

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: P999437

Luminaire Tested: SA2XXRDIP-B1005D925UB2750-4F0-XX-W2A-A_5000K

Issue Date: 5/7/2025

Test Information

Test Method: LM-79-2019
Report Number: P999437
REPORT IS A COMBINATION OF REPORTS P987988 AND P1007351
Test Lab: INNOVATION CENTER
Issue Date: 5/7/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: NEO-RAY
Catalog Number: SA2XXRDIP-B1005D925UB2750-4F0-XX-W2A-A_5000K
Description: Define 2 Regressed Direct/Indirect Pendant with 5000K BioUP LEDs {m-DER=1.015}
{m-EER=1.115}
Light Source: -
Ballast/Driver: -

Summary

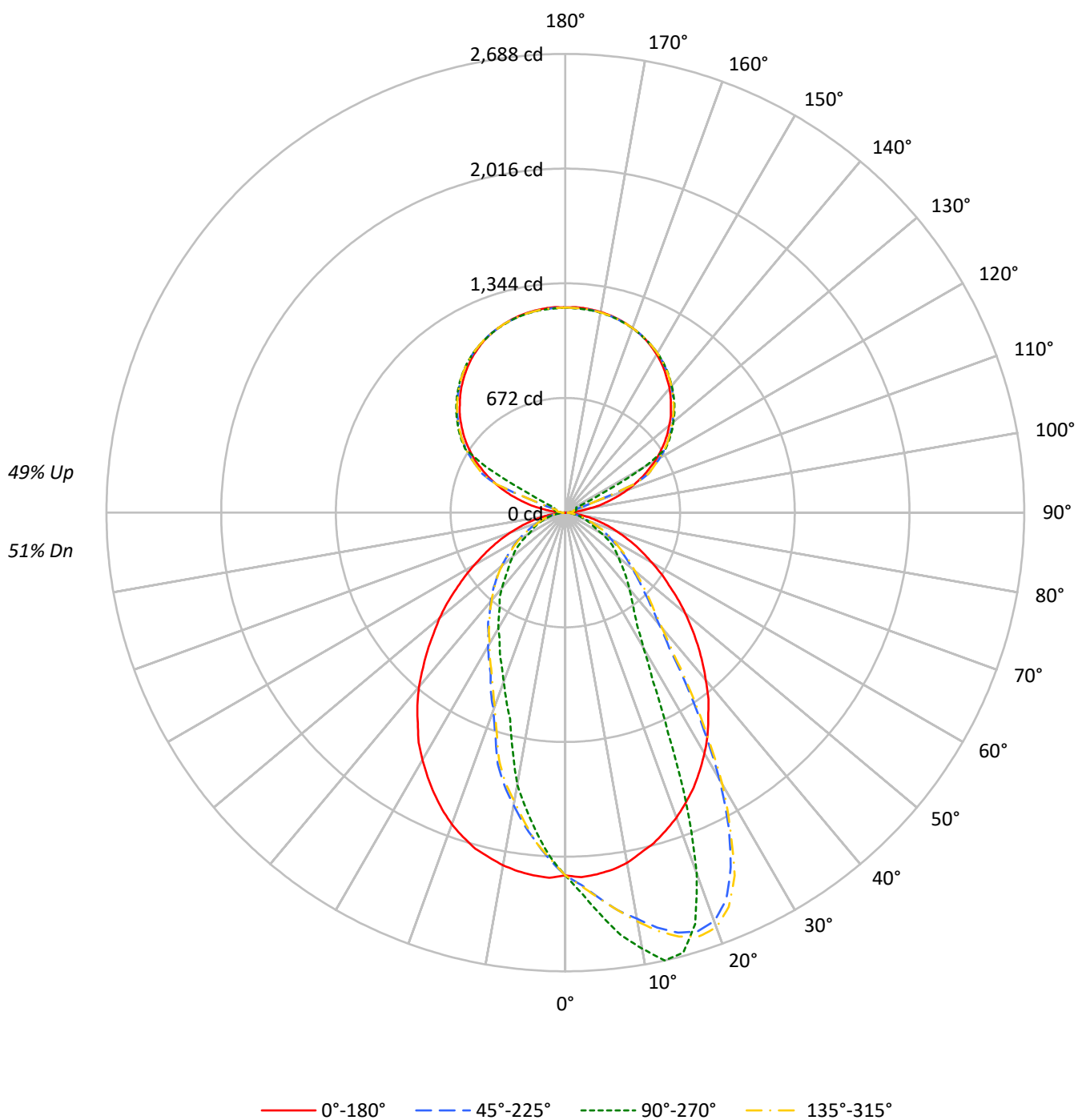
Lumens per Lamp: N/A
Luminaire Lumens: 7197.0 lumens
Efficiency: N/A
Efficacy: 80.1 lumens/watt
Spacing Criteria (0/90/45): 1.16 / 0.85 / 1.01
Luminous Opening: Rectangular w/ Sides (W: 0.17' x L: 4' x H: 0.1')
CIE Type: General Diffuse

Input Watts (W): 89.8
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: P999437

CATALOG NUMBER: SA2XXRDIP-B1005D925UB2750-4F0-XX-W2A-A_5000K

Luminous Intensity Polar Plot



TEST NUMBER: P999437

CATALOG NUMBER: SA2XXRDIP-B1005D925UB2750-4F0-XX-W2A-A_5000K

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	50	30	10
RCR																				
0	107	107	107	107	99	99	99	99	84	84	84	70	70	70	57	57	57	57	57	57
1	99	95	91	88	91	88	85	82	75	73	71	63	61	60	52	51	50	50	50	45
2	91	84	78	73	84	78	73	69	66	63	60	56	54	51	47	45	43	43	43	39
3	83	74	68	62	77	69	63	58	59	55	51	50	47	44	42	40	38	38	38	34
4	77	66	59	53	71	62	55	50	53	48	45	46	42	39	38	36	33	33	33	30
5	71	60	52	46	65	56	49	44	48	43	39	41	37	34	35	32	30	30	30	27
6	65	54	46	41	61	51	44	39	44	39	35	38	34	31	32	29	27	27	27	24
7	61	49	42	36	56	46	39	34	40	35	31	35	31	28	30	26	24	24	24	22
8	57	45	37	32	53	42	35	31	37	32	28	32	28	25	27	24	22	22	22	20
9	53	41	34	29	49	39	32	28	34	29	25	30	26	23	26	22	20	20	20	18
10	50	38	31	26	46	36	30	25	32	27	23	28	24	21	24	21	19	19	19	17

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	33644	33644	33644	33644
5°	33722	35735	33839	28548
10°	33352	37771	33587	23575
15°	32627	37783	33181	17710
20°	31757	31232	32448	14611
25°	30701	19515	31364	12430
30°	29353	12494	30153	10701
35°	27714	9603	28613	9158
40°	25888	8071	26993	8010
45°	23934	6870	24935	6725
50°	21933	5837	22959	5815
55°	19718	5072	20781	5006
60°	17749	3869	18689	3822
65°	15908	2912	16854	3303
70°	13880	2326	14967	2691
75°	11731	1782	12805	2035
80°	9317	1211	10020	1335
85°	6470	626	7091	661

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 165°

Vertical Angle: 45°

Luminance: 30776 cd/sqm

TEST NUMBER: P999437

CATALOG NUMBER: SA2XXRDIP-B1005D925UB2750-4F0-XX-W2A-A_5000K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	201.6	2.8
10°-20°	562.7	7.8
20°-30°	724.2	10.1
30°-40°	687.1	9.5
40°-50°	588.8	8.2
50°-60°	448.4	6.2
60°-70°	282.8	3.9
70°-80°	141.1	2.0
80°-90°	38.4	0.5
90°-100°	39.6	0.6
100°-110°	147.7	2.1
110°-120°	391.6	5.4
120°-130°	649.6	9.0
130°-140°	690.0	9.6
140°-150°	641.3	8.9
150°-160°	515.6	7.2
160°-170°	332.2	4.6
170°-180°	114.3	1.6
0°-30°	1488.5	20.7
0°-40°	2175.6	30.2
0°-60°	3212.9	44.6
0°-90°	3675.1	51.1
90°-120°	578.9	8.0
90°-150°	2559.8	35.6
90°-180°	3522.0	48.9
0°-180°	7197.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	2125	2125	2125	2125	2125	
5°	2127	2365	2134	1889	2127	202
15°	2004	2669	2038	1251	2004	564
25°	1778	1424	1817	907	1778	817
35°	1459	702	1507	669	1459	913
45°	1096	487	1142	477	1096	846
55°	740	338	780	334	740	667
65°	448	176	474	199	448	444
75°	210	93	229	106	210	227
85°	46	27	50	28	46	52
90°	1	24	1	24	1	6
95°	56	37	56	37	56	67
105°	264	66	264	66	264	282
115°	500	71	500	71	500	492
125°	707	743	707	743	707	630
135°	874	903	874	903	874	676
145°	1014	1030	1014	1030	1014	634
155°	1117	1118	1117	1118	1117	515
165°	1177	1174	1177	1174	1177	333
175°	1204	1197	1204	1197	1204	115
180°	1201	1201	1201	1201	1201	

