

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: P1000071

Luminaire Tested: SA2XXRDIP-B865D1080UB2750-4F0-XX-W2A-A_5000K

Issue Date: 5/7/2025

Test Information

Test Method: LM-79-2019
Report Number: P1000071
REPORT IS A COMBINATION OF REPORTS P988628 AND P1007351
Test Lab: INNOVATION CENTER
Issue Date: 5/7/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: NEO-RAY
Catalog Number: SA2XXRDIP-B865D1080UB2750-4F0-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

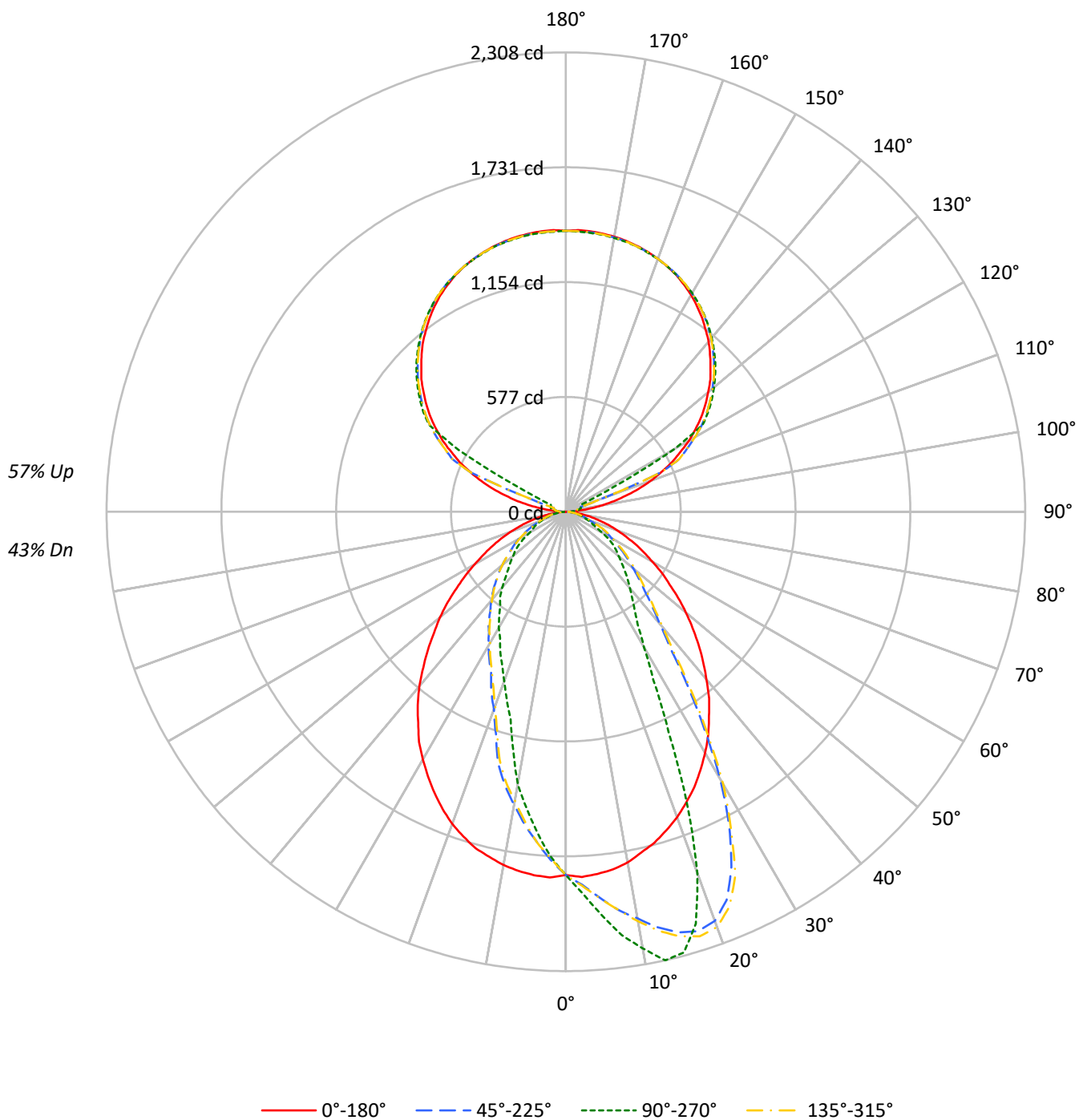
Lumens per Lamp: N/A
Luminaire Lumens: 7295.0 lumens
Efficiency: N/A
Efficacy: 89.2 lumens/watt
Spacing Criteria (0/90/45): 1.16 / 0.85 / 1.01
Luminous Opening: Rectangular w/ Sides (W: 0.17' x L: 4' x H: 0.1')
CIE Type: General Diffuse

Input Watts (W): 81.8
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

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Luminous Intensity Polar Plot



TEST NUMBER: P1000071

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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20
RC	80				70				50				30				10
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10
RCR																	
0	106	106	106	106	96	96	96	96	80	80	80	64	64	64	50	50	50
1	97	93	89	86	89	85	82	79	71	69	67	57	56	55	45	44	43
2	89	82	76	71	81	75	70	66	63	59	56	51	49	47	41	39	38
3	82	73	66	60	74	67	61	56	56	52	48	46	43	40	37	35	33
4	75	65	57	52	68	60	53	48	50	46	42	41	38	35	33	31	29
5	69	58	50	45	63	54	47	42	45	40	37	38	34	31	30	28	26
6	64	52	45	39	58	49	42	37	41	36	32	34	31	28	28	25	23
7	59	48	40	35	54	44	37	33	38	32	29	31	28	25	26	23	21
8	55	43	36	31	51	40	34	29	34	29	26	29	25	22	24	21	19
9	51	40	33	28	47	37	31	26	32	27	23	27	23	20	22	19	17
10	48	37	30	25	44	34	28	24	29	25	21	25	21	19	21	18	16

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	28890	28890	28890	28890
5°	28958	30686	29058	24515
10°	28639	32435	28842	20244
15°	28017	32444	28492	15208
20°	27270	26818	27863	12547
25°	26363	16758	26932	10673
30°	25205	10730	25892	9189
35°	23798	8245	24569	7863
40°	22231	6931	23180	6879
45°	20554	5899	21412	5775
50°	18834	5012	19714	4995
55°	16931	4355	17845	4298
60°	15242	3321	16049	3282
65°	13662	2499	14472	2835
70°	11918	1997	12854	2310
75°	10075	1529	10998	1748
80°	8000	1041	8607	1146
85°	5551	536	6088	567

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 165°

Vertical Angle: 45°

Luminance: 26428 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	173.1	2.4
10°-20°	483.2	6.6
20°-30°	621.9	8.5
30°-40°	590.0	8.1
40°-50°	505.6	6.9
50°-60°	385.1	5.3
60°-70°	242.8	3.3
70°-80°	121.1	1.7
80°-90°	33.6	0.5
90°-100°	46.6	0.6
100°-110°	173.5	2.4
110°-120°	460.2	6.3
120°-130°	763.3	10.5
130°-140°	810.8	11.1
140°-150°	753.6	10.3
150°-160°	605.8	8.3
160°-170°	390.4	5.4
170°-180°	134.4	1.8
0°-30°	1278.2	17.5
0°-40°	1868.2	25.6
0°-60°	2758.9	37.8
0°-90°	3156.5	43.3
90°-120°	680.3	9.3
90°-150°	3007.9	41.2
90°-180°	4139.0	56.7
0°-180°	7295.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1825	1825	1825	1825	1825	
5°	1826	2031	1833	1622	1826	173
15°	1721	2292	1750	1074	1721	484
25°	1527	1223	1560	779	1527	701
35°	1253	602	1294	574	1253	784
45°	941	418	980	410	941	726
55°	635	290	670	287	635	573
65°	384	151	407	171	384	381
75°	180	80	197	91	180	195
85°	39	23	43	24	39	45
90°	1	28	1	28	1	6
95°	66	44	66	44	66	79
105°	310	78	310	78	310	332
115°	587	84	587	84	587	578
125°	830	873	830	873	830	741
135°	1028	1061	1028	1061	1028	794
145°	1192	1210	1192	1210	1192	746
155°	1313	1314	1313	1314	1313	605
165°	1383	1380	1383	1380	1383	391
175°	1415	1407	1415	1407	1415	135
180°	1412	1412	1412	1412	1412	

