

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: P1032185

Luminaire Tested: S123RDIW-B340D1030UB35-4F0-XX-W2A-A1

Issue Date: 5/6/2025

Test Information

Test Method: LM-79-2019
Report Number: P1032185
REPORT IS A COMBINATION OF REPORTS P994186 AND P1007351
Test Lab: INNOVATION CENTER
Issue Date: 5/6/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: NEO-RAY
Catalog Number: S123RDIW-B340D1030UB35-4F0-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

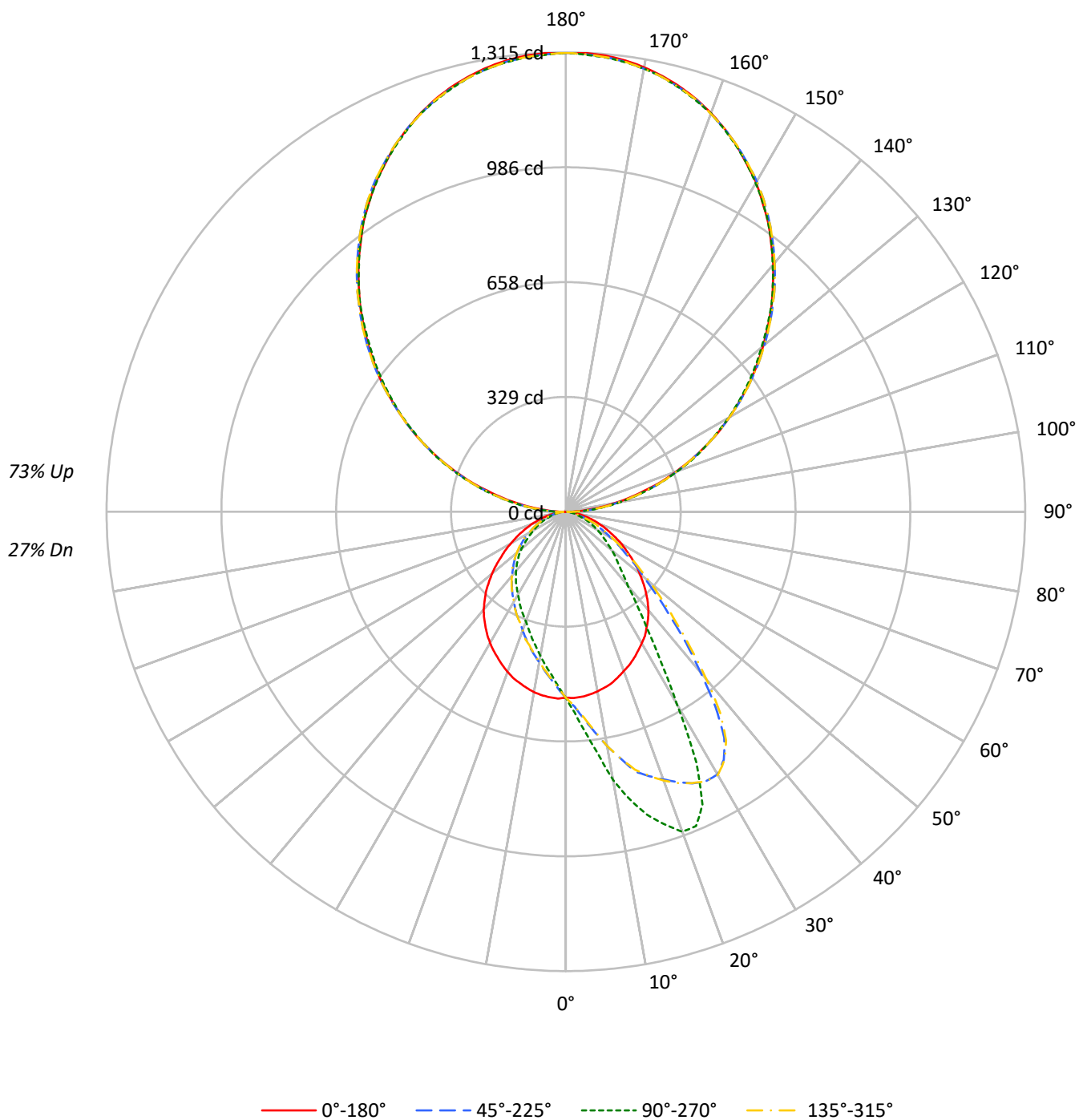
Lumens per Lamp: N/A
Luminaire Lumens: 4968.0 lumens
Efficiency: N/A
Efficacy: 111.6 lumens/watt
Spacing Criteria (0/90/45): 1.22 / 1.2 / 1.34
Luminous Opening: Rectangular w/ Sides (W: 0.25' x L: 4' x H: 0.1')
CIE Type: Semi-Indirect

Input Watts (W): 44.5
Input Voltage (V):
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT

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Luminous Intensity Polar Plot



