

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: P1000175

Luminaire Tested: SA2XXRDIP-B865D530UB50-4F0-XX-W2A-A4

Issue Date: 5/6/2025

Test Information

Test Method: LM-79-2019
Report Number: P1000175
REPORT IS A COMBINATION OF REPORTS P988735 AND P1007351
Test Lab: INNOVATION CENTER
Issue Date: 5/6/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: NEO-RAY
Catalog Number: SA2XXRDIP-B865D530UB50-4F0-XX-W2A-A4
Description: Define 2 Regressed Direct/Indirect Pendant with 5000K BioUP LEDs {m-DER=1.015}
{m-EER=1.115}
Light Source: -
Ballast/Driver: -

Summary

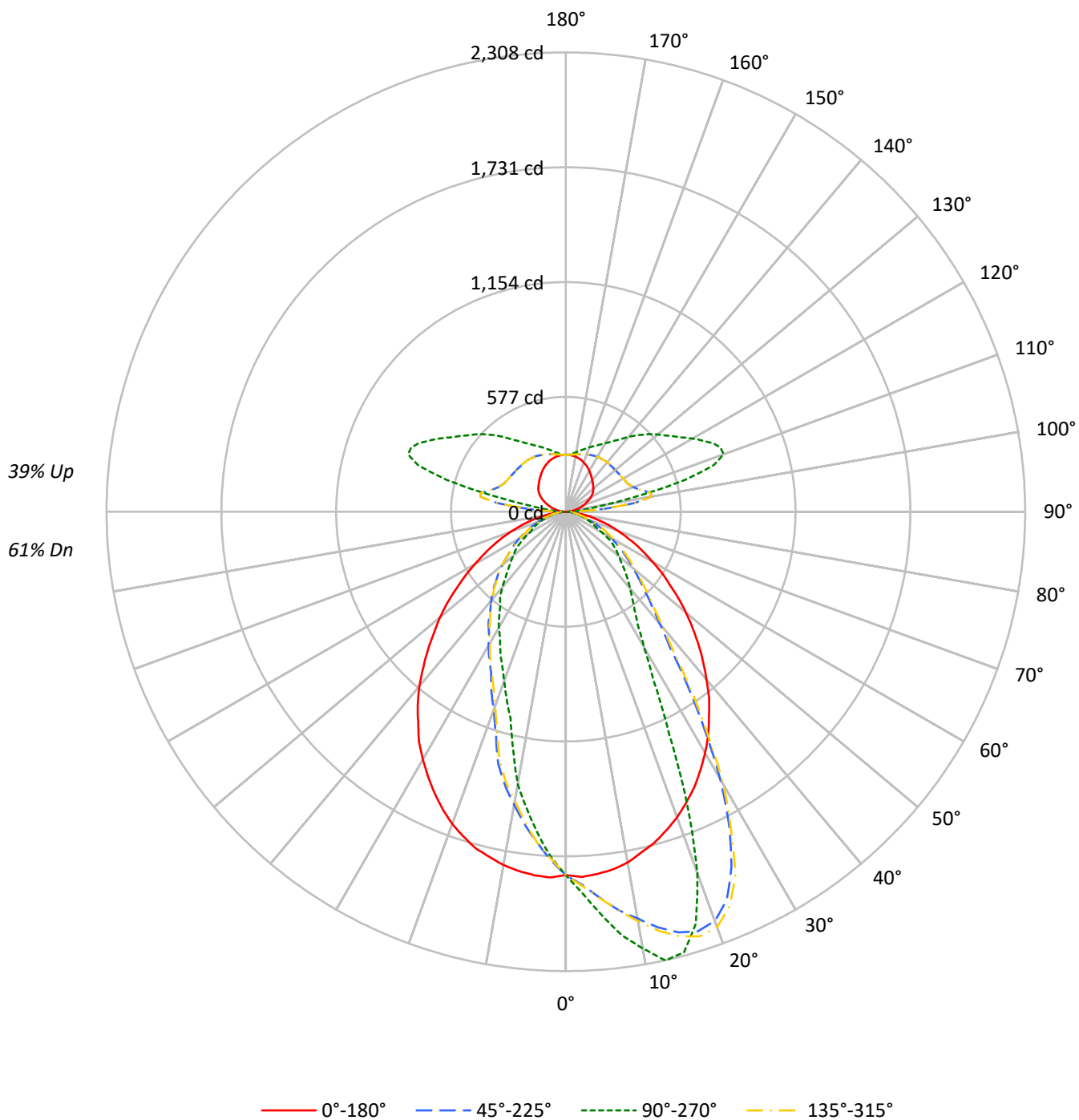
Lumens per Lamp: N/A
Luminaire Lumens: 5146.0 lumens
Efficiency: N/A
Efficacy: 82.7 lumens/watt
Spacing Criteria (0/90/45): 1.16 / 0.85 / 1.01
Luminous Opening: Rectangular w/ Sides (W: 0.17' x L: 4' x H: 0.1')
CIE Type: Semi-Direct

Input Watts (W): 62.2
Input Voltage (V):
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT

