

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: P1009921

Luminaire Tested: S122RDIP-B290D925UB27-4F0-XX-W2A-A1

Issue Date: 5/6/2025

Test Information

Test Method: LM-79-2019
Report Number: P1009921
REPORT IS A COMBINATION OF REPORTS P988179 AND P1007351
Test Lab: INNOVATION CENTER
Issue Date: 5/6/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: NEO-RAY
Catalog Number: S122RDIP-B290D925UB27-4F0-XX-W2A-A1
Description: Define 2 Regressed Direct/Indirect Pendant with 2700K BioUP LEDs {m-DER=0.473}
{m-EER=0.52}
Light Source: -
Ballast/Driver: -

Summary

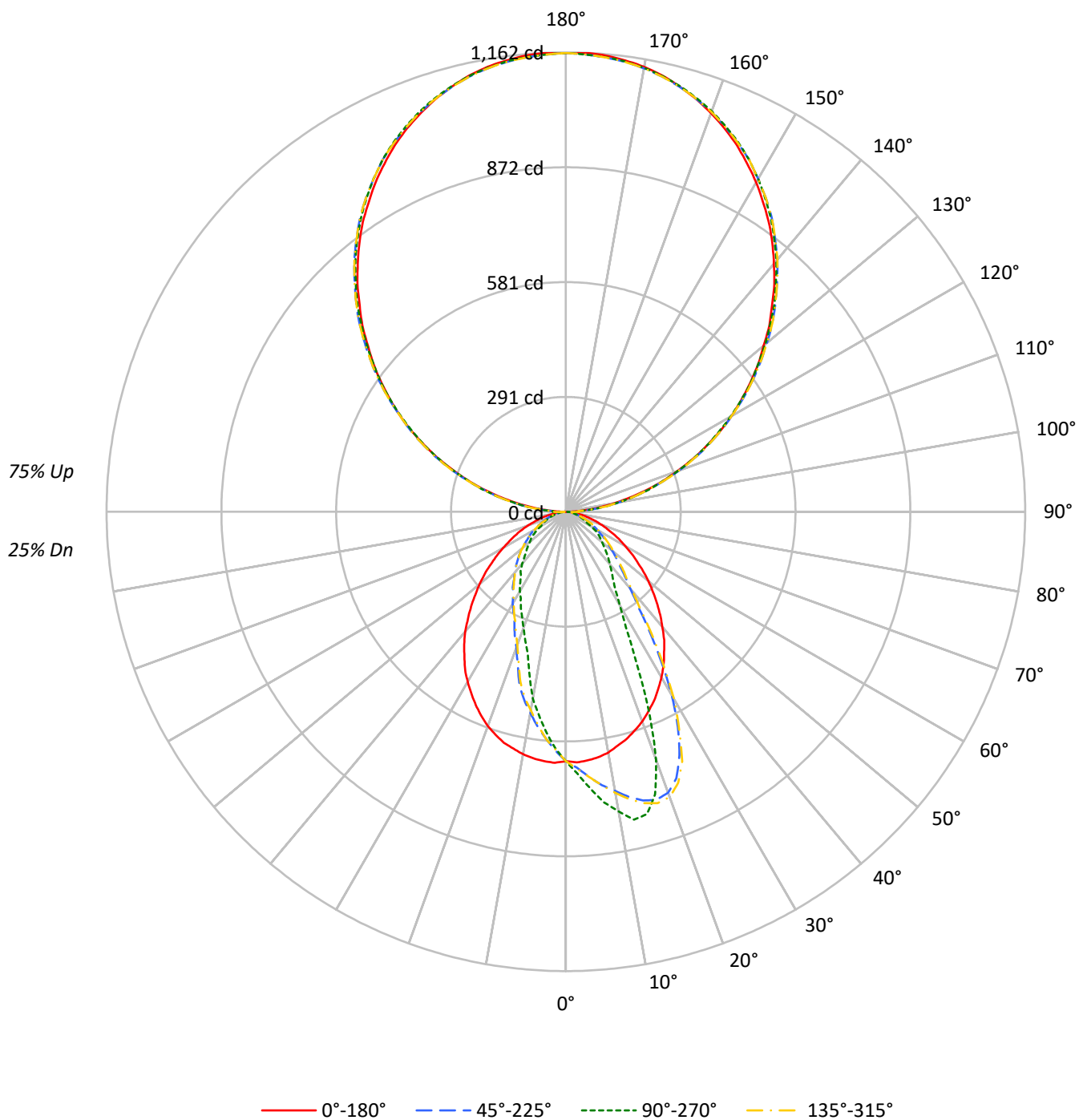
Lumens per Lamp: N/A
Luminaire Lumens: 4338.0 lumens
Efficiency: N/A
Efficacy: 104.5 lumens/watt
Spacing Criteria (0/90/45): 1.16 / 0.85 / 1.01
Luminous Opening: Rectangular w/ Sides (W: 0.17' x L: 4' x H: 0.1')
CIE Type: Semi-Indirect

Input Watts (W): 41.5
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: P1009921

CATALOG NUMBER: S122RDIP-B290D925UB27-4F0-XX-W2A-A1

Luminous Intensity Polar Plot



TEST NUMBER: P1009921

CATALOG NUMBER: S122RDIP-B290D925UB27-4F0-XX-W2A-A1

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20
RC	80				70				50				30				10
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10
RCR																	
0	101	101	101	101	90	90	90	90	70	70	70	51	51	51	33	33	33
1	93	89	85	82	82	79	76	73	61	59	58	45	44	43	30	29	29
2	85	78	72	67	75	70	65	61	54	51	48	40	38	36	27	26	25
3	77	69	62	57	69	62	56	51	48	44	41	36	33	31	24	23	22
4	71	61	54	48	63	55	49	44	43	39	35	32	29	27	22	20	19
5	65	54	47	41	58	49	42	38	39	34	31	29	26	24	20	18	17
6	60	49	41	36	53	44	38	33	35	30	27	26	23	21	18	16	15
7	56	44	37	31	49	40	33	29	32	27	24	24	21	19	17	15	14
8	52	40	33	28	46	36	30	26	29	24	21	22	19	17	16	14	12
9	48	36	29	25	43	33	27	23	26	22	19	20	17	15	14	13	11
10	45	33	27	22	40	30	24	20	24	20	17	19	16	14	13	12	10

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	9984	9984	9984	9984
5°	10008	10604	10043	8472
10°	9898	11209	9968	6996
15°	9683	11212	9847	5256
20°	9425	9268	9629	4336
25°	9110	5791	9307	3688
30°	8712	3709	8948	3175
35°	8225	2850	8491	2718
40°	7683	2395	8011	2377
45°	7102	2038	7399	1996
50°	6509	1733	6813	1726
55°	5851	1506	6166	1486
60°	5268	1148	5547	1134
65°	4721	865	5002	980
70°	4119	690	4443	798
75°	3479	528	3798	605
80°	2762	359	2978	395
85°	1921	186	2105	195

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 165°

Vertical Angle: 45°

Luminance: 9134 cd/sqm

TEST NUMBER: P1009921

CATALOG NUMBER: S122RDIP-B290D925UB27-4F0-XX-W2A-A1

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	59.8	1.4
10°-20°	167.0	3.8
20°-30°	214.9	5.0
30°-40°	203.9	4.7
40°-50°	174.7	4.0
50°-60°	133.1	3.1
60°-70°	83.9	1.9
70°-80°	41.9	1.0
80°-90°	14.1	0.3
90°-100°	71.8	1.7
100°-110°	228.2	5.3
110°-120°	390.5	9.0
120°-130°	513.6	11.8
130°-140°	576.5	13.3
140°-150°	565.4	13.0
150°-160°	474.2	10.9
160°-170°	314.5	7.3
170°-180°	109.9	2.5
0°-30°	441.7	10.2
0°-40°	645.6	14.9
0°-60°	953.4	22.0
0°-90°	1093.3	25.2
90°-120°	690.5	15.9
90°-150°	2346.0	54.1
90°-180°	3245.0	74.8
0°-180°	4338.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	631	631	631	631	631	
5°	631	702	633	561	631	60
15°	595	792	605	371	595	167
25°	528	422	539	269	528	242
35°	433	208	447	199	433	271
45°	325	145	339	142	325	251
55°	220	100	231	99	220	198
65°	133	52	141	59	133	132
75°	62	28	68	32	62	67
85°	14	8	15	8	14	15
90°	1	33	1	33	1	4
95°	51	61	51	61	51	57
105°	211	217	211	217	211	222
115°	392	392	392	392	392	388
125°	570	572	570	572	570	509
135°	738	746	738	746	738	570
145°	895	905	895	905	895	559
155°	1023	1031	1023	1031	1023	471
165°	1114	1114	1114	1114	1114	314
175°	1159	1155	1159	1155	1159	110
180°	1161	1161	1161	1161	1161	