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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20				20
RC	80				70				50				30				10				0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR																					
0	102	102	102	102	91	91	91	91	70	70	70	52	52	52	35	35	35	27			
1	93	89	85	82	83	79	76	74	62	60	58	46	45	44	31	30	30	23			
2	85	78	72	67	76	70	65	61	55	51	49	41	39	37	28	27	26	20			
3	77	69	62	56	69	62	56	51	48	44	41	36	34	31	25	23	22	17			
4	71	61	53	48	63	55	48	44	43	39	35	32	29	27	22	21	19	15			
5	65	54	47	41	58	49	42	37	39	34	30	29	26	24	20	18	17	13			
6	60	49	41	35	53	44	37	32	35	30	27	26	23	21	18	17	15	12			
7	55	44	36	31	49	40	33	28	31	27	23	24	21	18	17	15	13	11			
8	51	40	32	27	46	36	29	25	29	24	21	22	19	16	16	14	12	9			
9	48	36	29	24	43	33	27	22	26	22	18	20	17	15	14	12	11	9			
10	44	33	26	22	40	30	24	20	24	20	17	19	15	13	13	11	10	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	1.1
10°-20°	163.6	3.3
20°-30°	257.6	5.2
30°-40°	267.9	5.4
40°-50°	229.2	4.6
50°-60°	174.7	3.5
60°-70°	111.9	2.3
70°-80°	53.6	1.1
80°-90°	16.9	0.3
90°-100°	84.6	1.7
100°-110°	256.0	5.2
110°-120°	435.8	8.8
120°-130°	573.3	11.5
130°-140°	644.4	13.0
140°-150°	633.5	12.8
150°-160°	533.3	10.7
160°-170°	355.1	7.1
170°-180°	124.3	2.5
0°-30°	473.5	9.5
0°-40°	741.4	14.9
0°-60°	1145.3	23.1
0°-90°	1327.8	26.7
90°-120°	776.3	15.6
90°-150°	2627.5	52.9
90°-180°	3640.0	73.3
0°-180°	4968.0	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°	1	31	1	31	1	5
95°	61	80	61	80	61	67
105°	232	246	232	246	232	249
115°	439	440	439	440	439	434
125°	642	635	642	635	642	572
135°	833	832	833	832	833	642
145°	1010	1010	1010	1010	1010	631
155°	1157	1155	1157	1155	1157	533
165°	1260	1256	1260	1256	1260	355
175°	1311	1306	1311	1306	1311	125
180°	1314	1314	1314	1314	1314	

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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°	1.0	3.3	5.6	7.9	10.2	11.4	12.9	15.9	18.8	21.8	24.8
92.5°	31.0	32.4	33.8	35.1	36.5	37.2	37.9	39.2	40.6	41.9	43.3
95°	60.9	62.5	64.1	65.7	67.3	68.1	69.0	70.9	72.7	74.6	76.4
97.5°	100.1	101.3	102.4	103.6	104.7	105.3	106.0	107.4	108.7	110.1	111.5
100°	140.4	141.8	143.1	144.5	145.8	146.5	147.1	148.2	149.4	150.5	151.7
102.5°	186.8	187.5	188.2	188.9	189.6	189.9	190.7	192.3	193.9	195.5	197.1
105°	232.2	232.7	233.1	233.6	234.1	234.3	235.3	237.4	239.5	241.5	243.6
107.5°	285.9	286.1	286.3	286.6	286.8	286.9	287.4	288.3	289.2	290.1	291.0
110°	335.4	335.9	336.3	336.8	337.3	337.5	337.7	338.2	338.6	339.1	339.5

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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	387.0	387.2	387.4	387.7	387.9	388.0	388.0	388.0	388.0	388.0	388.0
115°	438.6	439.3	440.0	440.7	441.4	441.7	441.5	441.0	440.5	440.1	439.6
117.5°	491.2	491.4	491.7	491.9	492.2	492.3	492.1	491.6	491.1	490.7	490.2
120°	539.8	541.2	542.5	543.9	545.2	545.9	545.3	544.2	543.1	541.9	540.8
122.5°	590.3	591.2	592.1	593.0	593.9	594.4	594.2	593.7	593.3	592.8	592.4
125°	641.9	642.6	643.3	644.0	644.7	645.0	644.8	644.3	643.9	643.4	643.0
127.5°	689.4	690.8	692.2	693.5	694.9	695.6	695.4	694.9	694.4	694.0	693.5
130°	736.9	738.7	740.5	742.4	744.2	745.1	744.8	744.1	743.4	742.7	742.0
132.5°	784.3	786.1	788.0	789.8	791.7	792.6	792.4	791.9	791.4	791.0	790.5
135°	832.8	834.2	835.6	836.9	838.3	839.0	838.9	838.7	838.4	838.2	838.0
137.5°	877.2	878.4	879.5	880.7	881.8	882.4	882.7	883.4	884.1	884.8	885.5
140°	923.7	924.8	926.0	927.1	928.2	928.8	928.9	929.2	929.4	929.7	929.9
142.5°	966.0	967.1	968.3	969.4	970.5	971.1	971.3	971.8	972.3	972.7	973.2
145°	1010.4	1010.8	1011.3	1011.7	1012.2	1012.4	1012.7	1013.4	1014.1	1014.8	1015.5
147.5°	1048.5	1049.4	1050.4	1051.3	1052.2	1052.7	1053.0	1053.7	1054.4	1055.1	1055.8
150°	1088.8	1089.3	1089.7	1090.2	1090.7	1090.9	1091.1	1091.6	1092.0	1092.5	1092.9
152.5°	1121.8	1122.5	1123.2	1123.9	1124.6	1124.9	1125.0	1125.2	1125.5	1125.7	1125.9
155°	1156.9	1156.9	1156.9	1156.9	1156.9	1156.9	1157.0	1157.2	1157.5	1157.7	1157.9
157.5°	1186.8	1186.6	1186.4	1186.1	1185.9	1185.8	1185.9	1186.1	1186.4	1186.6	1186.8
160°	1214.7	1214.2	1213.8	1213.3	1212.8	1212.6	1212.6	1212.6	1212.6	1212.6	1212.6
162.5°	1239.5	1238.8	1238.1	1237.4	1236.7	1236.4	1236.5	1236.7	1237.0	1237.2	1237.4
165°	1260.1	1259.4	1258.7	1258.0	1257.3	1257.0	1257.0	1257.0	1257.0	1257.0	1257.0
167.5°	1277.7	1276.8	1275.8	1274.9	1274.0	1273.5	1273.6	1273.9	1274.1	1274.4	1274.6
170°	1292.1	1291.2	1290.3	1289.4	1288.5	1288.0	1288.0	1288.0	1288.0	1288.0	1288.0
172.5°	1303.5	1302.6	1301.6	1300.7	1299.8	1299.3	1299.3	1299.3	1299.3	1299.3	1299.3
175°	1310.7	1309.8	1308.8	1307.9	1307.0	1306.5	1306.5	1306.5	1306.5	1306.5	1306.5
177.5°	1314.8	1313.9	1313.0	1312.1	1311.2	1310.7	1310.7	1310.7	1310.7	1310.7	1310.7
180°	1313.8	1313.8	1313.8	1313.8	1313.8	1313.8	1313.8	1313.8	1313.8	1313.8	1313.8