TEST NUMBER: P1000175

CATALOG NUMBER: SA2XXRDIP-B865D530UB50-4F0-XX-W2A-A4

Luminous Intensity Polar Plot



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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20
RC	80				70				50				30				10
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10
RCR																	
0	110	110	110	110	103	103	103	103	90	90	90	78	78	78	67	67	67
1	101	97	94	90	95	91	88	85	80	78	76	70	68	67	60	59	58
2	93	86	80	76	87	81	76	72	71	68	64	62	60	57	54	52	50
3	86	77	70	64	80	72	66	61	64	59	55	56	53	50	49	46	44
4	79	69	61	55	74	65	58	53	58	52	48	51	47	44	45	42	39
5	73	62	54	48	68	59	52	46	52	47	42	46	42	39	41	37	35
6	68	56	48	43	63	53	46	41	48	42	38	42	38	34	37	34	31
7	63	51	43	38	59	49	42	37	44	38	34	39	34	31	35	31	28
8	59	47	39	34	55	45	38	33	40	35	31	36	31	28	32	28	26
9	55	43	36	31	52	41	34	30	37	32	28	33	29	26	30	26	24
10	52	40	33	28	49	38	32	27	34	29	25	31	27	24	28	24	22

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

TEST NUMBER: P1000175

CATALOG NUMBER: SA2XXRDIP-B865D530UB50-4F0-XX-W2A-A4

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	173.1	3.4
10°-20°	483.2	9.4
20°-30°	621.9	12.1
30°-40°	590.0	11.5
40°-50°	505.6	9.8
50°-60°	385.1	7.5
60°-70°	242.8	4.7
70°-80°	121.1	2.4
80°-90°	33.0	0.6
90°-100°	111.4	2.2
100°-110°	392.3	7.6
110°-120°	412.0	8.0
120°-130°	339.0	6.6
130°-140°	272.3	5.3
140°-150°	205.7	4.0
150°-160°	144.6	2.8
160°-170°	85.1	1.7
170°-180°	27.7	0.5
0°-30°	1278.2	24.8
0°-40°	1868.2	36.3
0°-60°	2758.9	53.6
0°-90°	3155.8	61.3
90°-120°	915.8	17.8
90°-150°	1732.7	33.7
90°-180°	1990.0	38.7
0°-180°	5146.0	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°	0	18	0	18	0	4
95°	19	63	19	63	19	20
105°	67	619	67	619	67	71
115°	118	815	118	815	118	117
125°	165	661	165	661	165	147
135°	193	548	193	548	193	149
145°	221	438	221	438	221	139
155°	251	368	251	368	251	116
165°	274	323	274	323	274	77
175°	285	291	285	291	285	27
180°	286	286	286	286	286	

TEST NUMBER: P1000175

CATALOG NUMBER: SA2XXRDIP-B865D530UB50-4F0-XX-W2A-A4

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°	0.5	2.2	4.4	5.5	6.6	7.4	8.2	11.0	14.8	18.1	18.7
92.5°	8.2	11.5	15.9	18.7	23.1	26.1	29.1	44.0	64.8	83.5	84.6
95°	19.2	21.4	26.9	31.9	40.7	47.3	53.9	79.1	127.0	190.7	215.4
97.5°	28.6	31.9	37.9	45.1	55.0	62.4	69.8	102.2	168.7	271.5	351.2
100°	42.3	44.0	48.9	57.7	68.7	76.4	84.1	113.2	180.3	299.0	434.2
102.5°	55.0	56.1	61.0	69.8	81.3	89.0	96.7	123.1	180.8	288.5	436.9
105°	67.0	69.2	73.1	81.3	93.4	101.1	108.8	134.6	183.6	274.2	407.2
107.5°	80.2	81.9	85.7	93.4	105.5	113.2	120.9	146.2	189.6	266.5	379.8
110°	93.4	95.6	98.9	106.1	117.6	125.6	133.5	157.7	197.3	264.3	361.1