TEST NUMBER: P1009921

CATALOG NUMBER: S122RDIP-B290D925UB27-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	630.7	630.7	630.7	630.7	630.7	630.7	630.7	630.7	630.7	630.7	630.7
2.5°	634.7	637.3	638.6	640.4	644.3	647.0	650.9	651.8	651.3	653.1	648.3
5°	631.2	636.9	642.1	646.5	653.5	657.9	662.7	668.4	669.8	676.3	672.4
7.5°	626.4	634.7	642.1	650.9	661.4	667.1	674.6	683.3	687.3	695.2	697.4
10°	618.5	630.3	643.0	652.2	666.7	676.8	683.8	697.8	707.0	718.8	717.1
12.5°	605.8	621.1	638.2	653.5	672.4	679.0	692.1	706.6	718.4	729.4	739.0
15°	594.8	612.3	631.2	650.0	671.5	683.8	696.9	715.8	728.5	747.8	756.1
17.5°	579.9	602.3	624.6	645.6	671.1	685.1	701.3	719.7	738.6	757.0	763.6
20°	564.6	588.7	612.8	641.3	670.2	683.8	700.4	723.2	741.6	756.1	756.1
22.5°	546.1	575.5	603.1	630.3	661.9	681.6	698.7	725.4	738.6	741.6	729.8
25°	527.7	557.1	587.3	621.1	657.0	674.6	693.9	718.8	723.2	711.0	680.3
27.5°	505.8	538.7	572.9	609.3	647.0	668.9	686.4	703.1	694.7	661.9	614.1
30°	483.5	519.0	557.5	592.2	637.8	657.9	672.8	677.6	651.3	597.9	536.1
32.5°	460.2	494.9	535.6	577.3	623.3	642.6	652.2	639.5	591.3	523.8	448.4
35°	433.1	472.1	514.6	558.0	603.6	618.0	623.7	592.6	530.8	443.6	368.6
37.5°	408.5	447.5	493.1	537.4	581.6	589.5	583.8	535.2	456.7	370.4	297.2
40°	379.6	421.2	465.9	515.5	551.8	554.0	540.0	476.9	379.6	298.5	253.3
42.5°	352.8	394.9	439.6	490.0	517.7	510.2	491.4	408.5	316.9	257.3	220.9
45°	325.2	365.1	413.3	458.0	477.8	460.2	431.7	343.6	266.1	221.4	193.3
47.5°	298.5	335.8	383.5	426.5	430.0	410.3	376.5	288.0	230.6	194.6	171.8
50°	272.2	309.5	354.2	389.7	386.2	359.0	320.8	250.3	200.3	171.8	153.0
52.5°	245.9	279.6	323.0	351.1	336.2	309.9	272.2	212.1	174.9	149.9	135.4
55°	219.6	251.2	288.4	311.6	288.0	257.7	231.0	181.9	151.7	131.5	120.5
57.5°	197.7	222.7	256.9	270.9	242.4	218.7	195.5	156.5	131.5	117.0	104.3
60°	173.6	196.4	224.4	232.7	203.4	184.1	164.4	132.4	112.6	99.9	91.6
62.5°	153.0	171.8	193.3	193.3	167.4	153.0	138.1	110.9	94.7	84.6	80.7
65°	132.8	146.4	161.7	160.0	138.1	125.4	113.5	91.6	79.3	72.3	68.4
67.5°	113.1	123.6	133.7	127.6	111.8	100.8	89.9	74.1	65.7	60.9	55.7
70°	95.1	103.4	108.7	103.0	87.2	78.0	70.1	59.6	53.0	46.9	43.8
72.5°	79.8	83.3	85.0	78.0	64.9	59.6	53.9	46.5	40.8	37.7	36.8
75°	62.2	65.3	64.0	58.7	47.8	43.8	39.4	34.2	32.9	31.1	30.2
77.5°	48.7	48.7	46.5	41.6	34.2	31.1	29.4	26.7	25.4	25.0	24.1
80°	34.6	34.2	32.9	27.6	23.2	21.5	21.5	19.7	19.3	18.4	18.4
82.5°	22.8	22.8	21.0	16.7	15.3	14.9	14.5	13.6	13.6	13.1	13.1
85°	13.6	12.7	10.5	9.2	8.8	8.8	8.3	7.9	8.3	7.9	7.9
87.5°	6.1	4.8	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5
90°	1.0	3.6	6.2	8.8	11.4	12.7	15.1	19.9	24.7	29.5	34.3
92.5°	21.5	23.3	25.0	26.8	28.5	29.4	29.5	29.7	30.0	30.2	30.4
95°	50.9	53.1	55.3	57.4	59.6	60.7	60.9	61.4	61.8	62.3	62.7
97.5°	85.2	87.2	89.1	91.1	93.0	94.0	94.4	95.3	96.2	97.0	97.9
100°	124.4	126.1	127.9	129.6	131.3	132.2	132.5	133.2	133.9	134.5	135.2
102.5°	165.5	166.8	168.1	169.4	170.7	171.4	171.8	172.7	173.6	174.4	175.3
105°	210.6	211.2	211.9	212.5	213.2	213.5	213.7	214.2	214.6	215.1	215.5
107.5°	255.6	256.5	257.3	258.2	259.1	259.5	259.5	259.5	259.5	259.5	259.5
110°	298.7	300.0	301.3	302.6	303.9	304.6	304.6	304.6	304.6	304.6	304.6

TEST NUMBER: P1009921

CATALOG NUMBER: S122RDIP-B290D925UB27-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	345.7	347.0	348.3	349.6	350.9	351.6	351.5	351.3	351.0	350.8	350.6
115°	391.7	393.0	394.3	395.6	396.9	397.6	397.4	397.0	396.5	396.1	395.7
117.5°	437.8	439.5	441.3	443.0	444.7	445.6	445.1	444.0	442.9	441.8	440.7
120°	483.8	485.5	487.3	489.0	490.7	491.6	490.7	489.0	487.3	485.5	483.8
122.5°	525.9	528.1	530.3	532.4	534.6	535.7	535.2	534.1	533.0	531.9	530.8
125°	570.0	572.0	573.9	575.9	577.8	578.8	578.5	577.8	577.2	576.5	575.9
127.5°	613.1	615.5	617.9	620.3	622.7	623.9	623.5	622.6	621.7	620.8	619.9
130°	653.2	656.0	658.9	661.7	664.6	666.0	665.8	665.3	664.9	664.4	664.0
132.5°	698.3	700.5	702.7	704.8	707.0	708.1	708.2	708.4	708.7	708.9	709.1
135°	737.5	739.9	742.3	744.6	747.0	748.2	748.4	748.9	749.3	749.8	750.2
137.5°	780.6	782.6	784.5	786.5	788.4	789.4	789.6	790.0	790.5	790.9	791.3
140°	818.8	820.8	822.7	824.7	826.6	827.6	828.1	829.2	830.3	831.4	832.5
142.5°	857.9	859.9	861.8	863.8	865.7	866.7	867.0	867.7	868.4	869.0	869.7
145°	895.1	896.6	898.2	899.7	901.2	902.0	902.7	904.0	905.3	906.6	907.9
147.5°	928.4	930.4	932.4	934.3	936.3	937.3	937.7	938.6	939.5	940.3	941.2
150°	962.7	964.0	965.3	966.6	967.9	968.6	969.0	969.9	970.8	971.6	972.5
152.5°	993.1	994.4	995.7	997.0	998.3	999.0	999.5	1000.6	1001.7	1002.8	1003.9
155°	1023.4	1024.1	1024.7	1025.4	1026.1	1026.4	1026.7	1027.4	1028.0	1028.7	1029.3
157.5°	1049.9	1050.3	1050.7	1051.2	1051.6	1051.8	1052.0	1052.5	1052.9	1053.4	1053.8
160°	1073.4	1073.8	1074.3	1074.7	1075.2	1075.4	1075.5	1075.7	1075.9	1076.1	1076.3
162.5°	1094.9	1094.9	1094.9	1094.9	1094.9	1094.9	1095.0	1095.2	1095.5	1095.7	1095.9
165°	1113.5	1113.3	1113.1	1112.9	1112.7	1112.6	1112.6	1112.6	1112.6	1112.6	1112.6
167.5°	1130.2	1129.6	1128.9	1128.3	1127.6	1127.3	1127.3	1127.3	1127.3	1127.3	1127.3
170°	1142.9	1142.3	1141.6	1141.0	1140.3	1140.0	1139.9	1139.7	1139.4	1139.2	1139.0
172.5°	1151.7	1151.1	1150.4	1149.8	1149.1	1148.8	1148.7	1148.5	1148.2	1148.0	1147.8
175°	1158.6	1158.0	1157.3	1156.7	1156.0	1155.7	1155.5	1155.0	1154.6	1154.1	1153.7
177.5°	1162.5	1161.9	1161.2	1160.6	1159.9	1159.6	1159.4	1158.9	1158.5	1158.0	1157.6
180°	1160.6	1160.6	1160.6	1160.6	1160.6	1160.6	1160.6	1160.6	1160.6	1160.6	1160.6