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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°	25.7	26.6	27.5	28.4	28.9	29.1	29.6	30.1	30.5	31.0	30.5
92.5°	44.0	44.7	45.4	46.1	46.4	46.2	45.7	45.3	44.8	44.4	44.8
95°	77.3	78.2	79.1	80.0	80.5	80.5	80.5	80.5	80.5	80.5	80.5
97.5°	112.6	113.8	114.9	116.0	116.6	116.5	116.3	116.0	115.8	115.6	115.8
100°	152.4	153.1	153.8	154.5	154.8	155.0	155.5	156.0	156.4	156.9	156.4
102.5°	197.8	198.5	199.2	199.9	200.2	200.1	199.9	199.6	199.4	199.2	199.4
105°	243.6	243.6	243.6	243.6	243.6	243.8	244.3	244.7	245.2	245.6	245.2
107.5°	291.7	292.4	293.1	293.8	294.1	294.0	293.8	293.5	293.3	293.1	293.3
110°	340.4	341.4	342.3	343.2	343.7	343.5	343.0	342.5	342.1	341.6	342.1

TEST NUMBER: P1032185

CATALOG NUMBER: S123RDIW-B340D1030UB35-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	389.2	390.3	391.5	392.6	393.2	393.2	393.2	393.2	393.2	393.2	393.2
115°	439.8	440.1	440.3	440.6	440.7	440.6	440.3	440.1	439.8	439.6	439.8
117.5°	490.2	490.2	490.2	490.2	490.2	489.9	489.2	488.5	487.8	487.1	487.8
120°	540.6	540.4	540.1	539.9	539.8	539.6	539.1	538.6	538.2	537.7	538.2
122.5°	591.7	591.0	590.3	589.6	589.3	589.0	588.3	587.6	586.9	586.2	586.9
125°	642.1	641.1	640.2	639.3	638.8	638.3	637.4	636.5	635.6	634.7	635.6
127.5°	692.1	690.7	689.4	688.0	687.3	686.8	685.9	685.0	684.1	683.2	684.1
130°	741.1	740.2	739.3	738.4	737.9	737.1	735.5	733.9	732.3	730.7	732.3
132.5°	789.4	788.2	787.1	786.0	785.4	784.8	783.7	782.5	781.4	780.2	781.4
135°	837.1	836.2	835.3	834.4	833.9	833.7	833.2	832.7	832.3	831.8	832.3
137.5°	884.3	883.2	882.0	880.9	880.3	880.0	879.3	878.6	877.9	877.2	877.9
140°	929.7	929.4	929.2	928.9	928.8	928.0	926.4	924.8	923.2	921.6	923.2
142.5°	973.0	972.8	972.5	972.3	972.2	971.6	970.5	969.3	968.2	967.0	968.2
145°	1015.3	1015.1	1014.8	1014.6	1014.5	1014.0	1013.1	1012.2	1011.3	1010.4	1011.3
147.5°	1055.8	1055.8	1055.8	1055.8	1055.8	1055.1	1053.7	1052.4	1051.0	1049.6	1051.0
150°	1092.9	1092.9	1092.9	1092.9	1092.9	1092.2	1090.8	1089.5	1088.1	1086.7	1088.1
152.5°	1126.4	1126.8	1127.3	1127.8	1128.0	1127.4	1126.3	1125.1	1124.0	1122.8	1124.0
155°	1158.8	1159.8	1160.7	1161.6	1162.1	1161.3	1159.7	1158.0	1156.4	1154.8	1156.4
157.5°	1187.7	1188.7	1189.6	1190.5	1191.0	1190.3	1188.9	1187.6	1186.2	1184.8	1186.2
160°	1213.8	1214.9	1216.1	1217.2	1217.8	1217.3	1216.4	1215.5	1214.6	1213.7	1214.6
162.5°	1238.6	1239.7	1240.9	1242.0	1242.6	1241.8	1240.2	1238.5	1236.9	1235.3	1236.9
165°	1258.4	1259.8	1261.1	1262.5	1263.2	1262.4	1260.8	1259.2	1257.6	1256.0	1257.6
167.5°	1276.0	1277.3	1278.7	1280.0	1280.7	1280.0	1278.7	1277.3	1276.0	1274.6	1276.0
170°	1289.6	1291.2	1292.8	1294.4	1295.2	1294.4	1292.8	1291.2	1289.6	1288.0	1289.6
172.5°	1300.7	1302.1	1303.4	1304.8	1305.5	1304.7	1303.1	1301.5	1299.9	1298.3	1299.9
175°	1307.9	1309.3	1310.6	1312.0	1312.7	1311.9	1310.3	1308.7	1307.1	1305.5	1307.1
177.5°	1312.1	1313.5	1314.8	1316.2	1316.9	1316.1	1314.5	1312.8	1311.2	1309.6	1311.2
180°	1313.8	1313.8	1313.8	1313.8	1313.8	1313.8	1313.8	1313.8	1313.8	1313.8	1313.8