TEST NUMBER: P999437

CATALOG NUMBER: SA2XXRDIP-B1005D925UB2750-4F0-XX-W2A-A_5000K

CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	2125.4	2125.4	2125.4	2125.4	2125.4	2125.4	2125.4	2125.4	2125.4	2125.4	2125.4
2.5°	2138.7	2147.6	2152.0	2157.9	2171.2	2180.1	2193.4	2196.3	2194.8	2200.8	2184.5
5°	2126.9	2146.1	2163.8	2178.6	2202.2	2217.0	2233.2	2252.4	2256.9	2279.0	2265.7
7.5°	2110.7	2138.7	2163.8	2193.4	2228.8	2248.0	2273.1	2302.7	2316.0	2342.5	2349.9
10°	2084.1	2123.9	2166.8	2197.8	2246.5	2280.5	2304.1	2351.4	2382.4	2422.3	2416.4
12.5°	2041.2	2092.9	2150.5	2202.2	2265.7	2287.9	2332.2	2380.9	2420.8	2457.8	2490.2
15°	2004.3	2063.4	2126.9	2190.4	2262.8	2304.1	2348.5	2412.0	2454.8	2519.8	2547.9
17.5°	1954.1	2029.4	2104.7	2175.6	2261.3	2308.6	2363.2	2425.3	2488.8	2550.8	2573.0
20°	1902.4	1983.6	2064.9	2160.9	2258.4	2304.1	2360.3	2437.1	2499.1	2547.9	2547.9
22.5°	1840.4	1939.3	2032.4	2123.9	2230.3	2296.8	2354.4	2444.5	2488.8	2499.1	2459.2
25°	1778.3	1877.3	1979.2	2092.9	2214.0	2273.1	2338.1	2422.3	2437.1	2395.7	2292.3
27.5°	1704.5	1815.3	1930.5	2053.1	2180.1	2253.9	2313.0	2369.1	2341.1	2230.3	2069.3
30°	1629.1	1748.8	1878.8	1995.4	2149.1	2217.0	2267.2	2283.5	2194.8	2014.6	1806.4
32.5°	1550.9	1667.6	1804.9	1945.2	2100.3	2165.3	2197.8	2155.0	1992.5	1765.0	1511.0
35°	1459.3	1590.7	1734.0	1880.2	2033.9	2082.6	2101.8	1996.9	1788.7	1494.7	1242.2
37.5°	1376.6	1508.0	1661.6	1810.8	1960.0	1986.6	1967.4	1803.4	1539.1	1248.1	1001.4
40°	1279.1	1419.4	1570.1	1737.0	1859.6	1866.9	1819.7	1607.0	1279.1	1005.8	853.7
42.5°	1189.0	1330.8	1481.4	1651.3	1744.4	1719.2	1655.7	1376.6	1067.9	867.0	744.4
45°	1095.9	1230.4	1392.8	1543.5	1609.9	1550.9	1454.9	1158.0	896.5	745.9	651.4
47.5°	1005.8	1131.4	1292.4	1437.1	1449.0	1382.5	1268.8	970.4	776.9	655.8	579.0
50°	917.2	1042.8	1193.4	1313.1	1301.3	1209.7	1081.2	843.4	675.0	579.0	515.5
52.5°	828.6	942.3	1088.6	1183.1	1132.9	1044.3	917.2	714.9	589.3	505.1	456.4
55°	740.0	846.3	971.9	1050.2	970.4	868.5	778.4	613.0	511.0	443.1	406.2
57.5°	666.1	750.3	865.5	912.8	816.8	737.0	658.7	527.3	443.1	394.4	351.5
60°	584.9	661.7	756.2	784.3	685.3	620.3	553.9	446.1	379.6	336.8	308.7
62.5°	515.5	579.0	651.4	651.4	564.2	515.5	465.3	373.7	319.0	285.1	271.8
65°	447.5	493.3	545.0	539.1	465.3	422.4	382.5	308.7	267.3	243.7	230.4
67.5°	381.1	416.5	450.5	429.8	376.6	339.7	302.8	249.6	221.6	205.3	187.6
70°	320.5	348.6	366.3	347.1	293.9	262.9	236.3	200.9	178.7	158.0	147.7
72.5°	268.8	280.6	286.5	262.9	218.6	200.9	181.7	156.6	137.4	127.0	124.1
75°	209.7	220.1	215.6	197.9	161.0	147.7	132.9	115.2	110.8	104.9	101.9
77.5°	163.9	163.9	156.6	140.3	115.2	104.9	99.0	90.1	85.7	84.2	81.2
80°	116.7	115.2	110.8	93.1	78.3	72.4	72.4	66.5	65.0	62.0	62.0
82.5°	76.8	76.8	70.9	56.1	51.7	50.2	48.7	45.8	45.8	44.3	44.3
85°	45.8	42.8	35.4	31.0	29.5	29.5	28.1	26.6	28.1	26.6	26.6
87.5°	20.7	16.2	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8
90°	0.9	3.0	5.1	7.2	9.3	10.4	11.2	12.7	14.3	15.8	17.4
92.5°	21.7	20.9	20.2	19.4	18.7	18.3	18.6	19.2	19.7	20.3	20.9
95°	56.5	50.1	43.7	37.4	31.0	27.8	28.5	29.8	31.2	32.5	33.9
97.5°	101.7	85.9	70.0	54.2	38.3	30.4	31.9	35.0	38.1	41.2	44.3
100°	153.9	127.4	101.0	74.5	48.0	34.8	36.4	39.7	43.0	46.2	49.5
102.5°	211.2	210.8	210.4	210.1	209.7	209.5	191.9	156.8	121.6	86.5	51.3
105°	264.3	270.1	275.9	281.6	287.4	290.3	263.9	211.2	158.5	105.7	53.0
107.5°	326.0	330.8	335.6	340.5	345.3	347.7	315.2	250.1	185.0	119.9	54.8
110°	385.1	389.1	393.2	397.2	401.3	403.3	375.4	319.6	263.7	207.9	152.1

TEST NUMBER: P999437

CATALOG NUMBER: SA2XXRDIP-B1005D925UB2750-4F0-XX-W2A-A_5000K

CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	440.7	444.2	447.7	451.2	454.7	456.4	454.8	451.5	448.2	444.9	441.6
115°	499.8	503.1	506.4	509.7	513.0	514.6	517.0	521.8	526.7	531.5	536.3
117.5°	551.1	555.0	558.8	562.7	566.6	568.5	570.1	573.4	576.7	580.0	583.3
120°	608.5	611.4	614.3	617.2	620.1	621.5	623.2	626.7	630.2	633.7	637.2
122.5°	657.2	660.3	663.4	666.5	669.6	671.1	673.0	676.9	680.8	684.6	688.5
125°	706.7	709.2	711.7	714.2	716.7	718.0	719.8	723.5	727.2	730.8	734.5
127.5°	751.9	754.6	757.3	760.0	762.7	764.1	765.5	768.4	771.3	774.2	777.1
130°	794.5	797.6	800.7	803.8	806.9	808.4	809.5	811.6	813.7	815.9	818.0
132.5°	838.0	840.5	843.0	845.5	848.0	849.3	850.4	852.5	854.6	856.7	858.8
135°	874.5	877.6	880.7	883.8	886.9	888.4	889.3	891.0	892.7	894.5	896.2
137.5°	912.7	915.0	917.4	919.7	922.0	923.2	924.2	926.1	928.0	930.0	931.9
140°	950.1	951.7	953.2	954.8	956.3	957.1	958.2	960.3	962.4	964.5	966.6
142.5°	981.4	982.8	984.1	985.5	986.8	987.5	988.8	991.3	993.8	996.3	998.8
145°	1014.4	1014.2	1014.0	1013.9	1013.7	1013.6	1015.2	1018.5	1021.8	1025.0	1028.3
147.5°	1043.1	1042.5	1041.9	1041.4	1040.8	1040.5	1042.1	1045.4	1048.7	1052.0	1055.3
150°	1070.9	1069.6	1068.2	1066.9	1065.6	1064.9	1066.4	1069.5	1072.6	1075.7	1078.8
152.5°	1094.4	1092.9	1091.3	1089.8	1088.3	1087.5	1088.9	1091.8	1094.7	1097.6	1100.5
155°	1117.0	1115.3	1113.5	1111.8	1110.1	1109.2	1110.4	1112.7	1115.0	1117.3	1119.6
157.5°	1135.3	1133.7	1132.2	1130.6	1129.1	1128.3	1129.2	1130.9	1132.6	1134.4	1136.1
160°	1150.9	1149.7	1148.6	1147.4	1146.3	1145.7	1146.3	1147.4	1148.6	1149.7	1150.9
162.5°	1164.8	1163.6	1162.5	1161.3	1160.2	1159.6	1160.1	1161.1	1162.0	1163.0	1164.0
165°	1177.0	1175.8	1174.7	1173.5	1172.4	1171.8	1172.1	1172.7	1173.2	1173.8	1174.4
167.5°	1186.6	1185.4	1184.2	1183.1	1181.9	1181.3	1181.6	1182.2	1182.7	1183.3	1183.9
170°	1194.4	1193.2	1192.1	1190.9	1189.8	1189.2	1189.4	1189.8	1190.1	1190.5	1190.9
172.5°	1199.6	1198.4	1197.3	1196.1	1195.0	1194.4	1194.6	1195.0	1195.3	1195.7	1196.1
175°	1203.9	1202.6	1201.2	1199.9	1198.6	1197.9	1198.1	1198.5	1198.8	1199.2	1199.6
177.5°	1205.7	1204.3	1203.0	1201.6	1200.3	1199.6	1199.7	1199.9	1200.1	1200.3	1200.5
180°	1201.3	1201.3	1201.3	1201.3	1201.3	1201.3	1201.3	1201.3	1201.3	1201.3	1201.3

