

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: P1032177

Luminaire Tested: S123RDIW-B340D1030UB27-4F0-XX-W2A-A1

Issue Date: 5/7/2025

Test Information

Test Method: LM-79-2019
Report Number: P1032177
REPORT IS A COMBINATION OF REPORTS P994160 AND P1007351
Test Lab: INNOVATION CENTER
Issue Date: 5/7/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: NEO-RAY
Catalog Number: S123RDIW-B340D1030UB27-4F0-XX-W2A-A1
Description: Define 3 Regressed Direct/Indirect Wall Mount with 2700K BioUP LEDs {m-DER=0.473}
{m-EER=0.52}
Light Source: -
Ballast/Driver: -

Summary

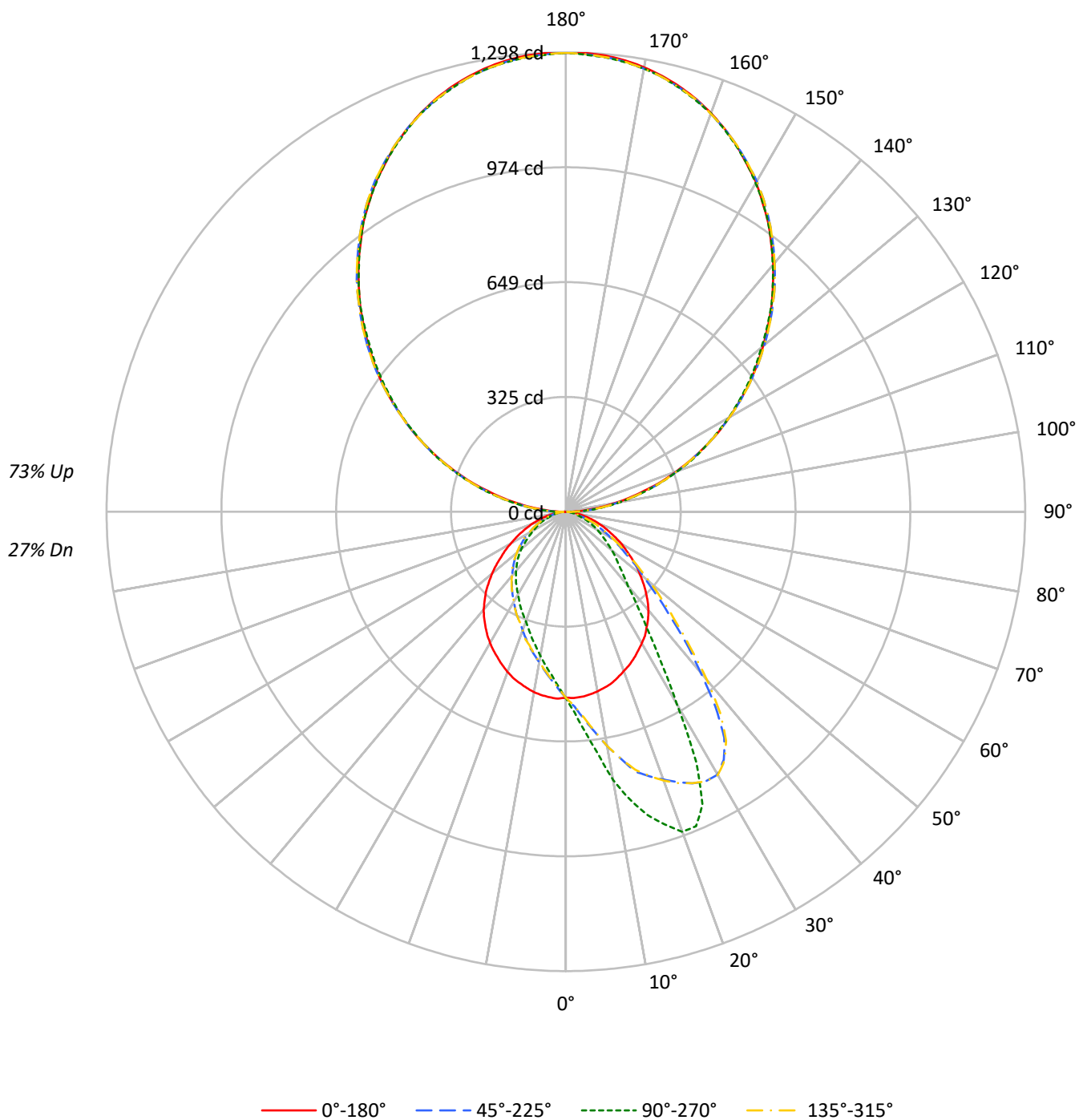
Lumens per Lamp: N/A
Luminaire Lumens: 4904.0 lumens
Efficiency: N/A
Efficacy: 110.2 lumens/watt
Spacing Criteria (0/90/45): 1.22 / 1.2 / 1.34
Luminous Opening: Rectangular w/ Sides (W: 0.25' x L: 4' x H: 0.1')
CIE Type: Semi-Indirect

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

TEST NUMBER: P1032177

CATALOG NUMBER: S123RDIW-B340D1030UB27-4F0-XX-W2A-A1

Luminous Intensity Polar Plot





TEST NUMBER: P1032177

CATALOG NUMBER: S123RDIW-B340D1030UB27-4F0-XX-W2A-A1

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	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	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°	5654	5654	5654	5654
5°	5658	6512	5673	4831
10°	5609	7861	5633	4220
15°	5551	8922	5551	3721
20°	5437	9623	5468	3301
25°	5353	9143	5343	3012
30°	5256	6335	5245	2729
35°	5140	4067	5117	2516
40°	4994	2872	4970	2304
45°	4742	2299	4736	2097
50°	4431	1922	4417	1856
55°	4082	1585	4050	1574
60°	3739	1310	3702	1338
65°	3338	1049	3360	1135
70°	2965	729	3045	918
75°	2514	541	2617	706
80°	2003	358	2172	529
85°	1422	168	1556	328

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 30°

Vertical Angle: 45°

Luminance: 7549 cd/sqm

TEST NUMBER: P1032177

CATALOG NUMBER: S123RDIW-B340D1030UB27-4F0-XX-W2A-A1

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	51.6	1.1
10°-20°	161.5	3.3
20°-30°	254.3	5.2
30°-40°	264.5	5.4
40°-50°	226.3	4.6
50°-60°	172.5	3.5
60°-70°	110.5	2.3
70°-80°	52.9	1.1
80°-90°	16.6	0.3
90°-100°	83.5	1.7
100°-110°	252.7	5.2
110°-120°	430.1	8.8
120°-130°	565.9	11.5
130°-140°	636.1	13.0
140°-150°	625.3	12.8
150°-160°	526.5	10.7
160°-170°	350.5	7.1
170°-180°	122.7	2.5
0°-30°	467.4	9.5
0°-40°	731.9	14.9
0°-60°	1130.6	23.1
0°-90°	1310.7	26.7
90°-120°	766.3	15.6
90°-150°	2593.6	52.9
90°-180°	3593.0	73.3
0°-180°	4904.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	525	525	525	525	525	
5°	525	624	526	463	525	50
15°	502	886	502	370	502	141
25°	456	913	455	301	456	210
35°	398	396	396	245	398	249
45°	319	211	319	193	319	246
55°	225	133	224	132	225	202
65°	138	76	139	83	138	138
75°	66	32	69	42	66	71
85°	15	8	16	15	15	17
90°	1	31	1	31	1	5
95°	60	80	60	80	60	66
105°	229	242	229	242	229	245
115°	433	434	433	434	433	428
125°	634	626	634	626	634	565
135°	822	821	822	821	822	633
145°	997	997	997	997	997	623
155°	1142	1140	1142	1140	1142	526
165°	1244	1240	1244	1240	1244	351
175°	1294	1289	1294	1289	1294	123
180°	1297	1297	1297	1297	1297	

