

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: P999633

Luminaire Tested: SA2XXRDIP-B290D925UB2750-4F0-XX-W2A-A_3500K

Issue Date: 5/7/2025

Test Information

Test Method: LM-79-2019
Report Number: P999633
REPORT IS A COMBINATION OF REPORTS P988186 AND P1007351
Test Lab: INNOVATION CENTER
Issue Date: 5/7/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: NEO-RAY
Catalog Number: SA2XXRDIP-B290D925UB2750-4F0-XX-W2A-A_3500K
Description: Define 2 Regressed Direct/Indirect Pendant with 3500K BioUP LEDs {m-DER=0.721}
{m-EER=0.792}
Light Source: -
Ballast/Driver: -

Summary

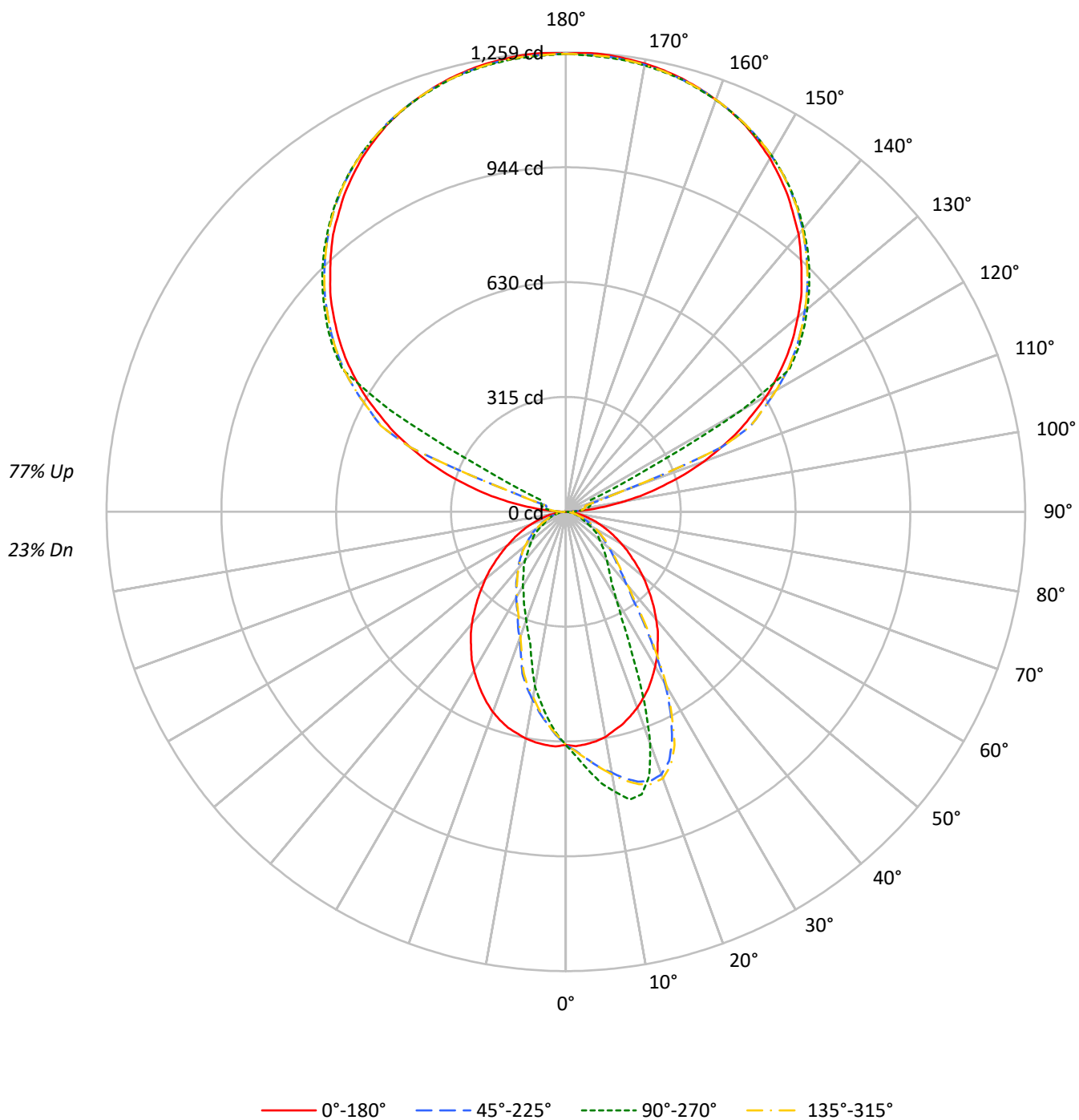
Lumens per Lamp: N/A
Luminaire Lumens: 4785.0 lumens
Efficiency: N/A
Efficacy: 115.3 lumens/watt
Spacing Criteria (0/90/45): 1.16 / 0.85 / 1.01
Luminous Opening: Rectangular w/ Sides (W: 0.17' x L: 4' x H: 0.1')
CIE Type: Semi-Indirect

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: P999633

CATALOG NUMBER: SA2XXRDIP-B290D925UB2750-4F0-XX-W2A-A_3500K

Luminous Intensity Polar Plot



TEST NUMBER: P999633

CATALOG NUMBER: SA2XXRDIP-B290D925UB2750-4F0-XX-W2A-A_3500K

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20					20					20					20
RC	80				70					50					30					0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10
RCR																				
0	101	101	101	101	89	89	89	89	68	68	68	49	49	49	31	31	31	31	31	23
1	92	88	84	81	82	78	75	73	60	58	57	44	42	41	28	28	27	27	27	20
2	84	77	72	67	75	69	64	60	53	50	47	39	37	35	25	24	23	23	23	17
3	77	68	61	56	68	61	55	51	47	43	40	35	32	30	23	21	20	20	20	15
4	70	61	53	48	62	54	48	43	42	38	35	31	28	26	21	19	18	18	18	14
5	65	54	46	41	57	48	42	37	38	33	30	28	25	23	19	17	16	16	16	12
6	60	48	41	35	53	43	37	32	34	30	26	25	22	20	17	15	14	14	14	11
7	55	44	36	31	49	39	33	28	31	26	23	23	20	18	16	14	13	13	13	10
8	51	40	32	27	45	36	29	25	28	24	20	21	18	16	15	13	11	11	11	9
9	48	36	29	24	42	33	27	22	26	21	18	19	17	14	14	12	10	10	10	8
10	44	33	26	22	40	30	24	20	24	19	16	18	15	13	13	11	10	10	10	8

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	10112	10112	10112	10112
5°	10136	10742	10171	8581
10°	10024	11353	10096	7086
15°	9806	11356	9972	5323
20°	9545	9388	9752	4391
25°	9228	5866	9428	3736
30°	8823	3755	9063	3216
35°	8330	2887	8599	2752
40°	7782	2427	8114	2407
45°	7194	2065	7495	2021
50°	6593	1755	6901	1749
55°	5926	1525	6246	1504
60°	5335	1162	5617	1149
65°	4781	874	5066	992
70°	4170	699	4500	808
75°	3524	536	3849	612
80°	2802	364	3010	402
85°	1949	188	2133	198

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 165°

Vertical Angle: 45°

Luminance: 9250 cd/sqm

TEST NUMBER: P999633

CATALOG NUMBER: SA2XXRDIP-B290D925UB2750-4F0-XX-W2A-A_3500K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	60.6	1.3
10°-20°	169.1	3.5
20°-30°	217.7	4.5
30°-40°	206.5	4.3
40°-50°	177.0	3.7
50°-60°	134.8	2.8
60°-70°	85.0	1.8
70°-80°	42.4	0.9
80°-90°	13.1	0.3
90°-100°	41.4	0.9
100°-110°	154.2	3.2
110°-120°	409.1	8.5
120°-130°	678.5	14.2
130°-140°	720.7	15.1
140°-150°	669.9	14.0
150°-160°	538.5	11.3
160°-170°	347.0	7.3
170°-180°	119.4	2.5
0°-30°	447.4	9.4
0°-40°	653.9	13.7
0°-60°	965.7	20.2
0°-90°	1106.2	23.1
90°-120°	604.7	12.6
90°-150°	2673.8	55.9
90°-180°	3679.0	76.9
0°-180°	4785.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	639	639	639	639	639	
5°	639	711	642	568	639	61
15°	602	802	613	376	602	169
25°	534	428	546	273	534	245
35°	439	211	453	201	439	274
45°	329	146	343	143	329	254
55°	222	102	234	100	222	200
65°	134	53	142	60	134	133
75°	63	28	69	32	63	68
85°	14	8	15	8	14	16
90°	1	24	1	24	1	4
95°	59	39	59	39	59	70
105°	276	69	276	69	276	295
115°	522	74	522	74	522	514
125°	738	776	738	776	738	658
135°	913	943	913	943	913	706
145°	1060	1076	1060	1076	1060	663
155°	1167	1168	1167	1168	1167	538
165°	1229	1227	1229	1227	1229	347
175°	1258	1250	1258	1250	1258	120
180°	1255	1255	1255	1255	1255	

