

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: P1009945

Luminaire Tested: S122RDIP-B290D925UB50-4F0-XX-W2A-A1

Issue Date: 5/6/2025

Test Information

Test Method: LM-79-2019
Report Number: P1009945
REPORT IS A COMBINATION OF REPORTS P988213 AND P1007351
Test Lab: INNOVATION CENTER
Issue Date: 5/6/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: NEO-RAY
Catalog Number: S122RDIP-B290D925UB50-4F0-XX-W2A-A1
Description: Define 2 Regressed Direct/Indirect Pendant with 5000K BioUP LEDs {m-DER=1.015}
{m-EER=1.115}
Light Source: -
Ballast/Driver: -

Summary

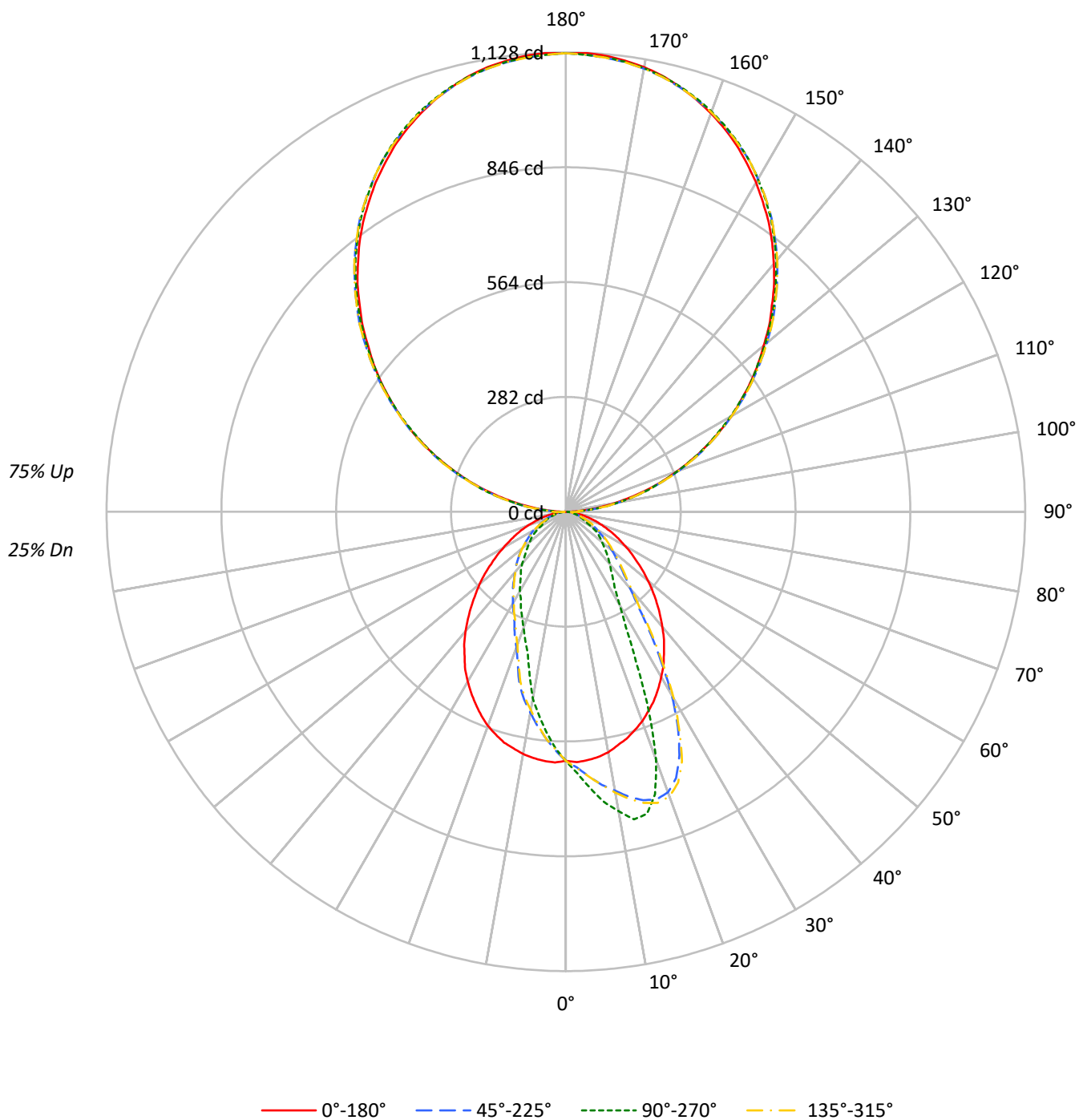
Lumens per Lamp: N/A
Luminaire Lumens: 4208.0 lumens
Efficiency: N/A
Efficacy: 101.4 lumens/watt
Spacing Criteria (0/90/45): 1.16 / 0.85 / 1.01
Luminous Opening: Rectangular w/ Sides (W: 0.17' x L: 4' x H: 0.1')
CIE Type: Semi-Indirect

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

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Luminous Intensity Polar Plot



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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20					20					20					20					20
RC	80					70					50					30					10
RW	70	50	30	10		70	50	30	10		50	30	10		50	30	10		50	30	10
RCR																					
0	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°	9681	9681	9681	9681
5°	9705	10284	9738	8215
10°	9597	10870	9666	6785
15°	9390	10874	9549	5096
20°	9140	8988	9338	4205
25°	8836	5615	9026	3577
30°	8447	3595	8677	3080
35°	7975	2763	8235	2635
40°	7450	2323	7768	2305
45°	6888	1978	7177	1935
50°	6313	1679	6607	1674
55°	5673	1459	5979	1441
60°	5107	1113	5377	1099
65°	4579	838	4849	951
70°	3993	669	4309	775
75°	3379	513	3686	586
80°	2683	349	2882	385
85°	1865	181	2048	190

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 165°

Vertical Angle: 45°

Luminance: 8856 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	58.0	1.4
10°-20°	161.9	3.8
20°-30°	208.4	5.0
30°-40°	197.7	4.7
40°-50°	169.5	4.0
50°-60°	129.0	3.1
60°-70°	81.4	1.9
70°-80°	40.6	1.0
80°-90°	13.7	0.3
90°-100°	69.7	1.7
100°-110°	221.4	5.3
110°-120°	378.9	9.0
120°-130°	498.3	11.8
130°-140°	559.3	13.3
140°-150°	548.5	13.0
150°-160°	460.1	10.9
160°-170°	305.1	7.3
170°-180°	106.6	2.5
0°-30°	428.4	10.2
0°-40°	626.1	14.9
0°-60°	924.6	22.0
0°-90°	1060.2	25.2
90°-120°	670.0	15.9
90°-150°	2276.0	54.1
90°-180°	3148.0	74.8
0°-180°	4208.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	612	612	612	612	612	
5°	612	680	614	544	612	58
15°	577	768	587	360	577	162
25°	512	410	523	261	512	235
35°	420	202	434	192	420	263
45°	315	140	329	137	315	243
55°	213	97	224	96	213	192
65°	129	51	136	57	129	128
75°	60	27	66	31	60	65
85°	13	8	14	8	13	15
90°	1	32	1	32	1	4
95°	49	59	49	59	49	55
105°	204	211	204	211	204	216
115°	380	380	380	380	380	376
125°	553	555	553	555	553	494
135°	715	724	715	724	715	553
145°	868	878	868	878	868	543
155°	993	1000	993	1000	993	457
165°	1080	1081	1080	1081	1080	305
175°	1124	1120	1124	1120	1124	107
180°	1126	1126	1126	1126	1126	