TEST NUMBER: P1032177

CATALOG NUMBER: S123RDIW-B340D1030UB27-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	525.3	525.3	525.3	525.3	525.3	525.3	525.3	525.3	525.3	525.3	525.3
2.5°	526.6	530.2	532.9	534.7	539.2	541.9	544.2	548.2	548.2	549.1	550.9
5°	524.8	532.5	537.9	545.1	554.5	559.0	565.3	570.7	578.4	582.4	586.5
7.5°	520.8	531.6	542.8	553.6	567.6	576.6	582.9	596.8	606.7	618.8	628.3
10°	515.4	530.2	544.6	561.3	580.2	593.6	603.1	621.5	640.4	657.5	671.9
12.5°	508.6	526.6	547.3	567.6	594.1	607.6	622.9	645.8	672.8	694.4	713.7
15°	501.5	522.1	545.5	570.3	603.5	622.4	644.5	672.4	702.5	733.5	760.1
17.5°	490.2	516.3	542.4	578.4	617.5	628.7	647.6	685.8	723.2	751.1	783.4
20°	479.0	508.2	541.0	573.4	615.7	641.8	659.3	699.8	739.8	773.5	804.6
22.5°	468.6	499.2	533.4	574.3	613.9	640.0	662.0	704.3	750.6	788.4	826.6
25°	456.0	489.3	527.1	565.8	613.9	633.7	658.0	707.0	756.0	799.6	846.8
27.5°	442.5	476.3	513.6	553.2	597.2	626.5	650.3	702.9	762.7	809.5	858.1
30°	429.0	463.7	499.7	535.2	584.7	612.5	640.0	698.0	766.3	819.9	857.2
32.5°	416.0	445.2	480.8	515.4	564.4	595.0	626.0	693.0	767.7	812.7	830.7
35°	398.0	428.6	457.4	494.3	543.7	573.9	610.3	692.6	761.8	789.7	780.7
37.5°	381.4	407.0	434.4	467.3	518.1	557.2	595.0	680.9	742.5	744.3	693.5
40°	362.9	384.1	407.0	441.6	496.5	535.2	576.1	662.9	707.4	680.9	591.4
42.5°	341.8	360.7	378.7	412.4	472.2	515.4	559.5	640.4	656.6	595.4	502.4
45°	319.3	334.6	351.2	386.8	446.6	489.3	533.4	605.8	589.2	502.8	414.2
47.5°	295.9	309.0	325.2	357.5	419.2	462.8	504.6	556.3	514.0	421.4	347.2
50°	272.5	282.9	298.6	331.9	391.3	430.8	469.5	503.3	443.9	361.6	286.9
52.5°	249.6	257.7	273.9	302.2	359.8	397.6	425.4	438.5	378.2	298.6	249.2
55°	225.3	234.3	245.1	273.9	331.0	358.9	377.3	376.9	314.8	253.2	206.0
57.5°	201.9	210.0	219.5	248.3	294.6	313.5	329.2	321.6	262.6	207.3	176.7
60°	181.2	185.7	196.1	220.4	255.4	271.6	280.6	267.6	214.5	174.9	146.2
62.5°	158.8	163.3	171.8	194.7	216.3	224.9	232.5	215.9	177.2	142.6	125.0
65°	138.1	143.9	149.3	167.8	179.4	189.8	188.9	174.9	138.5	116.0	101.6
67.5°	120.1	122.3	126.8	138.1	143.5	151.1	151.6	135.8	111.5	94.4	85.9
70°	100.7	103.0	106.1	111.5	115.1	116.9	116.0	102.1	84.1	73.8	66.1
72.5°	84.1	83.7	85.9	85.9	89.5	89.0	86.3	75.6	63.9	55.3	50.8
75°	66.1	66.6	67.0	66.1	64.8	63.0	60.7	52.6	45.0	40.9	36.9
77.5°	51.7	50.8	51.3	48.1	46.3	44.5	41.4	37.3	31.0	30.1	28.3
80°	36.9	36.4	36.0	34.6	30.6	28.8	26.5	24.3	22.9	22.0	21.6
82.5°	24.7	24.7	23.8	21.1	18.9	17.5	17.1	16.2	14.8	14.8	14.4
85°	14.8	14.4	13.5	10.8	9.4	9.4	9.4	9.4	8.5	8.5	8.1
87.5°	5.8	5.4	4.0	4.0	3.6	3.6	3.6	3.1	3.1	2.7	2.7
90°	1.0	3.3	5.5	7.8	10.1	11.2	12.7	15.6	18.5	21.5	24.4
92.5°	30.6	32.0	33.3	34.7	36.0	36.7	37.4	38.7	40.1	41.4	42.8
95°	60.1	61.7	63.3	64.8	66.4	67.2	68.1	69.9	71.8	73.6	75.4
97.5°	98.8	99.9	101.1	102.2	103.3	103.9	104.6	105.9	107.3	108.6	110.0
100°	138.5	139.9	141.3	142.6	144.0	144.7	145.3	146.4	147.5	148.7	149.8
102.5°	184.4	185.1	185.7	186.4	187.1	187.4	188.2	189.8	191.4	193.0	194.6
105°	229.2	229.6	230.1	230.5	231.0	231.2	232.2	234.3	236.3	238.4	240.4
107.5°	282.2	282.4	282.6	282.9	283.1	283.2	283.7	284.6	285.5	286.4	287.3
110°	331.1	331.5	332.0	332.4	332.9	333.1	333.3	333.8	334.3	334.7	335.2

TEST NUMBER: P1032177

CATALOG NUMBER: S123RDIW-B340D1030UB27-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	382.0	382.2	382.4	382.7	382.9	383.0	383.0	383.0	383.0	383.0	383.0
115°	433.0	433.7	434.3	435.0	435.7	436.0	435.8	435.3	434.9	434.4	434.0
117.5°	484.9	485.1	485.3	485.6	485.8	485.9	485.7	485.2	484.8	484.3	483.9
120°	532.8	534.2	535.5	536.9	538.2	538.9	538.3	537.2	536.1	534.9	533.8
122.5°	582.7	583.6	584.5	585.4	586.3	586.8	586.6	586.1	585.6	585.2	584.7
125°	633.6	634.3	635.0	635.7	636.4	636.7	636.5	636.0	635.6	635.1	634.7
127.5°	680.5	681.9	683.2	684.6	685.9	686.6	686.4	685.9	685.5	685.0	684.6
130°	727.4	729.2	731.0	732.8	734.6	735.5	735.2	734.5	733.8	733.2	732.5
132.5°	774.2	776.0	777.8	779.7	781.5	782.4	782.2	781.7	781.2	780.8	780.3
135°	822.1	823.5	824.8	826.2	827.5	828.2	828.1	827.9	827.6	827.4	827.2
137.5°	865.9	867.0	868.2	869.3	870.4	871.0	871.3	872.0	872.7	873.4	874.1
140°	911.7	912.8	914.0	915.1	916.2	916.8	916.9	917.2	917.4	917.7	917.9
142.5°	953.5	954.6	955.8	956.9	958.0	958.6	958.8	959.3	959.7	960.2	960.6
145°	997.3	997.8	998.2	998.7	999.2	999.4	999.7	1000.4	1001.1	1001.7	1002.4
147.5°	1035.0	1035.9	1036.8	1037.7	1038.6	1039.1	1039.4	1040.1	1040.8	1041.4	1042.1
150°	1074.7	1075.2	1075.6	1076.1	1076.6	1076.8	1077.0	1077.5	1077.9	1078.4	1078.8
152.5°	1107.3	1108.0	1108.7	1109.4	1110.1	1110.4	1110.5	1110.7	1111.0	1111.2	1111.4
155°	1142.0	1142.0	1142.0	1142.0	1142.0	1142.0	1142.1	1142.3	1142.6	1142.8	1143.0
157.5°	1171.5	1171.3	1171.1	1170.8	1170.6	1170.5	1170.6	1170.8	1171.1	1171.3	1171.5
160°	1199.0	1198.6	1198.1	1197.7	1197.2	1197.0	1197.0	1197.0	1197.0	1197.0	1197.0
162.5°	1223.5	1222.8	1222.1	1221.4	1220.7	1220.4	1220.5	1220.7	1221.0	1221.2	1221.4
165°	1243.8	1243.1	1242.5	1241.8	1241.1	1240.8	1240.8	1240.8	1240.8	1240.8	1240.8
167.5°	1261.2	1260.3	1259.4	1258.5	1257.6	1257.1	1257.2	1257.4	1257.7	1257.9	1258.1
170°	1275.4	1274.5	1273.6	1272.7	1271.8	1271.4	1271.4	1271.4	1271.4	1271.4	1271.4
172.5°	1286.6	1285.7	1284.8	1283.9	1283.0	1282.6	1282.6	1282.6	1282.6	1282.6	1282.6
175°	1293.8	1292.9	1292.0	1291.1	1290.2	1289.7	1289.7	1289.7	1289.7	1289.7	1289.7
177.5°	1297.8	1296.9	1296.0	1295.1	1294.2	1293.8	1293.8	1293.8	1293.8	1293.8	1293.8
180°	1296.8	1296.8	1296.8	1296.8	1296.8	1296.8	1296.8	1296.8	1296.8	1296.8	1296.8

