

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: P1000174

Luminaire Tested: SA2XXRDIP-B865D530UB50-4F0-XX-W2A-A1

Issue Date: 5/6/2025

Test Information

Test Method: LM-79-2019
Report Number: P1000174
REPORT IS A COMBINATION OF REPORTS P988734 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-A1
Description: Define 2 Regressed Direct/Indirect Pendant with 5000K BioUP LEDs {m-DER=1.015}
{m-EER=1.115}
Light Source: -
Ballast/Driver: -

Summary

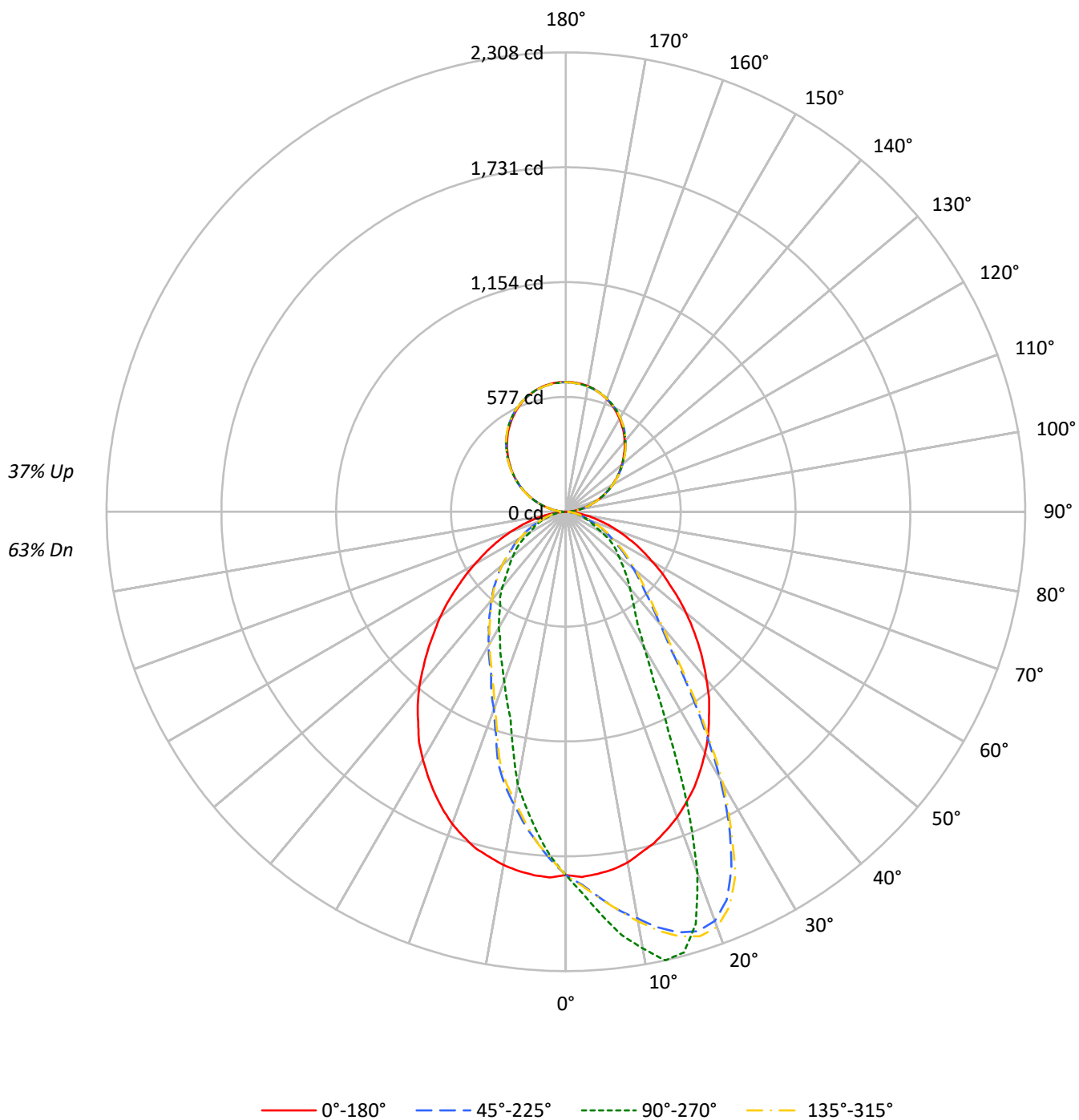
Lumens per Lamp: N/A
Luminaire Lumens: 4976.0 lumens
Efficiency: N/A
Efficacy: 80.0 lumens/watt
Spacing Criteria (0/90/45): 1.16 / 0.85 / 1.01
Luminous Opening: Rectangular w/ Sides (W: 0.17' x L: 4' x H: 0.1')
CIE Type: Semi-Direct