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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	611.6	611.6	611.6	611.6	611.6	611.6	611.6	611.6	611.6	611.6	611.6
2.5°	615.5	618.0	619.3	621.0	624.8	627.4	631.2	632.0	631.6	633.3	628.6
5°	612.1	617.6	622.7	626.9	633.7	638.0	642.7	648.2	649.5	655.9	652.0
7.5°	607.4	615.5	622.7	631.2	641.4	646.9	654.2	662.7	666.5	674.1	676.3
10°	599.7	611.2	623.5	632.5	646.5	656.3	663.1	676.7	685.6	697.1	695.4
12.5°	587.4	602.3	618.9	633.7	652.0	658.4	671.2	685.2	696.7	707.3	716.6
15°	576.8	593.8	612.1	630.3	651.2	663.1	675.8	694.1	706.4	725.1	733.2
17.5°	562.3	584.0	605.7	626.1	650.8	664.4	680.1	697.9	716.2	734.1	740.4
20°	547.5	570.8	594.2	621.8	649.9	663.1	679.2	701.3	719.2	733.2	733.2
22.5°	529.6	558.1	584.9	611.2	641.8	661.0	677.5	703.5	716.2	719.2	707.7
25°	511.8	540.2	569.6	602.3	637.1	654.2	672.9	697.1	701.3	689.4	659.7
27.5°	490.5	522.4	555.5	590.8	627.4	648.6	665.6	681.8	673.7	641.8	595.5
30°	468.8	503.3	540.7	574.2	618.4	638.0	652.5	657.1	631.6	579.8	519.8
32.5°	446.3	479.9	519.4	559.8	604.4	623.1	632.5	620.1	573.4	507.9	434.8
35°	419.9	457.8	499.0	541.1	585.3	599.3	604.8	574.7	514.7	430.1	357.5
37.5°	396.1	434.0	478.2	521.1	564.0	571.7	566.2	519.0	442.9	359.2	288.2
40°	368.1	408.5	451.8	499.9	535.1	537.3	523.7	462.5	368.1	289.5	245.7
42.5°	342.2	383.0	426.3	475.2	502.0	494.8	476.5	396.1	307.3	249.5	214.2
45°	315.4	354.1	400.8	444.2	463.3	446.3	418.7	333.2	258.0	214.6	187.4
47.5°	289.5	325.6	371.9	413.6	417.0	397.8	365.1	279.3	223.6	188.7	166.6
50°	264.0	300.1	343.4	377.9	374.5	348.1	311.1	242.7	194.2	166.6	148.3
52.5°	238.5	271.2	313.3	340.5	326.0	300.5	264.0	205.7	169.6	145.4	131.3
55°	212.9	243.6	279.7	302.2	279.3	249.9	224.0	176.4	147.1	127.5	116.9
57.5°	191.7	215.9	249.1	262.7	235.1	212.1	189.6	151.7	127.5	113.5	101.2
60°	168.3	190.4	217.6	225.7	197.2	178.5	159.4	128.4	109.2	96.9	88.8
62.5°	148.3	166.6	187.4	187.4	162.4	148.3	133.9	107.5	91.8	82.0	78.2
65°	128.8	142.0	156.8	155.1	133.9	121.6	110.1	88.8	76.9	70.1	66.3
67.5°	109.7	119.9	129.6	123.7	108.4	97.8	87.1	71.8	63.8	59.1	54.0
70°	92.2	100.3	105.4	99.9	84.6	75.7	68.0	57.8	51.4	45.5	42.5
72.5°	77.4	80.8	82.5	75.7	62.9	57.8	52.3	45.1	39.5	36.6	35.7
75°	60.4	63.3	62.1	57.0	46.3	42.5	38.3	33.2	31.9	30.2	29.3
77.5°	47.2	47.2	45.1	40.4	33.2	30.2	28.5	25.9	24.7	24.2	23.4
80°	33.6	33.2	31.9	26.8	22.5	20.8	20.8	19.1	18.7	17.9	17.9
82.5°	22.1	22.1	20.4	16.2	14.9	14.5	14.0	13.2	13.2	12.8	12.8
85°	13.2	12.3	10.2	8.9	8.5	8.5	8.1	7.7	8.1	7.7	7.7
87.5°	6.0	4.7	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4
90°	1.0	3.5	6.1	8.6	11.1	12.4	14.7	19.4	24.0	28.7	33.3
92.5°	20.9	22.6	24.3	26.0	27.7	28.5	28.6	28.8	29.1	29.3	29.5
95°	49.4	51.5	53.6	55.7	57.8	58.9	59.1	59.5	60.0	60.4	60.8
97.5°	82.7	84.6	86.5	88.4	90.3	91.2	91.6	92.5	93.3	94.2	95.0
100°	120.7	122.4	124.1	125.8	127.5	128.3	128.6	129.2	129.9	130.5	131.1
102.5°	160.6	161.9	163.1	164.4	165.7	166.3	166.7	167.6	168.4	169.3	170.1
105°	204.3	204.9	205.5	206.2	206.8	207.1	207.3	207.7	208.2	208.6	209.0
107.5°	248.0	248.8	249.7	250.5	251.4	251.8	251.8	251.8	251.8	251.8	251.8
110°	289.8	291.1	292.3	293.6	294.9	295.5	295.5	295.5	295.5	295.5	295.5

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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	335.4	336.7	337.9	339.2	340.5	341.1	341.0	340.8	340.5	340.3	340.1
115°	380.0	381.3	382.6	383.9	385.2	385.8	385.6	385.2	384.7	384.3	383.9
117.5°	424.7	426.4	428.1	429.8	431.5	432.3	431.8	430.7	429.7	428.6	427.6
120°	469.4	471.1	472.8	474.5	476.2	477.0	476.2	474.5	472.8	471.1	469.4
122.5°	510.2	512.3	514.4	516.5	518.6	519.7	519.2	518.1	517.1	516.0	515.0
125°	553.0	554.9	556.8	558.7	560.6	561.5	561.2	560.6	559.9	559.3	558.7
127.5°	594.8	597.1	599.4	601.7	604.0	605.2	604.8	603.9	603.1	602.2	601.4
130°	633.7	636.5	639.2	642.0	644.7	646.1	645.9	645.5	645.0	644.6	644.2
132.5°	677.4	679.5	681.6	683.7	685.8	686.9	687.0	687.2	687.5	687.7	687.9
135°	715.4	717.7	720.1	722.4	724.7	725.9	726.1	726.5	727.0	727.4	727.8
137.5°	757.2	759.1	761.0	762.9	764.8	765.8	766.0	766.4	766.9	767.3	767.7
140°	794.3	796.2	798.1	800.0	801.9	802.9	803.4	804.5	805.5	806.6	807.6
142.5°	832.3	834.2	836.1	838.0	839.9	840.9	841.2	841.8	842.5	843.1	843.7
145°	868.4	869.9	871.4	872.9	874.4	875.1	875.7	877.0	878.3	879.5	880.8
147.5°	900.7	902.6	904.5	906.4	908.3	909.3	909.7	910.6	911.4	912.3	913.1
150°	934.0	935.3	936.5	937.8	939.1	939.7	940.1	941.0	941.8	942.7	943.5
152.5°	963.4	964.7	965.9	967.2	968.5	969.1	969.6	970.7	971.8	972.8	973.9
155°	992.9	993.5	994.1	994.8	995.4	995.7	996.0	996.7	997.3	998.0	998.6
157.5°	1018.5	1018.9	1019.3	1019.8	1020.2	1020.4	1020.6	1021.0	1021.5	1021.9	1022.3
160°	1041.3	1041.7	1042.1	1042.6	1043.0	1043.2	1043.3	1043.5	1043.8	1044.0	1044.2
162.5°	1062.2	1062.2	1062.2	1062.2	1062.2	1062.2	1062.3	1062.5	1062.8	1063.0	1063.2
165°	1080.3	1080.1	1079.9	1079.6	1079.4	1079.3	1079.3	1079.3	1079.3	1079.3	1079.3
167.5°	1096.4	1095.8	1095.2	1094.5	1093.9	1093.6	1093.6	1093.6	1093.6	1093.6	1093.6
170°	1108.8	1108.2	1107.5	1106.9	1106.2	1105.9	1105.8	1105.6	1105.4	1105.2	1105.0
172.5°	1117.3	1116.7	1116.1	1115.4	1114.8	1114.5	1114.4	1114.2	1113.9	1113.7	1113.5
175°	1124.0	1123.4	1122.7	1122.1	1121.4	1121.1	1120.9	1120.5	1120.0	1119.6	1119.2
177.5°	1127.8	1127.2	1126.5	1125.9	1125.2	1124.9	1124.7	1124.3	1123.8	1123.4	1123.0
180°	1125.9	1125.9	1125.9	1125.9	1125.9	1125.9	1125.9	1125.9	1125.9	1125.9	1125.9