TEST NUMBER: P1032177

CATALOG NUMBER: S123RDIW-B340D1030UB27-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	525.3	525.3	525.3	525.3	525.3	525.3	525.3	525.3	525.3	525.3	525.3
2.5°	554.5	554.5	558.6	562.6	560.4	561.7	566.7	564.9	568.5	568.0	569.4
5°	596.3	601.3	605.3	613.9	615.2	613.9	622.4	624.7	628.7	623.8	626.0
7.5°	643.6	653.9	663.8	676.4	680.4	681.3	685.8	692.1	697.5	687.6	692.6
10°	689.4	705.2	725.4	736.7	746.6	750.2	753.8	757.8	764.1	769.9	765.4
12.5°	738.9	761.8	781.2	801.4	813.6	812.2	822.6	825.3	830.2	831.6	833.4
15°	779.4	811.8	823.9	854.0	856.7	865.7	877.4	887.8	889.1	886.4	886.4
17.5°	818.1	846.0	867.5	891.8	896.8	904.4	919.3	924.2	926.0	925.6	925.6
20°	849.5	868.0	904.4	924.7	932.7	942.6	953.0	959.3	960.6	962.4	959.7
22.5°	870.2	898.1	927.8	944.4	951.2	954.8	961.5	963.3	961.1	961.5	962.0
25°	886.4	913.9	931.8	936.3	935.9	931.4	926.5	917.9	917.0	913.4	906.2
27.5°	890.9	901.3	899.0	880.6	862.1	860.3	830.7	814.5	796.0	798.7	788.4
30°	866.6	853.1	821.2	774.4	755.1	723.6	690.3	655.7	642.2	627.4	654.8
32.5°	807.3	759.2	702.5	641.8	609.4	581.5	546.0	520.8	506.4	494.3	517.6
35°	717.8	642.7	567.6	510.0	483.5	458.3	425.0	412.4	394.4	396.2	398.5
37.5°	602.6	519.9	463.2	406.6	389.0	378.7	354.4	335.1	328.8	327.0	327.0
40°	494.7	426.8	376.4	331.9	318.4	309.9	290.5	281.5	274.8	273.0	275.2
42.5°	409.3	351.2	312.1	282.4	273.0	262.2	254.1	242.9	241.5	238.4	242.4
45°	343.6	293.2	264.0	242.4	234.3	230.3	221.3	214.5	211.8	211.4	214.5
47.5°	291.4	252.3	226.7	213.2	206.9	202.8	195.2	192.5	189.8	190.7	189.3
50°	244.7	215.4	198.8	186.6	182.6	178.5	173.6	170.9	169.5	169.5	169.1
52.5°	210.0	185.7	174.9	163.7	161.9	159.7	154.3	152.5	150.2	149.8	151.6
55°	179.9	163.3	152.5	145.7	143.9	139.4	137.2	134.9	133.6	132.7	133.1
57.5°	153.8	141.2	134.0	128.2	125.0	123.2	119.2	118.7	117.8	117.8	117.4
60°	132.2	123.2	114.7	111.1	108.8	106.6	106.1	103.4	102.1	103.0	102.5
62.5°	112.0	104.8	99.8	95.8	94.4	92.6	91.3	90.4	89.0	89.5	89.5
65°	93.5	87.7	84.1	80.5	80.1	78.3	77.8	76.9	76.9	76.5	77.4
67.5°	76.9	72.9	69.7	67.5	66.1	66.6	64.8	63.4	63.4	63.0	64.3
70°	61.2	58.9	55.8	53.1	51.3	51.3	49.0	48.6	48.6	48.6	48.1
72.5°	47.2	43.2	41.8	40.9	40.9	40.9	40.0	40.0	39.6	40.0	39.6
75°	35.1	34.6	33.7	33.3	33.3	32.8	32.4	32.4	32.4	32.4	32.4
77.5°	27.4	27.4	26.5	26.1	26.1	26.1	25.6	25.6	25.2	25.2	25.2
80°	20.2	20.2	19.3	19.3	19.3	18.9	18.9	18.9	19.3	18.9	18.9
82.5°	13.9	13.9	13.5	13.9	13.5	13.0	13.0	13.0	12.6	13.0	13.0
85°	8.1	8.1	7.6	7.2	7.6	7.6	7.2	7.6	7.2	7.6	7.2
87.5°	3.1	2.7	2.7	2.7	2.2	2.7	2.2	2.2	2.7	2.2	2.7
90°	25.3	26.2	27.1	28.0	28.5	28.7	29.2	29.7	30.1	30.6	30.1
92.5°	43.5	44.1	44.8	45.5	45.8	45.6	45.1	44.7	44.2	43.8	44.2
95°	76.3	77.2	78.1	79.0	79.5	79.5	79.5	79.5	79.5	79.5	79.5
97.5°	111.1	112.3	113.4	114.5	115.1	115.0	114.8	114.5	114.3	114.1	114.3
100°	150.5	151.1	151.8	152.5	152.8	153.0	153.5	153.9	154.4	154.8	154.4
102.5°	195.3	195.9	196.6	197.3	197.6	197.5	197.3	197.0	196.8	196.6	196.8
105°	240.4	240.4	240.4	240.4	240.4	240.6	241.1	241.6	242.0	242.5	242.0
107.5°	288.0	288.6	289.3	290.0	290.3	290.2	290.0	289.7	289.5	289.3	289.5
110°	336.1	337.0	337.9	338.8	339.2	339.0	338.5	338.1	337.6	337.2	337.6

TEST NUMBER: P1032177

CATALOG NUMBER: S123RDIW-B340D1030UB27-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	384.1	385.3	386.4	387.5	388.1	388.1	388.1	388.1	388.1	388.1	388.1
115°	434.2	434.4	434.7	434.9	435.0	434.9	434.7	434.4	434.2	434.0	434.2
117.5°	483.9	483.9	483.9	483.9	483.9	483.6	482.9	482.2	481.5	480.8	481.5
120°	533.6	533.4	533.1	532.9	532.8	532.6	532.1	531.6	531.2	530.7	531.2
122.5°	584.0	583.4	582.7	582.0	581.7	581.4	580.7	580.0	579.3	578.6	579.3
125°	633.8	632.9	632.0	631.1	630.6	630.1	629.2	628.3	627.4	626.5	627.4
127.5°	683.2	681.9	680.5	679.2	678.5	678.0	677.1	676.2	675.3	674.4	675.3
130°	731.6	730.7	729.8	728.9	728.4	727.6	726.0	724.4	722.8	721.2	722.8
132.5°	779.2	778.0	776.9	775.8	775.2	774.6	773.5	772.4	771.2	770.1	771.2
135°	826.3	825.4	824.5	823.6	823.1	822.9	822.4	822.0	821.5	821.1	821.5
137.5°	873.0	871.8	870.7	869.6	869.0	868.7	868.0	867.3	866.6	865.9	866.6
140°	917.7	917.4	917.2	916.9	916.8	916.0	914.4	912.9	911.3	909.7	911.3
142.5°	960.4	960.2	959.9	959.7	959.6	959.0	957.9	956.8	955.6	954.5	955.6
145°	1002.2	1002.0	1001.7	1001.5	1001.4	1000.9	1000.0	999.1	998.2	997.3	998.2
147.5°	1042.1	1042.1	1042.1	1042.1	1042.1	1041.4	1040.1	1038.7	1037.4	1036.0	1037.4
150°	1078.8	1078.8	1078.8	1078.8	1078.8	1078.1	1076.8	1075.4	1074.1	1072.7	1074.1
152.5°	1111.9	1112.3	1112.8	1113.3	1113.5	1112.9	1111.8	1110.7	1109.5	1108.4	1109.5
155°	1143.9	1144.8	1145.7	1146.6	1147.1	1146.3	1144.7	1143.1	1141.5	1139.9	1141.5
157.5°	1172.4	1173.3	1174.2	1175.1	1175.6	1174.9	1173.6	1172.2	1170.9	1169.5	1170.9
160°	1198.1	1199.3	1200.4	1201.5	1202.1	1201.6	1200.7	1199.8	1198.9	1198.0	1198.9
162.5°	1222.5	1223.7	1224.8	1225.9	1226.5	1225.7	1224.1	1222.6	1221.0	1219.4	1221.0
165°	1242.2	1243.5	1244.9	1246.2	1246.9	1246.1	1244.5	1243.0	1241.4	1239.8	1241.4
167.5°	1259.5	1260.8	1262.2	1263.5	1264.2	1263.5	1262.2	1260.8	1259.5	1258.1	1259.5
170°	1273.0	1274.6	1276.1	1277.7	1278.5	1277.7	1276.1	1274.6	1273.0	1271.4	1273.0
172.5°	1284.0	1285.3	1286.7	1288.0	1288.7	1287.9	1286.3	1284.7	1283.1	1281.5	1283.1
175°	1291.1	1292.4	1293.8	1295.1	1295.8	1295.0	1293.4	1291.9	1290.3	1288.7	1290.3
177.5°	1295.2	1296.5	1297.9	1299.2	1299.9	1299.1	1297.5	1295.9	1294.3	1292.7	1294.3
180°	1296.8	1296.8	1296.8	1296.8	1296.8	1296.8	1296.8	1296.8	1296.8	1296.8	1296.8

