

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: P1012449

Luminaire Tested: S123RDIP-B340D1195UB35-4F0-XX-W2A-A1

Issue Date: 5/7/2025

Test Information

Test Method: LM-79-2019
Report Number: P1012449
REPORT IS A COMBINATION OF REPORTS P993182 AND P1007351
Test Lab: INNOVATION CENTER
Issue Date: 5/7/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: NEO-RAY
Catalog Number: S123RDIP-B340D1195UB35-4F0-XX-W2A-A1
Description: Define 3 Regressed Direct/Indirect Pendant with 3500K BioUP LEDs {m-DER=0.721}
{m-EER=0.792}
Light Source: -
Ballast/Driver: -

Summary

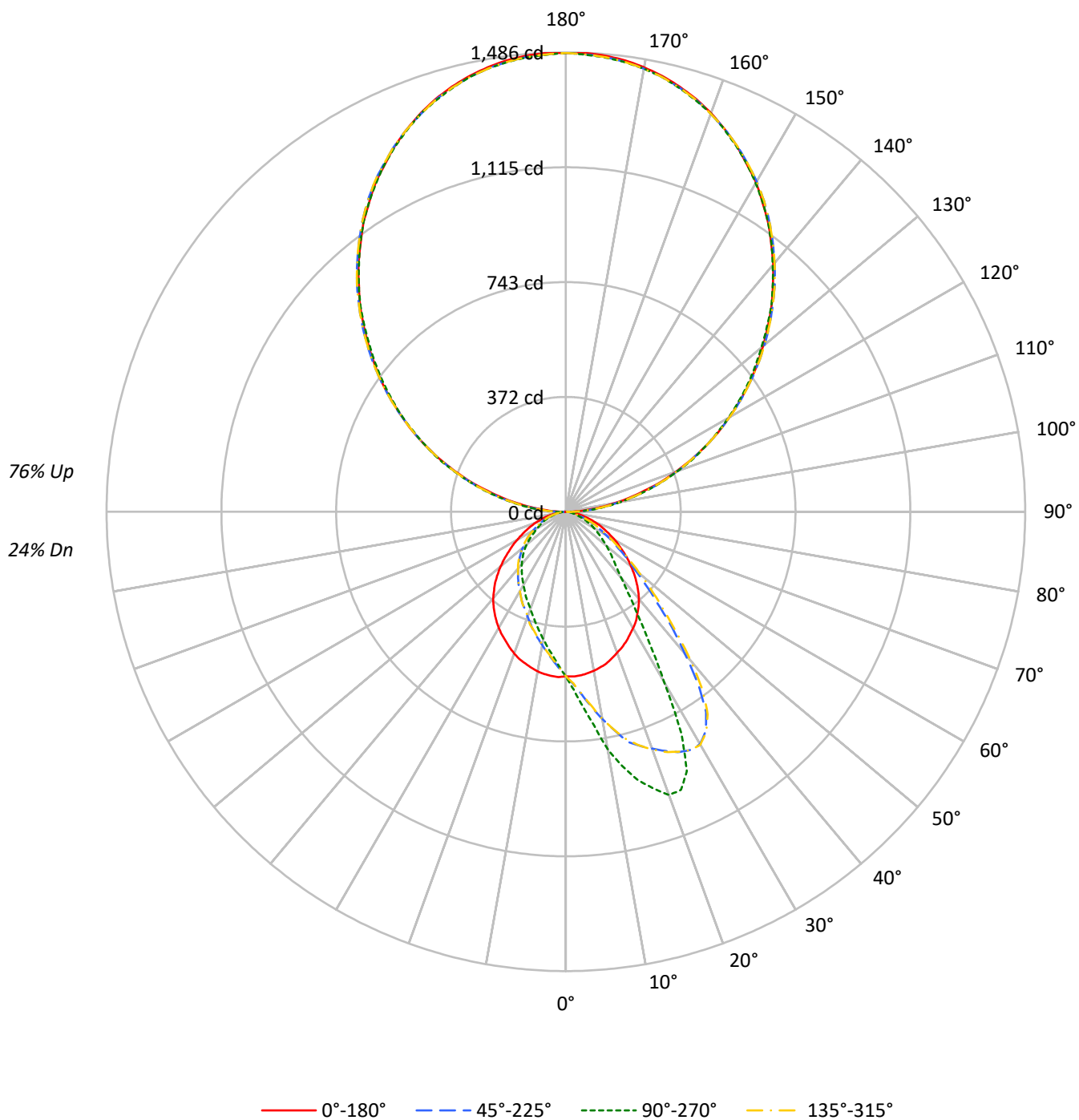
Lumens per Lamp: N/A
Luminaire Lumens: 5441.0 lumens
Efficiency: N/A
Efficacy: 113.4 lumens/watt
Spacing Criteria (0/90/45): 1.22 / 1.2 / 1.34
Luminous Opening: Rectangular w/ Sides (W: 0.25' x L: 4' x H: 0.1')
CIE Type: Semi-Indirect

Input Watts (W): 48
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					0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10
RCR																				
0	101	101	101	101	90	90	90	90	69	69	69	50	50	50	33	33	33	24		
1	92	88	85	81	82	79	76	73	61	59	57	44	43	42	29	29	28	21		
2	84	77	72	67	75	69	64	60	54	50	48	39	37	36	26	25	24	18		
3	77	68	61	56	68	61	55	51	47	44	40	35	32	30	23	22	21	16		
4	70	60	53	47	63	54	48	43	42	38	34	31	28	26	21	19	18	14		
5	65	54	46	41	57	48	42	37	38	33	30	28	25	23	19	17	16	12		
6	59	48	41	35	53	43	37	32	34	29	26	25	22	20	17	15	14	11		
7	55	43	36	31	49	39	33	28	31	26	23	23	20	18	16	14	13	10		
8	51	39	32	27	45	35	29	25	28	23	20	21	18	16	15	13	11	9		
9	47	36	29	24	42	32	26	22	26	21	18	19	16	14	13	12	10	8		
10	44	33	26	21	39	29	24	20	23	19	16	18	15	13	12	11	9	7		

