

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: P1000163

Luminaire Tested: SA2XXRDIP-B865D530UB35-4F0-XX-W2A-A4

Issue Date: 5/7/2025

Test Information

Test Method: LM-79-2019
Report Number: P1000163
REPORT IS A COMBINATION OF REPORTS P988723 AND P1007351
Test Lab: INNOVATION CENTER
Issue Date: 5/7/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: NEO-RAY
Catalog Number: SA2XXRDIP-B865D530UB35-4F0-XX-W2A-A4
Description: Define 2 Regressed Direct/Indirect Pendant with 3500K BioUP LEDs {m-DER=0.721}
{m-EER=0.792}
Light Source: -
Ballast/Driver: -

Summary

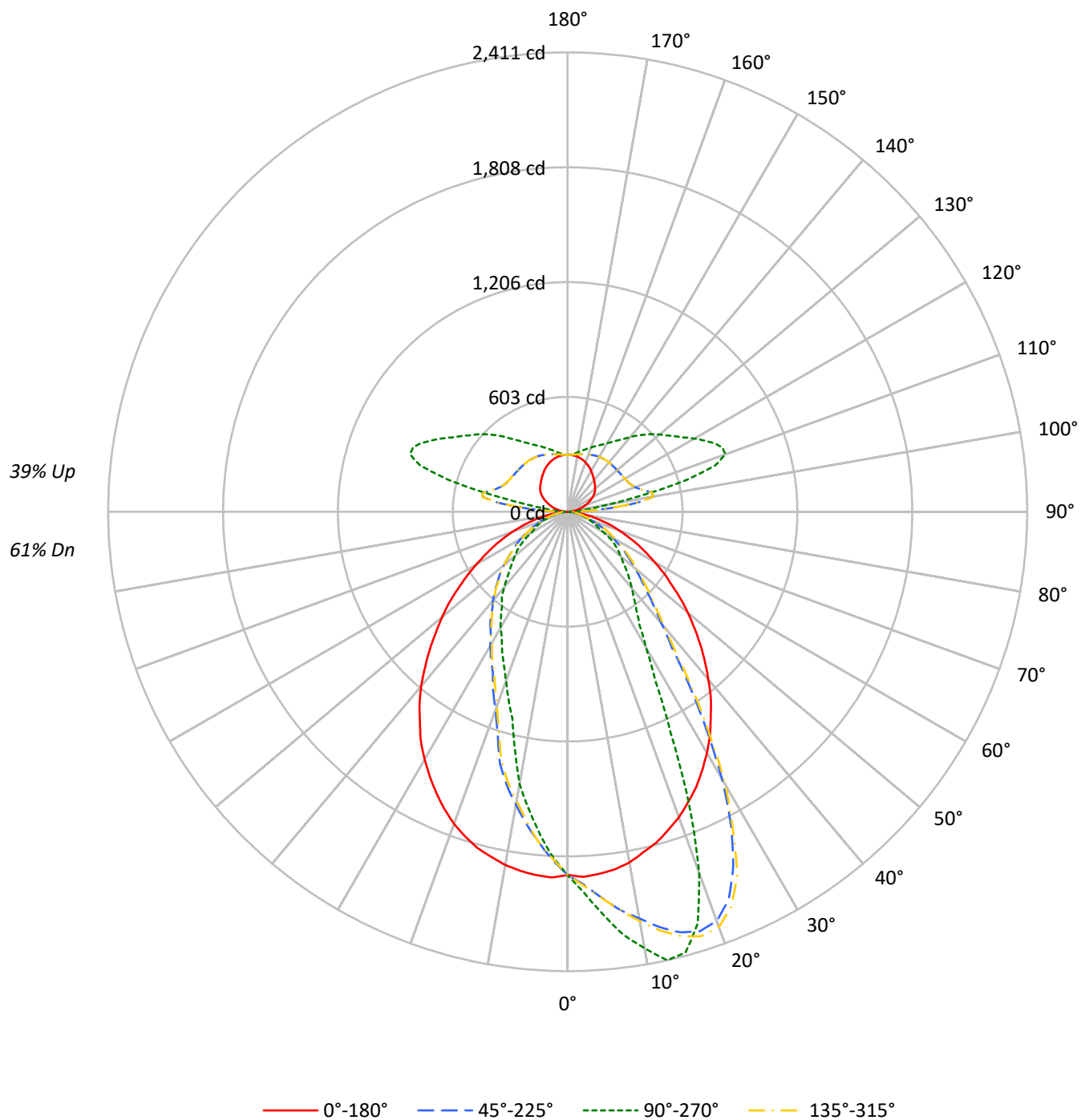
Lumens per Lamp: N/A
Luminaire Lumens: 5374.0 lumens
Efficiency: N/A
Efficacy: 86.4 lumens/watt
Spacing Criteria (0/90/45): 1.16 / 0.85 / 1.01
Luminous Opening: Rectangular w/ Sides (W: 0.17' x L: 4' x H: 0.1')
CIE Type: Semi-Direct

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

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	30172	30172	30172	30172
5°	30242	32048	30348	25603
10°	29909	33873	30122	21143
15°	29261	33885	29757	15882
20°	28480	28009	29100	13103
25°	27533	17501	28129	11147
30°	26324	11206	27041	9597
35°	24854	8612	25659	8212
40°	23216	7238	24208	7183
45°	21467	6161	22362	6030
50°	19671	5235	20590	5216
55°	17682	4549	18636	4490
60°	15916	3469	16762	3428
65°	14270	2610	15116	2961
70°	12446	2086	13425	2413
75°	10522	1598	11485	1826
80°	8351	1087	8990	1198
85°	5806	560	6357	593

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 165°

Vertical Angle: 45°

Luminance: 27600 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	180.8	3.4
10°-20°	504.7	9.4
20°-30°	649.5	12.1
30°-40°	616.2	11.5
40°-50°	528.1	9.8
50°-60°	402.2	7.5
60°-70°	253.6	4.7
70°-80°	126.5	2.4
80°-90°	34.4	0.6
90°-100°	116.3	2.2
100°-110°	409.7	7.6
110°-120°	430.2	8.0
120°-130°	354.0	6.6
130°-140°	284.3	5.3
140°-150°	214.8	4.0
150°-160°	151.0	2.8
160°-170°	88.9	1.7
170°-180°	28.9	0.5
0°-30°	1334.9	24.8
0°-40°	1951.1	36.3
0°-60°	2881.3	53.6
0°-90°	3295.9	61.3
90°-120°	956.2	17.8
90°-150°	1809.3	33.7
90°-180°	2078.0	38.7
0°-180°	5374.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1906	1906	1906	1906	1906	
5°	1907	2121	1914	1694	1907	181
15°	1798	2394	1828	1122	1798	506
25°	1595	1277	1629	813	1595	732
35°	1309	629	1351	600	1309	819
45°	983	437	1024	428	983	759
55°	664	303	699	299	664	598
65°	401	158	425	179	401	398
75°	188	84	205	95	188	204
85°	41	24	45	25	41	47
90°	1	19	1	19	1	4
95°	20	65	20	65	20	21
105°	70	647	70	647	70	74
115°	123	851	123	851	123	122
125°	172	690	172	690	172	153
135°	202	572	202	572	202	156
145°	231	457	231	457	231	145
155°	262	384	262	384	262	121
165°	286	337	286	337	286	81
175°	298	304	298	304	298	28
180°	298	298	298	298	298	