TEST NUMBER: P999437

CATALOG NUMBER: SA2XXRDIP-B1005D925UB2750-4F0-XX-W2A-A_5000K

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	2125.4	2125.4	2125.4	2125.4	2125.4	2125.4	2125.4	2125.4	2125.4	2125.4	2125.4
2.5°	2200.8	2203.7	2208.1	2228.8	2231.8	2237.7	2234.7	2234.7	2236.2	2233.2	2234.7
5°	2295.3	2299.7	2321.9	2347.0	2352.9	2347.0	2354.4	2364.7	2364.7	2364.7	2361.7
7.5°	2383.9	2400.2	2425.3	2462.2	2469.6	2477.0	2490.2	2481.4	2484.3	2497.6	2493.2
10°	2469.6	2493.2	2521.3	2552.3	2568.5	2578.9	2584.8	2598.1	2629.1	2593.6	2606.9
12.5°	2550.8	2584.8	2614.3	2648.3	2660.1	2673.4	2677.8	2689.6	2689.6	2688.2	2698.5
15°	2604.0	2635.0	2661.6	2683.7	2686.7	2683.7	2680.8	2682.3	2686.7	2669.0	2679.3
17.5°	2615.8	2618.7	2627.6	2618.7	2620.2	2589.2	2571.5	2567.1	2525.7	2527.2	2561.1
20°	2558.2	2508.0	2494.7	2445.9	2416.4	2336.6	2333.7	2311.5	2224.4	2251.0	2245.1
22.5°	2400.2	2314.5	2200.8	2144.6	2116.6	2032.4	1967.4	1921.6	1890.6	1859.6	1846.3
25°	2191.9	2053.1	1892.1	1781.3	1765.0	1686.8	1567.1	1511.0	1444.5	1423.8	1459.3
27.5°	1923.1	1742.9	1561.2	1391.3	1360.3	1289.4	1228.9	1189.0	1112.2	1107.8	1110.7
30°	1558.3	1376.6	1224.4	1113.7	1036.9	1004.4	964.5	935.0	903.9	915.7	918.7
32.5°	1280.6	1107.8	966.0	906.9	871.4	850.8	816.8	797.6	784.3	779.9	778.4
35°	1017.7	902.5	838.9	781.3	760.7	745.9	720.8	711.9	700.1	701.6	701.6
37.5°	871.4	775.4	728.2	698.6	679.4	672.0	655.8	646.9	639.5	636.6	641.0
40°	751.8	685.3	655.8	629.2	613.0	610.0	601.1	590.8	581.9	583.4	587.9
42.5°	664.7	626.3	590.8	570.1	558.3	553.9	546.5	539.1	539.1	534.7	533.2
45°	595.2	564.2	534.7	515.5	508.1	502.2	493.3	491.8	485.9	487.4	488.9
47.5°	533.2	508.1	485.9	466.7	459.4	457.9	449.0	443.1	443.1	441.6	440.2
50°	477.1	452.0	432.8	422.4	412.1	409.1	407.7	406.2	403.2	403.2	404.7
52.5°	431.3	406.2	391.4	382.5	376.6	373.7	373.7	372.2	372.2	372.2	370.7
55°	381.1	360.4	348.6	345.6	342.7	341.2	339.7	336.8	335.3	338.2	335.3
57.5°	333.8	326.4	316.1	313.1	305.7	305.7	301.3	298.4	295.4	298.4	298.4
60°	296.9	286.5	280.6	271.8	265.9	260.0	252.6	251.1	248.1	246.7	245.2
62.5°	258.5	249.6	234.8	221.6	212.7	206.8	203.8	202.4	202.4	200.9	200.9
65°	215.6	195.0	187.6	183.1	181.7	180.2	177.2	175.8	177.2	175.8	177.2
67.5°	168.4	165.4	161.0	158.0	156.6	155.1	155.1	153.6	153.6	153.6	153.6
70°	146.2	138.8	137.4	134.4	134.4	132.9	132.9	132.9	132.9	131.5	134.4
72.5°	121.1	116.7	115.2	113.7	113.7	113.7	112.3	112.3	112.3	110.8	112.3
75°	99.0	97.5	94.5	94.5	93.1	94.5	93.1	93.1	91.6	93.1	93.1
77.5°	79.8	78.3	76.8	76.8	75.3	75.3	75.3	75.3	75.3	75.3	76.8
80°	60.6	59.1	57.6	59.1	57.6	59.1	57.6	57.6	59.1	57.6	57.6
82.5°	44.3	42.8	42.8	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4
85°	26.6	25.1	25.1	26.6	25.1	26.6	25.1	25.1	25.1	26.6	26.6
87.5°	11.8	13.3	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	13.3
90°	18.4	19.3	20.3	21.2	21.7	21.9	22.3	22.7	23.1	23.5	23.1
92.5°	21.3	21.7	22.0	22.4	22.6	22.7	22.9	23.1	23.3	23.5	23.3
95°	34.9	35.8	36.8	37.7	38.2	38.1	37.9	37.8	37.6	37.4	37.6
97.5°	44.9	45.5	46.0	46.6	46.9	47.0	47.2	47.4	47.6	47.8	47.6
100°	51.1	52.6	54.2	55.7	56.5	56.7	57.1	57.4	57.8	58.2	57.8
102.5°	53.4	55.5	57.6	59.7	60.8	61.1	61.7	62.3	62.9	63.5	62.9
105°	55.1	57.3	59.4	61.5	62.6	63.0	63.8	64.5	65.3	66.1	65.3
107.5°	56.9	59.0	61.1	63.2	64.3	64.7	65.5	66.2	67.0	67.8	67.0
110°	132.8	113.5	94.2	74.9	65.2	65.6	66.4	67.1	67.9	68.7	67.9

TEST NUMBER: P999437

CATALOG NUMBER: SA2XXRDIP-B1005D925UB2750-4F0-XX-W2A-A_5000K

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	358.3	275.1	191.8	108.5	66.9	67.2	67.8	68.3	68.9	69.5	68.9
115°	446.9	357.5	268.0	178.6	133.9	126.9	113.0	99.1	85.2	71.3	85.2
117.5°	555.7	528.1	500.4	472.8	459.0	433.7	383.1	332.4	281.8	231.2	281.8
120°	639.5	641.8	644.1	646.4	647.6	634.6	608.5	582.4	556.4	530.3	556.4
122.5°	689.7	690.8	692.0	693.1	693.7	693.8	694.0	694.1	694.3	694.5	694.3
125°	735.9	737.2	738.6	739.9	740.6	740.9	741.5	742.0	742.6	743.2	742.6
127.5°	779.0	781.0	782.9	784.8	785.8	785.9	786.1	786.3	786.5	786.7	786.5
130°	820.1	822.2	824.3	826.4	827.5	827.4	827.2	827.1	826.9	826.7	826.9
132.5°	860.6	862.3	864.1	865.8	866.7	866.6	866.4	866.2	866.0	865.8	866.0
135°	898.1	900.1	902.0	903.9	904.9	904.7	904.3	904.0	903.6	903.2	903.6
137.5°	933.8	935.8	937.7	939.6	940.6	940.3	939.7	939.1	938.5	937.9	938.5
140°	968.4	970.1	971.9	973.6	974.5	974.0	973.0	972.1	971.1	970.1	971.1
142.5°	1000.3	1001.9	1003.4	1004.9	1005.7	1005.2	1004.3	1003.3	1002.4	1001.4	1002.4
145°	1029.7	1031.0	1032.4	1033.7	1034.4	1033.9	1033.0	1032.0	1031.1	1030.1	1031.1
147.5°	1056.3	1057.2	1058.2	1059.1	1059.6	1059.2	1058.5	1057.7	1057.0	1056.2	1057.0
150°	1080.0	1081.1	1082.3	1083.4	1084.0	1083.5	1082.5	1081.6	1080.6	1079.6	1080.6
152.5°	1101.7	1102.8	1104.0	1105.1	1105.7	1105.0	1103.7	1102.3	1101.0	1099.6	1101.0
155°	1120.8	1121.9	1123.1	1124.2	1124.8	1124.0	1122.5	1121.0	1119.4	1117.9	1119.4
157.5°	1137.5	1138.8	1140.2	1141.5	1142.2	1141.4	1139.9	1138.4	1136.8	1135.3	1136.8
160°	1152.1	1153.2	1154.4	1155.5	1156.1	1155.4	1154.1	1152.7	1151.4	1150.0	1151.4
162.5°	1165.3	1166.7	1168.0	1169.3	1170.0	1169.1	1167.4	1165.7	1163.9	1162.2	1163.9
165°	1175.8	1177.1	1178.5	1179.8	1180.5	1179.8	1178.5	1177.1	1175.8	1174.4	1175.8
167.5°	1185.3	1186.6	1188.0	1189.3	1190.0	1189.1	1187.4	1185.7	1183.9	1182.2	1183.9
170°	1192.3	1193.6	1195.0	1196.3	1197.0	1196.1	1194.4	1192.7	1190.9	1189.2	1190.9
172.5°	1197.5	1198.8	1200.2	1201.5	1202.2	1201.3	1199.6	1197.9	1196.1	1194.4	1196.1
175°	1201.0	1202.3	1203.7	1205.0	1205.7	1204.7	1202.8	1200.9	1198.9	1197.0	1198.9
177.5°	1201.8	1203.2	1204.5	1205.8	1206.5	1205.6	1203.9	1202.2	1200.4	1198.7	1200.4
180°	1201.3	1201.3	1201.3	1201.3	1201.3	1201.3	1201.3	1201.3	1201.3	1201.3	1201.3