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	1.0
10°-20°	163.6	3.0
20°-30°	257.6	4.7
30°-40°	267.9	4.9
40°-50°	229.2	4.2
50°-60°	174.7	3.2
60°-70°	111.9	2.1
70°-80°	53.6	1.0
80°-90°	17.2	0.3
90°-100°	95.6	1.8
100°-110°	289.2	5.3
110°-120°	492.4	9.0
120°-130°	647.7	11.9
130°-140°	728.0	13.4
140°-150°	715.8	13.2
150°-160°	602.6	11.1
160°-170°	401.2	7.4
170°-180°	140.5	2.6
0°-30°	473.5	8.7
0°-40°	741.4	13.6
0°-60°	1145.3	21.0
0°-90°	1328.1	24.4
90°-120°	877.1	16.1
90°-150°	2968.6	54.6
90°-180°	4113.0	75.6
0°-180°	5441.0	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	35	1	35	1	6
95°	69	91	69	91	69	76
105°	262	278	262	278	262	281
115°	496	497	496	497	496	490
125°	725	717	725	717	725	647
135°	941	940	941	940	941	725
145°	1142	1142	1142	1142	1142	713
155°	1307	1305	1307	1305	1307	602
165°	1424	1419	1424	1419	1424	402
175°	1481	1475	1481	1475	1481	141
180°	1484	1484	1484	1484	1484	

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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°	1.2	3.8	6.4	8.9	11.5	12.8	14.5	17.9	21.2	24.6	28.0
92.5°	35.0	36.6	38.1	39.7	41.2	42.0	42.8	44.3	45.9	47.4	49.0
95°	68.8	70.6	72.4	74.3	76.1	77.0	78.0	80.1	82.2	84.2	86.3
97.5°	113.1	114.4	115.7	117.0	118.3	118.9	119.7	121.2	122.8	124.3	125.9
100°	158.6	160.2	161.7	163.3	164.8	165.6	166.2	167.5	168.8	170.1	171.4
102.5°	211.1	211.9	212.6	213.4	214.1	214.5	215.4	217.2	219.1	220.9	222.7
105°	262.4	262.9	263.4	263.9	264.4	264.7	265.9	268.2	270.5	272.9	275.2
107.5°	323.0	323.3	323.5	323.8	324.1	324.2	324.7	325.7	326.8	327.8	328.8
110°	379.0	379.5	380.0	380.5	381.0	381.3	381.6	382.1	382.6	383.1	383.6

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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	437.3	437.5	437.8	438.0	438.3	438.4	438.4	438.4	438.4	438.4	438.4
115°	495.6	496.4	497.2	497.9	498.7	499.1	498.8	498.3	497.8	497.2	496.7
117.5°	555.0	555.3	555.5	555.8	556.1	556.2	555.9	555.4	554.9	554.4	553.9
120°	609.8	611.4	612.9	614.5	616.0	616.8	616.2	614.9	613.6	612.3	611.0
122.5°	667.0	668.0	669.0	670.1	671.1	671.6	671.3	670.8	670.3	669.8	669.3
125°	725.3	726.1	726.9	727.6	728.4	728.8	728.5	728.0	727.5	726.9	726.4
127.5°	778.9	780.5	782.0	783.6	785.1	785.9	785.6	785.1	784.6	784.1	783.6
130°	832.5	834.6	836.7	838.8	840.9	841.9	841.5	840.7	840.0	839.2	838.4
132.5°	886.2	888.3	890.3	892.4	894.5	895.5	895.2	894.7	894.2	893.7	893.2
135°	941.0	942.6	944.1	945.7	947.2	948.0	947.9	947.6	947.3	947.1	946.8
137.5°	991.1	992.4	993.7	995.0	996.3	997.0	997.4	998.1	998.9	999.6	1000.4
140°	1043.6	1044.9	1046.2	1047.5	1048.8	1049.4	1049.5	1049.8	1050.1	1050.3	1050.6
142.5°	1091.4	1092.7	1094.0	1095.3	1096.6	1097.2	1097.5	1098.0	1098.5	1099.1	1099.6
145°	1141.5	1142.0	1142.6	1143.1	1143.6	1143.9	1144.3	1145.1	1145.8	1146.6	1147.4
147.5°	1184.7	1185.7	1186.7	1187.8	1188.8	1189.3	1189.7	1190.5	1191.2	1192.0	1192.8
150°	1230.2	1230.7	1231.2	1231.7	1232.2	1232.5	1232.8	1233.3	1233.8	1234.3	1234.8
152.5°	1267.5	1268.3	1269.1	1269.8	1270.6	1271.0	1271.1	1271.4	1271.6	1271.9	1272.1
155°	1307.1	1307.1	1307.1	1307.1	1307.1	1307.1	1307.2	1307.5	1307.8	1308.0	1308.3
157.5°	1340.9	1340.7	1340.4	1340.2	1339.9	1339.8	1339.9	1340.2	1340.4	1340.7	1340.9
160°	1372.4	1371.9	1371.4	1370.9	1370.4	1370.1	1370.1	1370.1	1370.1	1370.1	1370.1
162.5°	1400.4	1399.6	1398.8	1398.1	1397.3	1396.9	1397.0	1397.3	1397.6	1397.8	1398.1
165°	1423.7	1422.9	1422.1	1421.4	1420.6	1420.2	1420.2	1420.2	1420.2	1420.2	1420.2
167.5°	1443.5	1442.5	1441.5	1440.4	1439.4	1438.9	1439.0	1439.3	1439.5	1439.8	1440.0
170°	1459.9	1458.9	1457.8	1456.8	1455.7	1455.2	1455.2	1455.2	1455.2	1455.2	1455.2
172.5°	1472.7	1471.7	1470.6	1469.6	1468.5	1468.0	1468.0	1468.0	1468.0	1468.0	1468.0
175°	1480.9	1479.9	1478.8	1477.8	1476.7	1476.2	1476.2	1476.2	1476.2	1476.2	1476.2
177.5°	1485.5	1484.5	1483.5	1482.4	1481.4	1480.9	1480.9	1480.9	1480.9	1480.9	1480.9
180°	1484.3	1484.3	1484.3	1484.3	1484.3	1484.3	1484.3	1484.3	1484.3	1484.3	1484.3