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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	1906.1	1906.1	1906.1	1906.1	1906.1	1906.1	1906.1	1906.1	1906.1	1906.1	1906.1
2.5°	1918.0	1926.0	1930.0	1935.3	1947.2	1955.1	1967.0	1969.7	1968.4	1973.7	1959.1
5°	1907.4	1924.7	1940.6	1953.8	1975.0	1988.2	2002.8	2020.0	2024.0	2043.9	2032.0
7.5°	1892.9	1918.0	1940.6	1967.0	1998.8	2016.1	2038.6	2065.1	2077.0	2100.8	2107.5
10°	1869.0	1904.8	1943.2	1971.0	2014.7	2045.2	2066.4	2108.8	2136.6	2172.4	2167.1
12.5°	1830.6	1877.0	1928.6	1975.0	2032.0	2051.8	2091.6	2135.3	2171.0	2204.2	2233.3
15°	1797.5	1850.5	1907.4	1964.4	2029.3	2066.4	2106.1	2163.1	2201.5	2259.8	2285.0
17.5°	1752.5	1820.0	1887.6	1951.1	2028.0	2070.4	2119.4	2175.0	2232.0	2287.6	2307.5
20°	1706.1	1779.0	1851.8	1937.9	2025.3	2066.4	2116.7	2185.6	2241.2	2285.0	2285.0
22.5°	1650.5	1739.2	1822.7	1904.8	2000.2	2059.8	2111.4	2192.2	2232.0	2241.2	2205.5
25°	1594.8	1683.6	1775.0	1877.0	1985.6	2038.6	2096.9	2172.4	2185.6	2148.5	2055.8
27.5°	1528.6	1627.9	1731.3	1841.2	1955.1	2021.4	2074.3	2124.7	2099.5	2000.2	1855.8
30°	1461.0	1568.3	1684.9	1789.5	1927.3	1988.2	2033.3	2047.8	1968.4	1806.8	1620.0
32.5°	1390.8	1495.5	1618.7	1744.5	1883.6	1941.9	1971.0	1932.6	1786.9	1582.9	1355.1
35°	1308.7	1426.6	1555.1	1686.2	1824.0	1867.7	1884.9	1790.9	1604.1	1340.5	1114.0
37.5°	1234.5	1352.4	1490.2	1624.0	1757.8	1781.6	1764.4	1617.3	1380.2	1119.3	898.1
40°	1147.1	1272.9	1408.1	1557.7	1667.7	1674.3	1631.9	1441.2	1147.1	902.1	765.6
42.5°	1066.3	1193.5	1328.6	1480.9	1564.4	1541.8	1484.9	1234.5	957.7	777.5	667.6
45°	982.9	1103.4	1249.1	1384.2	1443.8	1390.8	1304.7	1038.5	804.0	668.9	584.2
47.5°	902.1	1014.7	1159.0	1288.8	1299.4	1239.8	1137.8	870.3	696.7	588.1	519.2
50°	822.6	935.2	1070.3	1177.6	1167.0	1084.9	969.6	756.4	605.3	519.2	462.3
52.5°	743.1	845.1	976.2	1061.0	1016.0	936.5	822.6	641.1	528.5	453.0	409.3
55°	663.6	759.0	871.6	941.8	870.3	778.9	698.1	549.7	458.3	397.4	364.3
57.5°	597.4	672.9	776.2	818.6	732.5	661.0	590.8	472.9	397.4	353.7	315.3
60°	524.5	593.4	678.2	703.4	614.6	556.3	496.7	400.0	340.4	302.0	276.8
62.5°	462.3	519.2	584.2	584.2	506.0	462.3	417.3	335.1	286.1	255.6	243.7
65°	401.4	442.4	488.8	483.5	417.3	378.8	343.1	276.8	239.8	218.6	206.6
67.5°	341.7	373.5	404.0	385.5	337.8	304.7	271.5	223.9	198.7	184.1	168.2
70°	287.4	312.6	328.5	311.3	263.6	235.8	211.9	180.1	160.3	141.7	132.5
72.5°	241.1	251.7	257.0	235.8	196.0	180.1	162.9	140.4	123.2	113.9	111.3
75°	188.1	197.4	193.4	177.5	144.4	132.5	119.2	103.3	99.3	94.0	91.4
77.5°	147.0	147.0	140.4	125.8	103.3	94.0	88.7	80.8	76.8	75.5	72.9
80°	104.6	103.3	99.3	83.5	70.2	64.9	64.9	59.6	58.3	55.6	55.6
82.5°	68.9	68.9	63.6	50.3	46.4	45.0	43.7	41.1	41.1	39.7	39.7
85°	41.1	38.4	31.8	27.8	26.5	26.5	25.2	23.8	25.2	23.8	23.8
87.5°	18.5	14.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6
90°	0.6	2.3	4.6	5.7	6.9	7.8	8.6	11.5	15.5	18.9	19.5
92.5°	8.6	12.1	16.6	19.5	24.1	27.2	30.4	45.9	67.7	87.2	88.4
95°	20.1	22.4	28.1	33.3	42.5	49.4	56.2	82.6	132.6	199.1	224.9
97.5°	29.8	33.3	39.6	47.1	57.4	65.2	72.9	106.7	176.2	283.5	366.7
100°	44.2	45.9	51.1	60.3	71.7	79.8	87.8	118.2	188.2	312.2	453.3
102.5°	57.4	58.5	63.7	72.9	84.9	93.0	101.0	128.5	188.8	301.3	456.2
105°	70.0	72.3	76.3	84.9	97.6	105.6	113.6	140.6	191.7	286.4	425.2
107.5°	83.8	85.5	89.5	97.6	110.2	118.2	126.2	152.6	198.0	278.3	396.5
110°	97.6	99.9	103.3	110.8	122.8	131.1	139.4	164.7	206.0	276.0	377.0