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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	611.6	611.6	611.6	611.6	611.6	611.6	611.6	611.6	611.6	611.6	611.6
2.5°	633.3	634.2	635.4	641.4	642.2	643.9	643.1	643.1	643.5	642.7	643.1
5°	660.5	661.8	668.2	675.4	677.1	675.4	677.5	680.5	680.5	680.5	679.7
7.5°	686.0	690.7	697.9	708.6	710.7	712.8	716.6	714.1	714.9	718.8	717.5
10°	710.7	717.5	725.6	734.5	739.2	742.1	743.8	747.7	756.6	746.4	750.2
12.5°	734.1	743.8	752.3	762.1	765.5	769.3	770.6	774.0	774.0	773.6	776.6
15°	749.4	758.3	765.9	772.3	773.2	772.3	771.5	771.9	773.2	768.1	771.0
17.5°	752.8	753.6	756.2	753.6	754.0	745.1	740.0	738.7	726.8	727.3	737.0
20°	736.2	721.7	717.9	703.9	695.4	672.4	671.6	665.2	640.1	647.8	646.1
22.5°	690.7	666.1	633.3	617.2	609.1	584.9	566.2	553.0	544.1	535.1	531.3
25°	630.8	590.8	544.5	512.6	507.9	485.4	451.0	434.8	415.7	409.7	419.9
27.5°	553.4	501.6	449.3	400.4	391.5	371.1	353.6	342.2	320.1	318.8	319.6
30°	448.4	396.1	352.4	320.5	298.4	289.0	277.6	269.1	260.1	263.5	264.4
32.5°	368.5	318.8	278.0	261.0	250.8	244.8	235.1	229.5	225.7	224.4	224.0
35°	292.9	259.7	241.4	224.9	218.9	214.6	207.4	204.9	201.5	201.9	201.9
37.5°	250.8	223.2	209.5	201.0	195.5	193.4	188.7	186.2	184.0	183.2	184.5
40°	216.4	197.2	188.7	181.1	176.4	175.5	173.0	170.0	167.5	167.9	169.2
42.5°	191.3	180.2	170.0	164.1	160.7	159.4	157.3	155.1	155.1	153.9	153.4
45°	171.3	162.4	153.9	148.3	146.2	144.5	142.0	141.5	139.8	140.3	140.7
47.5°	153.4	146.2	139.8	134.3	132.2	131.8	129.2	127.5	127.5	127.1	126.7
50°	137.3	130.1	124.5	121.6	118.6	117.7	117.3	116.9	116.0	116.0	116.5
52.5°	124.1	116.9	112.6	110.1	108.4	107.5	107.5	107.1	107.1	107.1	106.7
55°	109.7	103.7	100.3	99.5	98.6	98.2	97.8	96.9	96.5	97.3	96.5
57.5°	96.1	93.9	91.0	90.1	88.0	88.0	86.7	85.9	85.0	85.9	85.9
60°	85.4	82.5	80.8	78.2	76.5	74.8	72.7	72.3	71.4	71.0	70.6
62.5°	74.4	71.8	67.6	63.8	61.2	59.5	58.7	58.2	58.2	57.8	57.8
65°	62.1	56.1	54.0	52.7	52.3	51.9	51.0	50.6	51.0	50.6	51.0
67.5°	48.5	47.6	46.3	45.5	45.1	44.6	44.6	44.2	44.2	44.2	44.2
70°	42.1	40.0	39.5	38.7	38.7	38.3	38.3	38.3	38.3	37.8	38.7
72.5°	34.9	33.6	33.2	32.7	32.7	32.7	32.3	32.3	32.3	31.9	32.3
75°	28.5	28.1	27.2	27.2	26.8	27.2	26.8	26.8	26.4	26.8	26.8
77.5°	23.0	22.5	22.1	22.1	21.7	21.7	21.7	21.7	21.7	21.7	22.1
80°	17.4	17.0	16.6	17.0	16.6	17.0	16.6	16.6	17.0	16.6	16.6
82.5°	12.8	12.3	12.3	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9
85°	7.7	7.2	7.2	7.7	7.2	7.7	7.2	7.2	7.2	7.7	7.7
87.5°	3.4	3.8	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.8
90°	32.9	32.5	32.0	31.6	31.4	31.5	31.7	31.9	32.1	32.3	32.1
92.5°	29.7	29.9	30.1	30.3	30.4	30.4	30.4	30.4	30.4	30.4	30.4
95°	60.8	60.8	60.8	60.8	60.8	60.6	60.2	59.7	59.3	58.9	59.3
97.5°	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
100°	131.1	131.1	131.1	131.1	131.1	131.0	130.8	130.6	130.4	130.2	130.4
102.5°	170.3	170.5	170.7	170.9	171.0	170.9	170.7	170.5	170.3	170.1	170.3
105°	209.4	209.8	210.3	210.7	210.9	210.9	210.9	210.9	210.9	210.9	210.9
107.5°	252.0	252.2	252.4	252.6	252.7	252.2	251.1	250.1	249.0	248.0	249.0
110°	295.5	295.5	295.5	295.5	295.5	295.2	294.5	293.9	293.2	292.6	293.2

TEST NUMBER: P1009945

CATALOG NUMBER: S122RDIP-B290D925UB50-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	339.5	338.9	338.2	337.6	337.3	337.1	336.7	336.2	335.8	335.4	335.8
115°	383.7	383.5	383.2	383.0	382.9	382.6	381.9	381.3	380.6	380.0	380.6
117.5°	427.0	426.3	425.7	425.0	424.7	424.4	423.8	423.1	422.5	421.9	422.5
120°	469.4	469.4	469.4	469.4	469.4	469.1	468.4	467.8	467.1	466.5	467.1
122.5°	514.4	513.7	513.1	512.4	512.1	511.9	511.5	511.0	510.6	510.2	510.6
125°	558.1	557.4	556.8	556.1	555.8	555.7	555.5	555.3	555.1	554.9	555.1
127.5°	600.6	599.7	598.9	598.0	597.6	597.3	596.7	596.0	595.4	594.8	595.4
130°	643.8	643.4	642.9	642.5	642.3	641.9	641.0	640.2	639.3	638.5	639.3
132.5°	686.8	685.8	684.7	683.6	683.1	682.8	682.2	681.5	680.9	680.3	680.9
135°	727.6	727.4	727.1	726.9	726.8	726.5	725.9	725.2	724.6	724.0	724.6
137.5°	767.5	767.3	767.1	766.9	766.8	766.4	765.5	764.6	763.8	762.9	763.8
140°	807.6	807.6	807.6	807.6	807.6	807.2	806.3	805.5	804.6	803.8	804.6
142.5°	843.9	844.1	844.4	844.6	844.7	844.3	843.4	842.6	841.7	840.9	841.7
145°	881.0	881.2	881.4	881.6	881.7	881.3	880.4	879.6	878.7	877.9	878.7
147.5°	913.5	913.9	914.4	914.8	915.0	914.6	913.7	912.9	912.0	911.2	912.0
150°	944.1	944.7	945.4	946.0	946.3	946.0	945.4	944.7	944.1	943.5	944.1
152.5°	974.7	975.6	976.4	977.3	977.7	977.3	976.4	975.6	974.7	973.9	974.7
155°	999.6	1000.7	1001.7	1002.8	1003.3	1003.0	1002.4	1001.7	1001.1	1000.5	1001.1
157.5°	1023.8	1025.3	1026.8	1028.3	1029.0	1028.5	1027.4	1026.3	1025.3	1024.2	1025.3
160°	1045.5	1046.7	1048.0	1049.3	1049.9	1049.5	1048.6	1047.8	1046.9	1046.1	1046.9
162.5°	1064.7	1066.1	1067.6	1069.1	1069.8	1069.3	1068.2	1067.2	1066.1	1065.1	1066.1
165°	1080.8	1082.3	1083.8	1085.3	1086.0	1085.5	1084.4	1083.3	1082.3	1081.2	1082.3
167.5°	1095.1	1096.5	1098.0	1099.5	1100.2	1099.7	1098.6	1097.6	1096.5	1095.5	1096.5
170°	1106.5	1107.9	1109.4	1110.9	1111.6	1111.0	1109.7	1108.4	1107.2	1105.9	1107.2
172.5°	1115.0	1116.5	1118.0	1119.5	1120.2	1119.6	1118.3	1117.0	1115.8	1114.5	1115.8
175°	1120.7	1122.2	1123.7	1125.2	1125.9	1125.3	1124.0	1122.7	1121.5	1120.2	1121.5
177.5°	1124.3	1125.5	1126.8	1128.1	1128.7	1128.1	1126.8	1125.5	1124.3	1123.0	1124.3
180°	1125.9	1125.9	1125.9	1125.9	1125.9	1125.9	1125.9	1125.9	1125.9	1125.9	1125.9

TEST NUMBER: P1009945

CATALOG NUMBER: S122RDIP-B290D925UB50-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	611.6	611.6	611.6	611.6	611.6	611.6	611.6	611.6	611.6	611.6	611.6
2.5°	644.8	641.8	641.0	641.8	641.0	641.4	638.4	627.4	630.3	625.7	628.2
5°	681.4	678.8	673.3	672.4	671.6	670.7	666.5	656.7	652.9	646.5	646.1
7.5°	716.2	716.2	712.0	709.0	705.2	702.2	696.7	682.2	676.3	668.6	664.4
10°	750.6	739.6	744.3	741.3	731.9	730.2	720.0	711.5	700.1	692.4	685.6
12.5°	775.3	771.9	767.6	765.1	762.5	757.0	750.2	728.5	722.6	707.3	699.6
15°	774.4	772.3	773.6	773.6	772.7	771.5	765.9	750.2	740.0	725.1	712.0
17.5°	732.8	738.3	743.8	747.7	756.2	760.0	765.1	755.7	749.4	736.6	722.6
20°	660.1	673.7	689.9	693.3	700.9	723.4	733.6	741.7	744.3	740.0	728.5
22.5°	558.9	570.4	609.5	608.7	619.7	646.5	676.3	700.5	719.6	730.2	726.0
25°	437.8	454.0	474.8	490.5	526.6	566.6	603.6	642.2	675.4	704.7	712.0
27.5°	331.1	352.4	368.9	389.8	408.0	455.2	502.8	563.2	601.9	657.6	686.5
30°	267.8	277.6	294.1	303.9	312.8	349.0	402.9	462.5	530.5	594.6	644.4
32.5°	228.7	235.5	247.8	252.1	261.4	285.6	319.6	374.0	444.2	522.0	587.4
35°	205.3	212.5	215.1	218.9	226.6	241.9	265.2	304.8	368.1	444.2	522.4
37.5°	185.3	189.1	196.4	198.9	201.5	212.9	228.7	256.3	298.4	360.9	447.6
40°	171.3	173.4	177.2	179.4	181.1	189.1	203.2	221.9	252.9	300.5	380.4
42.5°	156.4	159.0	161.5	164.1	166.2	172.6	181.1	198.9	219.8	255.9	313.7
45°	142.0	143.7	146.6	148.3	151.3	156.4	164.1	176.4	195.1	218.1	264.8
47.5°	128.8	130.9	132.2	134.3	136.4	142.0	149.2	157.3	172.6	195.1	229.1
50°	116.9	119.4	121.1	121.6	123.3	128.4	134.3	143.2	153.0	170.4	200.2
52.5°	108.4	108.8	110.1	111.8	111.4	114.3	119.9	126.7	136.9	150.9	172.6
55°	98.6	99.9	100.7	101.2	101.2	103.7	106.7	113.1	121.1	132.6	150.9
57.5°	86.3	87.6	90.1	91.0	92.2	93.5	94.8	99.0	105.8	116.9	131.8
60°	73.5	74.4	76.9	78.6	79.5	82.9	84.6	88.0	91.8	99.9	113.9
62.5°	59.1	59.9	61.2	62.9	64.6	69.7	74.0	77.4	80.3	85.9	97.3
65°	51.4	51.9	52.7	53.1	53.6	55.7	59.5	64.2	69.7	74.0	80.8
67.5°	44.6	45.1	45.5	46.3	46.8	47.2	48.9	50.2	55.7	61.6	66.7
70°	38.3	39.1	39.5	39.5	40.0	40.8	41.7	43.4	45.1	48.0	54.4
72.5°	32.3	32.7	33.6	33.6	33.6	34.4	35.3	36.1	37.0	38.7	41.2
75°	26.8	27.6	27.6	27.6	28.1	28.1	28.9	29.8	30.6	31.9	32.7
77.5°	22.1	22.1	22.1	22.1	22.5	22.5	23.0	23.8	24.2	24.7	25.5
80°	16.6	17.0	17.0	17.0	17.4	17.4	17.4	18.3	18.7	18.7	19.6
82.5°	12.3	12.3	12.3	12.8	12.3	12.8	12.8	13.2	12.8	13.2	13.6
85°	7.7	7.7	7.7	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.5
87.5°	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	4.3	3.8	3.8
90°	31.9	31.7	31.5	31.4	31.6	32.0	32.5	32.9	33.3	28.7	24.0
92.5°	30.4	30.4	30.4	30.4	30.3	30.1	29.9	29.7	29.5	29.3	29.1
95°	59.7	60.2	60.6	60.8	60.8	60.8	60.8	60.8	60.8	60.4	60.0
97.5°	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	94.2	93.3
100°	130.6	130.8	131.0	131.1	131.1	131.1	131.1	131.1	131.1	130.5	129.9
102.5°	170.5	170.7	170.9	171.0	170.9	170.7	170.5	170.3	170.1	169.3	168.4
105°	210.9	210.9	210.9	210.9	210.7	210.3	209.8	209.4	209.0	208.6	208.2
107.5°	250.1	251.1	252.2	252.7	252.6	252.4	252.2	252.0	251.8	251.8	251.8
110°	293.9	294.5	295.2	295.5	295.5	295.5	295.5	295.5	295.5	295.5	295.5