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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°	29.0	30.0	31.1	32.1	32.6	32.9	33.4	33.9	34.5	35.0	34.5
92.5°	49.8	50.6	51.3	52.1	52.5	52.2	51.7	51.2	50.6	50.1	50.6
95°	87.3	88.3	89.4	90.4	90.9	90.9	90.9	90.9	90.9	90.9	90.9
97.5°	127.2	128.5	129.8	131.1	131.8	131.7	131.4	131.1	130.9	130.6	130.9
100°	172.2	173.0	173.7	174.5	174.9	175.2	175.7	176.2	176.7	177.2	176.7
102.5°	223.5	224.3	225.0	225.8	226.2	226.1	225.8	225.5	225.3	225.0	225.3
105°	275.2	275.2	275.2	275.2	275.2	275.5	276.0	276.5	277.0	277.5	277.0
107.5°	329.6	330.4	331.1	331.9	332.3	332.2	331.9	331.7	331.4	331.2	331.4
110°	384.6	385.7	386.7	387.8	388.3	388.0	387.5	387.0	386.5	386.0	386.5

TEST NUMBER: P1012449

CATALOG NUMBER: S123RDIP-B340D1195UB35-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	439.7	441.0	442.3	443.6	444.3	444.3	444.3	444.3	444.3	444.3	444.3
115°	497.0	497.2	497.5	497.8	497.9	497.8	497.5	497.2	497.0	496.7	497.0
117.5°	553.9	553.9	553.9	553.9	553.9	553.5	552.7	552.0	551.2	550.4	551.2
120°	610.7	610.5	610.2	609.9	609.8	609.5	609.0	608.5	608.0	607.5	608.0
122.5°	668.5	667.7	667.0	666.2	665.8	665.4	664.6	663.9	663.1	662.3	663.1
125°	725.4	724.4	723.3	722.3	721.8	721.3	720.2	719.2	718.1	717.1	718.1
127.5°	782.0	780.5	778.9	777.4	776.6	776.1	775.0	774.0	772.9	771.9	772.9
130°	837.4	836.3	835.3	834.2	833.7	832.8	831.0	829.1	827.3	825.5	827.3
132.5°	891.9	890.6	889.3	888.0	887.3	886.7	885.4	884.1	882.8	881.5	882.8
135°	945.8	944.7	943.7	942.6	942.1	941.8	941.3	940.8	940.3	939.8	940.3
137.5°	999.1	997.8	996.5	995.2	994.6	994.2	993.4	992.7	991.9	991.1	991.9
140°	1050.3	1050.1	1049.8	1049.5	1049.4	1048.5	1046.7	1044.9	1043.1	1041.3	1043.1
142.5°	1099.3	1099.1	1098.8	1098.5	1098.4	1097.8	1096.5	1095.2	1093.9	1092.6	1093.9
145°	1147.1	1146.9	1146.6	1146.3	1146.2	1145.7	1144.6	1143.6	1142.5	1141.5	1142.5
147.5°	1192.8	1192.8	1192.8	1192.8	1192.8	1192.0	1190.5	1188.9	1187.4	1185.8	1187.4
150°	1234.8	1234.8	1234.8	1234.8	1234.8	1234.0	1232.5	1230.9	1229.4	1227.8	1229.4
152.5°	1272.6	1273.2	1273.7	1274.2	1274.5	1273.8	1272.5	1271.2	1269.9	1268.6	1269.9
155°	1309.3	1310.3	1311.4	1312.4	1312.9	1312.0	1310.2	1308.4	1306.6	1304.8	1306.6
157.5°	1341.9	1343.0	1344.0	1345.1	1345.6	1344.8	1343.3	1341.7	1340.2	1338.6	1340.2
160°	1371.4	1372.7	1374.0	1375.3	1375.9	1375.4	1374.3	1373.3	1372.2	1371.2	1372.2
162.5°	1399.4	1400.7	1402.0	1403.3	1403.9	1403.0	1401.2	1399.3	1397.5	1395.7	1397.5
165°	1421.8	1423.3	1424.9	1426.4	1427.2	1426.3	1424.5	1422.7	1420.9	1419.1	1420.9
167.5°	1441.6	1443.1	1444.7	1446.2	1447.0	1446.2	1444.7	1443.1	1441.6	1440.0	1441.6
170°	1457.0	1458.8	1460.7	1462.5	1463.4	1462.5	1460.7	1458.8	1457.0	1455.2	1457.0
172.5°	1469.6	1471.1	1472.7	1474.2	1475.0	1474.1	1472.3	1470.5	1468.7	1466.9	1468.7
175°	1477.8	1479.3	1480.9	1482.4	1483.2	1482.3	1480.5	1478.6	1476.8	1475.0	1476.8
177.5°	1482.4	1484.0	1485.5	1487.0	1487.8	1486.9	1485.1	1483.3	1481.5	1479.7	1481.5
180°	1484.3	1484.3	1484.3	1484.3	1484.3	1484.3	1484.3	1484.3	1484.3	1484.3	1484.3

