

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: P1000225

Luminaire Tested: SA2XXRDIP-B865D925UB2750-4F0-XX-W2A-A_2700K

Issue Date: 5/6/2025

Test Information

Test Method: LM-79-2019
Report Number: P1000225
REPORT IS A COMBINATION OF REPORTS P988785 AND P1007351
Test Lab: INNOVATION CENTER
Issue Date: 5/6/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: NEO-RAY
Catalog Number: SA2XXRDIP-B865D925UB2750-4F0-XX-W2A-A_2700K
Description: Define 2 Regressed Direct/Indirect Pendant with 2700K BioUP LEDs {m-DER=0.473}
{m-EER=0.52}
Light Source: -
Ballast/Driver: -

Summary

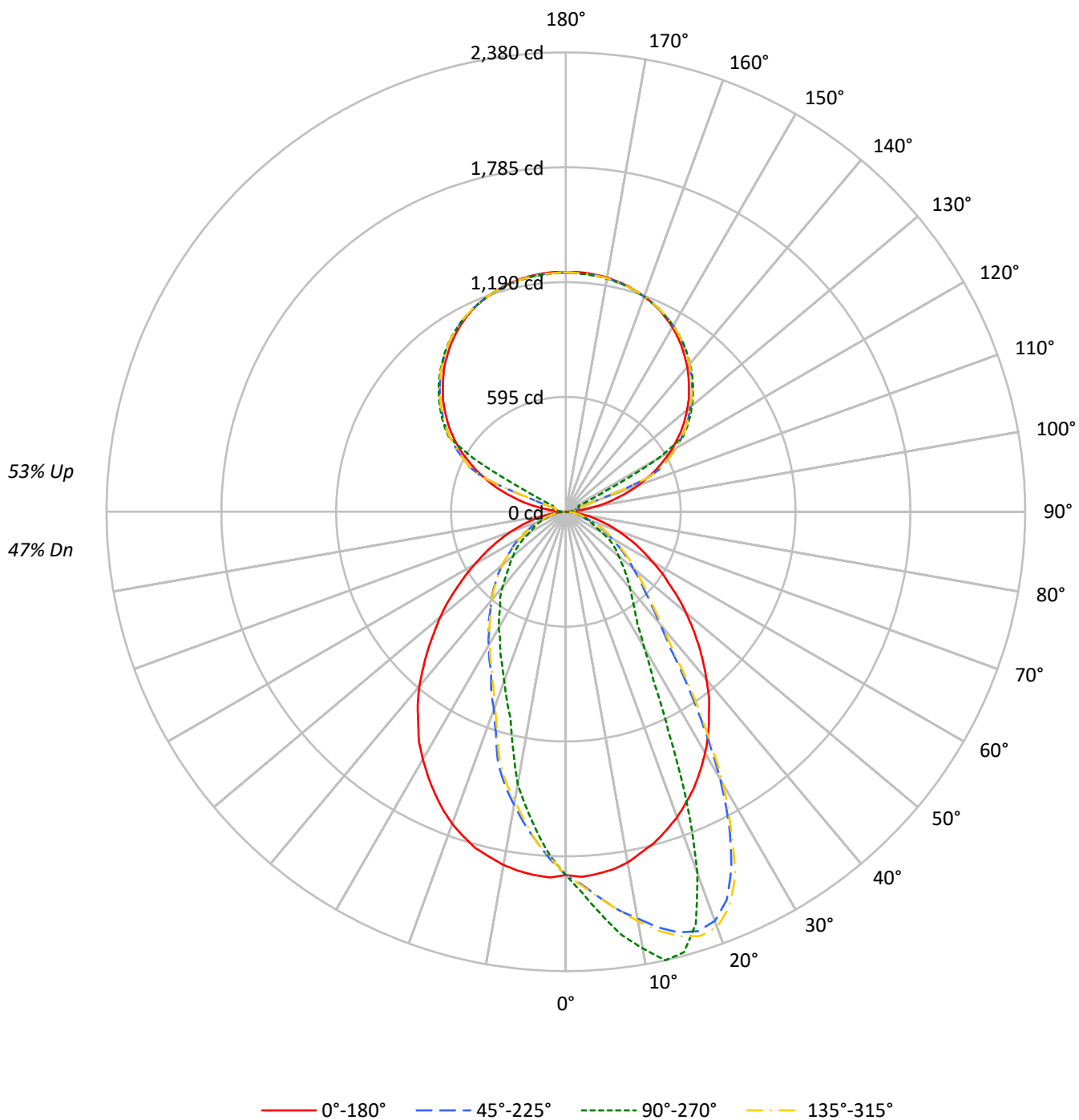
Lumens per Lamp: N/A
Luminaire Lumens: 6886.0 lumens
Efficiency: N/A
Efficacy: 91.4 lumens/watt
Spacing Criteria (0/90/45): 1.16 / 0.85 / 1.01
Luminous Opening: Rectangular w/ Sides (W: 0.17' x L: 4' x H: 0.1')
CIE Type: General Diffuse

Input Watts (W): 75.3
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT

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Luminous Intensity Polar Plot



TEST NUMBER: P1000225

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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	106	106	106	106	98	98	98	98	82	82	82	67	67	67	54	54	54	47	47	47
1	98	94	90	87	90	87	83	81	73	71	69	60	59	57	48	48	47	41	41	41
2	90	83	77	72	82	77	72	67	65	61	58	54	51	49	44	42	41	36	36	36
3	82	74	67	61	76	68	62	57	58	53	50	48	45	42	39	37	35	31	31	31
4	76	66	58	53	70	61	54	49	52	47	43	44	40	37	36	33	31	28	28	28
5	70	59	51	46	64	55	48	43	47	42	38	40	36	33	33	30	28	25	25	25
6	65	53	46	40	60	50	43	38	43	37	33	36	32	29	30	27	25	22	22	22
7	60	48	41	35	55	45	38	34	39	34	30	33	29	26	28	25	23	20	20	20
8	56	44	37	32	52	41	35	30	36	31	27	31	27	24	26	23	21	18	18	18
9	52	41	33	29	48	38	31	27	33	28	24	28	24	22	24	21	19	17	17	17
10	49	37	30	26	45	35	29	25	31	26	22	26	22	20	22	19	17	15	15	15

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	29788	29788	29788	29788
5°	29857	31640	29961	25276
10°	29529	33442	29738	20873
15°	28888	33453	29378	15680
20°	28116	27652	28729	12937
25°	27183	17278	27770	11005
30°	25989	11063	26695	9475
35°	24537	8502	25333	8108
40°	22921	7146	23900	7092
45°	21191	6082	22078	5954
50°	19420	5168	20326	5150
55°	17459	4492	18399	4432
60°	15715	3425	16547	3384
65°	14085	2577	14924	2923
70°	12291	2059	13252	2383
75°	10388	1577	11339	1803
80°	8247	1072	8878	1181
85°	5721	553	6286	583

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 165°

Vertical Angle: 45°

Luminance: 27250 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	178.5	2.6
10°-20°	498.2	7.2
20°-30°	641.2	9.3
30°-40°	608.3	8.8
40°-50°	521.3	7.6
50°-60°	397.0	5.8
60°-70°	250.4	3.6
70°-80°	124.9	1.8
80°-90°	34.3	0.5
90°-100°	40.9	0.6
100°-110°	152.3	2.2
110°-120°	403.9	5.9
120°-130°	669.8	9.7
130°-140°	711.5	10.3
140°-150°	661.3	9.6
150°-160°	531.6	7.7
160°-170°	342.6	5.0
170°-180°	117.9	1.7
0°-30°	1317.9	19.1
0°-40°	1926.2	28.0
0°-60°	2844.6	41.3
0°-90°	3254.2	47.3
90°-120°	597.0	8.7
90°-150°	2639.7	38.3
90°-180°	3632.0	52.7
0°-180°	6886.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1882	1882	1882	1882	1882	
5°	1883	2094	1890	1673	1883	179
15°	1775	2363	1805	1108	1775	499
25°	1574	1261	1608	803	1574	723
35°	1292	621	1334	592	1292	808
45°	970	432	1011	422	970	749
55°	655	300	690	296	655	590
65°	396	156	420	176	396	393
75°	186	82	203	94	186	201
85°	40	24	44	25	40	46
90°	1	24	1	24	1	6
95°	58	38	58	38	58	69
105°	272	68	272	68	272	291
115°	515	74	515	74	515	507
125°	729	766	729	766	729	650
135°	902	931	902	931	902	697
145°	1046	1062	1046	1062	1046	654
155°	1152	1153	1152	1153	1152	531
165°	1214	1211	1214	1211	1214	343
175°	1242	1234	1242	1234	1242	118
180°	1239	1239	1239	1239	1239	