TEST NUMBER: P999633

CATALOG NUMBER: SA2XXRDIP-B290D925UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	638.8	638.8	638.8	638.8	638.8	638.8	638.8	638.8	638.8	638.8	638.8
2.5°	642.8	645.5	646.8	648.6	652.6	655.3	659.3	660.2	659.7	661.5	656.6
5°	639.3	645.1	650.4	654.8	661.9	666.4	671.3	677.0	678.4	685.0	681.0
7.5°	634.4	642.8	650.4	659.3	669.9	675.7	683.2	692.1	696.1	704.1	706.3
10°	626.4	638.4	651.3	660.6	675.2	685.5	692.6	706.8	716.1	728.1	726.3
12.5°	613.5	629.1	646.4	661.9	681.0	687.7	701.0	715.6	727.6	738.7	748.5
15°	602.4	620.2	639.3	658.4	680.1	692.6	705.9	725.0	737.8	757.4	765.8
17.5°	587.3	610.0	632.6	653.9	679.7	693.9	710.3	729.0	748.1	766.7	773.4
20°	571.8	596.2	620.6	649.5	678.8	692.6	709.4	732.5	751.2	765.8	765.8
22.5°	553.2	582.9	610.9	638.4	670.4	690.3	707.7	734.7	748.1	751.2	739.2
25°	534.5	564.3	594.9	629.1	665.5	683.2	702.8	728.1	732.5	720.1	689.0
27.5°	512.3	545.6	580.2	617.1	655.3	677.5	695.2	712.1	703.7	670.4	622.0
30°	489.7	525.6	564.7	599.8	645.9	666.4	681.5	686.3	659.7	605.5	542.9
32.5°	466.1	501.2	542.5	584.7	631.3	650.8	660.6	647.7	598.9	530.5	454.2
35°	438.6	478.1	521.2	565.1	611.3	626.0	631.7	600.2	537.6	449.3	373.4
37.5°	413.8	453.3	499.4	544.3	589.1	597.1	591.3	542.1	462.6	375.1	301.0
40°	384.5	426.6	471.9	522.1	558.9	561.2	546.9	483.0	384.5	302.3	256.6
42.5°	357.4	400.0	445.3	496.3	524.3	516.8	497.7	413.8	321.0	260.6	223.8
45°	329.4	369.8	418.6	463.9	483.9	466.1	437.3	348.1	269.5	224.2	195.8
47.5°	302.3	340.1	388.5	432.0	435.5	415.5	381.4	291.7	233.5	197.1	174.0
50°	275.7	313.4	358.7	394.7	391.1	363.6	325.0	253.5	202.9	174.0	154.9
52.5°	249.1	283.2	327.2	355.6	340.5	313.9	275.7	214.9	177.1	151.8	137.2
55°	222.4	254.4	292.1	315.6	291.7	261.0	234.0	184.2	153.6	133.2	122.1
57.5°	200.2	225.5	260.2	274.4	245.5	221.5	198.0	158.5	133.2	118.5	105.7
60°	175.8	198.9	227.3	235.7	206.0	186.5	166.5	134.1	114.1	101.2	92.8
62.5°	154.9	174.0	195.8	195.8	169.6	154.9	139.8	112.3	95.9	85.7	81.7
65°	134.5	148.3	163.8	162.0	139.8	127.0	115.0	92.8	80.4	73.3	69.3
67.5°	114.5	125.2	135.4	129.2	113.2	102.1	91.0	75.0	66.6	61.7	56.4
70°	96.3	104.8	110.1	104.3	88.3	79.0	71.0	60.4	53.7	47.5	44.4
72.5°	80.8	84.4	86.1	79.0	65.7	60.4	54.6	47.1	41.3	38.2	37.3
75°	63.0	66.1	64.8	59.5	48.4	44.4	40.0	34.6	33.3	31.5	30.6
77.5°	49.3	49.3	47.1	42.2	34.6	31.5	29.7	27.1	25.7	25.3	24.4
80°	35.1	34.6	33.3	28.0	23.5	21.8	21.8	20.0	19.5	18.6	18.6
82.5°	23.1	23.1	21.3	16.9	15.5	15.1	14.7	13.8	13.8	13.3	13.3
85°	13.8	12.9	10.7	9.3	8.9	8.9	8.4	8.0	8.4	8.0	8.0
87.5°	6.2	4.9	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6
90°	0.9	3.1	5.3	7.6	9.8	10.9	11.7	13.3	15.0	16.6	18.2
92.5°	22.7	21.9	21.1	20.3	19.5	19.1	19.4	20.0	20.6	21.2	21.8
95°	59.0	52.4	45.7	39.1	32.4	29.1	29.8	31.2	32.6	34.0	35.4
97.5°	106.2	89.7	73.1	56.6	40.1	31.8	33.4	36.6	39.9	43.1	46.3
100°	160.7	133.1	105.4	77.8	50.1	36.3	38.0	41.5	44.9	48.4	51.8
102.5°	220.6	220.2	219.8	219.4	219.0	218.8	200.4	163.7	127.0	90.3	53.6
105°	276.0	282.1	288.1	294.2	300.3	303.3	275.8	220.7	165.6	110.5	55.4
107.5°	340.5	345.5	350.6	355.6	360.7	363.2	329.2	261.2	193.2	125.2	57.2
110°	402.2	406.4	410.7	414.9	419.2	421.3	392.1	333.8	275.5	217.2	158.9

TEST NUMBER: P999633

CATALOG NUMBER: SA2XXRDIP-B290D925UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	460.4	464.0	467.6	471.3	474.9	476.7	475.0	471.6	468.1	464.7	461.3
115°	522.1	525.5	528.9	532.4	535.8	537.5	540.0	545.1	550.1	555.2	560.2
117.5°	575.7	579.7	583.7	587.8	591.8	593.8	595.5	599.0	602.4	605.9	609.3
120°	635.6	638.6	641.6	644.7	647.7	649.2	651.0	654.7	658.3	662.0	665.6
122.5°	686.4	689.6	692.9	696.1	699.4	701.0	703.0	707.0	711.1	715.1	719.1
125°	738.2	740.8	743.4	746.1	748.7	750.0	751.9	755.8	759.6	763.5	767.3
127.5°	785.4	788.2	791.0	793.9	796.7	798.1	799.6	802.7	805.7	808.8	811.8
130°	829.9	833.1	836.3	839.6	842.8	844.4	845.5	847.7	850.0	852.2	854.4
132.5°	875.3	877.9	880.5	883.2	885.8	887.1	888.2	890.4	892.7	894.9	897.1
135°	913.4	916.6	919.9	923.1	926.4	928.0	928.9	930.7	932.5	934.3	936.1
137.5°	953.4	955.8	958.2	960.7	963.1	964.3	965.3	967.3	969.4	971.4	973.4
140°	992.4	994.0	995.6	997.3	998.9	999.7	1000.8	1003.0	1005.3	1007.5	1009.7
142.5°	1025.1	1026.5	1027.9	1029.4	1030.8	1031.5	1032.8	1035.4	1038.1	1040.7	1043.3
145°	1059.6	1059.4	1059.2	1059.0	1058.8	1058.7	1060.4	1063.9	1067.3	1070.8	1074.2
147.5°	1089.6	1089.0	1088.4	1087.8	1087.2	1086.9	1088.6	1092.0	1095.5	1098.9	1102.3
150°	1118.7	1117.3	1115.9	1114.4	1113.0	1112.3	1113.9	1117.1	1120.4	1123.6	1126.8
152.5°	1143.2	1141.6	1140.0	1138.3	1136.7	1135.9	1137.4	1140.4	1143.5	1146.5	1149.5
155°	1166.8	1165.0	1163.2	1161.3	1159.5	1158.6	1159.8	1162.2	1164.7	1167.1	1169.5
157.5°	1185.8	1184.2	1182.6	1181.0	1179.4	1178.6	1179.5	1181.3	1183.2	1185.0	1186.8
160°	1202.2	1201.0	1199.8	1198.5	1197.3	1196.7	1197.3	1198.5	1199.8	1201.0	1202.2
162.5°	1216.7	1215.5	1214.3	1213.1	1211.9	1211.3	1211.8	1212.8	1213.8	1214.8	1215.8
165°	1229.4	1228.2	1227.0	1225.8	1224.6	1224.0	1224.3	1224.9	1225.5	1226.1	1226.7
167.5°	1239.4	1238.2	1237.0	1235.8	1234.6	1234.0	1234.3	1234.9	1235.5	1236.1	1236.7
170°	1247.6	1246.4	1245.2	1243.9	1242.7	1242.1	1242.3	1242.7	1243.2	1243.6	1244.0
172.5°	1253.0	1251.8	1250.6	1249.4	1248.2	1247.6	1247.8	1248.2	1248.6	1249.0	1249.4
175°	1257.6	1256.2	1254.8	1253.3	1251.9	1251.2	1251.4	1251.8	1252.2	1252.6	1253.0
177.5°	1259.4	1258.0	1256.6	1255.1	1253.7	1253.0	1253.1	1253.3	1253.5	1253.7	1253.9
180°	1254.9	1254.9	1254.9	1254.9	1254.9	1254.9	1254.9	1254.9	1254.9	1254.9	1254.9

