44.9	43.2	40.1	36.2	30.1	29.2	27.5
80°	35.8	35.3	34.9	33.6	29.6	27.9	25.7	23.5	22.2	21.4	20.9
82.5°	24.0	24.0	23.1	20.5	18.3	17.0	16.6	15.7	14.4	14.4	14.0
85°	14.4	14.0	13.1	10.5	9.2	9.2	9.2	9.2	8.3	8.3	7.8
87.5°	5.7	5.2	3.9	3.9	3.5	3.5	3.5	3.1	3.1	2.6	2.6
90°	1.5	4.8	8.0	11.3	14.6	16.2	18.3	22.6	26.8	31.1	35.3
92.5°	44.1	46.1	48.1	50.0	52.0	53.0	54.0	55.9	57.9	59.8	61.8
95°	86.8	89.1	91.4	93.7	96.0	97.1	98.4	101.0	103.7	106.3	108.9
97.5°	142.7	144.3	146.0	147.6	149.3	150.1	151.1	153.0	155.0	156.9	158.9
100°	200.1	202.1	204.0	206.0	207.9	208.9	209.7	211.4	213.0	214.7	216.3
102.5°	266.3	267.3	268.3	269.2	270.2	270.7	271.8	274.1	276.4	278.7	281.0
105°	331.0	331.6	332.3	332.9	333.6	333.9	335.4	338.3	341.3	344.2	347.2
107.5°	407.5	407.8	408.2	408.5	408.8	409.0	409.7	411.0	412.3	413.6	414.9
110°	478.1	478.8	479.4	480.1	480.8	481.1	481.4	482.1	482.7	483.4	484.0

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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	551.7	552.0	552.3	552.6	552.9	553.1	553.1	553.1	553.1	553.1	553.1
115°	625.2	626.2	627.2	628.1	629.1	629.6	629.3	628.6	628.0	627.3	626.7
117.5°	700.3	700.6	700.9	701.2	701.5	701.7	701.4	700.7	700.1	699.4	698.8
120°	769.4	771.4	773.3	775.3	777.2	778.2	777.4	775.8	774.1	772.5	770.9
122.5°	841.5	842.8	844.1	845.4	846.7	847.4	847.1	846.4	845.7	845.1	844.4
125°	915.0	916.0	917.0	918.0	919.0	919.5	919.2	918.5	917.8	917.2	916.5
127.5°	982.7	984.7	986.6	988.6	990.5	991.5	991.2	990.5	989.9	989.2	988.6
130°	1050.4	1053.0	1055.6	1058.3	1060.9	1062.2	1061.7	1060.7	1059.7	1058.7	1057.7
132.5°	1118.1	1120.7	1123.3	1125.9	1128.5	1129.8	1129.5	1128.8	1128.2	1127.5	1126.9
135°	1187.2	1189.2	1191.1	1193.1	1195.0	1196.0	1195.8	1195.5	1195.2	1194.9	1194.6
137.5°	1250.5	1252.1	1253.7	1255.4	1257.0	1257.8	1258.3	1259.3	1260.2	1261.2	1262.2
140°	1316.7	1318.3	1319.9	1321.6	1323.2	1324.0	1324.2	1324.5	1324.8	1325.2	1325.5
142.5°	1377.0	1378.6	1380.2	1381.9	1383.5	1384.3	1384.6	1385.3	1386.0	1386.6	1387.3
145°	1440.2	1440.9	1441.5	1442.2	1442.9	1443.2	1443.7	1444.7	1445.6	1446.6	1447.6
147.5°	1494.7	1496.0	1497.3	1498.6	1499.9	1500.6	1501.1	1502.1	1503.0	1504.0	1505.0
150°	1552.0	1552.7	1553.3	1554.0	1554.7	1555.0	1555.3	1556.0	1556.6	1557.3	1557.9
152.5°	1599.1	1600.1	1601.1	1602.0	1603.0	1603.5	1603.7	1604.0	1604.3	1604.7	1605.0
155°	1649.1	1649.1	1649.1	1649.1	1649.1	1649.1	1649.3	1649.6	1649.9	1650.3	1650.6
157.5°	1691.8	1691.5	1691.1	1690.8	1690.5	1690.3	1690.5	1690.8	1691.1	1691.5	1691.8
160°	1731.5	1730.9	1730.2	1729.6	1728.9	1728.6	1728.6	1728.6	1728.6	1728.6	1728.6
162.5°	1766.8	1765.8	1764.8	1763.9	1762.9	1762.4	1762.6	1762.9	1763.2	1763.6	1763.9
165°	1796.2	1795.2	1794.2	1793.3	1792.3	1791.8	1791.8	1791.8	1791.8	1791.8	1791.8
167.5°	1821.3	1820.0	1818.7	1817.4	1816.1	1815.4	1815.6	1815.9	1816.2	1816.5	1816.8
170°	1841.9	1840.6	1839.3	1838.0	1836.7	1836.0	1836.0	1836.0	1836.0	1836.0	1836.0
172.5°	1858.0	1856.7	1855.4	1854.1	1852.8	1852.2	1852.2	1852.2	1852.2	1852.2	1852.2
175°	1868.3	1867.0	1865.7	1864.4	1863.1	1862.4	1862.4	1862.4	1862.4	1862.4	1862.4
177.5°	1874.2	1872.9	1871.6	1870.3	1869.0	1868.3	1868.3	1868.3	1868.3	1868.3	1868.3
180°	1872.7	1872.7	1872.7	1872.7	1872.7	1872.7	1872.7	1872.7	1872.7	1872.7	1872.7

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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	509.2	509.2	509.2	509.2	509.2	509.2	509.2	509.2	509.2	509.2	509.2
2.5°	537.6	537.6	541.5	545.4	543.2	544.5	549.3	547.6	551.1	550.6	552.0
5°	578.1	582.9	586.8	595.1	596.4	595.1	603.4	605.6	609.5	604.7	606.9
7.5°	623.9	633.9	643.5	655.7	659.6	660.5	664.9	671.0	676.2	666.6	671.4
10°	668.4	683.6	703.2	714.1	723.7	727.2	730.7	734.6	740.7	746.4	742.0
12.5°	716.3	738.6	757.3	776.9	788.7	787.4	797.4	800.0	804.8	806.1	807.9
15°	755.6	786.9	798.7	827.9	830.5	839.3	850.6	860.6	861.9	859.3	859.3
17.5°	793.0	820.1	841.0	864.6	869.3	876.8	891.1	895.9	897.7	897.2	897.2
20°	823.6	841.4	876.8	896.4	904.2	913.8	923.8	929.9	931.3	933.0	930.4
22.5°	843.6	870.7	899.4	915.6	922.1	925.6	932.1	933.9	931.7	932.1	932.6
25°	859.3	885.9	903.4	907.7	907.3	902.9	898.1	889.8	889.0	885.5	878.5
27.5°	863.7	873.7	871.5	853.7	835.8	834.0	805.3	789.6	771.7	774.3	764.3
30°	840.1	827.1	796.1	750.8	732.0	701.5	669.2	635.7	622.6	608.2	634.8
32.5°	782.6	735.9	681.0	622.1	590.8	563.7	529.3	504.9	490.9	479.1	501.8
35°	695.8	623.0	550.2	494.4	468.7	444.3	412.0	399.8	382.4	384.1	386.3
37.5°	584.2	504.0	449.1	394.1	377.1	367.1	343.6	324.8	318.7	317.0	317.0
40°	479.6	413.7	364.9	321.8	308.7	300.4	281.6	272.9	266.4	264.6	266.8
42.5°	396.7	340.5	302.6	273.8	264.6	254.2	246.3	235.4	234.1	231.1	235.0
45°	333.1	284.3	255.9	235.0	227.1	223.2	214.5	208.0	205.3	204.9	208.0
47.5°	282.5	244.6	219.7	206.7	200.6	196.6	189.2	186.6	184.0	184.9	183.5
50°	237.2	208.8	192.7	180.9	177.0	173.1	168.3	165.7	164.4	164.4	163.9
52.5°	203.6	180.1	169.6	158.7	157.0	154.8	149.5	147.8	145.6	145.2	146.9
55°	174.4	158.3	147.8	141.3	139.5	135.2	133.0	130.8	129.5	128.6	129.1
57.5°	149.1	136.9	129.9	124.3	121.2	119.5	115.5	115.1	114.2	114.2	113.8
60°	128.2	119.5	111.2	107.7	105.5	103.3	102.9	100.3	99.0	99.8	99.4
62.5°	108.6	101.6	96.8	92.9	91.6	89.8	88.5	87.6	86.3	86.8	86.8
65°	90.7	85.0	81.5	78.0	77.6	75.9	75.4	74.6	74.6	74.1	75.0
67.5°	74.6	70.6	67.6	65.4	64.1	64.5	62.8	61.5	61.5	61.0	62.3
70°	59.3	57.1	54.1	51.4	49.7	49.7	47.5	47.1	47.1	47.1	46.6
72.5°	45.8	41.9	40.5	39.7	39.7	39.7	38.8	38.8	38.4	38.8	38.4
75°	34.0	33.6	32.7	32.3	32.3	31.8	31.4	31.4	31.4	31.4	31.4
77.5°	26.6	26.6	25.7	25.3	25.3	25.3	24.9	24.9	24.4	24.4	24.4
80°	19.6	19.6	18.7	18.7	18.7	18.3	18.3	18.3	18.7	18.3	18.3
82.5°	13.5	13.5	13.1	13.5	13.1	12.6	12.6	12.6	12.2	12.6	12.6
85°	7.8	7.8	7.4	7.0	7.4	7.4	7.0	7.4	7.0	7.4	7.0
87.5°	3.1	2.6	2.6	2.6	2.2	2.6	2.2	2.2	2.6	2.2	2.6
90°	36.6	37.9	39.2	40.5	41.2	41.5	42.2	42.8	43.5	44.1	43.5
92.5°	62.8	63.8	64.7	65.7	66.2	65.9	65.2	64.6	63.9	63.3	63.9
95°	110.2	111.5	112.8	114.1	114.7	114.7	114.7	114.7	114.7	114.7	114.7
97.5°	160.5	162.1	163.8	165.4	166.2	166.0	165.7	165.4	165.1	164.8	165.1
100°	217.3	218.3	219.2	220.2	220.7	221.0	221.7	222.3	223.0	223.6	223.0
102.5°	282.0	283.0	283.9	284.9	285.4	285.2	284.9	284.6	284.2	283.9	284.2
105°	347.2	347.2	347.2	347.2	347.2	347.5	348.2	348.8	349.5	350.1	349.5
107.5°	415.9	416.9	417.8	418.8	419.3	419.1	418.8	418.5	418.1	417.8	418.1
110°	485.3	486.6	487.9	489.2	489.9	489.6	488.9	488.2	487.6	486.9	487.6