TEST NUMBER: P999437

CATALOG NUMBER: SA2XXRDIP-B1005D925UB2750-4F0-XX-W2A-A_5000K

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	2125.4	2125.4	2125.4	2125.4	2125.4	2125.4	2125.4	2125.4	2125.4	2125.4	2125.4
2.5°	2240.6	2230.3	2227.3	2230.3	2227.3	2228.8	2218.5	2180.1	2190.4	2174.2	2183.0
5°	2367.7	2358.8	2339.6	2336.6	2333.7	2330.7	2316.0	2282.0	2268.7	2246.5	2245.1
7.5°	2488.8	2488.8	2474.0	2463.7	2450.4	2440.0	2420.8	2370.6	2349.9	2323.3	2308.6
10°	2608.4	2570.0	2586.3	2575.9	2543.4	2537.5	2502.1	2472.5	2432.6	2406.1	2382.4
12.5°	2694.1	2682.3	2667.5	2658.6	2649.8	2630.6	2606.9	2531.6	2510.9	2457.8	2431.2
15°	2691.1	2683.7	2688.2	2688.2	2685.2	2680.8	2661.6	2606.9	2571.5	2519.8	2474.0
17.5°	2546.4	2565.6	2584.8	2598.1	2627.6	2640.9	2658.6	2626.1	2604.0	2559.7	2510.9
20°	2293.8	2341.1	2397.2	2409.0	2435.6	2513.9	2549.3	2577.4	2586.3	2571.5	2531.6
22.5°	1942.3	1982.2	2118.0	2115.1	2153.5	2246.5	2349.9	2434.1	2500.6	2537.5	2522.7
25°	1521.3	1577.5	1649.8	1704.5	1830.0	1968.9	2097.4	2231.8	2347.0	2448.9	2474.0
27.5°	1150.6	1224.4	1282.0	1354.4	1417.9	1581.9	1747.3	1957.0	2091.5	2284.9	2385.4
30°	930.5	964.5	1022.1	1056.1	1087.1	1212.6	1400.2	1607.0	1843.3	2066.3	2239.2
32.5°	794.6	818.3	861.1	875.9	908.4	992.6	1110.7	1299.8	1543.5	1813.8	2041.2
35°	713.4	738.5	747.4	760.7	787.2	840.4	921.7	1059.0	1279.1	1543.5	1815.3
37.5°	644.0	657.3	682.4	691.2	700.1	740.0	794.6	890.6	1036.9	1254.0	1555.3
40°	595.2	602.6	615.9	623.3	629.2	657.3	706.0	771.0	878.8	1044.3	1321.9
42.5°	543.5	552.4	561.3	570.1	577.5	599.7	629.2	691.2	763.6	889.2	1090.0
45°	493.3	499.2	509.6	515.5	525.8	543.5	570.1	613.0	678.0	757.7	920.2
47.5°	447.5	454.9	459.4	466.7	474.1	493.3	518.4	546.5	599.7	678.0	796.1
50°	406.2	415.0	420.9	422.4	428.3	446.1	466.7	497.8	531.7	592.3	695.7
52.5°	376.6	378.1	382.5	388.5	387.0	397.3	416.5	440.2	475.6	524.3	599.7
55°	342.7	347.1	350.1	351.5	351.5	360.4	370.7	392.9	420.9	460.8	524.3
57.5°	299.8	304.3	313.1	316.1	320.5	324.9	329.4	344.1	367.8	406.2	457.9
60°	255.5	258.5	267.3	273.2	276.2	288.0	293.9	305.7	319.0	347.1	395.8
62.5°	205.3	208.3	212.7	218.6	224.5	242.2	257.0	268.8	279.2	298.4	338.2
65°	178.7	180.2	183.1	184.6	186.1	193.5	206.8	223.0	242.2	257.0	280.6
67.5°	155.1	156.6	158.0	161.0	162.5	163.9	169.9	174.3	193.5	214.2	231.9
70°	132.9	135.9	137.4	137.4	138.8	141.8	144.7	150.7	156.6	166.9	189.1
72.5°	112.3	113.7	116.7	116.7	116.7	119.6	122.6	125.5	128.5	134.4	143.3
75°	93.1	96.0	96.0	96.0	97.5	97.5	100.4	103.4	106.3	110.8	113.7
77.5°	76.8	76.8	76.8	76.8	78.3	78.3	79.8	82.7	84.2	85.7	88.6
80°	57.6	59.1	59.1	59.1	60.6	60.6	60.6	63.5	65.0	65.0	67.9
82.5°	42.8	42.8	42.8	44.3	42.8	44.3	44.3	45.8	44.3	45.8	47.3
85°	26.6	26.6	26.6	28.1	28.1	28.1	28.1	28.1	28.1	28.1	29.5
87.5°	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	14.8	13.3	13.3
90°	22.7	22.3	21.9	21.7	21.2	20.3	19.3	18.4	17.4	15.8	14.3
92.5°	23.1	22.9	22.7	22.6	22.4	22.0	21.7	21.3	20.9	20.3	19.7
95°	37.8	37.9	38.1	38.2	37.7	36.8	35.8	34.9	33.9	32.5	31.2
97.5°	47.4	47.2	47.0	46.9	46.6	46.0	45.5	44.9	44.3	41.2	38.1
100°	57.4	57.1	56.7	56.5	55.7	54.2	52.6	51.1	49.5	46.2	43.0
102.5°	62.3	61.7	61.1	60.8	59.7	57.6	55.5	53.4	51.3	46.5	121.6
105°	64.5	63.8	63.0	62.6	61.5	59.4	57.3	55.1	53.0	105.7	158.5
107.5°	66.2	65.5	64.7	64.3	63.2	61.1	59.0	56.9	54.8	119.9	185.0
110°	67.1	66.4	65.6	65.2	74.9	94.2	113.5	132.8	152.1	207.9	263.7

TEST NUMBER: P999437

CATALOG NUMBER: SA2XXRDIP-B1005D925UB2750-4F0-XX-W2A-A_5000K

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	68.3	67.8	67.2	66.9	108.5	191.8	275.1	358.3	441.6	444.9	448.2
115°	99.1	113.0	126.9	133.9	178.6	268.0	357.5	446.9	536.3	531.5	526.7
117.5°	332.4	383.1	433.7	459.0	472.8	500.4	528.1	555.7	583.3	580.0	576.7
120°	582.4	608.5	634.6	647.6	646.4	644.1	641.8	639.5	637.2	633.7	630.2
122.5°	694.1	694.0	693.8	693.7	693.1	692.0	690.8	689.7	688.5	684.6	680.8
125°	742.0	741.5	740.9	740.6	739.9	738.6	737.2	735.9	734.5	730.8	727.2
127.5°	786.3	786.1	785.9	785.8	784.8	782.9	781.0	779.0	777.1	774.2	771.3
130°	827.1	827.2	827.4	827.5	826.4	824.3	822.2	820.1	818.0	815.9	813.7
132.5°	866.2	866.4	866.6	866.7	865.8	864.1	862.3	860.6	858.8	856.7	854.6
135°	904.0	904.3	904.7	904.9	903.9	902.0	900.1	898.1	896.2	894.5	892.7
137.5°	939.1	939.7	940.3	940.6	939.6	937.7	935.8	933.8	931.9	930.0	928.0
140°	972.1	973.0	974.0	974.5	973.6	971.9	970.1	968.4	966.6	964.5	962.4
142.5°	1003.3	1004.3	1005.2	1005.7	1004.9	1003.4	1001.9	1000.3	998.8	996.3	993.8
145°	1032.0	1033.0	1033.9	1034.4	1033.7	1032.4	1031.0	1029.7	1028.3	1025.0	1021.8
147.5°	1057.7	1058.5	1059.2	1059.6	1059.1	1058.2	1057.2	1056.3	1055.3	1052.0	1048.7
150°	1081.6	1082.5	1083.5	1084.0	1083.4	1082.3	1081.1	1080.0	1078.8	1075.7	1072.6
152.5°	1102.3	1103.7	1105.0	1105.7	1105.1	1104.0	1102.8	1101.7	1100.5	1097.6	1094.7
155°	1121.0	1122.5	1124.0	1124.8	1124.2	1123.1	1121.9	1120.8	1119.6	1117.3	1115.0
157.5°	1138.4	1139.9	1141.4	1142.2	1141.5	1140.2	1138.8	1137.5	1136.1	1134.4	1132.6
160°	1152.7	1154.1	1155.4	1156.1	1155.5	1154.4	1153.2	1152.1	1150.9	1149.7	1148.6
162.5°	1165.7	1167.4	1169.1	1170.0	1169.3	1168.0	1166.7	1165.3	1164.0	1163.0	1162.0
165°	1177.1	1178.5	1179.8	1180.5	1179.8	1178.5	1177.1	1175.8	1174.4	1173.8	1173.2
167.5°	1185.7	1187.4	1189.1	1190.0	1189.3	1188.0	1186.6	1185.3	1183.9	1183.3	1182.7
170°	1192.7	1194.4	1196.1	1197.0	1196.3	1195.0	1193.6	1192.3	1190.9	1190.5	1190.1
172.5°	1197.9	1199.6	1201.3	1202.2	1201.5	1200.2	1198.8	1197.5	1196.1	1195.7	1195.3
175°	1200.9	1202.8	1204.7	1205.7	1205.0	1203.7	1202.3	1201.0	1199.6	1199.2	1198.8
177.5°	1202.2	1203.9	1205.6	1206.5	1205.8	1204.5	1203.2	1201.8	1200.5	1200.3	1200.1
180°	1201.3	1201.3	1201.3	1201.3	1201.3	1201.3	1201.3	1201.3	1201.3	1201.3	1201.3