TEST NUMBER: P999633

CATALOG NUMBER: SA2XXRDIP-B290D925UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	638.8	638.8	638.8	638.8	638.8	638.8	638.8	638.8	638.8	638.8	638.8
2.5°	661.5	662.4	663.7	669.9	670.8	672.6	671.7	671.7	672.1	671.3	671.7
5°	689.9	691.2	697.9	705.4	707.2	705.4	707.7	710.8	710.8	710.8	709.9
7.5°	716.5	721.4	729.0	740.1	742.3	744.5	748.5	745.8	746.7	750.7	749.4
10°	742.3	749.4	757.8	767.1	772.0	775.1	776.9	780.9	790.2	779.6	783.6
12.5°	766.7	776.9	785.8	796.0	799.6	803.5	804.9	808.4	808.4	808.0	811.1
15°	782.7	792.0	800.0	806.7	807.5	806.7	805.8	806.2	807.5	802.2	805.3
17.5°	786.2	787.1	789.8	787.1	787.6	778.2	772.9	771.6	759.2	759.6	769.8
20°	768.9	753.8	749.8	735.2	726.3	702.3	701.4	694.8	668.6	676.6	674.8
22.5°	721.4	695.7	661.5	644.6	636.2	610.9	591.3	577.6	568.3	558.9	554.9
25°	658.8	617.1	568.7	535.4	530.5	507.0	471.0	454.2	434.2	428.0	438.6
27.5°	578.0	523.9	469.3	418.2	408.9	387.6	369.4	357.4	334.3	333.0	333.8
30°	468.4	413.8	368.0	334.7	311.7	301.9	289.9	281.0	271.7	275.2	276.1
32.5°	384.9	333.0	290.3	272.6	261.9	255.7	245.5	239.7	235.7	234.4	234.0
35°	305.9	271.3	252.2	234.8	228.6	224.2	216.6	214.0	210.4	210.9	210.9
37.5°	261.9	233.1	218.9	210.0	204.2	202.0	197.1	194.4	192.2	191.3	192.7
40°	226.0	206.0	197.1	189.1	184.2	183.4	180.7	177.6	174.9	175.4	176.7
42.5°	199.8	188.2	177.6	171.4	167.8	166.5	164.3	162.0	162.0	160.7	160.3
45°	178.9	169.6	160.7	154.9	152.7	150.9	148.3	147.8	146.1	146.5	146.9
47.5°	160.3	152.7	146.1	140.3	138.1	137.6	135.0	133.2	133.2	132.7	132.3
50°	143.4	135.8	130.1	127.0	123.9	123.0	122.5	122.1	121.2	121.2	121.6
52.5°	129.6	122.1	117.6	115.0	113.2	112.3	112.3	111.9	111.9	111.9	111.4
55°	114.5	108.3	104.8	103.9	103.0	102.6	102.1	101.2	100.8	101.7	100.8
57.5°	100.3	98.1	95.0	94.1	91.9	91.9	90.6	89.7	88.8	89.7	89.7
60°	89.2	86.1	84.4	81.7	79.9	78.1	75.9	75.5	74.6	74.1	73.7
62.5°	77.7	75.0	70.6	66.6	63.9	62.2	61.3	60.8	60.8	60.4	60.4
65°	64.8	58.6	56.4	55.0	54.6	54.2	53.3	52.8	53.3	52.8	53.3
67.5°	50.6	49.7	48.4	47.5	47.1	46.6	46.6	46.2	46.2	46.2	46.2
70°	44.0	41.7	41.3	40.4	40.4	40.0	40.0	40.0	40.0	39.5	40.4
72.5°	36.4	35.1	34.6	34.2	34.2	34.2	33.7	33.7	33.7	33.3	33.7
75°	29.7	29.3	28.4	28.4	28.0	28.4	28.0	28.0	27.5	28.0	28.0
77.5°	24.0	23.5	23.1	23.1	22.6	22.6	22.6	22.6	22.6	22.6	23.1
80°	18.2	17.8	17.3	17.8	17.3	17.8	17.3	17.3	17.8	17.3	17.3
82.5°	13.3	12.9	12.9	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4
85°	8.0	7.5	7.5	8.0	7.5	8.0	7.5	7.5	7.5	8.0	8.0
87.5°	3.6	4.0	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	4.0
90°	19.2	20.2	21.2	22.2	22.7	22.9	23.3	23.7	24.1	24.5	24.1
92.5°	22.2	22.6	23.0	23.4	23.6	23.7	23.9	24.1	24.3	24.5	24.3
95°	36.4	37.4	38.5	39.5	40.0	39.9	39.7	39.4	39.2	39.0	39.2
97.5°	46.9	47.5	48.1	48.7	49.0	49.1	49.3	49.5	49.7	49.9	49.7
100°	53.4	55.0	56.6	58.2	59.0	59.2	59.6	60.0	60.4	60.8	60.4
102.5°	55.8	58.0	60.3	62.5	63.6	63.9	64.5	65.1	65.7	66.3	65.7
105°	57.6	59.8	62.1	64.3	65.4	65.8	66.6	67.4	68.2	69.0	68.2
107.5°	59.4	61.6	63.9	66.1	67.2	67.6	68.4	69.2	70.0	70.8	70.0
110°	138.7	118.5	98.4	78.2	68.1	68.5	69.3	70.1	70.9	71.7	70.9



TEST NUMBER: P999633

CATALOG NUMBER: SA2XXRDIP-B290D925UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	374.3	287.3	200.4	113.4	69.9	70.2	70.8	71.4	72.0	72.6	72.0
115°	466.8	373.4	279.9	186.5	139.8	132.5	118.0	103.5	89.0	74.5	89.0
117.5°	580.4	551.6	522.7	493.8	479.4	453.0	400.1	347.2	294.4	241.5	294.4
120°	668.0	670.4	672.9	675.3	676.5	662.9	635.6	608.4	581.1	553.9	581.1
122.5°	720.3	721.5	722.8	724.0	724.6	724.7	724.9	725.1	725.3	725.5	725.3
125°	768.7	770.1	771.5	772.9	773.6	773.9	774.5	775.1	775.7	776.3	775.7
127.5°	813.8	815.8	817.8	819.8	820.8	820.9	821.1	821.3	821.5	821.7	821.5
130°	856.6	858.8	861.1	863.3	864.4	864.3	864.1	863.9	863.7	863.5	863.7
132.5°	898.9	900.7	902.6	904.4	905.3	905.2	905.0	904.8	904.6	904.4	904.6
135°	938.1	940.1	942.2	944.2	945.2	945.0	944.6	944.2	943.8	943.4	943.8
137.5°	975.4	977.4	979.5	981.5	982.5	982.2	981.6	980.9	980.3	979.7	980.3
140°	1011.5	1013.3	1015.2	1017.0	1017.9	1017.4	1016.4	1015.3	1014.3	1013.3	1014.3
142.5°	1044.9	1046.5	1048.2	1049.8	1050.6	1050.1	1049.1	1048.0	1047.0	1046.0	1047.0
145°	1075.6	1077.0	1078.4	1079.8	1080.5	1080.0	1079.0	1078.0	1077.0	1076.0	1077.0
147.5°	1103.3	1104.3	1105.4	1106.4	1106.9	1106.5	1105.7	1104.8	1104.0	1103.2	1104.0
150°	1128.0	1129.2	1130.5	1131.7	1132.3	1131.8	1130.8	1129.7	1128.7	1127.7	1128.7
152.5°	1150.7	1151.9	1153.2	1154.4	1155.0	1154.3	1152.9	1151.4	1150.0	1148.6	1150.0
155°	1170.7	1171.9	1173.2	1174.4	1175.0	1174.2	1172.6	1170.9	1169.3	1167.7	1169.3
157.5°	1188.2	1189.6	1191.0	1192.4	1193.1	1192.3	1190.7	1189.0	1187.4	1185.8	1187.4
160°	1203.4	1204.6	1205.8	1207.0	1207.6	1206.9	1205.5	1204.1	1202.7	1201.3	1202.7
162.5°	1217.2	1218.6	1220.1	1221.5	1222.2	1221.3	1219.5	1217.6	1215.8	1214.0	1215.8
165°	1228.1	1229.5	1231.0	1232.4	1233.1	1232.4	1231.0	1229.5	1228.1	1226.7	1228.1
167.5°	1238.1	1239.5	1241.0	1242.4	1243.1	1242.2	1240.4	1238.5	1236.7	1234.9	1236.7
170°	1245.4	1246.8	1248.2	1249.6	1250.3	1249.4	1247.6	1245.7	1243.9	1242.1	1243.9
172.5°	1250.8	1252.2	1253.7	1255.1	1255.8	1254.9	1253.1	1251.2	1249.4	1247.6	1249.4
175°	1254.4	1255.8	1257.3	1258.7	1259.4	1258.4	1256.4	1254.3	1252.3	1250.3	1252.3
177.5°	1255.3	1256.7	1258.2	1259.6	1260.3	1259.4	1257.6	1255.7	1253.9	1252.1	1253.9
180°	1254.9	1254.9	1254.9	1254.9	1254.9	1254.9	1254.9	1254.9	1254.9	1254.9	1254.9