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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	1825.1	1825.1	1825.1	1825.1	1825.1	1825.1	1825.1	1825.1	1825.1	1825.1	1825.1
2.5°	1836.5	1844.1	1847.9	1853.0	1864.4	1872.0	1883.4	1886.0	1884.7	1889.8	1875.8
5°	1826.4	1842.9	1858.1	1870.8	1891.1	1903.7	1917.7	1934.2	1938.0	1957.0	1945.6
7.5°	1812.4	1836.5	1858.1	1883.4	1913.9	1930.4	1951.9	1977.3	1988.7	2011.5	2017.9
10°	1789.6	1823.8	1860.6	1887.2	1929.1	1958.3	1978.6	2019.2	2045.8	2080.0	2075.0
12.5°	1752.8	1797.2	1846.7	1891.1	1945.6	1964.6	2002.7	2044.5	2078.8	2110.5	2138.4
15°	1721.1	1771.8	1826.4	1880.9	1943.1	1978.6	2016.6	2071.2	2107.9	2163.7	2187.8
17.5°	1678.0	1742.7	1807.3	1868.2	1941.8	1982.4	2029.3	2082.6	2137.1	2190.4	2209.4
20°	1633.6	1703.3	1773.1	1855.5	1939.2	1978.6	2026.8	2092.7	2146.0	2187.8	2187.8
22.5°	1580.3	1665.3	1745.2	1823.8	1915.2	1972.2	2021.7	2099.1	2137.1	2146.0	2111.7
25°	1527.0	1612.0	1699.5	1797.2	1901.2	1951.9	2007.7	2080.0	2092.7	2057.2	1968.4
27.5°	1463.6	1558.8	1657.7	1763.0	1872.0	1935.4	1986.2	2034.4	2010.3	1915.2	1776.9
30°	1398.9	1501.7	1613.3	1713.5	1845.4	1903.7	1946.9	1960.8	1884.7	1730.0	1551.1
32.5°	1331.7	1431.9	1549.9	1670.4	1803.5	1859.3	1887.2	1850.5	1711.0	1515.6	1297.5
35°	1253.1	1366.0	1489.0	1614.6	1746.5	1788.3	1804.8	1714.8	1535.9	1283.5	1066.7
37.5°	1182.1	1294.9	1426.9	1555.0	1683.0	1705.9	1689.4	1548.6	1321.6	1071.7	859.9
40°	1098.4	1218.8	1348.2	1491.5	1596.8	1603.1	1562.6	1379.9	1098.4	863.7	733.1
42.5°	1021.0	1142.7	1272.1	1418.0	1497.9	1476.3	1421.8	1182.1	917.0	744.5	639.2
45°	941.1	1056.5	1196.0	1325.4	1382.5	1331.7	1249.3	994.4	769.9	640.5	559.3
47.5°	863.7	971.5	1109.8	1234.1	1244.2	1187.1	1089.5	833.3	667.1	563.1	497.2
50°	787.6	895.4	1024.8	1127.5	1117.4	1038.7	928.4	724.2	579.6	497.2	442.6
52.5°	711.5	809.2	934.7	1015.9	972.8	896.7	787.6	613.9	506.1	433.8	391.9
55°	635.4	726.7	834.5	901.8	833.3	745.8	668.4	526.3	438.8	380.5	348.8
57.5°	572.0	644.3	743.2	783.8	701.4	632.9	565.7	452.8	380.5	338.6	301.9
60°	502.3	568.2	649.4	673.5	588.5	532.7	475.6	383.0	326.0	289.2	265.1
62.5°	442.6	497.2	559.3	559.3	484.5	442.6	399.5	320.9	274.0	244.8	233.4
65°	384.3	423.6	468.0	462.9	399.5	362.7	328.5	265.1	229.6	209.3	197.9
67.5°	327.2	357.7	386.8	369.1	323.4	291.7	260.0	214.3	190.2	176.3	161.1
70°	275.2	299.3	314.5	298.1	252.4	225.8	202.9	172.5	153.5	135.7	126.8
72.5°	230.8	241.0	246.1	225.8	187.7	172.5	156.0	134.4	118.0	109.1	106.5
75°	180.1	189.0	185.2	170.0	138.2	126.8	114.1	98.9	95.1	90.1	87.5
77.5°	140.8	140.8	134.4	120.5	98.9	90.1	85.0	77.4	73.6	72.3	69.8
80°	100.2	98.9	95.1	79.9	67.2	62.1	62.1	57.1	55.8	53.3	53.3
82.5°	66.0	66.0	60.9	48.2	44.4	43.1	41.9	39.3	39.3	38.0	38.0
85°	39.3	36.8	30.4	26.6	25.4	25.4	24.1	22.8	24.1	22.8	22.8
87.5°	17.8	14.0	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1
90°	1.0	3.5	6.0	8.5	11.0	12.3	13.2	15.0	16.8	18.6	20.4
92.5°	25.5	24.6	23.7	22.8	21.9	21.5	21.8	22.5	23.2	23.8	24.5
95°	66.4	58.9	51.4	43.9	36.4	32.7	33.5	35.1	36.6	38.2	39.8
97.5°	119.5	100.9	82.3	63.7	45.1	35.8	37.6	41.2	44.9	48.5	52.1
100°	180.8	149.7	118.6	87.5	56.4	40.9	42.8	46.7	50.5	54.4	58.2
102.5°	248.2	247.8	247.3	246.9	246.4	246.2	225.5	184.2	142.9	101.6	60.3
105°	310.5	317.3	324.1	331.0	337.8	341.2	310.2	248.2	186.3	124.3	62.3
107.5°	383.1	388.8	394.4	400.1	405.8	408.6	370.4	293.9	217.4	140.9	64.4
110°	452.5	457.3	462.1	466.8	471.6	474.0	441.2	375.6	310.0	244.4	178.8

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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	517.9	522.0	526.1	530.2	534.3	536.3	534.4	530.5	526.6	522.8	518.9
115°	587.3	591.2	595.0	598.9	602.8	604.7	607.5	613.2	618.9	624.5	630.2
117.5°	647.6	652.1	656.7	661.2	665.7	668.0	669.9	673.8	677.7	681.5	685.4
120°	715.0	718.4	721.8	725.2	728.6	730.3	732.3	736.4	740.5	744.6	748.7
122.5°	772.2	775.8	779.5	783.1	786.8	788.6	790.9	795.4	799.9	804.5	809.0
125°	830.5	833.4	836.4	839.3	842.2	843.7	845.9	850.2	854.5	858.8	863.1
127.5°	883.6	886.8	890.0	893.1	896.3	897.9	899.6	903.0	906.4	909.8	913.2
130°	933.6	937.2	940.9	944.5	948.2	950.0	951.2	953.7	956.2	958.7	961.2
132.5°	984.7	987.7	990.6	993.6	996.5	998.0	999.2	1001.7	1004.2	1006.7	1009.2
135°	1027.6	1031.2	1034.8	1038.5	1042.1	1043.9	1044.9	1047.0	1049.0	1051.1	1053.1
137.5°	1072.5	1075.2	1078.0	1080.7	1083.4	1084.8	1085.9	1088.2	1090.5	1092.7	1095.0
140°	1116.5	1118.3	1120.1	1121.9	1123.7	1124.6	1125.9	1128.4	1130.9	1133.4	1135.9
142.5°	1153.2	1154.8	1156.4	1158.0	1159.6	1160.4	1161.9	1164.8	1167.8	1170.7	1173.7
145°	1192.1	1191.9	1191.6	1191.4	1191.1	1191.0	1192.9	1196.8	1200.7	1204.5	1208.4
147.5°	1225.8	1225.1	1224.4	1223.7	1223.0	1222.7	1224.6	1228.5	1232.4	1236.2	1240.1
150°	1258.4	1256.8	1255.2	1253.7	1252.1	1251.3	1253.1	1256.7	1260.4	1264.0	1267.6
152.5°	1286.0	1284.2	1282.4	1280.6	1278.8	1277.9	1279.6	1283.0	1286.4	1289.8	1293.2
155°	1312.6	1310.6	1308.5	1306.5	1304.4	1303.4	1304.8	1307.5	1310.2	1313.0	1315.7
157.5°	1334.0	1332.2	1330.4	1328.6	1326.8	1325.9	1326.9	1329.0	1331.0	1333.1	1335.1
160°	1352.4	1351.0	1349.7	1348.3	1347.0	1346.3	1347.0	1348.3	1349.7	1351.0	1352.4
162.5°	1368.8	1367.4	1366.0	1364.7	1363.3	1362.6	1363.2	1364.3	1365.4	1366.6	1367.7
165°	1383.1	1381.7	1380.3	1379.0	1377.6	1376.9	1377.2	1377.9	1378.6	1379.3	1380.0
167.5°	1394.3	1392.9	1391.6	1390.2	1388.9	1388.2	1388.5	1389.2	1389.9	1390.5	1391.2
170°	1403.5	1402.1	1400.8	1399.4	1398.1	1397.4	1397.6	1398.1	1398.5	1399.0	1399.4
172.5°	1409.6	1408.2	1406.9	1405.5	1404.2	1403.5	1403.7	1404.2	1404.6	1405.1	1405.5
175°	1414.7	1413.1	1411.5	1410.0	1408.4	1407.6	1407.8	1408.3	1408.7	1409.2	1409.6
177.5°	1416.8	1415.2	1413.6	1412.0	1410.4	1409.6	1409.7	1409.9	1410.2	1410.4	1410.6
180°	1411.7	1411.7	1411.7	1411.7	1411.7	1411.7	1411.7	1411.7	1411.7	1411.7	1411.7