TEST NUMBER: P1032185

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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°	30.1	29.6	29.1	28.9	28.4	27.5	26.6	25.7	24.8	21.8	18.8
92.5°	45.3	45.7	46.2	46.4	46.1	45.4	44.7	44.0	43.3	41.9	40.6
95°	80.5	80.5	80.5	80.5	80.0	79.1	78.2	77.3	76.4	74.6	72.7
97.5°	116.0	116.3	116.5	116.6	116.0	114.9	113.8	112.6	111.5	110.1	108.7
100°	156.0	155.5	155.0	154.8	154.5	153.8	153.1	152.4	151.7	150.5	149.4
102.5°	199.6	199.9	200.1	200.2	199.9	199.2	198.5	197.8	197.1	195.5	193.9
105°	244.7	244.3	243.8	243.6	243.6	243.6	243.6	243.6	243.6	241.5	239.5
107.5°	293.5	293.8	294.0	294.1	293.8	293.1	292.4	291.7	291.0	290.1	289.2
110°	342.5	343.0	343.5	343.7	343.2	342.3	341.4	340.4	339.5	339.1	338.6

TEST NUMBER: P1032185

CATALOG NUMBER: S123RDIW-B340D1030UB35-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	393.2	393.2	393.2	393.2	392.6	391.5	390.3	389.2	388.0	388.0	388.0
115°	440.1	440.3	440.6	440.7	440.6	440.3	440.1	439.8	439.6	440.1	440.5
117.5°	488.5	489.2	489.9	490.2	490.2	490.2	490.2	490.2	490.2	490.7	491.1
120°	538.6	539.1	539.6	539.8	539.9	540.1	540.4	540.6	540.8	541.9	543.1
122.5°	587.6	588.3	589.0	589.3	589.6	590.3	591.0	591.7	592.4	592.8	593.3
125°	636.5	637.4	638.3	638.8	639.3	640.2	641.1	642.1	643.0	643.4	643.9
127.5°	685.0	685.9	686.8	687.3	688.0	689.4	690.7	692.1	693.5	694.0	694.4
130°	733.9	735.5	737.1	737.9	738.4	739.3	740.2	741.1	742.0	742.7	743.4
132.5°	782.5	783.7	784.8	785.4	786.0	787.1	788.2	789.4	790.5	791.0	791.4
135°	832.7	833.2	833.7	833.9	834.4	835.3	836.2	837.1	838.0	838.2	838.4
137.5°	878.6	879.3	880.0	880.3	880.9	882.0	883.2	884.3	885.5	884.8	884.1
140°	924.8	926.4	928.0	928.8	928.9	929.2	929.4	929.7	929.9	929.7	929.4
142.5°	969.3	970.5	971.6	972.2	972.3	972.5	972.8	973.0	973.2	972.7	972.3
145°	1012.2	1013.1	1014.0	1014.5	1014.6	1014.8	1015.1	1015.3	1015.5	1014.8	1014.1
147.5°	1052.4	1053.7	1055.1	1055.8	1055.8	1055.8	1055.8	1055.8	1055.8	1055.1	1054.4
150°	1089.5	1090.8	1092.2	1092.9	1092.9	1092.9	1092.9	1092.9	1092.9	1092.5	1092.0
152.5°	1125.1	1126.3	1127.4	1128.0	1127.8	1127.3	1126.8	1126.4	1125.9	1125.7	1125.5
155°	1158.0	1159.7	1161.3	1162.1	1161.6	1160.7	1159.8	1158.8	1157.9	1157.7	1157.5
157.5°	1187.6	1188.9	1190.3	1191.0	1190.5	1189.6	1188.7	1187.7	1186.8	1186.6	1186.4
160°	1215.5	1216.4	1217.3	1217.8	1217.2	1216.1	1214.9	1213.8	1212.6	1212.6	1212.6
162.5°	1238.5	1240.2	1241.8	1242.6	1242.0	1240.9	1239.7	1238.6	1237.4	1237.2	1237.0
165°	1259.2	1260.8	1262.4	1263.2	1262.5	1261.1	1259.8	1258.4	1257.0	1257.0	1257.0
167.5°	1277.3	1278.7	1280.0	1280.7	1280.0	1278.7	1277.3	1276.0	1274.6	1274.4	1274.1
170°	1291.2	1292.8	1294.4	1295.2	1294.4	1292.8	1291.2	1289.6	1288.0	1288.0	1288.0
172.5°	1301.5	1303.1	1304.7	1305.5	1304.8	1303.4	1302.1	1300.7	1299.3	1299.3	1299.3
175°	1308.7	1310.3	1311.9	1312.7	1312.0	1310.6	1309.3	1307.9	1306.5	1306.5	1306.5
177.5°	1312.8	1314.5	1316.1	1316.9	1316.2	1314.8	1313.5	1312.1	1310.7	1310.7	1310.7
180°	1313.8	1313.8	1313.8	1313.8	1313.8	1313.8	1313.8	1313.8	1313.8	1313.8	1313.8