TEST NUMBER: P999437

CATALOG NUMBER: SA2XXRDIP-B1005D925UB2750-4F0-XX-W2A-A_5000K

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
0°	2125.4	2125.4	2125.4	2125.4	2125.4	2125.4	2125.4	2125.4	2125.4	2125.4	2125.4
2.5°	2169.7	2162.4	2162.4	2157.9	2157.9	2134.3	2134.3	2141.7	2132.8	2122.5	2107.7
5°	2225.9	2209.6	2205.2	2199.3	2180.1	2150.5	2138.7	2134.3	2116.6	2094.4	2069.3
7.5°	2279.0	2252.4	2239.2	2225.9	2200.8	2159.4	2135.8	2119.5	2092.9	2059.0	2026.5
10°	2330.7	2296.8	2262.8	2246.5	2211.1	2159.4	2125.4	2098.8	2060.4	2014.6	1968.9
12.5°	2378.0	2307.1	2301.2	2268.7	2217.0	2157.9	2106.2	2067.8	2019.1	1965.9	1912.7
15°	2419.4	2347.0	2311.5	2282.0	2214.0	2140.2	2085.5	2038.3	1973.3	1912.7	1847.7
17.5°	2440.0	2361.7	2338.1	2289.4	2220.0	2123.9	2050.1	1992.5	1921.6	1849.2	1775.4
20°	2460.7	2369.1	2330.7	2296.8	2202.2	2092.9	2010.2	1943.8	1865.5	1779.8	1698.6
22.5°	2471.0	2369.1	2323.3	2276.1	2184.5	2059.0	1961.5	1883.2	1791.6	1704.5	1607.0
25°	2453.3	2360.3	2305.6	2256.9	2153.5	2017.6	1905.4	1816.7	1719.2	1620.3	1521.3
27.5°	2409.0	2339.6	2276.1	2225.9	2110.7	1964.4	1846.3	1745.8	1645.4	1534.6	1434.2
30°	2326.3	2295.3	2245.1	2188.9	2063.4	1917.2	1776.9	1673.5	1562.7	1451.9	1347.0
32.5°	2197.8	2224.4	2191.9	2143.2	2007.3	1852.2	1703.0	1598.1	1477.0	1357.4	1261.4
35°	2041.2	2135.8	2118.0	2084.1	1948.2	1782.8	1633.6	1506.6	1385.4	1264.3	1168.3
37.5°	1869.9	2013.2	2027.9	2007.3	1880.2	1711.9	1547.9	1423.8	1299.8	1177.2	1079.7
40°	1635.1	1855.1	1902.4	1911.3	1809.3	1626.2	1454.9	1333.7	1211.2	1091.5	973.4
42.5°	1419.4	1697.1	1756.2	1793.1	1719.2	1542.0	1369.2	1234.8	1113.7	1005.8	887.7
45°	1217.1	1506.6	1602.6	1649.8	1617.3	1446.0	1267.3	1141.7	1031.0	932.0	818.3
47.5°	1008.8	1299.8	1434.2	1509.5	1509.5	1348.5	1169.8	1045.7	939.4	855.2	754.8
50°	870.0	1112.2	1251.0	1350.0	1376.6	1249.6	1081.2	960.1	859.6	768.0	691.2
52.5°	741.5	958.6	1073.8	1177.2	1254.0	1143.2	982.2	872.9	774.0	688.3	627.7
55°	641.0	803.5	908.4	1022.1	1107.8	1035.4	886.2	779.9	694.2	623.3	571.6
57.5°	545.0	686.8	772.5	872.9	964.5	909.8	790.2	698.6	623.3	561.3	515.5
60°	463.8	579.0	645.5	723.7	837.5	799.1	700.1	615.9	555.4	499.2	460.8
62.5°	394.4	485.9	542.1	598.2	701.6	683.9	607.1	542.1	490.4	443.1	410.6
65°	323.5	398.8	443.1	491.8	574.6	581.9	519.9	474.1	426.9	385.5	356.0
67.5°	261.4	320.5	360.4	401.7	468.2	488.9	446.1	407.7	367.8	333.8	307.2
70°	211.2	252.6	282.1	314.6	369.3	394.4	372.2	345.6	313.1	285.1	261.4
72.5°	166.9	193.5	211.2	236.3	280.6	305.7	304.3	280.6	257.0	237.8	218.6
75°	122.6	143.3	158.0	174.3	209.7	233.4	239.3	228.9	205.3	190.5	175.8
77.5°	93.1	104.9	112.3	124.1	149.2	169.9	178.7	175.8	159.5	147.7	137.4
80°	70.9	73.9	76.8	81.2	101.9	121.1	127.0	125.5	116.7	112.3	100.4
82.5°	50.2	51.7	53.2	54.6	62.0	78.3	84.2	87.1	79.8	75.3	65.0
85°	29.5	31.0	31.0	34.0	35.4	39.9	50.2	50.2	48.7	42.8	41.4
87.5°	14.8	14.8	13.3	13.3	14.8	16.2	19.2	22.2	19.2	17.7	16.2
90°	12.7	11.2	10.4	9.3	7.2	5.1	3.0	0.9	3.0	5.1	7.2
92.5°	19.2	18.6	18.3	18.7	19.4	20.2	20.9	21.7	20.9	20.2	19.4
95°	29.8	28.5	27.8	31.0	37.4	43.7	50.1	56.5	50.1	43.7	37.4
97.5°	35.0	31.9	30.4	38.3	54.2	70.0	85.9	101.7	85.9	70.0	54.2
100°	39.7	36.4	34.8	48.0	74.5	101.0	127.4	153.9	127.4	101.0	74.5
102.5°	156.8	191.9	209.5	209.7	210.1	210.4	210.8	211.2	210.8	210.4	210.1
105°	211.2	263.9	290.3	287.4	281.6	275.9	270.1	264.3	270.1	275.9	281.6
107.5°	250.1	315.2	347.7	345.3	340.5	335.6	330.8	326.0	330.8	335.6	340.5
110°	319.6	375.4	403.3	401.3	397.2	393.2	389.1	385.1	389.1	393.2	397.2

TEST NUMBER: P999437

CATALOG NUMBER: SA2XXRDIP-B1005D925UB2750-4F0-XX-W2A-A_5000K

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
112.5°	451.5	454.8	456.4	454.7	451.2	447.7	444.2	440.7	444.2	447.7	451.2
115°	521.8	517.0	514.6	513.0	509.7	506.4	503.1	499.8	503.1	506.4	509.7
117.5°	573.4	570.1	568.5	566.6	562.7	558.8	555.0	551.1	555.0	558.8	562.7
120°	626.7	623.2	621.5	620.1	617.2	614.3	611.4	608.5	611.4	614.3	617.2
122.5°	676.9	673.0	671.1	669.6	666.5	663.4	660.3	657.2	660.3	663.4	666.5
125°	723.5	719.8	718.0	716.7	714.2	711.7	709.2	706.7	709.2	711.7	714.2
127.5°	768.4	765.5	764.1	762.7	760.0	757.3	754.6	751.9	754.6	757.3	760.0
130°	811.6	809.5	808.4	806.9	803.8	800.7	797.6	794.5	797.6	800.7	803.8
132.5°	852.5	850.4	849.3	848.0	845.5	843.0	840.5	838.0	840.5	843.0	845.5
135°	891.0	889.3	888.4	886.9	883.8	880.7	877.6	874.5	877.6	880.7	883.8
137.5°	926.1	924.2	923.2	922.0	919.7	917.4	915.0	912.7	915.0	917.4	919.7
140°	960.3	958.2	957.1	956.3	954.8	953.2	951.7	950.1	951.7	953.2	954.8
142.5°	991.3	988.8	987.5	986.8	985.5	984.1	982.8	981.4	982.8	984.1	985.5
145°	1018.5	1015.2	1013.6	1013.7	1013.9	1014.0	1014.2	1014.4	1014.2	1014.0	1013.9
147.5°	1045.4	1042.1	1040.5	1040.8	1041.4	1041.9	1042.5	1043.1	1042.5	1041.9	1041.4
150°	1069.5	1066.4	1064.9	1065.6	1066.9	1068.2	1069.6	1070.9	1069.6	1068.2	1066.9
152.5°	1091.8	1088.9	1087.5	1088.3	1089.8	1091.3	1092.9	1094.4	1092.9	1091.3	1089.8
155°	1112.7	1110.4	1109.2	1110.1	1111.8	1113.5	1115.3	1117.0	1115.3	1113.5	1111.8
157.5°	1130.9	1129.2	1128.3	1129.1	1130.6	1132.2	1133.7	1135.3	1133.7	1132.2	1130.6
160°	1147.4	1146.3	1145.7	1146.3	1147.4	1148.6	1149.7	1150.9	1149.7	1148.6	1147.4
162.5°	1161.1	1160.1	1159.6	1160.2	1161.3	1162.5	1163.6	1164.8	1163.6	1162.5	1161.3
165°	1172.7	1172.1	1171.8	1172.4	1173.5	1174.7	1175.8	1177.0	1175.8	1174.7	1173.5
167.5°	1182.2	1181.6	1181.3	1181.9	1183.1	1184.2	1185.4	1186.6	1185.4	1184.2	1183.1
170°	1189.8	1189.4	1189.2	1189.8	1190.9	1192.1	1193.2	1194.4	1193.2	1192.1	1190.9
172.5°	1195.0	1194.6	1194.4	1195.0	1196.1	1197.3	1198.4	1199.6	1198.4	1197.3	1196.1
175°	1198.5	1198.1	1197.9	1198.6	1199.9	1201.2	1202.6	1203.9	1202.6	1201.2	1199.9
177.5°	1199.9	1199.7	1199.6	1200.3	1201.6	1203.0	1204.3	1205.7	1204.3	1203.0	1201.6
180°	1201.3	1201.3	1201.3	1201.3	1201.3	1201.3	1201.3	1201.3	1201.3	1201.3	1201.3