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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	1825.1	1825.1	1825.1	1825.1	1825.1	1825.1	1825.1	1825.1	1825.1	1825.1	1825.1
2.5°	1889.8	1892.3	1896.1	1913.9	1916.4	1921.5	1919.0	1919.0	1920.2	1917.7	1919.0
5°	1971.0	1974.8	1993.8	2015.3	2020.4	2015.3	2021.7	2030.6	2030.6	2030.6	2028.0
7.5°	2047.1	2061.0	2082.6	2114.3	2120.6	2127.0	2138.4	2130.8	2133.3	2144.7	2140.9
10°	2120.6	2140.9	2165.0	2191.6	2205.6	2214.5	2219.5	2231.0	2257.6	2227.2	2238.6
12.5°	2190.4	2219.5	2244.9	2274.1	2284.2	2295.6	2299.4	2309.6	2309.6	2308.3	2317.2
15°	2236.0	2262.7	2285.5	2304.5	2307.1	2304.5	2302.0	2303.3	2307.1	2291.8	2300.7
17.5°	2246.2	2248.7	2256.3	2248.7	2250.0	2223.4	2208.1	2204.3	2168.8	2170.1	2199.3
20°	2196.7	2153.6	2142.2	2100.3	2075.0	2006.5	2003.9	1984.9	1910.1	1932.9	1927.8
22.5°	2061.0	1987.4	1889.8	1841.6	1817.5	1745.2	1689.4	1650.1	1623.4	1596.8	1585.4
25°	1882.2	1763.0	1624.7	1529.6	1515.6	1448.4	1345.7	1297.5	1240.4	1222.7	1253.1
27.5°	1651.3	1496.6	1340.6	1194.7	1168.1	1107.2	1055.2	1021.0	955.0	951.2	953.8
30°	1338.1	1182.1	1051.4	956.3	890.4	862.5	828.2	802.8	776.2	786.4	788.9
32.5°	1099.6	951.2	829.5	778.7	748.3	730.5	701.4	684.9	673.5	669.7	668.4
35°	873.9	774.9	720.4	670.9	653.2	640.5	618.9	611.3	601.2	602.4	602.4
37.5°	748.3	665.9	625.3	599.9	583.4	577.1	563.1	555.5	549.2	546.6	550.4
40°	645.6	588.5	563.1	540.3	526.3	523.8	516.2	507.3	499.7	501.0	504.8
42.5°	570.7	537.8	507.3	489.6	479.4	475.6	469.3	462.9	462.9	459.1	457.9
45°	511.1	484.5	459.1	442.6	436.3	431.2	423.6	422.3	417.3	418.5	419.8
47.5°	457.9	436.3	417.3	400.8	394.4	393.2	385.6	380.5	380.5	379.2	378.0
50°	409.7	388.1	371.6	362.7	353.9	351.3	350.1	348.8	346.2	346.2	347.5
52.5°	370.3	348.8	336.1	328.5	323.4	320.9	320.9	319.6	319.6	319.6	318.3
55°	327.2	309.5	299.3	296.8	294.2	293.0	291.7	289.2	287.9	290.4	287.9
57.5°	286.6	280.3	271.4	268.9	262.5	262.5	258.7	256.2	253.7	256.2	256.2
60°	254.9	246.1	241.0	233.4	228.3	223.2	216.9	215.6	213.1	211.8	210.5
62.5°	222.0	214.3	201.7	190.2	182.6	177.6	175.0	173.8	173.8	172.5	172.5
65°	185.2	167.4	161.1	157.3	156.0	154.7	152.2	150.9	152.2	150.9	152.2
67.5°	144.6	142.1	138.2	135.7	134.4	133.2	133.2	131.9	131.9	131.9	131.9
70°	125.6	119.2	118.0	115.4	115.4	114.1	114.1	114.1	114.1	112.9	115.4
72.5°	104.0	100.2	98.9	97.7	97.7	97.7	96.4	96.4	96.4	95.1	96.4
75°	85.0	83.7	81.2	81.2	79.9	81.2	79.9	79.9	78.6	79.9	79.9
77.5°	68.5	67.2	66.0	66.0	64.7	64.7	64.7	64.7	64.7	64.7	66.0
80°	52.0	50.7	49.5	50.7	49.5	50.7	49.5	49.5	50.7	49.5	49.5
82.5°	38.0	36.8	36.8	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5
85°	22.8	21.6	21.6	22.8	21.6	22.8	21.6	21.6	21.6	22.8	22.8
87.5°	10.1	11.4	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	11.4
90°	21.5	22.7	23.8	24.9	25.5	25.7	26.2	26.7	27.1	27.6	27.1
92.5°	25.0	25.4	25.9	26.4	26.6	26.7	26.9	27.2	27.4	27.6	27.4
95°	40.9	42.1	43.2	44.3	44.9	44.8	44.6	44.3	44.1	43.9	44.1
97.5°	52.8	53.5	54.2	54.9	55.2	55.3	55.5	55.8	56.0	56.2	56.0
100°	60.0	61.8	63.7	65.5	66.4	66.6	67.1	67.5	68.0	68.4	68.0
102.5°	62.8	65.3	67.8	70.3	71.5	71.8	72.5	73.2	73.9	74.6	73.9
105°	64.8	67.3	69.8	72.3	73.5	74.0	74.9	75.8	76.7	77.6	76.7
107.5°	66.9	69.4	71.9	74.4	75.6	76.1	77.0	77.9	78.8	79.7	78.8
110°	156.1	133.4	110.7	88.0	76.6	77.1	78.0	78.9	79.8	80.7	79.8

TEST NUMBER: P1000071

CATALOG NUMBER: SA2XXRDIP-B865D1080UB2750-4F0-XX-W2A-A_5000K

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	421.1	323.3	225.4	127.6	78.7	79.0	79.7	80.4	81.0	81.7	81.0
115°	525.1	420.0	314.9	209.8	157.3	149.1	132.8	116.5	100.1	83.8	100.1
117.5°	652.9	620.5	588.0	555.5	539.3	509.6	450.1	390.6	331.2	271.7	331.2
120°	751.4	754.2	756.9	759.6	761.0	745.7	715.0	684.4	653.7	623.1	653.7
122.5°	810.4	811.7	813.1	814.4	815.1	815.2	815.5	815.7	816.0	816.2	816.0
125°	864.7	866.3	867.9	869.5	870.3	870.6	871.3	872.0	872.7	873.4	872.7
127.5°	915.5	917.7	920.0	922.3	923.4	923.5	923.7	924.0	924.2	924.4	924.2
130°	963.7	966.2	968.7	971.2	972.4	972.3	972.1	971.8	971.6	971.4	971.6
132.5°	1011.2	1013.3	1015.3	1017.4	1018.4	1018.3	1018.1	1017.8	1017.6	1017.4	1017.6
135°	1055.4	1057.6	1059.9	1062.2	1063.3	1063.1	1062.6	1062.2	1061.7	1061.3	1061.7
137.5°	1097.3	1099.5	1101.8	1104.1	1105.2	1104.9	1104.2	1103.5	1102.9	1102.2	1102.9
140°	1137.9	1140.0	1142.0	1144.1	1145.1	1144.5	1143.4	1142.3	1141.1	1140.0	1141.1
142.5°	1175.5	1177.3	1179.1	1180.9	1181.8	1181.2	1180.1	1179.0	1177.8	1176.7	1177.8
145°	1210.0	1211.6	1213.1	1214.7	1215.5	1214.9	1213.8	1212.7	1211.5	1210.4	1211.5
147.5°	1241.2	1242.4	1243.5	1244.6	1245.2	1244.7	1243.8	1242.9	1242.0	1241.1	1242.0
150°	1269.0	1270.4	1271.7	1273.1	1273.8	1273.2	1272.1	1271.0	1269.8	1268.7	1269.8
152.5°	1294.6	1295.9	1297.3	1298.6	1299.3	1298.5	1296.9	1295.4	1293.8	1292.2	1293.8
155°	1317.1	1318.4	1319.8	1321.1	1321.8	1320.9	1319.1	1317.2	1315.4	1313.6	1315.4
157.5°	1336.7	1338.3	1339.8	1341.4	1342.2	1341.3	1339.5	1337.6	1335.8	1334.0	1335.8
160°	1353.8	1355.2	1356.5	1357.9	1358.6	1357.8	1356.2	1354.6	1353.0	1351.4	1353.0
162.5°	1369.3	1370.9	1372.5	1374.1	1374.9	1373.9	1371.8	1369.8	1367.7	1365.7	1367.7
165°	1381.6	1383.2	1384.8	1386.4	1387.2	1386.4	1384.8	1383.2	1381.6	1380.0	1381.6
167.5°	1392.8	1394.4	1396.0	1397.6	1398.4	1397.4	1395.3	1393.3	1391.2	1389.2	1391.2
170°	1401.0	1402.6	1404.2	1405.8	1406.6	1405.6	1403.5	1401.5	1399.4	1397.4	1399.4
172.5°	1407.1	1408.7	1410.3	1411.9	1412.7	1411.7	1409.6	1407.6	1405.5	1403.5	1405.5
175°	1411.2	1412.8	1414.4	1416.0	1416.8	1415.7	1413.4	1411.1	1408.9	1406.6	1408.9
177.5°	1412.2	1413.8	1415.4	1417.0	1417.8	1416.8	1414.7	1412.7	1410.6	1408.6	1410.6
180°	1411.7	1411.7	1411.7	1411.7	1411.7	1411.7	1411.7	1411.7	1411.7	1411.7	1411.7