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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	1881.8	1881.8	1881.8	1881.8	1881.8	1881.8	1881.8	1881.8	1881.8	1881.8	1881.8
2.5°	1893.6	1901.4	1905.3	1910.6	1922.3	1930.2	1942.0	1944.6	1943.3	1948.5	1934.1
5°	1883.1	1900.1	1915.8	1928.9	1949.8	1962.9	1977.3	1994.3	1998.2	2017.8	2006.0
7.5°	1868.7	1893.6	1915.8	1942.0	1973.3	1990.4	2012.6	2038.7	2050.5	2074.0	2080.6
10°	1845.2	1880.5	1918.4	1945.9	1989.0	2019.1	2040.0	2081.9	2109.4	2144.7	2139.4
12.5°	1807.3	1853.0	1904.0	1949.8	2006.0	2025.7	2064.9	2108.0	2143.4	2176.0	2204.8
15°	1774.6	1826.9	1883.1	1939.3	2003.4	2040.0	2079.3	2135.5	2173.4	2231.0	2255.8
17.5°	1730.1	1796.8	1863.5	1926.3	2002.1	2044.0	2092.4	2147.3	2203.5	2258.4	2278.0
20°	1684.3	1756.3	1828.2	1913.2	1999.5	2040.0	2089.7	2157.7	2212.7	2255.8	2255.8
22.5°	1629.4	1717.0	1799.4	1880.5	1974.7	2033.5	2084.5	2164.3	2203.5	2212.7	2177.4
25°	1574.5	1662.1	1752.3	1853.0	1960.3	2012.6	2070.1	2144.7	2157.7	2121.1	2029.6
27.5°	1509.1	1607.2	1709.2	1817.7	1930.2	1995.6	2047.9	2097.6	2072.7	1974.7	1832.1
30°	1442.4	1548.3	1663.4	1766.7	1902.7	1962.9	2007.4	2021.7	1943.3	1783.7	1599.3
32.5°	1373.1	1476.4	1598.0	1722.3	1859.6	1917.1	1945.9	1908.0	1764.1	1562.7	1337.8
35°	1292.0	1408.4	1535.3	1664.7	1800.7	1843.9	1860.9	1768.0	1583.6	1323.4	1099.8
37.5°	1218.8	1335.2	1471.2	1603.3	1735.3	1758.9	1741.9	1596.7	1362.6	1105.0	886.6
40°	1132.5	1256.7	1390.1	1537.9	1646.4	1653.0	1611.1	1422.8	1132.5	890.6	755.9
42.5°	1052.7	1178.3	1311.6	1462.0	1544.4	1522.2	1466.0	1218.8	945.5	767.6	659.1
45°	970.3	1089.3	1233.2	1366.6	1425.4	1373.1	1288.1	1025.3	793.8	660.4	576.7
47.5°	890.6	1001.7	1144.3	1272.4	1282.9	1224.0	1123.3	859.2	687.9	580.6	512.6
50°	812.1	923.3	1056.6	1162.6	1152.1	1071.0	957.3	746.7	597.6	512.6	456.4
52.5°	733.6	834.3	963.8	1047.5	1003.0	924.6	812.1	632.9	521.8	447.2	404.1
55°	655.2	749.3	860.5	929.8	859.2	768.9	689.2	542.7	452.5	392.3	359.6
57.5°	589.8	664.3	766.3	808.2	723.2	652.6	583.2	466.9	392.3	349.2	311.2
60°	517.9	585.9	669.6	694.4	606.8	549.2	490.4	394.9	336.1	298.2	273.3
62.5°	456.4	512.6	576.7	576.7	499.5	456.4	411.9	330.9	282.5	252.4	240.6
65°	396.2	436.8	482.5	477.3	411.9	374.0	338.7	273.3	236.7	215.8	204.0
67.5°	337.4	368.8	398.9	380.5	333.5	300.8	268.1	221.0	196.2	181.8	166.1
70°	283.8	308.6	324.3	307.3	260.2	232.8	209.2	177.8	158.2	139.9	130.8
72.5°	238.0	248.5	253.7	232.8	193.5	177.8	160.8	138.6	121.6	112.5	109.8
75°	185.7	194.9	190.9	175.2	142.5	130.8	117.7	102.0	98.1	92.8	90.2
77.5°	145.2	145.2	138.6	124.2	102.0	92.8	87.6	79.8	75.8	74.5	71.9
80°	103.3	102.0	98.1	82.4	69.3	64.1	64.1	58.8	57.5	54.9	54.9
82.5°	68.0	68.0	62.8	49.7	45.8	44.5	43.2	40.5	40.5	39.2	39.2
85°	40.5	37.9	31.4	27.5	26.2	26.2	24.8	23.5	24.8	23.5	23.5
87.5°	18.3	14.4	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5
90°	0.9	3.1	5.3	7.5	9.7	10.8	11.6	13.2	14.7	16.3	17.9
92.5°	22.4	21.6	20.8	20.0	19.2	18.8	19.1	19.7	20.3	20.9	21.5
95°	58.3	51.7	45.1	38.6	32.0	28.7	29.4	30.8	32.2	33.6	35.0
97.5°	104.9	88.6	72.2	55.9	39.6	31.4	33.0	36.2	39.3	42.5	45.7
100°	158.7	131.4	104.1	76.8	49.5	35.9	37.6	41.0	44.3	47.7	51.1
102.5°	217.8	217.4	217.0	216.6	216.2	216.0	197.9	161.6	125.4	89.1	52.9
105°	272.5	278.5	284.5	290.4	296.4	299.4	272.2	217.8	163.5	109.1	54.7
107.5°	336.2	341.2	346.2	351.1	356.1	358.6	325.0	257.9	190.8	123.6	56.5
110°	397.1	401.3	405.5	409.6	413.8	415.9	387.1	329.6	272.0	214.5	156.9

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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	454.5	458.1	461.7	465.2	468.8	470.6	468.9	465.5	462.2	458.8	455.4
115°	515.4	518.8	522.2	525.6	529.0	530.7	533.2	538.2	543.1	548.1	553.1
117.5°	568.3	572.3	576.3	580.2	584.2	586.2	587.9	591.3	594.7	598.1	601.5
120°	627.5	630.5	633.5	636.4	639.4	640.9	642.7	646.3	649.9	653.5	657.1
122.5°	677.7	680.9	684.1	687.2	690.4	692.0	694.0	698.0	702.0	706.0	710.0
125°	728.8	731.4	734.0	736.5	739.1	740.4	742.3	746.1	749.9	753.7	757.5
127.5°	775.4	778.2	781.0	783.7	786.5	787.9	789.4	792.4	795.4	798.4	801.4
130°	819.3	822.5	825.7	828.9	832.1	833.7	834.8	837.0	839.1	841.3	843.5
132.5°	864.1	866.7	869.3	871.9	874.5	875.8	876.9	879.1	881.2	883.4	885.6
135°	901.8	905.0	908.2	911.3	914.5	916.1	917.0	918.8	920.6	922.4	924.2
137.5°	941.2	943.6	946.0	948.4	950.8	952.0	953.0	955.0	956.9	958.9	960.9
140°	979.8	981.4	983.0	984.5	986.1	986.9	988.0	990.2	992.4	994.6	996.8
142.5°	1012.0	1013.4	1014.8	1016.2	1017.6	1018.3	1019.6	1022.2	1024.8	1027.4	1030.0
145°	1046.1	1045.9	1045.7	1045.5	1045.3	1045.2	1046.9	1050.3	1053.6	1057.0	1060.4
147.5°	1075.7	1075.1	1074.5	1073.9	1073.3	1073.0	1074.7	1078.1	1081.4	1084.8	1088.2
150°	1104.4	1103.0	1101.6	1100.2	1098.8	1098.1	1099.7	1102.9	1106.0	1109.2	1112.4
152.5°	1128.6	1127.0	1125.4	1123.8	1122.2	1121.4	1122.9	1125.9	1128.8	1131.8	1134.8
155°	1151.9	1150.1	1148.3	1146.5	1144.7	1143.8	1145.0	1147.4	1149.8	1152.2	1154.6
157.5°	1170.7	1169.1	1167.5	1165.9	1164.3	1163.5	1164.4	1166.2	1168.0	1169.8	1171.6
160°	1186.8	1185.6	1184.4	1183.3	1182.1	1181.5	1182.1	1183.3	1184.4	1185.6	1186.8
162.5°	1201.2	1200.0	1198.8	1197.6	1196.4	1195.8	1196.3	1197.3	1198.3	1199.3	1200.3
165°	1213.7	1212.5	1211.3	1210.2	1209.0	1208.4	1208.7	1209.3	1209.8	1210.4	1211.0
167.5°	1223.6	1222.4	1221.2	1220.0	1218.8	1218.2	1218.5	1219.1	1219.7	1220.3	1220.9
170°	1231.7	1230.5	1229.3	1228.1	1226.9	1226.3	1226.5	1226.9	1227.3	1227.7	1228.1
172.5°	1237.0	1235.8	1234.6	1233.5	1232.3	1231.7	1231.9	1232.3	1232.7	1233.1	1233.5
175°	1241.5	1240.1	1238.7	1237.3	1235.9	1235.2	1235.4	1235.8	1236.2	1236.6	1237.0
177.5°	1243.3	1241.9	1240.5	1239.1	1237.7	1237.0	1237.1	1237.3	1237.5	1237.7	1237.9
180°	1238.8	1238.8	1238.8	1238.8	1238.8	1238.8	1238.8	1238.8	1238.8	1238.8	1238.8