TEST NUMBER: P1032185

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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°	15.9	12.9	11.4	10.2	7.9	5.6	3.3	1.0	3.3	5.6	7.9
92.5°	39.2	37.9	37.2	36.5	35.1	33.8	32.4	31.0	32.4	33.8	35.1
95°	70.9	69.0	68.1	67.3	65.7	64.1	62.5	60.9	62.5	64.1	65.7
97.5°	107.4	106.0	105.3	104.7	103.6	102.4	101.3	100.1	101.3	102.4	103.6
100°	148.2	147.1	146.5	145.8	144.5	143.1	141.8	140.4	141.8	143.1	144.5
102.5°	192.3	190.7	189.9	189.6	188.9	188.2	187.5	186.8	187.5	188.2	188.9
105°	237.4	235.3	234.3	234.1	233.6	233.1	232.7	232.2	232.7	233.1	233.6
107.5°	288.3	287.4	286.9	286.8	286.6	286.3	286.1	285.9	286.1	286.3	286.6
110°	338.2	337.7	337.5	337.3	336.8	336.3	335.9	335.4	335.9	336.3	336.8

TEST NUMBER: P1032185

CATALOG NUMBER: S123RDIW-B340D1030UB35-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
112.5°	388.0	388.0	388.0	387.9	387.7	387.4	387.2	387.0	387.2	387.4	387.7
115°	441.0	441.5	441.7	441.4	440.7	440.0	439.3	438.6	439.3	440.0	440.7
117.5°	491.6	492.1	492.3	492.2	491.9	491.7	491.4	491.2	491.4	491.7	491.9
120°	544.2	545.3	545.9	545.2	543.9	542.5	541.2	539.8	541.2	542.5	543.9
122.5°	593.7	594.2	594.4	593.9	593.0	592.1	591.2	590.3	591.2	592.1	593.0
125°	644.3	644.8	645.0	644.7	644.0	643.3	642.6	641.9	642.6	643.3	644.0
127.5°	694.9	695.4	695.6	694.9	693.5	692.2	690.8	689.4	690.8	692.2	693.5
130°	744.1	744.8	745.1	744.2	742.4	740.5	738.7	736.9	738.7	740.5	742.4
132.5°	791.9	792.4	792.6	791.7	789.8	788.0	786.1	784.3	786.1	788.0	789.8
135°	838.7	838.9	839.0	838.3	836.9	835.6	834.2	832.8	834.2	835.6	836.9
137.5°	883.4	882.7	882.4	881.8	880.7	879.5	878.4	877.2	878.4	879.5	880.7
140°	929.2	928.9	928.8	928.2	927.1	926.0	924.8	923.7	924.8	926.0	927.1
142.5°	971.8	971.3	971.1	970.5	969.4	968.3	967.1	966.0	967.1	968.3	969.4
145°	1013.4	1012.7	1012.4	1012.2	1011.7	1011.3	1010.8	1010.4	1010.8	1011.3	1011.7
147.5°	1053.7	1053.0	1052.7	1052.2	1051.3	1050.4	1049.4	1048.5	1049.4	1050.4	1051.3
150°	1091.6	1091.1	1090.9	1090.7	1090.2	1089.7	1089.3	1088.8	1089.3	1089.7	1090.2
152.5°	1125.2	1125.0	1124.9	1124.6	1123.9	1123.2	1122.5	1121.8	1122.5	1123.2	1123.9
155°	1157.2	1157.0	1156.9	1156.9	1156.9	1156.9	1156.9	1156.9	1156.9	1156.9	1156.9
157.5°	1186.1	1185.9	1185.8	1185.9	1186.1	1186.4	1186.6	1186.8	1186.6	1186.4	1186.1
160°	1212.6	1212.6	1212.6	1212.8	1213.3	1213.8	1214.2	1214.7	1214.2	1213.8	1213.3
162.5°	1236.7	1236.5	1236.4	1236.7	1237.4	1238.1	1238.8	1239.5	1238.8	1238.1	1237.4
165°	1257.0	1257.0	1257.0	1257.3	1258.0	1258.7	1259.4	1260.1	1259.4	1258.7	1258.0
167.5°	1273.9	1273.6	1273.5	1274.0	1274.9	1275.8	1276.8	1277.7	1276.8	1275.8	1274.9
170°	1288.0	1288.0	1288.0	1288.5	1289.4	1290.3	1291.2	1292.1	1291.2	1290.3	1289.4
172.5°	1299.3	1299.3	1299.3	1299.8	1300.7	1301.6	1302.6	1303.5	1302.6	1301.6	1300.7
175°	1306.5	1306.5	1306.5	1307.0	1307.9	1308.8	1309.8	1310.7	1309.8	1308.8	1307.9
177.5°	1310.7	1310.7	1310.7	1311.2	1312.1	1313.0	1313.9	1314.8	1313.9	1313.0	1312.1
180°	1313.8	1313.8	1313.8	1313.8	1313.8	1313.8	1313.8	1313.8	1313.8	1313.8	1313.8