TEST NUMBER: P1032229

CATALOG NUMBER: S123RDIW-B340D1535UB50-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	554.7	556.4	558.0	559.7	560.5	560.5	560.5	560.5	560.5	560.5	560.5
115°	627.0	627.4	627.7	628.0	628.2	628.0	627.7	627.4	627.0	626.7	627.0
117.5°	698.8	698.8	698.8	698.8	698.8	698.3	697.3	696.4	695.4	694.4	695.4
120°	770.6	770.2	769.9	769.6	769.4	769.1	768.4	767.8	767.1	766.5	767.1
122.5°	843.4	842.4	841.5	840.5	840.0	839.5	838.5	837.6	836.6	835.6	836.6
125°	915.2	913.9	912.6	911.3	910.6	909.9	908.6	907.3	906.0	904.7	906.0
127.5°	986.6	984.7	982.7	980.8	979.8	979.1	977.8	976.5	975.2	973.9	975.2
130°	1056.4	1055.1	1053.8	1052.5	1051.9	1050.8	1048.5	1046.2	1043.9	1041.6	1043.9
132.5°	1125.3	1123.6	1122.0	1120.3	1119.5	1118.7	1117.1	1115.4	1113.8	1112.2	1113.8
135°	1193.3	1192.0	1190.7	1189.4	1188.7	1188.4	1187.7	1187.0	1186.4	1185.7	1186.4
137.5°	1260.6	1259.0	1257.3	1255.7	1254.9	1254.4	1253.4	1252.5	1251.5	1250.5	1251.5
140°	1325.2	1324.8	1324.5	1324.2	1324.0	1322.9	1320.6	1318.3	1316.0	1313.7	1316.0
142.5°	1387.0	1386.6	1386.3	1386.0	1385.8	1385.0	1383.3	1381.7	1380.0	1378.4	1380.0
145°	1447.3	1446.9	1446.6	1446.3	1446.1	1445.4	1444.1	1442.8	1441.5	1440.2	1441.5
147.5°	1505.0	1505.0	1505.0	1505.0	1505.0	1504.0	1502.0	1500.1	1498.1	1496.1	1498.1
150°	1557.9	1557.9	1557.9	1557.9	1557.9	1556.9	1555.0	1553.0	1551.1	1549.1	1551.1
152.5°	1605.6	1606.3	1606.9	1607.6	1607.9	1607.1	1605.5	1603.8	1602.2	1600.6	1602.2
155°	1651.9	1653.2	1654.5	1655.8	1656.5	1655.4	1653.1	1650.8	1648.5	1646.2	1648.5
157.5°	1693.1	1694.4	1695.7	1697.0	1697.7	1696.7	1694.8	1692.8	1690.9	1688.9	1690.9
160°	1730.2	1731.8	1733.5	1735.1	1735.9	1735.2	1733.9	1732.6	1731.3	1730.0	1731.3
162.5°	1765.5	1767.1	1768.8	1770.4	1771.2	1770.1	1767.8	1765.5	1763.2	1760.9	1763.2
165°	1793.8	1795.8	1797.7	1799.7	1800.7	1799.6	1797.3	1795.0	1792.7	1790.4	1792.7
167.5°	1818.8	1820.8	1822.7	1824.7	1825.7	1824.7	1822.7	1820.8	1818.8	1816.8	1818.8
170°	1838.3	1840.6	1842.9	1845.2	1846.3	1845.2	1842.9	1840.6	1838.3	1836.0	1838.3
172.5°	1854.2	1856.1	1858.1	1860.0	1861.0	1859.9	1857.6	1855.3	1853.0	1850.7	1853.0
175°	1864.4	1866.4	1868.3	1870.3	1871.3	1870.2	1867.9	1865.6	1863.3	1861.0	1863.3
177.5°	1870.3	1872.3	1874.2	1876.2	1877.2	1876.1	1873.8	1871.5	1869.2	1866.9	1869.2
180°	1872.7	1872.7	1872.7	1872.7	1872.7	1872.7	1872.7	1872.7	1872.7	1872.7	1872.7