TEST NUMBER: P999633

CATALOG NUMBER: SA2XXRDIP-B290D925UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	638.8	638.8	638.8	638.8	638.8	638.8	638.8	638.8	638.8	638.8	638.8
2.5°	673.5	670.4	669.5	670.4	669.5	669.9	666.8	655.3	658.4	653.5	656.2
5°	711.7	709.0	703.2	702.3	701.4	700.6	696.1	685.9	681.9	675.2	674.8
7.5°	748.1	748.1	743.6	740.5	736.5	733.4	727.6	712.5	706.3	698.3	693.9
10°	784.0	772.5	777.4	774.2	764.5	762.7	752.1	743.2	731.2	723.2	716.1
12.5°	809.8	806.2	801.8	799.1	796.4	790.7	783.6	760.9	754.7	738.7	730.7
15°	808.9	806.7	808.0	808.0	807.1	805.8	800.0	783.6	772.9	757.4	743.6
17.5°	765.4	771.1	776.9	780.9	789.8	793.8	799.1	789.3	782.7	769.4	754.7
20°	689.5	703.7	720.5	724.1	732.1	755.6	766.3	774.7	777.4	772.9	760.9
22.5°	583.8	595.8	636.6	635.7	647.3	675.2	706.3	731.6	751.6	762.7	758.3
25°	457.3	474.1	495.9	512.3	550.1	591.8	630.4	670.8	705.4	736.1	743.6
27.5°	345.8	368.0	385.3	407.1	426.2	475.5	525.2	588.2	628.6	686.8	717.0
30°	279.7	289.9	307.2	317.4	326.7	364.5	420.9	483.0	554.0	621.1	673.0
32.5°	238.8	245.9	258.8	263.3	273.0	298.3	333.8	390.7	463.9	545.2	613.5
35°	214.4	222.0	224.6	228.6	236.6	252.6	277.0	318.3	384.5	463.9	545.6
37.5°	193.6	197.6	205.1	207.8	210.4	222.4	238.8	267.7	311.7	376.9	467.5
40°	178.9	181.1	185.1	187.3	189.1	197.6	212.2	231.7	264.1	313.9	397.3
42.5°	163.4	166.0	168.7	171.4	173.6	180.2	189.1	207.8	229.5	267.3	327.6
45°	148.3	150.1	153.2	154.9	158.0	163.4	171.4	184.2	203.8	227.7	276.6
47.5°	134.5	136.7	138.1	140.3	142.5	148.3	155.8	164.3	180.2	203.8	239.3
50°	122.1	124.7	126.5	127.0	128.7	134.1	140.3	149.6	159.8	178.0	209.1
52.5°	113.2	113.7	115.0	116.8	116.3	119.4	125.2	132.3	143.0	157.6	180.2
55°	103.0	104.3	105.2	105.7	105.7	108.3	111.4	118.1	126.5	138.5	157.6
57.5°	90.1	91.5	94.1	95.0	96.3	97.7	99.0	103.4	110.5	122.1	137.6
60°	76.8	77.7	80.4	82.1	83.0	86.6	88.3	91.9	95.9	104.3	119.0
62.5°	61.7	62.6	63.9	65.7	67.5	72.8	77.2	80.8	83.9	89.7	101.7
65°	53.7	54.2	55.0	55.5	55.9	58.2	62.2	67.0	72.8	77.2	84.4
67.5°	46.6	47.1	47.5	48.4	48.8	49.3	51.1	52.4	58.2	64.4	69.7
70°	40.0	40.8	41.3	41.3	41.7	42.6	43.5	45.3	47.1	50.2	56.8
72.5°	33.7	34.2	35.1	35.1	35.1	36.0	36.8	37.7	38.6	40.4	43.1
75°	28.0	28.9	28.9	28.9	29.3	29.3	30.2	31.1	32.0	33.3	34.2
77.5°	23.1	23.1	23.1	23.1	23.5	23.5	24.0	24.9	25.3	25.7	26.6
80°	17.3	17.8	17.8	17.8	18.2	18.2	18.2	19.1	19.5	19.5	20.4
82.5°	12.9	12.9	12.9	13.3	12.9	13.3	13.3	13.8	13.3	13.8	14.2
85°	8.0	8.0	8.0	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.9
87.5°	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.4	4.0	4.0
90°	23.7	23.3	22.9	22.7	22.2	21.2	20.2	19.2	18.2	16.6	15.0
92.5°	24.1	23.9	23.7	23.6	23.4	23.0	22.6	22.2	21.8	21.2	20.6
95°	39.4	39.7	39.9	40.0	39.5	38.5	37.4	36.4	35.4	34.0	32.6
97.5°	49.5	49.3	49.1	49.0	48.7	48.1	47.5	46.9	46.3	43.1	39.9
100°	60.0	59.6	59.2	59.0	58.2	56.6	55.0	53.4	51.8	48.4	44.9
102.5°	65.1	64.5	63.9	63.6	62.5	60.3	58.0	55.8	53.6	90.3	127.0
105°	67.4	66.6	65.8	65.4	64.3	62.1	59.8	57.6	55.4	110.5	165.6
107.5°	69.2	68.4	67.6	67.2	66.1	63.9	61.6	59.4	57.2	125.2	193.2
110°	70.1	69.3	68.5	68.1	78.2	98.4	118.5	138.7	158.9	217.2	275.5

TEST NUMBER: P999633

CATALOG NUMBER: SA2XXRDIP-B290D925UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	71.4	70.8	70.2	69.9	113.4	200.4	287.3	374.3	461.3	464.7	468.1
115°	103.5	118.0	132.5	139.8	186.5	279.9	373.4	466.8	560.2	555.2	550.1
117.5°	347.2	400.1	453.0	479.4	493.8	522.7	551.6	580.4	609.3	605.9	602.4
120°	608.4	635.6	662.9	676.5	675.3	672.9	670.4	668.0	665.6	662.0	658.3
122.5°	725.1	724.9	724.7	724.6	724.0	722.8	721.5	720.3	719.1	715.1	711.1
125°	775.1	774.5	773.9	773.6	772.9	771.5	770.1	768.7	767.3	763.5	759.6
127.5°	821.3	821.1	820.9	820.8	819.8	817.8	815.8	813.8	811.8	808.8	805.7
130°	863.9	864.1	864.3	864.4	863.3	861.1	858.8	856.6	854.4	852.2	850.0
132.5°	904.8	905.0	905.2	905.3	904.4	902.6	900.7	898.9	897.1	894.9	892.7
135°	944.2	944.6	945.0	945.2	944.2	942.2	940.1	938.1	936.1	934.3	932.5
137.5°	980.9	981.6	982.2	982.5	981.5	979.5	977.4	975.4	973.4	971.4	969.4
140°	1015.3	1016.4	1017.4	1017.9	1017.0	1015.2	1013.3	1011.5	1009.7	1007.5	1005.3
142.5°	1048.0	1049.1	1050.1	1050.6	1049.8	1048.2	1046.5	1044.9	1043.3	1040.7	1038.1
145°	1078.0	1079.0	1080.0	1080.5	1079.8	1078.4	1077.0	1075.6	1074.2	1070.8	1067.3
147.5°	1104.8	1105.7	1106.5	1106.9	1106.4	1105.4	1104.3	1103.3	1102.3	1098.9	1095.5
150°	1129.7	1130.8	1131.8	1132.3	1131.7	1130.5	1129.2	1128.0	1126.8	1123.6	1120.4
152.5°	1151.4	1152.9	1154.3	1155.0	1154.4	1153.2	1151.9	1150.7	1149.5	1146.5	1143.5
155°	1170.9	1172.6	1174.2	1175.0	1174.4	1173.2	1171.9	1170.7	1169.5	1167.1	1164.7
157.5°	1189.0	1190.7	1192.3	1193.1	1192.4	1191.0	1189.6	1188.2	1186.8	1185.0	1183.2
160°	1204.1	1205.5	1206.9	1207.6	1207.0	1205.8	1204.6	1203.4	1202.2	1201.0	1199.8
162.5°	1217.6	1219.5	1221.3	1222.2	1221.5	1220.1	1218.6	1217.2	1215.8	1214.8	1213.8
165°	1229.5	1231.0	1232.4	1233.1	1232.4	1231.0	1229.5	1228.1	1226.7	1226.1	1225.5
167.5°	1238.5	1240.4	1242.2	1243.1	1242.4	1241.0	1239.5	1238.1	1236.7	1236.1	1235.5
170°	1245.7	1247.6	1249.4	1250.3	1249.6	1248.2	1246.8	1245.4	1244.0	1243.6	1243.2
172.5°	1251.2	1253.1	1254.9	1255.8	1255.1	1253.7	1252.2	1250.8	1249.4	1249.0	1248.6
175°	1254.3	1256.4	1258.4	1259.4	1258.7	1257.3	1255.8	1254.4	1253.0	1252.6	1252.2
177.5°	1255.7	1257.6	1259.4	1260.3	1259.6	1258.2	1256.7	1255.3	1253.9	1253.7	1253.5
180°	1254.9	1254.9	1254.9	1254.9	1254.9	1254.9	1254.9	1254.9	1254.9	1254.9	1254.9