TEST NUMBER: P1032185

CATALOG NUMBER: S123RDIW-B340D1030UB35-4F0-XX-W2A-A1

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°	10.2	11.4	12.9	15.9	18.8	21.8	24.8	25.7	26.6	27.5	28.4
92.5°	36.5	37.2	37.9	39.2	40.6	41.9	43.3	44.0	44.7	45.4	46.1
95°	67.3	68.1	69.0	70.9	72.7	74.6	76.4	77.3	78.2	79.1	80.0
97.5°	104.7	105.3	106.0	107.4	108.7	110.1	111.5	112.6	113.8	114.9	116.0
100°	145.8	146.5	147.1	148.2	149.4	150.5	151.7	152.4	153.1	153.8	154.5
102.5°	189.6	189.9	190.7	192.3	193.9	195.5	197.1	197.8	198.5	199.2	199.9
105°	234.1	234.3	235.3	237.4	239.5	241.5	243.6	243.6	243.6	243.6	243.6
107.5°	286.8	286.9	287.4	288.3	289.2	290.1	291.0	291.7	292.4	293.1	293.8
110°	337.3	337.5	337.7	338.2	338.6	339.1	339.5	340.4	341.4	342.3	343.2

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CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
112.5°	387.9	388.0	388.0	388.0	388.0	388.0	388.0	389.2	390.3	391.5	392.6
115°	441.4	441.7	441.5	441.0	440.5	440.1	439.6	439.8	440.1	440.3	440.6
117.5°	492.2	492.3	492.1	491.6	491.1	490.7	490.2	490.2	490.2	490.2	490.2
120°	545.2	545.9	545.3	544.2	543.1	541.9	540.8	540.6	540.4	540.1	539.9
122.5°	593.9	594.4	594.2	593.7	593.3	592.8	592.4	591.7	591.0	590.3	589.6
125°	644.7	645.0	644.8	644.3	643.9	643.4	643.0	642.1	641.1	640.2	639.3
127.5°	694.9	695.6	695.4	694.9	694.4	694.0	693.5	692.1	690.7	689.4	688.0
130°	744.2	745.1	744.8	744.1	743.4	742.7	742.0	741.1	740.2	739.3	738.4
132.5°	791.7	792.6	792.4	791.9	791.4	791.0	790.5	789.4	788.2	787.1	786.0
135°	838.3	839.0	838.9	838.7	838.4	838.2	838.0	837.1	836.2	835.3	834.4
137.5°	881.8	882.4	882.7	883.4	884.1	884.8	885.5	884.3	883.2	882.0	880.9
140°	928.2	928.8	928.9	929.2	929.4	929.7	929.9	929.7	929.4	929.2	928.9
142.5°	970.5	971.1	971.3	971.8	972.3	972.7	973.2	973.0	972.8	972.5	972.3
145°	1012.2	1012.4	1012.7	1013.4	1014.1	1014.8	1015.5	1015.3	1015.1	1014.8	1014.6
147.5°	1052.2	1052.7	1053.0	1053.7	1054.4	1055.1	1055.8	1055.8	1055.8	1055.8	1055.8
150°	1090.7	1090.9	1091.1	1091.6	1092.0	1092.5	1092.9	1092.9	1092.9	1092.9	1092.9
152.5°	1124.6	1124.9	1125.0	1125.2	1125.5	1125.7	1125.9	1126.4	1126.8	1127.3	1127.8
155°	1156.9	1156.9	1157.0	1157.2	1157.5	1157.7	1157.9	1158.8	1159.8	1160.7	1161.6
157.5°	1185.9	1185.8	1185.9	1186.1	1186.4	1186.6	1186.8	1187.7	1188.7	1189.6	1190.5
160°	1212.8	1212.6	1212.6	1212.6	1212.6	1212.6	1212.6	1213.8	1214.9	1216.1	1217.2
162.5°	1236.7	1236.4	1236.5	1236.7	1237.0	1237.2	1237.4	1238.6	1239.7	1240.9	1242.0
165°	1257.3	1257.0	1257.0	1257.0	1257.0	1257.0	1257.0	1258.4	1259.8	1261.1	1262.5
167.5°	1274.0	1273.5	1273.6	1273.9	1274.1	1274.4	1274.6	1276.0	1277.3	1278.7	1280.0
170°	1288.5	1288.0	1288.0	1288.0	1288.0	1288.0	1288.0	1289.6	1291.2	1292.8	1294.4
172.5°	1299.8	1299.3	1299.3	1299.3	1299.3	1299.3	1299.3	1300.7	1302.1	1303.4	1304.8
175°	1307.0	1306.5	1306.5	1306.5	1306.5	1306.5	1306.5	1307.9	1309.3	1310.6	1312.0
177.5°	1311.2	1310.7	1310.7	1310.7	1310.7	1310.7	1310.7	1312.1	1313.5	1314.8	1316.2
180°	1313.8	1313.8	1313.8	1313.8	1313.8	1313.8	1313.8	1313.8	1313.8	1313.8	1313.8

TEST NUMBER: P1032185

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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°	28.9	29.1	29.6	30.1	30.5	31.0	30.5	30.1	29.6	29.1	28.9
92.5°	46.4	46.2	45.7	45.3	44.8	44.4	44.8	45.3	45.7	46.2	46.4
95°	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
97.5°	116.6	116.5	116.3	116.0	115.8	115.6	115.8	116.0	116.3	116.5	116.6
100°	154.8	155.0	155.5	156.0	156.4	156.9	156.4	156.0	155.5	155.0	154.8
102.5°	200.2	200.1	199.9	199.6	199.4	199.2	199.4	199.6	199.9	200.1	200.2
105°	243.6	243.8	244.3	244.7	245.2	245.6	245.2	244.7	244.3	243.8	243.6
107.5°	294.1	294.0	293.8	293.5	293.3	293.1	293.3	293.5	293.8	294.0	294.1
110°	343.7	343.5	343.0	342.5	342.1	341.6	342.1	342.5	343.0	343.5	343.7