TEST NUMBER: P1032229

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CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	509.2	509.2	509.2	509.2	509.2	509.2	509.2	509.2	509.2	509.2	509.2
2.5°	549.8	547.2	545.4	544.1	542.8	546.7	541.5	535.8	531.9	529.3	528.4
5°	607.3	601.7	596.9	592.9	593.8	593.8	584.7	574.6	565.9	561.1	555.9
7.5°	674.0	667.9	658.3	656.2	654.4	643.5	634.4	616.0	605.1	594.2	584.7
10°	740.3	732.4	723.3	720.2	715.9	702.4	688.4	664.9	651.4	631.3	618.7
12.5°	802.2	792.6	783.5	781.3	774.7	763.0	739.0	714.6	691.5	670.1	647.9
15°	854.1	851.5	837.5	828.8	814.4	798.3	793.0	759.9	730.7	708.5	668.4
17.5°	897.7	885.5	872.4	866.7	861.1	842.3	823.6	789.6	758.2	725.5	699.7
20°	932.6	919.0	909.9	901.6	899.0	877.6	848.0	817.9	783.5	746.8	713.3
22.5°	934.3	932.6	926.5	921.7	916.4	902.5	878.9	841.4	804.8	764.7	720.7
25°	898.1	895.5	912.9	908.6	912.1	906.8	894.2	862.8	820.1	773.0	728.5
27.5°	789.1	815.7	843.2	852.8	859.3	878.1	884.2	866.7	832.3	782.1	732.4
30°	640.9	676.2	720.7	744.7	763.0	797.8	843.2	848.9	832.7	792.6	731.6
32.5°	503.1	535.4	571.1	599.5	623.9	695.4	756.4	800.5	808.3	787.4	733.8
35°	405.5	419.4	453.4	480.5	513.6	574.6	646.6	717.6	765.6	768.2	727.2
37.5°	334.4	341.8	371.5	386.7	406.3	460.0	527.1	620.0	694.5	729.8	708.9
40°	276.8	293.9	310.9	319.6	333.5	370.6	435.1	507.9	600.3	665.7	680.6
42.5°	240.2	247.6	258.5	270.7	279.5	311.7	354.9	421.6	504.9	596.0	637.0
45°	211.9	214.5	225.8	233.7	242.8	265.5	296.0	351.8	425.1	514.9	584.7
47.5°	188.3	193.6	199.7	204.5	210.6	228.0	254.2	294.7	359.2	439.5	514.5
50°	167.4	170.5	178.3	180.5	184.9	197.1	217.1	248.1	301.3	365.4	443.0
52.5°	147.8	153.5	156.5	159.6	163.5	173.5	186.6	211.9	252.0	312.2	378.0
55°	132.5	134.3	138.6	141.3	144.3	151.3	162.6	181.4	212.8	260.7	323.1
57.5°	117.7	117.7	122.1	124.3	127.3	132.5	142.6	157.0	179.6	215.4	272.5
60°	102.0	102.5	105.9	108.6	109.4	114.7	122.9	134.3	151.7	177.9	224.5
62.5°	88.1	90.2	92.0	92.9	95.9	99.0	105.9	113.8	126.0	149.1	182.2
65°	76.3	76.7	78.0	78.9	80.2	83.7	88.9	94.2	104.6	121.6	148.7
67.5°	62.8	64.5	66.3	66.3	67.6	69.3	74.6	78.9	86.8	96.8	115.1
70°	47.1	48.0	50.6	51.9	53.6	56.7	59.3	61.9	68.0	75.4	89.4
72.5°	39.2	39.2	40.1	40.5	40.5	42.7	46.6	49.3	52.3	57.5	67.1
75°	31.4	31.4	32.7	32.3	33.1	34.0	34.4	36.2	37.9	41.9	47.5
77.5°	24.9	25.3	25.3	25.7	25.7	26.2	26.6	27.5	28.3	30.5	33.1
80°	18.3	18.7	18.7	19.2	19.2	19.6	20.1	20.5	21.4	22.2	23.5
82.5°	12.6	13.1	13.1	13.5	13.1	13.5	14.0	14.0	14.4	15.3	15.7
85°	7.4	7.4	7.8	7.4	7.4	7.4	7.8	7.8	8.3	9.6	9.6
87.5°	2.2	2.6	2.2	2.6	2.6	2.6	2.6	3.1	3.1	3.5	3.9
90°	42.8	42.2	41.5	41.2	40.5	39.2	37.9	36.6	35.3	31.1	26.8
92.5°	64.6	65.2	65.9	66.2	65.7	64.7	63.8	62.8	61.8	59.8	57.9
95°	114.7	114.7	114.7	114.7	114.1	112.8	111.5	110.2	108.9	106.3	103.7
97.5°	165.4	165.7	166.0	166.2	165.4	163.8	162.1	160.5	158.9	156.9	155.0
100°	222.3	221.7	221.0	220.7	220.2	219.2	218.3	217.3	216.3	214.7	213.0
102.5°	284.6	284.9	285.2	285.4	284.9	283.9	283.0	282.0	281.0	278.7	276.4
105°	348.8	348.2	347.5	347.2	347.2	347.2	347.2	347.2	347.2	344.2	341.3
107.5°	418.5	418.8	419.1	419.3	418.8	417.8	416.9	415.9	414.9	413.6	412.3
110°	488.2	488.9	489.6	489.9	489.2	487.9	486.6	485.3	484.0	483.4	482.7

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CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	560.5	560.5	560.5	560.5	559.7	558.0	556.4	554.7	553.1	553.1	553.1
115°	627.4	627.7	628.0	628.2	628.0	627.7	627.4	627.0	626.7	627.3	628.0
117.5°	696.4	697.3	698.3	698.8	698.8	698.8	698.8	698.8	698.8	699.4	700.1
120°	767.8	768.4	769.1	769.4	769.6	769.9	770.2	770.6	770.9	772.5	774.1
122.5°	837.6	838.5	839.5	840.0	840.5	841.5	842.4	843.4	844.4	845.1	845.7
125°	907.3	908.6	909.9	910.6	911.3	912.6	913.9	915.2	916.5	917.2	917.8
127.5°	976.5	977.8	979.1	979.8	980.8	982.7	984.7	986.6	988.6	989.2	989.9
130°	1046.2	1048.5	1050.8	1051.9	1052.5	1053.8	1055.1	1056.4	1057.7	1058.7	1059.7
132.5°	1115.4	1117.1	1118.7	1119.5	1120.3	1122.0	1123.6	1125.3	1126.9	1127.5	1128.2
135°	1187.0	1187.7	1188.4	1188.7	1189.4	1190.7	1192.0	1193.3	1194.6	1194.9	1195.2
137.5°	1252.5	1253.4	1254.4	1254.9	1255.7	1257.3	1259.0	1260.6	1262.2	1261.2	1260.2
140°	1318.3	1320.6	1322.9	1324.0	1324.2	1324.5	1324.8	1325.2	1325.5	1325.2	1324.8
142.5°	1381.7	1383.3	1385.0	1385.8	1386.0	1386.3	1386.6	1387.0	1387.3	1386.6	1386.0
145°	1442.8	1444.1	1445.4	1446.1	1446.3	1446.6	1446.9	1447.3	1447.6	1446.6	1445.6
147.5°	1500.1	1502.0	1504.0	1505.0	1505.0	1505.0	1505.0	1505.0	1505.0	1504.0	1503.0
150°	1553.0	1555.0	1556.9	1557.9	1557.9	1557.9	1557.9	1557.9	1557.9	1557.3	1556.6
152.5°	1603.8	1605.5	1607.1	1607.9	1607.6	1606.9	1606.3	1605.6	1605.0	1604.7	1604.3
155°	1650.8	1653.1	1655.4	1656.5	1655.8	1654.5	1653.2	1651.9	1650.6	1650.3	1649.9
157.5°	1692.8	1694.8	1696.7	1697.7	1697.0	1695.7	1694.4	1693.1	1691.8	1691.5	1691.1
160°	1732.6	1733.9	1735.2	1735.9	1735.1	1733.5	1731.8	1730.2	1728.6	1728.6	1728.6
162.5°	1765.5	1767.8	1770.1	1771.2	1770.4	1768.8	1767.1	1765.5	1763.9	1763.6	1763.2
165°	1795.0	1797.3	1799.6	1800.7	1799.7	1797.7	1795.8	1793.8	1791.8	1791.8	1791.8
167.5°	1820.8	1822.7	1824.7	1825.7	1824.7	1822.7	1820.8	1818.8	1816.8	1816.5	1816.2
170°	1840.6	1842.9	1845.2	1846.3	1845.2	1842.9	1840.6	1838.3	1836.0	1836.0	1836.0
172.5°	1855.3	1857.6	1859.9	1861.0	1860.0	1858.1	1856.1	1854.2	1852.2	1852.2	1852.2
175°	1865.6	1867.9	1870.2	1871.3	1870.3	1868.3	1866.4	1864.4	1862.4	1862.4	1862.4
177.5°	1871.5	1873.8	1876.1	1877.2	1876.2	1874.2	1872.3	1870.3	1868.3	1868.3	1868.3
180°	1872.7	1872.7	1872.7	1872.7	1872.7	1872.7	1872.7	1872.7	1872.7	1872.7	1872.7