TEST NUMBER: P1032177

CATALOG NUMBER: S123RDIW-B340D1030UB27-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	525.3	525.3	525.3	525.3	525.3	525.3	525.3	525.3	525.3	525.3	525.3
2.5°	567.1	564.4	562.6	561.3	559.9	564.0	558.6	552.7	548.7	546.0	545.1
5°	626.5	620.6	615.7	611.6	612.5	612.5	603.1	592.7	583.8	578.8	573.4
7.5°	695.3	689.0	679.1	676.8	675.1	663.8	654.4	635.5	624.2	613.0	603.1
10°	763.6	755.6	746.1	743.0	738.5	724.5	710.1	685.8	671.9	651.2	638.2
12.5°	827.5	817.6	808.2	805.9	799.2	787.0	762.3	737.1	713.3	691.2	668.3
15°	881.0	878.3	863.9	854.9	840.1	823.5	818.1	783.9	753.8	730.8	689.4
17.5°	926.0	913.4	899.9	894.1	888.2	868.9	849.5	814.5	782.1	748.4	721.8
20°	962.0	948.0	938.6	930.1	927.4	905.3	874.7	843.7	808.2	770.4	735.8
22.5°	963.8	962.0	955.7	950.7	945.3	930.9	906.7	868.0	830.2	788.8	743.4
25°	926.5	923.8	941.7	937.2	940.8	935.4	922.4	890.0	846.0	797.4	751.5
27.5°	814.0	841.5	869.8	879.7	886.4	905.8	912.1	894.1	858.5	806.8	755.6
30°	661.1	697.5	743.4	768.1	787.0	823.0	869.8	875.6	859.0	817.6	754.7
32.5°	519.0	552.3	589.2	618.4	643.6	717.3	780.3	825.7	833.8	812.2	756.9
35°	418.3	432.6	467.7	495.6	529.8	592.7	667.0	740.3	789.7	792.4	750.2
37.5°	344.9	352.6	383.2	398.9	419.2	474.5	543.7	639.5	716.4	752.9	731.3
40°	285.6	303.1	320.7	329.7	344.0	382.3	448.8	523.9	619.3	686.7	702.0
42.5°	247.8	255.4	266.7	279.3	288.3	321.6	366.1	434.9	520.8	614.8	657.1
45°	218.6	221.3	233.0	241.1	250.5	273.9	305.4	362.9	438.5	531.1	603.1
47.5°	194.3	199.7	206.0	210.9	217.2	235.2	262.2	304.0	370.6	453.3	530.7
50°	172.7	175.8	183.9	186.2	190.7	203.3	224.0	255.9	310.8	376.9	456.9
52.5°	152.5	158.3	161.5	164.6	168.7	179.0	192.5	218.6	259.9	322.0	389.9
55°	136.7	138.5	143.0	145.7	148.9	156.1	167.8	187.1	219.5	268.9	333.3
57.5°	121.4	121.4	125.9	128.2	131.3	136.7	147.1	161.9	185.3	222.2	281.1
60°	105.2	105.7	109.3	112.0	112.9	118.3	126.8	138.5	156.5	183.5	231.6
62.5°	90.8	93.1	94.9	95.8	98.9	102.1	109.3	117.4	130.0	153.8	188.0
65°	78.7	79.2	80.5	81.4	82.8	86.3	91.7	97.1	107.9	125.5	153.4
67.5°	64.8	66.6	68.4	68.4	69.7	71.5	76.9	81.4	89.5	99.8	118.7
70°	48.6	49.5	52.2	53.5	55.3	58.5	61.2	63.9	70.2	77.8	92.2
72.5°	40.5	40.5	41.4	41.8	41.8	44.1	48.1	50.8	54.0	59.4	69.3
75°	32.4	32.4	33.7	33.3	34.2	35.1	35.5	37.3	39.1	43.2	49.0
77.5°	25.6	26.1	26.1	26.5	26.5	27.0	27.4	28.3	29.2	31.5	34.2
80°	18.9	19.3	19.3	19.8	19.8	20.2	20.7	21.1	22.0	22.9	24.3
82.5°	13.0	13.5	13.5	13.9	13.5	13.9	14.4	14.4	14.8	15.7	16.2
85°	7.6	7.6	8.1	7.6	7.6	7.6	8.1	8.1	8.5	9.9	9.9
87.5°	2.2	2.7	2.2	2.7	2.7	2.7	2.7	3.1	3.1	3.6	4.0
90°	29.7	29.2	28.7	28.5	28.0	27.1	26.2	25.3	24.4	21.5	18.5
92.5°	44.7	45.1	45.6	45.8	45.5	44.8	44.1	43.5	42.8	41.4	40.1
95°	79.5	79.5	79.5	79.5	79.0	78.1	77.2	76.3	75.4	73.6	71.8
97.5°	114.5	114.8	115.0	115.1	114.5	113.4	112.3	111.1	110.0	108.6	107.3
100°	153.9	153.5	153.0	152.8	152.5	151.8	151.1	150.5	149.8	148.7	147.5
102.5°	197.0	197.3	197.5	197.6	197.3	196.6	195.9	195.3	194.6	193.0	191.4
105°	241.6	241.1	240.6	240.4	240.4	240.4	240.4	240.4	240.4	238.4	236.3
107.5°	289.7	290.0	290.2	290.3	290.0	289.3	288.6	288.0	287.3	286.4	285.5
110°	338.1	338.5	339.0	339.2	338.8	337.9	337.0	336.1	335.2	334.7	334.3

TEST NUMBER: P1032177

CATALOG NUMBER: S123RDIW-B340D1030UB27-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	388.1	388.1	388.1	388.1	387.5	386.4	385.3	384.1	383.0	383.0	383.0
115°	434.4	434.7	434.9	435.0	434.9	434.7	434.4	434.2	434.0	434.4	434.9
117.5°	482.2	482.9	483.6	483.9	483.9	483.9	483.9	483.9	483.9	484.3	484.8
120°	531.6	532.1	532.6	532.8	532.9	533.1	533.4	533.6	533.8	534.9	536.1
122.5°	580.0	580.7	581.4	581.7	582.0	582.7	583.4	584.0	584.7	585.2	585.6
125°	628.3	629.2	630.1	630.6	631.1	632.0	632.9	633.8	634.7	635.1	635.6
127.5°	676.2	677.1	678.0	678.5	679.2	680.5	681.9	683.2	684.6	685.0	685.5
130°	724.4	726.0	727.6	728.4	728.9	729.8	730.7	731.6	732.5	733.2	733.8
132.5°	772.4	773.5	774.6	775.2	775.8	776.9	778.0	779.2	780.3	780.8	781.2
135°	822.0	822.4	822.9	823.1	823.6	824.5	825.4	826.3	827.2	827.4	827.6
137.5°	867.3	868.0	868.7	869.0	869.6	870.7	871.8	873.0	874.1	873.4	872.7
140°	912.9	914.4	916.0	916.8	916.9	917.2	917.4	917.7	917.9	917.7	917.4
142.5°	956.8	957.9	959.0	959.6	959.7	959.9	960.2	960.4	960.6	960.2	959.7
145°	999.1	1000.0	1000.9	1001.4	1001.5	1001.7	1002.0	1002.2	1002.4	1001.7	1001.1
147.5°	1038.7	1040.1	1041.4	1042.1	1042.1	1042.1	1042.1	1042.1	1042.1	1041.4	1040.8
150°	1075.4	1076.8	1078.1	1078.8	1078.8	1078.8	1078.8	1078.8	1078.8	1078.4	1077.9
152.5°	1110.7	1111.8	1112.9	1113.5	1113.3	1112.8	1112.3	1111.9	1111.4	1111.2	1111.0
155°	1143.1	1144.7	1146.3	1147.1	1146.6	1145.7	1144.8	1143.9	1143.0	1142.8	1142.6
157.5°	1172.2	1173.6	1174.9	1175.6	1175.1	1174.2	1173.3	1172.4	1171.5	1171.3	1171.1
160°	1199.8	1200.7	1201.6	1202.1	1201.5	1200.4	1199.3	1198.1	1197.0	1197.0	1197.0
162.5°	1222.6	1224.1	1225.7	1226.5	1225.9	1224.8	1223.7	1222.5	1221.4	1221.2	1221.0
165°	1243.0	1244.5	1246.1	1246.9	1246.2	1244.9	1243.5	1242.2	1240.8	1240.8	1240.8
167.5°	1260.8	1262.2	1263.5	1264.2	1263.5	1262.2	1260.8	1259.5	1258.1	1257.9	1257.7
170°	1274.6	1276.1	1277.7	1278.5	1277.7	1276.1	1274.6	1273.0	1271.4	1271.4	1271.4
172.5°	1284.7	1286.3	1287.9	1288.7	1288.0	1286.7	1285.3	1284.0	1282.6	1282.6	1282.6
175°	1291.9	1293.4	1295.0	1295.8	1295.1	1293.8	1292.4	1291.1	1289.7	1289.7	1289.7
177.5°	1295.9	1297.5	1299.1	1299.9	1299.2	1297.9	1296.5	1295.2	1293.8	1293.8	1293.8
180°	1296.8	1296.8	1296.8	1296.8	1296.8	1296.8	1296.8	1296.8	1296.8	1296.8	1296.8