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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	110.2	112.5	116.5	123.4	134.9	143.5	152.1	176.2	214.6	276.6	364.4
115°	123.4	126.2	129.7	136.6	148.1	155.8	163.5	188.2	223.2	278.9	355.8
117.5°	137.2	139.4	142.9	149.2	160.1	168.1	176.2	199.1	232.4	282.3	351.2
120°	149.8	152.1	155.5	160.7	172.2	180.2	188.2	210.6	241.6	285.8	347.2
122.5°	161.8	163.5	167.0	172.7	184.2	192.5	200.8	221.5	249.6	289.8	344.9
125°	172.2	173.9	177.3	184.2	195.7	203.8	211.8	232.4	258.2	293.8	342.0
127.5°	180.8	183.1	187.6	195.1	206.0	214.4	222.7	242.7	266.3	297.8	340.3
130°	188.2	190.5	196.3	204.3	215.8	223.8	231.8	251.9	273.7	302.4	339.1
132.5°	195.1	198.0	204.3	212.9	224.9	233.0	241.0	260.0	281.2	307.0	338.6
135°	202.0	204.3	211.2	219.8	233.0	241.0	249.1	267.4	287.5	310.5	338.0
137.5°	208.3	211.2	218.1	227.2	240.4	247.9	255.4	273.7	292.7	313.9	338.0
140°	215.8	218.1	224.9	234.1	246.8	254.2	261.7	278.9	296.7	316.2	337.4
142.5°	223.2	224.9	231.3	240.4	252.5	259.4	266.3	282.9	300.1	317.9	337.4
145°	230.7	233.0	238.7	247.3	258.8	265.1	271.4	286.9	303.0	319.1	336.3
147.5°	238.7	240.4	246.2	254.2	264.0	269.7	275.4	290.4	304.7	319.6	334.6
150°	246.8	248.5	253.1	260.5	269.1	274.3	279.5	292.7	305.9	319.1	332.8
152.5°	254.8	255.4	260.0	266.3	274.3	278.9	283.5	295.0	306.4	317.9	330.0
155°	262.2	262.8	266.3	272.6	278.9	283.2	287.5	297.3	307.0	316.8	326.5
157.5°	268.6	269.1	272.0	277.7	282.9	286.6	290.4	299.0	307.0	314.5	323.1
160°	274.9	275.4	277.7	282.3	286.9	290.0	293.2	300.1	307.0	312.7	319.6
162.5°	281.2	280.6	282.9	286.4	290.4	292.7	295.0	300.7	306.4	311.0	316.8
165°	285.8	285.2	286.4	289.8	292.7	294.4	296.1	301.3	305.3	308.7	312.7
167.5°	289.8	289.2	290.4	292.7	295.0	296.2	297.3	301.3	304.7	306.4	309.3
170°	293.8	292.7	293.2	295.0	296.1	297.0	297.8	300.7	303.6	304.7	306.4
172.5°	296.1	295.5	295.0	296.7	297.3	297.8	298.4	300.1	301.8	302.4	303.0
175°	297.8	297.3	296.7	297.8	297.8	298.1	298.4	299.6	300.7	300.1	300.7
177.5°	299.0	297.8	297.3	298.4	298.4	298.4	298.4	299.0	300.1	299.0	298.4
180°	298.4	298.4	298.4	298.4	298.4	298.4	298.4	298.4	298.4	298.4	298.4

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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	1906.1	1906.1	1906.1	1906.1	1906.1	1906.1	1906.1	1906.1	1906.1	1906.1	1906.1
2.5°	1973.7	1976.3	1980.3	1998.8	2001.5	2006.8	2004.1	2004.1	2005.5	2002.8	2004.1
5°	2058.4	2062.4	2082.3	2104.8	2110.1	2104.8	2111.4	2120.7	2120.7	2120.7	2118.1
7.5°	2137.9	2152.5	2175.0	2208.1	2214.7	2221.4	2233.3	2225.3	2228.0	2239.9	2235.9
10°	2214.7	2235.9	2261.1	2288.9	2303.5	2312.8	2318.1	2330.0	2357.8	2326.0	2337.9
12.5°	2287.6	2318.1	2344.6	2375.0	2385.6	2397.5	2401.5	2412.1	2412.1	2410.8	2420.1
15°	2335.3	2363.1	2386.9	2406.8	2409.5	2406.8	2404.2	2405.5	2409.5	2393.6	2402.8
17.5°	2345.9	2348.5	2356.5	2348.5	2349.9	2322.0	2306.1	2302.2	2265.1	2266.4	2296.9
20°	2294.2	2249.2	2237.3	2193.6	2167.1	2095.5	2092.9	2073.0	1994.9	2018.7	2013.4
22.5°	2152.5	2075.7	1973.7	1923.3	1898.2	1822.7	1764.4	1723.3	1695.5	1667.7	1655.8
25°	1965.7	1841.2	1696.8	1597.5	1582.9	1512.7	1405.4	1355.1	1295.5	1276.9	1308.7
27.5°	1724.6	1563.0	1400.1	1247.8	1220.0	1156.4	1102.1	1066.3	997.4	993.5	996.1
30°	1397.5	1234.5	1098.1	998.8	929.9	900.7	865.0	838.5	810.7	821.3	823.9
32.5°	1148.4	993.5	866.3	813.3	781.5	763.0	732.5	715.3	703.4	699.4	698.1
35°	912.7	809.3	752.4	700.7	682.2	668.9	646.4	638.5	627.9	629.2	629.2
37.5°	781.5	695.4	653.0	626.5	609.3	602.7	588.1	580.2	573.6	570.9	574.9
40°	674.2	614.6	588.1	564.3	549.7	547.1	539.1	529.8	521.9	523.2	527.2
42.5°	596.1	561.6	529.8	511.3	500.7	496.7	490.1	483.5	483.5	479.5	478.2
45°	533.8	506.0	479.5	462.3	455.7	450.4	442.4	441.1	435.8	437.1	438.4
47.5°	478.2	455.7	435.8	418.6	412.0	410.6	402.7	397.4	397.4	396.1	394.7
50°	427.8	405.3	388.1	378.8	369.6	366.9	365.6	364.3	361.6	361.6	362.9
52.5°	386.8	364.3	351.0	343.1	337.8	335.1	335.1	333.8	333.8	333.8	332.5
55°	341.7	323.2	312.6	310.0	307.3	306.0	304.7	302.0	300.7	303.3	300.7
57.5°	299.4	292.7	283.5	280.8	274.2	274.2	270.2	267.6	264.9	267.6	267.6
60°	266.2	257.0	251.7	243.7	238.4	233.1	226.5	225.2	222.5	221.2	219.9
62.5°	231.8	223.9	210.6	198.7	190.7	185.4	182.8	181.5	181.5	180.1	180.1
65°	193.4	174.8	168.2	164.3	162.9	161.6	159.0	157.6	159.0	157.6	159.0
67.5°	151.0	148.4	144.4	141.7	140.4	139.1	139.1	137.8	137.8	137.8	137.8
70°	131.1	124.5	123.2	120.5	120.5	119.2	119.2	119.2	119.2	117.9	120.5
72.5°	108.6	104.6	103.3	102.0	102.0	102.0	100.7	100.7	100.7	99.3	100.7
75°	88.7	87.4	84.8	84.8	83.5	84.8	83.5	83.5	82.1	83.5	83.5
77.5°	71.5	70.2	68.9	68.9	67.6	67.6	67.6	67.6	67.6	67.6	68.9
80°	54.3	53.0	51.7	53.0	51.7	53.0	51.7	51.7	53.0	51.7	51.7
82.5°	39.7	38.4	38.4	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1
85°	23.8	22.5	22.5	23.8	22.5	23.8	22.5	22.5	22.5	23.8	23.8
87.5°	10.6	11.9	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	11.9
90°	18.9	18.4	17.2	18.4	18.6	18.9	18.9	18.9	18.9	18.9	18.9
92.5°	74.0	58.0	49.4	43.0	40.7	38.4	37.9	35.6	36.2	35.0	36.2
95°	196.8	150.3	115.3	91.2	84.9	78.6	71.2	66.6	64.8	65.4	64.8
97.5°	369.6	307.6	245.6	187.6	170.4	153.2	130.8	119.4	113.0	109.6	113.0
100°	536.0	523.9	452.8	374.2	339.4	304.7	257.1	232.4	215.8	205.4	215.8
102.5°	598.0	665.7	663.4	611.2	573.9	536.6	483.8	437.3	415.5	400.5	415.5
105°	577.9	697.2	762.1	769.5	760.0	750.6	715.0	679.4	654.8	646.7	654.8
107.5°	535.4	663.4	759.8	816.0	827.5	839.0	838.4	833.2	825.8	812.6	825.8
110°	495.8	616.9	719.6	793.1	816.6	840.1	864.8	875.7	880.9	880.3	880.9