TEST NUMBER: P1000071

CATALOG NUMBER: SA2XXRDIP-B865D1080UB2750-4F0-XX-W2A-A_5000K

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	1825.1	1825.1	1825.1	1825.1	1825.1	1825.1	1825.1	1825.1	1825.1	1825.1	1825.1
2.5°	1924.0	1915.2	1912.6	1915.2	1912.6	1913.9	1905.0	1872.0	1880.9	1867.0	1874.6
5°	2033.1	2025.5	2009.0	2006.5	2003.9	2001.4	1988.7	1959.5	1948.1	1929.1	1927.8
7.5°	2137.1	2137.1	2124.4	2115.5	2104.1	2095.3	2078.8	2035.6	2017.9	1995.1	1982.4
10°	2239.8	2206.9	2220.8	2211.9	2184.0	2179.0	2148.5	2123.2	2088.9	2066.1	2045.8
12.5°	2313.4	2303.3	2290.6	2283.0	2275.4	2258.9	2238.6	2173.9	2156.1	2110.5	2087.6
15°	2310.9	2304.5	2308.3	2308.3	2305.8	2302.0	2285.5	2238.6	2208.1	2163.7	2124.4
17.5°	2186.6	2203.1	2219.5	2231.0	2256.3	2267.7	2283.0	2255.1	2236.0	2198.0	2156.1
20°	1969.7	2010.3	2058.5	2068.6	2091.4	2158.7	2189.1	2213.2	2220.8	2208.1	2173.9
22.5°	1667.8	1702.1	1818.8	1816.2	1849.2	1929.1	2017.9	2090.2	2147.3	2179.0	2166.3
25°	1306.4	1354.6	1416.7	1463.6	1571.4	1690.7	1801.0	1916.4	2015.3	2102.9	2124.4
27.5°	988.0	1051.4	1100.9	1163.0	1217.6	1358.4	1500.4	1680.5	1795.9	1962.1	2048.3
30°	799.0	828.2	877.7	906.8	933.5	1041.3	1202.4	1379.9	1582.9	1774.4	1922.8
32.5°	682.4	702.6	739.4	752.1	780.0	852.3	953.8	1116.1	1325.4	1557.5	1752.8
35°	612.6	634.2	641.8	653.2	676.0	721.7	791.4	909.4	1098.4	1325.4	1558.8
37.5°	553.0	564.4	586.0	593.6	601.2	635.4	682.4	764.8	890.4	1076.8	1335.5
40°	511.1	517.5	528.9	535.2	540.3	564.4	606.3	662.1	754.6	896.7	1135.1
42.5°	466.7	474.3	482.0	489.6	495.9	514.9	540.3	593.6	655.7	763.5	936.0
45°	423.6	428.7	437.6	442.6	451.5	466.7	489.6	526.3	582.2	650.6	790.2
47.5°	384.3	390.6	394.4	400.8	407.1	423.6	445.2	469.3	514.9	582.2	683.6
50°	348.8	356.4	361.5	362.7	367.8	383.0	400.8	427.4	456.6	508.6	597.4
52.5°	323.4	324.7	328.5	333.6	332.3	341.2	357.7	378.0	408.4	450.3	514.9
55°	294.2	298.1	300.6	301.9	301.9	309.5	318.3	337.4	361.5	395.7	450.3
57.5°	257.5	261.3	268.9	271.4	275.2	279.0	282.8	295.5	315.8	348.8	393.2
60°	219.4	222.0	229.6	234.6	237.2	247.3	252.4	262.5	274.0	298.1	339.9
62.5°	176.3	178.8	182.6	187.7	192.8	208.0	220.7	230.8	239.7	256.2	290.4
65°	153.5	154.7	157.3	158.5	159.8	166.1	177.6	191.5	208.0	220.7	241.0
67.5°	133.2	134.4	135.7	138.2	139.5	140.8	145.9	149.7	166.1	183.9	199.1
70°	114.1	116.7	118.0	118.0	119.2	121.8	124.3	129.4	134.4	143.3	162.3
72.5°	96.4	97.7	100.2	100.2	100.2	102.7	105.3	107.8	110.3	115.4	123.0
75°	79.9	82.4	82.4	82.4	83.7	83.7	86.2	88.8	91.3	95.1	97.7
77.5°	66.0	66.0	66.0	66.0	67.2	67.2	68.5	71.0	72.3	73.6	76.1
80°	49.5	50.7	50.7	50.7	52.0	52.0	52.0	54.5	55.8	55.8	58.3
82.5°	36.8	36.8	36.8	38.0	36.8	38.0	38.0	39.3	38.0	39.3	40.6
85°	22.8	22.8	22.8	24.1	24.1	24.1	24.1	24.1	24.1	24.1	25.4
87.5°	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	12.7	11.4	11.4
90°	26.7	26.2	25.7	25.5	24.9	23.8	22.7	21.5	20.4	18.6	16.8
92.5°	27.2	26.9	26.7	26.6	26.4	25.9	25.4	25.0	24.5	23.8	23.2
95°	44.3	44.6	44.8	44.9	44.3	43.2	42.1	40.9	39.8	38.2	36.6
97.5°	55.8	55.5	55.3	55.2	54.9	54.2	53.5	52.8	52.1	48.5	44.9
100°	67.5	67.1	66.6	66.4	65.5	63.7	61.8	60.0	58.2	54.4	50.5
102.5°	73.2	72.5	71.8	71.5	70.3	67.8	65.3	62.8	60.3	101.6	142.9
105°	75.8	74.9	74.0	73.5	72.3	69.8	67.3	64.8	62.3	124.3	186.3
107.5°	77.9	77.0	76.1	75.6	74.4	71.9	69.4	66.9	64.4	140.9	217.4
110°	78.9	78.0	77.1	76.6	88.0	110.7	133.4	156.1	178.8	244.4	310.0

TEST NUMBER: P1000071

CATALOG NUMBER: SA2XXRDIP-B865D1080UB2750-4F0-XX-W2A-A_5000K

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	80.4	79.7	79.0	78.7	127.6	225.4	323.3	421.1	518.9	522.8	526.6
115°	116.5	132.8	149.1	157.3	209.8	314.9	420.0	525.1	630.2	624.5	618.9
117.5°	390.6	450.1	509.6	539.3	555.5	588.0	620.5	652.9	685.4	681.5	677.7
120°	684.4	715.0	745.7	761.0	759.6	756.9	754.2	751.4	748.7	744.6	740.5
122.5°	815.7	815.5	815.2	815.1	814.4	813.1	811.7	810.4	809.0	804.5	799.9
125°	872.0	871.3	870.6	870.3	869.5	867.9	866.3	864.7	863.1	858.8	854.5
127.5°	924.0	923.7	923.5	923.4	922.3	920.0	917.7	915.5	913.2	909.8	906.4
130°	971.8	972.1	972.3	972.4	971.2	968.7	966.2	963.7	961.2	958.7	956.2
132.5°	1017.8	1018.1	1018.3	1018.4	1017.4	1015.3	1013.3	1011.2	1009.2	1006.7	1004.2
135°	1062.2	1062.6	1063.1	1063.3	1062.2	1059.9	1057.6	1055.4	1053.1	1051.1	1049.0
137.5°	1103.5	1104.2	1104.9	1105.2	1104.1	1101.8	1099.5	1097.3	1095.0	1092.7	1090.5
140°	1142.3	1143.4	1144.5	1145.1	1144.1	1142.0	1140.0	1137.9	1135.9	1133.4	1130.9
142.5°	1179.0	1180.1	1181.2	1181.8	1180.9	1179.1	1177.3	1175.5	1173.7	1170.7	1167.8
145°	1212.7	1213.8	1214.9	1215.5	1214.7	1213.1	1211.6	1210.0	1208.4	1204.5	1200.7
147.5°	1242.9	1243.8	1244.7	1245.2	1244.6	1243.5	1242.4	1241.2	1240.1	1236.2	1232.4
150°	1271.0	1272.1	1273.2	1273.8	1273.1	1271.7	1270.4	1269.0	1267.6	1264.0	1260.4
152.5°	1295.4	1296.9	1298.5	1299.3	1298.6	1297.3	1295.9	1294.6	1293.2	1289.8	1286.4
155°	1317.2	1319.1	1320.9	1321.8	1321.1	1319.8	1318.4	1317.1	1315.7	1313.0	1310.2
157.5°	1337.6	1339.5	1341.3	1342.2	1341.4	1339.8	1338.3	1336.7	1335.1	1333.1	1331.0
160°	1354.6	1356.2	1357.8	1358.6	1357.9	1356.5	1355.2	1353.8	1352.4	1351.0	1349.7
162.5°	1369.8	1371.8	1373.9	1374.9	1374.1	1372.5	1370.9	1369.3	1367.7	1366.6	1365.4
165°	1383.2	1384.8	1386.4	1387.2	1386.4	1384.8	1383.2	1381.6	1380.0	1379.3	1378.6
167.5°	1393.3	1395.3	1397.4	1398.4	1397.6	1396.0	1394.4	1392.8	1391.2	1390.5	1389.9
170°	1401.5	1403.5	1405.6	1406.6	1405.8	1404.2	1402.6	1401.0	1399.4	1399.0	1398.5
172.5°	1407.6	1409.6	1411.7	1412.7	1411.9	1410.3	1408.7	1407.1	1405.5	1405.1	1404.6
175°	1411.1	1413.4	1415.7	1416.8	1416.0	1414.4	1412.8	1411.2	1409.6	1409.2	1408.7
177.5°	1412.7	1414.7	1416.8	1417.8	1417.0	1415.4	1413.8	1412.2	1410.6	1410.4	1410.2
180°	1411.7	1411.7	1411.7	1411.7	1411.7	1411.7	1411.7	1411.7	1411.7	1411.7	1411.7

TEST NUMBER: P1000071

CATALOG NUMBER: SA2XXRDIP-B865D1080UB2750-4F0-XX-W2A-A_5000K

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
0°	1825.1	1825.1	1825.1	1825.1	1825.1	1825.1	1825.1	1825.1	1825.1	1825.1	1825.1
2.5°	1863.1	1856.8	1856.8	1853.0	1853.0	1832.7	1832.7	1839.1	1831.4	1822.6	1809.9
5°	1911.3	1897.4	1893.6	1888.5	1872.0	1846.7	1836.5	1832.7	1817.5	1798.5	1776.9
7.5°	1957.0	1934.2	1922.8	1911.3	1889.8	1854.3	1834.0	1820.0	1797.2	1768.0	1740.1
10°	2001.4	1972.2	1943.1	1929.1	1898.7	1854.3	1825.1	1802.3	1769.3	1730.0	1690.7
12.5°	2042.0	1981.1	1976.0	1948.1	1903.7	1853.0	1808.6	1775.6	1733.8	1688.1	1642.5
15°	2077.5	2015.3	1984.9	1959.5	1901.2	1837.8	1790.9	1750.3	1694.5	1642.5	1586.7
17.5°	2095.3	2028.0	2007.7	1965.9	1906.3	1823.8	1760.4	1711.0	1650.1	1587.9	1524.5
20°	2113.0	2034.4	2001.4	1972.2	1891.1	1797.2	1726.2	1669.1	1601.9	1528.3	1458.6
22.5°	2121.9	2034.4	1995.1	1954.5	1875.8	1768.0	1684.3	1617.1	1538.5	1463.6	1379.9
25°	2106.7	2026.8	1979.8	1938.0	1849.2	1732.5	1636.1	1560.0	1476.3	1391.3	1306.4
27.5°	2068.6	2009.0	1954.5	1911.3	1812.4	1686.9	1585.4	1499.1	1412.9	1317.8	1231.5
30°	1997.6	1971.0	1927.8	1879.6	1771.8	1646.3	1525.8	1437.0	1341.9	1246.8	1156.7
32.5°	1887.2	1910.1	1882.2	1840.3	1723.6	1590.5	1462.4	1372.3	1268.3	1165.6	1083.1
35°	1752.8	1834.0	1818.8	1789.6	1672.9	1530.9	1402.8	1293.7	1189.7	1085.7	1003.2
37.5°	1605.7	1728.7	1741.4	1723.6	1614.6	1470.0	1329.2	1222.7	1116.1	1010.8	927.1
40°	1404.0	1593.0	1633.6	1641.2	1553.7	1396.4	1249.3	1145.3	1040.0	937.3	835.8
42.5°	1218.8	1457.3	1508.0	1539.7	1476.3	1324.1	1175.7	1060.3	956.3	863.7	762.3
45°	1045.1	1293.7	1376.1	1416.7	1388.8	1241.7	1088.2	980.4	885.3	800.3	702.6
47.5°	866.3	1116.1	1231.5	1296.2	1296.2	1158.0	1004.5	898.0	806.6	734.4	648.1
50°	747.0	955.0	1074.3	1159.2	1182.1	1073.0	928.4	824.4	738.2	659.5	593.6
52.5°	636.7	823.1	922.1	1010.8	1076.8	981.7	843.4	749.6	664.6	591.0	539.0
55°	550.4	690.0	780.0	877.7	951.2	889.1	761.0	669.7	596.1	535.2	490.8
57.5°	468.0	589.8	663.3	749.6	828.2	781.3	678.5	599.9	535.2	482.0	442.6
60°	398.2	497.2	554.3	621.5	719.1	686.2	601.2	528.9	476.9	428.7	395.7
62.5°	338.6	417.3	465.5	513.7	602.4	587.2	521.3	465.5	421.1	380.5	352.6
65°	277.8	342.4	380.5	422.3	493.4	499.7	446.4	407.1	366.5	331.0	305.7
67.5°	224.5	275.2	309.5	345.0	402.1	419.8	383.0	350.1	315.8	286.6	263.8
70°	181.4	216.9	242.2	270.2	317.1	338.6	319.6	296.8	268.9	244.8	224.5
72.5°	143.3	166.1	181.4	202.9	241.0	262.5	261.3	241.0	220.7	204.2	187.7
75°	105.3	123.0	135.7	149.7	180.1	200.4	205.5	196.6	176.3	163.6	150.9
77.5°	79.9	90.1	96.4	106.5	128.1	145.9	153.5	150.9	137.0	126.8	118.0
80°	60.9	63.4	66.0	69.8	87.5	104.0	109.1	107.8	100.2	96.4	86.2
82.5°	43.1	44.4	45.7	46.9	53.3	67.2	72.3	74.8	68.5	64.7	55.8
85°	25.4	26.6	26.6	29.2	30.4	34.2	43.1	43.1	41.9	36.8	35.5
87.5°	12.7	12.7	11.4	11.4	12.7	14.0	16.5	19.0	16.5	15.2	14.0
90°	15.0	13.2	12.3	11.0	8.5	6.0	3.5	1.0	3.5	6.0	8.5
92.5°	22.5	21.8	21.5	21.9	22.8	23.7	24.6	25.5	24.6	23.7	22.8
95°	35.1	33.5	32.7	36.4	43.9	51.4	58.9	66.4	58.9	51.4	43.9
97.5°	41.2	37.6	35.8	45.1	63.7	82.3	100.9	119.5	100.9	82.3	63.7
100°	46.7	42.8	40.9	56.4	87.5	118.6	149.7	180.8	149.7	118.6	87.5
102.5°	184.2	225.5	246.2	246.4	246.9	247.3	247.8	248.2	247.8	247.3	246.9
105°	248.2	310.2	341.2	337.8	331.0	324.1	317.3	310.5	317.3	324.1	331.0
107.5°	293.9	370.4	408.6	405.8	400.1	394.4	388.8	383.1	388.8	394.4	400.1
110°	375.6	441.2	474.0	471.6	466.8	462.1	457.3	452.5	457.3	462.1	466.8