TEST NUMBER: P1032177

CATALOG NUMBER: S123RDIW-B340D1030UB27-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
0°	525.3	525.3	525.3	525.3	525.3	525.3	525.3	525.3	525.3	525.3	525.3
2.5°	543.7	541.5	539.2	539.2	534.3	529.8	527.5	528.4	525.7	522.1	518.5
5°	567.6	558.6	556.8	551.8	545.1	535.6	530.7	526.2	520.8	513.6	506.9
7.5°	589.6	577.9	571.6	566.7	553.6	540.6	529.8	522.6	513.1	502.4	494.3
10°	618.4	596.8	590.1	578.8	560.4	541.9	529.3	517.6	504.6	492.0	481.2
12.5°	641.3	616.6	604.0	592.7	568.9	545.5	524.4	510.0	494.3	480.3	466.4
15°	667.4	639.5	617.5	604.0	573.9	545.5	521.7	501.5	483.9	466.8	454.7
17.5°	680.0	644.9	635.0	615.7	572.1	543.7	514.5	492.9	471.8	452.0	437.6
20°	699.8	658.9	634.1	621.1	582.4	540.6	506.4	481.7	459.6	438.5	423.2
22.5°	701.1	656.6	640.4	615.7	568.0	531.1	499.2	469.1	443.4	423.6	407.9
25°	698.0	652.6	630.1	610.3	570.7	525.7	484.8	455.1	429.9	407.0	388.6
27.5°	696.6	640.9	619.7	599.9	555.4	510.0	476.3	442.5	413.8	393.5	374.6
30°	694.8	628.3	602.6	579.7	538.8	497.9	457.4	428.1	400.7	375.1	356.2
32.5°	683.1	611.2	585.1	560.8	516.7	475.8	443.9	412.9	383.2	359.3	342.2
35°	679.5	595.4	561.3	535.2	492.0	455.6	421.9	396.2	368.3	344.5	324.3
37.5°	669.2	579.3	542.4	509.1	464.1	429.5	404.8	379.1	352.1	326.5	310.3
40°	651.2	560.4	518.5	484.4	438.0	403.0	380.0	361.1	334.6	311.7	291.9
42.5°	624.7	541.0	496.1	460.1	408.8	376.0	357.1	339.1	316.6	292.8	276.6
45°	594.1	515.4	473.6	433.5	381.4	349.4	329.7	318.9	298.2	277.9	259.0
47.5°	552.3	488.9	447.5	406.1	353.0	322.0	306.3	295.5	281.1	259.0	243.8
50°	499.7	454.7	415.6	378.7	325.2	295.5	279.7	271.6	259.5	243.8	228.9
52.5°	441.2	415.1	382.7	348.5	296.8	268.9	254.5	248.3	239.3	224.4	211.8
55°	382.3	371.0	349.0	315.3	267.1	244.2	231.6	223.5	216.8	206.0	195.2
57.5°	329.7	324.3	309.0	282.9	242.4	218.6	207.8	202.4	197.0	188.9	178.1
60°	275.2	281.1	265.3	252.3	215.4	194.7	185.3	179.4	176.7	169.5	162.8
62.5°	228.0	233.4	224.4	214.5	188.4	170.0	164.2	158.8	157.0	150.7	143.9
65°	185.3	192.0	185.3	179.9	164.2	148.9	141.7	139.0	137.2	133.1	127.7
67.5°	147.5	154.3	151.1	144.4	139.4	126.8	122.8	120.1	119.2	116.0	111.5
70°	111.1	120.5	121.4	117.4	112.9	107.0	104.3	103.4	101.2	98.5	95.8
72.5°	80.1	90.8	91.3	91.3	88.6	88.6	85.9	84.6	84.6	81.9	78.7
75°	58.9	66.1	67.0	67.9	69.3	70.6	68.8	68.8	68.4	65.7	64.3
77.5°	39.1	45.4	47.7	50.8	52.6	52.6	53.5	54.4	53.5	52.2	51.3
80°	25.2	29.7	32.4	34.2	36.9	38.2	39.6	40.0	39.1	38.7	37.3
82.5°	16.6	18.0	19.3	21.6	24.7	27.0	27.0	26.5	27.4	27.0	26.5
85°	9.4	10.3	10.8	11.2	13.0	15.3	15.7	16.2	17.1	16.2	15.3
87.5°	3.6	4.0	4.0	4.0	4.9	5.4	6.7	8.5	8.1	7.2	7.2
90°	15.6	12.7	11.2	10.1	7.8	5.5	3.3	1.0	3.3	5.5	7.8
92.5°	38.7	37.4	36.7	36.0	34.7	33.3	32.0	30.6	32.0	33.3	34.7
95°	69.9	68.1	67.2	66.4	64.8	63.3	61.7	60.1	61.7	63.3	64.8
97.5°	105.9	104.6	103.9	103.3	102.2	101.1	99.9	98.8	99.9	101.1	102.2
100°	146.4	145.3	144.7	144.0	142.6	141.3	139.9	138.5	139.9	141.3	142.6
102.5°	189.8	188.2	187.4	187.1	186.4	185.7	185.1	184.4	185.1	185.7	186.4
105°	234.3	232.2	231.2	231.0	230.5	230.1	229.6	229.2	229.6	230.1	230.5
107.5°	284.6	283.7	283.2	283.1	282.9	282.6	282.4	282.2	282.4	282.6	282.9
110°	333.8	333.3	333.1	332.9	332.4	332.0	331.5	331.1	331.5	332.0	332.4

TEST NUMBER: P1032177

CATALOG NUMBER: S123RDIW-B340D1030UB27-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
112.5°	383.0	383.0	383.0	382.9	382.7	382.4	382.2	382.0	382.2	382.4	382.7
115°	435.3	435.8	436.0	435.7	435.0	434.3	433.7	433.0	433.7	434.3	435.0
117.5°	485.2	485.7	485.9	485.8	485.6	485.3	485.1	484.9	485.1	485.3	485.6
120°	537.2	538.3	538.9	538.2	536.9	535.5	534.2	532.8	534.2	535.5	536.9
122.5°	586.1	586.6	586.8	586.3	585.4	584.5	583.6	582.7	583.6	584.5	585.4
125°	636.0	636.5	636.7	636.4	635.7	635.0	634.3	633.6	634.3	635.0	635.7
127.5°	685.9	686.4	686.6	685.9	684.6	683.2	681.9	680.5	681.9	683.2	684.6
130°	734.5	735.2	735.5	734.6	732.8	731.0	729.2	727.4	729.2	731.0	732.8
132.5°	781.7	782.2	782.4	781.5	779.7	777.8	776.0	774.2	776.0	777.8	779.7
135°	827.9	828.1	828.2	827.5	826.2	824.8	823.5	822.1	823.5	824.8	826.2
137.5°	872.0	871.3	871.0	870.4	869.3	868.2	867.0	865.9	867.0	868.2	869.3
140°	917.2	916.9	916.8	916.2	915.1	914.0	912.8	911.7	912.8	914.0	915.1
142.5°	959.3	958.8	958.6	958.0	956.9	955.8	954.6	953.5	954.6	955.8	956.9
145°	1000.4	999.7	999.4	999.2	998.7	998.2	997.8	997.3	997.8	998.2	998.7
147.5°	1040.1	1039.4	1039.1	1038.6	1037.7	1036.8	1035.9	1035.0	1035.9	1036.8	1037.7
150°	1077.5	1077.0	1076.8	1076.6	1076.1	1075.6	1075.2	1074.7	1075.2	1075.6	1076.1
152.5°	1110.7	1110.5	1110.4	1110.1	1109.4	1108.7	1108.0	1107.3	1108.0	1108.7	1109.4
155°	1142.3	1142.1	1142.0	1142.0	1142.0	1142.0	1142.0	1142.0	1142.0	1142.0	1142.0
157.5°	1170.8	1170.6	1170.5	1170.6	1170.8	1171.1	1171.3	1171.5	1171.3	1171.1	1170.8
160°	1197.0	1197.0	1197.0	1197.2	1197.7	1198.1	1198.6	1199.0	1198.6	1198.1	1197.7
162.5°	1220.7	1220.5	1220.4	1220.7	1221.4	1222.1	1222.8	1223.5	1222.8	1222.1	1221.4
165°	1240.8	1240.8	1240.8	1241.1	1241.8	1242.5	1243.1	1243.8	1243.1	1242.5	1241.8
167.5°	1257.4	1257.2	1257.1	1257.6	1258.5	1259.4	1260.3	1261.2	1260.3	1259.4	1258.5
170°	1271.4	1271.4	1271.4	1271.8	1272.7	1273.6	1274.5	1275.4	1274.5	1273.6	1272.7
172.5°	1282.6	1282.6	1282.6	1283.0	1283.9	1284.8	1285.7	1286.6	1285.7	1284.8	1283.9
175°	1289.7	1289.7	1289.7	1290.2	1291.1	1292.0	1292.9	1293.8	1292.9	1292.0	1291.1
177.5°	1293.8	1293.8	1293.8	1294.2	1295.1	1296.0	1296.9	1297.8	1296.9	1296.0	1295.1
180°	1296.8	1296.8	1296.8	1296.8	1296.8	1296.8	1296.8	1296.8	1296.8	1296.8	1296.8

TEST NUMBER: P1032177

CATALOG NUMBER: S123RDIW-B340D1030UB27-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
0°	525.3	525.3	525.3	525.3	525.3	525.3	525.3	525.3	525.3	525.3	525.3
2.5°	518.5	516.3	515.4	513.1	507.7	504.2	500.1	497.4	497.9	495.6	497.0
5°	502.4	501.9	498.8	494.3	486.6	482.6	475.4	471.8	470.0	470.4	467.7
7.5°	488.9	484.8	482.6	475.4	468.2	459.6	453.8	450.6	447.9	445.2	443.4
10°	473.6	470.0	466.4	458.7	448.8	440.7	432.6	429.5	425.4	423.6	422.3
12.5°	457.4	455.1	450.6	441.6	430.4	422.8	413.3	411.5	406.1	402.5	401.6
15°	442.5	441.2	433.1	422.8	411.5	403.9	395.8	390.4	381.4	383.2	380.0
17.5°	426.8	421.0	416.0	402.1	396.7	385.0	375.5	372.8	366.5	362.5	358.4
20°	409.3	405.7	399.4	390.4	377.3	363.8	356.6	352.1	348.5	342.2	340.4
22.5°	392.6	388.1	382.7	371.0	359.8	348.5	338.6	334.6	330.1	325.6	322.9
25°	379.6	372.8	367.0	352.6	341.3	331.9	325.6	318.9	312.6	309.9	309.0
27.5°	359.3	355.3	349.4	336.0	325.6	315.3	309.4	304.9	298.2	295.0	292.3
30°	346.3	338.2	331.5	320.7	310.3	299.1	293.7	288.3	284.2	280.2	277.0
32.5°	328.8	322.5	317.1	306.3	295.9	285.6	279.7	271.6	269.4	266.2	262.6
35°	311.7	307.6	301.8	290.1	278.8	271.6	265.3	257.7	255.0	252.8	249.6
37.5°	295.5	289.6	285.6	274.3	264.4	255.9	251.0	244.7	242.9	240.2	237.9
40°	281.5	275.7	271.6	260.4	250.1	241.1	237.9	231.6	228.9	225.8	224.4
42.5°	265.8	260.8	255.4	247.4	236.6	227.6	221.3	217.7	214.1	212.7	210.0
45°	249.2	244.7	240.6	231.6	220.4	214.1	208.7	203.7	201.0	198.8	197.0
47.5°	234.8	230.7	225.3	215.4	206.4	200.6	195.2	190.2	187.5	184.8	182.6
50°	218.1	215.9	210.0	200.6	192.0	185.3	180.3	175.8	174.0	170.9	167.3
52.5°	203.3	199.2	194.3	186.6	179.0	170.9	164.2	161.5	158.3	156.5	153.4
55°	185.7	183.0	177.6	170.9	162.8	156.1	151.1	147.5	143.5	141.7	137.6
57.5°	170.9	166.0	163.3	154.7	147.1	140.3	136.7	133.1	128.6	125.9	124.1
60°	154.7	150.2	146.2	139.0	133.6	126.4	121.0	117.8	114.7	111.1	109.3
62.5°	139.0	135.4	130.4	124.6	117.8	112.0	107.9	103.4	101.6	98.0	96.7
65°	121.9	119.2	115.1	108.4	103.0	98.0	94.0	90.4	88.6	87.2	86.3
67.5°	106.6	103.0	100.3	94.4	88.6	84.6	82.3	80.1	77.8	76.5	75.1
70°	90.8	88.1	85.4	80.1	76.0	72.4	70.6	68.8	67.5	66.1	64.8
72.5°	74.7	73.3	70.6	67.0	63.9	61.2	59.8	57.6	56.2	54.0	53.1
75°	61.6	59.4	58.0	54.9	52.2	49.9	48.1	45.4	43.6	42.7	42.3
77.5°	48.6	47.7	45.9	43.2	41.8	39.6	36.9	36.0	35.1	35.1	34.6
80°	36.4	35.1	33.7	31.5	30.1	28.3	28.3	28.3	27.9	28.3	27.9
82.5°	24.7	23.8	22.9	21.6	21.1	21.1	21.6	21.6	21.6	21.6	21.6
85°	14.4	14.4	14.4	14.8	14.4	14.4	14.8	15.3	14.8	14.8	14.4
87.5°	6.7	6.7	7.2	7.2	7.6	7.6	7.6	7.6	7.6	7.6	8.1
90°	10.1	11.2	12.7	15.6	18.5	21.5	24.4	25.3	26.2	27.1	28.0
92.5°	36.0	36.7	37.4	38.7	40.1	41.4	42.8	43.5	44.1	44.8	45.5
95°	66.4	67.2	68.1	69.9	71.8	73.6	75.4	76.3	77.2	78.1	79.0
97.5°	103.3	103.9	104.6	105.9	107.3	108.6	110.0	111.1	112.3	113.4	114.5
100°	144.0	144.7	145.3	146.4	147.5	148.7	149.8	150.5	151.1	151.8	152.5
102.5°	187.1	187.4	188.2	189.8	191.4	193.0	194.6	195.3	195.9	196.6	197.3
105°	231.0	231.2	232.2	234.3	236.3	238.4	240.4	240.4	240.4	240.4	240.4
107.5°	283.1	283.2	283.7	284.6	285.5	286.4	287.3	288.0	288.6	289.3	290.0
110°	332.9	333.1	333.3	333.8	334.3	334.7	335.2	336.1	337.0	337.9	338.8