TEST NUMBER: P1000175

CATALOG NUMBER: SA2XXRDIP-B865D530UB50-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	105.5	107.7	111.6	118.2	129.1	137.4	145.6	168.7	205.5	264.9	349.0
115°	118.2	120.9	124.2	130.8	141.8	149.2	156.6	180.3	213.8	267.1	340.7
117.5°	131.3	133.5	136.8	142.9	153.3	161.0	168.7	190.7	222.6	270.4	336.3
120°	143.4	145.6	148.9	153.9	164.9	172.6	180.3	201.7	231.4	273.7	332.5
122.5°	155.0	156.6	159.9	165.4	176.4	184.4	192.4	212.1	239.1	277.5	330.3
125°	164.9	166.5	169.8	176.4	187.4	195.1	202.8	222.6	247.3	281.4	327.5
127.5°	173.1	175.3	179.7	186.9	197.3	205.2	213.2	232.5	255.0	285.2	325.9
130°	180.3	182.5	188.0	195.6	206.6	214.3	222.0	241.3	262.1	289.6	324.8
132.5°	186.9	189.6	195.6	203.9	215.4	223.1	230.8	249.0	269.3	294.0	324.2
135°	193.4	195.6	202.2	210.5	223.1	230.8	238.5	256.1	275.3	297.3	323.7
137.5°	199.5	202.2	208.8	217.6	230.3	237.4	244.6	262.1	280.3	300.6	323.7
140°	206.6	208.8	215.4	224.2	236.3	243.4	250.6	267.1	284.1	302.8	323.1
142.5°	213.8	215.4	221.5	230.3	241.8	248.4	255.0	270.9	287.4	304.5	323.1
145°	220.9	223.1	228.6	236.9	247.9	253.9	259.9	274.8	290.2	305.6	322.0
147.5°	228.6	230.3	235.8	243.5	252.8	258.3	263.8	278.1	291.8	306.1	320.4
150°	236.3	238.0	242.4	249.5	257.7	262.6	267.6	280.3	292.9	305.6	318.8
152.5°	244.0	244.6	249.0	255.0	262.7	267.1	271.5	282.5	293.5	304.5	316.0
155°	251.2	251.7	255.0	261.0	267.1	271.2	275.3	284.7	294.0	303.4	312.7
157.5°	257.2	257.7	260.5	266.0	270.9	274.5	278.1	286.3	294.0	301.2	309.4
160°	263.2	263.8	266.0	270.4	274.8	277.8	280.8	287.4	294.0	299.5	306.1
162.5°	269.3	268.7	270.9	274.2	278.1	280.3	282.5	288.0	293.5	297.9	303.4
165°	273.7	273.1	274.2	277.5	280.3	282.0	283.6	288.5	292.4	295.7	299.5
167.5°	277.5	277.0	278.1	280.3	282.5	283.6	284.7	288.5	291.8	293.5	296.2
170°	281.4	280.3	280.8	282.5	283.6	284.4	285.2	288.0	290.7	291.8	293.5
172.5°	283.6	283.0	282.5	284.1	284.7	285.2	285.8	287.4	289.1	289.6	290.2
175°	285.2	284.7	284.1	285.2	285.2	285.5	285.8	286.9	288.0	287.4	288.0
177.5°	286.3	285.2	284.7	285.8	285.8	285.8	285.8	286.3	287.4	286.3	285.8
180°	285.8	285.8	285.8	285.8	285.8	285.8	285.8	285.8	285.8	285.8	285.8

TEST NUMBER: P1000175

CATALOG NUMBER: SA2XXRDIP-B865D530UB50-4F0-XX-W2A-A4

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°	18.1	17.6	16.5	17.6	17.8	18.1	18.1	18.1	18.1	18.1	18.1
92.5°	70.9	55.5	47.3	41.2	39.0	36.8	36.3	34.1	34.6	33.5	34.6
95°	188.5	144.0	110.5	87.4	81.4	75.3	68.1	63.8	62.1	62.7	62.1
97.5°	353.9	294.6	235.2	179.7	163.2	146.7	125.3	114.3	108.3	105.0	108.3
100°	513.3	501.8	433.6	358.3	325.0	291.8	246.2	222.6	206.6	196.7	206.6
102.5°	572.7	637.5	635.3	585.3	549.6	513.9	463.3	418.8	397.9	383.6	397.9
105°	553.4	667.7	729.8	737.0	727.9	718.8	684.8	650.7	627.1	619.4	627.1
107.5°	512.8	635.3	727.6	781.5	792.5	803.5	802.9	798.0	790.8	778.2	790.8
110°	474.8	590.8	689.2	759.5	782.0	804.6	828.2	838.6	843.6	843.0	843.6

TEST NUMBER: P1000175

CATALOG NUMBER: SA2XXRDIP-B865D530UB50-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	448.5	550.1	643.5	719.9	746.6	773.2	808.4	827.7	838.1	841.9	838.1
115°	427.6	518.2	602.9	674.9	703.2	731.5	770.5	795.8	810.1	815.0	810.1
117.5°	413.3	491.9	567.7	634.8	661.7	688.6	728.7	755.7	770.5	774.3	770.5
120°	402.3	473.2	541.3	599.6	624.6	649.6	688.1	713.9	729.8	735.3	729.8
122.5°	392.9	458.3	519.3	573.8	595.8	617.7	651.2	676.5	690.3	694.7	690.3
125°	384.2	444.1	500.7	549.0	569.6	590.2	622.1	643.0	656.7	661.1	656.7
127.5°	375.9	429.8	482.0	528.1	547.4	566.6	594.6	614.4	626.5	629.8	626.5
130°	367.7	416.0	463.3	506.7	524.8	543.0	569.9	588.6	599.6	604.0	599.6
132.5°	361.1	402.8	445.7	484.7	501.4	518.2	544.6	563.3	573.2	577.1	573.2
135°	355.0	390.7	427.0	463.3	478.7	494.1	517.7	535.8	545.7	547.9	545.7
137.5°	350.6	380.9	412.2	441.9	455.6	469.3	491.9	507.8	516.6	519.9	516.6
140°	346.8	371.5	397.9	423.2	435.3	447.4	464.9	479.2	487.5	490.8	487.5
142.5°	342.9	363.8	385.3	406.1	415.8	425.4	441.9	454.5	461.6	461.6	461.6
145°	339.6	356.7	374.8	391.8	399.8	407.8	421.0	430.3	435.8	437.5	435.8
147.5°	336.3	351.2	366.0	379.8	385.8	391.8	403.4	411.1	414.9	416.0	414.9
150°	331.9	345.1	357.2	368.8	373.8	378.7	386.9	393.5	396.8	397.3	396.8
152.5°	328.1	339.1	350.1	359.4	363.5	367.7	373.7	379.2	381.4	381.4	381.4
155°	323.1	333.6	342.4	350.6	353.6	356.7	362.7	366.6	368.8	367.7	368.8
157.5°	318.8	327.0	334.7	341.8	344.3	346.8	351.2	354.5	355.6	355.6	355.6
160°	313.8	321.0	327.0	333.0	335.0	336.9	340.7	343.5	344.0	344.0	344.0
162.5°	309.4	314.9	319.9	324.8	326.2	327.5	331.4	333.0	333.6	333.0	333.6
165°	304.5	308.9	312.7	316.6	317.7	318.8	321.0	323.1	323.1	322.6	323.1
167.5°	299.5	302.8	306.1	308.9	310.0	311.1	312.2	313.3	313.3	312.7	313.3
170°	295.7	298.4	300.1	302.3	302.8	303.4	303.9	305.6	305.0	303.9	305.0
172.5°	291.8	293.5	294.6	296.2	296.5	296.8	297.3	297.9	297.3	296.8	297.3
175°	288.5	290.2	290.7	291.3	291.6	291.8	291.8	292.4	291.8	290.7	291.8
177.5°	286.3	287.4	287.4	288.0	288.0	288.0	288.0	288.0	287.4	286.3	287.4
180°	285.8	285.8	285.8	285.8	285.8	285.8	285.8	285.8	285.8	285.8	285.8