TEST NUMBER: P1009921

CATALOG NUMBER: S122RDIP-B290D925UB27-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	630.7	630.7	630.7	630.7	630.7	630.7	630.7	630.7	630.7	630.7	630.7
2.5°	653.1	654.0	655.3	661.4	662.3	664.1	663.2	663.2	663.6	662.7	663.2
5°	681.1	682.5	689.0	696.5	698.2	696.5	698.7	701.7	701.7	701.7	700.9
7.5°	707.4	712.3	719.7	730.7	732.9	735.1	739.0	736.4	737.3	741.2	739.9
10°	732.9	739.9	748.2	757.4	762.2	765.3	767.1	771.0	780.2	769.7	773.6
12.5°	757.0	767.1	775.8	785.9	789.4	793.4	794.7	798.2	798.2	797.7	800.8
15°	772.8	782.0	789.9	796.4	797.3	796.4	795.5	796.0	797.3	792.0	795.1
17.5°	776.3	777.1	779.8	777.1	777.6	768.4	763.1	761.8	749.5	750.0	760.0
20°	759.2	744.3	740.3	725.9	717.1	693.4	692.5	686.0	660.1	668.0	666.2
22.5°	712.3	686.8	653.1	636.4	628.1	603.1	583.8	570.3	561.0	551.8	547.9
25°	650.5	609.3	561.5	528.6	523.8	500.6	465.1	448.4	428.7	422.5	433.1
27.5°	570.7	517.2	463.3	412.9	403.7	382.7	364.7	352.8	330.1	328.7	329.6
30°	462.4	408.5	363.4	330.5	307.7	298.1	286.2	277.5	268.3	271.8	272.6
32.5°	380.0	328.7	286.7	269.1	258.6	252.5	242.4	236.7	232.7	231.4	231.0
35°	302.0	267.8	249.0	231.9	225.7	221.4	213.9	211.3	207.8	208.2	208.2
37.5°	258.6	230.1	216.1	207.3	201.6	199.4	194.6	192.0	189.8	188.9	190.2
40°	223.1	203.4	194.6	186.7	181.9	181.0	178.4	175.3	172.7	173.1	174.5
42.5°	197.2	185.8	175.3	169.2	165.7	164.4	162.2	160.0	160.0	158.7	158.2
45°	176.6	167.4	158.7	153.0	150.8	149.0	146.4	146.0	144.2	144.6	145.1
47.5°	158.2	150.8	144.2	138.5	136.3	135.9	133.2	131.5	131.5	131.1	130.6
50°	141.6	134.1	128.4	125.4	122.3	121.4	121.0	120.5	119.7	119.7	120.1
52.5°	128.0	120.5	116.2	113.5	111.8	110.9	110.9	110.5	110.5	110.5	110.0
55°	113.1	106.9	103.4	102.6	101.7	101.3	100.8	99.9	99.5	100.4	99.5
57.5°	99.1	96.9	93.8	92.9	90.7	90.7	89.4	88.5	87.7	88.5	88.5
60°	88.1	85.0	83.3	80.7	78.9	77.1	75.0	74.5	73.6	73.2	72.8
62.5°	76.7	74.1	69.7	65.7	63.1	61.4	60.5	60.0	60.0	59.6	59.6
65°	64.0	57.9	55.7	54.4	53.9	53.5	52.6	52.2	52.6	52.2	52.6
67.5°	50.0	49.1	47.8	46.9	46.5	46.0	46.0	45.6	45.6	45.6	45.6
70°	43.4	41.2	40.8	39.9	39.9	39.4	39.4	39.4	39.4	39.0	39.9
72.5°	35.9	34.6	34.2	33.8	33.8	33.8	33.3	33.3	33.3	32.9	33.3
75°	29.4	28.9	28.1	28.1	27.6	28.1	27.6	27.6	27.2	27.6	27.6
77.5°	23.7	23.2	22.8	22.8	22.4	22.4	22.4	22.4	22.4	22.4	22.8
80°	18.0	17.5	17.1	17.5	17.1	17.5	17.1	17.1	17.5	17.1	17.1
82.5°	13.1	12.7	12.7	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3
85°	7.9	7.5	7.5	7.9	7.5	7.9	7.5	7.5	7.5	7.9	7.9
87.5°	3.5	3.9	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.9
90°	33.9	33.4	33.0	32.5	32.3	32.4	32.6	32.9	33.1	33.3	33.1
92.5°	30.6	30.8	31.0	31.2	31.3	31.3	31.3	31.3	31.3	31.3	31.3
95°	62.7	62.7	62.7	62.7	62.7	62.5	62.0	61.6	61.1	60.7	61.1
97.5°	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
100°	135.2	135.2	135.2	135.2	135.2	135.1	134.9	134.6	134.4	134.2	134.4
102.5°	175.5	175.7	176.0	176.2	176.3	176.2	176.0	175.7	175.5	175.3	175.5
105°	215.9	216.3	216.8	217.2	217.4	217.4	217.4	217.4	217.4	217.4	217.4
107.5°	259.7	259.9	260.2	260.4	260.5	260.0	258.9	257.8	256.7	255.6	256.7
110°	304.6	304.6	304.6	304.6	304.6	304.3	303.6	302.9	302.3	301.6	302.3

TEST NUMBER: P1009921

CATALOG NUMBER: S122RDIP-B290D925UB27-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	350.0	349.3	348.7	348.0	347.7	347.5	347.0	346.6	346.1	345.7	346.1
115°	395.5	395.3	395.0	394.8	394.7	394.4	393.7	393.0	392.4	391.7	392.4
117.5°	440.1	439.4	438.8	438.1	437.8	437.5	436.8	436.1	435.5	434.8	435.5
120°	483.8	483.8	483.8	483.8	483.8	483.5	482.8	482.2	481.5	480.9	481.5
122.5°	530.2	529.5	528.9	528.2	527.9	527.7	527.2	526.8	526.3	525.9	526.3
125°	575.2	574.6	573.9	573.2	572.9	572.8	572.6	572.4	572.2	572.0	572.2
127.5°	619.0	618.2	617.3	616.4	616.0	615.7	615.0	614.4	613.7	613.1	613.7
130°	663.6	663.2	662.7	662.3	662.1	661.7	660.8	659.9	659.0	658.1	659.0
132.5°	708.0	706.9	705.8	704.7	704.2	703.9	703.2	702.5	701.9	701.2	701.9
135°	750.0	749.8	749.5	749.3	749.2	748.9	748.2	747.6	746.9	746.3	746.9
137.5°	791.1	790.9	790.7	790.5	790.4	790.0	789.1	788.2	787.3	786.4	787.3
140°	832.5	832.5	832.5	832.5	832.5	832.1	831.2	830.3	829.4	828.5	829.4
142.5°	869.9	870.1	870.4	870.6	870.7	870.3	869.4	868.5	867.6	866.7	867.6
145°	908.1	908.3	908.6	908.8	908.9	908.5	907.6	906.7	905.8	904.9	905.8
147.5°	941.6	942.0	942.5	942.9	943.1	942.7	941.8	940.9	940.1	939.2	940.1
150°	973.2	973.8	974.5	975.2	975.5	975.2	974.5	973.8	973.2	972.5	973.2
152.5°	1004.8	1005.6	1006.5	1007.4	1007.8	1007.4	1006.5	1005.6	1004.8	1003.9	1004.8
155°	1030.4	1031.5	1032.6	1033.7	1034.2	1033.9	1033.2	1032.6	1031.9	1031.3	1031.9
157.5°	1055.3	1056.9	1058.4	1059.9	1060.7	1060.2	1059.1	1058.0	1056.9	1055.8	1056.9
160°	1077.6	1078.9	1080.2	1081.5	1082.2	1081.8	1080.9	1080.0	1079.2	1078.3	1079.2
162.5°	1097.4	1099.0	1100.5	1102.0	1102.8	1102.3	1101.2	1100.1	1099.0	1097.9	1099.0
165°	1114.1	1115.6	1117.1	1118.6	1119.4	1118.9	1117.8	1116.7	1115.6	1114.5	1115.6
167.5°	1128.8	1130.3	1131.8	1133.3	1134.1	1133.6	1132.5	1131.4	1130.3	1129.2	1130.3
170°	1140.5	1142.1	1143.6	1145.1	1145.9	1145.2	1143.9	1142.6	1141.3	1140.0	1141.3
172.5°	1149.3	1150.9	1152.4	1153.9	1154.7	1154.0	1152.7	1151.4	1150.1	1148.8	1150.1
175°	1155.2	1156.8	1158.3	1159.8	1160.6	1159.9	1158.6	1157.3	1156.0	1154.7	1156.0
177.5°	1158.9	1160.2	1161.5	1162.8	1163.5	1162.8	1161.5	1160.2	1158.9	1157.6	1158.9
180°	1160.6	1160.6	1160.6	1160.6	1160.6	1160.6	1160.6	1160.6	1160.6	1160.6	1160.6