TEST NUMBER: P1032177

CATALOG NUMBER: S123RDIW-B340D1030UB27-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
112.5°	382.9	383.0	383.0	383.0	383.0	383.0	383.0	384.1	385.3	386.4	387.5
115°	435.7	436.0	435.8	435.3	434.9	434.4	434.0	434.2	434.4	434.7	434.9
117.5°	485.8	485.9	485.7	485.2	484.8	484.3	483.9	483.9	483.9	483.9	483.9
120°	538.2	538.9	538.3	537.2	536.1	534.9	533.8	533.6	533.4	533.1	532.9
122.5°	586.3	586.8	586.6	586.1	585.6	585.2	584.7	584.0	583.4	582.7	582.0
125°	636.4	636.7	636.5	636.0	635.6	635.1	634.7	633.8	632.9	632.0	631.1
127.5°	685.9	686.6	686.4	685.9	685.5	685.0	684.6	683.2	681.9	680.5	679.2
130°	734.6	735.5	735.2	734.5	733.8	733.2	732.5	731.6	730.7	729.8	728.9
132.5°	781.5	782.4	782.2	781.7	781.2	780.8	780.3	779.2	778.0	776.9	775.8
135°	827.5	828.2	828.1	827.9	827.6	827.4	827.2	826.3	825.4	824.5	823.6
137.5°	870.4	871.0	871.3	872.0	872.7	873.4	874.1	873.0	871.8	870.7	869.6
140°	916.2	916.8	916.9	917.2	917.4	917.7	917.9	917.7	917.4	917.2	916.9
142.5°	958.0	958.6	958.8	959.3	959.7	960.2	960.6	960.4	960.2	959.9	959.7
145°	999.2	999.4	999.7	1000.4	1001.1	1001.7	1002.4	1002.2	1002.0	1001.7	1001.5
147.5°	1038.6	1039.1	1039.4	1040.1	1040.8	1041.4	1042.1	1042.1	1042.1	1042.1	1042.1
150°	1076.6	1076.8	1077.0	1077.5	1077.9	1078.4	1078.8	1078.8	1078.8	1078.8	1078.8
152.5°	1110.1	1110.4	1110.5	1110.7	1111.0	1111.2	1111.4	1111.9	1112.3	1112.8	1113.3
155°	1142.0	1142.0	1142.1	1142.3	1142.6	1142.8	1143.0	1143.9	1144.8	1145.7	1146.6
157.5°	1170.6	1170.5	1170.6	1170.8	1171.1	1171.3	1171.5	1172.4	1173.3	1174.2	1175.1
160°	1197.2	1197.0	1197.0	1197.0	1197.0	1197.0	1197.0	1198.1	1199.3	1200.4	1201.5
162.5°	1220.7	1220.4	1220.5	1220.7	1221.0	1221.2	1221.4	1222.5	1223.7	1224.8	1225.9
165°	1241.1	1240.8	1240.8	1240.8	1240.8	1240.8	1240.8	1242.2	1243.5	1244.9	1246.2
167.5°	1257.6	1257.1	1257.2	1257.4	1257.7	1257.9	1258.1	1259.5	1260.8	1262.2	1263.5
170°	1271.8	1271.4	1271.4	1271.4	1271.4	1271.4	1271.4	1273.0	1274.6	1276.1	1277.7
172.5°	1283.0	1282.6	1282.6	1282.6	1282.6	1282.6	1282.6	1284.0	1285.3	1286.7	1288.0
175°	1290.2	1289.7	1289.7	1289.7	1289.7	1289.7	1289.7	1291.1	1292.4	1293.8	1295.1
177.5°	1294.2	1293.8	1293.8	1293.8	1293.8	1293.8	1293.8	1295.2	1296.5	1297.9	1299.2
180°	1296.8	1296.8	1296.8	1296.8	1296.8	1296.8	1296.8	1296.8	1296.8	1296.8	1296.8

TEST NUMBER: P1032177

CATALOG NUMBER: S123RDIW-B340D1030UB27-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
0°	525.3	525.3	525.3	525.3	525.3	525.3	525.3	525.3	525.3	525.3	525.3
2.5°	496.5	497.0	495.6	492.9	492.5	493.4	496.1	495.2	492.9	497.0	493.4
5°	469.1	466.8	465.9	466.8	464.1	462.8	465.5	464.1	465.5	465.9	467.3
7.5°	442.5	443.0	440.3	440.7	437.1	438.0	438.0	438.0	439.4	440.3	442.1
10°	419.6	420.5	417.4	417.8	415.1	413.3	414.7	417.4	417.4	417.4	418.3
12.5°	401.2	397.1	394.9	394.4	391.3	390.4	393.1	394.0	396.2	396.2	397.6
15°	378.2	377.3	375.5	375.5	367.9	369.7	370.6	373.7	378.2	374.6	375.5
17.5°	357.5	355.3	353.0	352.1	351.2	348.5	352.1	351.7	354.4	354.8	356.2
20°	339.1	337.3	332.8	333.3	334.2	330.1	332.4	332.4	335.1	337.8	340.9
22.5°	321.1	319.3	317.1	318.0	315.3	314.4	314.4	316.6	319.8	322.0	321.6
25°	307.2	304.0	302.7	301.3	300.0	300.9	299.5	301.8	304.0	305.4	304.0
27.5°	291.4	290.1	287.4	286.0	283.8	284.7	285.6	287.4	288.7	288.7	290.1
30°	276.1	274.3	273.4	272.1	272.1	270.3	270.7	272.5	273.9	275.2	277.0
32.5°	261.3	259.9	258.6	258.6	257.7	257.2	256.8	259.5	259.5	262.2	262.2
35°	249.2	246.9	246.9	244.7	245.6	245.1	244.2	246.0	246.5	248.3	247.8
37.5°	235.7	235.7	234.8	232.5	230.7	231.2	233.4	233.4	234.8	234.3	235.7
40°	222.2	221.3	221.3	219.9	219.5	219.0	219.5	219.9	222.2	221.7	222.2
42.5°	208.7	209.1	206.9	206.9	206.9	205.5	206.0	206.4	207.3	208.2	209.6
45°	195.6	194.7	194.3	193.4	192.5	192.9	192.5	194.3	193.8	194.7	196.1
47.5°	181.7	180.3	179.9	178.1	178.1	179.0	178.5	179.9	180.3	181.7	180.8
50°	168.2	166.4	165.1	165.5	162.8	163.7	163.7	165.1	166.4	166.9	167.8
52.5°	152.5	152.0	151.6	149.3	148.9	148.4	148.9	149.3	151.1	152.5	152.9
55°	137.2	136.7	134.0	133.1	131.8	131.8	132.7	133.1	136.3	136.7	138.5
57.5°	123.2	121.9	118.7	118.3	118.3	118.3	116.9	118.7	119.6	121.9	121.9
60°	107.9	107.9	105.2	105.2	105.7	105.2	105.2	105.7	105.7	107.5	108.4
62.5°	95.8	95.3	95.3	94.4	94.0	94.4	94.0	94.0	94.4	95.8	97.1
65°	85.0	84.6	84.1	83.7	82.8	82.8	83.2	84.1	84.1	85.0	85.4
67.5°	74.7	74.7	73.8	73.8	73.3	72.9	73.3	72.9	74.7	74.7	75.1
70°	64.3	63.9	62.5	62.1	60.7	61.2	61.2	62.5	63.0	63.9	64.8
72.5°	51.7	51.7	50.8	49.9	50.4	49.5	49.5	49.9	49.9	51.3	51.7
75°	42.7	41.8	41.4	41.8	41.4	42.3	41.4	41.4	42.3	42.3	42.3
77.5°	35.1	35.1	34.6	34.6	35.1	34.6	35.1	35.1	35.1	34.6	35.1
80°	28.8	28.3	28.3	28.3	27.9	27.9	27.9	27.9	27.9	27.9	27.9
82.5°	21.6	21.6	21.1	21.6	21.6	21.1	21.6	21.1	21.1	21.6	21.6
85°	14.4	15.3	14.4	14.4	14.8	14.8	15.3	14.8	15.3	14.4	14.8
87.5°	7.6	8.1	8.1	7.6	7.6	8.1	8.1	8.1	8.5	7.6	8.1
90°	28.5	28.7	29.2	29.7	30.1	30.6	30.1	29.7	29.2	28.7	28.5
92.5°	45.8	45.6	45.1	44.7	44.2	43.8	44.2	44.7	45.1	45.6	45.8
95°	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
97.5°	115.1	115.0	114.8	114.5	114.3	114.1	114.3	114.5	114.8	115.0	115.1
100°	152.8	153.0	153.5	153.9	154.4	154.8	154.4	153.9	153.5	153.0	152.8
102.5°	197.6	197.5	197.3	197.0	196.8	196.6	196.8	197.0	197.3	197.5	197.6
105°	240.4	240.6	241.1	241.6	242.0	242.5	242.0	241.6	241.1	240.6	240.4
107.5°	290.3	290.2	290.0	289.7	289.5	289.3	289.5	289.7	290.0	290.2	290.3
110°	339.2	339.0	338.5	338.1	337.6	337.2	337.6	338.1	338.5	339.0	339.2