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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	1881.8	1881.8	1881.8	1881.8	1881.8	1881.8	1881.8	1881.8	1881.8	1881.8	1881.8
2.5°	1948.5	1951.1	1955.0	1973.3	1976.0	1981.2	1978.6	1978.6	1979.9	1977.3	1978.6
5°	2032.2	2036.1	2055.7	2078.0	2083.2	2078.0	2084.5	2093.7	2093.7	2093.7	2091.0
7.5°	2110.7	2125.0	2147.3	2180.0	2186.5	2193.0	2204.8	2197.0	2199.6	2211.4	2207.4
10°	2186.5	2207.4	2232.3	2259.7	2274.1	2283.3	2288.5	2300.3	2327.7	2296.4	2308.1
12.5°	2258.4	2288.5	2314.7	2344.7	2355.2	2367.0	2370.9	2381.4	2381.4	2380.1	2389.2
15°	2305.5	2333.0	2356.5	2376.1	2378.7	2376.1	2373.5	2374.8	2378.7	2363.1	2372.2
17.5°	2316.0	2318.6	2326.4	2318.6	2319.9	2292.4	2276.7	2272.8	2236.2	2237.5	2267.6
20°	2265.0	2220.5	2208.7	2165.6	2139.4	2068.8	2066.2	2046.6	1969.4	1993.0	1987.7
22.5°	2125.0	2049.2	1948.5	1898.8	1874.0	1799.4	1741.9	1701.3	1673.9	1646.4	1634.7
25°	1940.7	1817.7	1675.2	1577.1	1562.7	1493.4	1387.5	1337.8	1279.0	1260.6	1292.0
27.5°	1702.7	1543.1	1382.3	1231.9	1204.4	1141.6	1088.0	1052.7	984.7	980.8	983.4
30°	1379.6	1218.8	1084.1	986.0	918.0	889.2	853.9	827.8	800.3	810.8	813.4
32.5°	1133.8	980.8	855.2	802.9	771.6	753.2	723.2	706.2	694.4	690.5	689.2
35°	901.0	799.0	742.8	691.8	673.5	660.4	638.2	630.3	619.9	621.2	621.2
37.5°	771.6	686.6	644.7	618.6	601.6	595.0	580.6	572.8	566.2	563.6	567.6
40°	665.6	606.8	580.6	557.1	542.7	540.1	532.2	523.1	515.2	516.5	520.5
42.5°	588.5	554.5	523.1	504.8	494.3	490.4	483.9	477.3	477.3	473.4	472.1
45°	527.0	499.5	473.4	456.4	449.9	444.6	436.8	435.5	430.2	431.5	432.9
47.5°	472.1	449.9	430.2	413.2	406.7	405.4	397.5	392.3	392.3	391.0	389.7
50°	422.4	400.2	383.2	374.0	364.9	362.2	360.9	359.6	357.0	357.0	358.3
52.5°	381.9	359.6	346.5	338.7	333.5	330.9	330.9	329.5	329.5	329.5	328.2
55°	337.4	319.1	308.6	306.0	303.4	302.1	300.8	298.2	296.9	299.5	296.9
57.5°	295.5	289.0	279.9	277.2	270.7	270.7	266.8	264.2	261.5	264.2	264.2
60°	262.9	253.7	248.5	240.6	235.4	230.2	223.6	222.3	219.7	218.4	217.1
62.5°	228.9	221.0	207.9	196.2	188.3	183.1	180.5	179.2	179.2	177.8	177.8
65°	190.9	172.6	166.1	162.2	160.8	159.5	156.9	155.6	156.9	155.6	156.9
67.5°	149.1	146.5	142.5	139.9	138.6	137.3	137.3	136.0	136.0	136.0	136.0
70°	129.5	122.9	121.6	119.0	119.0	117.7	117.7	117.7	117.7	116.4	119.0
72.5°	107.2	103.3	102.0	100.7	100.7	100.7	99.4	99.4	99.4	98.1	99.4
75°	87.6	86.3	83.7	83.7	82.4	83.7	82.4	82.4	81.1	82.4	82.4
77.5°	70.6	69.3	68.0	68.0	66.7	66.7	66.7	66.7	66.7	66.7	68.0
80°	53.6	52.3	51.0	52.3	51.0	52.3	51.0	51.0	52.3	51.0	51.0
82.5°	39.2	37.9	37.9	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6
85°	23.5	22.2	22.2	23.5	22.2	23.5	22.2	22.2	22.2	23.5	23.5
87.5°	10.5	11.8	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	11.8
90°	18.9	19.9	20.9	21.9	22.4	22.6	23.0	23.4	23.8	24.2	23.8
92.5°	21.9	22.3	22.7	23.1	23.3	23.4	23.6	23.8	24.0	24.2	24.0
95°	36.0	37.0	37.9	38.9	39.4	39.3	39.1	38.9	38.7	38.5	38.7
97.5°	46.3	46.9	47.5	48.1	48.4	48.5	48.7	48.9	49.1	49.3	49.1
100°	52.7	54.3	55.9	57.5	58.3	58.5	58.9	59.3	59.7	60.1	59.7
102.5°	55.1	57.3	59.4	61.6	62.7	63.0	63.6	64.2	64.8	65.4	64.8
105°	56.9	59.1	61.2	63.4	64.5	64.9	65.7	66.5	67.3	68.1	67.3
107.5°	58.7	60.9	63.0	65.2	66.3	66.7	67.5	68.3	69.1	69.9	69.1
110°	137.0	117.0	97.1	77.2	67.2	67.6	68.4	69.2	70.0	70.8	70.0

TEST NUMBER: P1000225

CATALOG NUMBER: SA2XXRDIP-B865D925UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	369.5	283.7	197.8	111.9	69.0	69.3	69.9	70.5	71.1	71.7	71.1
115°	460.9	368.6	276.4	184.1	138.0	130.8	116.5	102.2	87.8	73.5	87.8
117.5°	573.0	544.5	516.0	487.5	473.3	447.2	395.0	342.8	290.6	238.4	290.6
120°	659.5	661.9	664.2	666.6	667.8	654.4	627.5	600.6	573.7	546.8	573.7
122.5°	711.2	712.4	713.5	714.7	715.3	715.4	715.6	715.8	716.0	716.2	716.0
125°	758.9	760.3	761.6	763.0	763.7	764.0	764.6	765.2	765.8	766.4	765.8
127.5°	803.4	805.4	807.4	809.4	810.4	810.5	810.7	810.8	811.0	811.2	811.0
130°	845.7	847.9	850.1	852.3	853.4	853.3	853.1	852.9	852.7	852.5	852.7
132.5°	887.4	889.2	891.0	892.8	893.7	893.6	893.4	893.2	893.0	892.8	893.0
135°	926.2	928.2	930.2	932.2	933.2	933.0	932.6	932.2	931.8	931.4	931.8
137.5°	962.9	964.9	966.9	968.9	969.9	969.6	969.0	968.4	967.8	967.2	967.8
140°	998.6	1000.4	1002.2	1004.0	1004.9	1004.4	1003.4	1002.4	1001.4	1000.4	1001.4
142.5°	1031.6	1033.2	1034.7	1036.3	1037.1	1036.6	1035.6	1034.7	1033.7	1032.7	1033.7
145°	1061.8	1063.2	1064.6	1066.0	1066.7	1066.2	1065.2	1064.2	1063.2	1062.2	1063.2
147.5°	1089.2	1090.2	1091.2	1092.2	1092.7	1092.3	1091.5	1090.7	1089.9	1089.1	1089.9
150°	1113.6	1114.8	1116.0	1117.2	1117.8	1117.3	1116.3	1115.3	1114.3	1113.3	1114.3
152.5°	1136.0	1137.2	1138.4	1139.6	1140.2	1139.5	1138.1	1136.8	1135.4	1134.0	1135.4
155°	1155.8	1157.0	1158.1	1159.3	1159.9	1159.1	1157.5	1156.0	1154.4	1152.8	1154.4
157.5°	1173.0	1174.4	1175.8	1177.2	1177.9	1177.1	1175.5	1173.9	1172.3	1170.7	1172.3
160°	1188.0	1189.2	1190.4	1191.6	1192.2	1191.5	1190.1	1188.7	1187.3	1185.9	1187.3
162.5°	1201.7	1203.1	1204.5	1205.9	1206.6	1205.7	1203.9	1202.1	1200.3	1198.5	1200.3
165°	1212.4	1213.8	1215.2	1216.6	1217.3	1216.6	1215.2	1213.8	1212.4	1211.0	1212.4
167.5°	1222.3	1223.7	1225.1	1226.5	1227.2	1226.3	1224.5	1222.7	1220.9	1219.1	1220.9
170°	1229.5	1230.9	1232.2	1233.6	1234.3	1233.4	1231.6	1229.9	1228.1	1226.3	1228.1
172.5°	1234.9	1236.3	1237.6	1239.0	1239.7	1238.8	1237.0	1235.3	1233.5	1231.7	1233.5
175°	1238.4	1239.8	1241.2	1242.6	1243.3	1242.3	1240.3	1238.3	1236.3	1234.3	1236.3
177.5°	1239.3	1240.7	1242.1	1243.5	1244.2	1243.3	1241.5	1239.7	1237.9	1236.1	1237.9
180°	1238.8	1238.8	1238.8	1238.8	1238.8	1238.8	1238.8	1238.8	1238.8	1238.8	1238.8