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

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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	104	104	104	104	91	91	91	79	79	79	68	68	68
1	102	98	94	91	95	92	89	86	81	79	77	71	70	68	62	61	60
2	94	87	81	76	88	82	77	72	72	69	65	64	61	58	56	54	52
3	86	77	70	65	81	73	67	62	65	60	56	57	54	51	51	48	45
4	79	69	62	56	74	65	59	54	58	53	49	52	48	45	46	43	40
5	73	62	55	49	69	59	52	47	53	47	43	47	43	39	42	39	36
6	68	56	49	43	64	54	47	42	48	43	38	43	39	35	39	35	32
7	63	51	44	38	60	49	42	37	44	39	34	40	35	32	36	32	29
8	59	47	40	35	56	45	38	33	41	35	31	37	32	29	33	29	27
9	55	43	36	31	52	41	35	30	38	32	28	34	30	26	31	27	24
10	52	40	33	29	49	38	32	28	35	30	26	32	27	24	29	25	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

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	173.1	3.5
10°-20°	483.2	9.7
20°-30°	621.9	12.5
30°-40°	590.0	11.9
40°-50°	505.6	10.2
50°-60°	385.1	7.7
60°-70°	242.8	4.9
70°-80°	121.1	2.4
80°-90°	33.0	0.7
90°-100°	40.3	0.8
100°-110°	128.0	2.6
110°-120°	219.1	4.4
120°-130°	288.1	5.8
130°-140°	323.4	6.5
140°-150°	317.1	6.4
150°-160°	266.0	5.3
160°-170°	176.4	3.5
170°-180°	61.7	1.2
0°-30°	1278.2	25.7
0°-40°	1868.2	37.5
0°-60°	2758.9	55.4
0°-90°	3155.8	63.4
90°-120°	387.4	7.8
90°-150°	1316.0	26.4
90°-180°	1820.0	36.6
0°-180°	4976.0	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	19	0	19	0	4
95°	29	34	29	34	29	32
105°	118	122	118	122	118	125
115°	220	220	220	220	220	217
125°	320	321	320	321	320	286
135°	414	419	414	419	414	320
145°	502	508	502	508	502	314
155°	574	578	574	578	574	264
165°	625	625	625	625	625	176
175°	650	648	650	648	650	62
180°	651	651	651	651	651	

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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°	0.5	2.0	3.4	4.9	6.4	7.1	8.4	11.1	13.8	16.5	19.2
92.5°	12.1	13.1	14.1	15.0	16.0	16.5	16.6	16.7	16.8	16.9	17.0
95°	28.6	29.8	31.0	32.3	33.5	34.1	34.2	34.5	34.7	35.0	35.2
97.5°	47.8	48.9	50.0	51.1	52.2	52.7	52.9	53.4	53.9	54.4	54.9
100°	69.8	70.8	71.8	72.7	73.7	74.2	74.4	74.7	75.1	75.4	75.8
102.5°	92.8	93.5	94.3	95.0	95.7	96.1	96.3	96.8	97.3	97.8	98.3
105°	118.1	118.5	118.9	119.2	119.6	119.8	119.9	120.2	120.4	120.7	120.9
107.5°	143.4	143.9	144.4	144.9	145.4	145.6	145.6	145.6	145.6	145.6	145.6
110°	167.6	168.3	169.1	169.8	170.5	170.9	170.9	170.9	170.9	170.9	170.9



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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	193.9	194.6	195.4	196.1	196.8	197.2	197.1	197.0	196.9	196.8	196.7
115°	219.8	220.5	221.3	222.0	222.7	223.1	223.0	222.7	222.5	222.2	222.0
117.5°	245.6	246.6	247.6	248.5	249.5	250.0	249.7	249.1	248.4	247.8	247.2
120°	271.4	272.4	273.4	274.3	275.3	275.8	275.3	274.3	273.4	272.4	271.4
122.5°	295.0	296.2	297.4	298.7	299.9	300.5	300.2	299.6	299.0	298.4	297.8
125°	319.7	320.8	321.9	323.0	324.1	324.7	324.5	324.1	323.8	323.4	323.0
127.5°	343.9	345.3	346.6	348.0	349.3	350.0	349.8	349.3	348.8	348.3	347.8
130°	366.4	368.0	369.6	371.2	372.8	373.6	373.5	373.2	373.0	372.7	372.5
132.5°	391.7	392.9	394.1	395.4	396.6	397.2	397.3	397.4	397.5	397.7	397.8
135°	413.7	415.0	416.4	417.7	419.0	419.7	419.8	420.1	420.3	420.6	420.8
137.5°	437.9	439.0	440.1	441.2	442.3	442.8	442.9	443.2	443.4	443.7	443.9
140°	459.3	460.4	461.5	462.6	463.7	464.2	464.5	465.1	465.8	466.4	467.0
142.5°	481.3	482.4	483.5	484.6	485.7	486.2	486.4	486.8	487.1	487.5	487.9
145°	502.1	503.0	503.8	504.7	505.6	506.0	506.4	507.1	507.8	508.6	509.3
147.5°	520.8	521.9	523.0	524.1	525.2	525.8	526.0	526.5	527.0	527.5	528.0
150°	540.1	540.8	541.5	542.2	542.9	543.3	543.5	544.0	544.5	545.0	545.5
152.5°	557.1	557.8	558.6	559.3	560.0	560.4	560.7	561.3	561.9	562.5	563.1
155°	574.1	574.5	574.9	575.2	575.6	575.8	576.0	576.3	576.7	577.0	577.4
157.5°	588.9	589.1	589.4	589.6	589.9	590.0	590.1	590.4	590.6	590.9	591.1
160°	602.1	602.3	602.6	602.8	603.1	603.2	603.3	603.4	603.5	603.7	603.8
162.5°	614.2	614.2	614.2	614.2	614.2	614.2	614.3	614.4	614.5	614.7	614.8
165°	624.7	624.6	624.4	624.3	624.2	624.1	624.1	624.1	624.1	624.1	624.1
167.5°	634.0	633.6	633.2	632.9	632.5	632.3	632.3	632.3	632.3	632.3	632.3
170°	641.1	640.7	640.4	640.0	639.7	639.5	639.4	639.3	639.2	639.0	638.9
172.5°	646.1	645.7	645.3	645.0	644.6	644.4	644.3	644.2	644.1	644.0	643.9
175°	649.9	649.5	649.2	648.8	648.5	648.3	648.2	647.9	647.7	647.4	647.2
177.5°	652.1	651.7	651.4	651.0	650.7	650.5	650.4	650.1	649.9	649.6	649.4
180°	651.0	651.0	651.0	651.0	651.0	651.0	651.0	651.0	651.0	651.0	651.0