TEST NUMBER: P999437

CATALOG NUMBER: SA2XXRDIP-B1005D925UB2750-4F0-XX-W2A-A_5000K

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
0°	2125.4	2125.4	2125.4	2125.4	2125.4	2125.4	2125.4	2125.4	2125.4	2125.4	2125.4
2.5°	2101.8	2103.3	2107.7	2094.4	2073.7	2064.9	2038.3	2033.9	2029.4	2029.4	2033.9
5°	2054.5	2048.6	2050.1	2025.0	1995.4	1977.7	1940.8	1946.7	1927.5	1915.7	1918.6
7.5°	2002.8	1986.6	1985.1	1952.6	1915.7	1883.2	1844.8	1835.9	1818.2	1797.5	1788.7
10°	1937.8	1926.0	1903.9	1866.9	1819.7	1793.1	1741.4	1710.4	1706.0	1674.9	1663.1
12.5°	1871.4	1850.7	1828.5	1776.9	1723.7	1680.8	1642.4	1608.5	1584.8	1558.3	1540.5
15°	1794.6	1769.5	1744.4	1689.7	1627.7	1584.8	1527.2	1477.0	1407.6	1352.9	1321.9
17.5°	1710.4	1682.3	1648.3	1587.8	1527.2	1468.2	1361.8	1302.7	1254.0	1221.5	1202.3
20°	1623.2	1592.2	1558.3	1497.7	1392.8	1289.4	1230.4	1184.6	1155.0	1122.5	1098.9
22.5°	1531.7	1499.2	1462.2	1367.7	1256.9	1184.6	1138.8	1095.9	1053.1	1035.4	1023.6
25°	1446.0	1416.5	1369.2	1240.7	1153.5	1087.1	1035.4	1007.3	985.2	961.5	939.4
27.5°	1357.4	1302.7	1236.3	1128.4	1073.8	1005.8	968.9	948.2	909.8	893.6	883.3
30°	1251.0	1190.5	1127.0	1050.2	986.6	939.4	905.4	871.4	849.3	833.0	815.3
32.5°	1143.2	1085.6	1045.7	966.0	918.7	870.0	837.5	816.8	784.3	774.0	766.6
35°	1050.2	1001.4	966.0	901.0	856.7	812.4	788.7	757.7	737.0	717.8	706.0
37.5°	958.6	932.0	895.1	840.4	793.2	757.7	725.2	714.9	686.8	676.5	664.7
40°	895.1	855.2	824.2	776.9	737.0	698.6	678.0	654.3	635.1	618.9	614.4
42.5°	818.3	788.7	771.0	719.3	678.0	655.8	630.7	604.1	589.3	576.0	559.8
45°	760.7	734.1	709.0	667.6	630.7	602.6	580.5	562.7	537.6	531.7	506.6
47.5°	700.1	673.5	654.3	613.0	579.0	552.4	536.2	512.5	491.8	478.6	466.7
50°	639.5	617.4	599.7	564.2	534.7	506.6	484.5	460.8	452.0	429.8	422.4
52.5°	581.9	567.2	548.0	514.0	484.5	460.8	437.2	418.0	404.7	392.9	384.0
55°	533.2	509.6	500.7	463.8	438.7	413.6	392.9	381.1	364.8	357.4	350.1
57.5°	478.6	465.3	450.5	422.4	394.4	370.7	356.0	338.2	329.4	320.5	314.6
60°	431.3	412.1	400.3	376.6	351.5	329.4	316.1	302.8	291.0	283.6	271.8
62.5°	376.6	361.9	354.5	329.4	308.7	288.0	276.2	262.9	254.0	240.8	226.0
65°	329.4	317.6	308.7	288.0	268.8	249.6	237.8	221.6	209.7	202.4	200.9
67.5°	288.0	279.2	265.9	246.7	227.5	212.7	199.4	186.1	184.6	181.7	181.7
70°	242.2	233.4	226.0	205.3	189.1	172.8	169.9	165.4	161.0	159.5	156.6
72.5°	202.4	195.0	186.1	168.4	152.1	147.7	144.7	141.8	137.4	135.9	134.4
75°	163.9	153.6	147.7	131.5	127.0	124.1	121.1	116.7	113.7	112.3	109.3
77.5°	125.5	115.2	115.2	106.3	103.4	99.0	96.0	93.1	91.6	88.6	88.6
80°	88.6	88.6	85.7	81.2	76.8	75.3	70.9	69.4	67.9	69.4	66.5
82.5°	65.0	59.1	59.1	56.1	53.2	51.7	48.7	48.7	47.3	47.3	47.3
85°	36.9	36.9	35.4	32.5	31.0	31.0	29.5	29.5	28.1	28.1	26.6
87.5°	14.8	13.3	14.8	13.3	13.3	11.8	11.8	11.8	10.3	11.8	10.3
90°	9.3	10.4	11.2	12.7	14.3	15.8	17.4	18.4	19.3	20.3	21.2
92.5°	18.7	18.3	18.6	19.2	19.7	20.3	20.9	21.3	21.7	22.0	22.4
95°	31.0	27.8	28.5	29.8	31.2	32.5	33.9	34.9	35.8	36.8	37.7
97.5°	38.3	30.4	31.9	35.0	38.1	41.2	44.3	44.9	45.5	46.0	46.6
100°	48.0	34.8	36.4	39.7	43.0	46.2	49.5	51.1	52.6	54.2	55.7
102.5°	209.7	209.5	191.9	156.8	121.6	86.5	51.3	53.4	55.5	57.6	59.7
105°	287.4	290.3	263.9	211.2	158.5	105.7	53.0	55.1	57.3	59.4	61.5
107.5°	345.3	347.7	315.2	250.1	185.0	119.9	54.8	56.9	59.0	61.1	63.2
110°	401.3	403.3	375.4	319.6	263.7	207.9	152.1	132.8	113.5	94.2	74.9

TEST NUMBER: P999437

CATALOG NUMBER: SA2XXRDIP-B1005D925UB2750-4F0-XX-W2A-A_5000K

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
112.5°	454.7	456.4	454.8	451.5	448.2	444.9	441.6	358.3	275.1	191.8	108.5
115°	513.0	514.6	517.0	521.8	526.7	531.5	536.3	446.9	357.5	268.0	178.6
117.5°	566.6	568.5	570.1	573.4	576.7	580.0	583.3	555.7	528.1	500.4	472.8
120°	620.1	621.5	623.2	626.7	630.2	633.7	637.2	639.5	641.8	644.1	646.4
122.5°	669.6	671.1	673.0	676.9	680.8	684.6	688.5	689.7	690.8	692.0	693.1
125°	716.7	718.0	719.8	723.5	727.2	730.8	734.5	735.9	737.2	738.6	739.9
127.5°	762.7	764.1	765.5	768.4	771.3	774.2	777.1	779.0	781.0	782.9	784.8
130°	806.9	808.4	809.5	811.6	813.7	815.9	818.0	820.1	822.2	824.3	826.4
132.5°	848.0	849.3	850.4	852.5	854.6	856.7	858.8	860.6	862.3	864.1	865.8
135°	886.9	888.4	889.3	891.0	892.7	894.5	896.2	898.1	900.1	902.0	903.9
137.5°	922.0	923.2	924.2	926.1	928.0	930.0	931.9	933.8	935.8	937.7	939.6
140°	956.3	957.1	958.2	960.3	962.4	964.5	966.6	968.4	970.1	971.9	973.6
142.5°	986.8	987.5	988.8	991.3	993.8	996.3	998.8	1000.3	1001.9	1003.4	1004.9
145°	1013.7	1013.6	1015.2	1018.5	1021.8	1025.0	1028.3	1029.7	1031.0	1032.4	1033.7
147.5°	1040.8	1040.5	1042.1	1045.4	1048.7	1052.0	1055.3	1056.3	1057.2	1058.2	1059.1
150°	1065.6	1064.9	1066.4	1069.5	1072.6	1075.7	1078.8	1080.0	1081.1	1082.3	1083.4
152.5°	1088.3	1087.5	1088.9	1091.8	1094.7	1097.6	1100.5	1101.7	1102.8	1104.0	1105.1
155°	1110.1	1109.2	1110.4	1112.7	1115.0	1117.3	1119.6	1120.8	1121.9	1123.1	1124.2
157.5°	1129.1	1128.3	1129.2	1130.9	1132.6	1134.4	1136.1	1137.5	1138.8	1140.2	1141.5
160°	1146.3	1145.7	1146.3	1147.4	1148.6	1149.7	1150.9	1152.1	1153.2	1154.4	1155.5
162.5°	1160.2	1159.6	1160.1	1161.1	1162.0	1163.0	1164.0	1165.3	1166.7	1168.0	1169.3
165°	1172.4	1171.8	1172.1	1172.7	1173.2	1173.8	1174.4	1175.8	1177.1	1178.5	1179.8
167.5°	1181.9	1181.3	1181.6	1182.2	1182.7	1183.3	1183.9	1185.3	1186.6	1188.0	1189.3
170°	1189.8	1189.2	1189.4	1189.8	1190.1	1190.5	1190.9	1192.3	1193.6	1195.0	1196.3
172.5°	1195.0	1194.4	1194.6	1195.0	1195.3	1195.7	1196.1	1197.5	1198.8	1200.2	1201.5
175°	1198.6	1197.9	1198.1	1198.5	1198.8	1199.2	1199.6	1201.0	1202.3	1203.7	1205.0
177.5°	1200.3	1199.6	1199.7	1199.9	1200.1	1200.3	1200.5	1201.8	1203.2	1204.5	1205.8
180°	1201.3	1201.3	1201.3	1201.3	1201.3	1201.3	1201.3	1201.3	1201.3	1201.3	1201.3

TEST NUMBER: P999437

CATALOG NUMBER: SA2XXRDIP-B1005D925UB2750-4F0-XX-W2A-A_5000K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
0°	2125.4	2125.4	2125.4	2125.4	2125.4	2125.4	2125.4	2125.4	2125.4	2125.4	2125.4
2.5°	2033.9	2030.9	2022.0	2025.0	2020.6	2020.6	2017.6	2017.6	2017.6	2025.0	2020.6
5°	1923.1	1912.7	1902.4	1898.0	1893.5	1889.1	1889.1	1887.6	1900.9	1898.0	1909.8
7.5°	1785.7	1782.8	1762.1	1762.1	1754.7	1751.7	1759.1	1760.6	1762.1	1765.0	1772.4
10°	1663.1	1655.7	1626.2	1629.1	1624.7	1618.8	1623.2	1620.3	1630.6	1633.6	1630.6
12.5°	1518.4	1505.1	1472.6	1456.3	1438.6	1425.3	1441.6	1429.8	1471.1	1482.9	1515.4
15°	1326.4	1301.3	1279.1	1279.1	1262.8	1251.0	1258.4	1271.7	1280.6	1293.9	1299.8
17.5°	1197.9	1187.5	1169.8	1159.5	1155.0	1150.6	1150.6	1156.5	1175.7	1174.2	1186.0
20°	1088.6	1082.7	1073.8	1060.5	1056.1	1053.1	1053.1	1053.1	1066.4	1078.2	1085.6
22.5°	1013.2	1008.8	1002.9	985.2	976.3	973.4	980.7	985.2	995.5	1004.4	1011.8
25°	937.9	927.6	917.2	911.3	906.9	906.9	909.8	911.3	915.7	920.2	929.0
27.5°	875.9	868.5	853.7	837.5	837.5	833.0	836.0	838.9	849.3	864.1	871.4
30°	806.5	805.0	799.1	793.2	787.2	784.3	790.2	794.6	796.1	803.5	803.5
32.5°	756.2	745.9	735.6	729.6	726.7	725.2	726.7	732.6	732.6	741.5	751.8
35°	706.0	700.1	689.8	679.4	676.5	669.1	675.0	680.9	691.2	695.7	700.1
37.5°	651.4	644.0	639.5	636.6	630.7	632.2	627.7	636.6	645.5	644.0	646.9
40°	610.0	596.7	583.4	581.9	580.5	579.0	579.0	580.5	586.4	592.3	601.1
42.5°	556.8	552.4	540.6	528.8	525.8	522.9	519.9	525.8	537.6	548.0	552.4
45°	502.2	496.3	493.3	484.5	478.6	477.1	474.1	481.5	491.8	496.3	499.2
47.5°	452.0	450.5	441.6	443.1	438.7	440.2	438.7	443.1	443.1	447.5	450.5
50°	418.0	413.6	409.1	406.2	401.7	401.7	400.3	401.7	407.7	413.6	412.1
52.5°	384.0	376.6	375.2	373.7	370.7	373.7	369.3	370.7	376.6	379.6	378.1
55°	344.1	342.7	339.7	336.8	335.3	333.8	333.8	333.8	339.7	344.1	345.6
57.5°	313.1	305.7	299.8	299.8	293.9	292.4	295.4	296.9	301.3	304.3	307.2
60°	270.3	267.3	258.5	254.0	245.2	243.7	243.7	249.6	257.0	267.3	270.3
62.5°	224.5	220.1	218.6	218.6	218.6	218.6	218.6	218.6	218.6	220.1	220.1
65°	199.4	200.9	199.4	197.9	199.4	199.4	197.9	197.9	197.9	199.4	200.9
67.5°	178.7	177.2	178.7	177.2	175.8	175.8	174.3	175.8	177.2	178.7	178.7
70°	155.1	155.1	153.6	155.1	153.6	152.1	150.7	150.7	153.6	155.1	155.1
72.5°	132.9	132.9	131.5	131.5	128.5	128.5	130.0	128.5	128.5	132.9	132.9
75°	110.8	109.3	107.8	107.8	106.3	106.3	106.3	104.9	107.8	107.8	109.3
77.5°	87.1	87.1	87.1	85.7	85.7	84.2	84.2	85.7	85.7	85.7	87.1
80°	66.5	66.5	66.5	65.0	63.5	63.5	63.5	63.5	63.5	65.0	63.5
82.5°	45.8	45.8	45.8	45.8	45.8	44.3	44.3	44.3	45.8	45.8	44.3
85°	28.1	26.6	28.1	28.1	26.6	28.1	26.6	26.6	25.1	25.1	26.6
87.5°	11.8	10.3	8.9	8.9	10.3	8.9	8.9	8.9	10.3	8.9	8.9
90°	21.7	21.9	22.3	22.7	23.1	23.5	23.1	22.7	22.3	21.9	21.7
92.5°	22.6	22.7	22.9	23.1	23.3	23.5	23.3	23.1	22.9	22.7	22.6
95°	38.2	38.1	37.9	37.8	37.6	37.4	37.6	37.8	37.9	38.1	38.2
97.5°	46.9	47.0	47.2	47.4	47.6	47.8	47.6	47.4	47.2	47.0	46.9
100°	56.5	56.7	57.1	57.4	57.8	58.2	57.8	57.4	57.1	56.7	56.5
102.5°	60.8	61.1	61.7	62.3	62.9	63.5	62.9	62.3	61.7	61.1	60.8
105°	62.6	63.0	63.8	64.5	65.3	66.1	65.3	64.5	63.8	63.0	62.6
107.5°	64.3	64.7	65.5	66.2	67.0	67.8	67.0	66.2	65.5	64.7	64.3
110°	65.2	65.6	66.4	67.1	67.9	68.7	67.9	67.1	66.4	65.6	65.2