TEST NUMBER: P1009945

CATALOG NUMBER: S122RDIP-B290D925UB50-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	336.2	336.7	337.1	337.3	337.6	338.2	338.9	339.5	340.1	340.3	340.5
115°	381.3	381.9	382.6	382.9	383.0	383.2	383.5	383.7	383.9	384.3	384.7
117.5°	423.1	423.8	424.4	424.7	425.0	425.7	426.3	427.0	427.6	428.6	429.7
120°	467.8	468.4	469.1	469.4	469.4	469.4	469.4	469.4	469.4	471.1	472.8
122.5°	511.0	511.5	511.9	512.1	512.4	513.1	513.7	514.4	515.0	516.0	517.1
125°	555.3	555.5	555.7	555.8	556.1	556.8	557.4	558.1	558.7	559.3	559.9
127.5°	596.0	596.7	597.3	597.6	598.0	598.9	599.7	600.6	601.4	602.2	603.1
130°	640.2	641.0	641.9	642.3	642.5	642.9	643.4	643.8	644.2	644.6	645.0
132.5°	681.5	682.2	682.8	683.1	683.6	684.7	685.8	686.8	687.9	687.7	687.5
135°	725.2	725.9	726.5	726.8	726.9	727.1	727.4	727.6	727.8	727.4	727.0
137.5°	764.6	765.5	766.4	766.8	766.9	767.1	767.3	767.5	767.7	767.3	766.9
140°	805.5	806.3	807.2	807.6	807.6	807.6	807.6	807.6	807.6	806.6	805.5
142.5°	842.6	843.4	844.3	844.7	844.6	844.4	844.1	843.9	843.7	843.1	842.5
145°	879.6	880.4	881.3	881.7	881.6	881.4	881.2	881.0	880.8	879.5	878.3
147.5°	912.9	913.7	914.6	915.0	914.8	914.4	913.9	913.5	913.1	912.3	911.4
150°	944.7	945.4	946.0	946.3	946.0	945.4	944.7	944.1	943.5	942.7	941.8
152.5°	975.6	976.4	977.3	977.7	977.3	976.4	975.6	974.7	973.9	972.8	971.8
155°	1001.7	1002.4	1003.0	1003.3	1002.8	1001.7	1000.7	999.6	998.6	998.0	997.3
157.5°	1026.3	1027.4	1028.5	1029.0	1028.3	1026.8	1025.3	1023.8	1022.3	1021.9	1021.5
160°	1047.8	1048.6	1049.5	1049.9	1049.3	1048.0	1046.7	1045.5	1044.2	1044.0	1043.8
162.5°	1067.2	1068.2	1069.3	1069.8	1069.1	1067.6	1066.1	1064.7	1063.2	1063.0	1062.8
165°	1083.3	1084.4	1085.5	1086.0	1085.3	1083.8	1082.3	1080.8	1079.3	1079.3	1079.3
167.5°	1097.6	1098.6	1099.7	1100.2	1099.5	1098.0	1096.5	1095.1	1093.6	1093.6	1093.6
170°	1108.4	1109.7	1111.0	1111.6	1110.9	1109.4	1107.9	1106.5	1105.0	1105.2	1105.4
172.5°	1117.0	1118.3	1119.6	1120.2	1119.5	1118.0	1116.5	1115.0	1113.5	1113.7	1113.9
175°	1122.7	1124.0	1125.3	1125.9	1125.2	1123.7	1122.2	1120.7	1119.2	1119.6	1120.0
177.5°	1125.5	1126.8	1128.1	1128.7	1128.1	1126.8	1125.5	1124.3	1123.0	1123.4	1123.8
180°	1125.9	1125.9	1125.9	1125.9	1125.9	1125.9	1125.9	1125.9	1125.9	1125.9	1125.9

TEST NUMBER: P1009945

CATALOG NUMBER: S122RDIP-B290D925UB50-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
0°	611.6	611.6	611.6	611.6	611.6	611.6	611.6	611.6	611.6	611.6	611.6
2.5°	624.4	622.3	622.3	621.0	621.0	614.2	614.2	616.3	613.8	610.8	606.5
5°	640.5	635.9	634.6	632.9	627.4	618.9	615.5	614.2	609.1	602.7	595.5
7.5°	655.9	648.2	644.4	640.5	633.3	621.4	614.6	609.9	602.3	592.5	583.2
10°	670.7	661.0	651.2	646.5	636.3	621.4	611.6	604.0	592.9	579.8	566.6
12.5°	684.3	663.9	662.2	652.9	638.0	621.0	606.1	595.1	581.0	565.7	550.4
15°	696.2	675.4	665.2	656.7	637.1	615.9	600.2	586.6	567.9	550.4	531.7
17.5°	702.2	679.7	672.9	658.8	638.8	611.2	590.0	573.4	553.0	532.2	510.9
20°	708.1	681.8	670.7	661.0	633.7	602.3	578.5	559.4	536.8	512.2	488.8
22.5°	711.1	681.8	668.6	655.0	628.6	592.5	564.5	541.9	515.6	490.5	462.5
25°	706.0	679.2	663.5	649.5	619.7	580.6	548.3	522.8	494.8	466.3	437.8
27.5°	693.3	673.3	655.0	640.5	607.4	565.3	531.3	502.4	473.5	441.6	412.7
30°	669.5	660.5	646.1	629.9	593.8	551.7	511.3	481.6	449.7	417.8	387.6
32.5°	632.5	640.1	630.8	616.7	577.6	533.0	490.1	459.9	425.0	390.6	363.0
35°	587.4	614.6	609.5	599.7	560.6	513.0	470.1	433.6	398.7	363.8	336.2
37.5°	538.1	579.3	583.6	577.6	541.1	492.6	445.5	409.7	374.0	338.8	310.7
40°	470.5	533.9	547.5	550.0	520.7	468.0	418.7	383.8	348.5	314.1	280.1
42.5°	408.5	488.4	505.4	516.0	494.8	443.8	394.0	355.3	320.5	289.5	255.5
45°	350.2	433.6	461.2	474.8	465.4	416.1	364.7	328.6	296.7	268.2	235.5
47.5°	290.3	374.0	412.7	434.4	434.4	388.1	336.6	300.9	270.3	246.1	217.2
50°	250.4	320.1	360.0	388.5	396.1	359.6	311.1	276.3	247.4	221.0	198.9
52.5°	213.4	275.9	309.0	338.8	360.9	329.0	282.7	251.2	222.7	198.1	180.6
55°	184.5	231.2	261.4	294.1	318.8	298.0	255.0	224.4	199.8	179.4	164.5
57.5°	156.8	197.6	222.3	251.2	277.6	261.8	227.4	201.0	179.4	161.5	148.3
60°	133.5	166.6	185.7	208.3	241.0	230.0	201.5	177.2	159.8	143.7	132.6
62.5°	113.5	139.8	156.0	172.1	201.9	196.8	174.7	156.0	141.1	127.5	118.2
65°	93.1	114.8	127.5	141.5	165.3	167.5	149.6	136.4	122.8	110.9	102.4
67.5°	75.2	92.2	103.7	115.6	134.7	140.7	128.4	117.3	105.8	96.1	88.4
70°	60.8	72.7	81.2	90.5	106.3	113.5	107.1	99.5	90.1	82.0	75.2
72.5°	48.0	55.7	60.8	68.0	80.8	88.0	87.6	80.8	74.0	68.4	62.9
75°	35.3	41.2	45.5	50.2	60.4	67.2	68.9	65.9	59.1	54.8	50.6
77.5°	26.8	30.2	32.3	35.7	42.9	48.9	51.4	50.6	45.9	42.5	39.5
80°	20.4	21.3	22.1	23.4	29.3	34.9	36.6	36.1	33.6	32.3	28.9
82.5°	14.5	14.9	15.3	15.7	17.9	22.5	24.2	25.1	23.0	21.7	18.7
85°	8.5	8.9	8.9	9.8	10.2	11.5	14.5	14.5	14.0	12.3	11.9
87.5°	4.3	4.3	3.8	3.8	4.3	4.7	5.5	6.4	5.5	5.1	4.7
90°	19.4	14.7	12.4	11.1	8.6	6.1	3.5	1.0	3.5	6.1	8.6
92.5°	28.8	28.6	28.5	27.7	26.0	24.3	22.6	20.9	22.6	24.3	26.0
95°	59.5	59.1	58.9	57.8	55.7	53.6	51.5	49.4	51.5	53.6	55.7
97.5°	92.5	91.6	91.2	90.3	88.4	86.5	84.6	82.7	84.6	86.5	88.4
100°	129.2	128.6	128.3	127.5	125.8	124.1	122.4	120.7	122.4	124.1	125.8
102.5°	167.6	166.7	166.3	165.7	164.4	163.1	161.9	160.6	161.9	163.1	164.4
105°	207.7	207.3	207.1	206.8	206.2	205.5	204.9	204.3	204.9	205.5	206.2
107.5°	251.8	251.8	251.8	251.4	250.5	249.7	248.8	248.0	248.8	249.7	250.5
110°	295.5	295.5	295.5	294.9	293.6	292.3	291.1	289.8	291.1	292.3	293.6