TEST NUMBER: P999633

CATALOG NUMBER: SA2XXRDIP-B290D925UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
0°	638.8	638.8	638.8	638.8	638.8	638.8	638.8	638.8	638.8	638.8	638.8
2.5°	652.2	649.9	649.9	648.6	648.6	641.5	641.5	643.7	641.1	638.0	633.5
5°	669.0	664.1	662.8	661.0	655.3	646.4	642.8	641.5	636.2	629.5	622.0
7.5°	685.0	677.0	673.0	669.0	661.5	649.1	642.0	637.1	629.1	618.9	609.1
10°	700.6	690.3	680.1	675.2	664.6	649.1	638.8	630.9	619.3	605.5	591.8
12.5°	714.8	693.4	691.7	681.9	666.4	648.6	633.1	621.5	606.9	590.9	574.9
15°	727.2	705.4	694.8	685.9	665.5	643.3	626.9	612.6	593.1	574.9	555.4
17.5°	733.4	709.9	702.8	688.1	667.3	638.4	616.2	598.9	577.6	555.8	533.6
20°	739.6	712.1	700.6	690.3	661.9	629.1	604.2	584.2	560.7	535.0	510.5
22.5°	742.7	712.1	698.3	684.1	656.6	618.9	589.6	566.0	538.5	512.3	483.0
25°	737.4	709.4	693.0	678.4	647.3	606.4	572.7	546.1	516.8	487.0	457.3
27.5°	724.1	703.2	684.1	669.0	634.4	590.5	554.9	524.7	494.6	461.3	431.1
30°	699.2	689.9	674.8	657.9	620.2	576.2	534.1	503.0	469.7	436.4	404.9
32.5°	660.6	668.6	658.8	644.2	603.3	556.7	511.9	480.4	443.9	408.0	379.1
35°	613.5	642.0	636.6	626.4	585.6	535.8	491.0	452.8	416.4	380.0	351.2
37.5°	562.0	605.1	609.5	603.3	565.1	514.5	465.3	428.0	390.7	353.8	324.5
40°	491.5	557.6	571.8	574.5	543.8	488.8	437.3	400.9	364.0	328.1	292.6
42.5°	426.6	510.1	527.9	539.0	516.8	463.5	411.5	371.1	334.7	302.3	266.8
45°	365.8	452.8	481.7	495.9	486.1	434.6	380.9	343.2	309.9	280.1	245.9
47.5°	303.2	390.7	431.1	453.7	453.7	405.3	351.6	314.3	282.4	257.0	226.9
50°	261.5	334.3	376.0	405.8	413.8	375.6	325.0	288.6	258.4	230.9	207.8
52.5°	222.9	288.1	322.8	353.8	376.9	343.6	295.2	262.4	232.6	206.9	188.7
55°	192.7	241.5	273.0	307.2	333.0	311.2	266.4	234.4	208.7	187.3	171.8
57.5°	163.8	206.4	232.2	262.4	289.9	273.5	237.5	210.0	187.3	168.7	154.9
60°	139.4	174.0	194.0	217.5	251.7	240.2	210.4	185.1	166.9	150.1	138.5
62.5°	118.5	146.1	162.9	179.8	210.9	205.5	182.5	162.9	147.4	133.2	123.4
65°	97.2	119.9	133.2	147.8	172.7	174.9	156.3	142.5	128.3	115.9	107.0
67.5°	78.6	96.3	108.3	120.8	140.7	146.9	134.1	122.5	110.5	100.3	92.3
70°	63.5	75.9	84.8	94.6	111.0	118.5	111.9	103.9	94.1	85.7	78.6
72.5°	50.2	58.2	63.5	71.0	84.4	91.9	91.5	84.4	77.2	71.5	65.7
75°	36.8	43.1	47.5	52.4	63.0	70.1	71.9	68.8	61.7	57.3	52.8
77.5°	28.0	31.5	33.7	37.3	44.8	51.1	53.7	52.8	47.9	44.4	41.3
80°	21.3	22.2	23.1	24.4	30.6	36.4	38.2	37.7	35.1	33.7	30.2
82.5°	15.1	15.5	16.0	16.4	18.6	23.5	25.3	26.2	24.0	22.6	19.5
85°	8.9	9.3	9.3	10.2	10.7	12.0	15.1	15.1	14.7	12.9	12.4
87.5°	4.4	4.4	4.0	4.0	4.4	4.9	5.8	6.7	5.8	5.3	4.9
90°	13.3	11.7	10.9	9.8	7.6	5.3	3.1	0.9	3.1	5.3	7.6
92.5°	20.0	19.4	19.1	19.5	20.3	21.1	21.9	22.7	21.9	21.1	20.3
95°	31.2	29.8	29.1	32.4	39.1	45.7	52.4	59.0	52.4	45.7	39.1
97.5°	36.6	33.4	31.8	40.1	56.6	73.1	89.7	106.2	89.7	73.1	56.6
100°	41.5	38.0	36.3	50.1	77.8	105.4	133.1	160.7	133.1	105.4	77.8
102.5°	163.7	200.4	218.8	219.0	219.4	219.8	220.2	220.6	220.2	219.8	219.4
105°	220.7	275.8	303.3	300.3	294.2	288.1	282.1	276.0	282.1	288.1	294.2
107.5°	261.2	329.2	363.2	360.7	355.6	350.6	345.5	340.5	345.5	350.6	355.6
110°	333.8	392.1	421.3	419.2	414.9	410.7	406.4	402.2	406.4	410.7	414.9

TEST NUMBER: P999633

CATALOG NUMBER: SA2XXRDIP-B290D925UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
112.5°	471.6	475.0	476.7	474.9	471.3	467.6	464.0	460.4	464.0	467.6	471.3
115°	545.1	540.0	537.5	535.8	532.4	528.9	525.5	522.1	525.5	528.9	532.4
117.5°	599.0	595.5	593.8	591.8	587.8	583.7	579.7	575.7	579.7	583.7	587.8
120°	654.7	651.0	649.2	647.7	644.7	641.6	638.6	635.6	638.6	641.6	644.7
122.5°	707.0	703.0	701.0	699.4	696.1	692.9	689.6	686.4	689.6	692.9	696.1
125°	755.8	751.9	750.0	748.7	746.1	743.4	740.8	738.2	740.8	743.4	746.1
127.5°	802.7	799.6	798.1	796.7	793.9	791.0	788.2	785.4	788.2	791.0	793.9
130°	847.7	845.5	844.4	842.8	839.6	836.3	833.1	829.9	833.1	836.3	839.6
132.5°	890.4	888.2	887.1	885.8	883.2	880.5	877.9	875.3	877.9	880.5	883.2
135°	930.7	928.9	928.0	926.4	923.1	919.9	916.6	913.4	916.6	919.9	923.1
137.5°	967.3	965.3	964.3	963.1	960.7	958.2	955.8	953.4	955.8	958.2	960.7
140°	1003.0	1000.8	999.7	998.9	997.3	995.6	994.0	992.4	994.0	995.6	997.3
142.5°	1035.4	1032.8	1031.5	1030.8	1029.4	1027.9	1026.5	1025.1	1026.5	1027.9	1029.4
145°	1063.9	1060.4	1058.7	1058.8	1059.0	1059.2	1059.4	1059.6	1059.4	1059.2	1059.0
147.5°	1092.0	1088.6	1086.9	1087.2	1087.8	1088.4	1089.0	1089.6	1089.0	1088.4	1087.8
150°	1117.1	1113.9	1112.3	1113.0	1114.4	1115.9	1117.3	1118.7	1117.3	1115.9	1114.4
152.5°	1140.4	1137.4	1135.9	1136.7	1138.3	1140.0	1141.6	1143.2	1141.6	1140.0	1138.3
155°	1162.2	1159.8	1158.6	1159.5	1161.3	1163.2	1165.0	1166.8	1165.0	1163.2	1161.3
157.5°	1181.3	1179.5	1178.6	1179.4	1181.0	1182.6	1184.2	1185.8	1184.2	1182.6	1181.0
160°	1198.5	1197.3	1196.7	1197.3	1198.5	1199.8	1201.0	1202.2	1201.0	1199.8	1198.5
162.5°	1212.8	1211.8	1211.3	1211.9	1213.1	1214.3	1215.5	1216.7	1215.5	1214.3	1213.1
165°	1224.9	1224.3	1224.0	1224.6	1225.8	1227.0	1228.2	1229.4	1228.2	1227.0	1225.8
167.5°	1234.9	1234.3	1234.0	1234.6	1235.8	1237.0	1238.2	1239.4	1238.2	1237.0	1235.8
170°	1242.7	1242.3	1242.1	1242.7	1243.9	1245.2	1246.4	1247.6	1246.4	1245.2	1243.9
172.5°	1248.2	1247.8	1247.6	1248.2	1249.4	1250.6	1251.8	1253.0	1251.8	1250.6	1249.4
175°	1251.8	1251.4	1251.2	1251.9	1253.3	1254.8	1256.2	1257.6	1256.2	1254.8	1253.3
177.5°	1253.3	1253.1	1253.0	1253.7	1255.1	1256.6	1258.0	1259.4	1258.0	1256.6	1255.1
180°	1254.9	1254.9	1254.9	1254.9	1254.9	1254.9	1254.9	1254.9	1254.9	1254.9	1254.9

TEST NUMBER: P999633

CATALOG NUMBER: SA2XXRDIP-B290D925UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
0°	638.8	638.8	638.8	638.8	638.8	638.8	638.8	638.8	638.8	638.8	638.8
2.5°	631.7	632.2	633.5	629.5	623.3	620.6	612.6	611.3	610.0	610.0	611.3
5°	617.5	615.8	616.2	608.7	599.8	594.4	583.3	585.1	579.4	575.8	576.7
7.5°	602.0	597.1	596.7	586.9	575.8	566.0	554.5	551.8	546.5	540.3	537.6
10°	582.5	578.9	572.3	561.2	546.9	539.0	523.4	514.1	512.8	503.4	499.9
12.5°	562.5	556.3	549.6	534.1	518.1	505.2	493.7	483.5	476.4	468.4	463.0
15°	539.4	531.9	524.3	507.9	489.2	476.4	459.0	443.9	423.1	406.7	397.3
17.5°	514.1	505.7	495.4	477.2	459.0	441.3	409.3	391.6	376.9	367.1	361.4
20°	487.9	478.6	468.4	450.2	418.6	387.6	369.8	356.0	347.2	337.4	330.3
22.5°	460.4	450.6	439.5	411.1	377.8	356.0	342.3	329.4	316.5	311.2	307.7
25°	434.6	425.7	411.5	372.9	346.7	326.7	311.2	302.8	296.1	289.0	282.4
27.5°	408.0	391.6	371.6	339.2	322.8	302.3	291.2	285.0	273.5	268.6	265.5
30°	376.0	357.8	338.7	315.6	296.6	282.4	272.1	261.9	255.3	250.4	245.1
32.5°	343.6	326.3	314.3	290.3	276.1	261.5	251.7	245.5	235.7	232.6	230.4
35°	315.6	301.0	290.3	270.8	257.5	244.2	237.1	227.7	221.5	215.8	212.2
37.5°	288.1	280.1	269.0	252.6	238.4	227.7	218.0	214.9	206.4	203.3	199.8
40°	269.0	257.0	247.7	233.5	221.5	210.0	203.8	196.7	190.9	186.0	184.7
42.5°	245.9	237.1	231.7	216.2	203.8	197.1	189.6	181.6	177.1	173.1	168.3
45°	228.6	220.6	213.1	200.7	189.6	181.1	174.5	169.1	161.6	159.8	152.3
47.5°	210.4	202.4	196.7	184.2	174.0	166.0	161.2	154.1	147.8	143.8	140.3
50°	192.2	185.6	180.2	169.6	160.7	152.3	145.6	138.5	135.8	129.2	127.0
52.5°	174.9	170.5	164.7	154.5	145.6	138.5	131.4	125.6	121.6	118.1	115.4
55°	160.3	153.2	150.5	139.4	131.9	124.3	118.1	114.5	109.7	107.4	105.2
57.5°	143.8	139.8	135.4	127.0	118.5	111.4	107.0	101.7	99.0	96.3	94.6
60°	129.6	123.9	120.3	113.2	105.7	99.0	95.0	91.0	87.5	85.2	81.7
62.5°	113.2	108.8	106.5	99.0	92.8	86.6	83.0	79.0	76.4	72.4	67.9
65°	99.0	95.4	92.8	86.6	80.8	75.0	71.5	66.6	63.0	60.8	60.4
67.5°	86.6	83.9	79.9	74.1	68.4	63.9	59.9	55.9	55.5	54.6	54.6
70°	72.8	70.1	67.9	61.7	56.8	51.9	51.1	49.7	48.4	47.9	47.1
72.5°	60.8	58.6	55.9	50.6	45.7	44.4	43.5	42.6	41.3	40.8	40.4
75°	49.3	46.2	44.4	39.5	38.2	37.3	36.4	35.1	34.2	33.7	32.9
77.5°	37.7	34.6	34.6	32.0	31.1	29.7	28.9	28.0	27.5	26.6	26.6
80°	26.6	26.6	25.7	24.4	23.1	22.6	21.3	20.9	20.4	20.9	20.0
82.5°	19.5	17.8	17.8	16.9	16.0	15.5	14.7	14.7	14.2	14.2	14.2
85°	11.1	11.1	10.7	9.8	9.3	9.3	8.9	8.9	8.4	8.4	8.0
87.5°	4.4	4.0	4.4	4.0	4.0	3.6	3.6	3.6	3.1	3.6	3.1
90°	9.8	10.9	11.7	13.3	15.0	16.6	18.2	19.2	20.2	21.2	22.2
92.5°	19.5	19.1	19.4	20.0	20.6	21.2	21.8	22.2	22.6	23.0	23.4
95°	32.4	29.1	29.8	31.2	32.6	34.0	35.4	36.4	37.4	38.5	39.5
97.5°	40.1	31.8	33.4	36.6	39.9	43.1	46.3	46.9	47.5	48.1	48.7
100°	50.1	36.3	38.0	41.5	44.9	48.4	51.8	53.4	55.0	56.6	58.2
102.5°	219.0	218.8	200.4	163.7	127.0	90.3	53.6	55.8	58.0	60.3	62.5
105°	300.3	303.3	275.8	220.7	165.6	110.5	55.4	57.6	59.8	62.1	64.3
107.5°	360.7	363.2	329.2	261.2	193.2	125.2	57.2	59.4	61.6	63.9	66.1
110°	419.2	421.3	392.1	333.8	275.5	217.2	158.9	138.7	118.5	98.4	78.2