TEST NUMBER: P1000163

CATALOG NUMBER: SA2XXRDIP-B865D530UB35-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	468.3	574.4	672.0	751.7	779.6	807.4	844.1	864.2	875.1	879.1	875.1
115°	446.5	541.1	629.5	704.7	734.2	763.8	804.5	830.9	845.9	851.0	845.9
117.5°	431.5	513.6	592.8	662.8	690.9	719.0	760.9	789.0	804.5	808.6	804.5
120°	420.1	494.1	565.2	626.1	652.2	678.3	718.5	745.4	762.1	767.8	762.1
122.5°	410.3	478.6	542.3	599.1	622.0	645.0	680.0	706.4	720.8	725.3	720.8
125°	401.1	463.7	522.8	573.3	594.8	616.3	649.6	671.4	685.8	690.3	685.8
127.5°	392.5	448.8	503.3	551.5	571.6	591.6	620.9	641.6	654.2	657.6	654.2
130°	383.9	434.4	483.8	529.1	548.0	567.0	595.1	614.6	626.1	630.7	626.1
132.5°	377.0	420.6	465.4	506.1	523.6	541.1	568.7	588.2	598.5	602.5	598.5
135°	370.7	408.0	445.9	483.8	499.8	515.9	540.6	559.5	569.8	572.1	569.8
137.5°	366.1	397.7	430.4	461.4	475.8	490.1	513.6	530.2	539.4	542.9	539.4
140°	362.1	387.9	415.5	441.9	454.5	467.1	485.5	500.4	509.0	512.4	509.0
142.5°	358.1	379.9	402.3	424.1	434.2	444.2	461.4	474.6	482.0	482.0	482.0
145°	354.6	372.4	391.4	409.2	417.5	425.8	439.6	449.3	455.1	456.8	455.1
147.5°	351.2	366.7	382.2	396.5	402.8	409.2	421.2	429.2	433.3	434.4	433.3
150°	346.6	360.4	373.0	385.1	390.2	395.4	404.0	410.9	414.3	414.9	414.3
152.5°	342.6	354.1	365.5	375.3	379.6	383.9	390.2	396.0	398.3	398.3	398.3
155°	337.4	348.3	357.5	366.1	369.2	372.4	378.7	382.8	385.1	383.9	385.1
157.5°	332.8	341.4	349.5	356.9	359.5	362.1	366.7	370.1	371.3	371.3	371.3
160°	327.7	335.1	341.4	347.8	349.8	351.8	355.8	358.7	359.2	359.2	359.2
162.5°	323.1	328.8	334.0	339.1	340.6	342.0	346.0	347.8	348.3	347.8	348.3
165°	317.9	322.5	326.5	330.5	331.6	332.8	335.1	337.4	337.4	336.9	337.4
167.5°	312.7	316.2	319.6	322.5	323.6	324.8	325.9	327.1	327.1	326.5	327.1
170°	308.7	311.6	313.3	315.6	316.2	316.8	317.3	319.1	318.5	317.3	318.5
172.5°	304.7	306.4	307.6	309.3	309.6	309.9	310.5	311.0	310.5	309.9	310.5
175°	301.3	303.0	303.6	304.1	304.4	304.7	304.7	305.3	304.7	303.6	304.7
177.5°	299.0	300.1	300.1	300.7	300.7	300.7	300.7	300.7	300.1	299.0	300.1
180°	298.4	298.4	298.4	298.4	298.4	298.4	298.4	298.4	298.4	298.4	298.4