TEST NUMBER: P1000071

CATALOG NUMBER: SA2XXRDIP-B865D1080UB2750-4F0-XX-W2A-A_5000K

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
112.5°	530.5	534.4	536.3	534.3	530.2	526.1	522.0	517.9	522.0	526.1	530.2
115°	613.2	607.5	604.7	602.8	598.9	595.0	591.2	587.3	591.2	595.0	598.9
117.5°	673.8	669.9	668.0	665.7	661.2	656.7	652.1	647.6	652.1	656.7	661.2
120°	736.4	732.3	730.3	728.6	725.2	721.8	718.4	715.0	718.4	721.8	725.2
122.5°	795.4	790.9	788.6	786.8	783.1	779.5	775.8	772.2	775.8	779.5	783.1
125°	850.2	845.9	843.7	842.2	839.3	836.4	833.4	830.5	833.4	836.4	839.3
127.5°	903.0	899.6	897.9	896.3	893.1	890.0	886.8	883.6	886.8	890.0	893.1
130°	953.7	951.2	950.0	948.2	944.5	940.9	937.2	933.6	937.2	940.9	944.5
132.5°	1001.7	999.2	998.0	996.5	993.6	990.6	987.7	984.7	987.7	990.6	993.6
135°	1047.0	1044.9	1043.9	1042.1	1038.5	1034.8	1031.2	1027.6	1031.2	1034.8	1038.5
137.5°	1088.2	1085.9	1084.8	1083.4	1080.7	1078.0	1075.2	1072.5	1075.2	1078.0	1080.7
140°	1128.4	1125.9	1124.6	1123.7	1121.9	1120.1	1118.3	1116.5	1118.3	1120.1	1121.9
142.5°	1164.8	1161.9	1160.4	1159.6	1158.0	1156.4	1154.8	1153.2	1154.8	1156.4	1158.0
145°	1196.8	1192.9	1191.0	1191.1	1191.4	1191.6	1191.9	1192.1	1191.9	1191.6	1191.4
147.5°	1228.5	1224.6	1222.7	1223.0	1223.7	1224.4	1225.1	1225.8	1225.1	1224.4	1223.7
150°	1256.7	1253.1	1251.3	1252.1	1253.7	1255.2	1256.8	1258.4	1256.8	1255.2	1253.7
152.5°	1283.0	1279.6	1277.9	1278.8	1280.6	1282.4	1284.2	1286.0	1284.2	1282.4	1280.6
155°	1307.5	1304.8	1303.4	1304.4	1306.5	1308.5	1310.6	1312.6	1310.6	1308.5	1306.5
157.5°	1329.0	1326.9	1325.9	1326.8	1328.6	1330.4	1332.2	1334.0	1332.2	1330.4	1328.6
160°	1348.3	1347.0	1346.3	1347.0	1348.3	1349.7	1351.0	1352.4	1351.0	1349.7	1348.3
162.5°	1364.3	1363.2	1362.6	1363.3	1364.7	1366.0	1367.4	1368.8	1367.4	1366.0	1364.7
165°	1377.9	1377.2	1376.9	1377.6	1379.0	1380.3	1381.7	1383.1	1381.7	1380.3	1379.0
167.5°	1389.2	1388.5	1388.2	1388.9	1390.2	1391.6	1392.9	1394.3	1392.9	1391.6	1390.2
170°	1398.1	1397.6	1397.4	1398.1	1399.4	1400.8	1402.1	1403.5	1402.1	1400.8	1399.4
172.5°	1404.2	1403.7	1403.5	1404.2	1405.5	1406.9	1408.2	1409.6	1408.2	1406.9	1405.5
175°	1408.3	1407.8	1407.6	1408.4	1410.0	1411.5	1413.1	1414.7	1413.1	1411.5	1410.0
177.5°	1409.9	1409.7	1409.6	1410.4	1412.0	1413.6	1415.2	1416.8	1415.2	1413.6	1412.0
180°	1411.7	1411.7	1411.7	1411.7	1411.7	1411.7	1411.7	1411.7	1411.7	1411.7	1411.7

TEST NUMBER: P1000071

CATALOG NUMBER: SA2XXRDIP-B865D1080UB2750-4F0-XX-W2A-A_5000K

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
0°	1825.1	1825.1	1825.1	1825.1	1825.1	1825.1	1825.1	1825.1	1825.1	1825.1	1825.1
2.5°	1804.8	1806.1	1809.9	1798.5	1780.7	1773.1	1750.3	1746.5	1742.7	1742.7	1746.5
5°	1764.2	1759.1	1760.4	1738.9	1713.5	1698.3	1666.6	1671.6	1655.1	1645.0	1647.5
7.5°	1719.8	1705.9	1704.6	1676.7	1645.0	1617.1	1584.1	1576.5	1561.3	1543.5	1535.9
10°	1664.0	1653.9	1634.9	1603.1	1562.6	1539.7	1495.3	1468.7	1464.9	1438.3	1428.1
12.5°	1607.0	1589.2	1570.2	1525.8	1480.1	1443.3	1410.4	1381.2	1360.9	1338.1	1322.8
15°	1541.0	1519.4	1497.9	1450.9	1397.7	1360.9	1311.4	1268.3	1208.7	1161.8	1135.1
17.5°	1468.7	1444.6	1415.4	1363.4	1311.4	1260.7	1169.4	1118.7	1076.8	1048.9	1032.4
20°	1393.9	1367.2	1338.1	1286.1	1196.0	1107.2	1056.5	1017.2	991.8	963.9	943.6
22.5°	1315.2	1287.3	1255.6	1174.5	1079.3	1017.2	977.9	941.1	904.3	889.1	878.9
25°	1241.7	1216.3	1175.7	1065.4	990.6	933.5	889.1	865.0	846.0	825.7	806.6
27.5°	1165.6	1118.7	1061.6	969.0	922.1	863.7	832.0	814.3	781.3	767.3	758.5
30°	1074.3	1022.3	967.7	901.8	847.2	806.6	777.5	748.3	729.3	715.3	700.1
32.5°	981.7	932.2	898.0	829.5	788.9	747.0	719.1	701.4	673.5	664.6	658.3
35°	901.8	859.9	829.5	773.7	735.6	697.6	677.3	650.6	632.9	616.4	606.3
37.5°	823.1	800.3	768.6	721.7	681.1	650.6	622.7	613.9	589.8	580.9	570.7
40°	768.6	734.4	707.7	667.1	632.9	599.9	582.2	561.9	545.4	531.4	527.6
42.5°	702.6	677.3	662.1	617.7	582.2	563.1	541.6	518.7	506.1	494.6	480.7
45°	653.2	630.4	608.8	573.3	541.6	517.5	498.4	483.2	461.7	456.6	435.0
47.5°	601.2	578.4	561.9	526.3	497.2	474.3	460.4	440.1	422.3	410.9	400.8
50°	549.2	530.2	514.9	484.5	459.1	435.0	416.0	395.7	388.1	369.1	362.7
52.5°	499.7	487.0	470.5	441.4	416.0	395.7	375.4	358.9	347.5	337.4	329.8
55°	457.9	437.6	430.0	398.2	376.7	355.1	337.4	327.2	313.3	306.9	300.6
57.5°	410.9	399.5	386.8	362.7	338.6	318.3	305.7	290.4	282.8	275.2	270.2
60°	370.3	353.9	343.7	323.4	301.9	282.8	271.4	260.0	249.9	243.5	233.4
62.5°	323.4	310.7	304.4	282.8	265.1	247.3	237.2	225.8	218.1	206.7	194.1
65°	282.8	272.7	265.1	247.3	230.8	214.3	204.2	190.2	180.1	173.8	172.5
67.5°	247.3	239.7	228.3	211.8	195.3	182.6	171.2	159.8	158.5	156.0	156.0
70°	208.0	200.4	194.1	176.3	162.3	148.4	145.9	142.1	138.2	137.0	134.4
72.5°	173.8	167.4	159.8	144.6	130.6	126.8	124.3	121.8	118.0	116.7	115.4
75°	140.8	131.9	126.8	112.9	109.1	106.5	104.0	100.2	97.7	96.4	93.9
77.5°	107.8	98.9	98.9	91.3	88.8	85.0	82.4	79.9	78.6	76.1	76.1
80°	76.1	76.1	73.6	69.8	66.0	64.7	60.9	59.6	58.3	59.6	57.1
82.5°	55.8	50.7	50.7	48.2	45.7	44.4	41.9	41.9	40.6	40.6	40.6
85°	31.7	31.7	30.4	27.9	26.6	26.6	25.4	25.4	24.1	24.1	22.8
87.5°	12.7	11.4	12.7	11.4	11.4	10.1	10.1	10.1	8.9	10.1	8.9
90°	11.0	12.3	13.2	15.0	16.8	18.6	20.4	21.5	22.7	23.8	24.9
92.5°	21.9	21.5	21.8	22.5	23.2	23.8	24.5	25.0	25.4	25.9	26.4
95°	36.4	32.7	33.5	35.1	36.6	38.2	39.8	40.9	42.1	43.2	44.3
97.5°	45.1	35.8	37.6	41.2	44.9	48.5	52.1	52.8	53.5	54.2	54.9
100°	56.4	40.9	42.8	46.7	50.5	54.4	58.2	60.0	61.8	63.7	65.5
102.5°	246.4	246.2	225.5	184.2	142.9	101.6	60.3	62.8	65.3	67.8	70.3
105°	337.8	341.2	310.2	248.2	186.3	124.3	62.3	64.8	67.3	69.8	72.3
107.5°	405.8	408.6	370.4	293.9	217.4	140.9	64.4	66.9	69.4	71.9	74.4
110°	471.6	474.0	441.2	375.6	310.0	244.4	178.8	156.1	133.4	110.7	88.0