TEST NUMBER: P1009945

CATALOG NUMBER: S122RDIP-B290D925UB50-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
112.5°	340.8	341.0	341.1	340.5	339.2	337.9	336.7	335.4	336.7	337.9	339.2
115°	385.2	385.6	385.8	385.2	383.9	382.6	381.3	380.0	381.3	382.6	383.9
117.5°	430.7	431.8	432.3	431.5	429.8	428.1	426.4	424.7	426.4	428.1	429.8
120°	474.5	476.2	477.0	476.2	474.5	472.8	471.1	469.4	471.1	472.8	474.5
122.5°	518.1	519.2	519.7	518.6	516.5	514.4	512.3	510.2	512.3	514.4	516.5
125°	560.6	561.2	561.5	560.6	558.7	556.8	554.9	553.0	554.9	556.8	558.7
127.5°	603.9	604.8	605.2	604.0	601.7	599.4	597.1	594.8	597.1	599.4	601.7
130°	645.5	645.9	646.1	644.7	642.0	639.2	636.5	633.7	636.5	639.2	642.0
132.5°	687.2	687.0	686.9	685.8	683.7	681.6	679.5	677.4	679.5	681.6	683.7
135°	726.5	726.1	725.9	724.7	722.4	720.1	717.7	715.4	717.7	720.1	722.4
137.5°	766.4	766.0	765.8	764.8	762.9	761.0	759.1	757.2	759.1	761.0	762.9
140°	804.5	803.4	802.9	801.9	800.0	798.1	796.2	794.3	796.2	798.1	800.0
142.5°	841.8	841.2	840.9	839.9	838.0	836.1	834.2	832.3	834.2	836.1	838.0
145°	877.0	875.7	875.1	874.4	872.9	871.4	869.9	868.4	869.9	871.4	872.9
147.5°	910.6	909.7	909.3	908.3	906.4	904.5	902.6	900.7	902.6	904.5	906.4
150°	941.0	940.1	939.7	939.1	937.8	936.5	935.3	934.0	935.3	936.5	937.8
152.5°	970.7	969.6	969.1	968.5	967.2	965.9	964.7	963.4	964.7	965.9	967.2
155°	996.7	996.0	995.7	995.4	994.8	994.1	993.5	992.9	993.5	994.1	994.8
157.5°	1021.0	1020.6	1020.4	1020.2	1019.8	1019.3	1018.9	1018.5	1018.9	1019.3	1019.8
160°	1043.5	1043.3	1043.2	1043.0	1042.6	1042.1	1041.7	1041.3	1041.7	1042.1	1042.6
162.5°	1062.5	1062.3	1062.2	1062.2	1062.2	1062.2	1062.2	1062.2	1062.2	1062.2	1062.2
165°	1079.3	1079.3	1079.3	1079.4	1079.6	1079.9	1080.1	1080.3	1080.1	1079.9	1079.6
167.5°	1093.6	1093.6	1093.6	1093.9	1094.5	1095.2	1095.8	1096.4	1095.8	1095.2	1094.5
170°	1105.6	1105.8	1105.9	1106.2	1106.9	1107.5	1108.2	1108.8	1108.2	1107.5	1106.9
172.5°	1114.2	1114.4	1114.5	1114.8	1115.4	1116.1	1116.7	1117.3	1116.7	1116.1	1115.4
175°	1120.5	1120.9	1121.1	1121.4	1122.1	1122.7	1123.4	1124.0	1123.4	1122.7	1122.1
177.5°	1124.3	1124.7	1124.9	1125.2	1125.9	1126.5	1127.2	1127.8	1127.2	1126.5	1125.9
180°	1125.9	1125.9	1125.9	1125.9	1125.9	1125.9	1125.9	1125.9	1125.9	1125.9	1125.9

TEST NUMBER: P1009945

CATALOG NUMBER: S122RDIP-B290D925UB50-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
0°	611.6	611.6	611.6	611.6	611.6	611.6	611.6	611.6	611.6	611.6	611.6
2.5°	604.8	605.3	606.5	602.7	596.8	594.2	586.6	585.3	584.0	584.0	585.3
5°	591.2	589.5	590.0	582.7	574.2	569.1	558.5	560.2	554.7	551.3	552.1
7.5°	576.4	571.7	571.3	561.9	551.3	541.9	530.9	528.3	523.2	517.3	514.7
10°	557.7	554.3	547.9	537.3	523.7	516.0	501.1	492.2	490.9	482.0	478.6
12.5°	538.5	532.6	526.2	511.3	496.0	483.7	472.7	462.9	456.1	448.4	443.3
15°	516.4	509.2	502.0	486.3	468.4	456.1	439.5	425.0	405.1	389.3	380.4
17.5°	492.2	484.1	474.4	456.9	439.5	422.5	391.9	374.9	360.9	351.5	346.0
20°	467.1	458.2	448.4	431.0	400.8	371.1	354.1	340.9	332.4	323.0	316.2
22.5°	440.8	431.4	420.8	393.6	361.7	340.9	327.7	315.4	303.1	298.0	294.6
25°	416.1	407.6	394.0	357.0	332.0	312.8	298.0	289.9	283.5	276.7	270.3
27.5°	390.6	374.9	355.8	324.7	309.0	289.5	278.8	272.9	261.8	257.2	254.2
30°	360.0	342.6	324.3	302.2	283.9	270.3	260.6	250.8	244.4	239.7	234.6
32.5°	329.0	312.4	300.9	278.0	264.4	250.4	241.0	235.1	225.7	222.7	220.6
35°	302.2	288.2	278.0	259.3	246.5	233.8	227.0	218.1	212.1	206.6	203.2
37.5°	275.9	268.2	257.6	241.9	228.3	218.1	208.7	205.7	197.6	194.7	191.3
40°	257.6	246.1	237.2	223.6	212.1	201.0	195.1	188.3	182.8	178.1	176.8
42.5°	235.5	227.0	221.9	207.0	195.1	188.7	181.5	173.8	169.6	165.8	161.1
45°	218.9	211.2	204.0	192.1	181.5	173.4	167.0	161.9	154.7	153.0	145.8
47.5°	201.5	193.8	188.3	176.4	166.6	159.0	154.3	147.5	141.5	137.7	134.3
50°	184.0	177.7	172.6	162.4	153.9	145.8	139.4	132.6	130.1	123.7	121.6
52.5°	167.5	163.2	157.7	147.9	139.4	132.6	125.8	120.3	116.5	113.1	110.5
55°	153.4	146.6	144.1	133.5	126.2	119.0	113.1	109.7	105.0	102.9	100.7
57.5°	137.7	133.9	129.6	121.6	113.5	106.7	102.4	97.3	94.8	92.2	90.5
60°	124.1	118.6	115.2	108.4	101.2	94.8	91.0	87.1	83.7	81.6	78.2
62.5°	108.4	104.1	102.0	94.8	88.8	82.9	79.5	75.7	73.1	69.3	65.0
65°	94.8	91.4	88.8	82.9	77.4	71.8	68.4	63.8	60.4	58.2	57.8
67.5°	82.9	80.3	76.5	71.0	65.5	61.2	57.4	53.6	53.1	52.3	52.3
70°	69.7	67.2	65.0	59.1	54.4	49.7	48.9	47.6	46.3	45.9	45.1
72.5°	58.2	56.1	53.6	48.5	43.8	42.5	41.7	40.8	39.5	39.1	38.7
75°	47.2	44.2	42.5	37.8	36.6	35.7	34.9	33.6	32.7	32.3	31.5
77.5°	36.1	33.2	33.2	30.6	29.8	28.5	27.6	26.8	26.4	25.5	25.5
80°	25.5	25.5	24.7	23.4	22.1	21.7	20.4	20.0	19.6	20.0	19.1
82.5°	18.7	17.0	17.0	16.2	15.3	14.9	14.0	14.0	13.6	13.6	13.6
85°	10.6	10.6	10.2	9.4	8.9	8.9	8.5	8.5	8.1	8.1	7.7
87.5°	4.3	3.8	4.3	3.8	3.8	3.4	3.4	3.4	3.0	3.4	3.0
90°	11.1	12.4	14.7	19.4	24.0	28.7	33.3	32.9	32.5	32.0	31.6
92.5°	27.7	28.5	28.6	28.8	29.1	29.3	29.5	29.7	29.9	30.1	30.3
95°	57.8	58.9	59.1	59.5	60.0	60.4	60.8	60.8	60.8	60.8	60.8
97.5°	90.3	91.2	91.6	92.5	93.3	94.2	95.0	95.0	95.0	95.0	95.0
100°	127.5	128.3	128.6	129.2	129.9	130.5	131.1	131.1	131.1	131.1	131.1
102.5°	165.7	166.3	166.7	167.6	168.4	169.3	170.1	170.3	170.5	170.7	170.9
105°	206.8	207.1	207.3	207.7	208.2	208.6	209.0	209.4	209.8	210.3	210.7
107.5°	251.4	251.8	251.8	251.8	251.8	251.8	251.8	252.0	252.2	252.4	252.6
110°	294.9	295.5	295.5	295.5	295.5	295.5	295.5	295.5	295.5	295.5	295.5