TEST NUMBER: P1009921

CATALOG NUMBER: S122RDIP-B290D925UB27-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	630.7	630.7	630.7	630.7	630.7	630.7	630.7	630.7	630.7	630.7	630.7
2.5°	664.9	661.9	661.0	661.9	661.0	661.4	658.4	647.0	650.0	645.2	647.8
5°	702.6	700.0	694.3	693.4	692.5	691.7	687.3	677.2	673.3	666.7	666.2
7.5°	738.6	738.6	734.2	731.1	727.2	724.1	718.4	703.5	697.4	689.5	685.1
10°	774.1	762.7	767.5	764.4	754.8	753.0	742.5	733.7	721.9	714.0	707.0
12.5°	799.5	796.0	791.6	789.0	786.3	780.6	773.6	751.3	745.1	729.4	721.5
15°	798.6	796.4	797.7	797.7	796.9	795.5	789.9	773.6	763.1	747.8	734.2
17.5°	755.7	761.4	767.1	771.0	779.8	783.7	789.0	779.3	772.8	759.6	745.1
20°	680.7	694.7	711.4	714.9	722.8	746.0	756.5	764.9	767.5	763.1	751.3
22.5°	576.4	588.2	628.6	627.7	639.1	666.7	697.4	722.4	742.1	753.0	748.6
25°	451.5	468.1	489.6	505.8	543.1	584.3	622.4	662.3	696.5	726.7	734.2
27.5°	341.5	363.4	380.5	401.9	420.8	469.4	518.5	580.8	620.7	678.1	707.9
30°	276.1	286.2	303.3	313.4	322.6	359.9	415.5	476.9	547.0	613.2	664.5
32.5°	235.8	242.8	255.5	259.9	269.6	294.6	329.6	385.7	458.0	538.3	605.8
35°	211.7	219.2	221.8	225.7	233.6	249.4	273.5	314.3	379.6	458.0	538.7
37.5°	191.1	195.1	202.5	205.1	207.8	219.6	235.8	264.3	307.7	372.1	461.6
40°	176.6	178.8	182.8	185.0	186.7	195.1	209.5	228.8	260.8	309.9	392.3
42.5°	161.3	163.9	166.6	169.2	171.4	178.0	186.7	205.1	226.6	263.9	323.5
45°	146.4	148.2	151.2	153.0	156.0	161.3	169.2	181.9	201.2	224.9	273.1
47.5°	132.8	135.0	136.3	138.5	140.7	146.4	153.9	162.2	178.0	201.2	236.3
50°	120.5	123.2	124.9	125.4	127.1	132.4	138.5	147.7	157.8	175.8	206.4
52.5°	111.8	112.2	113.5	115.3	114.8	117.9	123.6	130.6	141.1	155.6	178.0
55°	101.7	103.0	103.9	104.3	104.3	106.9	110.0	116.6	124.9	136.8	155.6
57.5°	89.0	90.3	92.9	93.8	95.1	96.4	97.7	102.1	109.1	120.5	135.9
60°	75.8	76.7	79.3	81.1	82.0	85.5	87.2	90.7	94.7	103.0	117.5
62.5°	60.9	61.8	63.1	64.9	66.6	71.9	76.3	79.8	82.8	88.5	100.4
65°	53.0	53.5	54.4	54.8	55.2	57.4	61.4	66.2	71.9	76.3	83.3
67.5°	46.0	46.5	46.9	47.8	48.2	48.7	50.4	51.7	57.4	63.6	68.8
70°	39.4	40.3	40.8	40.8	41.2	42.1	43.0	44.7	46.5	49.5	56.1
72.5°	33.3	33.8	34.6	34.6	34.6	35.5	36.4	37.3	38.1	39.9	42.5
75°	27.6	28.5	28.5	28.5	28.9	28.9	29.8	30.7	31.6	32.9	33.8
77.5°	22.8	22.8	22.8	22.8	23.2	23.2	23.7	24.5	25.0	25.4	26.3
80°	17.1	17.5	17.5	17.5	18.0	18.0	18.0	18.8	19.3	19.3	20.2
82.5°	12.7	12.7	12.7	13.1	12.7	13.1	13.1	13.6	13.1	13.6	14.0
85°	7.9	7.9	7.9	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.8
87.5°	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	4.4	3.9	3.9
90°	32.9	32.6	32.4	32.3	32.5	33.0	33.4	33.9	34.3	29.5	24.7
92.5°	31.3	31.3	31.3	31.3	31.2	31.0	30.8	30.6	30.4	30.2	30.0
95°	61.6	62.0	62.5	62.7	62.7	62.7	62.7	62.7	62.7	62.3	61.8
97.5°	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.0	96.2
100°	134.6	134.9	135.1	135.2	135.2	135.2	135.2	135.2	135.2	134.5	133.9
102.5°	175.7	176.0	176.2	176.3	176.2	176.0	175.7	175.5	175.3	174.4	173.6
105°	217.4	217.4	217.4	217.4	217.2	216.8	216.3	215.9	215.5	215.1	214.6
107.5°	257.8	258.9	260.0	260.5	260.4	260.2	259.9	259.7	259.5	259.5	259.5
110°	302.9	303.6	304.3	304.6	304.6	304.6	304.6	304.6	304.6	304.6	304.6

TEST NUMBER: P1009921

CATALOG NUMBER: S122RDIP-B290D925UB27-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	346.6	347.0	347.5	347.7	348.0	348.7	349.3	350.0	350.6	350.8	351.0
115°	393.0	393.7	394.4	394.7	394.8	395.0	395.3	395.5	395.7	396.1	396.5
117.5°	436.1	436.8	437.5	437.8	438.1	438.8	439.4	440.1	440.7	441.8	442.9
120°	482.2	482.8	483.5	483.8	483.8	483.8	483.8	483.8	483.8	485.5	487.3
122.5°	526.8	527.2	527.7	527.9	528.2	528.9	529.5	530.2	530.8	531.9	533.0
125°	572.4	572.6	572.8	572.9	573.2	573.9	574.6	575.2	575.9	576.5	577.2
127.5°	614.4	615.0	615.7	616.0	616.4	617.3	618.2	619.0	619.9	620.8	621.7
130°	659.9	660.8	661.7	662.1	662.3	662.7	663.2	663.6	664.0	664.4	664.9
132.5°	702.5	703.2	703.9	704.2	704.7	705.8	706.9	708.0	709.1	708.9	708.7
135°	747.6	748.2	748.9	749.2	749.3	749.5	749.8	750.0	750.2	749.8	749.3
137.5°	788.2	789.1	790.0	790.4	790.5	790.7	790.9	791.1	791.3	790.9	790.5
140°	830.3	831.2	832.1	832.5	832.5	832.5	832.5	832.5	832.5	831.4	830.3
142.5°	868.5	869.4	870.3	870.7	870.6	870.4	870.1	869.9	869.7	869.0	868.4
145°	906.7	907.6	908.5	908.9	908.8	908.6	908.3	908.1	907.9	906.6	905.3
147.5°	940.9	941.8	942.7	943.1	942.9	942.5	942.0	941.6	941.2	940.3	939.5
150°	973.8	974.5	975.2	975.5	975.2	974.5	973.8	973.2	972.5	971.6	970.8
152.5°	1005.6	1006.5	1007.4	1007.8	1007.4	1006.5	1005.6	1004.8	1003.9	1002.8	1001.7
155°	1032.6	1033.2	1033.9	1034.2	1033.7	1032.6	1031.5	1030.4	1029.3	1028.7	1028.0
157.5°	1058.0	1059.1	1060.2	1060.7	1059.9	1058.4	1056.9	1055.3	1053.8	1053.4	1052.9
160°	1080.0	1080.9	1081.8	1082.2	1081.5	1080.2	1078.9	1077.6	1076.3	1076.1	1075.9
162.5°	1100.1	1101.2	1102.3	1102.8	1102.0	1100.5	1099.0	1097.4	1095.9	1095.7	1095.5
165°	1116.7	1117.8	1118.9	1119.4	1118.6	1117.1	1115.6	1114.1	1112.6	1112.6	1112.6
167.5°	1131.4	1132.5	1133.6	1134.1	1133.3	1131.8	1130.3	1128.8	1127.3	1127.3	1127.3
170°	1142.6	1143.9	1145.2	1145.9	1145.1	1143.6	1142.1	1140.5	1139.0	1139.2	1139.4
172.5°	1151.4	1152.7	1154.0	1154.7	1153.9	1152.4	1150.9	1149.3	1147.8	1148.0	1148.2
175°	1157.3	1158.6	1159.9	1160.6	1159.8	1158.3	1156.8	1155.2	1153.7	1154.1	1154.6
177.5°	1160.2	1161.5	1162.8	1163.5	1162.8	1161.5	1160.2	1158.9	1157.6	1158.0	1158.5
180°	1160.6	1160.6	1160.6	1160.6	1160.6	1160.6	1160.6	1160.6	1160.6	1160.6	1160.6