TEST NUMBER: P1000175

CATALOG NUMBER: SA2XXRDIP-B865D530UB50-4F0-XX-W2A-A4

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°	18.1	18.1	18.1	17.8	17.6	16.5	17.6	18.1	18.7	18.1	14.8
92.5°	34.1	36.3	36.8	39.0	41.2	47.3	55.5	70.9	84.6	83.5	64.8
95°	63.8	68.1	75.3	81.4	87.4	110.5	144.0	188.5	215.4	190.7	127.0
97.5°	114.3	125.3	146.7	163.2	179.7	235.2	294.6	353.9	351.2	271.5	168.7
100°	222.6	246.2	291.8	325.0	358.3	433.6	501.8	513.3	434.2	299.0	180.3
102.5°	418.8	463.3	513.9	549.6	585.3	635.3	637.5	572.7	436.9	288.5	180.8
105°	650.7	684.8	718.8	727.9	737.0	729.8	667.7	553.4	407.2	274.2	183.6
107.5°	798.0	802.9	803.5	792.5	781.5	727.6	635.3	512.8	379.8	266.5	189.6
110°	838.6	828.2	804.6	782.0	759.5	689.2	590.8	474.8	361.1	264.3	197.3

TEST NUMBER: P1000175

CATALOG NUMBER: SA2XXRDIP-B865D530UB50-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	827.7	808.4	773.2	746.6	719.9	643.5	550.1	448.5	349.0	264.9	205.5
115°	795.8	770.5	731.5	703.2	674.9	602.9	518.2	427.6	340.7	267.1	213.8
117.5°	755.7	728.7	688.6	661.7	634.8	567.7	491.9	413.3	336.3	270.4	222.6
120°	713.9	688.1	649.6	624.6	599.6	541.3	473.2	402.3	332.5	273.7	231.4
122.5°	676.5	651.2	617.7	595.8	573.8	519.3	458.3	392.9	330.3	277.5	239.1
125°	643.0	622.1	590.2	569.6	549.0	500.7	444.1	384.2	327.5	281.4	247.3
127.5°	614.4	594.6	566.6	547.4	528.1	482.0	429.8	375.9	325.9	285.2	255.0
130°	588.6	569.9	543.0	524.8	506.7	463.3	416.0	367.7	324.8	289.6	262.1
132.5°	563.3	544.6	518.2	501.4	484.7	445.7	402.8	361.1	324.2	294.0	269.3
135°	535.8	517.7	494.1	478.7	463.3	427.0	390.7	355.0	323.7	297.3	275.3
137.5°	507.8	491.9	469.3	455.6	441.9	412.2	380.9	350.6	323.7	300.6	280.3
140°	479.2	464.9	447.4	435.3	423.2	397.9	371.5	346.8	323.1	302.8	284.1
142.5°	454.5	441.9	425.4	415.8	406.1	385.3	363.8	342.9	323.1	304.5	287.4
145°	430.3	421.0	407.8	399.8	391.8	374.8	356.7	339.6	322.0	305.6	290.2
147.5°	411.1	403.4	391.8	385.8	379.8	366.0	351.2	336.3	320.4	306.1	291.8
150°	393.5	386.9	378.7	373.8	368.8	357.2	345.1	331.9	318.8	305.6	292.9
152.5°	379.2	373.7	367.7	363.5	359.4	350.1	339.1	328.1	316.0	304.5	293.5
155°	366.6	362.7	356.7	353.6	350.6	342.4	333.6	323.1	312.7	303.4	294.0
157.5°	354.5	351.2	346.8	344.3	341.8	334.7	327.0	318.8	309.4	301.2	294.0
160°	343.5	340.7	336.9	335.0	333.0	327.0	321.0	313.8	306.1	299.5	294.0
162.5°	333.0	331.4	327.5	326.2	324.8	319.9	314.9	309.4	303.4	297.9	293.5
165°	323.1	321.0	318.8	317.7	316.6	312.7	308.9	304.5	299.5	295.7	292.4
167.5°	313.3	312.2	311.1	310.0	308.9	306.1	302.8	299.5	296.2	293.5	291.8
170°	305.6	303.9	303.4	302.8	302.3	300.1	298.4	295.7	293.5	291.8	290.7
172.5°	297.9	297.3	296.8	296.5	296.2	294.6	293.5	291.8	290.2	289.6	289.1
175°	292.4	291.8	291.8	291.6	291.3	290.7	290.2	288.5	288.0	287.4	288.0
177.5°	288.0	288.0	288.0	288.0	288.0	287.4	287.4	286.3	285.8	286.3	287.4
180°	285.8	285.8	285.8	285.8	285.8	285.8	285.8	285.8	285.8	285.8	285.8