TEST NUMBER: P1000071

CATALOG NUMBER: SA2XXRDIP-B865D1080UB2750-4F0-XX-W2A-A_5000K

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
112.5°	534.3	536.3	534.4	530.5	526.6	522.8	518.9	421.1	323.3	225.4	127.6
115°	602.8	604.7	607.5	613.2	618.9	624.5	630.2	525.1	420.0	314.9	209.8
117.5°	665.7	668.0	669.9	673.8	677.7	681.5	685.4	652.9	620.5	588.0	555.5
120°	728.6	730.3	732.3	736.4	740.5	744.6	748.7	751.4	754.2	756.9	759.6
122.5°	786.8	788.6	790.9	795.4	799.9	804.5	809.0	810.4	811.7	813.1	814.4
125°	842.2	843.7	845.9	850.2	854.5	858.8	863.1	864.7	866.3	867.9	869.5
127.5°	896.3	897.9	899.6	903.0	906.4	909.8	913.2	915.5	917.7	920.0	922.3
130°	948.2	950.0	951.2	953.7	956.2	958.7	961.2	963.7	966.2	968.7	971.2
132.5°	996.5	998.0	999.2	1001.7	1004.2	1006.7	1009.2	1011.2	1013.3	1015.3	1017.4
135°	1042.1	1043.9	1044.9	1047.0	1049.0	1051.1	1053.1	1055.4	1057.6	1059.9	1062.2
137.5°	1083.4	1084.8	1085.9	1088.2	1090.5	1092.7	1095.0	1097.3	1099.5	1101.8	1104.1
140°	1123.7	1124.6	1125.9	1128.4	1130.9	1133.4	1135.9	1137.9	1140.0	1142.0	1144.1
142.5°	1159.6	1160.4	1161.9	1164.8	1167.8	1170.7	1173.7	1175.5	1177.3	1179.1	1180.9
145°	1191.1	1191.0	1192.9	1196.8	1200.7	1204.5	1208.4	1210.0	1211.6	1213.1	1214.7
147.5°	1223.0	1222.7	1224.6	1228.5	1232.4	1236.2	1240.1	1241.2	1242.4	1243.5	1244.6
150°	1252.1	1251.3	1253.1	1256.7	1260.4	1264.0	1267.6	1269.0	1270.4	1271.7	1273.1
152.5°	1278.8	1277.9	1279.6	1283.0	1286.4	1289.8	1293.2	1294.6	1295.9	1297.3	1298.6
155°	1304.4	1303.4	1304.8	1307.5	1310.2	1313.0	1315.7	1317.1	1318.4	1319.8	1321.1
157.5°	1326.8	1325.9	1326.9	1329.0	1331.0	1333.1	1335.1	1336.7	1338.3	1339.8	1341.4
160°	1347.0	1346.3	1347.0	1348.3	1349.7	1351.0	1352.4	1353.8	1355.2	1356.5	1357.9
162.5°	1363.3	1362.6	1363.2	1364.3	1365.4	1366.6	1367.7	1369.3	1370.9	1372.5	1374.1
165°	1377.6	1376.9	1377.2	1377.9	1378.6	1379.3	1380.0	1381.6	1383.2	1384.8	1386.4
167.5°	1388.9	1388.2	1388.5	1389.2	1389.9	1390.5	1391.2	1392.8	1394.4	1396.0	1397.6
170°	1398.1	1397.4	1397.6	1398.1	1398.5	1399.0	1399.4	1401.0	1402.6	1404.2	1405.8
172.5°	1404.2	1403.5	1403.7	1404.2	1404.6	1405.1	1405.5	1407.1	1408.7	1410.3	1411.9
175°	1408.4	1407.6	1407.8	1408.3	1408.7	1409.2	1409.6	1411.2	1412.8	1414.4	1416.0
177.5°	1410.4	1409.6	1409.7	1409.9	1410.2	1410.4	1410.6	1412.2	1413.8	1415.4	1417.0
180°	1411.7	1411.7	1411.7	1411.7	1411.7	1411.7	1411.7	1411.7	1411.7	1411.7	1411.7

TEST NUMBER: P1000071

CATALOG NUMBER: SA2XXRDIP-B865D1080UB2750-4F0-XX-W2A-A_5000K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
0°	1825.1	1825.1	1825.1	1825.1	1825.1	1825.1	1825.1	1825.1	1825.1	1825.1	1825.1
2.5°	1746.5	1743.9	1736.3	1738.9	1735.1	1735.1	1732.5	1732.5	1732.5	1738.9	1735.1
5°	1651.3	1642.5	1633.6	1629.8	1626.0	1622.2	1622.2	1620.9	1632.3	1629.8	1639.9
7.5°	1533.4	1530.9	1513.1	1513.1	1506.8	1504.2	1510.6	1511.8	1513.1	1515.6	1522.0
10°	1428.1	1421.8	1396.4	1398.9	1395.1	1390.1	1393.9	1391.3	1400.2	1402.8	1400.2
12.5°	1303.8	1292.4	1264.5	1250.6	1235.3	1223.9	1237.9	1227.7	1263.2	1273.4	1301.3
15°	1138.9	1117.4	1098.4	1098.4	1084.4	1074.3	1080.6	1092.0	1099.6	1111.0	1116.1
17.5°	1028.6	1019.7	1004.5	995.6	991.8	988.0	988.0	993.1	1009.6	1008.3	1018.5
20°	934.7	929.7	922.1	910.6	906.8	904.3	904.3	904.3	915.7	925.9	932.2
22.5°	870.1	866.3	861.2	846.0	838.4	835.8	842.2	846.0	854.8	862.5	868.8
25°	805.4	796.5	787.6	782.5	778.7	778.7	781.3	782.5	786.4	790.2	797.8
27.5°	752.1	745.8	733.1	719.1	719.1	715.3	717.9	720.4	729.3	742.0	748.3
30°	692.5	691.2	686.2	681.1	676.0	673.5	678.5	682.4	683.6	690.0	690.0
32.5°	649.4	640.5	631.6	626.5	624.0	622.7	624.0	629.1	629.1	636.7	645.6
35°	606.3	601.2	592.3	583.4	580.9	574.5	579.6	584.7	593.6	597.4	601.2
37.5°	559.3	553.0	549.2	546.6	541.6	542.8	539.0	546.6	554.3	553.0	555.5
40°	523.8	512.4	501.0	499.7	498.4	497.2	497.2	498.4	503.5	508.6	516.2
42.5°	478.2	474.3	464.2	454.1	451.5	449.0	446.4	451.5	461.7	470.5	474.3
45°	431.2	426.2	423.6	416.0	410.9	409.7	407.1	413.5	422.3	426.2	428.7
47.5°	388.1	386.8	379.2	380.5	376.7	378.0	376.7	380.5	380.5	384.3	386.8
50°	358.9	355.1	351.3	348.8	345.0	345.0	343.7	345.0	350.1	355.1	353.9
52.5°	329.8	323.4	322.2	320.9	318.3	320.9	317.1	318.3	323.4	326.0	324.7
55°	295.5	294.2	291.7	289.2	287.9	286.6	286.6	286.6	291.7	295.5	296.8
57.5°	268.9	262.5	257.5	257.5	252.4	251.1	253.7	254.9	258.7	261.3	263.8
60°	232.1	229.6	222.0	218.1	210.5	209.3	209.3	214.3	220.7	229.6	232.1
62.5°	192.8	189.0	187.7	187.7	187.7	187.7	187.7	187.7	187.7	189.0	189.0
65°	171.2	172.5	171.2	170.0	171.2	171.2	170.0	170.0	170.0	171.2	172.5
67.5°	153.5	152.2	153.5	152.2	150.9	150.9	149.7	150.9	152.2	153.5	153.5
70°	133.2	133.2	131.9	133.2	131.9	130.6	129.4	129.4	131.9	133.2	133.2
72.5°	114.1	114.1	112.9	112.9	110.3	110.3	111.6	110.3	110.3	114.1	114.1
75°	95.1	93.9	92.6	92.6	91.3	91.3	91.3	90.1	92.6	92.6	93.9
77.5°	74.8	74.8	74.8	73.6	73.6	72.3	72.3	73.6	73.6	73.6	74.8
80°	57.1	57.1	57.1	55.8	54.5	54.5	54.5	54.5	54.5	55.8	54.5
82.5°	39.3	39.3	39.3	39.3	39.3	38.0	38.0	38.0	39.3	39.3	38.0
85°	24.1	22.8	24.1	24.1	22.8	24.1	22.8	22.8	21.6	21.6	22.8
87.5°	10.1	8.9	7.6	7.6	8.9	7.6	7.6	7.6	8.9	7.6	7.6
90°	25.5	25.7	26.2	26.7	27.1	27.6	27.1	26.7	26.2	25.7	25.5
92.5°	26.6	26.7	26.9	27.2	27.4	27.6	27.4	27.2	26.9	26.7	26.6
95°	44.9	44.8	44.6	44.3	44.1	43.9	44.1	44.3	44.6	44.8	44.9
97.5°	55.2	55.3	55.5	55.8	56.0	56.2	56.0	55.8	55.5	55.3	55.2
100°	66.4	66.6	67.1	67.5	68.0	68.4	68.0	67.5	67.1	66.6	66.4
102.5°	71.5	71.8	72.5	73.2	73.9	74.6	73.9	73.2	72.5	71.8	71.5
105°	73.5	74.0	74.9	75.8	76.7	77.6	76.7	75.8	74.9	74.0	73.5
107.5°	75.6	76.1	77.0	77.9	78.8	79.7	78.8	77.9	77.0	76.1	75.6
110°	76.6	77.1	78.0	78.9	79.8	80.7	79.8	78.9	78.0	77.1	76.6