TEST NUMBER: P1009921

CATALOG NUMBER: S122RDIP-B290D925UB27-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
0°	630.7	630.7	630.7	630.7	630.7	630.7	630.7	630.7	630.7	630.7	630.7
2.5°	643.9	641.7	641.7	640.4	640.4	633.4	633.4	635.6	632.9	629.9	625.5
5°	660.5	655.7	654.4	652.7	647.0	638.2	634.7	633.4	628.1	621.5	614.1
7.5°	676.3	668.4	664.5	660.5	653.1	640.8	633.8	629.0	621.1	611.0	601.4
10°	691.7	681.6	671.5	666.7	656.2	640.8	630.7	622.9	611.5	597.9	584.3
12.5°	705.7	684.7	682.9	673.3	657.9	640.4	625.0	613.6	599.2	583.4	567.6
15°	718.0	696.5	686.0	677.2	657.0	635.1	618.9	604.9	585.6	567.6	548.3
17.5°	724.1	700.9	693.9	679.4	658.8	630.3	608.4	591.3	570.3	548.8	526.9
20°	730.2	703.1	691.7	681.6	653.5	621.1	596.6	576.8	553.6	528.2	504.1
22.5°	733.3	703.1	689.5	675.5	648.3	611.0	582.1	558.9	531.7	505.8	476.9
25°	728.0	700.4	684.2	669.8	639.1	598.7	565.4	539.1	510.2	480.8	451.5
27.5°	714.9	694.3	675.5	660.5	626.4	583.0	547.9	518.1	488.3	455.4	425.6
30°	690.4	681.1	666.2	649.6	612.3	568.9	527.3	496.6	463.7	430.9	399.7
32.5°	652.2	660.1	650.5	636.0	595.7	549.7	505.4	474.3	438.3	402.8	374.3
35°	605.8	633.8	628.6	618.5	578.1	529.1	484.8	447.1	411.1	375.2	346.7
37.5°	554.9	597.4	601.8	595.7	558.0	508.0	459.4	422.5	385.7	349.3	320.4
40°	485.2	550.5	564.6	567.2	536.9	482.6	431.7	395.8	359.4	323.9	288.9
42.5°	421.2	503.6	521.2	532.1	510.2	457.6	406.3	366.4	330.5	298.5	263.4
45°	361.2	447.1	475.6	489.6	480.0	429.1	376.1	338.8	305.9	276.6	242.8
47.5°	299.4	385.7	425.6	448.0	448.0	400.2	347.1	310.3	278.8	253.8	224.0
50°	258.2	330.1	371.3	400.6	408.5	370.8	320.8	284.9	255.1	227.9	205.1
52.5°	220.0	284.5	318.7	349.3	372.1	339.3	291.5	259.0	229.7	204.3	186.3
55°	190.2	238.4	269.6	303.3	328.7	307.3	263.0	231.4	206.0	185.0	169.6
57.5°	161.7	203.8	229.2	259.0	286.2	270.0	234.5	207.3	185.0	166.6	153.0
60°	137.6	171.8	191.5	214.8	248.5	237.1	207.8	182.8	164.8	148.2	136.8
62.5°	117.0	144.2	160.9	177.5	208.2	202.9	180.1	160.9	145.5	131.5	121.9
65°	96.0	118.3	131.5	146.0	170.5	172.7	154.3	140.7	126.7	114.4	105.6
67.5°	77.6	95.1	106.9	119.2	138.9	145.1	132.4	121.0	109.1	99.1	91.2
70°	62.7	75.0	83.7	93.4	109.6	117.0	110.5	102.6	92.9	84.6	77.6
72.5°	49.5	57.4	62.7	70.1	83.3	90.7	90.3	83.3	76.3	70.6	64.9
75°	36.4	42.5	46.9	51.7	62.2	69.3	71.0	67.9	60.9	56.5	52.2
77.5°	27.6	31.1	33.3	36.8	44.3	50.4	53.0	52.2	47.3	43.8	40.8
80°	21.0	21.9	22.8	24.1	30.2	35.9	37.7	37.3	34.6	33.3	29.8
82.5°	14.9	15.3	15.8	16.2	18.4	23.2	25.0	25.9	23.7	22.4	19.3
85°	8.8	9.2	9.2	10.1	10.5	11.8	14.9	14.9	14.5	12.7	12.3
87.5°	4.4	4.4	3.9	3.9	4.4	4.8	5.7	6.6	5.7	5.3	4.8
90°	19.9	15.1	12.7	11.4	8.8	6.2	3.6	1.0	3.6	6.2	8.8
92.5°	29.7	29.5	29.4	28.5	26.8	25.0	23.3	21.5	23.3	25.0	26.8
95°	61.4	60.9	60.7	59.6	57.4	55.3	53.1	50.9	53.1	55.3	57.4
97.5°	95.3	94.4	94.0	93.0	91.1	89.1	87.2	85.2	87.2	89.1	91.1
100°	133.2	132.5	132.2	131.3	129.6	127.9	126.1	124.4	126.1	127.9	129.6
102.5°	172.7	171.8	171.4	170.7	169.4	168.1	166.8	165.5	166.8	168.1	169.4
105°	214.2	213.7	213.5	213.2	212.5	211.9	211.2	210.6	211.2	211.9	212.5
107.5°	259.5	259.5	259.5	259.1	258.2	257.3	256.5	255.6	256.5	257.3	258.2
110°	304.6	304.6	304.6	303.9	302.6	301.3	300.0	298.7	300.0	301.3	302.6

TEST NUMBER: P1009921

CATALOG NUMBER: S122RDIP-B290D925UB27-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
112.5°	351.3	351.5	351.6	350.9	349.6	348.3	347.0	345.7	347.0	348.3	349.6
115°	397.0	397.4	397.6	396.9	395.6	394.3	393.0	391.7	393.0	394.3	395.6
117.5°	444.0	445.1	445.6	444.7	443.0	441.3	439.5	437.8	439.5	441.3	443.0
120°	489.0	490.7	491.6	490.7	489.0	487.3	485.5	483.8	485.5	487.3	489.0
122.5°	534.1	535.2	535.7	534.6	532.4	530.3	528.1	525.9	528.1	530.3	532.4
125°	577.8	578.5	578.8	577.8	575.9	573.9	572.0	570.0	572.0	573.9	575.9
127.5°	622.6	623.5	623.9	622.7	620.3	617.9	615.5	613.1	615.5	617.9	620.3
130°	665.3	665.8	666.0	664.6	661.7	658.9	656.0	653.2	656.0	658.9	661.7
132.5°	708.4	708.2	708.1	707.0	704.8	702.7	700.5	698.3	700.5	702.7	704.8
135°	748.9	748.4	748.2	747.0	744.6	742.3	739.9	737.5	739.9	742.3	744.6
137.5°	790.0	789.6	789.4	788.4	786.5	784.5	782.6	780.6	782.6	784.5	786.5
140°	829.2	828.1	827.6	826.6	824.7	822.7	820.8	818.8	820.8	822.7	824.7
142.5°	867.7	867.0	866.7	865.7	863.8	861.8	859.9	857.9	859.9	861.8	863.8
145°	904.0	902.7	902.0	901.2	899.7	898.2	896.6	895.1	896.6	898.2	899.7
147.5°	938.6	937.7	937.3	936.3	934.3	932.4	930.4	928.4	930.4	932.4	934.3
150°	969.9	969.0	968.6	967.9	966.6	965.3	964.0	962.7	964.0	965.3	966.6
152.5°	1000.6	999.5	999.0	998.3	997.0	995.7	994.4	993.1	994.4	995.7	997.0
155°	1027.4	1026.7	1026.4	1026.1	1025.4	1024.7	1024.1	1023.4	1024.1	1024.7	1025.4
157.5°	1052.5	1052.0	1051.8	1051.6	1051.2	1050.7	1050.3	1049.9	1050.3	1050.7	1051.2
160°	1075.7	1075.5	1075.4	1075.2	1074.7	1074.3	1073.8	1073.4	1073.8	1074.3	1074.7
162.5°	1095.2	1095.0	1094.9	1094.9	1094.9	1094.9	1094.9	1094.9	1094.9	1094.9	1094.9
165°	1112.6	1112.6	1112.6	1112.7	1112.9	1113.1	1113.3	1113.5	1113.3	1113.1	1112.9
167.5°	1127.3	1127.3	1127.3	1127.6	1128.3	1128.9	1129.6	1130.2	1129.6	1128.9	1128.3
170°	1139.7	1139.9	1140.0	1140.3	1141.0	1141.6	1142.3	1142.9	1142.3	1141.6	1141.0
172.5°	1148.5	1148.7	1148.8	1149.1	1149.8	1150.4	1151.1	1151.7	1151.1	1150.4	1149.8
175°	1155.0	1155.5	1155.7	1156.0	1156.7	1157.3	1158.0	1158.6	1158.0	1157.3	1156.7
177.5°	1158.9	1159.4	1159.6	1159.9	1160.6	1161.2	1161.9	1162.5	1161.9	1161.2	1160.6
180°	1160.6	1160.6	1160.6	1160.6	1160.6	1160.6	1160.6	1160.6	1160.6	1160.6	1160.6