TEST NUMBER: P999437

CATALOG NUMBER: SA2XXRDIP-B1005D925UB2750-4F0-XX-W2A-A_5000K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
112.5°	66.9	67.2	67.8	68.3	68.9	69.5	68.9	68.3	67.8	67.2	66.9
115°	133.9	126.9	113.0	99.1	85.2	71.3	85.2	99.1	113.0	126.9	133.9
117.5°	459.0	433.7	383.1	332.4	281.8	231.2	281.8	332.4	383.1	433.7	459.0
120°	647.6	634.6	608.5	582.4	556.4	530.3	556.4	582.4	608.5	634.6	647.6
122.5°	693.7	693.8	694.0	694.1	694.3	694.5	694.3	694.1	694.0	693.8	693.7
125°	740.6	740.9	741.5	742.0	742.6	743.2	742.6	742.0	741.5	740.9	740.6
127.5°	785.8	785.9	786.1	786.3	786.5	786.7	786.5	786.3	786.1	785.9	785.8
130°	827.5	827.4	827.2	827.1	826.9	826.7	826.9	827.1	827.2	827.4	827.5
132.5°	866.7	866.6	866.4	866.2	866.0	865.8	866.0	866.2	866.4	866.6	866.7
135°	904.9	904.7	904.3	904.0	903.6	903.2	903.6	904.0	904.3	904.7	904.9
137.5°	940.6	940.3	939.7	939.1	938.5	937.9	938.5	939.1	939.7	940.3	940.6
140°	974.5	974.0	973.0	972.1	971.1	970.1	971.1	972.1	973.0	974.0	974.5
142.5°	1005.7	1005.2	1004.3	1003.3	1002.4	1001.4	1002.4	1003.3	1004.3	1005.2	1005.7
145°	1034.4	1033.9	1033.0	1032.0	1031.1	1030.1	1031.1	1032.0	1033.0	1033.9	1034.4
147.5°	1059.6	1059.2	1058.5	1057.7	1057.0	1056.2	1057.0	1057.7	1058.5	1059.2	1059.6
150°	1084.0	1083.5	1082.5	1081.6	1080.6	1079.6	1080.6	1081.6	1082.5	1083.5	1084.0
152.5°	1105.7	1105.0	1103.7	1102.3	1101.0	1099.6	1101.0	1102.3	1103.7	1105.0	1105.7
155°	1124.8	1124.0	1122.5	1121.0	1119.4	1117.9	1119.4	1121.0	1122.5	1124.0	1124.8
157.5°	1142.2	1141.4	1139.9	1138.4	1136.8	1135.3	1136.8	1138.4	1139.9	1141.4	1142.2
160°	1156.1	1155.4	1154.1	1152.7	1151.4	1150.0	1151.4	1152.7	1154.1	1155.4	1156.1
162.5°	1170.0	1169.1	1167.4	1165.7	1163.9	1162.2	1163.9	1165.7	1167.4	1169.1	1170.0
165°	1180.5	1179.8	1178.5	1177.1	1175.8	1174.4	1175.8	1177.1	1178.5	1179.8	1180.5
167.5°	1190.0	1189.1	1187.4	1185.7	1183.9	1182.2	1183.9	1185.7	1187.4	1189.1	1190.0
170°	1197.0	1196.1	1194.4	1192.7	1190.9	1189.2	1190.9	1192.7	1194.4	1196.1	1197.0
172.5°	1202.2	1201.3	1199.6	1197.9	1196.1	1194.4	1196.1	1197.9	1199.6	1201.3	1202.2
175°	1205.7	1204.7	1202.8	1200.9	1198.9	1197.0	1198.9	1200.9	1202.8	1204.7	1205.7
177.5°	1206.5	1205.6	1203.9	1202.2	1200.4	1198.7	1200.4	1202.2	1203.9	1205.6	1206.5
180°	1201.3	1201.3	1201.3	1201.3	1201.3	1201.3	1201.3	1201.3	1201.3	1201.3	1201.3

TEST NUMBER: P999437

CATALOG NUMBER: SA2XXRDIP-B1005D925UB2750-4F0-XX-W2A-A_5000K

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
0°	2125.4	2125.4	2125.4	2125.4	2125.4	2125.4	2125.4	2125.4	2125.4	2125.4	2125.4
2.5°	2025.0	2032.4	2029.4	2013.2	2029.4	2033.9	2042.7	2051.6	2057.5	2066.3	2073.7
5°	1898.0	1912.7	1921.6	1912.7	1942.3	1946.7	1967.4	1979.2	1996.9	2011.7	2023.5
7.5°	1778.3	1790.1	1807.9	1810.8	1828.5	1849.2	1878.8	1908.3	1936.4	1951.1	1964.4
10°	1649.8	1670.5	1697.1	1691.2	1717.8	1750.3	1781.3	1828.5	1852.2	1878.8	1902.4
12.5°	1521.3	1534.6	1570.1	1581.9	1620.3	1645.4	1688.2	1717.8	1776.9	1807.9	1828.5
15°	1296.8	1351.5	1395.8	1449.0	1499.2	1546.4	1584.8	1638.0	1689.7	1713.3	1747.3
17.5°	1194.9	1220.0	1246.6	1273.2	1338.2	1422.4	1490.3	1547.9	1592.2	1623.2	1663.1
20°	1088.6	1113.7	1143.2	1168.3	1208.2	1268.8	1352.9	1451.9	1505.1	1537.6	1576.0
22.5°	1013.2	1036.9	1056.1	1078.2	1109.2	1153.5	1217.1	1339.7	1410.6	1450.4	1484.4
25°	932.0	961.5	982.2	998.5	1023.6	1072.3	1124.0	1193.4	1320.5	1351.5	1398.7
27.5°	875.9	884.7	908.4	933.5	958.6	985.2	1038.3	1097.4	1183.1	1251.0	1308.6
30°	809.4	831.6	853.7	864.1	886.2	924.6	957.1	1020.6	1087.1	1140.3	1209.7
32.5°	759.2	772.5	787.2	812.4	833.0	859.6	892.1	945.3	1001.4	1035.4	1088.6
35°	703.1	711.9	742.9	753.3	774.0	800.5	833.0	874.4	935.0	961.5	999.9
37.5°	649.9	670.6	679.4	703.1	722.3	748.8	772.5	819.7	859.6	890.6	926.1
40°	608.5	617.4	633.6	654.3	670.6	691.2	720.8	754.8	797.6	822.7	853.7
42.5°	558.3	565.7	586.4	598.2	624.8	644.0	661.7	703.1	741.5	760.7	791.7
45°	503.7	521.4	534.7	558.3	573.1	596.7	618.9	648.4	683.9	706.0	723.7
47.5°	456.4	474.1	487.4	509.6	533.2	543.5	567.2	598.2	630.7	648.4	673.5
50°	418.0	423.9	449.0	459.4	484.5	505.1	521.4	548.0	583.4	593.8	614.4
52.5°	381.1	385.5	401.7	415.0	437.2	454.9	475.6	500.7	530.2	546.5	562.7
55°	348.6	351.5	358.9	373.7	388.5	410.6	429.8	453.4	478.6	496.3	511.0
57.5°	311.7	317.6	323.5	332.3	347.1	367.8	388.5	410.6	431.3	443.1	462.3
60°	268.8	277.7	288.0	298.4	308.7	323.5	347.1	367.8	387.0	397.3	412.1
62.5°	223.0	240.8	249.6	261.4	270.3	283.6	301.3	324.9	338.2	351.5	363.3
65°	200.9	202.4	203.8	215.6	231.9	245.2	261.4	279.2	299.8	308.7	317.6
67.5°	178.7	180.2	183.1	184.6	190.5	205.3	223.0	242.2	258.5	264.4	273.2
70°	156.6	156.6	162.5	163.9	165.4	166.9	181.7	200.9	215.6	223.0	233.4
72.5°	132.9	134.4	137.4	138.8	141.8	144.7	149.2	159.5	177.2	184.6	196.4
75°	109.3	110.8	112.3	113.7	118.2	119.6	124.1	130.0	137.4	146.2	153.6
77.5°	87.1	87.1	88.6	91.6	94.5	96.0	100.4	103.4	106.3	110.8	116.7
80°	65.0	66.5	66.5	69.4	69.4	70.9	72.4	76.8	79.8	82.7	85.7
82.5°	44.3	47.3	47.3	47.3	48.7	50.2	51.7	51.7	54.6	56.1	60.6
85°	26.6	28.1	28.1	28.1	26.6	29.5	29.5	31.0	31.0	31.0	32.5
87.5°	10.3	8.9	10.3	10.3	10.3	11.8	10.3	10.3	11.8	13.3	13.3
90°	21.2	20.3	19.3	18.4	17.4	15.8	14.3	12.7	11.2	10.4	9.3
92.5°	22.4	22.0	21.7	21.3	20.9	20.3	19.7	19.2	18.6	18.3	18.7
95°	37.7	36.8	35.8	34.9	33.9	32.5	31.2	29.8	28.5	27.8	31.0
97.5°	46.6	46.0	45.5	44.9	44.3	41.2	38.1	35.0	31.9	30.4	38.3
100°	55.7	54.2	52.6	51.1	49.5	46.2	43.0	39.7	36.4	34.8	48.0
102.5°	59.7	57.6	55.5	53.4	51.3	86.5	121.6	156.8	191.9	209.5	209.7
105°	61.5	59.4	57.3	55.1	53.0	105.7	158.5	211.2	263.9	290.3	287.4
107.5°	63.2	61.1	59.0	56.9	54.8	119.9	185.0	250.1	315.2	347.7	345.3
110°	74.9	94.2	113.5	132.8	152.1	207.9	263.7	319.6	375.4	403.3	401.3