TEST NUMBER: P1012449

CATALOG NUMBER: S123RDIP-B340D1195UB35-4F0-XX-W2A-A1

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°	33.9	33.4	32.9	32.6	32.1	31.1	30.0	29.0	28.0	24.6	21.2
92.5°	51.2	51.7	52.2	52.5	52.1	51.3	50.6	49.8	49.0	47.4	45.9
95°	90.9	90.9	90.9	90.9	90.4	89.4	88.3	87.3	86.3	84.2	82.2
97.5°	131.1	131.4	131.7	131.8	131.1	129.8	128.5	127.2	125.9	124.3	122.8
100°	176.2	175.7	175.2	174.9	174.5	173.7	173.0	172.2	171.4	170.1	168.8
102.5°	225.5	225.8	226.1	226.2	225.8	225.0	224.3	223.5	222.7	220.9	219.1
105°	276.5	276.0	275.5	275.2	275.2	275.2	275.2	275.2	275.2	272.9	270.5
107.5°	331.7	331.9	332.2	332.3	331.9	331.1	330.4	329.6	328.8	327.8	326.8
110°	387.0	387.5	388.0	388.3	387.8	386.7	385.7	384.6	383.6	383.1	382.6

TEST NUMBER: P1012449

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CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	444.3	444.3	444.3	444.3	443.6	442.3	441.0	439.7	438.4	438.4	438.4
115°	497.2	497.5	497.8	497.9	497.8	497.5	497.2	497.0	496.7	497.2	497.8
117.5°	552.0	552.7	553.5	553.9	553.9	553.9	553.9	553.9	553.9	554.4	554.9
120°	608.5	609.0	609.5	609.8	609.9	610.2	610.5	610.7	611.0	612.3	613.6
122.5°	663.9	664.6	665.4	665.8	666.2	667.0	667.7	668.5	669.3	669.8	670.3
125°	719.2	720.2	721.3	721.8	722.3	723.3	724.4	725.4	726.4	726.9	727.5
127.5°	774.0	775.0	776.1	776.6	777.4	778.9	780.5	782.0	783.6	784.1	784.6
130°	829.1	831.0	832.8	833.7	834.2	835.3	836.3	837.4	838.4	839.2	840.0
132.5°	884.1	885.4	886.7	887.3	888.0	889.3	890.6	891.9	893.2	893.7	894.2
135°	940.8	941.3	941.8	942.1	942.6	943.7	944.7	945.8	946.8	947.1	947.3
137.5°	992.7	993.4	994.2	994.6	995.2	996.5	997.8	999.1	1000.4	999.6	998.9
140°	1044.9	1046.7	1048.5	1049.4	1049.5	1049.8	1050.1	1050.3	1050.6	1050.3	1050.1
142.5°	1095.2	1096.5	1097.8	1098.4	1098.5	1098.8	1099.1	1099.3	1099.6	1099.1	1098.5
145°	1143.6	1144.6	1145.7	1146.2	1146.3	1146.6	1146.9	1147.1	1147.4	1146.6	1145.8
147.5°	1188.9	1190.5	1192.0	1192.8	1192.8	1192.8	1192.8	1192.8	1192.8	1192.0	1191.2
150°	1230.9	1232.5	1234.0	1234.8	1234.8	1234.8	1234.8	1234.8	1234.8	1234.3	1233.8
152.5°	1271.2	1272.5	1273.8	1274.5	1274.2	1273.7	1273.2	1272.6	1272.1	1271.9	1271.6
155°	1308.4	1310.2	1312.0	1312.9	1312.4	1311.4	1310.3	1309.3	1308.3	1308.0	1307.8
157.5°	1341.7	1343.3	1344.8	1345.6	1345.1	1344.0	1343.0	1341.9	1340.9	1340.7	1340.4
160°	1373.3	1374.3	1375.4	1375.9	1375.3	1374.0	1372.7	1371.4	1370.1	1370.1	1370.1
162.5°	1399.3	1401.2	1403.0	1403.9	1403.3	1402.0	1400.7	1399.4	1398.1	1397.8	1397.6
165°	1422.7	1424.5	1426.3	1427.2	1426.4	1424.9	1423.3	1421.8	1420.2	1420.2	1420.2
167.5°	1443.1	1444.7	1446.2	1447.0	1446.2	1444.7	1443.1	1441.6	1440.0	1439.8	1439.5
170°	1458.8	1460.7	1462.5	1463.4	1462.5	1460.7	1458.8	1457.0	1455.2	1455.2	1455.2
172.5°	1470.5	1472.3	1474.1	1475.0	1474.2	1472.7	1471.1	1469.6	1468.0	1468.0	1468.0
175°	1478.6	1480.5	1482.3	1483.2	1482.4	1480.9	1479.3	1477.8	1476.2	1476.2	1476.2
177.5°	1483.3	1485.1	1486.9	1487.8	1487.0	1485.5	1484.0	1482.4	1480.9	1480.9	1480.9
180°	1484.3	1484.3	1484.3	1484.3	1484.3	1484.3	1484.3	1484.3	1484.3	1484.3	1484.3