TEST NUMBER: P1009921

CATALOG NUMBER: S122RDIP-B290D925UB27-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
0°	630.7	630.7	630.7	630.7	630.7	630.7	630.7	630.7	630.7	630.7	630.7
2.5°	623.7	624.2	625.5	621.5	615.4	612.8	604.9	603.6	602.3	602.3	603.6
5°	609.7	607.9	608.4	600.9	592.2	586.9	576.0	577.7	572.0	568.5	569.4
7.5°	594.4	589.5	589.1	579.5	568.5	558.9	547.5	544.8	539.6	533.4	530.8
10°	575.1	571.6	565.0	554.0	540.0	532.1	516.8	507.6	506.3	497.1	493.5
12.5°	555.4	549.2	542.6	527.3	511.5	498.8	487.4	477.3	470.3	462.4	457.2
15°	532.6	525.1	517.7	501.4	483.0	470.3	453.2	438.3	417.7	401.5	392.3
17.5°	507.6	499.2	489.2	471.2	453.2	435.7	404.1	386.6	372.1	362.5	356.8
20°	481.7	472.5	462.4	444.5	413.3	382.7	365.1	351.5	342.8	333.1	326.1
22.5°	454.5	444.9	433.9	405.9	373.0	351.5	337.9	325.2	312.5	307.3	303.8
25°	429.1	420.3	406.3	368.2	342.3	322.6	307.3	298.9	292.4	285.3	278.8
27.5°	402.8	386.6	366.9	334.9	318.7	298.5	287.5	281.4	270.0	265.2	262.1
30°	371.3	353.3	334.4	311.6	292.8	278.8	268.7	258.6	252.0	247.2	242.0
32.5°	339.3	322.2	310.3	286.7	272.6	258.2	248.5	242.4	232.7	229.7	227.5
35°	311.6	297.2	286.7	267.4	254.2	241.1	234.1	224.9	218.7	213.0	209.5
37.5°	284.5	276.6	265.6	249.4	235.4	224.9	215.2	212.1	203.8	200.8	197.2
40°	265.6	253.8	244.6	230.6	218.7	207.3	201.2	194.2	188.5	183.7	182.3
42.5°	242.8	234.1	228.8	213.5	201.2	194.6	187.2	179.3	174.9	170.9	166.1
45°	225.7	217.8	210.4	198.1	187.2	178.8	172.3	167.0	159.5	157.8	150.3
47.5°	207.8	199.9	194.2	181.9	171.8	163.9	159.1	152.1	146.0	142.0	138.5
50°	189.8	183.2	178.0	167.4	158.7	150.3	143.8	136.8	134.1	127.6	125.4
52.5°	172.7	168.3	162.6	152.5	143.8	136.8	129.7	124.0	120.1	116.6	114.0
55°	158.2	151.2	148.6	137.6	130.2	122.7	116.6	113.1	108.3	106.1	103.9
57.5°	142.0	138.1	133.7	125.4	117.0	110.0	105.6	100.4	97.7	95.1	93.4
60°	128.0	122.3	118.8	111.8	104.3	97.7	93.8	89.9	86.3	84.2	80.7
62.5°	111.8	107.4	105.2	97.7	91.6	85.5	82.0	78.0	75.4	71.4	67.1
65°	97.7	94.2	91.6	85.5	79.8	74.1	70.6	65.7	62.2	60.0	59.6
67.5°	85.5	82.8	78.9	73.2	67.5	63.1	59.2	55.2	54.8	53.9	53.9
70°	71.9	69.3	67.1	60.9	56.1	51.3	50.4	49.1	47.8	47.3	46.5
72.5°	60.0	57.9	55.2	50.0	45.1	43.8	43.0	42.1	40.8	40.3	39.9
75°	48.7	45.6	43.8	39.0	37.7	36.8	35.9	34.6	33.8	33.3	32.4
77.5°	37.3	34.2	34.2	31.6	30.7	29.4	28.5	27.6	27.2	26.3	26.3
80°	26.3	26.3	25.4	24.1	22.8	22.4	21.0	20.6	20.2	20.6	19.7
82.5°	19.3	17.5	17.5	16.7	15.8	15.3	14.5	14.5	14.0	14.0	14.0
85°	11.0	11.0	10.5	9.6	9.2	9.2	8.8	8.8	8.3	8.3	7.9
87.5°	4.4	3.9	4.4	3.9	3.9	3.5	3.5	3.5	3.1	3.5	3.1
90°	11.4	12.7	15.1	19.9	24.7	29.5	34.3	33.9	33.4	33.0	32.5
92.5°	28.5	29.4	29.5	29.7	30.0	30.2	30.4	30.6	30.8	31.0	31.2
95°	59.6	60.7	60.9	61.4	61.8	62.3	62.7	62.7	62.7	62.7	62.7
97.5°	93.0	94.0	94.4	95.3	96.2	97.0	97.9	97.9	97.9	97.9	97.9
100°	131.3	132.2	132.5	133.2	133.9	134.5	135.2	135.2	135.2	135.2	135.2
102.5°	170.7	171.4	171.8	172.7	173.6	174.4	175.3	175.5	175.7	176.0	176.2
105°	213.2	213.5	213.7	214.2	214.6	215.1	215.5	215.9	216.3	216.8	217.2
107.5°	259.1	259.5	259.5	259.5	259.5	259.5	259.5	259.7	259.9	260.2	260.4
110°	303.9	304.6	304.6	304.6	304.6	304.6	304.6	304.6	304.6	304.6	304.6

TEST NUMBER: P1009921

CATALOG NUMBER: S122RDIP-B290D925UB27-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
112.5°	350.9	351.6	351.5	351.3	351.0	350.8	350.6	350.0	349.3	348.7	348.0
115°	396.9	397.6	397.4	397.0	396.5	396.1	395.7	395.5	395.3	395.0	394.8
117.5°	444.7	445.6	445.1	444.0	442.9	441.8	440.7	440.1	439.4	438.8	438.1
120°	490.7	491.6	490.7	489.0	487.3	485.5	483.8	483.8	483.8	483.8	483.8
122.5°	534.6	535.7	535.2	534.1	533.0	531.9	530.8	530.2	529.5	528.9	528.2
125°	577.8	578.8	578.5	577.8	577.2	576.5	575.9	575.2	574.6	573.9	573.2
127.5°	622.7	623.9	623.5	622.6	621.7	620.8	619.9	619.0	618.2	617.3	616.4
130°	664.6	666.0	665.8	665.3	664.9	664.4	664.0	663.6	663.2	662.7	662.3
132.5°	707.0	708.1	708.2	708.4	708.7	708.9	709.1	708.0	706.9	705.8	704.7
135°	747.0	748.2	748.4	748.9	749.3	749.8	750.2	750.0	749.8	749.5	749.3
137.5°	788.4	789.4	789.6	790.0	790.5	790.9	791.3	791.1	790.9	790.7	790.5
140°	826.6	827.6	828.1	829.2	830.3	831.4	832.5	832.5	832.5	832.5	832.5
142.5°	865.7	866.7	867.0	867.7	868.4	869.0	869.7	869.9	870.1	870.4	870.6
145°	901.2	902.0	902.7	904.0	905.3	906.6	907.9	908.1	908.3	908.6	908.8
147.5°	936.3	937.3	937.7	938.6	939.5	940.3	941.2	941.6	942.0	942.5	942.9
150°	967.9	968.6	969.0	969.9	970.8	971.6	972.5	973.2	973.8	974.5	975.2
152.5°	998.3	999.0	999.5	1000.6	1001.7	1002.8	1003.9	1004.8	1005.6	1006.5	1007.4
155°	1026.1	1026.4	1026.7	1027.4	1028.0	1028.7	1029.3	1030.4	1031.5	1032.6	1033.7
157.5°	1051.6	1051.8	1052.0	1052.5	1052.9	1053.4	1053.8	1055.3	1056.9	1058.4	1059.9
160°	1075.2	1075.4	1075.5	1075.7	1075.9	1076.1	1076.3	1077.6	1078.9	1080.2	1081.5
162.5°	1094.9	1094.9	1095.0	1095.2	1095.5	1095.7	1095.9	1097.4	1099.0	1100.5	1102.0
165°	1112.7	1112.6	1112.6	1112.6	1112.6	1112.6	1112.6	1114.1	1115.6	1117.1	1118.6
167.5°	1127.6	1127.3	1127.3	1127.3	1127.3	1127.3	1127.3	1128.8	1130.3	1131.8	1133.3
170°	1140.3	1140.0	1139.9	1139.7	1139.4	1139.2	1139.0	1140.5	1142.1	1143.6	1145.1
172.5°	1149.1	1148.8	1148.7	1148.5	1148.2	1148.0	1147.8	1149.3	1150.9	1152.4	1153.9
175°	1156.0	1155.7	1155.5	1155.0	1154.6	1154.1	1153.7	1155.2	1156.8	1158.3	1159.8
177.5°	1159.9	1159.6	1159.4	1158.9	1158.5	1158.0	1157.6	1158.9	1160.2	1161.5	1162.8
180°	1160.6	1160.6	1160.6	1160.6	1160.6	1160.6	1160.6	1160.6	1160.6	1160.6	1160.6

TEST NUMBER: P1009921

CATALOG NUMBER: S122RDIP-B290D925UB27-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
0°	630.7	630.7	630.7	630.7	630.7	630.7	630.7	630.7	630.7	630.7	630.7
2.5°	603.6	602.7	600.1	600.9	599.6	599.6	598.7	598.7	598.7	600.9	599.6
5°	570.7	567.6	564.6	563.2	561.9	560.6	560.6	560.2	564.1	563.2	566.7
7.5°	529.9	529.1	522.9	522.9	520.7	519.8	522.0	522.5	522.9	523.8	526.0
10°	493.5	491.4	482.6	483.5	482.2	480.4	481.7	480.8	483.9	484.8	483.9
12.5°	450.6	446.6	437.0	432.2	426.9	423.0	427.8	424.3	436.6	440.1	449.7
15°	393.6	386.2	379.6	379.6	374.8	371.3	373.4	377.4	380.0	384.0	385.7
17.5°	355.5	352.4	347.1	344.1	342.8	341.5	341.5	343.2	348.9	348.5	352.0
20°	323.0	321.3	318.7	314.7	313.4	312.5	312.5	312.5	316.5	320.0	322.2
22.5°	300.7	299.4	297.6	292.4	289.7	288.9	291.0	292.4	295.4	298.1	300.2
25°	278.3	275.3	272.2	270.4	269.1	269.1	270.0	270.4	271.8	273.1	275.7
27.5°	259.9	257.7	253.3	248.5	248.5	247.2	248.1	249.0	252.0	256.4	258.6
30°	239.3	238.9	237.1	235.4	233.6	232.7	234.5	235.8	236.3	238.4	238.4
32.5°	224.4	221.4	218.3	216.5	215.7	215.2	215.7	217.4	217.4	220.0	223.1
35°	209.5	207.8	204.7	201.6	200.8	198.6	200.3	202.1	205.1	206.4	207.8
37.5°	193.3	191.1	189.8	188.9	187.2	187.6	186.3	188.9	191.5	191.1	192.0
40°	181.0	177.1	173.1	172.7	172.3	171.8	171.8	172.3	174.0	175.8	178.4
42.5°	165.2	163.9	160.4	156.9	156.0	155.2	154.3	156.0	159.5	162.6	163.9
45°	149.0	147.3	146.4	143.8	142.0	141.6	140.7	142.9	146.0	147.3	148.2
47.5°	134.1	133.7	131.1	131.5	130.2	130.6	130.2	131.5	131.5	132.8	133.7
50°	124.0	122.7	121.4	120.5	119.2	119.2	118.8	119.2	121.0	122.7	122.3
52.5°	114.0	111.8	111.3	110.9	110.0	110.9	109.6	110.0	111.8	112.6	112.2
55°	102.1	101.7	100.8	99.9	99.5	99.1	99.1	99.1	100.8	102.1	102.6
57.5°	92.9	90.7	89.0	89.0	87.2	86.8	87.7	88.1	89.4	90.3	91.2
60°	80.2	79.3	76.7	75.4	72.8	72.3	72.3	74.1	76.3	79.3	80.2
62.5°	66.6	65.3	64.9	64.9	64.9	64.9	64.9	64.9	64.9	65.3	65.3
65°	59.2	59.6	59.2	58.7	59.2	59.2	58.7	58.7	58.7	59.2	59.6
67.5°	53.0	52.6	53.0	52.6	52.2	52.2	51.7	52.2	52.6	53.0	53.0
70°	46.0	46.0	45.6	46.0	45.6	45.1	44.7	44.7	45.6	46.0	46.0
72.5°	39.4	39.4	39.0	39.0	38.1	38.1	38.6	38.1	38.1	39.4	39.4
75°	32.9	32.4	32.0	32.0	31.6	31.6	31.6	31.1	32.0	32.0	32.4
77.5°	25.9	25.9	25.9	25.4	25.4	25.0	25.0	25.4	25.4	25.4	25.9
80°	19.7	19.7	19.7	19.3	18.8	18.8	18.8	18.8	18.8	19.3	18.8
82.5°	13.6	13.6	13.6	13.6	13.6	13.1	13.1	13.1	13.6	13.6	13.1
85°	8.3	7.9	8.3	8.3	7.9	8.3	7.9	7.9	7.5	7.5	7.9
87.5°	3.5	3.1	2.6	2.6	3.1	2.6	2.6	2.6	3.1	2.6	2.6
90°	32.3	32.4	32.6	32.9	33.1	33.3	33.1	32.9	32.6	32.4	32.3
92.5°	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3
95°	62.7	62.5	62.0	61.6	61.1	60.7	61.1	61.6	62.0	62.5	62.7
97.5°	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
100°	135.2	135.1	134.9	134.6	134.4	134.2	134.4	134.6	134.9	135.1	135.2
102.5°	176.3	176.2	176.0	175.7	175.5	175.3	175.5	175.7	176.0	176.2	176.3
105°	217.4	217.4	217.4	217.4	217.4	217.4	217.4	217.4	217.4	217.4	217.4
107.5°	260.5	260.0	258.9	257.8	256.7	255.6	256.7	257.8	258.9	260.0	260.5
110°	304.6	304.3	303.6	302.9	302.3	301.6	302.3	302.9	303.6	304.3	304.6