TEST NUMBER: P1000225

CATALOG NUMBER: SA2XXRDIP-B865D925UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	1881.8	1881.8	1881.8	1881.8	1881.8	1881.8	1881.8	1881.8	1881.8	1881.8	1881.8
2.5°	1983.8	1974.7	1972.0	1974.7	1972.0	1973.3	1964.2	1930.2	1939.3	1925.0	1932.8
5°	2096.3	2088.4	2071.4	2068.8	2066.2	2063.6	2050.5	2020.4	2008.7	1989.0	1987.7
7.5°	2203.5	2203.5	2190.4	2181.3	2169.5	2160.4	2143.4	2098.9	2080.6	2057.0	2044.0
10°	2309.4	2275.4	2289.8	2280.7	2251.9	2246.7	2215.3	2189.1	2153.8	2130.3	2109.4
12.5°	2385.3	2374.8	2361.7	2353.9	2346.0	2329.0	2308.1	2241.4	2223.1	2176.0	2152.5
15°	2382.7	2376.1	2380.1	2380.1	2377.4	2373.5	2356.5	2308.1	2276.7	2231.0	2190.4
17.5°	2254.5	2271.5	2288.5	2300.3	2326.4	2338.2	2353.9	2325.1	2305.5	2266.3	2223.1
20°	2030.9	2072.7	2122.4	2132.9	2156.4	2225.7	2257.1	2282.0	2289.8	2276.7	2241.4
22.5°	1719.7	1755.0	1875.3	1872.7	1906.7	1989.0	2080.6	2155.1	2214.0	2246.7	2233.6
25°	1347.0	1396.6	1460.7	1509.1	1620.3	1743.2	1857.0	1976.0	2078.0	2168.2	2190.4
27.5°	1018.7	1084.1	1135.1	1199.2	1255.4	1400.6	1547.0	1732.7	1851.7	2023.0	2112.0
30°	823.9	853.9	904.9	935.0	962.5	1073.6	1239.7	1422.8	1632.0	1829.5	1982.5
32.5°	703.6	724.5	762.4	775.5	804.2	878.8	983.4	1150.8	1366.6	1605.9	1807.3
35°	631.6	653.9	661.7	673.5	697.0	744.1	816.0	937.6	1132.5	1366.6	1607.2
37.5°	570.2	581.9	604.2	612.0	619.9	655.2	703.6	788.6	918.0	1110.3	1377.0
40°	527.0	533.5	545.3	551.9	557.1	581.9	625.1	682.6	778.1	924.6	1170.4
42.5°	481.2	489.1	496.9	504.8	511.3	530.9	557.1	612.0	676.1	787.2	965.1
45°	436.8	442.0	451.2	456.4	465.5	481.2	504.8	542.7	600.2	670.9	814.7
47.5°	396.2	402.8	406.7	413.2	419.8	436.8	459.0	483.9	530.9	600.2	704.9
50°	359.6	367.5	372.7	374.0	379.2	394.9	413.2	440.7	470.8	524.4	615.9
52.5°	333.5	334.8	338.7	343.9	342.6	351.8	368.8	389.7	421.1	464.2	530.9
55°	303.4	307.3	309.9	311.2	311.2	319.1	328.2	347.9	372.7	408.0	464.2
57.5°	265.5	269.4	277.2	279.9	283.8	287.7	291.6	304.7	325.6	359.6	405.4
60°	226.2	228.9	236.7	241.9	244.5	255.0	260.2	270.7	282.5	307.3	350.5
62.5°	181.8	184.4	188.3	193.5	198.8	214.5	227.5	238.0	247.2	264.2	299.5
65°	158.2	159.5	162.2	163.5	164.8	171.3	183.1	197.5	214.5	227.5	248.5
67.5°	137.3	138.6	139.9	142.5	143.8	145.2	150.4	154.3	171.3	189.6	205.3
70°	117.7	120.3	121.6	121.6	122.9	125.5	128.2	133.4	138.6	147.8	167.4
72.5°	99.4	100.7	103.3	103.3	103.3	105.9	108.5	111.2	113.8	119.0	126.8
75°	82.4	85.0	85.0	85.0	86.3	86.3	88.9	91.5	94.2	98.1	100.7
77.5°	68.0	68.0	68.0	68.0	69.3	69.3	70.6	73.2	74.5	75.8	78.5
80°	51.0	52.3	52.3	52.3	53.6	53.6	53.6	56.2	57.5	57.5	60.2
82.5°	37.9	37.9	37.9	39.2	37.9	39.2	39.2	40.5	39.2	40.5	41.8
85°	23.5	23.5	23.5	24.8	24.8	24.8	24.8	24.8	24.8	24.8	26.2
87.5°	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	13.1	11.8	11.8
90°	23.4	23.0	22.6	22.4	21.9	20.9	19.9	18.9	17.9	16.3	14.7
92.5°	23.8	23.6	23.4	23.3	23.1	22.7	22.3	21.9	21.5	20.9	20.3
95°	38.9	39.1	39.3	39.4	38.9	37.9	37.0	36.0	35.0	33.6	32.2
97.5°	48.9	48.7	48.5	48.4	48.1	47.5	46.9	46.3	45.7	42.5	39.3
100°	59.3	58.9	58.5	58.3	57.5	55.9	54.3	52.7	51.1	47.7	44.3
102.5°	64.2	63.6	63.0	62.7	61.6	59.4	57.3	55.1	52.9	49.1	45.4
105°	66.5	65.7	64.9	64.5	63.4	61.2	59.1	56.9	54.7	50.1	46.5
107.5°	68.3	67.5	66.7	66.3	65.2	63.0	60.9	58.7	56.5	52.6	49.0
110°	69.2	68.4	67.6	67.2	77.2	97.1	117.0	137.0	156.9	214.5	272.0

TEST NUMBER: P1000225

CATALOG NUMBER: SA2XXRDIP-B865D925UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	70.5	69.9	69.3	69.0	111.9	197.8	283.7	369.5	455.4	458.8	462.2
115°	102.2	116.5	130.8	138.0	184.1	276.4	368.6	460.9	553.1	548.1	543.1
117.5°	342.8	395.0	447.2	473.3	487.5	516.0	544.5	573.0	601.5	598.1	594.7
120°	600.6	627.5	654.4	667.8	666.6	664.2	661.9	659.5	657.1	653.5	649.9
122.5°	715.8	715.6	715.4	715.3	714.7	713.5	712.4	711.2	710.0	706.0	702.0
125°	765.2	764.6	764.0	763.7	763.0	761.6	760.3	758.9	757.5	753.7	749.9
127.5°	810.8	810.7	810.5	810.4	809.4	807.4	805.4	803.4	801.4	798.4	795.4
130°	852.9	853.1	853.3	853.4	852.3	850.1	847.9	845.7	843.5	841.3	839.1
132.5°	893.2	893.4	893.6	893.7	892.8	891.0	889.2	887.4	885.6	883.4	881.2
135°	932.2	932.6	933.0	933.2	932.2	930.2	928.2	926.2	924.2	922.4	920.6
137.5°	968.4	969.0	969.6	969.9	968.9	966.9	964.9	962.9	960.9	958.9	956.9
140°	1002.4	1003.4	1004.4	1004.9	1004.0	1002.2	1000.4	998.6	996.8	994.6	992.4
142.5°	1034.7	1035.6	1036.6	1037.1	1036.3	1034.7	1033.2	1031.6	1030.0	1027.4	1024.8
145°	1064.2	1065.2	1066.2	1066.7	1066.0	1064.6	1063.2	1061.8	1060.4	1057.0	1053.6
147.5°	1090.7	1091.5	1092.3	1092.7	1092.2	1091.2	1090.2	1089.2	1088.2	1084.8	1081.4
150°	1115.3	1116.3	1117.3	1117.8	1117.2	1116.0	1114.8	1113.6	1112.4	1109.2	1106.0
152.5°	1136.8	1138.1	1139.5	1140.2	1139.6	1138.4	1137.2	1136.0	1134.8	1131.8	1128.8
155°	1156.0	1157.5	1159.1	1159.9	1159.3	1158.1	1157.0	1155.8	1154.6	1152.2	1149.8
157.5°	1173.9	1175.5	1177.1	1177.9	1177.2	1175.8	1174.4	1173.0	1171.6	1169.8	1168.0
160°	1188.7	1190.1	1191.5	1192.2	1191.6	1190.4	1189.2	1188.0	1186.8	1185.6	1184.4
162.5°	1202.1	1203.9	1205.7	1206.6	1205.9	1204.5	1203.1	1201.7	1200.3	1199.3	1198.3
165°	1213.8	1215.2	1216.6	1217.3	1216.6	1215.2	1213.8	1212.4	1211.0	1210.4	1209.8
167.5°	1222.7	1224.5	1226.3	1227.2	1226.5	1225.1	1223.7	1222.3	1220.9	1220.3	1219.7
170°	1229.9	1231.6	1233.4	1234.3	1233.6	1232.2	1230.9	1229.5	1228.1	1227.7	1227.3
172.5°	1235.3	1237.0	1238.8	1239.7	1239.0	1237.6	1236.3	1234.9	1233.5	1233.1	1232.7
175°	1238.3	1240.3	1242.3	1243.3	1242.6	1241.2	1239.8	1238.4	1237.0	1236.6	1236.2
177.5°	1239.7	1241.5	1243.3	1244.2	1243.5	1242.1	1240.7	1239.3	1237.9	1237.7	1237.5
180°	1238.8	1238.8	1238.8	1238.8	1238.8	1238.8	1238.8	1238.8	1238.8	1238.8	1238.8