TEST NUMBER: P1000163

CATALOG NUMBER: SA2XXRDIP-B865D530UB35-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	1906.1	1906.1	1906.1	1906.1	1906.1	1906.1	1906.1	1906.1	1906.1	1906.1	1906.1
2.5°	2009.4	2000.2	1997.5	2000.2	1997.5	1998.8	1989.6	1955.1	1964.4	1949.8	1957.8
5°	2123.3	2115.4	2098.2	2095.5	2092.9	2090.2	2077.0	2046.5	2034.6	2014.7	2013.4
7.5°	2232.0	2232.0	2218.7	2209.4	2197.5	2188.3	2171.0	2126.0	2107.5	2083.6	2070.4
10°	2339.3	2304.8	2319.4	2310.1	2281.0	2275.7	2243.9	2217.4	2181.6	2157.8	2136.6
12.5°	2416.1	2405.5	2392.2	2384.3	2376.3	2359.1	2337.9	2270.4	2251.8	2204.2	2180.3
15°	2413.4	2406.8	2410.8	2410.8	2408.1	2404.2	2386.9	2337.9	2306.1	2259.8	2218.7
17.5°	2283.6	2300.8	2318.1	2330.0	2356.5	2368.4	2384.3	2355.2	2335.3	2295.5	2251.8
20°	2057.1	2099.5	2149.8	2160.4	2184.3	2254.5	2286.3	2311.4	2319.4	2306.1	2270.4
22.5°	1741.9	1777.6	1899.5	1896.8	1931.3	2014.7	2107.5	2183.0	2242.6	2275.7	2262.4
25°	1364.3	1414.7	1479.6	1528.6	1641.2	1765.7	1880.9	2001.5	2104.8	2196.2	2218.7
27.5°	1031.9	1098.1	1149.8	1214.7	1271.6	1418.7	1567.0	1755.1	1875.6	2049.2	2139.2
30°	834.5	865.0	916.6	947.1	974.9	1087.5	1255.7	1441.2	1653.1	1853.1	2008.1
32.5°	712.6	733.8	772.2	785.5	814.6	890.1	996.1	1165.7	1384.2	1626.6	1830.6
35°	639.8	662.3	670.3	682.2	706.0	753.7	826.6	949.7	1147.1	1384.2	1627.9
37.5°	577.5	589.5	612.0	619.9	627.9	663.6	712.6	798.7	929.9	1124.6	1394.8
40°	533.8	540.4	552.4	559.0	564.3	589.5	633.2	691.4	788.1	936.5	1185.5
42.5°	487.5	495.4	503.4	511.3	517.9	537.8	564.3	619.9	684.8	797.4	977.6
45°	442.4	447.7	457.0	462.3	471.6	487.5	511.3	549.7	608.0	679.5	825.2
47.5°	401.4	408.0	412.0	418.6	425.2	442.4	464.9	490.1	537.8	608.0	714.0
50°	364.3	372.2	377.5	378.8	384.1	400.0	418.6	446.4	476.9	531.2	623.9
52.5°	337.8	339.1	343.1	348.4	347.0	356.3	373.5	394.7	426.5	470.2	537.8
55°	307.3	311.3	313.9	315.3	315.3	323.2	332.5	352.3	377.5	413.3	470.2
57.5°	268.9	272.9	280.8	283.5	287.4	291.4	295.4	308.6	329.8	364.3	410.6
60°	229.2	231.8	239.8	245.1	247.7	258.3	263.6	274.2	286.1	311.3	355.0
62.5°	184.1	186.8	190.7	196.0	201.3	217.2	230.5	241.1	250.4	267.6	303.3
65°	160.3	161.6	164.3	165.6	166.9	173.5	185.4	200.0	217.2	230.5	251.7
67.5°	139.1	140.4	141.7	144.4	145.7	147.0	152.3	156.3	173.5	192.1	208.0
70°	119.2	121.9	123.2	123.2	124.5	127.2	129.8	135.1	140.4	149.7	169.6
72.5°	100.7	102.0	104.6	104.6	104.6	107.3	109.9	112.6	115.2	120.5	128.5
75°	83.5	86.1	86.1	86.1	87.4	87.4	90.1	92.7	95.4	99.3	102.0
77.5°	68.9	68.9	68.9	68.9	70.2	70.2	71.5	74.2	75.5	76.8	79.5
80°	51.7	53.0	53.0	53.0	54.3	54.3	54.3	57.0	58.3	58.3	60.9
82.5°	38.4	38.4	38.4	39.7	38.4	39.7	39.7	41.1	39.7	41.1	42.4
85°	23.8	23.8	23.8	25.2	25.2	25.2	25.2	25.2	25.2	25.2	26.5
87.5°	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	13.2	11.9	11.9
90°	18.9	18.9	18.9	18.6	18.4	17.2	18.4	18.9	19.5	18.9	15.5
92.5°	35.6	37.9	38.4	40.7	43.0	49.4	58.0	74.0	88.4	87.2	67.7
95°	66.6	71.2	78.6	84.9	91.2	115.3	150.3	196.8	224.9	199.1	132.6
97.5°	119.4	130.8	153.2	170.4	187.6	245.6	307.6	369.6	366.7	283.5	176.2
100°	232.4	257.1	304.7	339.4	374.2	452.8	523.9	536.0	453.3	312.2	188.2
102.5°	437.3	483.8	536.6	573.9	611.2	663.4	665.7	598.0	456.2	301.3	188.8
105°	679.4	715.0	750.6	760.0	769.5	762.1	697.2	577.9	425.2	286.4	191.7
107.5°	833.2	838.4	839.0	827.5	816.0	759.8	663.4	535.4	396.5	278.3	198.0
110°	875.7	864.8	840.1	816.6	793.1	719.6	616.9	495.8	377.0	276.0	206.0

TEST NUMBER: P1000163

CATALOG NUMBER: SA2XXRDIP-B865D530UB35-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	864.2	844.1	807.4	779.6	751.7	672.0	574.4	468.3	364.4	276.6	214.6
115°	830.9	804.5	763.8	734.2	704.7	629.5	541.1	446.5	355.8	278.9	223.2
117.5°	789.0	760.9	719.0	690.9	662.8	592.8	513.6	431.5	351.2	282.3	232.4
120°	745.4	718.5	678.3	652.2	626.1	565.2	494.1	420.1	347.2	285.8	241.6
122.5°	706.4	680.0	645.0	622.0	599.1	542.3	478.6	410.3	344.9	289.8	249.6
125°	671.4	649.6	616.3	594.8	573.3	522.8	463.7	401.1	342.0	293.8	258.2
127.5°	641.6	620.9	591.6	571.6	551.5	503.3	448.8	392.5	340.3	297.8	266.3
130°	614.6	595.1	567.0	548.0	529.1	483.8	434.4	383.9	339.1	302.4	273.7
132.5°	588.2	568.7	541.1	523.6	506.1	465.4	420.6	377.0	338.6	307.0	281.2
135°	559.5	540.6	515.9	499.8	483.8	445.9	408.0	370.7	338.0	310.5	287.5
137.5°	530.2	513.6	490.1	475.8	461.4	430.4	397.7	366.1	338.0	313.9	292.7
140°	500.4	485.5	467.1	454.5	441.9	415.5	387.9	362.1	337.4	316.2	296.7
142.5°	474.6	461.4	444.2	434.2	424.1	402.3	379.9	358.1	337.4	317.9	300.1
145°	449.3	439.6	425.8	417.5	409.2	391.4	372.4	354.6	336.3	319.1	303.0
147.5°	429.2	421.2	409.2	402.8	396.5	382.2	366.7	351.2	334.6	319.6	304.7
150°	410.9	404.0	395.4	390.2	385.1	373.0	360.4	346.6	332.8	319.1	305.9
152.5°	396.0	390.2	383.9	379.6	375.3	365.5	354.1	342.6	330.0	317.9	306.4
155°	382.8	378.7	372.4	369.2	366.1	357.5	348.3	337.4	326.5	316.8	307.0
157.5°	370.1	366.7	362.1	359.5	356.9	349.5	341.4	332.8	323.1	314.5	307.0
160°	358.7	355.8	351.8	349.8	347.8	341.4	335.1	327.7	319.6	312.7	307.0
162.5°	347.8	346.0	342.0	340.6	339.1	334.0	328.8	323.1	316.8	311.0	306.4
165°	337.4	335.1	332.8	331.6	330.5	326.5	322.5	317.9	312.7	308.7	305.3
167.5°	327.1	325.9	324.8	323.6	322.5	319.6	316.2	312.7	309.3	306.4	304.7
170°	319.1	317.3	316.8	316.2	315.6	313.3	311.6	308.7	306.4	304.7	303.6
172.5°	311.0	310.5	309.9	309.6	309.3	307.6	306.4	304.7	303.0	302.4	301.8
175°	305.3	304.7	304.7	304.4	304.1	303.6	303.0	301.3	300.7	300.1	300.7
177.5°	300.7	300.7	300.7	300.7	300.7	300.1	300.1	299.0	298.4	299.0	300.1
180°	298.4	298.4	298.4	298.4	298.4	298.4	298.4	298.4	298.4	298.4	298.4