TEST NUMBER: P1009945

CATALOG NUMBER: S122RDIP-B290D925UB50-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
112.5°	340.5	341.1	341.0	340.8	340.5	340.3	340.1	339.5	338.9	338.2	337.6
115°	385.2	385.8	385.6	385.2	384.7	384.3	383.9	383.7	383.5	383.2	383.0
117.5°	431.5	432.3	431.8	430.7	429.7	428.6	427.6	427.0	426.3	425.7	425.0
120°	476.2	477.0	476.2	474.5	472.8	471.1	469.4	469.4	469.4	469.4	469.4
122.5°	518.6	519.7	519.2	518.1	517.1	516.0	515.0	514.4	513.7	513.1	512.4
125°	560.6	561.5	561.2	560.6	559.9	559.3	558.7	558.1	557.4	556.8	556.1
127.5°	604.0	605.2	604.8	603.9	603.1	602.2	601.4	600.6	599.7	598.9	598.0
130°	644.7	646.1	645.9	645.5	645.0	644.6	644.2	643.8	643.4	642.9	642.5
132.5°	685.8	686.9	687.0	687.2	687.5	687.7	687.9	686.8	685.8	684.7	683.6
135°	724.7	725.9	726.1	726.5	727.0	727.4	727.8	727.6	727.4	727.1	726.9
137.5°	764.8	765.8	766.0	766.4	766.9	767.3	767.7	767.5	767.3	767.1	766.9
140°	801.9	802.9	803.4	804.5	805.5	806.6	807.6	807.6	807.6	807.6	807.6
142.5°	839.9	840.9	841.2	841.8	842.5	843.1	843.7	843.9	844.1	844.4	844.6
145°	874.4	875.1	875.7	877.0	878.3	879.5	880.8	881.0	881.2	881.4	881.6
147.5°	908.3	909.3	909.7	910.6	911.4	912.3	913.1	913.5	913.9	914.4	914.8
150°	939.1	939.7	940.1	941.0	941.8	942.7	943.5	944.1	944.7	945.4	946.0
152.5°	968.5	969.1	969.6	970.7	971.8	972.8	973.9	974.7	975.6	976.4	977.3
155°	995.4	995.7	996.0	996.7	997.3	998.0	998.6	999.6	1000.7	1001.7	1002.8
157.5°	1020.2	1020.4	1020.6	1021.0	1021.5	1021.9	1022.3	1023.8	1025.3	1026.8	1028.3
160°	1043.0	1043.2	1043.3	1043.5	1043.8	1044.0	1044.2	1045.5	1046.7	1048.0	1049.3
162.5°	1062.2	1062.2	1062.3	1062.5	1062.8	1063.0	1063.2	1064.7	1066.1	1067.6	1069.1
165°	1079.4	1079.3	1079.3	1079.3	1079.3	1079.3	1079.3	1080.8	1082.3	1083.8	1085.3
167.5°	1093.9	1093.6	1093.6	1093.6	1093.6	1093.6	1093.6	1095.1	1096.5	1098.0	1099.5
170°	1106.2	1105.9	1105.8	1105.6	1105.4	1105.2	1105.0	1106.5	1107.9	1109.4	1110.9
172.5°	1114.8	1114.5	1114.4	1114.2	1113.9	1113.7	1113.5	1115.0	1116.5	1118.0	1119.5
175°	1121.4	1121.1	1120.9	1120.5	1120.0	1119.6	1119.2	1120.7	1122.2	1123.7	1125.2
177.5°	1125.2	1124.9	1124.7	1124.3	1123.8	1123.4	1123.0	1124.3	1125.5	1126.8	1128.1
180°	1125.9	1125.9	1125.9	1125.9	1125.9	1125.9	1125.9	1125.9	1125.9	1125.9	1125.9

TEST NUMBER: P1009945

CATALOG NUMBER: S122RDIP-B290D925UB50-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
0°	611.6	611.6	611.6	611.6	611.6	611.6	611.6	611.6	611.6	611.6	611.6
2.5°	585.3	584.4	581.9	582.7	581.5	581.5	580.6	580.6	580.6	582.7	581.5
5°	553.4	550.4	547.5	546.2	544.9	543.6	543.6	543.2	547.0	546.2	549.6
7.5°	513.9	513.0	507.1	507.1	505.0	504.1	506.2	506.7	507.1	507.9	510.1
10°	478.6	476.5	468.0	468.8	467.6	465.9	467.1	466.3	469.3	470.1	469.3
12.5°	437.0	433.1	423.8	419.1	414.0	410.2	414.8	411.4	423.3	426.7	436.1
15°	381.7	374.5	368.1	368.1	363.4	360.0	362.1	366.0	368.5	372.3	374.0
17.5°	344.7	341.7	336.6	333.7	332.4	331.1	331.1	332.8	338.3	337.9	341.3
20°	313.3	311.6	309.0	305.2	303.9	303.1	303.1	303.1	306.9	310.3	312.4
22.5°	291.6	290.3	288.6	283.5	281.0	280.1	282.2	283.5	286.5	289.0	291.2
25°	269.9	266.9	264.0	262.3	261.0	261.0	261.8	262.3	263.5	264.8	267.4
27.5°	252.1	249.9	245.7	241.0	241.0	239.7	240.6	241.4	244.4	248.7	250.8
30°	232.1	231.7	230.0	228.3	226.6	225.7	227.4	228.7	229.1	231.2	231.2
32.5°	217.6	214.6	211.7	210.0	209.1	208.7	209.1	210.8	210.8	213.4	216.4
35°	203.2	201.5	198.5	195.5	194.7	192.5	194.2	195.9	198.9	200.2	201.5
37.5°	187.4	185.3	184.0	183.2	181.5	181.9	180.6	183.2	185.7	185.3	186.2
40°	175.5	171.7	167.9	167.5	167.0	166.6	166.6	167.0	168.7	170.4	173.0
42.5°	160.2	159.0	155.6	152.2	151.3	150.5	149.6	151.3	154.7	157.7	159.0
45°	144.5	142.8	142.0	139.4	137.7	137.3	136.4	138.6	141.5	142.8	143.7
47.5°	130.1	129.6	127.1	127.5	126.2	126.7	126.2	127.5	127.5	128.8	129.6
50°	120.3	119.0	117.7	116.9	115.6	115.6	115.2	115.6	117.3	119.0	118.6
52.5°	110.5	108.4	108.0	107.5	106.7	107.5	106.3	106.7	108.4	109.2	108.8
55°	99.0	98.6	97.8	96.9	96.5	96.1	96.1	96.1	97.8	99.0	99.5
57.5°	90.1	88.0	86.3	86.3	84.6	84.2	85.0	85.4	86.7	87.6	88.4
60°	77.8	76.9	74.4	73.1	70.6	70.1	70.1	71.8	74.0	76.9	77.8
62.5°	64.6	63.3	62.9	62.9	62.9	62.9	62.9	62.9	62.9	63.3	63.3
65°	57.4	57.8	57.4	57.0	57.4	57.4	57.0	57.0	57.0	57.4	57.8
67.5°	51.4	51.0	51.4	51.0	50.6	50.6	50.2	50.6	51.0	51.4	51.4
70°	44.6	44.6	44.2	44.6	44.2	43.8	43.4	43.4	44.2	44.6	44.6
72.5°	38.3	38.3	37.8	37.8	37.0	37.0	37.4	37.0	37.0	38.3	38.3
75°	31.9	31.5	31.0	31.0	30.6	30.6	30.6	30.2	31.0	31.0	31.5
77.5°	25.1	25.1	25.1	24.7	24.7	24.2	24.2	24.7	24.7	24.7	25.1
80°	19.1	19.1	19.1	18.7	18.3	18.3	18.3	18.3	18.3	18.7	18.3
82.5°	13.2	13.2	13.2	13.2	13.2	12.8	12.8	12.8	13.2	13.2	12.8
85°	8.1	7.7	8.1	8.1	7.7	8.1	7.7	7.7	7.2	7.2	7.7
87.5°	3.4	3.0	2.6	2.6	3.0	2.6	2.6	2.6	3.0	2.6	2.6
90°	31.4	31.5	31.7	31.9	32.1	32.3	32.1	31.9	31.7	31.5	31.4
92.5°	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4
95°	60.8	60.6	60.2	59.7	59.3	58.9	59.3	59.7	60.2	60.6	60.8
97.5°	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
100°	131.1	131.0	130.8	130.6	130.4	130.2	130.4	130.6	130.8	131.0	131.1
102.5°	171.0	170.9	170.7	170.5	170.3	170.1	170.3	170.5	170.7	170.9	171.0
105°	210.9	210.9	210.9	210.9	210.9	210.9	210.9	210.9	210.9	210.9	210.9
107.5°	252.7	252.2	251.1	250.1	249.0	248.0	249.0	250.1	251.1	252.2	252.7
110°	295.5	295.2	294.5	293.9	293.2	292.6	293.2	293.9	294.5	295.2	295.5