TEST NUMBER: P999633

CATALOG NUMBER: SA2XXRDIP-B290D925UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
112.5°	474.9	476.7	475.0	471.6	468.1	464.7	461.3	374.3	287.3	200.4	113.4
115°	535.8	537.5	540.0	545.1	550.1	555.2	560.2	466.8	373.4	279.9	186.5
117.5°	591.8	593.8	595.5	599.0	602.4	605.9	609.3	580.4	551.6	522.7	493.8
120°	647.7	649.2	651.0	654.7	658.3	662.0	665.6	668.0	670.4	672.9	675.3
122.5°	699.4	701.0	703.0	707.0	711.1	715.1	719.1	720.3	721.5	722.8	724.0
125°	748.7	750.0	751.9	755.8	759.6	763.5	767.3	768.7	770.1	771.5	772.9
127.5°	796.7	798.1	799.6	802.7	805.7	808.8	811.8	813.8	815.8	817.8	819.8
130°	842.8	844.4	845.5	847.7	850.0	852.2	854.4	856.6	858.8	861.1	863.3
132.5°	885.8	887.1	888.2	890.4	892.7	894.9	897.1	898.9	900.7	902.6	904.4
135°	926.4	928.0	928.9	930.7	932.5	934.3	936.1	938.1	940.1	942.2	944.2
137.5°	963.1	964.3	965.3	967.3	969.4	971.4	973.4	975.4	977.4	979.5	981.5
140°	998.9	999.7	1000.8	1003.0	1005.3	1007.5	1009.7	1011.5	1013.3	1015.2	1017.0
142.5°	1030.8	1031.5	1032.8	1035.4	1038.1	1040.7	1043.3	1044.9	1046.5	1048.2	1049.8
145°	1058.8	1058.7	1060.4	1063.9	1067.3	1070.8	1074.2	1075.6	1077.0	1078.4	1079.8
147.5°	1087.2	1086.9	1088.6	1092.0	1095.5	1098.9	1102.3	1103.3	1104.3	1105.4	1106.4
150°	1113.0	1112.3	1113.9	1117.1	1120.4	1123.6	1126.8	1128.0	1129.2	1130.5	1131.7
152.5°	1136.7	1135.9	1137.4	1140.4	1143.5	1146.5	1149.5	1150.7	1151.9	1153.2	1154.4
155°	1159.5	1158.6	1159.8	1162.2	1164.7	1167.1	1169.5	1170.7	1171.9	1173.2	1174.4
157.5°	1179.4	1178.6	1179.5	1181.3	1183.2	1185.0	1186.8	1188.2	1189.6	1191.0	1192.4
160°	1197.3	1196.7	1197.3	1198.5	1199.8	1201.0	1202.2	1203.4	1204.6	1205.8	1207.0
162.5°	1211.9	1211.3	1211.8	1212.8	1213.8	1214.8	1215.8	1217.2	1218.6	1220.1	1221.5
165°	1224.6	1224.0	1224.3	1224.9	1225.5	1226.1	1226.7	1228.1	1229.5	1231.0	1232.4
167.5°	1234.6	1234.0	1234.3	1234.9	1235.5	1236.1	1236.7	1238.1	1239.5	1241.0	1242.4
170°	1242.7	1242.1	1242.3	1242.7	1243.2	1243.6	1244.0	1245.4	1246.8	1248.2	1249.6
172.5°	1248.2	1247.6	1247.8	1248.2	1248.6	1249.0	1249.4	1250.8	1252.2	1253.7	1255.1
175°	1251.9	1251.2	1251.4	1251.8	1252.2	1252.6	1253.0	1254.4	1255.8	1257.3	1258.7
177.5°	1253.7	1253.0	1253.1	1253.3	1253.5	1253.7	1253.9	1255.3	1256.7	1258.2	1259.6
180°	1254.9	1254.9	1254.9	1254.9	1254.9	1254.9	1254.9	1254.9	1254.9	1254.9	1254.9

TEST NUMBER: P999633

CATALOG NUMBER: SA2XXRDIP-B290D925UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
0°	638.8	638.8	638.8	638.8	638.8	638.8	638.8	638.8	638.8	638.8	638.8
2.5°	611.3	610.4	607.8	608.7	607.3	607.3	606.4	606.4	606.4	608.7	607.3
5°	578.0	574.9	571.8	570.5	569.1	567.8	567.8	567.4	571.4	570.5	574.0
7.5°	536.7	535.8	529.6	529.6	527.4	526.5	528.7	529.2	529.6	530.5	532.7
10°	499.9	497.7	488.8	489.7	488.3	486.6	487.9	487.0	490.1	491.0	490.1
12.5°	456.4	452.4	442.6	437.7	432.4	428.4	433.3	429.7	442.2	445.7	455.5
15°	398.7	391.1	384.5	384.5	379.6	376.0	378.2	382.2	384.9	388.9	390.7
17.5°	360.0	356.9	351.6	348.5	347.2	345.8	345.8	347.6	353.4	352.9	356.5
20°	327.2	325.4	322.8	318.8	317.4	316.5	316.5	316.5	320.5	324.1	326.3
22.5°	304.5	303.2	301.4	296.1	293.5	292.6	294.8	296.1	299.2	301.9	304.1
25°	281.9	278.8	275.7	273.9	272.6	272.6	273.5	273.9	275.2	276.6	279.2
27.5°	263.3	261.0	256.6	251.7	251.7	250.4	251.3	252.2	255.3	259.7	261.9
30°	242.4	242.0	240.2	238.4	236.6	235.7	237.5	238.8	239.3	241.5	241.5
32.5°	227.3	224.2	221.1	219.3	218.4	218.0	218.4	220.2	220.2	222.9	226.0
35°	212.2	210.4	207.3	204.2	203.3	201.1	202.9	204.7	207.8	209.1	210.4
37.5°	195.8	193.6	192.2	191.3	189.6	190.0	188.7	191.3	194.0	193.6	194.4
40°	183.4	179.4	175.4	174.9	174.5	174.0	174.0	174.5	176.2	178.0	180.7
42.5°	167.4	166.0	162.5	158.9	158.0	157.2	156.3	158.0	161.6	164.7	166.0
45°	150.9	149.2	148.3	145.6	143.8	143.4	142.5	144.7	147.8	149.2	150.1
47.5°	135.8	135.4	132.7	133.2	131.9	132.3	131.9	133.2	133.2	134.5	135.4
50°	125.6	124.3	123.0	122.1	120.8	120.8	120.3	120.8	122.5	124.3	123.9
52.5°	115.4	113.2	112.8	112.3	111.4	112.3	111.0	111.4	113.2	114.1	113.7
55°	103.4	103.0	102.1	101.2	100.8	100.3	100.3	100.3	102.1	103.4	103.9
57.5°	94.1	91.9	90.1	90.1	88.3	87.9	88.8	89.2	90.6	91.5	92.3
60°	81.2	80.4	77.7	76.4	73.7	73.3	73.3	75.0	77.2	80.4	81.2
62.5°	67.5	66.1	65.7	65.7	65.7	65.7	65.7	65.7	65.7	66.1	66.1
65°	59.9	60.4	59.9	59.5	59.9	59.9	59.5	59.5	59.5	59.9	60.4
67.5°	53.7	53.3	53.7	53.3	52.8	52.8	52.4	52.8	53.3	53.7	53.7
70°	46.6	46.6	46.2	46.6	46.2	45.7	45.3	45.3	46.2	46.6	46.6
72.5°	40.0	40.0	39.5	39.5	38.6	38.6	39.1	38.6	38.6	40.0	40.0
75°	33.3	32.9	32.4	32.4	32.0	32.0	32.0	31.5	32.4	32.4	32.9
77.5°	26.2	26.2	26.2	25.7	25.7	25.3	25.3	25.7	25.7	25.7	26.2
80°	20.0	20.0	20.0	19.5	19.1	19.1	19.1	19.1	19.1	19.5	19.1
82.5°	13.8	13.8	13.8	13.8	13.8	13.3	13.3	13.3	13.8	13.8	13.3
85°	8.4	8.0	8.4	8.4	8.0	8.4	8.0	8.0	7.5	7.5	8.0
87.5°	3.6	3.1	2.7	2.7	3.1	2.7	2.7	2.7	3.1	2.7	2.7
90°	22.7	22.9	23.3	23.7	24.1	24.5	24.1	23.7	23.3	22.9	22.7
92.5°	23.6	23.7	23.9	24.1	24.3	24.5	24.3	24.1	23.9	23.7	23.6
95°	40.0	39.9	39.7	39.4	39.2	39.0	39.2	39.4	39.7	39.9	40.0
97.5°	49.0	49.1	49.3	49.5	49.7	49.9	49.7	49.5	49.3	49.1	49.0
100°	59.0	59.2	59.6	60.0	60.4	60.8	60.4	60.0	59.6	59.2	59.0
102.5°	63.6	63.9	64.5	65.1	65.7	66.3	65.7	65.1	64.5	63.9	63.6
105°	65.4	65.8	66.6	67.4	68.2	69.0	68.2	67.4	66.6	65.8	65.4
107.5°	67.2	67.6	68.4	69.2	70.0	70.8	70.0	69.2	68.4	67.6	67.2
110°	68.1	68.5	69.3	70.1	70.9	71.7	70.9	70.1	69.3	68.5	68.1