TEST NUMBER: P1000071

CATALOG NUMBER: SA2XXRDIP-B865D1080UB2750-4F0-XX-W2A-A_5000K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
112.5°	78.7	79.0	79.7	80.4	81.0	81.7	81.0	80.4	79.7	79.0	78.7
115°	157.3	149.1	132.8	116.5	100.1	83.8	100.1	116.5	132.8	149.1	157.3
117.5°	539.3	509.6	450.1	390.6	331.2	271.7	331.2	390.6	450.1	509.6	539.3
120°	761.0	745.7	715.0	684.4	653.7	623.1	653.7	684.4	715.0	745.7	761.0
122.5°	815.1	815.2	815.5	815.7	816.0	816.2	816.0	815.7	815.5	815.2	815.1
125°	870.3	870.6	871.3	872.0	872.7	873.4	872.7	872.0	871.3	870.6	870.3
127.5°	923.4	923.5	923.7	924.0	924.2	924.4	924.2	924.0	923.7	923.5	923.4
130°	972.4	972.3	972.1	971.8	971.6	971.4	971.6	971.8	972.1	972.3	972.4
132.5°	1018.4	1018.3	1018.1	1017.8	1017.6	1017.4	1017.6	1017.8	1018.1	1018.3	1018.4
135°	1063.3	1063.1	1062.6	1062.2	1061.7	1061.3	1061.7	1062.2	1062.6	1063.1	1063.3
137.5°	1105.2	1104.9	1104.2	1103.5	1102.9	1102.2	1102.9	1103.5	1104.2	1104.9	1105.2
140°	1145.1	1144.5	1143.4	1142.3	1141.1	1140.0	1141.1	1142.3	1143.4	1144.5	1145.1
142.5°	1181.8	1181.2	1180.1	1179.0	1177.8	1176.7	1177.8	1179.0	1180.1	1181.2	1181.8
145°	1215.5	1214.9	1213.8	1212.7	1211.5	1210.4	1211.5	1212.7	1213.8	1214.9	1215.5
147.5°	1245.2	1244.7	1243.8	1242.9	1242.0	1241.1	1242.0	1242.9	1243.8	1244.7	1245.2
150°	1273.8	1273.2	1272.1	1271.0	1269.8	1268.7	1269.8	1271.0	1272.1	1273.2	1273.8
152.5°	1299.3	1298.5	1296.9	1295.4	1293.8	1292.2	1293.8	1295.4	1296.9	1298.5	1299.3
155°	1321.8	1320.9	1319.1	1317.2	1315.4	1313.6	1315.4	1317.2	1319.1	1320.9	1321.8
157.5°	1342.2	1341.3	1339.5	1337.6	1335.8	1334.0	1335.8	1337.6	1339.5	1341.3	1342.2
160°	1358.6	1357.8	1356.2	1354.6	1353.0	1351.4	1353.0	1354.6	1356.2	1357.8	1358.6
162.5°	1374.9	1373.9	1371.8	1369.8	1367.7	1365.7	1367.7	1369.8	1371.8	1373.9	1374.9
165°	1387.2	1386.4	1384.8	1383.2	1381.6	1380.0	1381.6	1383.2	1384.8	1386.4	1387.2
167.5°	1398.4	1397.4	1395.3	1393.3	1391.2	1389.2	1391.2	1393.3	1395.3	1397.4	1398.4
170°	1406.6	1405.6	1403.5	1401.5	1399.4	1397.4	1399.4	1401.5	1403.5	1405.6	1406.6
172.5°	1412.7	1411.7	1409.6	1407.6	1405.5	1403.5	1405.5	1407.6	1409.6	1411.7	1412.7
175°	1416.8	1415.7	1413.4	1411.1	1408.9	1406.6	1408.9	1411.1	1413.4	1415.7	1416.8
177.5°	1417.8	1416.8	1414.7	1412.7	1410.6	1408.6	1410.6	1412.7	1414.7	1416.8	1417.8
180°	1411.7	1411.7	1411.7	1411.7	1411.7	1411.7	1411.7	1411.7	1411.7	1411.7	1411.7

TEST NUMBER: P1000071

CATALOG NUMBER: SA2XXRDIP-B865D1080UB2750-4F0-XX-W2A-A_5000K

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
0°	1825.1	1825.1	1825.1	1825.1	1825.1	1825.1	1825.1	1825.1	1825.1	1825.1	1825.1
2.5°	1738.9	1745.2	1742.7	1728.7	1742.7	1746.5	1754.1	1761.7	1766.8	1774.4	1780.7
5°	1629.8	1642.5	1650.1	1642.5	1667.8	1671.6	1689.4	1699.5	1714.8	1727.4	1737.6
7.5°	1527.0	1537.2	1552.4	1555.0	1570.2	1587.9	1613.3	1638.7	1662.8	1675.4	1686.9
10°	1416.7	1434.5	1457.3	1452.2	1475.0	1502.9	1529.6	1570.2	1590.5	1613.3	1633.6
12.5°	1306.4	1317.8	1348.2	1358.4	1391.3	1412.9	1449.7	1475.0	1525.8	1552.4	1570.2
15°	1113.6	1160.5	1198.6	1244.2	1287.3	1327.9	1360.9	1406.6	1450.9	1471.2	1500.4
17.5°	1026.1	1047.6	1070.5	1093.3	1149.1	1221.4	1279.7	1329.2	1367.2	1393.9	1428.1
20°	934.7	956.3	981.7	1003.2	1037.5	1089.5	1161.8	1246.8	1292.4	1320.3	1353.3
22.5°	870.1	890.4	906.8	925.9	952.5	990.6	1045.1	1150.4	1211.2	1245.5	1274.7
25°	800.3	825.7	843.4	857.4	878.9	920.8	965.2	1024.8	1133.9	1160.5	1201.1
27.5°	752.1	759.7	780.0	801.6	823.1	846.0	891.6	942.4	1015.9	1074.3	1123.7
30°	695.0	714.1	733.1	742.0	761.0	794.0	821.9	876.4	933.5	979.1	1038.7
32.5°	651.9	663.3	676.0	697.6	715.3	738.2	766.1	811.7	859.9	889.1	934.7
35°	603.7	611.3	638.0	646.8	664.6	687.4	715.3	750.8	802.8	825.7	858.6
37.5°	558.1	575.8	583.4	603.7	620.2	643.0	663.3	703.9	738.2	764.8	795.2
40°	522.5	530.2	544.1	561.9	575.8	593.6	618.9	648.1	684.9	706.4	733.1
42.5°	479.4	485.8	503.5	513.7	536.5	553.0	568.2	603.7	636.7	653.2	679.8
45°	432.5	447.7	459.1	479.4	492.1	512.4	531.4	556.8	587.2	606.3	621.5
47.5°	391.9	407.1	418.5	437.6	457.9	466.7	487.0	513.7	541.6	556.8	578.4
50°	358.9	364.0	385.6	394.4	416.0	433.8	447.7	470.5	501.0	509.9	527.6
52.5°	327.2	331.0	345.0	356.4	375.4	390.6	408.4	430.0	455.3	469.3	483.2
55°	299.3	301.9	308.2	320.9	333.6	352.6	369.1	389.4	410.9	426.2	438.8
57.5°	267.6	272.7	277.8	285.4	298.1	315.8	333.6	352.6	370.3	380.5	397.0
60°	230.8	238.4	247.3	256.2	265.1	277.8	298.1	315.8	332.3	341.2	353.9
62.5°	191.5	206.7	214.3	224.5	232.1	243.5	258.7	279.0	290.4	301.9	312.0
65°	172.5	173.8	175.0	185.2	199.1	210.5	224.5	239.7	257.5	265.1	272.7
67.5°	153.5	154.7	157.3	158.5	163.6	176.3	191.5	208.0	222.0	227.0	234.6
70°	134.4	134.4	139.5	140.8	142.1	143.3	156.0	172.5	185.2	191.5	200.4
72.5°	114.1	115.4	118.0	119.2	121.8	124.3	128.1	137.0	152.2	158.5	168.7
75°	93.9	95.1	96.4	97.7	101.5	102.7	106.5	111.6	118.0	125.6	131.9
77.5°	74.8	74.8	76.1	78.6	81.2	82.4	86.2	88.8	91.3	95.1	100.2
80°	55.8	57.1	57.1	59.6	59.6	60.9	62.1	66.0	68.5	71.0	73.6
82.5°	38.0	40.6	40.6	40.6	41.9	43.1	44.4	44.4	46.9	48.2	52.0
85°	22.8	24.1	24.1	24.1	22.8	25.4	25.4	26.6	26.6	26.6	27.9
87.5°	8.9	7.6	8.9	8.9	8.9	10.1	8.9	8.9	10.1	11.4	11.4
90°	24.9	23.8	22.7	21.5	20.4	18.6	16.8	15.0	13.2	12.3	11.0
92.5°	26.4	25.9	25.4	25.0	24.5	23.8	23.2	22.5	21.8	21.5	21.9
95°	44.3	43.2	42.1	40.9	39.8	38.2	36.6	35.1	33.5	32.7	36.4
97.5°	54.9	54.2	53.5	52.8	52.1	48.5	44.9	41.2	37.6	35.8	45.1
100°	65.5	63.7	61.8	60.0	58.2	54.4	50.5	46.7	42.8	40.9	56.4
102.5°	70.3	67.8	65.3	62.8	60.3	101.6	142.9	184.2	225.5	246.2	246.4
105°	72.3	69.8	67.3	64.8	62.3	124.3	186.3	248.2	310.2	341.2	337.8
107.5°	74.4	71.9	69.4	66.9	64.4	140.9	217.4	293.9	370.4	408.6	405.8
110°	88.0	110.7	133.4	156.1	178.8	244.4	310.0	375.6	441.2	474.0	471.6