TEST NUMBER: P1000163

CATALOG NUMBER: SA2XXRDIP-B865D530UB35-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
0°	1906.1	1906.1	1906.1	1906.1	1906.1	1906.1	1906.1	1906.1	1906.1	1906.1	1906.1
2.5°	1945.9	1939.2	1939.2	1935.3	1935.3	1914.1	1914.1	1920.7	1912.7	1903.5	1890.2
5°	1996.2	1981.6	1977.6	1972.3	1955.1	1928.6	1918.0	1914.1	1898.2	1878.3	1855.8
7.5°	2043.9	2020.0	2008.1	1996.2	1973.7	1936.6	1915.4	1900.8	1877.0	1846.5	1817.4
10°	2090.2	2059.8	2029.3	2014.7	1982.9	1936.6	1906.1	1882.3	1847.8	1806.8	1765.7
12.5°	2132.6	2069.0	2063.7	2034.6	1988.2	1935.3	1888.9	1854.5	1810.7	1763.1	1715.4
15°	2169.7	2104.8	2073.0	2046.5	1985.6	1919.4	1870.3	1828.0	1769.7	1715.4	1657.1
17.5°	2188.3	2118.1	2096.9	2053.1	1990.9	1904.8	1838.6	1786.9	1723.3	1658.4	1592.2
20°	2206.8	2124.7	2090.2	2059.8	1975.0	1877.0	1802.8	1743.2	1673.0	1596.2	1523.3
22.5°	2216.1	2124.7	2083.6	2041.2	1959.1	1846.5	1759.1	1688.9	1606.8	1528.6	1441.2
25°	2200.2	2116.7	2067.7	2024.0	1931.3	1809.4	1708.7	1629.3	1541.8	1453.1	1364.3
27.5°	2160.4	2098.2	2041.2	1996.2	1892.9	1761.7	1655.8	1565.7	1475.6	1376.3	1286.2
30°	2086.3	2058.4	2013.4	1963.1	1850.5	1719.3	1593.5	1500.8	1401.4	1302.1	1208.0
32.5°	1971.0	1994.9	1965.7	1922.0	1800.1	1661.1	1527.3	1433.2	1324.6	1217.3	1131.2
35°	1830.6	1915.4	1899.5	1869.0	1747.2	1598.8	1465.0	1351.1	1242.5	1133.9	1047.8
37.5°	1677.0	1805.4	1818.7	1800.1	1686.2	1535.2	1388.2	1276.9	1165.7	1055.7	968.3
40°	1466.3	1663.7	1706.1	1714.0	1622.6	1458.4	1304.7	1196.1	1086.2	978.9	872.9
42.5°	1272.9	1522.0	1575.0	1608.1	1541.8	1382.9	1227.9	1107.4	998.8	902.1	796.1
45°	1091.5	1351.1	1437.2	1479.6	1450.4	1296.8	1136.5	1023.9	924.6	835.8	733.8
47.5°	904.7	1165.7	1286.2	1353.8	1353.8	1209.4	1049.1	937.8	842.5	766.9	676.9
50°	780.2	997.4	1121.9	1210.7	1234.5	1120.6	969.6	861.0	770.9	688.8	619.9
52.5°	665.0	859.7	963.0	1055.7	1124.6	1025.2	880.9	782.8	694.1	617.3	563.0
55°	574.9	720.6	814.6	916.6	993.5	928.6	794.8	699.4	622.6	559.0	512.6
57.5°	488.8	615.9	692.8	782.8	865.0	816.0	708.7	626.5	559.0	503.4	462.3
60°	415.9	519.2	578.9	649.1	751.1	716.6	627.9	552.4	498.1	447.7	413.3
62.5°	353.7	435.8	486.1	536.5	629.2	613.3	544.4	486.1	439.8	397.4	368.2
65°	290.1	357.6	397.4	441.1	515.3	521.9	466.3	425.2	382.8	345.7	319.2
67.5°	234.5	287.4	323.2	360.3	419.9	438.4	400.0	365.6	329.8	299.4	275.5
70°	189.4	226.5	253.0	282.1	331.2	353.7	333.8	310.0	280.8	255.6	234.5
72.5°	149.7	173.5	189.4	211.9	251.7	274.2	272.9	251.7	230.5	213.3	196.0
75°	109.9	128.5	141.7	156.3	188.1	209.3	214.6	205.3	184.1	170.9	157.6
77.5°	83.5	94.0	100.7	111.3	133.8	152.3	160.3	157.6	143.1	132.5	123.2
80°	63.6	66.2	68.9	72.9	91.4	108.6	113.9	112.6	104.6	100.7	90.1
82.5°	45.0	46.4	47.7	49.0	55.6	70.2	75.5	78.2	71.5	67.6	58.3
85°	26.5	27.8	27.8	30.5	31.8	35.8	45.0	45.0	43.7	38.4	37.1
87.5°	13.2	13.2	11.9	11.9	13.2	14.6	17.2	19.9	17.2	15.9	14.6
90°	11.5	8.6	7.8	6.9	5.7	4.6	2.3	0.6	2.3	4.6	5.7
92.5°	45.9	30.4	27.2	24.1	19.5	16.6	12.1	8.6	12.1	16.6	19.5
95°	82.6	56.2	49.4	42.5	33.3	28.1	22.4	20.1	22.4	28.1	33.3
97.5°	106.7	72.9	65.2	57.4	47.1	39.6	33.3	29.8	33.3	39.6	47.1
100°	118.2	87.8	79.8	71.7	60.3	51.1	45.9	44.2	45.9	51.1	60.3
102.5°	128.5	101.0	93.0	84.9	72.9	63.7	58.5	57.4	58.5	63.7	72.9
105°	140.6	113.6	105.6	97.6	84.9	76.3	72.3	70.0	72.3	76.3	84.9
107.5°	152.6	126.2	118.2	110.2	97.6	89.5	85.5	83.8	85.5	89.5	97.6
110°	164.7	139.4	131.1	122.8	110.8	103.3	99.9	97.6	99.9	103.3	110.8