TEST NUMBER: P1032177

CATALOG NUMBER: S123RDIW-B340D1030UB27-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
112.5°	388.1	388.1	388.1	388.1	388.1	388.1	388.1	388.1	388.1	388.1	388.1
115°	435.0	434.9	434.7	434.4	434.2	434.0	434.2	434.4	434.7	434.9	435.0
117.5°	483.9	483.6	482.9	482.2	481.5	480.8	481.5	482.2	482.9	483.6	483.9
120°	532.8	532.6	532.1	531.6	531.2	530.7	531.2	531.6	532.1	532.6	532.8
122.5°	581.7	581.4	580.7	580.0	579.3	578.6	579.3	580.0	580.7	581.4	581.7
125°	630.6	630.1	629.2	628.3	627.4	626.5	627.4	628.3	629.2	630.1	630.6
127.5°	678.5	678.0	677.1	676.2	675.3	674.4	675.3	676.2	677.1	678.0	678.5
130°	728.4	727.6	726.0	724.4	722.8	721.2	722.8	724.4	726.0	727.6	728.4
132.5°	775.2	774.6	773.5	772.4	771.2	770.1	771.2	772.4	773.5	774.6	775.2
135°	823.1	822.9	822.4	822.0	821.5	821.1	821.5	822.0	822.4	822.9	823.1
137.5°	869.0	868.7	868.0	867.3	866.6	865.9	866.6	867.3	868.0	868.7	869.0
140°	916.8	916.0	914.4	912.9	911.3	909.7	911.3	912.9	914.4	916.0	916.8
142.5°	959.6	959.0	957.9	956.8	955.6	954.5	955.6	956.8	957.9	959.0	959.6
145°	1001.4	1000.9	1000.0	999.1	998.2	997.3	998.2	999.1	1000.0	1000.9	1001.4
147.5°	1042.1	1041.4	1040.1	1038.7	1037.4	1036.0	1037.4	1038.7	1040.1	1041.4	1042.1
150°	1078.8	1078.1	1076.8	1075.4	1074.1	1072.7	1074.1	1075.4	1076.8	1078.1	1078.8
152.5°	1113.5	1112.9	1111.8	1110.7	1109.5	1108.4	1109.5	1110.7	1111.8	1112.9	1113.5
155°	1147.1	1146.3	1144.7	1143.1	1141.5	1139.9	1141.5	1143.1	1144.7	1146.3	1147.1
157.5°	1175.6	1174.9	1173.6	1172.2	1170.9	1169.5	1170.9	1172.2	1173.6	1174.9	1175.6
160°	1202.1	1201.6	1200.7	1199.8	1198.9	1198.0	1198.9	1199.8	1200.7	1201.6	1202.1
162.5°	1226.5	1225.7	1224.1	1222.6	1221.0	1219.4	1221.0	1222.6	1224.1	1225.7	1226.5
165°	1246.9	1246.1	1244.5	1243.0	1241.4	1239.8	1241.4	1243.0	1244.5	1246.1	1246.9
167.5°	1264.2	1263.5	1262.2	1260.8	1259.5	1258.1	1259.5	1260.8	1262.2	1263.5	1264.2
170°	1278.5	1277.7	1276.1	1274.6	1273.0	1271.4	1273.0	1274.6	1276.1	1277.7	1278.5
172.5°	1288.7	1287.9	1286.3	1284.7	1283.1	1281.5	1283.1	1284.7	1286.3	1287.9	1288.7
175°	1295.8	1295.0	1293.4	1291.9	1290.3	1288.7	1290.3	1291.9	1293.4	1295.0	1295.8
177.5°	1299.9	1299.1	1297.5	1295.9	1294.3	1292.7	1294.3	1295.9	1297.5	1299.1	1299.9
180°	1296.8	1296.8	1296.8	1296.8	1296.8	1296.8	1296.8	1296.8	1296.8	1296.8	1296.8

TEST NUMBER: P1032177

CATALOG NUMBER: S123RDIW-B340D1030UB27-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
0°	525.3	525.3	525.3	525.3	525.3	525.3	525.3	525.3	525.3	525.3	525.3
2.5°	497.0	498.8	497.0	493.4	497.0	499.2	501.5	505.1	506.9	506.9	509.5
5°	468.6	472.2	470.9	470.0	473.6	475.8	479.4	483.9	488.9	492.0	495.6
7.5°	443.4	445.7	447.9	447.9	451.5	456.5	461.9	467.3	473.6	478.1	480.8
10°	421.4	423.2	424.5	426.3	431.7	437.1	444.3	451.1	456.5	461.4	465.9
12.5°	400.3	403.0	406.1	407.5	411.5	418.3	425.0	433.1	441.6	446.6	451.1
15°	380.0	381.4	385.0	389.0	392.6	399.8	408.4	416.9	424.1	431.7	435.8
17.5°	359.3	359.8	369.2	367.0	378.7	385.4	389.9	398.0	409.7	416.0	422.3
20°	339.1	343.6	347.6	349.9	356.2	363.8	376.9	383.2	392.6	398.5	403.9
22.5°	323.4	330.1	330.1	335.5	338.6	345.8	355.3	367.4	377.8	381.8	389.5
25°	309.4	312.6	318.0	319.8	325.6	331.9	338.2	351.2	362.5	367.9	373.3
27.5°	291.4	295.5	302.7	302.7	310.3	317.1	324.7	333.3	344.5	352.1	358.0
30°	277.5	281.5	284.7	289.6	292.8	299.1	312.6	318.9	328.8	335.5	342.7
32.5°	264.4	267.6	270.3	275.7	279.3	286.5	293.7	304.9	313.5	319.8	327.4
35°	250.1	253.2	256.8	260.8	266.2	273.0	279.7	289.2	297.7	303.6	309.9
37.5°	236.6	238.8	244.2	246.9	251.4	257.7	266.2	276.1	283.8	288.3	294.6
40°	223.5	225.3	229.4	234.3	237.5	242.4	251.4	259.9	269.4	274.8	279.7
42.5°	209.6	211.8	215.4	220.4	225.3	230.7	235.7	245.6	254.1	258.6	264.0
45°	197.4	198.8	201.5	206.4	211.4	215.4	223.1	232.1	240.2	243.8	249.6
47.5°	183.0	184.4	188.4	190.7	196.1	201.5	209.1	218.1	225.3	228.9	234.3
50°	168.2	169.5	172.2	177.2	180.8	186.6	193.4	201.0	210.0	215.0	218.1
52.5°	153.8	156.5	158.8	162.8	167.3	173.1	179.4	186.6	194.3	199.2	202.8
55°	139.4	141.7	144.4	146.6	152.0	157.4	164.6	171.3	178.1	182.6	186.6
57.5°	123.2	126.4	129.1	133.6	137.6	142.1	150.2	155.6	163.7	166.9	170.4
60°	109.3	112.4	114.7	118.3	121.9	127.7	133.1	139.9	146.6	150.7	155.2
62.5°	97.6	98.9	100.3	103.9	107.5	112.9	118.3	125.0	132.2	134.5	138.1
65°	85.9	87.2	89.5	92.6	95.3	98.5	104.3	109.7	116.5	120.1	121.4
67.5°	76.0	77.4	77.8	80.1	82.3	85.9	89.0	94.4	100.7	103.0	105.7
70°	64.8	67.0	67.5	69.3	70.2	72.4	76.0	80.1	85.0	89.0	91.3
72.5°	51.7	54.9	55.8	58.5	59.8	62.1	64.8	67.9	71.1	72.9	74.7
75°	42.3	43.2	43.6	45.9	48.1	51.3	52.6	54.4	57.1	59.4	61.2
77.5°	35.1	35.5	36.0	36.0	36.4	38.2	40.9	43.2	45.0	45.9	47.2
80°	28.3	27.9	27.9	28.3	28.3	28.3	29.2	32.4	33.3	35.5	35.1
82.5°	22.0	21.1	21.6	21.1	21.1	21.1	21.1	21.6	21.6	22.9	23.8
85°	14.4	14.8	14.4	14.4	13.9	14.4	13.9	13.9	13.5	13.5	13.0
87.5°	7.6	8.1	7.6	7.6	7.2	7.6	7.2	7.2	6.7	6.7	5.8
90°	28.0	27.1	26.2	25.3	24.4	21.5	18.5	15.6	12.7	11.2	10.1
92.5°	45.5	44.8	44.1	43.5	42.8	41.4	40.1	38.7	37.4	36.7	36.0
95°	79.0	78.1	77.2	76.3	75.4	73.6	71.8	69.9	68.1	67.2	66.4
97.5°	114.5	113.4	112.3	111.1	110.0	108.6	107.3	105.9	104.6	103.9	103.3
100°	152.5	151.8	151.1	150.5	149.8	148.7	147.5	146.4	145.3	144.7	144.0
102.5°	197.3	196.6	195.9	195.3	194.6	193.0	191.4	189.8	188.2	187.4	187.1
105°	240.4	240.4	240.4	240.4	240.4	238.4	236.3	234.3	232.2	231.2	231.0
107.5°	290.0	289.3	288.6	288.0	287.3	286.4	285.5	284.6	283.7	283.2	283.1
110°	338.8	337.9	337.0	336.1	335.2	334.7	334.3	333.8	333.3	333.1	332.9