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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°	19.0	18.7	18.5	18.2	18.1	18.2	18.3	18.4	18.6	18.7	18.6
92.5°	17.1	17.3	17.4	17.5	17.6	17.6	17.6	17.6	17.6	17.6	17.6
95°	35.2	35.2	35.2	35.2	35.2	35.1	34.8	34.6	34.3	34.1	34.3
97.5°	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9
100°	75.8	75.8	75.8	75.8	75.8	75.7	75.6	75.5	75.4	75.3	75.4
102.5°	98.4	98.6	98.7	98.8	98.9	98.8	98.7	98.6	98.4	98.3	98.4
105°	121.1	121.4	121.6	121.9	122.0	122.0	122.0	122.0	122.0	122.0	122.0
107.5°	145.7	145.8	145.9	146.0	146.1	145.8	145.2	144.6	144.0	143.4	144.0
110°	170.9	170.9	170.9	170.9	170.9	170.7	170.3	170.0	169.6	169.2	169.6

TEST NUMBER: P1000174

CATALOG NUMBER: SA2XXRDIP-B865D530UB50-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	196.3	195.9	195.6	195.2	195.0	194.9	194.6	194.4	194.1	193.9	194.1
115°	221.9	221.7	221.6	221.5	221.4	221.2	220.9	220.5	220.2	219.8	220.2
117.5°	246.8	246.5	246.1	245.8	245.6	245.4	245.0	244.7	244.3	243.9	244.3
120°	271.4	271.4	271.4	271.4	271.4	271.2	270.9	270.5	270.2	269.8	270.2
122.5°	297.4	297.0	296.7	296.3	296.1	296.0	295.7	295.5	295.2	295.0	295.2
125°	322.6	322.3	321.9	321.6	321.4	321.3	321.2	321.1	320.9	320.8	320.9
127.5°	347.3	346.8	346.3	345.8	345.6	345.4	345.0	344.7	344.3	343.9	344.3
130°	372.3	372.0	371.8	371.5	371.4	371.2	370.7	370.2	369.7	369.2	369.7
132.5°	397.2	396.6	395.9	395.3	395.0	394.8	394.5	394.1	393.8	393.4	393.8
135°	420.7	420.6	420.5	420.4	420.3	420.1	419.7	419.4	419.0	418.6	419.0
137.5°	443.8	443.7	443.6	443.5	443.4	443.2	442.7	442.2	441.7	441.2	441.7
140°	467.0	467.0	467.0	467.0	467.0	466.8	466.3	465.8	465.3	464.8	465.3
142.5°	488.0	488.1	488.2	488.3	488.4	488.2	487.7	487.2	486.7	486.2	486.7
145°	509.4	509.5	509.6	509.7	509.8	509.6	509.1	508.6	508.1	507.6	508.1
147.5°	528.2	528.5	528.7	529.0	529.1	528.9	528.4	527.9	527.4	526.9	527.4
150°	545.9	546.3	546.6	547.0	547.2	547.0	546.6	546.3	545.9	545.5	545.9
152.5°	563.6	564.1	564.6	565.1	565.3	565.1	564.6	564.1	563.6	563.1	563.6
155°	578.0	578.6	579.3	579.9	580.2	580.0	579.6	579.3	578.9	578.5	578.9
157.5°	592.0	592.8	593.7	594.6	595.0	594.7	594.1	593.4	592.8	592.2	592.8
160°	604.5	605.3	606.0	606.7	607.1	606.9	606.4	605.9	605.4	604.9	605.4
162.5°	615.6	616.5	617.3	618.2	618.6	618.3	617.7	617.1	616.5	615.9	616.5
165°	625.0	625.8	626.7	627.6	628.0	627.7	627.1	626.4	625.8	625.2	625.8
167.5°	633.2	634.0	634.9	635.8	636.2	635.9	635.3	634.6	634.0	633.4	634.0
170°	639.8	640.6	641.5	642.4	642.8	642.4	641.7	641.0	640.2	639.5	640.2
172.5°	644.7	645.6	646.4	647.3	647.7	647.3	646.6	645.9	645.1	644.4	645.1
175°	648.0	648.9	649.7	650.6	651.0	650.6	649.9	649.2	648.4	647.7	648.4
177.5°	650.1	650.9	651.6	652.3	652.7	652.3	651.6	650.9	650.1	649.4	650.1
180°	651.0	651.0	651.0	651.0	651.0	651.0	651.0	651.0	651.0	651.0	651.0