TEST NUMBER: P1009945

CATALOG NUMBER: S122RDIP-B290D925UB50-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
112.5°	337.3	337.1	336.7	336.2	335.8	335.4	335.8	336.2	336.7	337.1	337.3
115°	382.9	382.6	381.9	381.3	380.6	380.0	380.6	381.3	381.9	382.6	382.9
117.5°	424.7	424.4	423.8	423.1	422.5	421.9	422.5	423.1	423.8	424.4	424.7
120°	469.4	469.1	468.4	467.8	467.1	466.5	467.1	467.8	468.4	469.1	469.4
122.5°	512.1	511.9	511.5	511.0	510.6	510.2	510.6	511.0	511.5	511.9	512.1
125°	555.8	555.7	555.5	555.3	555.1	554.9	555.1	555.3	555.5	555.7	555.8
127.5°	597.6	597.3	596.7	596.0	595.4	594.8	595.4	596.0	596.7	597.3	597.6
130°	642.3	641.9	641.0	640.2	639.3	638.5	639.3	640.2	641.0	641.9	642.3
132.5°	683.1	682.8	682.2	681.5	680.9	680.3	680.9	681.5	682.2	682.8	683.1
135°	726.8	726.5	725.9	725.2	724.6	724.0	724.6	725.2	725.9	726.5	726.8
137.5°	766.8	766.4	765.5	764.6	763.8	762.9	763.8	764.6	765.5	766.4	766.8
140°	807.6	807.2	806.3	805.5	804.6	803.8	804.6	805.5	806.3	807.2	807.6
142.5°	844.7	844.3	843.4	842.6	841.7	840.9	841.7	842.6	843.4	844.3	844.7
145°	881.7	881.3	880.4	879.6	878.7	877.9	878.7	879.6	880.4	881.3	881.7
147.5°	915.0	914.6	913.7	912.9	912.0	911.2	912.0	912.9	913.7	914.6	915.0
150°	946.3	946.0	945.4	944.7	944.1	943.5	944.1	944.7	945.4	946.0	946.3
152.5°	977.7	977.3	976.4	975.6	974.7	973.9	974.7	975.6	976.4	977.3	977.7
155°	1003.3	1003.0	1002.4	1001.7	1001.1	1000.5	1001.1	1001.7	1002.4	1003.0	1003.3
157.5°	1029.0	1028.5	1027.4	1026.3	1025.3	1024.2	1025.3	1026.3	1027.4	1028.5	1029.0
160°	1049.9	1049.5	1048.6	1047.8	1046.9	1046.1	1046.9	1047.8	1048.6	1049.5	1049.9
162.5°	1069.8	1069.3	1068.2	1067.2	1066.1	1065.1	1066.1	1067.2	1068.2	1069.3	1069.8
165°	1086.0	1085.5	1084.4	1083.3	1082.3	1081.2	1082.3	1083.3	1084.4	1085.5	1086.0
167.5°	1100.2	1099.7	1098.6	1097.6	1096.5	1095.5	1096.5	1097.6	1098.6	1099.7	1100.2
170°	1111.6	1111.0	1109.7	1108.4	1107.2	1105.9	1107.2	1108.4	1109.7	1111.0	1111.6
172.5°	1120.2	1119.6	1118.3	1117.0	1115.8	1114.5	1115.8	1117.0	1118.3	1119.6	1120.2
175°	1125.9	1125.3	1124.0	1122.7	1121.5	1120.2	1121.5	1122.7	1124.0	1125.3	1125.9
177.5°	1128.7	1128.1	1126.8	1125.5	1124.3	1123.0	1124.3	1125.5	1126.8	1128.1	1128.7
180°	1125.9	1125.9	1125.9	1125.9	1125.9	1125.9	1125.9	1125.9	1125.9	1125.9	1125.9

TEST NUMBER: P1009945

CATALOG NUMBER: S122RDIP-B290D925UB50-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
0°	611.6	611.6	611.6	611.6	611.6	611.6	611.6	611.6	611.6	611.6	611.6
2.5°	582.7	584.9	584.0	579.3	584.0	585.3	587.8	590.4	592.1	594.6	596.8
5°	546.2	550.4	553.0	550.4	558.9	560.2	566.2	569.6	574.7	578.9	582.3
7.5°	511.8	515.2	520.3	521.1	526.2	532.2	540.7	549.2	557.2	561.5	565.3
10°	474.8	480.7	488.4	486.7	494.3	503.7	512.6	526.2	533.0	540.7	547.5
12.5°	437.8	441.6	451.8	455.2	466.3	473.5	485.8	494.3	511.3	520.3	526.2
15°	373.2	388.9	401.7	417.0	431.4	445.0	456.1	471.4	486.3	493.1	502.8
17.5°	343.9	351.1	358.7	366.4	385.1	409.3	428.9	445.5	458.2	467.1	478.6
20°	313.3	320.5	329.0	336.2	347.7	365.1	389.3	417.8	433.1	442.5	453.5
22.5°	291.6	298.4	303.9	310.3	319.2	332.0	350.2	385.5	405.9	417.4	427.2
25°	268.2	276.7	282.7	287.3	294.6	308.6	323.5	343.4	380.0	388.9	402.5
27.5°	252.1	254.6	261.4	268.6	275.9	283.5	298.8	315.8	340.5	360.0	376.6
30°	232.9	239.3	245.7	248.7	255.0	266.1	275.4	293.7	312.8	328.1	348.1
32.5°	218.5	222.3	226.6	233.8	239.7	247.4	256.7	272.0	288.2	298.0	313.3
35°	202.3	204.9	213.8	216.8	222.7	230.4	239.7	251.6	269.1	276.7	287.8
37.5°	187.0	193.0	195.5	202.3	207.8	215.5	222.3	235.9	247.4	256.3	266.5
40°	175.1	177.7	182.3	188.3	193.0	198.9	207.4	217.2	229.5	236.8	245.7
42.5°	160.7	162.8	168.7	172.1	179.8	185.3	190.4	202.3	213.4	218.9	227.8
45°	144.9	150.0	153.9	160.7	164.9	171.7	178.1	186.6	196.8	203.2	208.3
47.5°	131.3	136.4	140.3	146.6	153.4	156.4	163.2	172.1	181.5	186.6	193.8
50°	120.3	122.0	129.2	132.2	139.4	145.4	150.0	157.7	167.9	170.9	176.8
52.5°	109.7	110.9	115.6	119.4	125.8	130.9	136.9	144.1	152.6	157.3	161.9
55°	100.3	101.2	103.3	107.5	111.8	118.2	123.7	130.5	137.7	142.8	147.1
57.5°	89.7	91.4	93.1	95.6	99.9	105.8	111.8	118.2	124.1	127.5	133.0
60°	77.4	79.9	82.9	85.9	88.8	93.1	99.9	105.8	111.4	114.3	118.6
62.5°	64.2	69.3	71.8	75.2	77.8	81.6	86.7	93.5	97.3	101.2	104.6
65°	57.8	58.2	58.7	62.1	66.7	70.6	75.2	80.3	86.3	88.8	91.4
67.5°	51.4	51.9	52.7	53.1	54.8	59.1	64.2	69.7	74.4	76.1	78.6
70°	45.1	45.1	46.8	47.2	47.6	48.0	52.3	57.8	62.1	64.2	67.2
72.5°	38.3	38.7	39.5	40.0	40.8	41.7	42.9	45.9	51.0	53.1	56.5
75°	31.5	31.9	32.3	32.7	34.0	34.4	35.7	37.4	39.5	42.1	44.2
77.5°	25.1	25.1	25.5	26.4	27.2	27.6	28.9	29.8	30.6	31.9	33.6
80°	18.7	19.1	19.1	20.0	20.0	20.4	20.8	22.1	23.0	23.8	24.7
82.5°	12.8	13.6	13.6	13.6	14.0	14.5	14.9	14.9	15.7	16.2	17.4
85°	7.7	8.1	8.1	8.1	7.7	8.5	8.5	8.9	8.9	8.9	9.4
87.5°	3.0	2.6	3.0	3.0	3.0	3.4	3.0	3.0	3.4	3.8	3.8
90°	31.6	32.0	32.5	32.9	33.3	28.7	24.0	19.4	14.7	12.4	11.1
92.5°	30.3	30.1	29.9	29.7	29.5	29.3	29.1	28.8	28.6	28.5	27.7
95°	60.8	60.8	60.8	60.8	60.8	60.4	60.0	59.5	59.1	58.9	57.8
97.5°	95.0	95.0	95.0	95.0	95.0	94.2	93.3	92.5	91.6	91.2	90.3
100°	131.1	131.1	131.1	131.1	131.1	130.5	129.9	129.2	128.6	128.3	127.5
102.5°	170.9	170.7	170.5	170.3	170.1	169.3	168.4	167.6	166.7	166.3	165.7
105°	210.7	210.3	209.8	209.4	209.0	208.6	208.2	207.7	207.3	207.1	206.8
107.5°	252.6	252.4	252.2	252.0	251.8	251.8	251.8	251.8	251.8	251.8	251.4
110°	295.5	295.5	295.5	295.5	295.5	295.5	295.5	295.5	295.5	295.5	294.9