TEST NUMBER: P1000175

CATALOG NUMBER: SA2XXRDIP-B865D530UB50-4F0-XX-W2A-A4

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°	11.0	8.2	7.4	6.6	5.5	4.4	2.2	0.5	2.2	4.4	5.5
92.5°	44.0	29.1	26.1	23.1	18.7	15.9	11.5	8.2	11.5	15.9	18.7
95°	79.1	53.9	47.3	40.7	31.9	26.9	21.4	19.2	21.4	26.9	31.9
97.5°	102.2	69.8	62.4	55.0	45.1	37.9	31.9	28.6	31.9	37.9	45.1
100°	113.2	84.1	76.4	68.7	57.7	48.9	44.0	42.3	44.0	48.9	57.7
102.5°	123.1	96.7	89.0	81.3	69.8	61.0	56.1	55.0	56.1	61.0	69.8
105°	134.6	108.8	101.1	93.4	81.3	73.1	69.2	67.0	69.2	73.1	81.3
107.5°	146.2	120.9	113.2	105.5	93.4	85.7	81.9	80.2	81.9	85.7	93.4
110°	157.7	133.5	125.6	117.6	106.1	98.9	95.6	93.4	95.6	98.9	106.1

TEST NUMBER: P1000175

CATALOG NUMBER: SA2XXRDIP-B865D530UB50-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
112.5°	168.7	145.6	137.4	129.1	118.2	111.6	107.7	105.5	107.7	111.6	118.2
115°	180.3	156.6	149.2	141.8	130.8	124.2	120.9	118.2	120.9	124.2	130.8
117.5°	190.7	168.7	161.0	153.3	142.9	136.8	133.5	131.3	133.5	136.8	142.9
120°	201.7	180.3	172.6	164.9	153.9	148.9	145.6	143.4	145.6	148.9	153.9
122.5°	212.1	192.4	184.4	176.4	165.4	159.9	156.6	155.0	156.6	159.9	165.4
125°	222.6	202.8	195.1	187.4	176.4	169.8	166.5	164.9	166.5	169.8	176.4
127.5°	232.5	213.2	205.2	197.3	186.9	179.7	175.3	173.1	175.3	179.7	186.9
130°	241.3	222.0	214.3	206.6	195.6	188.0	182.5	180.3	182.5	188.0	195.6
132.5°	249.0	230.8	223.1	215.4	203.9	195.6	189.6	186.9	189.6	195.6	203.9
135°	256.1	238.5	230.8	223.1	210.5	202.2	195.6	193.4	195.6	202.2	210.5
137.5°	262.1	244.6	237.4	230.3	217.6	208.8	202.2	199.5	202.2	208.8	217.6
140°	267.1	250.6	243.4	236.3	224.2	215.4	208.8	206.6	208.8	215.4	224.2
142.5°	270.9	255.0	248.4	241.8	230.3	221.5	215.4	213.8	215.4	221.5	230.3
145°	274.8	259.9	253.9	247.9	236.9	228.6	223.1	220.9	223.1	228.6	236.9
147.5°	278.1	263.8	258.3	252.8	243.5	235.8	230.3	228.6	230.3	235.8	243.5
150°	280.3	267.6	262.6	257.7	249.5	242.4	238.0	236.3	238.0	242.4	249.5
152.5°	282.5	271.5	267.1	262.7	255.0	249.0	244.6	244.0	244.6	249.0	255.0
155°	284.7	275.3	271.2	267.1	261.0	255.0	251.7	251.2	251.7	255.0	261.0
157.5°	286.3	278.1	274.5	270.9	266.0	260.5	257.7	257.2	257.7	260.5	266.0
160°	287.4	280.8	277.8	274.8	270.4	266.0	263.8	263.2	263.8	266.0	270.4
162.5°	288.0	282.5	280.3	278.1	274.2	270.9	268.7	269.3	268.7	270.9	274.2
165°	288.5	283.6	282.0	280.3	277.5	274.2	273.1	273.7	273.1	274.2	277.5
167.5°	288.5	284.7	283.6	282.5	280.3	278.1	277.0	277.5	277.0	278.1	280.3
170°	288.0	285.2	284.4	283.6	282.5	280.8	280.3	281.4	280.3	280.8	282.5
172.5°	287.4	285.8	285.2	284.7	284.1	282.5	283.0	283.6	283.0	282.5	284.1
175°	286.9	285.8	285.5	285.2	285.2	284.1	284.7	285.2	284.7	284.1	285.2
177.5°	286.3	285.8	285.8	285.8	285.8	284.7	285.2	286.3	285.2	284.7	285.8
180°	285.8	285.8	285.8	285.8	285.8	285.8	285.8	285.8	285.8	285.8	285.8