TEST NUMBER: P1000174

CATALOG NUMBER: SA2XXRDIP-B865D530UB50-4F0-XX-W2A-A1

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°	18.4	18.3	18.2	18.1	18.2	18.5	18.7	19.0	19.2	16.5	13.8
92.5°	17.6	17.6	17.6	17.6	17.5	17.4	17.3	17.1	17.0	16.9	16.8
95°	34.6	34.8	35.1	35.2	35.2	35.2	35.2	35.2	35.2	35.0	34.7
97.5°	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.4	53.9
100°	75.5	75.6	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.4	75.1
102.5°	98.6	98.7	98.8	98.9	98.8	98.7	98.6	98.4	98.3	97.8	97.3
105°	122.0	122.0	122.0	122.0	121.9	121.6	121.4	121.1	120.9	120.7	120.4
107.5°	144.6	145.2	145.8	146.1	146.0	145.9	145.8	145.7	145.6	145.6	145.6
110°	170.0	170.3	170.7	170.9	170.9	170.9	170.9	170.9	170.9	170.9	170.9

TEST NUMBER: P1000174

CATALOG NUMBER: SA2XXRDIP-B865D530UB50-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	194.4	194.6	194.9	195.0	195.2	195.6	195.9	196.3	196.7	196.8	196.9
115°	220.5	220.9	221.2	221.4	221.5	221.6	221.7	221.9	222.0	222.2	222.5
117.5°	244.7	245.0	245.4	245.6	245.8	246.1	246.5	246.8	247.2	247.8	248.4
120°	270.5	270.9	271.2	271.4	271.4	271.4	271.4	271.4	271.4	272.4	273.4
122.5°	295.5	295.7	296.0	296.1	296.3	296.7	297.0	297.4	297.8	298.4	299.0
125°	321.1	321.2	321.3	321.4	321.6	321.9	322.3	322.6	323.0	323.4	323.8
127.5°	344.7	345.0	345.4	345.6	345.8	346.3	346.8	347.3	347.8	348.3	348.8
130°	370.2	370.7	371.2	371.4	371.5	371.8	372.0	372.3	372.5	372.7	373.0
132.5°	394.1	394.5	394.8	395.0	395.3	395.9	396.6	397.2	397.8	397.7	397.5
135°	419.4	419.7	420.1	420.3	420.4	420.5	420.6	420.7	420.8	420.6	420.3
137.5°	442.2	442.7	443.2	443.4	443.5	443.6	443.7	443.8	443.9	443.7	443.4
140°	465.8	466.3	466.8	467.0	467.0	467.0	467.0	467.0	467.0	466.4	465.8
142.5°	487.2	487.7	488.2	488.4	488.3	488.2	488.1	488.0	487.9	487.5	487.1
145°	508.6	509.1	509.6	509.8	509.7	509.6	509.5	509.4	509.3	508.6	507.8
147.5°	527.9	528.4	528.9	529.1	529.0	528.7	528.5	528.2	528.0	527.5	527.0
150°	546.3	546.6	547.0	547.2	547.0	546.6	546.3	545.9	545.5	545.0	544.5
152.5°	564.1	564.6	565.1	565.3	565.1	564.6	564.1	563.6	563.1	562.5	561.9
155°	579.3	579.6	580.0	580.2	579.9	579.3	578.6	578.0	577.4	577.0	576.7
157.5°	593.4	594.1	594.7	595.0	594.6	593.7	592.8	592.0	591.1	590.9	590.6
160°	605.9	606.4	606.9	607.1	606.7	606.0	605.3	604.5	603.8	603.7	603.5
162.5°	617.1	617.7	618.3	618.6	618.2	617.3	616.5	615.6	614.8	614.7	614.5
165°	626.4	627.1	627.7	628.0	627.6	626.7	625.8	625.0	624.1	624.1	624.1
167.5°	634.6	635.3	635.9	636.2	635.8	634.9	634.0	633.2	632.3	632.3	632.3
170°	641.0	641.7	642.4	642.8	642.4	641.5	640.6	639.8	638.9	639.0	639.2
172.5°	645.9	646.6	647.3	647.7	647.3	646.4	645.6	644.7	643.9	644.0	644.1
175°	649.2	649.9	650.6	651.0	650.6	649.7	648.9	648.0	647.2	647.4	647.7
177.5°	650.9	651.6	652.3	652.7	652.3	651.6	650.9	650.1	649.4	649.6	649.9
180°	651.0	651.0	651.0	651.0	651.0	651.0	651.0	651.0	651.0	651.0	651.0