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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°	17.9	14.5	12.8	11.5	8.9	6.4	3.8	1.2	3.8	6.4	8.9
92.5°	44.3	42.8	42.0	41.2	39.7	38.1	36.6	35.0	36.6	38.1	39.7
95°	80.1	78.0	77.0	76.1	74.3	72.4	70.6	68.8	70.6	72.4	74.3
97.5°	121.2	119.7	118.9	118.3	117.0	115.7	114.4	113.1	114.4	115.7	117.0
100°	167.5	166.2	165.6	164.8	163.3	161.7	160.2	158.6	160.2	161.7	163.3
102.5°	217.2	215.4	214.5	214.1	213.4	212.6	211.9	211.1	211.9	212.6	213.4
105°	268.2	265.9	264.7	264.4	263.9	263.4	262.9	262.4	262.9	263.4	263.9
107.5°	325.7	324.7	324.2	324.1	323.8	323.5	323.3	323.0	323.3	323.5	323.8
110°	382.1	381.6	381.3	381.0	380.5	380.0	379.5	379.0	379.5	380.0	380.5

TEST NUMBER: P1012449

CATALOG NUMBER: S123RDIP-B340D1195UB35-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
112.5°	438.4	438.4	438.4	438.3	438.0	437.8	437.5	437.3	437.5	437.8	438.0
115°	498.3	498.8	499.1	498.7	497.9	497.2	496.4	495.6	496.4	497.2	497.9
117.5°	555.4	555.9	556.2	556.1	555.8	555.5	555.3	555.0	555.3	555.5	555.8
120°	614.9	616.2	616.8	616.0	614.5	612.9	611.4	609.8	611.4	612.9	614.5
122.5°	670.8	671.3	671.6	671.1	670.1	669.0	668.0	667.0	668.0	669.0	670.1
125°	728.0	728.5	728.8	728.4	727.6	726.9	726.1	725.3	726.1	726.9	727.6
127.5°	785.1	785.6	785.9	785.1	783.6	782.0	780.5	778.9	780.5	782.0	783.6
130°	840.7	841.5	841.9	840.9	838.8	836.7	834.6	832.5	834.6	836.7	838.8
132.5°	894.7	895.2	895.5	894.5	892.4	890.3	888.3	886.2	888.3	890.3	892.4
135°	947.6	947.9	948.0	947.2	945.7	944.1	942.6	941.0	942.6	944.1	945.7
137.5°	998.1	997.4	997.0	996.3	995.0	993.7	992.4	991.1	992.4	993.7	995.0
140°	1049.8	1049.5	1049.4	1048.8	1047.5	1046.2	1044.9	1043.6	1044.9	1046.2	1047.5
142.5°	1098.0	1097.5	1097.2	1096.6	1095.3	1094.0	1092.7	1091.4	1092.7	1094.0	1095.3
145°	1145.1	1144.3	1143.9	1143.6	1143.1	1142.6	1142.0	1141.5	1142.0	1142.6	1143.1
147.5°	1190.5	1189.7	1189.3	1188.8	1187.8	1186.7	1185.7	1184.7	1185.7	1186.7	1187.8
150°	1233.3	1232.8	1232.5	1232.2	1231.7	1231.2	1230.7	1230.2	1230.7	1231.2	1231.7
152.5°	1271.4	1271.1	1271.0	1270.6	1269.8	1269.1	1268.3	1267.5	1268.3	1269.1	1269.8
155°	1307.5	1307.2	1307.1	1307.1	1307.1	1307.1	1307.1	1307.1	1307.1	1307.1	1307.1
157.5°	1340.2	1339.9	1339.8	1339.9	1340.2	1340.4	1340.7	1340.9	1340.7	1340.4	1340.2
160°	1370.1	1370.1	1370.1	1370.4	1370.9	1371.4	1371.9	1372.4	1371.9	1371.4	1370.9
162.5°	1397.3	1397.0	1396.9	1397.3	1398.1	1398.8	1399.6	1400.4	1399.6	1398.8	1398.1
165°	1420.2	1420.2	1420.2	1420.6	1421.4	1422.1	1422.9	1423.7	1422.9	1422.1	1421.4
167.5°	1439.3	1439.0	1438.9	1439.4	1440.4	1441.5	1442.5	1443.5	1442.5	1441.5	1440.4
170°	1455.2	1455.2	1455.2	1455.7	1456.8	1457.8	1458.9	1459.9	1458.9	1457.8	1456.8
172.5°	1468.0	1468.0	1468.0	1468.5	1469.6	1470.6	1471.7	1472.7	1471.7	1470.6	1469.6
175°	1476.2	1476.2	1476.2	1476.7	1477.8	1478.8	1479.9	1480.9	1479.9	1478.8	1477.8
177.5°	1480.9	1480.9	1480.9	1481.4	1482.4	1483.5	1484.5	1485.5	1484.5	1483.5	1482.4
180°	1484.3	1484.3	1484.3	1484.3	1484.3	1484.3	1484.3	1484.3	1484.3	1484.3	1484.3

TEST NUMBER: P1012449

CATALOG NUMBER: S123RDIP-B340D1195UB35-4F0-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°	11.5	12.8	14.5	17.9	21.2	24.6	28.0	29.0	30.0	31.1	32.1
92.5°	41.2	42.0	42.8	44.3	45.9	47.4	49.0	49.8	50.6	51.3	52.1
95°	76.1	77.0	78.0	80.1	82.2	84.2	86.3	87.3	88.3	89.4	90.4
97.5°	118.3	118.9	119.7	121.2	122.8	124.3	125.9	127.2	128.5	129.8	131.1
100°	164.8	165.6	166.2	167.5	168.8	170.1	171.4	172.2	173.0	173.7	174.5
102.5°	214.1	214.5	215.4	217.2	219.1	220.9	222.7	223.5	224.3	225.0	225.8
105°	264.4	264.7	265.9	268.2	270.5	272.9	275.2	275.2	275.2	275.2	275.2
107.5°	324.1	324.2	324.7	325.7	326.8	327.8	328.8	329.6	330.4	331.1	331.9
110°	381.0	381.3	381.6	382.1	382.6	383.1	383.6	384.6	385.7	386.7	387.8