TEST NUMBER: P1000175

CATALOG NUMBER: SA2XXRDIP-B865D530UB50-4F0-XX-W2A-A4

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°	6.6	7.4	8.2	11.0	14.8	18.1	18.7	18.1	17.6	16.5	17.6
92.5°	23.1	26.1	29.1	44.0	64.8	83.5	84.6	70.9	55.5	47.3	41.2
95°	40.7	47.3	53.9	79.1	127.0	190.7	215.4	188.5	144.0	110.5	87.4
97.5°	55.0	62.4	69.8	102.2	168.7	271.5	351.2	353.9	294.6	235.2	179.7
100°	68.7	76.4	84.1	113.2	180.3	299.0	434.2	513.3	501.8	433.6	358.3
102.5°	81.3	89.0	96.7	123.1	180.8	288.5	436.9	572.7	637.5	635.3	585.3
105°	93.4	101.1	108.8	134.6	183.6	274.2	407.2	553.4	667.7	729.8	737.0
107.5°	105.5	113.2	120.9	146.2	189.6	266.5	379.8	512.8	635.3	727.6	781.5
110°	117.6	125.6	133.5	157.7	197.3	264.3	361.1	474.8	590.8	689.2	759.5

TEST NUMBER: P1000175

CATALOG NUMBER: SA2XXRDIP-B865D530UB50-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
112.5°	129.1	137.4	145.6	168.7	205.5	264.9	349.0	448.5	550.1	643.5	719.9
115°	141.8	149.2	156.6	180.3	213.8	267.1	340.7	427.6	518.2	602.9	674.9
117.5°	153.3	161.0	168.7	190.7	222.6	270.4	336.3	413.3	491.9	567.7	634.8
120°	164.9	172.6	180.3	201.7	231.4	273.7	332.5	402.3	473.2	541.3	599.6
122.5°	176.4	184.4	192.4	212.1	239.1	277.5	330.3	392.9	458.3	519.3	573.8
125°	187.4	195.1	202.8	222.6	247.3	281.4	327.5	384.2	444.1	500.7	549.0
127.5°	197.3	205.2	213.2	232.5	255.0	285.2	325.9	375.9	429.8	482.0	528.1
130°	206.6	214.3	222.0	241.3	262.1	289.6	324.8	367.7	416.0	463.3	506.7
132.5°	215.4	223.1	230.8	249.0	269.3	294.0	324.2	361.1	402.8	445.7	484.7
135°	223.1	230.8	238.5	256.1	275.3	297.3	323.7	355.0	390.7	427.0	463.3
137.5°	230.3	237.4	244.6	262.1	280.3	300.6	323.7	350.6	380.9	412.2	441.9
140°	236.3	243.4	250.6	267.1	284.1	302.8	323.1	346.8	371.5	397.9	423.2
142.5°	241.8	248.4	255.0	270.9	287.4	304.5	323.1	342.9	363.8	385.3	406.1
145°	247.9	253.9	259.9	274.8	290.2	305.6	322.0	339.6	356.7	374.8	391.8
147.5°	252.8	258.3	263.8	278.1	291.8	306.1	320.4	336.3	351.2	366.0	379.8
150°	257.7	262.6	267.6	280.3	292.9	305.6	318.8	331.9	345.1	357.2	368.8
152.5°	262.7	267.1	271.5	282.5	293.5	304.5	316.0	328.1	339.1	350.1	359.4
155°	267.1	271.2	275.3	284.7	294.0	303.4	312.7	323.1	333.6	342.4	350.6
157.5°	270.9	274.5	278.1	286.3	294.0	301.2	309.4	318.8	327.0	334.7	341.8
160°	274.8	277.8	280.8	287.4	294.0	299.5	306.1	313.8	321.0	327.0	333.0
162.5°	278.1	280.3	282.5	288.0	293.5	297.9	303.4	309.4	314.9	319.9	324.8
165°	280.3	282.0	283.6	288.5	292.4	295.7	299.5	304.5	308.9	312.7	316.6
167.5°	282.5	283.6	284.7	288.5	291.8	293.5	296.2	299.5	302.8	306.1	308.9
170°	283.6	284.4	285.2	288.0	290.7	291.8	293.5	295.7	298.4	300.1	302.3
172.5°	284.7	285.2	285.8	287.4	289.1	289.6	290.2	291.8	293.5	294.6	296.2
175°	285.2	285.5	285.8	286.9	288.0	287.4	288.0	288.5	290.2	290.7	291.3
177.5°	285.8	285.8	285.8	286.3	287.4	286.3	285.8	286.3	287.4	287.4	288.0
180°	285.8	285.8	285.8	285.8	285.8	285.8	285.8	285.8	285.8	285.8	285.8

TEST NUMBER: P1000175

CATALOG NUMBER: SA2XXRDIP-B865D530UB50-4F0-XX-W2A-A4

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°	17.8	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	17.8
92.5°	39.0	36.8	36.3	34.1	34.6	33.5	34.6	34.1	36.3	36.8	39.0
95°	81.4	75.3	68.1	63.8	62.1	62.7	62.1	63.8	68.1	75.3	81.4
97.5°	163.2	146.7	125.3	114.3	108.3	105.0	108.3	114.3	125.3	146.7	163.2
100°	325.0	291.8	246.2	222.6	206.6	196.7	206.6	222.6	246.2	291.8	325.0
102.5°	549.6	513.9	463.3	418.8	397.9	383.6	397.9	418.8	463.3	513.9	549.6
105°	727.9	718.8	684.8	650.7	627.1	619.4	627.1	650.7	684.8	718.8	727.9
107.5°	792.5	803.5	802.9	798.0	790.8	778.2	790.8	798.0	802.9	803.5	792.5
110°	782.0	804.6	828.2	838.6	843.6	843.0	843.6	838.6	828.2	804.6	782.0