TEST NUMBER: P999437

CATALOG NUMBER: SA2XXRDIP-B1005D925UB2750-4F0-XX-W2A-A_5000K

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
112.5°	108.5	191.8	275.1	358.3	441.6	444.9	448.2	451.5	454.8	456.4	454.7
115°	178.6	268.0	357.5	446.9	536.3	531.5	526.7	521.8	517.0	514.6	513.0
117.5°	472.8	500.4	528.1	555.7	583.3	580.0	576.7	573.4	570.1	568.5	566.6
120°	646.4	644.1	641.8	639.5	637.2	633.7	630.2	626.7	623.2	621.5	620.1
122.5°	693.1	692.0	690.8	689.7	688.5	684.6	680.8	676.9	673.0	671.1	669.6
125°	739.9	738.6	737.2	735.9	734.5	730.8	727.2	723.5	719.8	718.0	716.7
127.5°	784.8	782.9	781.0	779.0	777.1	774.2	771.3	768.4	765.5	764.1	762.7
130°	826.4	824.3	822.2	820.1	818.0	815.9	813.7	811.6	809.5	808.4	806.9
132.5°	865.8	864.1	862.3	860.6	858.8	856.7	854.6	852.5	850.4	849.3	848.0
135°	903.9	902.0	900.1	898.1	896.2	894.5	892.7	891.0	889.3	888.4	886.9
137.5°	939.6	937.7	935.8	933.8	931.9	930.0	928.0	926.1	924.2	923.2	922.0
140°	973.6	971.9	970.1	968.4	966.6	964.5	962.4	960.3	958.2	957.1	956.3
142.5°	1004.9	1003.4	1001.9	1000.3	998.8	996.3	993.8	991.3	988.8	987.5	986.8
145°	1033.7	1032.4	1031.0	1029.7	1028.3	1025.0	1021.8	1018.5	1015.2	1013.6	1013.7
147.5°	1059.1	1058.2	1057.2	1056.3	1055.3	1052.0	1048.7	1045.4	1042.1	1040.5	1040.8
150°	1083.4	1082.3	1081.1	1080.0	1078.8	1075.7	1072.6	1069.5	1066.4	1064.9	1065.6
152.5°	1105.1	1104.0	1102.8	1101.7	1100.5	1097.6	1094.7	1091.8	1088.9	1087.5	1088.3
155°	1124.2	1123.1	1121.9	1120.8	1119.6	1117.3	1115.0	1112.7	1110.4	1109.2	1110.1
157.5°	1141.5	1140.2	1138.8	1137.5	1136.1	1134.4	1132.6	1130.9	1129.2	1128.3	1129.1
160°	1155.5	1154.4	1153.2	1152.1	1150.9	1149.7	1148.6	1147.4	1146.3	1145.7	1146.3
162.5°	1169.3	1168.0	1166.7	1165.3	1164.0	1163.0	1162.0	1161.1	1160.1	1159.6	1160.2
165°	1179.8	1178.5	1177.1	1175.8	1174.4	1173.8	1173.2	1172.7	1172.1	1171.8	1172.4
167.5°	1189.3	1188.0	1186.6	1185.3	1183.9	1183.3	1182.7	1182.2	1181.6	1181.3	1181.9
170°	1196.3	1195.0	1193.6	1192.3	1190.9	1190.5	1190.1	1189.8	1189.4	1189.2	1189.8
172.5°	1201.5	1200.2	1198.8	1197.5	1196.1	1195.7	1195.3	1195.0	1194.6	1194.4	1195.0
175°	1205.0	1203.7	1202.3	1201.0	1199.6	1199.2	1198.8	1198.5	1198.1	1197.9	1198.6
177.5°	1205.8	1204.5	1203.2	1201.8	1200.5	1200.3	1200.1	1199.9	1199.7	1199.6	1200.3
180°	1201.3	1201.3	1201.3	1201.3	1201.3	1201.3	1201.3	1201.3	1201.3	1201.3	1201.3

TEST NUMBER: P999437

CATALOG NUMBER: SA2XXRDIP-B1005D925UB2750-4F0-XX-W2A-A_5000K

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
0°	2125.4	2125.4	2125.4	2125.4
2.5°	2087.0	2082.6	2109.2	2138.7
5°	2044.2	2051.6	2085.5	2126.9
7.5°	1999.9	2016.1	2056.0	2110.7
10°	1937.8	1967.4	2027.9	2084.1
12.5°	1877.3	1917.2	1974.8	2041.2
15°	1809.3	1853.7	1924.6	2004.3
17.5°	1734.0	1784.2	1866.9	1954.1
20°	1654.3	1720.7	1807.9	1902.4
22.5°	1565.6	1645.4	1735.5	1840.4
25°	1480.0	1567.1	1657.2	1778.3
27.5°	1395.8	1481.4	1581.9	1704.5
30°	1311.6	1389.9	1497.7	1629.1
32.5°	1221.5	1302.7	1416.5	1550.9
35°	1138.8	1220.0	1326.4	1459.3
37.5°	1050.2	1137.3	1239.2	1376.6
40°	946.8	1048.7	1147.6	1279.1
42.5°	861.1	968.9	1064.9	1189.0
45°	793.2	895.1	974.8	1095.9
47.5°	729.6	812.4	893.6	1005.8
50°	669.1	732.6	816.8	917.2
52.5°	607.1	661.7	734.1	828.6
55°	550.9	602.6	667.6	740.0
57.5°	499.2	536.2	601.1	666.1
60°	441.6	480.0	530.2	584.9
62.5°	392.9	422.4	469.7	515.5
65°	341.2	369.3	404.7	447.5
67.5°	293.9	319.0	347.1	381.1
70°	251.1	270.3	291.0	320.5
72.5°	205.3	226.0	245.2	268.8
75°	168.4	177.2	193.5	209.7
77.5°	130.0	141.8	150.7	163.9
80°	93.1	103.4	106.3	116.7
82.5°	62.0	67.9	73.9	76.8
85°	35.4	38.4	44.3	45.8
87.5°	13.3	14.8	17.7	20.7
90°	7.2	5.1	3.0	0.9
92.5°	19.4	20.2	20.9	21.7
95°	37.4	43.7	50.1	56.5
97.5°	54.2	70.0	85.9	101.7
100°	74.5	101.0	127.4	153.9
102.5°	210.1	210.4	210.8	211.2
105°	281.6	275.9	270.1	264.3
107.5°	340.5	335.6	330.8	326.0
110°	397.2	393.2	389.1	385.1

TEST NUMBER: P999437

CATALOG NUMBER: SA2XXRDIP-B1005D925UB2750-4F0-XX-W2A-A_5000K

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
112.5°	451.2	447.7	444.2	440.7
115°	509.7	506.4	503.1	499.8
117.5°	562.7	558.8	555.0	551.1
120°	617.2	614.3	611.4	608.5
122.5°	666.5	663.4	660.3	657.2
125°	714.2	711.7	709.2	706.7
127.5°	760.0	757.3	754.6	751.9
130°	803.8	800.7	797.6	794.5
132.5°	845.5	843.0	840.5	838.0
135°	883.8	880.7	877.6	874.5
137.5°	919.7	917.4	915.0	912.7
140°	954.8	953.2	951.7	950.1
142.5°	985.5	984.1	982.8	981.4
145°	1013.9	1014.0	1014.2	1014.4
147.5°	1041.4	1041.9	1042.5	1043.1
150°	1066.9	1068.2	1069.6	1070.9
152.5°	1089.8	1091.3	1092.9	1094.4
155°	1111.8	1113.5	1115.3	1117.0
157.5°	1130.6	1132.2	1133.7	1135.3
160°	1147.4	1148.6	1149.7	1150.9
162.5°	1161.3	1162.5	1163.6	1164.8
165°	1173.5	1174.7	1175.8	1177.0
167.5°	1183.1	1184.2	1185.4	1186.6
170°	1190.9	1192.1	1193.2	1194.4
172.5°	1196.1	1197.3	1198.4	1199.6
175°	1199.9	1201.2	1202.6	1203.9
177.5°	1201.6	1203.0	1204.3	1205.7
180°	1201.3	1201.3	1201.3	1201.3

(END OF REPORT)