TEST NUMBER: P1032185

CATALOG NUMBER: S123RDIW-B340D1030UB35-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
112.5°	393.2	393.2	393.2	393.2	393.2	393.2	393.2	393.2	393.2	393.2	393.2
115°	440.7	440.6	440.3	440.1	439.8	439.6	439.8	440.1	440.3	440.6	440.7
117.5°	490.2	489.9	489.2	488.5	487.8	487.1	487.8	488.5	489.2	489.9	490.2
120°	539.8	539.6	539.1	538.6	538.2	537.7	538.2	538.6	539.1	539.6	539.8
122.5°	589.3	589.0	588.3	587.6	586.9	586.2	586.9	587.6	588.3	589.0	589.3
125°	638.8	638.3	637.4	636.5	635.6	634.7	635.6	636.5	637.4	638.3	638.8
127.5°	687.3	686.8	685.9	685.0	684.1	683.2	684.1	685.0	685.9	686.8	687.3
130°	737.9	737.1	735.5	733.9	732.3	730.7	732.3	733.9	735.5	737.1	737.9
132.5°	785.4	784.8	783.7	782.5	781.4	780.2	781.4	782.5	783.7	784.8	785.4
135°	833.9	833.7	833.2	832.7	832.3	831.8	832.3	832.7	833.2	833.7	833.9
137.5°	880.3	880.0	879.3	878.6	877.9	877.2	877.9	878.6	879.3	880.0	880.3
140°	928.8	928.0	926.4	924.8	923.2	921.6	923.2	924.8	926.4	928.0	928.8
142.5°	972.2	971.6	970.5	969.3	968.2	967.0	968.2	969.3	970.5	971.6	972.2
145°	1014.5	1014.0	1013.1	1012.2	1011.3	1010.4	1011.3	1012.2	1013.1	1014.0	1014.5
147.5°	1055.8	1055.1	1053.7	1052.4	1051.0	1049.6	1051.0	1052.4	1053.7	1055.1	1055.8
150°	1092.9	1092.2	1090.8	1089.5	1088.1	1086.7	1088.1	1089.5	1090.8	1092.2	1092.9
152.5°	1128.0	1127.4	1126.3	1125.1	1124.0	1122.8	1124.0	1125.1	1126.3	1127.4	1128.0
155°	1162.1	1161.3	1159.7	1158.0	1156.4	1154.8	1156.4	1158.0	1159.7	1161.3	1162.1
157.5°	1191.0	1190.3	1188.9	1187.6	1186.2	1184.8	1186.2	1187.6	1188.9	1190.3	1191.0
160°	1217.8	1217.3	1216.4	1215.5	1214.6	1213.7	1214.6	1215.5	1216.4	1217.3	1217.8
162.5°	1242.6	1241.8	1240.2	1238.5	1236.9	1235.3	1236.9	1238.5	1240.2	1241.8	1242.6
165°	1263.2	1262.4	1260.8	1259.2	1257.6	1256.0	1257.6	1259.2	1260.8	1262.4	1263.2
167.5°	1280.7	1280.0	1278.7	1277.3	1276.0	1274.6	1276.0	1277.3	1278.7	1280.0	1280.7
170°	1295.2	1294.4	1292.8	1291.2	1289.6	1288.0	1289.6	1291.2	1292.8	1294.4	1295.2
172.5°	1305.5	1304.7	1303.1	1301.5	1299.9	1298.3	1299.9	1301.5	1303.1	1304.7	1305.5
175°	1312.7	1311.9	1310.3	1308.7	1307.1	1305.5	1307.1	1308.7	1310.3	1311.9	1312.7
177.5°	1316.9	1316.1	1314.5	1312.8	1311.2	1309.6	1311.2	1312.8	1314.5	1316.1	1316.9
180°	1313.8	1313.8	1313.8	1313.8	1313.8	1313.8	1313.8	1313.8	1313.8	1313.8	1313.8

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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°	28.4	27.5	26.6	25.7	24.8	21.8	18.8	15.9	12.9	11.4	10.2
92.5°	46.1	45.4	44.7	44.0	43.3	41.9	40.6	39.2	37.9	37.2	36.5
95°	80.0	79.1	78.2	77.3	76.4	74.6	72.7	70.9	69.0	68.1	67.3
97.5°	116.0	114.9	113.8	112.6	111.5	110.1	108.7	107.4	106.0	105.3	104.7
100°	154.5	153.8	153.1	152.4	151.7	150.5	149.4	148.2	147.1	146.5	145.8
102.5°	199.9	199.2	198.5	197.8	197.1	195.5	193.9	192.3	190.7	189.9	189.6
105°	243.6	243.6	243.6	243.6	243.6	241.5	239.5	237.4	235.3	234.3	234.1
107.5°	293.8	293.1	292.4	291.7	291.0	290.1	289.2	288.3	287.4	286.9	286.8
110°	343.2	342.3	341.4	340.4	339.5	339.1	338.6	338.2	337.7	337.5	337.3