TEST NUMBER: P1000175

CATALOG NUMBER: SA2XXRDIP-B865D530UB50-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
112.5°	746.6	773.2	808.4	827.7	838.1	841.9	838.1	827.7	808.4	773.2	746.6
115°	703.2	731.5	770.5	795.8	810.1	815.0	810.1	795.8	770.5	731.5	703.2
117.5°	661.7	688.6	728.7	755.7	770.5	774.3	770.5	755.7	728.7	688.6	661.7
120°	624.6	649.6	688.1	713.9	729.8	735.3	729.8	713.9	688.1	649.6	624.6
122.5°	595.8	617.7	651.2	676.5	690.3	694.7	690.3	676.5	651.2	617.7	595.8
125°	569.6	590.2	622.1	643.0	656.7	661.1	656.7	643.0	622.1	590.2	569.6
127.5°	547.4	566.6	594.6	614.4	626.5	629.8	626.5	614.4	594.6	566.6	547.4
130°	524.8	543.0	569.9	588.6	599.6	604.0	599.6	588.6	569.9	543.0	524.8
132.5°	501.4	518.2	544.6	563.3	573.2	577.1	573.2	563.3	544.6	518.2	501.4
135°	478.7	494.1	517.7	535.8	545.7	547.9	545.7	535.8	517.7	494.1	478.7
137.5°	455.6	469.3	491.9	507.8	516.6	519.9	516.6	507.8	491.9	469.3	455.6
140°	435.3	447.4	464.9	479.2	487.5	490.8	487.5	479.2	464.9	447.4	435.3
142.5°	415.8	425.4	441.9	454.5	461.6	461.6	461.6	454.5	441.9	425.4	415.8
145°	399.8	407.8	421.0	430.3	435.8	437.5	435.8	430.3	421.0	407.8	399.8
147.5°	385.8	391.8	403.4	411.1	414.9	416.0	414.9	411.1	403.4	391.8	385.8
150°	373.8	378.7	386.9	393.5	396.8	397.3	396.8	393.5	386.9	378.7	373.8
152.5°	363.5	367.7	373.7	379.2	381.4	381.4	381.4	379.2	373.7	367.7	363.5
155°	353.6	356.7	362.7	366.6	368.8	367.7	368.8	366.6	362.7	356.7	353.6
157.5°	344.3	346.8	351.2	354.5	355.6	355.6	355.6	354.5	351.2	346.8	344.3
160°	335.0	336.9	340.7	343.5	344.0	344.0	344.0	343.5	340.7	336.9	335.0
162.5°	326.2	327.5	331.4	333.0	333.6	333.0	333.6	333.0	331.4	327.5	326.2
165°	317.7	318.8	321.0	323.1	323.1	322.6	323.1	323.1	321.0	318.8	317.7
167.5°	310.0	311.1	312.2	313.3	313.3	312.7	313.3	313.3	312.2	311.1	310.0
170°	302.8	303.4	303.9	305.6	305.0	303.9	305.0	305.6	303.9	303.4	302.8
172.5°	296.5	296.8	297.3	297.9	297.3	296.8	297.3	297.9	297.3	296.8	296.5
175°	291.6	291.8	291.8	292.4	291.8	290.7	291.8	292.4	291.8	291.8	291.6
177.5°	288.0	288.0	288.0	288.0	287.4	286.3	287.4	288.0	288.0	288.0	288.0
180°	285.8	285.8	285.8	285.8	285.8	285.8	285.8	285.8	285.8	285.8	285.8

TEST NUMBER: P1000175

CATALOG NUMBER: SA2XXRDIP-B865D530UB50-4F0-XX-W2A-A4

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°	17.6	16.5	17.6	18.1	18.7	18.1	14.8	11.0	8.2	7.4	6.6
92.5°	41.2	47.3	55.5	70.9	84.6	83.5	64.8	44.0	29.1	26.1	23.1
95°	87.4	110.5	144.0	188.5	215.4	190.7	127.0	79.1	53.9	47.3	40.7
97.5°	179.7	235.2	294.6	353.9	351.2	271.5	168.7	102.2	69.8	62.4	55.0
100°	358.3	433.6	501.8	513.3	434.2	299.0	180.3	113.2	84.1	76.4	68.7
102.5°	585.3	635.3	637.5	572.7	436.9	288.5	180.8	123.1	96.7	89.0	81.3
105°	737.0	729.8	667.7	553.4	407.2	274.2	183.6	134.6	108.8	101.1	93.4
107.5°	781.5	727.6	635.3	512.8	379.8	266.5	189.6	146.2	120.9	113.2	105.5
110°	759.5	689.2	590.8	474.8	361.1	264.3	197.3	157.7	133.5	125.6	117.6