TEST NUMBER: P1032229

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CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
0°	509.2	509.2	509.2	509.2	509.2	509.2	509.2	509.2	509.2	509.2	509.2
2.5°	527.1	524.9	522.7	522.7	517.9	513.6	511.4	512.3	509.7	506.2	502.7
5°	550.2	541.5	539.7	534.9	528.4	519.3	514.5	510.1	504.9	497.9	491.4
7.5°	571.6	560.2	554.1	549.3	536.7	524.0	513.6	506.6	497.5	487.0	479.1
10°	599.5	578.5	572.0	561.1	543.2	525.4	513.1	501.8	489.2	477.0	466.5
12.5°	621.7	597.7	585.5	574.6	551.5	528.8	508.4	494.4	479.1	465.6	452.1
15°	647.0	620.0	598.6	585.5	556.3	528.8	505.7	486.1	469.1	452.5	440.8
17.5°	659.2	625.2	615.6	596.9	554.6	527.1	498.8	477.8	457.3	438.2	424.2
20°	678.4	638.7	614.7	602.1	564.6	524.0	490.9	466.9	445.6	425.1	410.3
22.5°	679.7	636.5	620.8	596.9	550.6	514.9	483.9	454.7	429.9	410.7	395.4
25°	676.6	632.6	610.8	591.6	553.3	509.7	470.0	441.2	416.8	394.6	376.7
27.5°	675.3	621.3	600.8	581.6	538.4	494.4	461.7	429.0	401.1	381.5	363.2
30°	673.6	609.1	584.2	562.0	522.3	482.6	443.4	415.1	388.5	363.6	345.3
32.5°	662.3	592.5	567.2	543.7	500.9	461.3	430.3	400.2	371.5	348.3	331.8
35°	658.8	577.2	544.1	518.8	477.0	441.6	409.0	384.1	357.1	334.0	314.3
37.5°	648.7	561.5	525.8	493.5	449.9	416.4	392.4	367.5	341.4	316.5	300.8
40°	631.3	543.2	502.7	469.6	424.6	390.6	368.4	350.1	324.4	302.1	283.0
42.5°	605.6	524.5	480.9	446.0	396.3	364.5	346.2	328.7	306.9	283.8	268.1
45°	575.9	499.6	459.1	420.3	369.7	338.8	319.6	309.1	289.1	269.4	251.1
47.5°	535.4	473.9	433.8	393.7	342.2	312.2	296.9	286.4	272.5	251.1	236.3
50°	484.4	440.8	402.8	367.1	315.2	286.4	271.2	263.3	251.6	236.3	221.9
52.5°	427.7	402.4	371.0	337.9	287.7	260.7	246.8	240.7	231.9	217.6	205.3
55°	370.6	359.7	338.3	305.6	259.0	236.7	224.5	216.7	210.1	199.7	189.2
57.5°	319.6	314.3	299.5	274.2	235.0	211.9	201.4	196.2	191.0	183.1	172.6
60°	266.8	272.5	257.2	244.6	208.8	188.8	179.6	174.0	171.3	164.4	157.8
62.5°	221.0	226.3	217.6	208.0	182.7	164.8	159.1	153.9	152.2	146.1	139.5
65°	179.6	186.2	179.6	174.4	159.1	144.3	137.3	134.7	133.0	129.1	123.8
67.5°	143.0	149.5	146.5	139.9	135.2	122.9	119.0	116.4	115.5	112.5	108.1
70°	107.7	116.8	117.7	113.8	109.4	103.8	101.1	100.3	98.1	95.5	92.9
72.5°	77.6	88.1	88.5	88.5	85.9	85.9	83.3	82.0	82.0	79.3	76.3
75°	57.1	64.1	65.0	65.8	67.1	68.4	66.7	66.7	66.3	63.7	62.3
77.5°	37.9	44.0	46.2	49.3	51.0	51.0	51.9	52.8	51.9	50.6	49.7
80°	24.4	28.8	31.4	33.1	35.8	37.1	38.4	38.8	37.9	37.5	36.2
82.5°	16.1	17.4	18.7	20.9	24.0	26.2	26.2	25.7	26.6	26.2	25.7
85°	9.2	10.0	10.5	10.9	12.6	14.8	15.3	15.7	16.6	15.7	14.8
87.5°	3.5	3.9	3.9	3.9	4.8	5.2	6.5	8.3	7.8	7.0	7.0
90°	22.6	18.3	16.2	14.6	11.3	8.0	4.8	1.5	4.8	8.0	11.3
92.5°	55.9	54.0	53.0	52.0	50.0	48.1	46.1	44.1	46.1	48.1	50.0
95°	101.0	98.4	97.1	96.0	93.7	91.4	89.1	86.8	89.1	91.4	93.7
97.5°	153.0	151.1	150.1	149.3	147.6	146.0	144.3	142.7	144.3	146.0	147.6
100°	211.4	209.7	208.9	207.9	206.0	204.0	202.1	200.1	202.1	204.0	206.0
102.5°	274.1	271.8	270.7	270.2	269.2	268.3	267.3	266.3	267.3	268.3	269.2
105°	338.3	335.4	333.9	333.6	332.9	332.3	331.6	331.0	331.6	332.3	332.9
107.5°	411.0	409.7	409.0	408.8	408.5	408.2	407.8	407.5	407.8	408.2	408.5
110°	482.1	481.4	481.1	480.8	480.1	479.4	478.8	478.1	478.8	479.4	480.1

TEST NUMBER: P1032229

CATALOG NUMBER: S123RDIW-B340D1535UB50-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
112.5°	553.1	553.1	553.1	552.9	552.6	552.3	552.0	551.7	552.0	552.3	552.6
115°	628.6	629.3	629.6	629.1	628.1	627.2	626.2	625.2	626.2	627.2	628.1
117.5°	700.7	701.4	701.7	701.5	701.2	700.9	700.6	700.3	700.6	700.9	701.2
120°	775.8	777.4	778.2	777.2	775.3	773.3	771.4	769.4	771.4	773.3	775.3
122.5°	846.4	847.1	847.4	846.7	845.4	844.1	842.8	841.5	842.8	844.1	845.4
125°	918.5	919.2	919.5	919.0	918.0	917.0	916.0	915.0	916.0	917.0	918.0
127.5°	990.5	991.2	991.5	990.5	988.6	986.6	984.7	982.7	984.7	986.6	988.6
130°	1060.7	1061.7	1062.2	1060.9	1058.3	1055.6	1053.0	1050.4	1053.0	1055.6	1058.3
132.5°	1128.8	1129.5	1129.8	1128.5	1125.9	1123.3	1120.7	1118.1	1120.7	1123.3	1125.9
135°	1195.5	1195.8	1196.0	1195.0	1193.1	1191.1	1189.2	1187.2	1189.2	1191.1	1193.1
137.5°	1259.3	1258.3	1257.8	1257.0	1255.4	1253.7	1252.1	1250.5	1252.1	1253.7	1255.4
140°	1324.5	1324.2	1324.0	1323.2	1321.6	1319.9	1318.3	1316.7	1318.3	1319.9	1321.6
142.5°	1385.3	1384.6	1384.3	1383.5	1381.9	1380.2	1378.6	1377.0	1378.6	1380.2	1381.9
145°	1444.7	1443.7	1443.2	1442.9	1442.2	1441.5	1440.9	1440.2	1440.9	1441.5	1442.2
147.5°	1502.1	1501.1	1500.6	1499.9	1498.6	1497.3	1496.0	1494.7	1496.0	1497.3	1498.6
150°	1556.0	1555.3	1555.0	1554.7	1554.0	1553.3	1552.7	1552.0	1552.7	1553.3	1554.0
152.5°	1604.0	1603.7	1603.5	1603.0	1602.0	1601.1	1600.1	1599.1	1600.1	1601.1	1602.0
155°	1649.6	1649.3	1649.1	1649.1	1649.1	1649.1	1649.1	1649.1	1649.1	1649.1	1649.1
157.5°	1690.8	1690.5	1690.3	1690.5	1690.8	1691.1	1691.5	1691.8	1691.5	1691.1	1690.8
160°	1728.6	1728.6	1728.6	1728.9	1729.6	1730.2	1730.9	1731.5	1730.9	1730.2	1729.6
162.5°	1762.9	1762.6	1762.4	1762.9	1763.9	1764.8	1765.8	1766.8	1765.8	1764.8	1763.9
165°	1791.8	1791.8	1791.8	1792.3	1793.3	1794.2	1795.2	1796.2	1795.2	1794.2	1793.3
167.5°	1815.9	1815.6	1815.4	1816.1	1817.4	1818.7	1820.0	1821.3	1820.0	1818.7	1817.4
170°	1836.0	1836.0	1836.0	1836.7	1838.0	1839.3	1840.6	1841.9	1840.6	1839.3	1838.0
172.5°	1852.2	1852.2	1852.2	1852.8	1854.1	1855.4	1856.7	1858.0	1856.7	1855.4	1854.1
175°	1862.4	1862.4	1862.4	1863.1	1864.4	1865.7	1867.0	1868.3	1867.0	1865.7	1864.4
177.5°	1868.3	1868.3	1868.3	1869.0	1870.3	1871.6	1872.9	1874.2	1872.9	1871.6	1870.3
180°	1872.7	1872.7	1872.7	1872.7	1872.7	1872.7	1872.7	1872.7	1872.7	1872.7	1872.7