TEST NUMBER: P1009921

CATALOG NUMBER: S122RDIP-B290D925UB27-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
112.5°	347.7	347.5	347.0	346.6	346.1	345.7	346.1	346.6	347.0	347.5	347.7
115°	394.7	394.4	393.7	393.0	392.4	391.7	392.4	393.0	393.7	394.4	394.7
117.5°	437.8	437.5	436.8	436.1	435.5	434.8	435.5	436.1	436.8	437.5	437.8
120°	483.8	483.5	482.8	482.2	481.5	480.9	481.5	482.2	482.8	483.5	483.8
122.5°	527.9	527.7	527.2	526.8	526.3	525.9	526.3	526.8	527.2	527.7	527.9
125°	572.9	572.8	572.6	572.4	572.2	572.0	572.2	572.4	572.6	572.8	572.9
127.5°	616.0	615.7	615.0	614.4	613.7	613.1	613.7	614.4	615.0	615.7	616.0
130°	662.1	661.7	660.8	659.9	659.0	658.1	659.0	659.9	660.8	661.7	662.1
132.5°	704.2	703.9	703.2	702.5	701.9	701.2	701.9	702.5	703.2	703.9	704.2
135°	749.2	748.9	748.2	747.6	746.9	746.3	746.9	747.6	748.2	748.9	749.2
137.5°	790.4	790.0	789.1	788.2	787.3	786.4	787.3	788.2	789.1	790.0	790.4
140°	832.5	832.1	831.2	830.3	829.4	828.5	829.4	830.3	831.2	832.1	832.5
142.5°	870.7	870.3	869.4	868.5	867.6	866.7	867.6	868.5	869.4	870.3	870.7
145°	908.9	908.5	907.6	906.7	905.8	904.9	905.8	906.7	907.6	908.5	908.9
147.5°	943.1	942.7	941.8	940.9	940.1	939.2	940.1	940.9	941.8	942.7	943.1
150°	975.5	975.2	974.5	973.8	973.2	972.5	973.2	973.8	974.5	975.2	975.5
152.5°	1007.8	1007.4	1006.5	1005.6	1004.8	1003.9	1004.8	1005.6	1006.5	1007.4	1007.8
155°	1034.2	1033.9	1033.2	1032.6	1031.9	1031.3	1031.9	1032.6	1033.2	1033.9	1034.2
157.5°	1060.7	1060.2	1059.1	1058.0	1056.9	1055.8	1056.9	1058.0	1059.1	1060.2	1060.7
160°	1082.2	1081.8	1080.9	1080.0	1079.2	1078.3	1079.2	1080.0	1080.9	1081.8	1082.2
162.5°	1102.8	1102.3	1101.2	1100.1	1099.0	1097.9	1099.0	1100.1	1101.2	1102.3	1102.8
165°	1119.4	1118.9	1117.8	1116.7	1115.6	1114.5	1115.6	1116.7	1117.8	1118.9	1119.4
167.5°	1134.1	1133.6	1132.5	1131.4	1130.3	1129.2	1130.3	1131.4	1132.5	1133.6	1134.1
170°	1145.9	1145.2	1143.9	1142.6	1141.3	1140.0	1141.3	1142.6	1143.9	1145.2	1145.9
172.5°	1154.7	1154.0	1152.7	1151.4	1150.1	1148.8	1150.1	1151.4	1152.7	1154.0	1154.7
175°	1160.6	1159.9	1158.6	1157.3	1156.0	1154.7	1156.0	1157.3	1158.6	1159.9	1160.6
177.5°	1163.5	1162.8	1161.5	1160.2	1158.9	1157.6	1158.9	1160.2	1161.5	1162.8	1163.5
180°	1160.6	1160.6	1160.6	1160.6	1160.6	1160.6	1160.6	1160.6	1160.6	1160.6	1160.6

TEST NUMBER: P1009921

CATALOG NUMBER: S122RDIP-B290D925UB27-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
0°	630.7	630.7	630.7	630.7	630.7	630.7	630.7	630.7	630.7	630.7	630.7
2.5°	600.9	603.1	602.3	597.4	602.3	603.6	606.2	608.8	610.6	613.2	615.4
5°	563.2	567.6	570.3	567.6	576.4	577.7	583.8	587.3	592.6	597.0	600.5
7.5°	527.7	531.2	536.5	537.4	542.6	548.8	557.5	566.3	574.6	579.0	583.0
10°	489.6	495.7	503.6	501.9	509.8	519.4	528.6	542.6	549.7	557.5	564.6
12.5°	451.5	455.4	465.9	469.4	480.8	488.3	501.0	509.8	527.3	536.5	542.6
15°	384.8	401.1	414.2	430.0	444.9	458.9	470.3	486.1	501.4	508.5	518.5
17.5°	354.6	362.1	369.9	377.8	397.1	422.1	442.3	459.4	472.5	481.7	493.5
20°	323.0	330.5	339.3	346.7	358.5	376.5	401.5	430.9	446.6	456.3	467.7
22.5°	300.7	307.7	313.4	320.0	329.2	342.3	361.2	397.6	418.6	430.4	440.5
25°	276.6	285.3	291.5	296.3	303.8	318.2	333.6	354.2	391.9	401.1	415.1
27.5°	259.9	262.6	269.6	277.0	284.5	292.4	308.1	325.7	351.1	371.3	388.4
30°	240.2	246.8	253.3	256.4	263.0	274.4	284.0	302.9	322.6	338.4	359.0
32.5°	225.3	229.2	233.6	241.1	247.2	255.1	264.7	280.5	297.2	307.3	323.0
35°	208.6	211.3	220.5	223.5	229.7	237.6	247.2	259.5	277.5	285.3	296.7
37.5°	192.9	199.0	201.6	208.6	214.3	222.2	229.2	243.3	255.1	264.3	274.8
40°	180.6	183.2	188.0	194.2	199.0	205.1	213.9	224.0	236.7	244.1	253.3
42.5°	165.7	167.9	174.0	177.5	185.4	191.1	196.4	208.6	220.0	225.7	234.9
45°	149.5	154.7	158.7	165.7	170.1	177.1	183.7	192.4	202.9	209.5	214.8
47.5°	135.4	140.7	144.6	151.2	158.2	161.3	168.3	177.5	187.2	192.4	199.9
50°	124.0	125.8	133.2	136.3	143.8	149.9	154.7	162.6	173.1	176.2	182.3
52.5°	113.1	114.4	119.2	123.2	129.7	135.0	141.1	148.6	157.4	162.2	167.0
55°	103.4	104.3	106.5	110.9	115.3	121.9	127.6	134.6	142.0	147.3	151.7
57.5°	92.5	94.2	96.0	98.6	103.0	109.1	115.3	121.9	128.0	131.5	137.2
60°	79.8	82.4	85.5	88.5	91.6	96.0	103.0	109.1	114.8	117.9	122.3
62.5°	66.2	71.4	74.1	77.6	80.2	84.2	89.4	96.4	100.4	104.3	107.8
65°	59.6	60.0	60.5	64.0	68.8	72.8	77.6	82.8	89.0	91.6	94.2
67.5°	53.0	53.5	54.4	54.8	56.5	60.9	66.2	71.9	76.7	78.5	81.1
70°	46.5	46.5	48.2	48.7	49.1	49.5	53.9	59.6	64.0	66.2	69.3
72.5°	39.4	39.9	40.8	41.2	42.1	43.0	44.3	47.3	52.6	54.8	58.3
75°	32.4	32.9	33.3	33.8	35.1	35.5	36.8	38.6	40.8	43.4	45.6
77.5°	25.9	25.9	26.3	27.2	28.1	28.5	29.8	30.7	31.6	32.9	34.6
80°	19.3	19.7	19.7	20.6	20.6	21.0	21.5	22.8	23.7	24.5	25.4
82.5°	13.1	14.0	14.0	14.0	14.5	14.9	15.3	15.3	16.2	16.7	18.0
85°	7.9	8.3	8.3	8.3	7.9	8.8	8.8	9.2	9.2	9.2	9.6
87.5°	3.1	2.6	3.1	3.1	3.1	3.5	3.1	3.1	3.5	3.9	3.9
90°	32.5	33.0	33.4	33.9	34.3	29.5	24.7	19.9	15.1	12.7	11.4
92.5°	31.2	31.0	30.8	30.6	30.4	30.2	30.0	29.7	29.5	29.4	28.5
95°	62.7	62.7	62.7	62.7	62.7	62.3	61.8	61.4	60.9	60.7	59.6
97.5°	97.9	97.9	97.9	97.9	97.9	97.0	96.2	95.3	94.4	94.0	93.0
100°	135.2	135.2	135.2	135.2	135.2	134.5	133.9	133.2	132.5	132.2	131.3
102.5°	176.2	176.0	175.7	175.5	175.3	174.4	173.6	172.7	171.8	171.4	170.7
105°	217.2	216.8	216.3	215.9	215.5	215.1	214.6	214.2	213.7	213.5	213.2
107.5°	260.4	260.2	259.9	259.7	259.5	259.5	259.5	259.5	259.5	259.5	259.1
110°	304.6	304.6	304.6	304.6	304.6	304.6	304.6	304.6	304.6	304.6	303.9