TEST NUMBER: P1000175

CATALOG NUMBER: SA2XXRDIP-B865D530UB50-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
112.5°	719.9	643.5	550.1	448.5	349.0	264.9	205.5	168.7	145.6	137.4	129.1
115°	674.9	602.9	518.2	427.6	340.7	267.1	213.8	180.3	156.6	149.2	141.8
117.5°	634.8	567.7	491.9	413.3	336.3	270.4	222.6	190.7	168.7	161.0	153.3
120°	599.6	541.3	473.2	402.3	332.5	273.7	231.4	201.7	180.3	172.6	164.9
122.5°	573.8	519.3	458.3	392.9	330.3	277.5	239.1	212.1	192.4	184.4	176.4
125°	549.0	500.7	444.1	384.2	327.5	281.4	247.3	222.6	202.8	195.1	187.4
127.5°	528.1	482.0	429.8	375.9	325.9	285.2	255.0	232.5	213.2	205.2	197.3
130°	506.7	463.3	416.0	367.7	324.8	289.6	262.1	241.3	222.0	214.3	206.6
132.5°	484.7	445.7	402.8	361.1	324.2	294.0	269.3	249.0	230.8	223.1	215.4
135°	463.3	427.0	390.7	355.0	323.7	297.3	275.3	256.1	238.5	230.8	223.1
137.5°	441.9	412.2	380.9	350.6	323.7	300.6	280.3	262.1	244.6	237.4	230.3
140°	423.2	397.9	371.5	346.8	323.1	302.8	284.1	267.1	250.6	243.4	236.3
142.5°	406.1	385.3	363.8	342.9	323.1	304.5	287.4	270.9	255.0	248.4	241.8
145°	391.8	374.8	356.7	339.6	322.0	305.6	290.2	274.8	259.9	253.9	247.9
147.5°	379.8	366.0	351.2	336.3	320.4	306.1	291.8	278.1	263.8	258.3	252.8
150°	368.8	357.2	345.1	331.9	318.8	305.6	292.9	280.3	267.6	262.6	257.7
152.5°	359.4	350.1	339.1	328.1	316.0	304.5	293.5	282.5	271.5	267.1	262.7
155°	350.6	342.4	333.6	323.1	312.7	303.4	294.0	284.7	275.3	271.2	267.1
157.5°	341.8	334.7	327.0	318.8	309.4	301.2	294.0	286.3	278.1	274.5	270.9
160°	333.0	327.0	321.0	313.8	306.1	299.5	294.0	287.4	280.8	277.8	274.8
162.5°	324.8	319.9	314.9	309.4	303.4	297.9	293.5	288.0	282.5	280.3	278.1
165°	316.6	312.7	308.9	304.5	299.5	295.7	292.4	288.5	283.6	282.0	280.3
167.5°	308.9	306.1	302.8	299.5	296.2	293.5	291.8	288.5	284.7	283.6	282.5
170°	302.3	300.1	298.4	295.7	293.5	291.8	290.7	288.0	285.2	284.4	283.6
172.5°	296.2	294.6	293.5	291.8	290.2	289.6	289.1	287.4	285.8	285.2	284.7
175°	291.3	290.7	290.2	288.5	288.0	287.4	288.0	286.9	285.8	285.5	285.2
177.5°	288.0	287.4	287.4	286.3	285.8	286.3	287.4	286.3	285.8	285.8	285.8
180°	285.8	285.8	285.8	285.8	285.8	285.8	285.8	285.8	285.8	285.8	285.8

TEST NUMBER: P1000175

CATALOG NUMBER: SA2XXRDIP-B865D530UB50-4F0-XX-W2A-A4

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°	5.5	4.4	2.2	0.5
92.5°	18.7	15.9	11.5	8.2
95°	31.9	26.9	21.4	19.2
97.5°	45.1	37.9	31.9	28.6
100°	57.7	48.9	44.0	42.3
102.5°	69.8	61.0	56.1	55.0
105°	81.3	73.1	69.2	67.0
107.5°	93.4	85.7	81.9	80.2
110°	106.1	98.9	95.6	93.4

TEST NUMBER: P1000175

CATALOG NUMBER: SA2XXRDIP-B865D530UB50-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
112.5°	118.2	111.6	107.7	105.5
115°	130.8	124.2	120.9	118.2
117.5°	142.9	136.8	133.5	131.3
120°	153.9	148.9	145.6	143.4
122.5°	165.4	159.9	156.6	155.0
125°	176.4	169.8	166.5	164.9
127.5°	186.9	179.7	175.3	173.1
130°	195.6	188.0	182.5	180.3
132.5°	203.9	195.6	189.6	186.9
135°	210.5	202.2	195.6	193.4
137.5°	217.6	208.8	202.2	199.5
140°	224.2	215.4	208.8	206.6
142.5°	230.3	221.5	215.4	213.8
145°	236.9	228.6	223.1	220.9
147.5°	243.5	235.8	230.3	228.6
150°	249.5	242.4	238.0	236.3
152.5°	255.0	249.0	244.6	244.0
155°	261.0	255.0	251.7	251.2
157.5°	266.0	260.5	257.7	257.2
160°	270.4	266.0	263.8	263.2
162.5°	274.2	270.9	268.7	269.3
165°	277.5	274.2	273.1	273.7
167.5°	280.3	278.1	277.0	277.5
170°	282.5	280.8	280.3	281.4
172.5°	284.1	282.5	283.0	283.6
175°	285.2	284.1	284.7	285.2
177.5°	285.8	284.7	285.2	286.3
180°	285.8	285.8	285.8	285.8

(END OF REPORT)