TEST NUMBER: P1032229

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CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
0°	509.2	509.2	509.2	509.2	509.2	509.2	509.2	509.2	509.2	509.2	509.2
2.5°	502.7	500.5	499.6	497.5	492.2	488.7	484.8	482.2	482.6	480.5	481.8
5°	487.0	486.6	483.5	479.1	471.7	467.8	460.8	457.3	455.6	456.0	453.4
7.5°	473.9	470.0	467.8	460.8	453.9	445.6	439.9	436.9	434.2	431.6	429.9
10°	459.1	455.6	452.1	444.7	435.1	427.3	419.4	416.4	412.4	410.7	409.4
12.5°	443.4	441.2	436.9	428.1	417.2	409.8	400.7	398.9	393.7	390.2	389.3
15°	429.0	427.7	419.8	409.8	398.9	391.5	383.7	378.4	369.7	371.5	368.4
17.5°	413.7	408.1	403.3	389.8	384.5	373.2	364.0	361.4	355.3	351.4	347.5
20°	396.7	393.3	387.2	378.4	365.8	352.7	345.7	341.4	337.9	331.8	330.0
22.5°	380.6	376.3	371.0	359.7	348.8	337.9	328.3	324.4	320.0	315.7	313.0
25°	368.0	361.4	355.8	341.8	330.9	321.8	315.7	309.1	303.0	300.4	299.5
27.5°	348.3	344.4	338.8	325.7	315.7	305.6	300.0	295.6	289.1	286.0	283.4
30°	335.7	327.9	321.3	310.9	300.8	289.9	284.7	279.5	275.5	271.6	268.6
32.5°	318.7	312.6	307.4	296.9	286.9	276.8	271.2	263.3	261.2	258.1	254.6
35°	302.1	298.2	292.5	281.2	270.3	263.3	257.2	249.8	247.2	245.0	242.0
37.5°	286.4	280.8	276.8	265.9	256.4	248.1	243.3	237.2	235.4	232.8	230.6
40°	272.9	267.3	263.3	252.4	242.4	233.7	230.6	224.5	221.9	218.9	217.6
42.5°	257.7	252.9	247.6	239.8	229.3	220.6	214.5	211.0	207.5	206.2	203.6
45°	241.5	237.2	233.2	224.5	213.6	207.5	202.3	197.5	194.9	192.7	191.0
47.5°	227.6	223.7	218.4	208.8	200.1	194.4	189.2	184.4	181.8	179.2	177.0
50°	211.5	209.3	203.6	194.4	186.2	179.6	174.8	170.5	168.7	165.7	162.2
52.5°	197.1	193.1	188.3	180.9	173.5	165.7	159.1	156.5	153.5	151.7	148.7
55°	180.1	177.4	172.2	165.7	157.8	151.3	146.5	143.0	139.1	137.3	133.4
57.5°	165.7	160.9	158.3	150.0	142.6	136.0	132.5	129.1	124.7	122.1	120.3
60°	150.0	145.6	141.7	134.7	129.5	122.5	117.3	114.2	111.2	107.7	105.9
62.5°	134.7	131.2	126.4	120.8	114.2	108.6	104.6	100.3	98.5	95.0	93.7
65°	118.2	115.5	111.6	105.1	99.8	95.0	91.1	87.6	85.9	84.6	83.7
67.5°	103.3	99.8	97.2	91.6	85.9	82.0	79.8	77.6	75.4	74.1	72.8
70°	88.1	85.5	82.8	77.6	73.7	70.2	68.4	66.7	65.4	64.1	62.8
72.5°	72.4	71.1	68.4	65.0	61.9	59.3	58.0	55.8	54.5	52.3	51.4
75°	59.7	57.5	56.2	53.2	50.6	48.4	46.6	44.0	42.3	41.4	41.0
77.5°	47.1	46.2	44.5	41.9	40.5	38.4	35.8	34.9	34.0	34.0	33.6
80°	35.3	34.0	32.7	30.5	29.2	27.5	27.5	27.5	27.0	27.5	27.0
82.5°	24.0	23.1	22.2	20.9	20.5	20.5	20.9	20.9	20.9	20.9	20.9
85°	14.0	14.0	14.0	14.4	14.0	14.0	14.4	14.8	14.4	14.4	14.0
87.5°	6.5	6.5	7.0	7.0	7.4	7.4	7.4	7.4	7.4	7.4	7.8
90°	14.6	16.2	18.3	22.6	26.8	31.1	35.3	36.6	37.9	39.2	40.5
92.5°	52.0	53.0	54.0	55.9	57.9	59.8	61.8	62.8	63.8	64.7	65.7
95°	96.0	97.1	98.4	101.0	103.7	106.3	108.9	110.2	111.5	112.8	114.1
97.5°	149.3	150.1	151.1	153.0	155.0	156.9	158.9	160.5	162.1	163.8	165.4
100°	207.9	208.9	209.7	211.4	213.0	214.7	216.3	217.3	218.3	219.2	220.2
102.5°	270.2	270.7	271.8	274.1	276.4	278.7	281.0	282.0	283.0	283.9	284.9
105°	333.6	333.9	335.4	338.3	341.3	344.2	347.2	347.2	347.2	347.2	347.2
107.5°	408.8	409.0	409.7	411.0	412.3	413.6	414.9	415.9	416.9	417.8	418.8
110°	480.8	481.1	481.4	482.1	482.7	483.4	484.0	485.3	486.6	487.9	489.2

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CATALOG NUMBER: S123RDIW-B340D1535UB50-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
112.5°	552.9	553.1	553.1	553.1	553.1	553.1	553.1	554.7	556.4	558.0	559.7
115°	629.1	629.6	629.3	628.6	628.0	627.3	626.7	627.0	627.4	627.7	628.0
117.5°	701.5	701.7	701.4	700.7	700.1	699.4	698.8	698.8	698.8	698.8	698.8
120°	777.2	778.2	777.4	775.8	774.1	772.5	770.9	770.6	770.2	769.9	769.6
122.5°	846.7	847.4	847.1	846.4	845.7	845.1	844.4	843.4	842.4	841.5	840.5
125°	919.0	919.5	919.2	918.5	917.8	917.2	916.5	915.2	913.9	912.6	911.3
127.5°	990.5	991.5	991.2	990.5	989.9	989.2	988.6	986.6	984.7	982.7	980.8
130°	1060.9	1062.2	1061.7	1060.7	1059.7	1058.7	1057.7	1056.4	1055.1	1053.8	1052.5
132.5°	1128.5	1129.8	1129.5	1128.8	1128.2	1127.5	1126.9	1125.3	1123.6	1122.0	1120.3
135°	1195.0	1196.0	1195.8	1195.5	1195.2	1194.9	1194.6	1193.3	1192.0	1190.7	1189.4
137.5°	1257.0	1257.8	1258.3	1259.3	1260.2	1261.2	1262.2	1260.6	1259.0	1257.3	1255.7
140°	1323.2	1324.0	1324.2	1324.5	1324.8	1325.2	1325.5	1325.2	1324.8	1324.5	1324.2
142.5°	1383.5	1384.3	1384.6	1385.3	1386.0	1386.6	1387.3	1387.0	1386.6	1386.3	1386.0
145°	1442.9	1443.2	1443.7	1444.7	1445.6	1446.6	1447.6	1447.3	1446.9	1446.6	1446.3
147.5°	1499.9	1500.6	1501.1	1502.1	1503.0	1504.0	1505.0	1505.0	1505.0	1505.0	1505.0
150°	1554.7	1555.0	1555.3	1556.0	1556.6	1557.3	1557.9	1557.9	1557.9	1557.9	1557.9
152.5°	1603.0	1603.5	1603.7	1604.0	1604.3	1604.7	1605.0	1605.6	1606.3	1606.9	1607.6
155°	1649.1	1649.1	1649.3	1649.6	1649.9	1650.3	1650.6	1651.9	1653.2	1654.5	1655.8
157.5°	1690.5	1690.3	1690.5	1690.8	1691.1	1691.5	1691.8	1693.1	1694.4	1695.7	1697.0
160°	1728.9	1728.6	1728.6	1728.6	1728.6	1728.6	1728.6	1730.2	1731.8	1733.5	1735.1
162.5°	1762.9	1762.4	1762.6	1762.9	1763.2	1763.6	1763.9	1765.5	1767.1	1768.8	1770.4
165°	1792.3	1791.8	1791.8	1791.8	1791.8	1791.8	1791.8	1793.8	1795.8	1797.7	1799.7
167.5°	1816.1	1815.4	1815.6	1815.9	1816.2	1816.5	1816.8	1818.8	1820.8	1822.7	1824.7
170°	1836.7	1836.0	1836.0	1836.0	1836.0	1836.0	1836.0	1838.3	1840.6	1842.9	1845.2
172.5°	1852.8	1852.2	1852.2	1852.2	1852.2	1852.2	1852.2	1854.2	1856.1	1858.1	1860.0
175°	1863.1	1862.4	1862.4	1862.4	1862.4	1862.4	1862.4	1864.4	1866.4	1868.3	1870.3
177.5°	1869.0	1868.3	1868.3	1868.3	1868.3	1868.3	1868.3	1870.3	1872.3	1874.2	1876.2
180°	1872.7	1872.7	1872.7	1872.7	1872.7	1872.7	1872.7	1872.7	1872.7	1872.7	1872.7