TEST NUMBER: P1012449

CATALOG NUMBER: S123RDIP-B340D1195UB35-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
112.5°	438.3	438.4	438.4	438.4	438.4	438.4	438.4	439.7	441.0	442.3	443.6
115°	498.7	499.1	498.8	498.3	497.8	497.2	496.7	497.0	497.2	497.5	497.8
117.5°	556.1	556.2	555.9	555.4	554.9	554.4	553.9	553.9	553.9	553.9	553.9
120°	616.0	616.8	616.2	614.9	613.6	612.3	611.0	610.7	610.5	610.2	609.9
122.5°	671.1	671.6	671.3	670.8	670.3	669.8	669.3	668.5	667.7	667.0	666.2
125°	728.4	728.8	728.5	728.0	727.5	726.9	726.4	725.4	724.4	723.3	722.3
127.5°	785.1	785.9	785.6	785.1	784.6	784.1	783.6	782.0	780.5	778.9	777.4
130°	840.9	841.9	841.5	840.7	840.0	839.2	838.4	837.4	836.3	835.3	834.2
132.5°	894.5	895.5	895.2	894.7	894.2	893.7	893.2	891.9	890.6	889.3	888.0
135°	947.2	948.0	947.9	947.6	947.3	947.1	946.8	945.8	944.7	943.7	942.6
137.5°	996.3	997.0	997.4	998.1	998.9	999.6	1000.4	999.1	997.8	996.5	995.2
140°	1048.8	1049.4	1049.5	1049.8	1050.1	1050.3	1050.6	1050.3	1050.1	1049.8	1049.5
142.5°	1096.6	1097.2	1097.5	1098.0	1098.5	1099.1	1099.6	1099.3	1099.1	1098.8	1098.5
145°	1143.6	1143.9	1144.3	1145.1	1145.8	1146.6	1147.4	1147.1	1146.9	1146.6	1146.3
147.5°	1188.8	1189.3	1189.7	1190.5	1191.2	1192.0	1192.8	1192.8	1192.8	1192.8	1192.8
150°	1232.2	1232.5	1232.8	1233.3	1233.8	1234.3	1234.8	1234.8	1234.8	1234.8	1234.8
152.5°	1270.6	1271.0	1271.1	1271.4	1271.6	1271.9	1272.1	1272.6	1273.2	1273.7	1274.2
155°	1307.1	1307.1	1307.2	1307.5	1307.8	1308.0	1308.3	1309.3	1310.3	1311.4	1312.4
157.5°	1339.9	1339.8	1339.9	1340.2	1340.4	1340.7	1340.9	1341.9	1343.0	1344.0	1345.1
160°	1370.4	1370.1	1370.1	1370.1	1370.1	1370.1	1370.1	1371.4	1372.7	1374.0	1375.3
162.5°	1397.3	1396.9	1397.0	1397.3	1397.6	1397.8	1398.1	1399.4	1400.7	1402.0	1403.3
165°	1420.6	1420.2	1420.2	1420.2	1420.2	1420.2	1420.2	1421.8	1423.3	1424.9	1426.4
167.5°	1439.4	1438.9	1439.0	1439.3	1439.5	1439.8	1440.0	1441.6	1443.1	1444.7	1446.2
170°	1455.7	1455.2	1455.2	1455.2	1455.2	1455.2	1455.2	1457.0	1458.8	1460.7	1462.5
172.5°	1468.5	1468.0	1468.0	1468.0	1468.0	1468.0	1468.0	1469.6	1471.1	1472.7	1474.2
175°	1476.7	1476.2	1476.2	1476.2	1476.2	1476.2	1476.2	1477.8	1479.3	1480.9	1482.4
177.5°	1481.4	1480.9	1480.9	1480.9	1480.9	1480.9	1480.9	1482.4	1484.0	1485.5	1487.0
180°	1484.3	1484.3	1484.3	1484.3	1484.3	1484.3	1484.3	1484.3	1484.3	1484.3	1484.3

TEST NUMBER: P1012449

CATALOG NUMBER: S123RDIP-B340D1195UB35-4F0-XX-W2A-A1

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°	32.6	32.9	33.4	33.9	34.5	35.0	34.5	33.9	33.4	32.9	32.6
92.5°	52.5	52.2	51.7	51.2	50.6	50.1	50.6	51.2	51.7	52.2	52.5
95°	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
97.5°	131.8	131.7	131.4	131.1	130.9	130.6	130.9	131.1	131.4	131.7	131.8
100°	174.9	175.2	175.7	176.2	176.7	177.2	176.7	176.2	175.7	175.2	174.9
102.5°	226.2	226.1	225.8	225.5	225.3	225.0	225.3	225.5	225.8	226.1	226.2
105°	275.2	275.5	276.0	276.5	277.0	277.5	277.0	276.5	276.0	275.5	275.2
107.5°	332.3	332.2	331.9	331.7	331.4	331.2	331.4	331.7	331.9	332.2	332.3
110°	388.3	388.0	387.5	387.0	386.5	386.0	386.5	387.0	387.5	388.0	388.3