TEST NUMBER: P1000174

CATALOG NUMBER: SA2XXRDIP-B865D530UB50-4F0-XX-W2A-A1

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°	11.1	8.4	7.1	6.4	4.9	3.4	2.0	0.5	2.0	3.4	4.9
92.5°	16.7	16.6	16.5	16.0	15.0	14.1	13.1	12.1	13.1	14.1	15.0
95°	34.5	34.2	34.1	33.5	32.3	31.0	29.8	28.6	29.8	31.0	32.3
97.5°	53.4	52.9	52.7	52.2	51.1	50.0	48.9	47.8	48.9	50.0	51.1
100°	74.7	74.4	74.2	73.7	72.7	71.8	70.8	69.8	70.8	71.8	72.7
102.5°	96.8	96.3	96.1	95.7	95.0	94.3	93.5	92.8	93.5	94.3	95.0
105°	120.2	119.9	119.8	119.6	119.2	118.9	118.5	118.1	118.5	118.9	119.2
107.5°	145.6	145.6	145.6	145.4	144.9	144.4	143.9	143.4	143.9	144.4	144.9
110°	170.9	170.9	170.9	170.5	169.8	169.1	168.3	167.6	168.3	169.1	169.8

TEST NUMBER: P1000174

CATALOG NUMBER: SA2XXRDIP-B865D530UB50-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
112.5°	197.0	197.1	197.2	196.8	196.1	195.4	194.6	193.9	194.6	195.4	196.1
115°	222.7	223.0	223.1	222.7	222.0	221.3	220.5	219.8	220.5	221.3	222.0
117.5°	249.1	249.7	250.0	249.5	248.5	247.6	246.6	245.6	246.6	247.6	248.5
120°	274.3	275.3	275.8	275.3	274.3	273.4	272.4	271.4	272.4	273.4	274.3
122.5°	299.6	300.2	300.5	299.9	298.7	297.4	296.2	295.0	296.2	297.4	298.7
125°	324.1	324.5	324.7	324.1	323.0	321.9	320.8	319.7	320.8	321.9	323.0
127.5°	349.3	349.8	350.0	349.3	348.0	346.6	345.3	343.9	345.3	346.6	348.0
130°	373.2	373.5	373.6	372.8	371.2	369.6	368.0	366.4	368.0	369.6	371.2
132.5°	397.4	397.3	397.2	396.6	395.4	394.1	392.9	391.7	392.9	394.1	395.4
135°	420.1	419.8	419.7	419.0	417.7	416.4	415.0	413.7	415.0	416.4	417.7
137.5°	443.2	442.9	442.8	442.3	441.2	440.1	439.0	437.9	439.0	440.1	441.2
140°	465.1	464.5	464.2	463.7	462.6	461.5	460.4	459.3	460.4	461.5	462.6
142.5°	486.8	486.4	486.2	485.7	484.6	483.5	482.4	481.3	482.4	483.5	484.6
145°	507.1	506.4	506.0	505.6	504.7	503.8	503.0	502.1	503.0	503.8	504.7
147.5°	526.5	526.0	525.8	525.2	524.1	523.0	521.9	520.8	521.9	523.0	524.1
150°	544.0	543.5	543.3	542.9	542.2	541.5	540.8	540.1	540.8	541.5	542.2
152.5°	561.3	560.7	560.4	560.0	559.3	558.6	557.8	557.1	557.8	558.6	559.3
155°	576.3	576.0	575.8	575.6	575.2	574.9	574.5	574.1	574.5	574.9	575.2
157.5°	590.4	590.1	590.0	589.9	589.6	589.4	589.1	588.9	589.1	589.4	589.6
160°	603.4	603.3	603.2	603.1	602.8	602.6	602.3	602.1	602.3	602.6	602.8
162.5°	614.4	614.3	614.2	614.2	614.2	614.2	614.2	614.2	614.2	614.2	614.2
165°	624.1	624.1	624.1	624.2	624.3	624.4	624.6	624.7	624.6	624.4	624.3
167.5°	632.3	632.3	632.3	632.5	632.9	633.2	633.6	634.0	633.6	633.2	632.9
170°	639.3	639.4	639.5	639.7	640.0	640.4	640.7	641.1	640.7	640.4	640.0
172.5°	644.2	644.3	644.4	644.6	645.0	645.3	645.7	646.1	645.7	645.3	645.0
175°	647.9	648.2	648.3	648.5	648.8	649.2	649.5	649.9	649.5	649.2	648.8
177.5°	650.1	650.4	650.5	650.7	651.0	651.4	651.7	652.1	651.7	651.4	651.0
180°	651.0	651.0	651.0	651.0	651.0	651.0	651.0	651.0	651.0	651.0	651.0