TEST NUMBER: P1000071

CATALOG NUMBER: SA2XXRDIP-B865D1080UB2750-4F0-XX-W2A-A_5000K

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
112.5°	127.6	225.4	323.3	421.1	518.9	522.8	526.6	530.5	534.4	536.3	534.3
115°	209.8	314.9	420.0	525.1	630.2	624.5	618.9	613.2	607.5	604.7	602.8
117.5°	555.5	588.0	620.5	652.9	685.4	681.5	677.7	673.8	669.9	668.0	665.7
120°	759.6	756.9	754.2	751.4	748.7	744.6	740.5	736.4	732.3	730.3	728.6
122.5°	814.4	813.1	811.7	810.4	809.0	804.5	799.9	795.4	790.9	788.6	786.8
125°	869.5	867.9	866.3	864.7	863.1	858.8	854.5	850.2	845.9	843.7	842.2
127.5°	922.3	920.0	917.7	915.5	913.2	909.8	906.4	903.0	899.6	897.9	896.3
130°	971.2	968.7	966.2	963.7	961.2	958.7	956.2	953.7	951.2	950.0	948.2
132.5°	1017.4	1015.3	1013.3	1011.2	1009.2	1006.7	1004.2	1001.7	999.2	998.0	996.5
135°	1062.2	1059.9	1057.6	1055.4	1053.1	1051.1	1049.0	1047.0	1044.9	1043.9	1042.1
137.5°	1104.1	1101.8	1099.5	1097.3	1095.0	1092.7	1090.5	1088.2	1085.9	1084.8	1083.4
140°	1144.1	1142.0	1140.0	1137.9	1135.9	1133.4	1130.9	1128.4	1125.9	1124.6	1123.7
142.5°	1180.9	1179.1	1177.3	1175.5	1173.7	1170.7	1167.8	1164.8	1161.9	1160.4	1159.6
145°	1214.7	1213.1	1211.6	1210.0	1208.4	1204.5	1200.7	1196.8	1192.9	1191.0	1191.1
147.5°	1244.6	1243.5	1242.4	1241.2	1240.1	1236.2	1232.4	1228.5	1224.6	1222.7	1223.0
150°	1273.1	1271.7	1270.4	1269.0	1267.6	1264.0	1260.4	1256.7	1253.1	1251.3	1252.1
152.5°	1298.6	1297.3	1295.9	1294.6	1293.2	1289.8	1286.4	1283.0	1279.6	1277.9	1278.8
155°	1321.1	1319.8	1318.4	1317.1	1315.7	1313.0	1310.2	1307.5	1304.8	1303.4	1304.4
157.5°	1341.4	1339.8	1338.3	1336.7	1335.1	1333.1	1331.0	1329.0	1326.9	1325.9	1326.8
160°	1357.9	1356.5	1355.2	1353.8	1352.4	1351.0	1349.7	1348.3	1347.0	1346.3	1347.0
162.5°	1374.1	1372.5	1370.9	1369.3	1367.7	1366.6	1365.4	1364.3	1363.2	1362.6	1363.3
165°	1386.4	1384.8	1383.2	1381.6	1380.0	1379.3	1378.6	1377.9	1377.2	1376.9	1377.6
167.5°	1397.6	1396.0	1394.4	1392.8	1391.2	1390.5	1389.9	1389.2	1388.5	1388.2	1388.9
170°	1405.8	1404.2	1402.6	1401.0	1399.4	1399.0	1398.5	1398.1	1397.6	1397.4	1398.1
172.5°	1411.9	1410.3	1408.7	1407.1	1405.5	1405.1	1404.6	1404.2	1403.7	1403.5	1404.2
175°	1416.0	1414.4	1412.8	1411.2	1409.6	1409.2	1408.7	1408.3	1407.8	1407.6	1408.4
177.5°	1417.0	1415.4	1413.8	1412.2	1410.6	1410.4	1410.2	1409.9	1409.7	1409.6	1410.4
180°	1411.7	1411.7	1411.7	1411.7	1411.7	1411.7	1411.7	1411.7	1411.7	1411.7	1411.7

TEST NUMBER: P1000071

CATALOG NUMBER: SA2XXRDIP-B865D1080UB2750-4F0-XX-W2A-A_5000K

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
0°	1825.1	1825.1	1825.1	1825.1
2.5°	1792.1	1788.3	1811.1	1836.5
5°	1755.3	1761.7	1790.9	1826.4
7.5°	1717.3	1731.2	1765.5	1812.4
10°	1664.0	1689.4	1741.4	1789.6
12.5°	1612.0	1646.3	1695.7	1752.8
15°	1553.7	1591.7	1652.6	1721.1
17.5°	1489.0	1532.1	1603.1	1678.0
20°	1420.5	1477.6	1552.4	1633.6
22.5°	1344.4	1412.9	1490.3	1580.3
25°	1270.8	1345.7	1423.0	1527.0
27.5°	1198.6	1272.1	1358.4	1463.6
30°	1126.3	1193.5	1286.1	1398.9
32.5°	1048.9	1118.7	1216.3	1331.7
35°	977.9	1047.6	1138.9	1253.1
37.5°	901.8	976.6	1064.1	1182.1
40°	813.0	900.5	985.5	1098.4
42.5°	739.4	832.0	914.5	1021.0
45°	681.1	768.6	837.1	941.1
47.5°	626.5	697.6	767.3	863.7
50°	574.5	629.1	701.4	787.6
52.5°	521.3	568.2	630.4	711.5
55°	473.1	517.5	573.3	635.4
57.5°	428.7	460.4	516.2	572.0
60°	379.2	412.2	455.3	502.3
62.5°	337.4	362.7	403.3	442.6
65°	293.0	317.1	347.5	384.3
67.5°	252.4	274.0	298.1	327.2
70°	215.6	232.1	249.9	275.2
72.5°	176.3	194.1	210.5	230.8
75°	144.6	152.2	166.1	180.1
77.5°	111.6	121.8	129.4	140.8
80°	79.9	88.8	91.3	100.2
82.5°	53.3	58.3	63.4	66.0
85°	30.4	33.0	38.0	39.3
87.5°	11.4	12.7	15.2	17.8
90°	8.5	6.0	3.5	1.0
92.5°	22.8	23.7	24.6	25.5
95°	43.9	51.4	58.9	66.4
97.5°	63.7	82.3	100.9	119.5
100°	87.5	118.6	149.7	180.8
102.5°	246.9	247.3	247.8	248.2
105°	331.0	324.1	317.3	310.5
107.5°	400.1	394.4	388.8	383.1
110°	466.8	462.1	457.3	452.5

TEST NUMBER: P1000071

CATALOG NUMBER: SA2XXRDIP-B865D1080UB2750-4F0-XX-W2A-A_5000K

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
112.5°	530.2	526.1	522.0	517.9
115°	598.9	595.0	591.2	587.3
117.5°	661.2	656.7	652.1	647.6
120°	725.2	721.8	718.4	715.0
122.5°	783.1	779.5	775.8	772.2
125°	839.3	836.4	833.4	830.5
127.5°	893.1	890.0	886.8	883.6
130°	944.5	940.9	937.2	933.6
132.5°	993.6	990.6	987.7	984.7
135°	1038.5	1034.8	1031.2	1027.6
137.5°	1080.7	1078.0	1075.2	1072.5
140°	1121.9	1120.1	1118.3	1116.5
142.5°	1158.0	1156.4	1154.8	1153.2
145°	1191.4	1191.6	1191.9	1192.1
147.5°	1223.7	1224.4	1225.1	1225.8
150°	1253.7	1255.2	1256.8	1258.4
152.5°	1280.6	1282.4	1284.2	1286.0
155°	1306.5	1308.5	1310.6	1312.6
157.5°	1328.6	1330.4	1332.2	1334.0
160°	1348.3	1349.7	1351.0	1352.4
162.5°	1364.7	1366.0	1367.4	1368.8
165°	1379.0	1380.3	1381.7	1383.1
167.5°	1390.2	1391.6	1392.9	1394.3
170°	1399.4	1400.8	1402.1	1403.5
172.5°	1405.5	1406.9	1408.2	1409.6
175°	1410.0	1411.5	1413.1	1414.7
177.5°	1412.0	1413.6	1415.2	1416.8
180°	1411.7	1411.7	1411.7	1411.7

(END OF REPORT)