TEST NUMBER: P1012449

CATALOG NUMBER: S123RDIP-B340D1195UB35-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
112.5°	444.3	444.3	444.3	444.3	444.3	444.3	444.3	444.3	444.3	444.3	444.3
115°	497.9	497.8	497.5	497.2	497.0	496.7	497.0	497.2	497.5	497.8	497.9
117.5°	553.9	553.5	552.7	552.0	551.2	550.4	551.2	552.0	552.7	553.5	553.9
120°	609.8	609.5	609.0	608.5	608.0	607.5	608.0	608.5	609.0	609.5	609.8
122.5°	665.8	665.4	664.6	663.9	663.1	662.3	663.1	663.9	664.6	665.4	665.8
125°	721.8	721.3	720.2	719.2	718.1	717.1	718.1	719.2	720.2	721.3	721.8
127.5°	776.6	776.1	775.0	774.0	772.9	771.9	772.9	774.0	775.0	776.1	776.6
130°	833.7	832.8	831.0	829.1	827.3	825.5	827.3	829.1	831.0	832.8	833.7
132.5°	887.3	886.7	885.4	884.1	882.8	881.5	882.8	884.1	885.4	886.7	887.3
135°	942.1	941.8	941.3	940.8	940.3	939.8	940.3	940.8	941.3	941.8	942.1
137.5°	994.6	994.2	993.4	992.7	991.9	991.1	991.9	992.7	993.4	994.2	994.6
140°	1049.4	1048.5	1046.7	1044.9	1043.1	1041.3	1043.1	1044.9	1046.7	1048.5	1049.4
142.5°	1098.4	1097.8	1096.5	1095.2	1093.9	1092.6	1093.9	1095.2	1096.5	1097.8	1098.4
145°	1146.2	1145.7	1144.6	1143.6	1142.5	1141.5	1142.5	1143.6	1144.6	1145.7	1146.2
147.5°	1192.8	1192.0	1190.5	1188.9	1187.4	1185.8	1187.4	1188.9	1190.5	1192.0	1192.8
150°	1234.8	1234.0	1232.5	1230.9	1229.4	1227.8	1229.4	1230.9	1232.5	1234.0	1234.8
152.5°	1274.5	1273.8	1272.5	1271.2	1269.9	1268.6	1269.9	1271.2	1272.5	1273.8	1274.5
155°	1312.9	1312.0	1310.2	1308.4	1306.6	1304.8	1306.6	1308.4	1310.2	1312.0	1312.9
157.5°	1345.6	1344.8	1343.3	1341.7	1340.2	1338.6	1340.2	1341.7	1343.3	1344.8	1345.6
160°	1375.9	1375.4	1374.3	1373.3	1372.2	1371.2	1372.2	1373.3	1374.3	1375.4	1375.9
162.5°	1403.9	1403.0	1401.2	1399.3	1397.5	1395.7	1397.5	1399.3	1401.2	1403.0	1403.9
165°	1427.2	1426.3	1424.5	1422.7	1420.9	1419.1	1420.9	1422.7	1424.5	1426.3	1427.2
167.5°	1447.0	1446.2	1444.7	1443.1	1441.6	1440.0	1441.6	1443.1	1444.7	1446.2	1447.0
170°	1463.4	1462.5	1460.7	1458.8	1457.0	1455.2	1457.0	1458.8	1460.7	1462.5	1463.4
172.5°	1475.0	1474.1	1472.3	1470.5	1468.7	1466.9	1468.7	1470.5	1472.3	1474.1	1475.0
175°	1483.2	1482.3	1480.5	1478.6	1476.8	1475.0	1476.8	1478.6	1480.5	1482.3	1483.2
177.5°	1487.8	1486.9	1485.1	1483.3	1481.5	1479.7	1481.5	1483.3	1485.1	1486.9	1487.8
180°	1484.3	1484.3	1484.3	1484.3	1484.3	1484.3	1484.3	1484.3	1484.3	1484.3	1484.3

TEST NUMBER: P1012449

CATALOG NUMBER: S123RDIP-B340D1195UB35-4F0-XX-W2A-A1

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°	32.1	31.1	30.0	29.0	28.0	24.6	21.2	17.9	14.5	12.8	11.5
92.5°	52.1	51.3	50.6	49.8	49.0	47.4	45.9	44.3	42.8	42.0	41.2
95°	90.4	89.4	88.3	87.3	86.3	84.2	82.2	80.1	78.0	77.0	76.1
97.5°	131.1	129.8	128.5	127.2	125.9	124.3	122.8	121.2	119.7	118.9	118.3
100°	174.5	173.7	173.0	172.2	171.4	170.1	168.8	167.5	166.2	165.6	164.8
102.5°	225.8	225.0	224.3	223.5	222.7	220.9	219.1	217.2	215.4	214.5	214.1
105°	275.2	275.2	275.2	275.2	275.2	272.9	270.5	268.2	265.9	264.7	264.4
107.5°	331.9	331.1	330.4	329.6	328.8	327.8	326.8	325.7	324.7	324.2	324.1
110°	387.8	386.7	385.7	384.6	383.6	383.1	382.6	382.1	381.6	381.3	381.0