TEST NUMBER: P1000225

CATALOG NUMBER: SA2XXRDIP-B865D925UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
0°	1881.8	1881.8	1881.8	1881.8	1881.8	1881.8	1881.8	1881.8	1881.8	1881.8	1881.8
2.5°	1921.0	1914.5	1914.5	1910.6	1910.6	1889.7	1889.7	1896.2	1888.3	1879.2	1866.1
5°	1970.7	1956.3	1952.4	1947.2	1930.2	1904.0	1893.6	1889.7	1874.0	1854.3	1832.1
7.5°	2017.8	1994.3	1982.5	1970.7	1948.5	1911.9	1891.0	1876.6	1853.0	1823.0	1794.2
10°	2063.6	2033.5	2003.4	1989.0	1957.7	1911.9	1881.8	1858.3	1824.3	1783.7	1743.2
12.5°	2105.4	2042.7	2037.4	2008.7	1962.9	1910.6	1864.8	1830.8	1787.7	1740.6	1693.5
15°	2142.0	2078.0	2046.6	2020.4	1960.3	1894.9	1846.5	1804.7	1747.1	1693.5	1636.0
17.5°	2160.4	2091.0	2070.1	2027.0	1965.5	1880.5	1815.1	1764.1	1701.3	1637.3	1571.9
20°	2178.7	2097.6	2063.6	2033.5	1949.8	1853.0	1779.8	1721.0	1651.7	1575.8	1503.9
22.5°	2187.8	2097.6	2057.0	2015.2	1934.1	1823.0	1736.7	1667.3	1586.3	1509.1	1422.8
25°	2172.1	2089.7	2041.4	1998.2	1906.7	1786.3	1687.0	1608.5	1522.2	1434.6	1347.0
27.5°	2132.9	2071.4	2015.2	1970.7	1868.7	1739.3	1634.7	1545.7	1456.8	1358.7	1269.8
30°	2059.7	2032.2	1987.7	1938.0	1826.9	1697.4	1573.2	1481.6	1383.6	1285.5	1192.6
32.5°	1945.9	1969.4	1940.7	1897.5	1777.2	1639.9	1507.8	1415.0	1307.7	1201.8	1116.8
35°	1807.3	1891.0	1875.3	1845.2	1724.9	1578.4	1446.3	1333.9	1226.6	1119.4	1034.4
37.5°	1655.6	1782.4	1795.5	1777.2	1664.7	1515.6	1370.5	1260.6	1150.8	1042.3	955.9
40°	1447.6	1642.5	1684.3	1692.2	1602.0	1439.8	1288.1	1180.9	1072.3	966.4	861.8
42.5°	1256.7	1502.6	1554.9	1587.6	1522.2	1365.3	1212.3	1093.3	986.0	890.6	785.9
45°	1077.6	1333.9	1418.9	1460.7	1432.0	1280.3	1122.0	1010.9	912.8	825.2	724.5
47.5°	893.2	1150.8	1269.8	1336.5	1336.5	1193.9	1035.7	925.9	831.7	757.2	668.2
50°	770.2	984.7	1107.6	1195.3	1218.8	1106.3	957.3	850.0	761.1	680.0	612.0
52.5°	656.5	848.7	950.7	1042.3	1110.3	1012.2	869.6	772.9	685.2	609.4	555.8
55°	567.6	711.4	804.2	904.9	980.8	916.7	784.6	690.5	614.6	551.9	506.1
57.5°	482.5	608.1	683.9	772.9	853.9	805.6	699.6	618.6	551.9	496.9	456.4
60°	410.6	512.6	571.5	640.8	741.5	707.5	619.9	545.3	491.7	442.0	408.0
62.5°	349.2	430.2	479.9	529.6	621.2	605.5	537.5	479.9	434.2	392.3	363.5
65°	286.4	353.1	392.3	435.5	508.7	515.2	460.3	419.8	377.9	341.3	315.2
67.5°	231.5	283.8	319.1	355.7	414.5	432.9	394.9	360.9	325.6	295.5	272.0
70°	187.0	223.6	249.8	278.5	326.9	349.2	329.5	306.0	277.2	252.4	231.5
72.5°	147.8	171.3	187.0	209.2	248.5	270.7	269.4	248.5	227.5	210.5	193.5
75°	108.5	126.8	139.9	154.3	185.7	206.6	211.9	202.7	181.8	168.7	155.6
77.5°	82.4	92.8	99.4	109.8	132.1	150.4	158.2	155.6	141.2	130.8	121.6
80°	62.8	65.4	68.0	71.9	90.2	107.2	112.5	111.2	103.3	99.4	88.9
82.5°	44.5	45.8	47.1	48.4	54.9	69.3	74.5	77.2	70.6	66.7	57.5
85°	26.2	27.5	27.5	30.1	31.4	35.3	44.5	44.5	43.2	37.9	36.6
87.5°	13.1	13.1	11.8	11.8	13.1	14.4	17.0	19.6	17.0	15.7	14.4
90°	13.2	11.6	10.8	9.7	7.5	5.3	3.1	0.9	3.1	5.3	7.5
92.5°	19.7	19.1	18.8	19.2	20.0	20.8	21.6	22.4	21.6	20.8	20.0
95°	30.8	29.4	28.7	32.0	38.6	45.1	51.7	58.3	51.7	45.1	38.6
97.5°	36.2	33.0	31.4	39.6	55.9	72.2	88.6	104.9	88.6	72.2	55.9
100°	41.0	37.6	35.9	49.5	76.8	104.1	131.4	158.7	131.4	104.1	76.8
102.5°	161.6	197.9	216.0	216.2	216.6	217.0	217.4	217.8	217.4	217.0	216.6
105°	217.8	272.2	299.4	296.4	290.4	284.5	278.5	272.5	278.5	284.5	290.4
107.5°	257.9	325.0	358.6	356.1	351.1	346.2	341.2	336.2	341.2	346.2	351.1
110°	329.6	387.1	415.9	413.8	409.6	405.5	401.3	397.1	401.3	405.5	409.6

TEST NUMBER: P1000225

CATALOG NUMBER: SA2XXRDIP-B865D925UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
112.5°	465.5	468.9	470.6	468.8	465.2	461.7	458.1	454.5	458.1	461.7	465.2
115°	538.2	533.2	530.7	529.0	525.6	522.2	518.8	515.4	518.8	522.2	525.6
117.5°	591.3	587.9	586.2	584.2	580.2	576.3	572.3	568.3	572.3	576.3	580.2
120°	646.3	642.7	640.9	639.4	636.4	633.5	630.5	627.5	630.5	633.5	636.4
122.5°	698.0	694.0	692.0	690.4	687.2	684.1	680.9	677.7	680.9	684.1	687.2
125°	746.1	742.3	740.4	739.1	736.5	734.0	731.4	728.8	731.4	734.0	736.5
127.5°	792.4	789.4	787.9	786.5	783.7	781.0	778.2	775.4	778.2	781.0	783.7
130°	837.0	834.8	833.7	832.1	828.9	825.7	822.5	819.3	822.5	825.7	828.9
132.5°	879.1	876.9	875.8	874.5	871.9	869.3	866.7	864.1	866.7	869.3	871.9
135°	918.8	917.0	916.1	914.5	911.3	908.2	905.0	901.8	905.0	908.2	911.3
137.5°	955.0	953.0	952.0	950.8	948.4	946.0	943.6	941.2	943.6	946.0	948.4
140°	990.2	988.0	986.9	986.1	984.5	983.0	981.4	979.8	981.4	983.0	984.5
142.5°	1022.2	1019.6	1018.3	1017.6	1016.2	1014.8	1013.4	1012.0	1013.4	1014.8	1016.2
145°	1050.3	1046.9	1045.2	1045.3	1045.5	1045.7	1045.9	1046.1	1045.9	1045.7	1045.5
147.5°	1078.1	1074.7	1073.0	1073.3	1073.9	1074.5	1075.1	1075.7	1075.1	1074.5	1073.9
150°	1102.9	1099.7	1098.1	1098.8	1100.2	1101.6	1103.0	1104.4	1103.0	1101.6	1100.2
152.5°	1125.9	1122.9	1121.4	1122.2	1123.8	1125.4	1127.0	1128.6	1127.0	1125.4	1123.8
155°	1147.4	1145.0	1143.8	1144.7	1146.5	1148.3	1150.1	1151.9	1150.1	1148.3	1146.5
157.5°	1166.2	1164.4	1163.5	1164.3	1165.9	1167.5	1169.1	1170.7	1169.1	1167.5	1165.9
160°	1183.3	1182.1	1181.5	1182.1	1183.3	1184.4	1185.6	1186.8	1185.6	1184.4	1183.3
162.5°	1197.3	1196.3	1195.8	1196.4	1197.6	1198.8	1200.0	1201.2	1200.0	1198.8	1197.6
165°	1209.3	1208.7	1208.4	1209.0	1210.2	1211.3	1212.5	1213.7	1212.5	1211.3	1210.2
167.5°	1219.1	1218.5	1218.2	1218.8	1220.0	1221.2	1222.4	1223.6	1222.4	1221.2	1220.0
170°	1226.9	1226.5	1226.3	1226.9	1228.1	1229.3	1230.5	1231.7	1230.5	1229.3	1228.1
172.5°	1232.3	1231.9	1231.7	1232.3	1233.5	1234.6	1235.8	1237.0	1235.8	1234.6	1233.5
175°	1235.8	1235.4	1235.2	1235.9	1237.3	1238.7	1240.1	1241.5	1240.1	1238.7	1237.3
177.5°	1237.3	1237.1	1237.0	1237.7	1239.1	1240.5	1241.9	1243.3	1241.9	1240.5	1239.1
180°	1238.8	1238.8	1238.8	1238.8	1238.8	1238.8	1238.8	1238.8	1238.8	1238.8	1238.8

TEST NUMBER: P1000225

CATALOG NUMBER: SA2XXRDIP-B865D925UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
0°	1881.8	1881.8	1881.8	1881.8	1881.8	1881.8	1881.8	1881.8	1881.8	1881.8	1881.8
2.5°	1860.9	1862.2	1866.1	1854.3	1836.0	1828.2	1804.7	1800.7	1796.8	1796.8	1800.7
5°	1819.0	1813.8	1815.1	1792.9	1766.7	1751.0	1718.3	1723.6	1706.6	1696.1	1698.7
7.5°	1773.3	1758.9	1757.6	1728.8	1696.1	1667.3	1633.3	1625.5	1609.8	1591.5	1583.6
10°	1715.7	1705.3	1685.7	1653.0	1611.1	1587.6	1541.8	1514.3	1510.4	1483.0	1472.5
12.5°	1656.9	1638.6	1619.0	1573.2	1526.1	1488.2	1454.2	1424.1	1403.2	1379.6	1364.0
15°	1588.9	1566.6	1544.4	1496.0	1441.1	1403.2	1352.2	1307.7	1246.3	1197.9	1170.4
17.5°	1514.3	1489.5	1459.4	1405.8	1352.2	1299.9	1205.7	1153.4	1110.3	1081.5	1064.5
20°	1437.2	1409.7	1379.6	1326.0	1233.2	1141.6	1089.3	1048.8	1022.6	993.9	972.9
22.5°	1356.1	1327.3	1294.6	1210.9	1112.9	1048.8	1008.3	970.3	932.4	916.7	906.3
25°	1280.3	1254.1	1212.3	1098.5	1021.3	962.5	916.7	891.9	872.2	851.3	831.7
27.5°	1201.8	1153.4	1094.6	999.1	950.7	890.6	857.9	839.6	805.6	791.2	782.0
30°	1107.6	1054.0	997.8	929.8	873.6	831.7	801.6	771.6	751.9	737.6	721.9
32.5°	1012.2	961.2	925.9	855.2	813.4	770.2	741.5	723.2	694.4	685.2	678.7
35°	929.8	886.6	855.2	797.7	758.5	719.2	698.3	670.9	652.6	635.6	625.1
37.5°	848.7	825.2	792.5	744.1	702.2	670.9	642.1	632.9	608.1	598.9	588.5
40°	792.5	757.2	729.7	687.9	652.6	618.6	600.2	579.3	562.3	547.9	544.0
42.5°	724.5	698.3	682.6	636.9	600.2	580.6	558.4	534.9	521.8	510.0	495.6
45°	673.5	649.9	627.7	591.1	558.4	533.5	513.9	498.2	476.0	470.8	448.5
47.5°	619.9	596.3	579.3	542.7	512.6	489.1	474.7	453.8	435.5	423.7	413.2
50°	566.2	546.6	530.9	499.5	473.4	448.5	428.9	408.0	400.2	380.5	374.0
52.5°	515.2	502.2	485.2	455.1	428.9	408.0	387.1	370.1	358.3	347.9	340.0
55°	472.1	451.2	443.3	410.6	388.4	366.2	347.9	337.4	323.0	316.5	309.9
57.5°	423.7	411.9	398.9	374.0	349.2	328.2	315.2	299.5	291.6	283.8	278.5
60°	381.9	364.9	354.4	333.5	311.2	291.6	279.9	268.1	257.6	251.1	240.6
62.5°	333.5	320.4	313.9	291.6	273.3	255.0	244.5	232.8	224.9	213.2	200.1
65°	291.6	281.2	273.3	255.0	238.0	221.0	210.5	196.2	185.7	179.2	177.8
67.5°	255.0	247.2	235.4	218.4	201.4	188.3	176.5	164.8	163.5	160.8	160.8
70°	214.5	206.6	200.1	181.8	167.4	153.0	150.4	146.5	142.5	141.2	138.6
72.5°	179.2	172.6	164.8	149.1	134.7	130.8	128.2	125.5	121.6	120.3	119.0
75°	145.2	136.0	130.8	116.4	112.5	109.8	107.2	103.3	100.7	99.4	96.8
77.5°	111.2	102.0	102.0	94.2	91.5	87.6	85.0	82.4	81.1	78.5	78.5
80°	78.5	78.5	75.8	71.9	68.0	66.7	62.8	61.5	60.2	61.5	58.8
82.5°	57.5	52.3	52.3	49.7	47.1	45.8	43.2	43.2	41.8	41.8	41.8
85°	32.7	32.7	31.4	28.8	27.5	27.5	26.2	26.2	24.8	24.8	23.5
87.5°	13.1	11.8	13.1	11.8	11.8	10.5	10.5	10.5	9.2	10.5	9.2
90°	9.7	10.8	11.6	13.2	14.7	16.3	17.9	18.9	19.9	20.9	21.9
92.5°	19.2	18.8	19.1	19.7	20.3	20.9	21.5	21.9	22.3	22.7	23.1
95°	32.0	28.7	29.4	30.8	32.2	33.6	35.0	36.0	37.0	37.9	38.9
97.5°	39.6	31.4	33.0	36.2	39.3	42.5	45.7	46.3	46.9	47.5	48.1
100°	49.5	35.9	37.6	41.0	44.3	47.7	51.1	52.7	54.3	55.9	57.5
102.5°	216.2	216.0	197.9	161.6	125.4	89.1	52.9	55.1	57.3	59.4	61.6
105°	296.4	299.4	272.2	217.8	163.5	109.1	54.7	56.9	59.1	61.2	63.4
107.5°	356.1	358.6	325.0	257.9	190.8	123.6	56.5	58.7	60.9	63.0	65.2
110°	413.8	415.9	387.1	329.6	272.0	214.5	156.9	137.0	117.0	97.1	77.2