TEST NUMBER: P1032229

CATALOG NUMBER: S123RDIW-B340D1535UB50-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
0°	509.2	509.2	509.2	509.2	509.2	509.2	509.2	509.2	509.2	509.2	509.2
2.5°	481.3	481.8	480.5	477.8	477.4	478.3	480.9	480.0	477.8	481.8	478.3
5°	454.7	452.5	451.7	452.5	449.9	448.6	451.2	449.9	451.2	451.7	453.0
7.5°	429.0	429.4	426.8	427.3	423.8	424.6	424.6	424.6	426.0	426.8	428.6
10°	406.8	407.6	404.6	405.0	402.4	400.7	402.0	404.6	404.6	404.6	405.5
12.5°	388.9	385.0	382.8	382.4	379.3	378.4	381.0	381.9	384.1	384.1	385.4
15°	366.7	365.8	364.0	364.0	356.6	358.4	359.2	362.3	366.7	363.2	364.0
17.5°	346.6	344.4	342.2	341.4	340.5	337.9	341.4	340.9	343.6	344.0	345.3
20°	328.7	327.0	322.6	323.1	323.9	320.0	322.2	322.2	324.8	327.4	330.5
22.5°	311.3	309.5	307.4	308.2	305.6	304.8	304.8	306.9	310.0	312.2	311.7
25°	297.8	294.7	293.4	292.1	290.8	291.7	290.4	292.5	294.7	296.0	294.7
27.5°	282.5	281.2	278.6	277.3	275.1	276.0	276.8	278.6	279.9	279.9	281.2
30°	267.7	265.9	265.1	263.8	263.8	262.0	262.5	264.2	265.5	266.8	268.6
32.5°	253.3	252.0	250.7	250.7	249.8	249.4	248.9	251.6	251.6	254.2	254.2
35°	241.5	239.4	239.4	237.2	238.0	237.6	236.7	238.5	238.9	240.7	240.2
37.5°	228.5	228.5	227.6	225.4	223.7	224.1	226.3	226.3	227.6	227.1	228.5
40°	215.4	214.5	214.5	213.2	212.8	212.3	212.8	213.2	215.4	214.9	215.4
42.5°	202.3	202.7	200.6	200.6	200.6	199.2	199.7	200.1	201.0	201.9	203.2
45°	189.7	188.8	188.3	187.5	186.6	187.0	186.6	188.3	187.9	188.8	190.1
47.5°	176.1	174.8	174.4	172.6	172.6	173.5	173.1	174.4	174.8	176.1	175.3
50°	163.1	161.3	160.0	160.4	157.8	158.7	158.7	160.0	161.3	161.7	162.6
52.5°	147.8	147.4	146.9	144.7	144.3	143.9	144.3	144.7	146.5	147.8	148.2
55°	133.0	132.5	129.9	129.1	127.7	127.7	128.6	129.1	132.1	132.5	134.3
57.5°	119.5	118.2	115.1	114.7	114.7	114.7	113.4	115.1	116.0	118.2	118.2
60°	104.6	104.6	102.0	102.0	102.5	102.0	102.0	102.5	102.5	104.2	105.1
62.5°	92.9	92.4	92.4	91.6	91.1	91.6	91.1	91.1	91.6	92.9	94.2
65°	82.4	82.0	81.5	81.1	80.2	80.2	80.7	81.5	81.5	82.4	82.8
67.5°	72.4	72.4	71.5	71.5	71.1	70.6	71.1	70.6	72.4	72.4	72.8
70°	62.3	61.9	60.6	60.2	58.9	59.3	59.3	60.6	61.0	61.9	62.8
72.5°	50.1	50.1	49.3	48.4	48.8	48.0	48.0	48.4	48.4	49.7	50.1
75°	41.4	40.5	40.1	40.5	40.1	41.0	40.1	40.1	41.0	41.0	41.0
77.5°	34.0	34.0	33.6	33.6	34.0	33.6	34.0	34.0	34.0	33.6	34.0
80°	27.9	27.5	27.5	27.5	27.0	27.0	27.0	27.0	27.0	27.0	27.0
82.5°	20.9	20.9	20.5	20.9	20.9	20.5	20.9	20.5	20.5	20.9	20.9
85°	14.0	14.8	14.0	14.0	14.4	14.4	14.8	14.4	14.8	14.0	14.4
87.5°	7.4	7.8	7.8	7.4	7.4	7.8	7.8	7.8	8.3	7.4	7.8
90°	41.2	41.5	42.2	42.8	43.5	44.1	43.5	42.8	42.2	41.5	41.2
92.5°	66.2	65.9	65.2	64.6	63.9	63.3	63.9	64.6	65.2	65.9	66.2
95°	114.7	114.7	114.7	114.7	114.7	114.7	114.7	114.7	114.7	114.7	114.7
97.5°	166.2	166.0	165.7	165.4	165.1	164.8	165.1	165.4	165.7	166.0	166.2
100°	220.7	221.0	221.7	222.3	223.0	223.6	223.0	222.3	221.7	221.0	220.7
102.5°	285.4	285.2	284.9	284.6	284.2	283.9	284.2	284.6	284.9	285.2	285.4
105°	347.2	347.5	348.2	348.8	349.5	350.1	349.5	348.8	348.2	347.5	347.2
107.5°	419.3	419.1	418.8	418.5	418.1	417.8	418.1	418.5	418.8	419.1	419.3
110°	489.9	489.6	488.9	488.2	487.6	486.9	487.6	488.2	488.9	489.6	489.9