TEST NUMBER: P1000174

CATALOG NUMBER: SA2XXRDIP-B865D530UB50-4F0-XX-W2A-A1

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°	6.4	7.1	8.4	11.1	13.8	16.5	19.2	19.0	18.7	18.5	18.2
92.5°	16.0	16.5	16.6	16.7	16.8	16.9	17.0	17.1	17.3	17.4	17.5
95°	33.5	34.1	34.2	34.5	34.7	35.0	35.2	35.2	35.2	35.2	35.2
97.5°	52.2	52.7	52.9	53.4	53.9	54.4	54.9	54.9	54.9	54.9	54.9
100°	73.7	74.2	74.4	74.7	75.1	75.4	75.8	75.8	75.8	75.8	75.8
102.5°	95.7	96.1	96.3	96.8	97.3	97.8	98.3	98.4	98.6	98.7	98.8
105°	119.6	119.8	119.9	120.2	120.4	120.7	120.9	121.1	121.4	121.6	121.9
107.5°	145.4	145.6	145.6	145.6	145.6	145.6	145.6	145.7	145.8	145.9	146.0
110°	170.5	170.9	170.9	170.9	170.9	170.9	170.9	170.9	170.9	170.9	170.9

TEST NUMBER: P1000174

CATALOG NUMBER: SA2XXRDIP-B865D530UB50-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
112.5°	196.8	197.2	197.1	197.0	196.9	196.8	196.7	196.3	195.9	195.6	195.2
115°	222.7	223.1	223.0	222.7	222.5	222.2	222.0	221.9	221.7	221.6	221.5
117.5°	249.5	250.0	249.7	249.1	248.4	247.8	247.2	246.8	246.5	246.1	245.8
120°	275.3	275.8	275.3	274.3	273.4	272.4	271.4	271.4	271.4	271.4	271.4
122.5°	299.9	300.5	300.2	299.6	299.0	298.4	297.8	297.4	297.0	296.7	296.3
125°	324.1	324.7	324.5	324.1	323.8	323.4	323.0	322.6	322.3	321.9	321.6
127.5°	349.3	350.0	349.8	349.3	348.8	348.3	347.8	347.3	346.8	346.3	345.8
130°	372.8	373.6	373.5	373.2	373.0	372.7	372.5	372.3	372.0	371.8	371.5
132.5°	396.6	397.2	397.3	397.4	397.5	397.7	397.8	397.2	396.6	395.9	395.3
135°	419.0	419.7	419.8	420.1	420.3	420.6	420.8	420.7	420.6	420.5	420.4
137.5°	442.3	442.8	442.9	443.2	443.4	443.7	443.9	443.8	443.7	443.6	443.5
140°	463.7	464.2	464.5	465.1	465.8	466.4	467.0	467.0	467.0	467.0	467.0
142.5°	485.7	486.2	486.4	486.8	487.1	487.5	487.9	488.0	488.1	488.2	488.3
145°	505.6	506.0	506.4	507.1	507.8	508.6	509.3	509.4	509.5	509.6	509.7
147.5°	525.2	525.8	526.0	526.5	527.0	527.5	528.0	528.2	528.5	528.7	529.0
150°	542.9	543.3	543.5	544.0	544.5	545.0	545.5	545.9	546.3	546.6	547.0
152.5°	560.0	560.4	560.7	561.3	561.9	562.5	563.1	563.6	564.1	564.6	565.1
155°	575.6	575.8	576.0	576.3	576.7	577.0	577.4	578.0	578.6	579.3	579.9
157.5°	589.9	590.0	590.1	590.4	590.6	590.9	591.1	592.0	592.8	593.7	594.6
160°	603.1	603.2	603.3	603.4	603.5	603.7	603.8	604.5	605.3	606.0	606.7
162.5°	614.2	614.2	614.3	614.4	614.5	614.7	614.8	615.6	616.5	617.3	618.2
165°	624.2	624.1	624.1	624.1	624.1	624.1	624.1	625.0	625.8	626.7	627.6
167.5°	632.5	632.3	632.3	632.3	632.3	632.3	632.3	633.2	634.0	634.9	635.8
170°	639.7	639.5	639.4	639.3	639.2	639.0	638.9	639.8	640.6	641.5	642.4
172.5°	644.6	644.4	644.3	644.2	644.1	644.0	643.9	644.7	645.6	646.4	647.3
175°	648.5	648.3	648.2	647.9	647.7	647.4	647.2	648.0	648.9	649.7	650.6
177.5°	650.7	650.5	650.4	650.1	649.9	649.6	649.4	650.1	650.9	651.6	652.3
180°	651.0	651.0	651.0	651.0	651.0	651.0	651.0	651.0	651.0	651.0	651.0

TEST NUMBER: P1000174

CATALOG NUMBER: SA2XXRDIP-B865D530UB50-4F0-XX-W2A-A1

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°	18.1	18.2	18.3	18.4	18.6	18.7	18.6	18.4	18.3	18.2	18.1
92.5°	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6
95°	35.2	35.1	34.8	34.6	34.3	34.1	34.3	34.6	34.8	35.1	35.2
97.5°	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9
100°	75.8	75.7	75.6	75.5	75.4	75.3	75.4	75.5	75.6	75.7	75.8
102.5°	98.9	98.8	98.7	98.6	98.4	98.3	98.4	98.6	98.7	98.8	98.9
105°	122.0	122.0	122.0	122.0	122.0	122.0	122.0	122.0	122.0	122.0	122.0
107.5°	146.1	145.8	145.2	144.6	144.0	143.4	144.0	144.6	145.2	145.8	146.1
110°	170.9	170.7	170.3	170.0	169.6	169.2	169.6	170.0	170.3	170.7	170.9