TEST NUMBER: P999633

CATALOG NUMBER: SA2XXRDIP-B290D925UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
112.5°	69.9	70.2	70.8	71.4	72.0	72.6	72.0	71.4	70.8	70.2	69.9
115°	139.8	132.5	118.0	103.5	89.0	74.5	89.0	103.5	118.0	132.5	139.8
117.5°	479.4	453.0	400.1	347.2	294.4	241.5	294.4	347.2	400.1	453.0	479.4
120°	676.5	662.9	635.6	608.4	581.1	553.9	581.1	608.4	635.6	662.9	676.5
122.5°	724.6	724.7	724.9	725.1	725.3	725.5	725.3	725.1	724.9	724.7	724.6
125°	773.6	773.9	774.5	775.1	775.7	776.3	775.7	775.1	774.5	773.9	773.6
127.5°	820.8	820.9	821.1	821.3	821.5	821.7	821.5	821.3	821.1	820.9	820.8
130°	864.4	864.3	864.1	863.9	863.7	863.5	863.7	863.9	864.1	864.3	864.4
132.5°	905.3	905.2	905.0	904.8	904.6	904.4	904.6	904.8	905.0	905.2	905.3
135°	945.2	945.0	944.6	944.2	943.8	943.4	943.8	944.2	944.6	945.0	945.2
137.5°	982.5	982.2	981.6	980.9	980.3	979.7	980.3	980.9	981.6	982.2	982.5
140°	1017.9	1017.4	1016.4	1015.3	1014.3	1013.3	1014.3	1015.3	1016.4	1017.4	1017.9
142.5°	1050.6	1050.1	1049.1	1048.0	1047.0	1046.0	1047.0	1048.0	1049.1	1050.1	1050.6
145°	1080.5	1080.0	1079.0	1078.0	1077.0	1076.0	1077.0	1078.0	1079.0	1080.0	1080.5
147.5°	1106.9	1106.5	1105.7	1104.8	1104.0	1103.2	1104.0	1104.8	1105.7	1106.5	1106.9
150°	1132.3	1131.8	1130.8	1129.7	1128.7	1127.7	1128.7	1129.7	1130.8	1131.8	1132.3
152.5°	1155.0	1154.3	1152.9	1151.4	1150.0	1148.6	1150.0	1151.4	1152.9	1154.3	1155.0
155°	1175.0	1174.2	1172.6	1170.9	1169.3	1167.7	1169.3	1170.9	1172.6	1174.2	1175.0
157.5°	1193.1	1192.3	1190.7	1189.0	1187.4	1185.8	1187.4	1189.0	1190.7	1192.3	1193.1
160°	1207.6	1206.9	1205.5	1204.1	1202.7	1201.3	1202.7	1204.1	1205.5	1206.9	1207.6
162.5°	1222.2	1221.3	1219.5	1217.6	1215.8	1214.0	1215.8	1217.6	1219.5	1221.3	1222.2
165°	1233.1	1232.4	1231.0	1229.5	1228.1	1226.7	1228.1	1229.5	1231.0	1232.4	1233.1
167.5°	1243.1	1242.2	1240.4	1238.5	1236.7	1234.9	1236.7	1238.5	1240.4	1242.2	1243.1
170°	1250.3	1249.4	1247.6	1245.7	1243.9	1242.1	1243.9	1245.7	1247.6	1249.4	1250.3
172.5°	1255.8	1254.9	1253.1	1251.2	1249.4	1247.6	1249.4	1251.2	1253.1	1254.9	1255.8
175°	1259.4	1258.4	1256.4	1254.3	1252.3	1250.3	1252.3	1254.3	1256.4	1258.4	1259.4
177.5°	1260.3	1259.4	1257.6	1255.7	1253.9	1252.1	1253.9	1255.7	1257.6	1259.4	1260.3
180°	1254.9	1254.9	1254.9	1254.9	1254.9	1254.9	1254.9	1254.9	1254.9	1254.9	1254.9

TEST NUMBER: P999633

CATALOG NUMBER: SA2XXRDIP-B290D925UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
0°	638.8	638.8	638.8	638.8	638.8	638.8	638.8	638.8	638.8	638.8	638.8
2.5°	608.7	610.9	610.0	605.1	610.0	611.3	614.0	616.6	618.4	621.1	623.3
5°	570.5	574.9	577.6	574.9	583.8	585.1	591.3	594.9	600.2	604.7	608.2
7.5°	534.5	538.1	543.4	544.3	549.6	555.8	564.7	573.6	582.0	586.5	590.5
10°	495.9	502.1	510.1	508.3	516.3	526.1	535.4	549.6	556.7	564.7	571.8
12.5°	457.3	461.3	471.9	475.5	487.0	494.6	507.4	516.3	534.1	543.4	549.6
15°	389.8	406.2	419.5	435.5	450.6	464.8	476.4	492.3	507.9	515.0	525.2
17.5°	359.2	366.7	374.7	382.7	402.2	427.5	447.9	465.3	478.6	487.9	499.9
20°	327.2	334.7	343.6	351.2	363.2	381.4	406.7	436.4	452.4	462.2	473.7
22.5°	304.5	311.7	317.4	324.1	333.4	346.7	365.8	402.7	424.0	436.0	446.2
25°	280.1	289.0	295.2	300.1	307.7	322.3	337.8	358.7	396.9	406.2	420.4
27.5°	263.3	265.9	273.0	280.6	288.1	296.1	312.1	329.9	355.6	376.0	393.3
30°	243.3	249.9	256.6	259.7	266.4	277.9	287.7	306.8	326.7	342.7	363.6
32.5°	228.2	232.2	236.6	244.2	250.4	258.4	268.1	284.1	301.0	311.2	327.2
35°	211.3	214.0	223.3	226.4	232.6	240.6	250.4	262.8	281.0	289.0	300.6
37.5°	195.3	201.6	204.2	211.3	217.1	225.1	232.2	246.4	258.4	267.7	278.4
40°	182.9	185.6	190.5	196.7	201.6	207.8	216.6	226.9	239.7	247.3	256.6
42.5°	167.8	170.0	176.2	179.8	187.8	193.6	198.9	211.3	222.9	228.6	238.0
45°	151.4	156.7	160.7	167.8	172.3	179.4	186.0	194.9	205.5	212.2	217.5
47.5°	137.2	142.5	146.5	153.2	160.3	163.4	170.5	179.8	189.6	194.9	202.4
50°	125.6	127.4	135.0	138.1	145.6	151.8	156.7	164.7	175.4	178.5	184.7
52.5°	114.5	115.9	120.8	124.7	131.4	136.7	143.0	150.5	159.4	164.3	169.1
55°	104.8	105.7	107.9	112.3	116.8	123.4	129.2	136.3	143.8	149.2	153.6
57.5°	93.7	95.4	97.2	99.9	104.3	110.5	116.8	123.4	129.6	133.2	139.0
60°	80.8	83.5	86.6	89.7	92.8	97.2	104.3	110.5	116.3	119.4	123.9
62.5°	67.0	72.4	75.0	78.6	81.2	85.2	90.6	97.7	101.7	105.7	109.2
65°	60.4	60.8	61.3	64.8	69.7	73.7	78.6	83.9	90.1	92.8	95.4
67.5°	53.7	54.2	55.0	55.5	57.3	61.7	67.0	72.8	77.7	79.5	82.1
70°	47.1	47.1	48.8	49.3	49.7	50.2	54.6	60.4	64.8	67.0	70.1
72.5°	40.0	40.4	41.3	41.7	42.6	43.5	44.8	47.9	53.3	55.5	59.0
75°	32.9	33.3	33.7	34.2	35.5	36.0	37.3	39.1	41.3	44.0	46.2
77.5°	26.2	26.2	26.6	27.5	28.4	28.9	30.2	31.1	32.0	33.3	35.1
80°	19.5	20.0	20.0	20.9	20.9	21.3	21.8	23.1	24.0	24.9	25.7
82.5°	13.3	14.2	14.2	14.2	14.7	15.1	15.5	15.5	16.4	16.9	18.2
85°	8.0	8.4	8.4	8.4	8.0	8.9	8.9	9.3	9.3	9.3	9.8
87.5°	3.1	2.7	3.1	3.1	3.1	3.6	3.1	3.1	3.6	4.0	4.0
90°	22.2	21.2	20.2	19.2	18.2	16.6	15.0	13.3	11.7	10.9	9.8
92.5°	23.4	23.0	22.6	22.2	21.8	21.2	20.6	20.0	19.4	19.1	19.5
95°	39.5	38.5	37.4	36.4	35.4	34.0	32.6	31.2	29.8	29.1	32.4
97.5°	48.7	48.1	47.5	46.9	46.3	43.1	39.9	36.6	33.4	31.8	40.1
100°	58.2	56.6	55.0	53.4	51.8	48.4	44.9	41.5	38.0	36.3	50.1
102.5°	62.5	60.3	58.0	55.8	53.6	90.3	127.0	163.7	200.4	218.8	219.0
105°	64.3	62.1	59.8	57.6	55.4	110.5	165.6	220.7	275.8	303.3	300.3
107.5°	66.1	63.9	61.6	59.4	57.2	125.2	193.2	261.2	329.2	363.2	360.7
110°	78.2	98.4	118.5	138.7	158.9	217.2	275.5	333.8	392.1	421.3	419.2