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CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
112.5°	392.6	391.5	390.3	389.2	388.0	388.0	388.0	388.0	388.0	388.0	387.9
115°	440.6	440.3	440.1	439.8	439.6	440.1	440.5	441.0	441.5	441.7	441.4
117.5°	490.2	490.2	490.2	490.2	490.2	490.7	491.1	491.6	492.1	492.3	492.2
120°	539.9	540.1	540.4	540.6	540.8	541.9	543.1	544.2	545.3	545.9	545.2
122.5°	589.6	590.3	591.0	591.7	592.4	592.8	593.3	593.7	594.2	594.4	593.9
125°	639.3	640.2	641.1	642.1	643.0	643.4	643.9	644.3	644.8	645.0	644.7
127.5°	688.0	689.4	690.7	692.1	693.5	694.0	694.4	694.9	695.4	695.6	694.9
130°	738.4	739.3	740.2	741.1	742.0	742.7	743.4	744.1	744.8	745.1	744.2
132.5°	786.0	787.1	788.2	789.4	790.5	791.0	791.4	791.9	792.4	792.6	791.7
135°	834.4	835.3	836.2	837.1	838.0	838.2	838.4	838.7	838.9	839.0	838.3
137.5°	880.9	882.0	883.2	884.3	885.5	884.8	884.1	883.4	882.7	882.4	881.8
140°	928.9	929.2	929.4	929.7	929.9	929.7	929.4	929.2	928.9	928.8	928.2
142.5°	972.3	972.5	972.8	973.0	973.2	972.7	972.3	971.8	971.3	971.1	970.5
145°	1014.6	1014.8	1015.1	1015.3	1015.5	1014.8	1014.1	1013.4	1012.7	1012.4	1012.2
147.5°	1055.8	1055.8	1055.8	1055.8	1055.8	1055.1	1054.4	1053.7	1053.0	1052.7	1052.2
150°	1092.9	1092.9	1092.9	1092.9	1092.9	1092.5	1092.0	1091.6	1091.1	1090.9	1090.7
152.5°	1127.8	1127.3	1126.8	1126.4	1125.9	1125.7	1125.5	1125.2	1125.0	1124.9	1124.6
155°	1161.6	1160.7	1159.8	1158.8	1157.9	1157.7	1157.5	1157.2	1157.0	1156.9	1156.9
157.5°	1190.5	1189.6	1188.7	1187.7	1186.8	1186.6	1186.4	1186.1	1185.9	1185.8	1185.9
160°	1217.2	1216.1	1214.9	1213.8	1212.6	1212.6	1212.6	1212.6	1212.6	1212.6	1212.8
162.5°	1242.0	1240.9	1239.7	1238.6	1237.4	1237.2	1237.0	1236.7	1236.5	1236.4	1236.7
165°	1262.5	1261.1	1259.8	1258.4	1257.0	1257.0	1257.0	1257.0	1257.0	1257.0	1257.3
167.5°	1280.0	1278.7	1277.3	1276.0	1274.6	1274.4	1274.1	1273.9	1273.6	1273.5	1274.0
170°	1294.4	1292.8	1291.2	1289.6	1288.0	1288.0	1288.0	1288.0	1288.0	1288.0	1288.5
172.5°	1304.8	1303.4	1302.1	1300.7	1299.3	1299.3	1299.3	1299.3	1299.3	1299.3	1299.8
175°	1312.0	1310.6	1309.3	1307.9	1306.5	1306.5	1306.5	1306.5	1306.5	1306.5	1307.0
177.5°	1316.2	1314.8	1313.5	1312.1	1310.7	1310.7	1310.7	1310.7	1310.7	1310.7	1311.2
180°	1313.8	1313.8	1313.8	1313.8	1313.8	1313.8	1313.8	1313.8	1313.8	1313.8	1313.8

TEST NUMBER: P1032185

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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°	7.9	5.6	3.3	1.0
92.5°	35.1	33.8	32.4	31.0
95°	65.7	64.1	62.5	60.9
97.5°	103.6	102.4	101.3	100.1
100°	144.5	143.1	141.8	140.4
102.5°	188.9	188.2	187.5	186.8
105°	233.6	233.1	232.7	232.2
107.5°	286.6	286.3	286.1	285.9
110°	336.8	336.3	335.9	335.4



TEST NUMBER: P1032185

CATALOG NUMBER: S123RDIW-B340D1030UB35-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
112.5°	387.7	387.4	387.2	387.0
115°	440.7	440.0	439.3	438.6
117.5°	491.9	491.7	491.4	491.2
120°	543.9	542.5	541.2	539.8
122.5°	593.0	592.1	591.2	590.3
125°	644.0	643.3	642.6	641.9
127.5°	693.5	692.2	690.8	689.4
130°	742.4	740.5	738.7	736.9
132.5°	789.8	788.0	786.1	784.3
135°	836.9	835.6	834.2	832.8
137.5°	880.7	879.5	878.4	877.2
140°	927.1	926.0	924.8	923.7
142.5°	969.4	968.3	967.1	966.0
145°	1011.7	1011.3	1010.8	1010.4
147.5°	1051.3	1050.4	1049.4	1048.5
150°	1090.2	1089.7	1089.3	1088.8
152.5°	1123.9	1123.2	1122.5	1121.8
155°	1156.9	1156.9	1156.9	1156.9
157.5°	1186.1	1186.4	1186.6	1186.8
160°	1213.3	1213.8	1214.2	1214.7
162.5°	1237.4	1238.1	1238.8	1239.5
165°	1258.0	1258.7	1259.4	1260.1
167.5°	1274.9	1275.8	1276.8	1277.7
170°	1289.4	1290.3	1291.2	1292.1
172.5°	1300.7	1301.6	1302.6	1303.5
175°	1307.9	1308.8	1309.8	1310.7
177.5°	1312.1	1313.0	1313.9	1314.8
180°	1313.8	1313.8	1313.8	1313.8

(END OF REPORT)