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CATALOG NUMBER: S123RDIW-B340D1535UB50-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
112.5°	560.5	560.5	560.5	560.5	560.5	560.5	560.5	560.5	560.5	560.5	560.5
115°	628.2	628.0	627.7	627.4	627.0	626.7	627.0	627.4	627.7	628.0	628.2
117.5°	698.8	698.3	697.3	696.4	695.4	694.4	695.4	696.4	697.3	698.3	698.8
120°	769.4	769.1	768.4	767.8	767.1	766.5	767.1	767.8	768.4	769.1	769.4
122.5°	840.0	839.5	838.5	837.6	836.6	835.6	836.6	837.6	838.5	839.5	840.0
125°	910.6	909.9	908.6	907.3	906.0	904.7	906.0	907.3	908.6	909.9	910.6
127.5°	979.8	979.1	977.8	976.5	975.2	973.9	975.2	976.5	977.8	979.1	979.8
130°	1051.9	1050.8	1048.5	1046.2	1043.9	1041.6	1043.9	1046.2	1048.5	1050.8	1051.9
132.5°	1119.5	1118.7	1117.1	1115.4	1113.8	1112.2	1113.8	1115.4	1117.1	1118.7	1119.5
135°	1188.7	1188.4	1187.7	1187.0	1186.4	1185.7	1186.4	1187.0	1187.7	1188.4	1188.7
137.5°	1254.9	1254.4	1253.4	1252.5	1251.5	1250.5	1251.5	1252.5	1253.4	1254.4	1254.9
140°	1324.0	1322.9	1320.6	1318.3	1316.0	1313.7	1316.0	1318.3	1320.6	1322.9	1324.0
142.5°	1385.8	1385.0	1383.3	1381.7	1380.0	1378.4	1380.0	1381.7	1383.3	1385.0	1385.8
145°	1446.1	1445.4	1444.1	1442.8	1441.5	1440.2	1441.5	1442.8	1444.1	1445.4	1446.1
147.5°	1505.0	1504.0	1502.0	1500.1	1498.1	1496.1	1498.1	1500.1	1502.0	1504.0	1505.0
150°	1557.9	1556.9	1555.0	1553.0	1551.1	1549.1	1551.1	1553.0	1555.0	1556.9	1557.9
152.5°	1607.9	1607.1	1605.5	1603.8	1602.2	1600.6	1602.2	1603.8	1605.5	1607.1	1607.9
155°	1656.5	1655.4	1653.1	1650.8	1648.5	1646.2	1648.5	1650.8	1653.1	1655.4	1656.5
157.5°	1697.7	1696.7	1694.8	1692.8	1690.9	1688.9	1690.9	1692.8	1694.8	1696.7	1697.7
160°	1735.9	1735.2	1733.9	1732.6	1731.3	1730.0	1731.3	1732.6	1733.9	1735.2	1735.9
162.5°	1771.2	1770.1	1767.8	1765.5	1763.2	1760.9	1763.2	1765.5	1767.8	1770.1	1771.2
165°	1800.7	1799.6	1797.3	1795.0	1792.7	1790.4	1792.7	1795.0	1797.3	1799.6	1800.7
167.5°	1825.7	1824.7	1822.7	1820.8	1818.8	1816.8	1818.8	1820.8	1822.7	1824.7	1825.7
170°	1846.3	1845.2	1842.9	1840.6	1838.3	1836.0	1838.3	1840.6	1842.9	1845.2	1846.3
172.5°	1861.0	1859.9	1857.6	1855.3	1853.0	1850.7	1853.0	1855.3	1857.6	1859.9	1861.0
175°	1871.3	1870.2	1867.9	1865.6	1863.3	1861.0	1863.3	1865.6	1867.9	1870.2	1871.3
177.5°	1877.2	1876.1	1873.8	1871.5	1869.2	1866.9	1869.2	1871.5	1873.8	1876.1	1877.2
180°	1872.7	1872.7	1872.7	1872.7	1872.7	1872.7	1872.7	1872.7	1872.7	1872.7	1872.7

TEST NUMBER: P1032229

CATALOG NUMBER: S123RDIW-B340D1535UB50-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
0°	509.2	509.2	509.2	509.2	509.2	509.2	509.2	509.2	509.2	509.2	509.2
2.5°	481.8	483.5	481.8	478.3	481.8	483.9	486.1	489.6	491.4	491.4	494.0
5°	454.3	457.8	456.5	455.6	459.1	461.3	464.8	469.1	473.9	477.0	480.5
7.5°	429.9	432.1	434.2	434.2	437.7	442.5	447.8	453.0	459.1	463.4	466.1
10°	408.5	410.3	411.6	413.3	418.5	423.8	430.7	437.3	442.5	447.3	451.7
12.5°	388.0	390.6	393.7	395.0	398.9	405.5	412.0	419.8	428.1	432.9	437.3
15°	368.4	369.7	373.2	377.1	380.6	387.6	395.9	404.2	411.1	418.5	422.5
17.5°	348.3	348.8	357.9	355.8	367.1	373.6	378.0	385.8	397.2	403.3	409.4
20°	328.7	333.1	337.0	339.2	345.3	352.7	365.4	371.5	380.6	386.3	391.5
22.5°	313.5	320.0	320.0	325.2	328.3	335.3	344.4	356.2	366.2	370.1	377.6
25°	300.0	303.0	308.2	310.0	315.7	321.8	327.9	340.5	351.4	356.6	361.9
27.5°	282.5	286.4	293.4	293.4	300.8	307.4	314.8	323.1	334.0	341.4	347.0
30°	269.0	272.9	276.0	280.8	283.8	289.9	303.0	309.1	318.7	325.2	332.2
32.5°	256.4	259.4	262.0	267.3	270.7	277.7	284.7	295.6	303.9	310.0	317.4
35°	242.4	245.5	248.9	252.9	258.1	264.6	271.2	280.3	288.6	294.3	300.4
37.5°	229.3	231.5	236.7	239.4	243.7	249.8	258.1	267.7	275.1	279.5	285.6
40°	216.7	218.4	222.4	227.1	230.2	235.0	243.7	252.0	261.2	266.4	271.2
42.5°	203.2	205.3	208.8	213.6	218.4	223.7	228.5	238.0	246.3	250.7	255.9
45°	191.4	192.7	195.3	200.1	204.9	208.8	216.2	225.0	232.8	236.3	242.0
47.5°	177.4	178.8	182.7	184.9	190.1	195.3	202.7	211.5	218.4	221.9	227.1
50°	163.1	164.4	167.0	171.8	175.3	180.9	187.5	194.9	203.6	208.4	211.5
52.5°	149.1	151.7	153.9	157.8	162.2	167.9	174.0	180.9	188.3	193.1	196.6
55°	135.2	137.3	139.9	142.1	147.4	152.6	159.6	166.1	172.6	177.0	180.9
57.5°	119.5	122.5	125.1	129.5	133.4	137.8	145.6	150.8	158.7	161.7	165.2
60°	105.9	109.0	111.2	114.7	118.2	123.8	129.1	135.6	142.1	146.1	150.4
62.5°	94.6	95.9	97.2	100.7	104.2	109.4	114.7	121.2	128.2	130.4	133.8
65°	83.3	84.6	86.8	89.8	92.4	95.5	101.1	106.4	112.9	116.4	117.7
67.5°	73.7	75.0	75.4	77.6	79.8	83.3	86.3	91.6	97.7	99.8	102.5
70°	62.8	65.0	65.4	67.1	68.0	70.2	73.7	77.6	82.4	86.3	88.5
72.5°	50.1	53.2	54.1	56.7	58.0	60.2	62.8	65.8	68.9	70.6	72.4
75°	41.0	41.9	42.3	44.5	46.6	49.7	51.0	52.8	55.4	57.5	59.3
77.5°	34.0	34.4	34.9	34.9	35.3	37.1	39.7	41.9	43.6	44.5	45.8
80°	27.5	27.0	27.0	27.5	27.5	27.5	28.3	31.4	32.3	34.4	34.0
82.5°	21.4	20.5	20.9	20.5	20.5	20.5	20.5	20.9	20.9	22.2	23.1
85°	14.0	14.4	14.0	14.0	13.5	14.0	13.5	13.5	13.1	13.1	12.6
87.5°	7.4	7.8	7.4	7.4	7.0	7.4	7.0	7.0	6.5	6.5	5.7
90°	40.5	39.2	37.9	36.6	35.3	31.1	26.8	22.6	18.3	16.2	14.6
92.5°	65.7	64.7	63.8	62.8	61.8	59.8	57.9	55.9	54.0	53.0	52.0
95°	114.1	112.8	111.5	110.2	108.9	106.3	103.7	101.0	98.4	97.1	96.0
97.5°	165.4	163.8	162.1	160.5	158.9	156.9	155.0	153.0	151.1	150.1	149.3
100°	220.2	219.2	218.3	217.3	216.3	214.7	213.0	211.4	209.7	208.9	207.9
102.5°	284.9	283.9	283.0	282.0	281.0	278.7	276.4	274.1	271.8	270.7	270.2
105°	347.2	347.2	347.2	347.2	347.2	344.2	341.3	338.3	335.4	333.9	333.6
107.5°	418.8	417.8	416.9	415.9	414.9	413.6	412.3	411.0	409.7	409.0	408.8
110°	489.2	487.9	486.6	485.3	484.0	483.4	482.7	482.1	481.4	481.1	480.8