TEST NUMBER: P1000225

CATALOG NUMBER: SA2XXRDIP-B865D925UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
112.5°	468.8	470.6	468.9	465.5	462.2	458.8	455.4	369.5	283.7	197.8	111.9
115°	529.0	530.7	533.2	538.2	543.1	548.1	553.1	460.9	368.6	276.4	184.1
117.5°	584.2	586.2	587.9	591.3	594.7	598.1	601.5	573.0	544.5	516.0	487.5
120°	639.4	640.9	642.7	646.3	649.9	653.5	657.1	659.5	661.9	664.2	666.6
122.5°	690.4	692.0	694.0	698.0	702.0	706.0	710.0	711.2	712.4	713.5	714.7
125°	739.1	740.4	742.3	746.1	749.9	753.7	757.5	758.9	760.3	761.6	763.0
127.5°	786.5	787.9	789.4	792.4	795.4	798.4	801.4	803.4	805.4	807.4	809.4
130°	832.1	833.7	834.8	837.0	839.1	841.3	843.5	845.7	847.9	850.1	852.3
132.5°	874.5	875.8	876.9	879.1	881.2	883.4	885.6	887.4	889.2	891.0	892.8
135°	914.5	916.1	917.0	918.8	920.6	922.4	924.2	926.2	928.2	930.2	932.2
137.5°	950.8	952.0	953.0	955.0	956.9	958.9	960.9	962.9	964.9	966.9	968.9
140°	986.1	986.9	988.0	990.2	992.4	994.6	996.8	998.6	1000.4	1002.2	1004.0
142.5°	1017.6	1018.3	1019.6	1022.2	1024.8	1027.4	1030.0	1031.6	1033.2	1034.7	1036.3
145°	1045.3	1045.2	1046.9	1050.3	1053.6	1057.0	1060.4	1061.8	1063.2	1064.6	1066.0
147.5°	1073.3	1073.0	1074.7	1078.1	1081.4	1084.8	1088.2	1089.2	1090.2	1091.2	1092.2
150°	1098.8	1098.1	1099.7	1102.9	1106.0	1109.2	1112.4	1113.6	1114.8	1116.0	1117.2
152.5°	1122.2	1121.4	1122.9	1125.9	1128.8	1131.8	1134.8	1136.0	1137.2	1138.4	1139.6
155°	1144.7	1143.8	1145.0	1147.4	1149.8	1152.2	1154.6	1155.8	1157.0	1158.1	1159.3
157.5°	1164.3	1163.5	1164.4	1166.2	1168.0	1169.8	1171.6	1173.0	1174.4	1175.8	1177.2
160°	1182.1	1181.5	1182.1	1183.3	1184.4	1185.6	1186.8	1188.0	1189.2	1190.4	1191.6
162.5°	1196.4	1195.8	1196.3	1197.3	1198.3	1199.3	1200.3	1201.7	1203.1	1204.5	1205.9
165°	1209.0	1208.4	1208.7	1209.3	1209.8	1210.4	1211.0	1212.4	1213.8	1215.2	1216.6
167.5°	1218.8	1218.2	1218.5	1219.1	1219.7	1220.3	1220.9	1222.3	1223.7	1225.1	1226.5
170°	1226.9	1226.3	1226.5	1226.9	1227.3	1227.7	1228.1	1229.5	1230.9	1232.2	1233.6
172.5°	1232.3	1231.7	1231.9	1232.3	1232.7	1233.1	1233.5	1234.9	1236.3	1237.6	1239.0
175°	1235.9	1235.2	1235.4	1235.8	1236.2	1236.6	1237.0	1238.4	1239.8	1241.2	1242.6
177.5°	1237.7	1237.0	1237.1	1237.3	1237.5	1237.7	1237.9	1239.3	1240.7	1242.1	1243.5
180°	1238.8	1238.8	1238.8	1238.8	1238.8	1238.8	1238.8	1238.8	1238.8	1238.8	1238.8

TEST NUMBER: P1000225

CATALOG NUMBER: SA2XXRDIP-B865D925UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
0°	1881.8	1881.8	1881.8	1881.8	1881.8	1881.8	1881.8	1881.8	1881.8	1881.8	1881.8
2.5°	1800.7	1798.1	1790.3	1792.9	1789.0	1789.0	1786.3	1786.3	1786.3	1792.9	1789.0
5°	1702.7	1693.5	1684.3	1680.4	1676.5	1672.6	1672.6	1671.3	1683.0	1680.4	1690.9
7.5°	1581.0	1578.4	1560.1	1560.1	1553.6	1551.0	1557.5	1558.8	1560.1	1562.7	1569.3
10°	1472.5	1466.0	1439.8	1442.4	1438.5	1433.3	1437.2	1434.6	1443.7	1446.3	1443.7
12.5°	1344.3	1332.6	1303.8	1289.4	1273.7	1261.9	1276.3	1265.9	1302.5	1313.0	1341.7
15°	1174.3	1152.1	1132.5	1132.5	1118.1	1107.6	1114.2	1125.9	1133.8	1145.6	1150.8
17.5°	1060.6	1051.4	1035.7	1026.6	1022.6	1018.7	1018.7	1023.9	1040.9	1039.6	1050.1
20°	963.8	958.6	950.7	938.9	935.0	932.4	932.4	932.4	944.2	954.6	961.2
22.5°	897.1	893.2	887.9	872.2	864.4	861.8	868.3	872.2	881.4	889.2	895.8
25°	830.4	821.2	812.1	806.9	802.9	802.9	805.6	806.9	810.8	814.7	822.6
27.5°	775.5	768.9	755.9	741.5	741.5	737.6	740.2	742.8	751.9	765.0	771.6
30°	714.0	712.7	707.5	702.2	697.0	694.4	699.6	703.6	704.9	711.4	711.4
32.5°	669.6	660.4	651.2	646.0	643.4	642.1	643.4	648.6	648.6	656.5	665.6
35°	625.1	619.9	610.7	601.6	598.9	592.4	597.6	602.9	612.0	615.9	619.9
37.5°	576.7	570.2	566.2	563.6	558.4	559.7	555.8	563.6	571.5	570.2	572.8
40°	540.1	528.3	516.5	515.2	513.9	512.6	512.6	513.9	519.2	524.4	532.2
42.5°	493.0	489.1	478.6	468.2	465.5	462.9	460.3	465.5	476.0	485.2	489.1
45°	444.6	439.4	436.8	428.9	423.7	422.4	419.8	426.3	435.5	439.4	442.0
47.5°	400.2	398.9	391.0	392.3	388.4	389.7	388.4	392.3	392.3	396.2	398.9
50°	370.1	366.2	362.2	359.6	355.7	355.7	354.4	355.7	360.9	366.2	364.9
52.5°	340.0	333.5	332.2	330.9	328.2	330.9	326.9	328.2	333.5	336.1	334.8
55°	304.7	303.4	300.8	298.2	296.9	295.5	295.5	295.5	300.8	304.7	306.0
57.5°	277.2	270.7	265.5	265.5	260.2	258.9	261.5	262.9	266.8	269.4	272.0
60°	239.3	236.7	228.9	224.9	217.1	215.8	215.8	221.0	227.5	236.7	239.3
62.5°	198.8	194.9	193.5	193.5	193.5	193.5	193.5	193.5	193.5	194.9	194.9
65°	176.5	177.8	176.5	175.2	176.5	176.5	175.2	175.2	175.2	176.5	177.8
67.5°	158.2	156.9	158.2	156.9	155.6	155.6	154.3	155.6	156.9	158.2	158.2
70°	137.3	137.3	136.0	137.3	136.0	134.7	133.4	133.4	136.0	137.3	137.3
72.5°	117.7	117.7	116.4	116.4	113.8	113.8	115.1	113.8	113.8	117.7	117.7
75°	98.1	96.8	95.5	95.5	94.2	94.2	94.2	92.8	95.5	95.5	96.8
77.5°	77.2	77.2	77.2	75.8	75.8	74.5	74.5	75.8	75.8	75.8	77.2
80°	58.8	58.8	58.8	57.5	56.2	56.2	56.2	56.2	56.2	57.5	56.2
82.5°	40.5	40.5	40.5	40.5	40.5	39.2	39.2	39.2	40.5	40.5	39.2
85°	24.8	23.5	24.8	24.8	23.5	24.8	23.5	23.5	22.2	22.2	23.5
87.5°	10.5	9.2	7.8	7.8	9.2	7.8	7.8	7.8	9.2	7.8	7.8
90°	22.4	22.6	23.0	23.4	23.8	24.2	23.8	23.4	23.0	22.6	22.4
92.5°	23.3	23.4	23.6	23.8	24.0	24.2	24.0	23.8	23.6	23.4	23.3
95°	39.4	39.3	39.1	38.9	38.7	38.5	38.7	38.9	39.1	39.3	39.4
97.5°	48.4	48.5	48.7	48.9	49.1	49.3	49.1	48.9	48.7	48.5	48.4
100°	58.3	58.5	58.9	59.3	59.7	60.1	59.7	59.3	58.9	58.5	58.3
102.5°	62.7	63.0	63.6	64.2	64.8	65.4	64.8	64.2	63.6	63.0	62.7
105°	64.5	64.9	65.7	66.5	67.3	68.1	67.3	66.5	65.7	64.9	64.5
107.5°	66.3	66.7	67.5	68.3	69.1	69.9	69.1	68.3	67.5	66.7	66.3
110°	67.2	67.6	68.4	69.2	70.0	70.8	70.0	69.2	68.4	67.6	67.2