TEST NUMBER: P1000163

CATALOG NUMBER: SA2XXRDIP-B865D530UB35-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
112.5°	176.2	152.1	143.5	134.9	123.4	116.5	112.5	110.2	112.5	116.5	123.4
115°	188.2	163.5	155.8	148.1	136.6	129.7	126.2	123.4	126.2	129.7	136.6
117.5°	199.1	176.2	168.1	160.1	149.2	142.9	139.4	137.2	139.4	142.9	149.2
120°	210.6	188.2	180.2	172.2	160.7	155.5	152.1	149.8	152.1	155.5	160.7
122.5°	221.5	200.8	192.5	184.2	172.7	167.0	163.5	161.8	163.5	167.0	172.7
125°	232.4	211.8	203.8	195.7	184.2	177.3	173.9	172.2	173.9	177.3	184.2
127.5°	242.7	222.7	214.4	206.0	195.1	187.6	183.1	180.8	183.1	187.6	195.1
130°	251.9	231.8	223.8	215.8	204.3	196.3	190.5	188.2	190.5	196.3	204.3
132.5°	260.0	241.0	233.0	224.9	212.9	204.3	198.0	195.1	198.0	204.3	212.9
135°	267.4	249.1	241.0	233.0	219.8	211.2	204.3	202.0	204.3	211.2	219.8
137.5°	273.7	255.4	247.9	240.4	227.2	218.1	211.2	208.3	211.2	218.1	227.2
140°	278.9	261.7	254.2	246.8	234.1	224.9	218.1	215.8	218.1	224.9	234.1
142.5°	282.9	266.3	259.4	252.5	240.4	231.3	224.9	223.2	224.9	231.3	240.4
145°	286.9	271.4	265.1	258.8	247.3	238.7	233.0	230.7	233.0	238.7	247.3
147.5°	290.4	275.4	269.7	264.0	254.2	246.2	240.4	238.7	240.4	246.2	254.2
150°	292.7	279.5	274.3	269.1	260.5	253.1	248.5	246.8	248.5	253.1	260.5
152.5°	295.0	283.5	278.9	274.3	266.3	260.0	255.4	254.8	255.4	260.0	266.3
155°	297.3	287.5	283.2	278.9	272.6	266.3	262.8	262.2	262.8	266.3	272.6
157.5°	299.0	290.4	286.6	282.9	277.7	272.0	269.1	268.6	269.1	272.0	277.7
160°	300.1	293.2	290.0	286.9	282.3	277.7	275.4	274.9	275.4	277.7	282.3
162.5°	300.7	295.0	292.7	290.4	286.4	282.9	280.6	281.2	280.6	282.9	286.4
165°	301.3	296.1	294.4	292.7	289.8	286.4	285.2	285.8	285.2	286.4	289.8
167.5°	301.3	297.3	296.2	295.0	292.7	290.4	289.2	289.8	289.2	290.4	292.7
170°	300.7	297.8	297.0	296.1	295.0	293.2	292.7	293.8	292.7	293.2	295.0
172.5°	300.1	298.4	297.8	297.3	296.7	295.0	295.5	296.1	295.5	295.0	296.7
175°	299.6	298.4	298.1	297.8	297.8	296.7	297.3	297.8	297.3	296.7	297.8
177.5°	299.0	298.4	298.4	298.4	298.4	297.3	297.8	299.0	297.8	297.3	298.4
180°	298.4	298.4	298.4	298.4	298.4	298.4	298.4	298.4	298.4	298.4	298.4

TEST NUMBER: P1000163

CATALOG NUMBER: SA2XXRDIP-B865D530UB35-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
0°	1906.1	1906.1	1906.1	1906.1	1906.1	1906.1	1906.1	1906.1	1906.1	1906.1	1906.1
2.5°	1884.9	1886.2	1890.2	1878.3	1859.8	1851.8	1828.0	1824.0	1820.0	1820.0	1824.0
5°	1842.5	1837.2	1838.6	1816.0	1789.5	1773.7	1740.5	1745.8	1728.6	1718.0	1720.7
7.5°	1796.2	1781.6	1780.3	1751.1	1718.0	1688.9	1654.4	1646.5	1630.6	1612.0	1604.1
10°	1737.9	1727.3	1707.4	1674.3	1631.9	1608.1	1561.7	1533.9	1529.9	1502.1	1491.5
12.5°	1678.3	1659.7	1639.9	1593.5	1545.8	1507.4	1473.0	1442.5	1421.3	1397.5	1381.6
15°	1609.4	1586.9	1564.4	1515.4	1459.7	1421.3	1369.6	1324.6	1262.4	1213.3	1185.5
17.5°	1533.9	1508.7	1478.3	1424.0	1369.6	1316.7	1221.3	1168.3	1124.6	1095.5	1078.2
20°	1455.7	1427.9	1397.5	1343.2	1249.1	1156.4	1103.4	1062.3	1035.8	1006.7	985.5
22.5°	1373.6	1344.5	1311.4	1226.6	1127.2	1062.3	1021.3	982.9	944.4	928.6	918.0
25°	1296.8	1270.3	1227.9	1112.7	1034.5	974.9	928.6	903.4	883.5	862.3	842.5
27.5°	1217.3	1168.3	1108.7	1012.0	963.0	902.1	868.9	850.4	816.0	801.4	792.1
30°	1121.9	1067.6	1010.7	941.8	884.8	842.5	812.0	781.5	761.7	747.1	731.2
32.5°	1025.2	973.6	937.8	866.3	823.9	780.2	751.1	732.5	703.4	694.1	687.5
35°	941.8	898.1	866.3	808.0	768.3	728.5	707.3	679.5	661.0	643.8	633.2
37.5°	859.7	835.8	802.7	753.7	711.3	679.5	650.4	641.1	615.9	606.7	596.1
40°	802.7	766.9	739.1	696.7	661.0	626.5	608.0	586.8	569.6	555.0	551.0
42.5°	733.8	707.3	691.4	645.1	608.0	588.1	565.6	541.8	528.5	516.6	502.0
45°	682.2	658.3	635.8	598.7	565.6	540.4	520.6	504.7	482.2	476.9	454.3
47.5°	627.9	604.0	586.8	549.7	519.2	495.4	480.8	459.6	441.1	429.2	418.6
50°	573.6	553.7	537.8	506.0	479.5	454.3	434.5	413.3	405.3	385.5	378.8
52.5°	521.9	508.7	491.4	461.0	434.5	413.3	392.1	374.9	362.9	352.3	344.4
55°	478.2	457.0	449.0	415.9	393.4	370.9	352.3	341.7	327.2	320.6	313.9
57.5°	429.2	417.3	404.0	378.8	353.7	332.5	319.2	303.3	295.4	287.4	282.1
60°	386.8	369.6	359.0	337.8	315.3	295.4	283.5	271.5	260.9	254.3	243.7
62.5°	337.8	324.5	317.9	295.4	276.8	258.3	247.7	235.8	227.8	215.9	202.7
65°	295.4	284.8	276.8	258.3	241.1	223.9	213.3	198.7	188.1	181.5	180.1
67.5°	258.3	250.4	238.4	221.2	204.0	190.7	178.8	166.9	165.6	162.9	162.9
70°	217.2	209.3	202.7	184.1	169.6	155.0	152.3	148.4	144.4	143.1	140.4
72.5°	181.5	174.8	166.9	151.0	136.4	132.5	129.8	127.2	123.2	121.9	120.5
75°	147.0	137.8	132.5	117.9	113.9	111.3	108.6	104.6	102.0	100.7	98.0
77.5°	112.6	103.3	103.3	95.4	92.7	88.7	86.1	83.5	82.1	79.5	79.5
80°	79.5	79.5	76.8	72.9	68.9	67.6	63.6	62.3	60.9	62.3	59.6
82.5°	58.3	53.0	53.0	50.3	47.7	46.4	43.7	43.7	42.4	42.4	42.4
85°	33.1	33.1	31.8	29.1	27.8	27.8	26.5	26.5	25.2	25.2	23.8
87.5°	13.2	11.9	13.2	11.9	11.9	10.6	10.6	10.6	9.3	10.6	9.3
90°	6.9	7.8	8.6	11.5	15.5	18.9	19.5	18.9	18.4	17.2	18.4
92.5°	24.1	27.2	30.4	45.9	67.7	87.2	88.4	74.0	58.0	49.4	43.0
95°	42.5	49.4	56.2	82.6	132.6	199.1	224.9	196.8	150.3	115.3	91.2
97.5°	57.4	65.2	72.9	106.7	176.2	283.5	366.7	369.6	307.6	245.6	187.6
100°	71.7	79.8	87.8	118.2	188.2	312.2	453.3	536.0	523.9	452.8	374.2
102.5°	84.9	93.0	101.0	128.5	188.8	301.3	456.2	598.0	665.7	663.4	611.2
105°	97.6	105.6	113.6	140.6	191.7	286.4	425.2	577.9	697.2	762.1	769.5
107.5°	110.2	118.2	126.2	152.6	198.0	278.3	396.5	535.4	663.4	759.8	816.0
110°	122.8	131.1	139.4	164.7	206.0	276.0	377.0	495.8	616.9	719.6	793.1