TEST NUMBER: P1032229

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CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
112.5°	559.7	558.0	556.4	554.7	553.1	553.1	553.1	553.1	553.1	553.1	552.9
115°	628.0	627.7	627.4	627.0	626.7	627.3	628.0	628.6	629.3	629.6	629.1
117.5°	698.8	698.8	698.8	698.8	698.8	699.4	700.1	700.7	701.4	701.7	701.5
120°	769.6	769.9	770.2	770.6	770.9	772.5	774.1	775.8	777.4	778.2	777.2
122.5°	840.5	841.5	842.4	843.4	844.4	845.1	845.7	846.4	847.1	847.4	846.7
125°	911.3	912.6	913.9	915.2	916.5	917.2	917.8	918.5	919.2	919.5	919.0
127.5°	980.8	982.7	984.7	986.6	988.6	989.2	989.9	990.5	991.2	991.5	990.5
130°	1052.5	1053.8	1055.1	1056.4	1057.7	1058.7	1059.7	1060.7	1061.7	1062.2	1060.9
132.5°	1120.3	1122.0	1123.6	1125.3	1126.9	1127.5	1128.2	1128.8	1129.5	1129.8	1128.5
135°	1189.4	1190.7	1192.0	1193.3	1194.6	1194.9	1195.2	1195.5	1195.8	1196.0	1195.0
137.5°	1255.7	1257.3	1259.0	1260.6	1262.2	1261.2	1260.2	1259.3	1258.3	1257.8	1257.0
140°	1324.2	1324.5	1324.8	1325.2	1325.5	1325.2	1324.8	1324.5	1324.2	1324.0	1323.2
142.5°	1386.0	1386.3	1386.6	1387.0	1387.3	1386.6	1386.0	1385.3	1384.6	1384.3	1383.5
145°	1446.3	1446.6	1446.9	1447.3	1447.6	1446.6	1445.6	1444.7	1443.7	1443.2	1442.9
147.5°	1505.0	1505.0	1505.0	1505.0	1505.0	1504.0	1503.0	1502.1	1501.1	1500.6	1499.9
150°	1557.9	1557.9	1557.9	1557.9	1557.9	1557.3	1556.6	1556.0	1555.3	1555.0	1554.7
152.5°	1607.6	1606.9	1606.3	1605.6	1605.0	1604.7	1604.3	1604.0	1603.7	1603.5	1603.0
155°	1655.8	1654.5	1653.2	1651.9	1650.6	1650.3	1649.9	1649.6	1649.3	1649.1	1649.1
157.5°	1697.0	1695.7	1694.4	1693.1	1691.8	1691.5	1691.1	1690.8	1690.5	1690.3	1690.5
160°	1735.1	1733.5	1731.8	1730.2	1728.6	1728.6	1728.6	1728.6	1728.6	1728.6	1728.9
162.5°	1770.4	1768.8	1767.1	1765.5	1763.9	1763.6	1763.2	1762.9	1762.6	1762.4	1762.9
165°	1799.7	1797.7	1795.8	1793.8	1791.8	1791.8	1791.8	1791.8	1791.8	1791.8	1792.3
167.5°	1824.7	1822.7	1820.8	1818.8	1816.8	1816.5	1816.2	1815.9	1815.6	1815.4	1816.1
170°	1845.2	1842.9	1840.6	1838.3	1836.0	1836.0	1836.0	1836.0	1836.0	1836.0	1836.7
172.5°	1860.0	1858.1	1856.1	1854.2	1852.2	1852.2	1852.2	1852.2	1852.2	1852.2	1852.8
175°	1870.3	1868.3	1866.4	1864.4	1862.4	1862.4	1862.4	1862.4	1862.4	1862.4	1863.1
177.5°	1876.2	1874.2	1872.3	1870.3	1868.3	1868.3	1868.3	1868.3	1868.3	1868.3	1869.0
180°	1872.7	1872.7	1872.7	1872.7	1872.7	1872.7	1872.7	1872.7	1872.7	1872.7	1872.7

TEST NUMBER: P1032229

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CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
0°	509.2	509.2	509.2	509.2
2.5°	496.1	499.2	505.3	510.5
5°	485.7	490.5	499.6	508.8
7.5°	473.0	480.5	492.2	504.9
10°	460.8	470.4	484.8	499.6
12.5°	448.6	458.7	473.9	493.1
15°	434.2	444.7	463.0	486.1
17.5°	421.6	435.5	452.1	475.2
20°	408.1	418.5	439.9	464.3
22.5°	391.1	408.5	428.6	454.3
25°	377.6	392.8	412.9	442.1
27.5°	361.0	378.9	403.3	429.0
30°	347.5	362.3	385.0	415.9
32.5°	331.8	349.2	372.8	403.3
35°	317.8	332.7	354.9	385.8
37.5°	301.3	317.4	342.2	369.7
40°	286.9	302.6	326.1	351.8
42.5°	269.4	286.0	309.5	331.3
45°	255.5	270.7	289.5	309.5
47.5°	238.5	254.6	272.9	286.9
50°	223.2	238.0	252.4	264.2
52.5°	206.7	220.2	233.2	242.0
55°	191.4	201.9	212.3	218.4
57.5°	173.5	183.5	192.3	195.8
60°	157.8	166.1	171.8	175.7
62.5°	141.3	147.4	151.7	153.9
65°	125.1	129.5	131.7	133.8
67.5°	108.6	112.5	113.8	116.4
70°	91.1	95.5	96.4	97.7
72.5°	78.0	78.0	79.8	81.5
75°	62.3	63.2	64.1	64.1
77.5°	48.8	48.8	49.7	50.1
80°	35.8	36.2	36.2	35.8
82.5°	24.4	25.3	24.4	24.0
85°	13.5	15.3	14.4	14.4
87.5°	5.7	5.7	6.5	5.7
90°	11.3	8.0	4.8	1.5
92.5°	50.0	48.1	46.1	44.1
95°	93.7	91.4	89.1	86.8
97.5°	147.6	146.0	144.3	142.7
100°	206.0	204.0	202.1	200.1
102.5°	269.2	268.3	267.3	266.3
105°	332.9	332.3	331.6	331.0
107.5°	408.5	408.2	407.8	407.5
110°	480.1	479.4	478.8	478.1

TEST NUMBER: P1032229

CATALOG NUMBER: S123RDIW-B340D1535UB50-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
112.5°	552.6	552.3	552.0	551.7
115°	628.1	627.2	626.2	625.2
117.5°	701.2	700.9	700.6	700.3
120°	775.3	773.3	771.4	769.4
122.5°	845.4	844.1	842.8	841.5
125°	918.0	917.0	916.0	915.0
127.5°	988.6	986.6	984.7	982.7
130°	1058.3	1055.6	1053.0	1050.4
132.5°	1125.9	1123.3	1120.7	1118.1
135°	1193.1	1191.1	1189.2	1187.2
137.5°	1255.4	1253.7	1252.1	1250.5
140°	1321.6	1319.9	1318.3	1316.7
142.5°	1381.9	1380.2	1378.6	1377.0
145°	1442.2	1441.5	1440.9	1440.2
147.5°	1498.6	1497.3	1496.0	1494.7
150°	1554.0	1553.3	1552.7	1552.0
152.5°	1602.0	1601.1	1600.1	1599.1
155°	1649.1	1649.1	1649.1	1649.1
157.5°	1690.8	1691.1	1691.5	1691.8
160°	1729.6	1730.2	1730.9	1731.5
162.5°	1763.9	1764.8	1765.8	1766.8
165°	1793.3	1794.2	1795.2	1796.2
167.5°	1817.4	1818.7	1820.0	1821.3
170°	1838.0	1839.3	1840.6	1841.9
172.5°	1854.1	1855.4	1856.7	1858.0
175°	1864.4	1865.7	1867.0	1868.3
177.5°	1870.3	1871.6	1872.9	1874.2
180°	1872.7	1872.7	1872.7	1872.7

(END OF REPORT)