TEST NUMBER: P1009921

CATALOG NUMBER: S122RDIP-B290D925UB27-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
112.5°	348.0	348.7	349.3	350.0	350.6	350.8	351.0	351.3	351.5	351.6	350.9
115°	394.8	395.0	395.3	395.5	395.7	396.1	396.5	397.0	397.4	397.6	396.9
117.5°	438.1	438.8	439.4	440.1	440.7	441.8	442.9	444.0	445.1	445.6	444.7
120°	483.8	483.8	483.8	483.8	483.8	485.5	487.3	489.0	490.7	491.6	490.7
122.5°	528.2	528.9	529.5	530.2	530.8	531.9	533.0	534.1	535.2	535.7	534.6
125°	573.2	573.9	574.6	575.2	575.9	576.5	577.2	577.8	578.5	578.8	577.8
127.5°	616.4	617.3	618.2	619.0	619.9	620.8	621.7	622.6	623.5	623.9	622.7
130°	662.3	662.7	663.2	663.6	664.0	664.4	664.9	665.3	665.8	666.0	664.6
132.5°	704.7	705.8	706.9	708.0	709.1	708.9	708.7	708.4	708.2	708.1	707.0
135°	749.3	749.5	749.8	750.0	750.2	749.8	749.3	748.9	748.4	748.2	747.0
137.5°	790.5	790.7	790.9	791.1	791.3	790.9	790.5	790.0	789.6	789.4	788.4
140°	832.5	832.5	832.5	832.5	832.5	831.4	830.3	829.2	828.1	827.6	826.6
142.5°	870.6	870.4	870.1	869.9	869.7	869.0	868.4	867.7	867.0	866.7	865.7
145°	908.8	908.6	908.3	908.1	907.9	906.6	905.3	904.0	902.7	902.0	901.2
147.5°	942.9	942.5	942.0	941.6	941.2	940.3	939.5	938.6	937.7	937.3	936.3
150°	975.2	974.5	973.8	973.2	972.5	971.6	970.8	969.9	969.0	968.6	967.9
152.5°	1007.4	1006.5	1005.6	1004.8	1003.9	1002.8	1001.7	1000.6	999.5	999.0	998.3
155°	1033.7	1032.6	1031.5	1030.4	1029.3	1028.7	1028.0	1027.4	1026.7	1026.4	1026.1
157.5°	1059.9	1058.4	1056.9	1055.3	1053.8	1053.4	1052.9	1052.5	1052.0	1051.8	1051.6
160°	1081.5	1080.2	1078.9	1077.6	1076.3	1076.1	1075.9	1075.7	1075.5	1075.4	1075.2
162.5°	1102.0	1100.5	1099.0	1097.4	1095.9	1095.7	1095.5	1095.2	1095.0	1094.9	1094.9
165°	1118.6	1117.1	1115.6	1114.1	1112.6	1112.6	1112.6	1112.6	1112.6	1112.6	1112.7
167.5°	1133.3	1131.8	1130.3	1128.8	1127.3	1127.3	1127.3	1127.3	1127.3	1127.3	1127.6
170°	1145.1	1143.6	1142.1	1140.5	1139.0	1139.2	1139.4	1139.7	1139.9	1140.0	1140.3
172.5°	1153.9	1152.4	1150.9	1149.3	1147.8	1148.0	1148.2	1148.5	1148.7	1148.8	1149.1
175°	1159.8	1158.3	1156.8	1155.2	1153.7	1154.1	1154.6	1155.0	1155.5	1155.7	1156.0
177.5°	1162.8	1161.5	1160.2	1158.9	1157.6	1158.0	1158.5	1158.9	1159.4	1159.6	1159.9
180°	1160.6	1160.6	1160.6	1160.6	1160.6	1160.6	1160.6	1160.6	1160.6	1160.6	1160.6

TEST NUMBER: P1009921

CATALOG NUMBER: S122RDIP-B290D925UB27-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
0°	630.7	630.7	630.7	630.7
2.5°	619.3	618.0	625.9	634.7
5°	606.6	608.8	618.9	631.2
7.5°	593.5	598.3	610.1	626.4
10°	575.1	583.8	601.8	618.5
12.5°	557.1	568.9	586.0	605.8
15°	536.9	550.1	571.1	594.8
17.5°	514.6	529.5	554.0	579.9
20°	490.9	510.6	536.5	564.6
22.5°	464.6	488.3	515.0	546.1
25°	439.2	465.1	491.8	527.7
27.5°	414.2	439.6	469.4	505.8
30°	389.2	412.5	444.5	483.5
32.5°	362.5	386.6	420.3	460.2
35°	337.9	362.1	393.6	433.1
37.5°	311.6	337.5	367.8	408.5
40°	281.0	311.2	340.6	379.6
42.5°	255.5	287.5	316.0	352.8
45°	235.4	265.6	289.3	325.2
47.5°	216.5	241.1	265.2	298.5
50°	198.6	217.4	242.4	272.2
52.5°	180.1	196.4	217.8	245.9
55°	163.5	178.8	198.1	219.6
57.5°	148.2	159.1	178.4	197.7
60°	131.1	142.5	157.4	173.6
62.5°	116.6	125.4	139.4	153.0
65°	101.3	109.6	120.1	132.8
67.5°	87.2	94.7	103.0	113.1
70°	74.5	80.2	86.3	95.1
72.5°	60.9	67.1	72.8	79.8
75°	50.0	52.6	57.4	62.2
77.5°	38.6	42.1	44.7	48.7
80°	27.6	30.7	31.6	34.6
82.5°	18.4	20.2	21.9	22.8
85°	10.5	11.4	13.1	13.6
87.5°	3.9	4.4	5.3	6.1
90°	8.8	6.2	3.6	1.0
92.5°	26.8	25.0	23.3	21.5
95°	57.4	55.3	53.1	50.9
97.5°	91.1	89.1	87.2	85.2
100°	129.6	127.9	126.1	124.4
102.5°	169.4	168.1	166.8	165.5
105°	212.5	211.9	211.2	210.6
107.5°	258.2	257.3	256.5	255.6
110°	302.6	301.3	300.0	298.7

TEST NUMBER: P1009921

CATALOG NUMBER: S122RDIP-B290D925UB27-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
112.5°	349.6	348.3	347.0	345.7
115°	395.6	394.3	393.0	391.7
117.5°	443.0	441.3	439.5	437.8
120°	489.0	487.3	485.5	483.8
122.5°	532.4	530.3	528.1	525.9
125°	575.9	573.9	572.0	570.0
127.5°	620.3	617.9	615.5	613.1
130°	661.7	658.9	656.0	653.2
132.5°	704.8	702.7	700.5	698.3
135°	744.6	742.3	739.9	737.5
137.5°	786.5	784.5	782.6	780.6
140°	824.7	822.7	820.8	818.8
142.5°	863.8	861.8	859.9	857.9
145°	899.7	898.2	896.6	895.1
147.5°	934.3	932.4	930.4	928.4
150°	966.6	965.3	964.0	962.7
152.5°	997.0	995.7	994.4	993.1
155°	1025.4	1024.7	1024.1	1023.4
157.5°	1051.2	1050.7	1050.3	1049.9
160°	1074.7	1074.3	1073.8	1073.4
162.5°	1094.9	1094.9	1094.9	1094.9
165°	1112.9	1113.1	1113.3	1113.5
167.5°	1128.3	1128.9	1129.6	1130.2
170°	1141.0	1141.6	1142.3	1142.9
172.5°	1149.8	1150.4	1151.1	1151.7
175°	1156.7	1157.3	1158.0	1158.6
177.5°	1160.6	1161.2	1161.9	1162.5
180°	1160.6	1160.6	1160.6	1160.6

(END OF REPORT)