TEST NUMBER: P1000225

CATALOG NUMBER: SA2XXRDIP-B865D925UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
112.5°	69.0	69.3	69.9	70.5	71.1	71.7	71.1	70.5	69.9	69.3	69.0
115°	138.0	130.8	116.5	102.2	87.8	73.5	87.8	102.2	116.5	130.8	138.0
117.5°	473.3	447.2	395.0	342.8	290.6	238.4	290.6	342.8	395.0	447.2	473.3
120°	667.8	654.4	627.5	600.6	573.7	546.8	573.7	600.6	627.5	654.4	667.8
122.5°	715.3	715.4	715.6	715.8	716.0	716.2	716.0	715.8	715.6	715.4	715.3
125°	763.7	764.0	764.6	765.2	765.8	766.4	765.8	765.2	764.6	764.0	763.7
127.5°	810.4	810.5	810.7	810.8	811.0	811.2	811.0	810.8	810.7	810.5	810.4
130°	853.4	853.3	853.1	852.9	852.7	852.5	852.7	852.9	853.1	853.3	853.4
132.5°	893.7	893.6	893.4	893.2	893.0	892.8	893.0	893.2	893.4	893.6	893.7
135°	933.2	933.0	932.6	932.2	931.8	931.4	931.8	932.2	932.6	933.0	933.2
137.5°	969.9	969.6	969.0	968.4	967.8	967.2	967.8	968.4	969.0	969.6	969.9
140°	1004.9	1004.4	1003.4	1002.4	1001.4	1000.4	1001.4	1002.4	1003.4	1004.4	1004.9
142.5°	1037.1	1036.6	1035.6	1034.7	1033.7	1032.7	1033.7	1034.7	1035.6	1036.6	1037.1
145°	1066.7	1066.2	1065.2	1064.2	1063.2	1062.2	1063.2	1064.2	1065.2	1066.2	1066.7
147.5°	1092.7	1092.3	1091.5	1090.7	1089.9	1089.1	1089.9	1090.7	1091.5	1092.3	1092.7
150°	1117.8	1117.3	1116.3	1115.3	1114.3	1113.3	1114.3	1115.3	1116.3	1117.3	1117.8
152.5°	1140.2	1139.5	1138.1	1136.8	1135.4	1134.0	1135.4	1136.8	1138.1	1139.5	1140.2
155°	1159.9	1159.1	1157.5	1156.0	1154.4	1152.8	1154.4	1156.0	1157.5	1159.1	1159.9
157.5°	1177.9	1177.1	1175.5	1173.9	1172.3	1170.7	1172.3	1173.9	1175.5	1177.1	1177.9
160°	1192.2	1191.5	1190.1	1188.7	1187.3	1185.9	1187.3	1188.7	1190.1	1191.5	1192.2
162.5°	1206.6	1205.7	1203.9	1202.1	1200.3	1198.5	1200.3	1202.1	1203.9	1205.7	1206.6
165°	1217.3	1216.6	1215.2	1213.8	1212.4	1211.0	1212.4	1213.8	1215.2	1216.6	1217.3
167.5°	1227.2	1226.3	1224.5	1222.7	1220.9	1219.1	1220.9	1222.7	1224.5	1226.3	1227.2
170°	1234.3	1233.4	1231.6	1229.9	1228.1	1226.3	1228.1	1229.9	1231.6	1233.4	1234.3
172.5°	1239.7	1238.8	1237.0	1235.3	1233.5	1231.7	1233.5	1235.3	1237.0	1238.8	1239.7
175°	1243.3	1242.3	1240.3	1238.3	1236.3	1234.3	1236.3	1238.3	1240.3	1242.3	1243.3
177.5°	1244.2	1243.3	1241.5	1239.7	1237.9	1236.1	1237.9	1239.7	1241.5	1243.3	1244.2
180°	1238.8	1238.8	1238.8	1238.8	1238.8	1238.8	1238.8	1238.8	1238.8	1238.8	1238.8

TEST NUMBER: P1000225

CATALOG NUMBER: SA2XXRDIP-B865D925UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
0°	1881.8	1881.8	1881.8	1881.8	1881.8	1881.8	1881.8	1881.8	1881.8	1881.8	1881.8
2.5°	1792.9	1799.4	1796.8	1782.4	1796.8	1800.7	1808.6	1816.4	1821.7	1829.5	1836.0
5°	1680.4	1693.5	1701.3	1693.5	1719.7	1723.6	1741.9	1752.3	1768.0	1781.1	1791.6
7.5°	1574.5	1585.0	1600.6	1603.3	1619.0	1637.3	1663.4	1689.6	1714.4	1727.5	1739.3
10°	1460.7	1479.0	1502.6	1497.3	1520.9	1549.6	1577.1	1619.0	1639.9	1663.4	1684.3
12.5°	1347.0	1358.7	1390.1	1400.6	1434.6	1456.8	1494.7	1520.9	1573.2	1600.6	1619.0
15°	1148.2	1196.6	1235.8	1282.9	1327.3	1369.2	1403.2	1450.3	1496.0	1517.0	1547.0
17.5°	1057.9	1080.2	1103.7	1127.3	1184.8	1259.3	1319.5	1370.5	1409.7	1437.2	1472.5
20°	963.8	986.0	1012.2	1034.4	1069.7	1123.3	1197.9	1285.5	1332.6	1361.3	1395.3
22.5°	897.1	918.0	935.0	954.6	982.1	1021.3	1077.6	1186.1	1248.9	1284.2	1314.3
25°	825.2	851.3	869.6	884.0	906.3	949.4	995.2	1056.6	1169.1	1196.6	1238.4
27.5°	775.5	783.3	804.2	826.5	848.7	872.2	919.3	971.6	1047.5	1107.6	1158.6
30°	716.6	736.2	755.9	765.0	784.6	818.6	847.4	903.6	962.5	1009.6	1071.0
32.5°	672.2	683.9	697.0	719.2	737.6	761.1	789.9	836.9	886.6	916.7	963.8
35°	622.5	630.3	657.8	666.9	685.2	708.8	737.6	774.2	827.8	851.3	885.3
37.5°	575.4	593.7	601.6	622.5	639.5	663.0	683.9	725.8	761.1	788.6	819.9
40°	538.8	546.6	561.0	579.3	593.7	612.0	638.2	668.2	706.2	728.4	755.9
42.5°	494.3	500.9	519.2	529.6	553.2	570.2	585.9	622.5	656.5	673.5	700.9
45°	445.9	461.6	473.4	494.3	507.4	528.3	547.9	574.1	605.5	625.1	640.8
47.5°	404.1	419.8	431.5	451.2	472.1	481.2	502.2	529.6	558.4	574.1	596.3
50°	370.1	375.3	397.5	406.7	428.9	447.2	461.6	485.2	516.5	525.7	544.0
52.5°	337.4	341.3	355.7	367.5	387.1	402.8	421.1	443.3	469.5	483.9	498.2
55°	308.6	311.2	317.8	330.9	343.9	363.5	380.5	401.5	423.7	439.4	452.5
57.5°	275.9	281.2	286.4	294.2	307.3	325.6	343.9	363.5	381.9	392.3	409.3
60°	238.0	245.9	255.0	264.2	273.3	286.4	307.3	325.6	342.6	351.8	364.9
62.5°	197.5	213.2	221.0	231.5	239.3	251.1	266.8	287.7	299.5	311.2	321.7
65°	177.8	179.2	180.5	190.9	205.3	217.1	231.5	247.2	265.5	273.3	281.2
67.5°	158.2	159.5	162.2	163.5	168.7	181.8	197.5	214.5	228.9	234.1	241.9
70°	138.6	138.6	143.8	145.2	146.5	147.8	160.8	177.8	190.9	197.5	206.6
72.5°	117.7	119.0	121.6	122.9	125.5	128.2	132.1	141.2	156.9	163.5	173.9
75°	96.8	98.1	99.4	100.7	104.6	105.9	109.8	115.1	121.6	129.5	136.0
77.5°	77.2	77.2	78.5	81.1	83.7	85.0	88.9	91.5	94.2	98.1	103.3
80°	57.5	58.8	58.8	61.5	61.5	62.8	64.1	68.0	70.6	73.2	75.8
82.5°	39.2	41.8	41.8	41.8	43.2	44.5	45.8	45.8	48.4	49.7	53.6
85°	23.5	24.8	24.8	24.8	23.5	26.2	26.2	27.5	27.5	27.5	28.8
87.5°	9.2	7.8	9.2	9.2	9.2	10.5	9.2	9.2	10.5	11.8	11.8
90°	21.9	20.9	19.9	18.9	17.9	16.3	14.7	13.2	11.6	10.8	9.7
92.5°	23.1	22.7	22.3	21.9	21.5	20.9	20.3	19.7	19.1	18.8	19.2
95°	38.9	37.9	37.0	36.0	35.0	33.6	32.2	30.8	29.4	28.7	32.0
97.5°	48.1	47.5	46.9	46.3	45.7	42.5	39.3	36.2	33.0	31.4	39.6
100°	57.5	55.9	54.3	52.7	51.1	47.7	44.3	41.0	37.6	35.9	49.5
102.5°	61.6	59.4	57.3	55.1	52.9	89.1	125.4	161.6	197.9	216.0	216.2
105°	63.4	61.2	59.1	56.9	54.7	109.1	163.5	217.8	272.2	299.4	296.4
107.5°	65.2	63.0	60.9	58.7	56.5	123.6	190.8	257.9	325.0	358.6	356.1
110°	77.2	97.1	117.0	137.0	156.9	214.5	272.0	329.6	387.1	415.9	413.8