TEST NUMBER: P1032177

CATALOG NUMBER: S123RDIW-B340D1030UB27-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
112.5°	387.5	386.4	385.3	384.1	383.0	383.0	383.0	383.0	383.0	383.0	382.9
115°	434.9	434.7	434.4	434.2	434.0	434.4	434.9	435.3	435.8	436.0	435.7
117.5°	483.9	483.9	483.9	483.9	483.9	484.3	484.8	485.2	485.7	485.9	485.8
120°	532.9	533.1	533.4	533.6	533.8	534.9	536.1	537.2	538.3	538.9	538.2
122.5°	582.0	582.7	583.4	584.0	584.7	585.2	585.6	586.1	586.6	586.8	586.3
125°	631.1	632.0	632.9	633.8	634.7	635.1	635.6	636.0	636.5	636.7	636.4
127.5°	679.2	680.5	681.9	683.2	684.6	685.0	685.5	685.9	686.4	686.6	685.9
130°	728.9	729.8	730.7	731.6	732.5	733.2	733.8	734.5	735.2	735.5	734.6
132.5°	775.8	776.9	778.0	779.2	780.3	780.8	781.2	781.7	782.2	782.4	781.5
135°	823.6	824.5	825.4	826.3	827.2	827.4	827.6	827.9	828.1	828.2	827.5
137.5°	869.6	870.7	871.8	873.0	874.1	873.4	872.7	872.0	871.3	871.0	870.4
140°	916.9	917.2	917.4	917.7	917.9	917.7	917.4	917.2	916.9	916.8	916.2
142.5°	959.7	959.9	960.2	960.4	960.6	960.2	959.7	959.3	958.8	958.6	958.0
145°	1001.5	1001.7	1002.0	1002.2	1002.4	1001.7	1001.1	1000.4	999.7	999.4	999.2
147.5°	1042.1	1042.1	1042.1	1042.1	1042.1	1041.4	1040.8	1040.1	1039.4	1039.1	1038.6
150°	1078.8	1078.8	1078.8	1078.8	1078.8	1078.4	1077.9	1077.5	1077.0	1076.8	1076.6
152.5°	1113.3	1112.8	1112.3	1111.9	1111.4	1111.2	1111.0	1110.7	1110.5	1110.4	1110.1
155°	1146.6	1145.7	1144.8	1143.9	1143.0	1142.8	1142.6	1142.3	1142.1	1142.0	1142.0
157.5°	1175.1	1174.2	1173.3	1172.4	1171.5	1171.3	1171.1	1170.8	1170.6	1170.5	1170.6
160°	1201.5	1200.4	1199.3	1198.1	1197.0	1197.0	1197.0	1197.0	1197.0	1197.0	1197.2
162.5°	1225.9	1224.8	1223.7	1222.5	1221.4	1221.2	1221.0	1220.7	1220.5	1220.4	1220.7
165°	1246.2	1244.9	1243.5	1242.2	1240.8	1240.8	1240.8	1240.8	1240.8	1240.8	1241.1
167.5°	1263.5	1262.2	1260.8	1259.5	1258.1	1257.9	1257.7	1257.4	1257.2	1257.1	1257.6
170°	1277.7	1276.1	1274.6	1273.0	1271.4	1271.4	1271.4	1271.4	1271.4	1271.4	1271.8
172.5°	1288.0	1286.7	1285.3	1284.0	1282.6	1282.6	1282.6	1282.6	1282.6	1282.6	1283.0
175°	1295.1	1293.8	1292.4	1291.1	1289.7	1289.7	1289.7	1289.7	1289.7	1289.7	1290.2
177.5°	1299.2	1297.9	1296.5	1295.2	1293.8	1293.8	1293.8	1293.8	1293.8	1293.8	1294.2
180°	1296.8	1296.8	1296.8	1296.8	1296.8	1296.8	1296.8	1296.8	1296.8	1296.8	1296.8

TEST NUMBER: P1032177

CATALOG NUMBER: S123RDIW-B340D1030UB27-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
0°	525.3	525.3	525.3	525.3
2.5°	511.8	514.9	521.2	526.6
5°	501.0	506.0	515.4	524.8
7.5°	488.0	495.6	507.7	520.8
10°	475.4	485.3	500.1	515.4
12.5°	462.8	473.1	488.9	508.6
15°	447.9	458.7	477.6	501.5
17.5°	434.9	449.3	466.4	490.2
20°	421.0	431.7	453.8	479.0
22.5°	403.4	421.4	442.1	468.6
25°	389.5	405.2	425.9	456.0
27.5°	372.4	390.8	416.0	442.5
30°	358.4	373.7	397.1	429.0
32.5°	342.2	360.2	384.5	416.0
35°	327.9	343.1	366.1	398.0
37.5°	310.8	327.4	353.0	381.4
40°	295.9	312.1	336.4	362.9
42.5°	277.9	295.0	319.3	341.8
45°	263.5	279.3	298.6	319.3
47.5°	246.0	262.6	281.5	295.9
50°	230.3	245.6	260.4	272.5
52.5°	213.2	227.1	240.6	249.6
55°	197.4	208.2	219.0	225.3
57.5°	179.0	189.3	198.3	201.9
60°	162.8	171.3	177.2	181.2
62.5°	145.7	152.0	156.5	158.8
65°	129.1	133.6	135.8	138.1
67.5°	112.0	116.0	117.4	120.1
70°	94.0	98.5	99.4	100.7
72.5°	80.5	80.5	82.3	84.1
75°	64.3	65.2	66.1	66.1
77.5°	50.4	50.4	51.3	51.7
80°	36.9	37.3	37.3	36.9
82.5°	25.2	26.1	25.2	24.7
85°	13.9	15.7	14.8	14.8
87.5°	5.8	5.8	6.7	5.8
90°	7.8	5.5	3.3	1.0
92.5°	34.7	33.3	32.0	30.6
95°	64.8	63.3	61.7	60.1
97.5°	102.2	101.1	99.9	98.8
100°	142.6	141.3	139.9	138.5
102.5°	186.4	185.7	185.1	184.4
105°	230.5	230.1	229.6	229.2
107.5°	282.9	282.6	282.4	282.2
110°	332.4	332.0	331.5	331.1

TEST NUMBER: P1032177

CATALOG NUMBER: S123RDIW-B340D1030UB27-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
112.5°	382.7	382.4	382.2	382.0
115°	435.0	434.3	433.7	433.0
117.5°	485.6	485.3	485.1	484.9
120°	536.9	535.5	534.2	532.8
122.5°	585.4	584.5	583.6	582.7
125°	635.7	635.0	634.3	633.6
127.5°	684.6	683.2	681.9	680.5
130°	732.8	731.0	729.2	727.4
132.5°	779.7	777.8	776.0	774.2
135°	826.2	824.8	823.5	822.1
137.5°	869.3	868.2	867.0	865.9
140°	915.1	914.0	912.8	911.7
142.5°	956.9	955.8	954.6	953.5
145°	998.7	998.2	997.8	997.3
147.5°	1037.7	1036.8	1035.9	1035.0
150°	1076.1	1075.6	1075.2	1074.7
152.5°	1109.4	1108.7	1108.0	1107.3
155°	1142.0	1142.0	1142.0	1142.0
157.5°	1170.8	1171.1	1171.3	1171.5
160°	1197.7	1198.1	1198.6	1199.0
162.5°	1221.4	1222.1	1222.8	1223.5
165°	1241.8	1242.5	1243.1	1243.8
167.5°	1258.5	1259.4	1260.3	1261.2
170°	1272.7	1273.6	1274.5	1275.4
172.5°	1283.9	1284.8	1285.7	1286.6
175°	1291.1	1292.0	1292.9	1293.8
177.5°	1295.1	1296.0	1296.9	1297.8
180°	1296.8	1296.8	1296.8	1296.8

(END OF REPORT)