TEST NUMBER: P1000174

CATALOG NUMBER: SA2XXRDIP-B865D530UB50-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
112.5°	195.0	194.9	194.6	194.4	194.1	193.9	194.1	194.4	194.6	194.9	195.0
115°	221.4	221.2	220.9	220.5	220.2	219.8	220.2	220.5	220.9	221.2	221.4
117.5°	245.6	245.4	245.0	244.7	244.3	243.9	244.3	244.7	245.0	245.4	245.6
120°	271.4	271.2	270.9	270.5	270.2	269.8	270.2	270.5	270.9	271.2	271.4
122.5°	296.1	296.0	295.7	295.5	295.2	295.0	295.2	295.5	295.7	296.0	296.1
125°	321.4	321.3	321.2	321.1	320.9	320.8	320.9	321.1	321.2	321.3	321.4
127.5°	345.6	345.4	345.0	344.7	344.3	343.9	344.3	344.7	345.0	345.4	345.6
130°	371.4	371.2	370.7	370.2	369.7	369.2	369.7	370.2	370.7	371.2	371.4
132.5°	395.0	394.8	394.5	394.1	393.8	393.4	393.8	394.1	394.5	394.8	395.0
135°	420.3	420.1	419.7	419.4	419.0	418.6	419.0	419.4	419.7	420.1	420.3
137.5°	443.4	443.2	442.7	442.2	441.7	441.2	441.7	442.2	442.7	443.2	443.4
140°	467.0	466.8	466.3	465.8	465.3	464.8	465.3	465.8	466.3	466.8	467.0
142.5°	488.4	488.2	487.7	487.2	486.7	486.2	486.7	487.2	487.7	488.2	488.4
145°	509.8	509.6	509.1	508.6	508.1	507.6	508.1	508.6	509.1	509.6	509.8
147.5°	529.1	528.9	528.4	527.9	527.4	526.9	527.4	527.9	528.4	528.9	529.1
150°	547.2	547.0	546.6	546.3	545.9	545.5	545.9	546.3	546.6	547.0	547.2
152.5°	565.3	565.1	564.6	564.1	563.6	563.1	563.6	564.1	564.6	565.1	565.3
155°	580.2	580.0	579.6	579.3	578.9	578.5	578.9	579.3	579.6	580.0	580.2
157.5°	595.0	594.7	594.1	593.4	592.8	592.2	592.8	593.4	594.1	594.7	595.0
160°	607.1	606.9	606.4	605.9	605.4	604.9	605.4	605.9	606.4	606.9	607.1
162.5°	618.6	618.3	617.7	617.1	616.5	615.9	616.5	617.1	617.7	618.3	618.6
165°	628.0	627.7	627.1	626.4	625.8	625.2	625.8	626.4	627.1	627.7	628.0
167.5°	636.2	635.9	635.3	634.6	634.0	633.4	634.0	634.6	635.3	635.9	636.2
170°	642.8	642.4	641.7	641.0	640.2	639.5	640.2	641.0	641.7	642.4	642.8
172.5°	647.7	647.3	646.6	645.9	645.1	644.4	645.1	645.9	646.6	647.3	647.7
175°	651.0	650.6	649.9	649.2	648.4	647.7	648.4	649.2	649.9	650.6	651.0
177.5°	652.7	652.3	651.6	650.9	650.1	649.4	650.1	650.9	651.6	652.3	652.7
180°	651.0	651.0	651.0	651.0	651.0	651.0	651.0	651.0	651.0	651.0	651.0

TEST NUMBER: P1000174

CATALOG NUMBER: SA2XXRDIP-B865D530UB50-4F0-XX-W2A-A1

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°	18.2	18.5	18.7	19.0	19.2	16.5	13.8	11.1	8.4	7.1	6.4
92.5°	17.5	17.4	17.3	17.1	17.0	16.9	16.8	16.7	16.6	16.5	16.0
95°	35.2	35.2	35.2	35.2	35.2	35.0	34.7	34.5	34.2	34.1	33.5
97.5°	54.9	54.9	54.9	54.9	54.9	54.4	53.9	53.4	52.9	52.7	52.2
100°	75.8	75.8	75.8	75.8	75.8	75.4	75.1	74.7	74.4	74.2	73.7
102.5°	98.8	98.7	98.6	98.4	98.3	97.8	97.3	96.8	96.3	96.1	95.7
105°	121.9	121.6	121.4	121.1	120.9	120.7	120.4	120.2	119.9	119.8	119.6
107.5°	146.0	145.9	145.8	145.7	145.6	145.6	145.6	145.6	145.6	145.6	145.4
110°	170.9	170.9	170.9	170.9	170.9	170.9	170.9	170.9	170.9	170.9	170.5