TEST NUMBER: P999633

CATALOG NUMBER: SA2XXRDIP-B290D925UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
112.5°	113.4	200.4	287.3	374.3	461.3	464.7	468.1	471.6	475.0	476.7	474.9
115°	186.5	279.9	373.4	466.8	560.2	555.2	550.1	545.1	540.0	537.5	535.8
117.5°	493.8	522.7	551.6	580.4	609.3	605.9	602.4	599.0	595.5	593.8	591.8
120°	675.3	672.9	670.4	668.0	665.6	662.0	658.3	654.7	651.0	649.2	647.7
122.5°	724.0	722.8	721.5	720.3	719.1	715.1	711.1	707.0	703.0	701.0	699.4
125°	772.9	771.5	770.1	768.7	767.3	763.5	759.6	755.8	751.9	750.0	748.7
127.5°	819.8	817.8	815.8	813.8	811.8	808.8	805.7	802.7	799.6	798.1	796.7
130°	863.3	861.1	858.8	856.6	854.4	852.2	850.0	847.7	845.5	844.4	842.8
132.5°	904.4	902.6	900.7	898.9	897.1	894.9	892.7	890.4	888.2	887.1	885.8
135°	944.2	942.2	940.1	938.1	936.1	934.3	932.5	930.7	928.9	928.0	926.4
137.5°	981.5	979.5	977.4	975.4	973.4	971.4	969.4	967.3	965.3	964.3	963.1
140°	1017.0	1015.2	1013.3	1011.5	1009.7	1007.5	1005.3	1003.0	1000.8	999.7	998.9
142.5°	1049.8	1048.2	1046.5	1044.9	1043.3	1040.7	1038.1	1035.4	1032.8	1031.5	1030.8
145°	1079.8	1078.4	1077.0	1075.6	1074.2	1070.8	1067.3	1063.9	1060.4	1058.7	1058.8
147.5°	1106.4	1105.4	1104.3	1103.3	1102.3	1098.9	1095.5	1092.0	1088.6	1086.9	1087.2
150°	1131.7	1130.5	1129.2	1128.0	1126.8	1123.6	1120.4	1117.1	1113.9	1112.3	1113.0
152.5°	1154.4	1153.2	1151.9	1150.7	1149.5	1146.5	1143.5	1140.4	1137.4	1135.9	1136.7
155°	1174.4	1173.2	1171.9	1170.7	1169.5	1167.1	1164.7	1162.2	1159.8	1158.6	1159.5
157.5°	1192.4	1191.0	1189.6	1188.2	1186.8	1185.0	1183.2	1181.3	1179.5	1178.6	1179.4
160°	1207.0	1205.8	1204.6	1203.4	1202.2	1201.0	1199.8	1198.5	1197.3	1196.7	1197.3
162.5°	1221.5	1220.1	1218.6	1217.2	1215.8	1214.8	1213.8	1212.8	1211.8	1211.3	1211.9
165°	1232.4	1231.0	1229.5	1228.1	1226.7	1226.1	1225.5	1224.9	1224.3	1224.0	1224.6
167.5°	1242.4	1241.0	1239.5	1238.1	1236.7	1236.1	1235.5	1234.9	1234.3	1234.0	1234.6
170°	1249.6	1248.2	1246.8	1245.4	1244.0	1243.6	1243.2	1242.7	1242.3	1242.1	1242.7
172.5°	1255.1	1253.7	1252.2	1250.8	1249.4	1249.0	1248.6	1248.2	1247.8	1247.6	1248.2
175°	1258.7	1257.3	1255.8	1254.4	1253.0	1252.6	1252.2	1251.8	1251.4	1251.2	1251.9
177.5°	1259.6	1258.2	1256.7	1255.3	1253.9	1253.7	1253.5	1253.3	1253.1	1253.0	1253.7
180°	1254.9	1254.9	1254.9	1254.9	1254.9	1254.9	1254.9	1254.9	1254.9	1254.9	1254.9

TEST NUMBER: P999633

CATALOG NUMBER: SA2XXRDIP-B290D925UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
0°	638.8	638.8	638.8	638.8
2.5°	627.3	626.0	634.0	642.8
5°	614.4	616.6	626.9	639.3
7.5°	601.1	606.0	618.0	634.4
10°	582.5	591.3	609.5	626.4
12.5°	564.3	576.2	593.6	613.5
15°	543.8	557.2	578.5	602.4
17.5°	521.2	536.3	561.2	587.3
20°	497.2	517.2	543.4	571.8
22.5°	470.6	494.6	521.6	553.2
25°	444.8	471.0	498.1	534.5
27.5°	419.5	445.3	475.5	512.3
30°	394.2	417.8	450.2	489.7
32.5°	367.1	391.6	425.7	466.1
35°	342.3	366.7	398.7	438.6
37.5°	315.6	341.8	372.5	413.8
40°	284.6	315.2	344.9	384.5
42.5°	258.8	291.2	320.1	357.4
45°	238.4	269.0	293.0	329.4
47.5°	219.3	244.2	268.6	302.3
50°	201.1	220.2	245.5	275.7
52.5°	182.5	198.9	220.6	249.1
55°	165.6	181.1	200.7	222.4
57.5°	150.1	161.2	180.7	200.2
60°	132.7	144.3	159.4	175.8
62.5°	118.1	127.0	141.2	154.9
65°	102.6	111.0	121.6	134.5
67.5°	88.3	95.9	104.3	114.5
70°	75.5	81.2	87.5	96.3
72.5°	61.7	67.9	73.7	80.8
75°	50.6	53.3	58.2	63.0
77.5°	39.1	42.6	45.3	49.3
80°	28.0	31.1	32.0	35.1
82.5°	18.6	20.4	22.2	23.1
85°	10.7	11.5	13.3	13.8
87.5°	4.0	4.4	5.3	6.2
90°	7.6	5.3	3.1	0.9
92.5°	20.3	21.1	21.9	22.7
95°	39.1	45.7	52.4	59.0
97.5°	56.6	73.1	89.7	106.2
100°	77.8	105.4	133.1	160.7
102.5°	219.4	219.8	220.2	220.6
105°	294.2	288.1	282.1	276.0
107.5°	355.6	350.6	345.5	340.5
110°	414.9	410.7	406.4	402.2

TEST NUMBER: P999633

CATALOG NUMBER: SA2XXRDIP-B290D925UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
112.5°	471.3	467.6	464.0	460.4
115°	532.4	528.9	525.5	522.1
117.5°	587.8	583.7	579.7	575.7
120°	644.7	641.6	638.6	635.6
122.5°	696.1	692.9	689.6	686.4
125°	746.1	743.4	740.8	738.2
127.5°	793.9	791.0	788.2	785.4
130°	839.6	836.3	833.1	829.9
132.5°	883.2	880.5	877.9	875.3
135°	923.1	919.9	916.6	913.4
137.5°	960.7	958.2	955.8	953.4
140°	997.3	995.6	994.0	992.4
142.5°	1029.4	1027.9	1026.5	1025.1
145°	1059.0	1059.2	1059.4	1059.6
147.5°	1087.8	1088.4	1089.0	1089.6
150°	1114.4	1115.9	1117.3	1118.7
152.5°	1138.3	1140.0	1141.6	1143.2
155°	1161.3	1163.2	1165.0	1166.8
157.5°	1181.0	1182.6	1184.2	1185.8
160°	1198.5	1199.8	1201.0	1202.2
162.5°	1213.1	1214.3	1215.5	1216.7
165°	1225.8	1227.0	1228.2	1229.4
167.5°	1235.8	1237.0	1238.2	1239.4
170°	1243.9	1245.2	1246.4	1247.6
172.5°	1249.4	1250.6	1251.8	1253.0
175°	1253.3	1254.8	1256.2	1257.6
177.5°	1255.1	1256.6	1258.0	1259.4
180°	1254.9	1254.9	1254.9	1254.9

(END OF REPORT)