TEST NUMBER: P1012449

CATALOG NUMBER: S123RDIP-B340D1195UB35-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
112.5°	443.6	442.3	441.0	439.7	438.4	438.4	438.4	438.4	438.4	438.4	438.3
115°	497.8	497.5	497.2	497.0	496.7	497.2	497.8	498.3	498.8	499.1	498.7
117.5°	553.9	553.9	553.9	553.9	553.9	554.4	554.9	555.4	555.9	556.2	556.1
120°	609.9	610.2	610.5	610.7	611.0	612.3	613.6	614.9	616.2	616.8	616.0
122.5°	666.2	667.0	667.7	668.5	669.3	669.8	670.3	670.8	671.3	671.6	671.1
125°	722.3	723.3	724.4	725.4	726.4	726.9	727.5	728.0	728.5	728.8	728.4
127.5°	777.4	778.9	780.5	782.0	783.6	784.1	784.6	785.1	785.6	785.9	785.1
130°	834.2	835.3	836.3	837.4	838.4	839.2	840.0	840.7	841.5	841.9	840.9
132.5°	888.0	889.3	890.6	891.9	893.2	893.7	894.2	894.7	895.2	895.5	894.5
135°	942.6	943.7	944.7	945.8	946.8	947.1	947.3	947.6	947.9	948.0	947.2
137.5°	995.2	996.5	997.8	999.1	1000.4	999.6	998.9	998.1	997.4	997.0	996.3
140°	1049.5	1049.8	1050.1	1050.3	1050.6	1050.3	1050.1	1049.8	1049.5	1049.4	1048.8
142.5°	1098.5	1098.8	1099.1	1099.3	1099.6	1099.1	1098.5	1098.0	1097.5	1097.2	1096.6
145°	1146.3	1146.6	1146.9	1147.1	1147.4	1146.6	1145.8	1145.1	1144.3	1143.9	1143.6
147.5°	1192.8	1192.8	1192.8	1192.8	1192.8	1192.0	1191.2	1190.5	1189.7	1189.3	1188.8
150°	1234.8	1234.8	1234.8	1234.8	1234.8	1234.3	1233.8	1233.3	1232.8	1232.5	1232.2
152.5°	1274.2	1273.7	1273.2	1272.6	1272.1	1271.9	1271.6	1271.4	1271.1	1271.0	1270.6
155°	1312.4	1311.4	1310.3	1309.3	1308.3	1308.0	1307.8	1307.5	1307.2	1307.1	1307.1
157.5°	1345.1	1344.0	1343.0	1341.9	1340.9	1340.7	1340.4	1340.2	1339.9	1339.8	1339.9
160°	1375.3	1374.0	1372.7	1371.4	1370.1	1370.1	1370.1	1370.1	1370.1	1370.1	1370.4
162.5°	1403.3	1402.0	1400.7	1399.4	1398.1	1397.8	1397.6	1397.3	1397.0	1396.9	1397.3
165°	1426.4	1424.9	1423.3	1421.8	1420.2	1420.2	1420.2	1420.2	1420.2	1420.2	1420.6
167.5°	1446.2	1444.7	1443.1	1441.6	1440.0	1439.8	1439.5	1439.3	1439.0	1438.9	1439.4
170°	1462.5	1460.7	1458.8	1457.0	1455.2	1455.2	1455.2	1455.2	1455.2	1455.2	1455.7
172.5°	1474.2	1472.7	1471.1	1469.6	1468.0	1468.0	1468.0	1468.0	1468.0	1468.0	1468.5
175°	1482.4	1480.9	1479.3	1477.8	1476.2	1476.2	1476.2	1476.2	1476.2	1476.2	1476.7
177.5°	1487.0	1485.5	1484.0	1482.4	1480.9	1480.9	1480.9	1480.9	1480.9	1480.9	1481.4
180°	1484.3	1484.3	1484.3	1484.3	1484.3	1484.3	1484.3	1484.3	1484.3	1484.3	1484.3

TEST NUMBER: P1012449

CATALOG NUMBER: S123RDIP-B340D1195UB35-4F0-XX-W2A-A1

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°	8.9	6.4	3.8	1.2
92.5°	39.7	38.1	36.6	35.0
95°	74.3	72.4	70.6	68.8
97.5°	117.0	115.7	114.4	113.1
100°	163.3	161.7	160.2	158.6
102.5°	213.4	212.6	211.9	211.1
105°	263.9	263.4	262.9	262.4
107.5°	323.8	323.5	323.3	323.0
110°	380.5	380.0	379.5	379.0

TEST NUMBER: P1012449

CATALOG NUMBER: S123RDIP-B340D1195UB35-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
112.5°	438.0	437.8	437.5	437.3
115°	497.9	497.2	496.4	495.6
117.5°	555.8	555.5	555.3	555.0
120°	614.5	612.9	611.4	609.8
122.5°	670.1	669.0	668.0	667.0
125°	727.6	726.9	726.1	725.3
127.5°	783.6	782.0	780.5	778.9
130°	838.8	836.7	834.6	832.5
132.5°	892.4	890.3	888.3	886.2
135°	945.7	944.1	942.6	941.0
137.5°	995.0	993.7	992.4	991.1
140°	1047.5	1046.2	1044.9	1043.6
142.5°	1095.3	1094.0	1092.7	1091.4
145°	1143.1	1142.6	1142.0	1141.5
147.5°	1187.8	1186.7	1185.7	1184.7
150°	1231.7	1231.2	1230.7	1230.2
152.5°	1269.8	1269.1	1268.3	1267.5
155°	1307.1	1307.1	1307.1	1307.1
157.5°	1340.2	1340.4	1340.7	1340.9
160°	1370.9	1371.4	1371.9	1372.4
162.5°	1398.1	1398.8	1399.6	1400.4
165°	1421.4	1422.1	1422.9	1423.7
167.5°	1440.4	1441.5	1442.5	1443.5
170°	1456.8	1457.8	1458.9	1459.9
172.5°	1469.6	1470.6	1471.7	1472.7
175°	1477.8	1478.8	1479.9	1480.9
177.5°	1482.4	1483.5	1484.5	1485.5
180°	1484.3	1484.3	1484.3	1484.3

(END OF REPORT)