TEST NUMBER: P1009945

CATALOG NUMBER: S122RDIP-B290D925UB50-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
112.5°	337.6	338.2	338.9	339.5	340.1	340.3	340.5	340.8	341.0	341.1	340.5
115°	383.0	383.2	383.5	383.7	383.9	384.3	384.7	385.2	385.6	385.8	385.2
117.5°	425.0	425.7	426.3	427.0	427.6	428.6	429.7	430.7	431.8	432.3	431.5
120°	469.4	469.4	469.4	469.4	469.4	471.1	472.8	474.5	476.2	477.0	476.2
122.5°	512.4	513.1	513.7	514.4	515.0	516.0	517.1	518.1	519.2	519.7	518.6
125°	556.1	556.8	557.4	558.1	558.7	559.3	559.9	560.6	561.2	561.5	560.6
127.5°	598.0	598.9	599.7	600.6	601.4	602.2	603.1	603.9	604.8	605.2	604.0
130°	642.5	642.9	643.4	643.8	644.2	644.6	645.0	645.5	645.9	646.1	644.7
132.5°	683.6	684.7	685.8	686.8	687.9	687.7	687.5	687.2	687.0	686.9	685.8
135°	726.9	727.1	727.4	727.6	727.8	727.4	727.0	726.5	726.1	725.9	724.7
137.5°	766.9	767.1	767.3	767.5	767.7	767.3	766.9	766.4	766.0	765.8	764.8
140°	807.6	807.6	807.6	807.6	807.6	806.6	805.5	804.5	803.4	802.9	801.9
142.5°	844.6	844.4	844.1	843.9	843.7	843.1	842.5	841.8	841.2	840.9	839.9
145°	881.6	881.4	881.2	881.0	880.8	879.5	878.3	877.0	875.7	875.1	874.4
147.5°	914.8	914.4	913.9	913.5	913.1	912.3	911.4	910.6	909.7	909.3	908.3
150°	946.0	945.4	944.7	944.1	943.5	942.7	941.8	941.0	940.1	939.7	939.1
152.5°	977.3	976.4	975.6	974.7	973.9	972.8	971.8	970.7	969.6	969.1	968.5
155°	1002.8	1001.7	1000.7	999.6	998.6	998.0	997.3	996.7	996.0	995.7	995.4
157.5°	1028.3	1026.8	1025.3	1023.8	1022.3	1021.9	1021.5	1021.0	1020.6	1020.4	1020.2
160°	1049.3	1048.0	1046.7	1045.5	1044.2	1044.0	1043.8	1043.5	1043.3	1043.2	1043.0
162.5°	1069.1	1067.6	1066.1	1064.7	1063.2	1063.0	1062.8	1062.5	1062.3	1062.2	1062.2
165°	1085.3	1083.8	1082.3	1080.8	1079.3	1079.3	1079.3	1079.3	1079.3	1079.3	1079.4
167.5°	1099.5	1098.0	1096.5	1095.1	1093.6	1093.6	1093.6	1093.6	1093.6	1093.6	1093.9
170°	1110.9	1109.4	1107.9	1106.5	1105.0	1105.2	1105.4	1105.6	1105.8	1105.9	1106.2
172.5°	1119.5	1118.0	1116.5	1115.0	1113.5	1113.7	1113.9	1114.2	1114.4	1114.5	1114.8
175°	1125.2	1123.7	1122.2	1120.7	1119.2	1119.6	1120.0	1120.5	1120.9	1121.1	1121.4
177.5°	1128.1	1126.8	1125.5	1124.3	1123.0	1123.4	1123.8	1124.3	1124.7	1124.9	1125.2
180°	1125.9	1125.9	1125.9	1125.9	1125.9	1125.9	1125.9	1125.9	1125.9	1125.9	1125.9

TEST NUMBER: P1009945

CATALOG NUMBER: S122RDIP-B290D925UB50-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
0°	611.6	611.6	611.6	611.6
2.5°	600.6	599.3	607.0	615.5
5°	588.3	590.4	600.2	612.1
7.5°	575.5	580.2	591.7	607.4
10°	557.7	566.2	583.6	599.7
12.5°	540.2	551.7	568.3	587.4
15°	520.7	533.4	553.8	576.8
17.5°	499.0	513.5	537.3	562.3
20°	476.1	495.2	520.3	547.5
22.5°	450.6	473.5	499.4	529.6
25°	425.9	451.0	476.9	511.8
27.5°	401.7	426.3	455.2	490.5
30°	377.4	400.0	431.0	468.8
32.5°	351.5	374.9	407.6	446.3
35°	327.7	351.1	381.7	419.9
37.5°	302.2	327.3	356.6	396.1
40°	272.5	301.8	330.3	368.1
42.5°	247.8	278.8	306.5	342.2
45°	228.3	257.6	280.5	315.4
47.5°	210.0	233.8	257.2	289.5
50°	192.5	210.8	235.1	264.0
52.5°	174.7	190.4	211.2	238.5
55°	158.5	173.4	192.1	212.9
57.5°	143.7	154.3	173.0	191.7
60°	127.1	138.1	152.6	168.3
62.5°	113.1	121.6	135.2	148.3
65°	98.2	106.3	116.5	128.8
67.5°	84.6	91.8	99.9	109.7
70°	72.3	77.8	83.7	92.2
72.5°	59.1	65.0	70.6	77.4
75°	48.5	51.0	55.7	60.4
77.5°	37.4	40.8	43.4	47.2
80°	26.8	29.8	30.6	33.6
82.5°	17.9	19.6	21.3	22.1
85°	10.2	11.1	12.8	13.2
87.5°	3.8	4.3	5.1	6.0
90°	8.6	6.1	3.5	1.0
92.5°	26.0	24.3	22.6	20.9
95°	55.7	53.6	51.5	49.4
97.5°	88.4	86.5	84.6	82.7
100°	125.8	124.1	122.4	120.7
102.5°	164.4	163.1	161.9	160.6
105°	206.2	205.5	204.9	204.3
107.5°	250.5	249.7	248.8	248.0
110°	293.6	292.3	291.1	289.8

TEST NUMBER: P1009945

CATALOG NUMBER: S122RDIP-B290D925UB50-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
112.5°	339.2	337.9	336.7	335.4
115°	383.9	382.6	381.3	380.0
117.5°	429.8	428.1	426.4	424.7
120°	474.5	472.8	471.1	469.4
122.5°	516.5	514.4	512.3	510.2
125°	558.7	556.8	554.9	553.0
127.5°	601.7	599.4	597.1	594.8
130°	642.0	639.2	636.5	633.7
132.5°	683.7	681.6	679.5	677.4
135°	722.4	720.1	717.7	715.4
137.5°	762.9	761.0	759.1	757.2
140°	800.0	798.1	796.2	794.3
142.5°	838.0	836.1	834.2	832.3
145°	872.9	871.4	869.9	868.4
147.5°	906.4	904.5	902.6	900.7
150°	937.8	936.5	935.3	934.0
152.5°	967.2	965.9	964.7	963.4
155°	994.8	994.1	993.5	992.9
157.5°	1019.8	1019.3	1018.9	1018.5
160°	1042.6	1042.1	1041.7	1041.3
162.5°	1062.2	1062.2	1062.2	1062.2
165°	1079.6	1079.9	1080.1	1080.3
167.5°	1094.5	1095.2	1095.8	1096.4
170°	1106.9	1107.5	1108.2	1108.8
172.5°	1115.4	1116.1	1116.7	1117.3
175°	1122.1	1122.7	1123.4	1124.0
177.5°	1125.9	1126.5	1127.2	1127.8
180°	1125.9	1125.9	1125.9	1125.9

(END OF REPORT)