TEST NUMBER: P1000225

CATALOG NUMBER: SA2XXRDIP-B865D925UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
112.5°	111.9	197.8	283.7	369.5	455.4	458.8	462.2	465.5	468.9	470.6	468.8
115°	184.1	276.4	368.6	460.9	553.1	548.1	543.1	538.2	533.2	530.7	529.0
117.5°	487.5	516.0	544.5	573.0	601.5	598.1	594.7	591.3	587.9	586.2	584.2
120°	666.6	664.2	661.9	659.5	657.1	653.5	649.9	646.3	642.7	640.9	639.4
122.5°	714.7	713.5	712.4	711.2	710.0	706.0	702.0	698.0	694.0	692.0	690.4
125°	763.0	761.6	760.3	758.9	757.5	753.7	749.9	746.1	742.3	740.4	739.1
127.5°	809.4	807.4	805.4	803.4	801.4	798.4	795.4	792.4	789.4	787.9	786.5
130°	852.3	850.1	847.9	845.7	843.5	841.3	839.1	837.0	834.8	833.7	832.1
132.5°	892.8	891.0	889.2	887.4	885.6	883.4	881.2	879.1	876.9	875.8	874.5
135°	932.2	930.2	928.2	926.2	924.2	922.4	920.6	918.8	917.0	916.1	914.5
137.5°	968.9	966.9	964.9	962.9	960.9	958.9	956.9	955.0	953.0	952.0	950.8
140°	1004.0	1002.2	1000.4	998.6	996.8	994.6	992.4	990.2	988.0	986.9	986.1
142.5°	1036.3	1034.7	1033.2	1031.6	1030.0	1027.4	1024.8	1022.2	1019.6	1018.3	1017.6
145°	1066.0	1064.6	1063.2	1061.8	1060.4	1057.0	1053.6	1050.3	1046.9	1045.2	1045.3
147.5°	1092.2	1091.2	1090.2	1089.2	1088.2	1084.8	1081.4	1078.1	1074.7	1073.0	1073.3
150°	1117.2	1116.0	1114.8	1113.6	1112.4	1109.2	1106.0	1102.9	1099.7	1098.1	1098.8
152.5°	1139.6	1138.4	1137.2	1136.0	1134.8	1131.8	1128.8	1125.9	1122.9	1121.4	1122.2
155°	1159.3	1158.1	1157.0	1155.8	1154.6	1152.2	1149.8	1147.4	1145.0	1143.8	1144.7
157.5°	1177.2	1175.8	1174.4	1173.0	1171.6	1169.8	1168.0	1166.2	1164.4	1163.5	1164.3
160°	1191.6	1190.4	1189.2	1188.0	1186.8	1185.6	1184.4	1183.3	1182.1	1181.5	1182.1
162.5°	1205.9	1204.5	1203.1	1201.7	1200.3	1199.3	1198.3	1197.3	1196.3	1195.8	1196.4
165°	1216.6	1215.2	1213.8	1212.4	1211.0	1210.4	1209.8	1209.3	1208.7	1208.4	1209.0
167.5°	1226.5	1225.1	1223.7	1222.3	1220.9	1220.3	1219.7	1219.1	1218.5	1218.2	1218.8
170°	1233.6	1232.2	1230.9	1229.5	1228.1	1227.7	1227.3	1226.9	1226.5	1226.3	1226.9
172.5°	1239.0	1237.6	1236.3	1234.9	1233.5	1233.1	1232.7	1232.3	1231.9	1231.7	1232.3
175°	1242.6	1241.2	1239.8	1238.4	1237.0	1236.6	1236.2	1235.8	1235.4	1235.2	1235.9
177.5°	1243.5	1242.1	1240.7	1239.3	1237.9	1237.7	1237.5	1237.3	1237.1	1237.0	1237.7
180°	1238.8	1238.8	1238.8	1238.8	1238.8	1238.8	1238.8	1238.8	1238.8	1238.8	1238.8

TEST NUMBER: P1000225

CATALOG NUMBER: SA2XXRDIP-B865D925UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
0°	1881.8	1881.8	1881.8	1881.8
2.5°	1847.8	1843.9	1867.4	1893.6
5°	1809.9	1816.4	1846.5	1883.1
7.5°	1770.7	1785.0	1820.3	1868.7
10°	1715.7	1741.9	1795.5	1845.2
12.5°	1662.1	1697.4	1748.4	1807.3
15°	1602.0	1641.2	1704.0	1774.6
17.5°	1535.3	1579.7	1653.0	1730.1
20°	1464.6	1523.5	1600.6	1684.3
22.5°	1386.2	1456.8	1536.6	1629.4
25°	1310.3	1387.5	1467.3	1574.5
27.5°	1235.8	1311.6	1400.6	1509.1
30°	1161.3	1230.6	1326.0	1442.4
32.5°	1081.5	1153.4	1254.1	1373.1
35°	1008.3	1080.2	1174.3	1292.0
37.5°	929.8	1006.9	1097.2	1218.8
40°	838.2	928.5	1016.1	1132.5
42.5°	762.4	857.9	942.9	1052.7
45°	702.2	792.5	863.1	970.3
47.5°	646.0	719.2	791.2	890.6
50°	592.4	648.6	723.2	812.1
52.5°	537.5	585.9	649.9	733.6
55°	487.8	533.5	591.1	655.2
57.5°	442.0	474.7	532.2	589.8
60°	391.0	425.0	469.5	517.9
62.5°	347.9	374.0	415.9	456.4
65°	302.1	326.9	358.3	396.2
67.5°	260.2	282.5	307.3	337.4
70°	222.3	239.3	257.6	283.8
72.5°	181.8	200.1	217.1	238.0
75°	149.1	156.9	171.3	185.7
77.5°	115.1	125.5	133.4	145.2
80°	82.4	91.5	94.2	103.3
82.5°	54.9	60.2	65.4	68.0
85°	31.4	34.0	39.2	40.5
87.5°	11.8	13.1	15.7	18.3
90°	7.5	5.3	3.1	0.9
92.5°	20.0	20.8	21.6	22.4
95°	38.6	45.1	51.7	58.3
97.5°	55.9	72.2	88.6	104.9
100°	76.8	104.1	131.4	158.7
102.5°	216.6	217.0	217.4	217.8
105°	290.4	284.5	278.5	272.5
107.5°	351.1	346.2	341.2	336.2
110°	409.6	405.5	401.3	397.1

TEST NUMBER: P1000225

CATALOG NUMBER: SA2XXRDIP-B865D925UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
112.5°	465.2	461.7	458.1	454.5
115°	525.6	522.2	518.8	515.4
117.5°	580.2	576.3	572.3	568.3
120°	636.4	633.5	630.5	627.5
122.5°	687.2	684.1	680.9	677.7
125°	736.5	734.0	731.4	728.8
127.5°	783.7	781.0	778.2	775.4
130°	828.9	825.7	822.5	819.3
132.5°	871.9	869.3	866.7	864.1
135°	911.3	908.2	905.0	901.8
137.5°	948.4	946.0	943.6	941.2
140°	984.5	983.0	981.4	979.8
142.5°	1016.2	1014.8	1013.4	1012.0
145°	1045.5	1045.7	1045.9	1046.1
147.5°	1073.9	1074.5	1075.1	1075.7
150°	1100.2	1101.6	1103.0	1104.4
152.5°	1123.8	1125.4	1127.0	1128.6
155°	1146.5	1148.3	1150.1	1151.9
157.5°	1165.9	1167.5	1169.1	1170.7
160°	1183.3	1184.4	1185.6	1186.8
162.5°	1197.6	1198.8	1200.0	1201.2
165°	1210.2	1211.3	1212.5	1213.7
167.5°	1220.0	1221.2	1222.4	1223.6
170°	1228.1	1229.3	1230.5	1231.7
172.5°	1233.5	1234.6	1235.8	1237.0
175°	1237.3	1238.7	1240.1	1241.5
177.5°	1239.1	1240.5	1241.9	1243.3
180°	1238.8	1238.8	1238.8	1238.8

(END OF REPORT)