TEST NUMBER: P1000174

CATALOG NUMBER: SA2XXRDIP-B865D530UB50-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
112.5°	195.2	195.6	195.9	196.3	196.7	196.8	196.9	197.0	197.1	197.2	196.8
115°	221.5	221.6	221.7	221.9	222.0	222.2	222.5	222.7	223.0	223.1	222.7
117.5°	245.8	246.1	246.5	246.8	247.2	247.8	248.4	249.1	249.7	250.0	249.5
120°	271.4	271.4	271.4	271.4	271.4	272.4	273.4	274.3	275.3	275.8	275.3
122.5°	296.3	296.7	297.0	297.4	297.8	298.4	299.0	299.6	300.2	300.5	299.9
125°	321.6	321.9	322.3	322.6	323.0	323.4	323.8	324.1	324.5	324.7	324.1
127.5°	345.8	346.3	346.8	347.3	347.8	348.3	348.8	349.3	349.8	350.0	349.3
130°	371.5	371.8	372.0	372.3	372.5	372.7	373.0	373.2	373.5	373.6	372.8
132.5°	395.3	395.9	396.6	397.2	397.8	397.7	397.5	397.4	397.3	397.2	396.6
135°	420.4	420.5	420.6	420.7	420.8	420.6	420.3	420.1	419.8	419.7	419.0
137.5°	443.5	443.6	443.7	443.8	443.9	443.7	443.4	443.2	442.9	442.8	442.3
140°	467.0	467.0	467.0	467.0	467.0	466.4	465.8	465.1	464.5	464.2	463.7
142.5°	488.3	488.2	488.1	488.0	487.9	487.5	487.1	486.8	486.4	486.2	485.7
145°	509.7	509.6	509.5	509.4	509.3	508.6	507.8	507.1	506.4	506.0	505.6
147.5°	529.0	528.7	528.5	528.2	528.0	527.5	527.0	526.5	526.0	525.8	525.2
150°	547.0	546.6	546.3	545.9	545.5	545.0	544.5	544.0	543.5	543.3	542.9
152.5°	565.1	564.6	564.1	563.6	563.1	562.5	561.9	561.3	560.7	560.4	560.0
155°	579.9	579.3	578.6	578.0	577.4	577.0	576.7	576.3	576.0	575.8	575.6
157.5°	594.6	593.7	592.8	592.0	591.1	590.9	590.6	590.4	590.1	590.0	589.9
160°	606.7	606.0	605.3	604.5	603.8	603.7	603.5	603.4	603.3	603.2	603.1
162.5°	618.2	617.3	616.5	615.6	614.8	614.7	614.5	614.4	614.3	614.2	614.2
165°	627.6	626.7	625.8	625.0	624.1	624.1	624.1	624.1	624.1	624.1	624.2
167.5°	635.8	634.9	634.0	633.2	632.3	632.3	632.3	632.3	632.3	632.3	632.5
170°	642.4	641.5	640.6	639.8	638.9	639.0	639.2	639.3	639.4	639.5	639.7
172.5°	647.3	646.4	645.6	644.7	643.9	644.0	644.1	644.2	644.3	644.4	644.6
175°	650.6	649.7	648.9	648.0	647.2	647.4	647.7	647.9	648.2	648.3	648.5
177.5°	652.3	651.6	650.9	650.1	649.4	649.6	649.9	650.1	650.4	650.5	650.7
180°	651.0	651.0	651.0	651.0	651.0	651.0	651.0	651.0	651.0	651.0	651.0

TEST NUMBER: P1000174

CATALOG NUMBER: SA2XXRDIP-B865D530UB50-4F0-XX-W2A-A1

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°	4.9	3.4	2.0	0.5
92.5°	15.0	14.1	13.1	12.1
95°	32.3	31.0	29.8	28.6
97.5°	51.1	50.0	48.9	47.8
100°	72.7	71.8	70.8	69.8
102.5°	95.0	94.3	93.5	92.8
105°	119.2	118.9	118.5	118.1
107.5°	144.9	144.4	143.9	143.4
110°	169.8	169.1	168.3	167.6

TEST NUMBER: P1000174

CATALOG NUMBER: SA2XXRDIP-B865D530UB50-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
112.5°	196.1	195.4	194.6	193.9
115°	222.0	221.3	220.5	219.8
117.5°	248.5	247.6	246.6	245.6
120°	274.3	273.4	272.4	271.4
122.5°	298.7	297.4	296.2	295.0
125°	323.0	321.9	320.8	319.7
127.5°	348.0	346.6	345.3	343.9
130°	371.2	369.6	368.0	366.4
132.5°	395.4	394.1	392.9	391.7
135°	417.7	416.4	415.0	413.7
137.5°	441.2	440.1	439.0	437.9
140°	462.6	461.5	460.4	459.3
142.5°	484.6	483.5	482.4	481.3
145°	504.7	503.8	503.0	502.1
147.5°	524.1	523.0	521.9	520.8
150°	542.2	541.5	540.8	540.1
152.5°	559.3	558.6	557.8	557.1
155°	575.2	574.9	574.5	574.1
157.5°	589.6	589.4	589.1	588.9
160°	602.8	602.6	602.3	602.1
162.5°	614.2	614.2	614.2	614.2
165°	624.3	624.4	624.6	624.7
167.5°	632.9	633.2	633.6	634.0
170°	640.0	640.4	640.7	641.1
172.5°	645.0	645.3	645.7	646.1
175°	648.8	649.2	649.5	649.9
177.5°	651.0	651.4	651.7	652.1
180°	651.0	651.0	651.0	651.0

(END OF REPORT)