TEST NUMBER: P1000163

CATALOG NUMBER: SA2XXRDIP-B865D530UB35-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
112.5°	134.9	143.5	152.1	176.2	214.6	276.6	364.4	468.3	574.4	672.0	751.7
115°	148.1	155.8	163.5	188.2	223.2	278.9	355.8	446.5	541.1	629.5	704.7
117.5°	160.1	168.1	176.2	199.1	232.4	282.3	351.2	431.5	513.6	592.8	662.8
120°	172.2	180.2	188.2	210.6	241.6	285.8	347.2	420.1	494.1	565.2	626.1
122.5°	184.2	192.5	200.8	221.5	249.6	289.8	344.9	410.3	478.6	542.3	599.1
125°	195.7	203.8	211.8	232.4	258.2	293.8	342.0	401.1	463.7	522.8	573.3
127.5°	206.0	214.4	222.7	242.7	266.3	297.8	340.3	392.5	448.8	503.3	551.5
130°	215.8	223.8	231.8	251.9	273.7	302.4	339.1	383.9	434.4	483.8	529.1
132.5°	224.9	233.0	241.0	260.0	281.2	307.0	338.6	377.0	420.6	465.4	506.1
135°	233.0	241.0	249.1	267.4	287.5	310.5	338.0	370.7	408.0	445.9	483.8
137.5°	240.4	247.9	255.4	273.7	292.7	313.9	338.0	366.1	397.7	430.4	461.4
140°	246.8	254.2	261.7	278.9	296.7	316.2	337.4	362.1	387.9	415.5	441.9
142.5°	252.5	259.4	266.3	282.9	300.1	317.9	337.4	358.1	379.9	402.3	424.1
145°	258.8	265.1	271.4	286.9	303.0	319.1	336.3	354.6	372.4	391.4	409.2
147.5°	264.0	269.7	275.4	290.4	304.7	319.6	334.6	351.2	366.7	382.2	396.5
150°	269.1	274.3	279.5	292.7	305.9	319.1	332.8	346.6	360.4	373.0	385.1
152.5°	274.3	278.9	283.5	295.0	306.4	317.9	330.0	342.6	354.1	365.5	375.3
155°	278.9	283.2	287.5	297.3	307.0	316.8	326.5	337.4	348.3	357.5	366.1
157.5°	282.9	286.6	290.4	299.0	307.0	314.5	323.1	332.8	341.4	349.5	356.9
160°	286.9	290.0	293.2	300.1	307.0	312.7	319.6	327.7	335.1	341.4	347.8
162.5°	290.4	292.7	295.0	300.7	306.4	311.0	316.8	323.1	328.8	334.0	339.1
165°	292.7	294.4	296.1	301.3	305.3	308.7	312.7	317.9	322.5	326.5	330.5
167.5°	295.0	296.2	297.3	301.3	304.7	306.4	309.3	312.7	316.2	319.6	322.5
170°	296.1	297.0	297.8	300.7	303.6	304.7	306.4	308.7	311.6	313.3	315.6
172.5°	297.3	297.8	298.4	300.1	301.8	302.4	303.0	304.7	306.4	307.6	309.3
175°	297.8	298.1	298.4	299.6	300.7	300.1	300.7	301.3	303.0	303.6	304.1
177.5°	298.4	298.4	298.4	299.0	300.1	299.0	298.4	299.0	300.1	300.1	300.7
180°	298.4	298.4	298.4	298.4	298.4	298.4	298.4	298.4	298.4	298.4	298.4

TEST NUMBER: P1000163

CATALOG NUMBER: SA2XXRDIP-B865D530UB35-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
0°	1906.1	1906.1	1906.1	1906.1	1906.1	1906.1	1906.1	1906.1	1906.1	1906.1	1906.1
2.5°	1824.0	1821.3	1813.4	1816.0	1812.1	1812.1	1809.4	1809.4	1809.4	1816.0	1812.1
5°	1724.6	1715.4	1706.1	1702.1	1698.1	1694.2	1694.2	1692.9	1704.8	1702.1	1712.7
7.5°	1601.5	1598.8	1580.3	1580.3	1573.6	1571.0	1577.6	1578.9	1580.3	1582.9	1589.5
10°	1491.5	1484.9	1458.4	1461.0	1457.1	1451.8	1455.7	1453.1	1462.4	1465.0	1462.4
12.5°	1361.7	1349.8	1320.6	1306.1	1290.2	1278.2	1292.8	1282.2	1319.3	1329.9	1359.0
15°	1189.5	1167.0	1147.1	1147.1	1132.5	1121.9	1128.6	1140.5	1148.4	1160.4	1165.7
17.5°	1074.3	1065.0	1049.1	1039.8	1035.8	1031.9	1031.9	1037.2	1054.4	1053.1	1063.7
20°	976.2	970.9	963.0	951.1	947.1	944.4	944.4	944.4	956.4	967.0	973.6
22.5°	908.7	904.7	899.4	883.5	875.6	872.9	879.5	883.5	892.8	900.7	907.4
25°	841.1	831.9	822.6	817.3	813.3	813.3	816.0	817.3	821.3	825.2	833.2
27.5°	785.5	778.9	765.6	751.1	751.1	747.1	749.7	752.4	761.7	774.9	781.5
30°	723.2	721.9	716.6	711.3	706.0	703.4	708.7	712.6	714.0	720.6	720.6
32.5°	678.2	668.9	659.7	654.4	651.7	650.4	651.7	657.0	657.0	665.0	674.2
35°	633.2	627.9	618.6	609.3	606.7	600.0	605.3	610.6	619.9	623.9	627.9
37.5°	584.2	577.5	573.6	570.9	565.6	566.9	563.0	570.9	578.9	577.5	580.2
40°	547.1	535.1	523.2	521.9	520.6	519.2	519.2	520.6	525.9	531.2	539.1
42.5°	499.4	495.4	484.8	474.2	471.6	468.9	466.3	471.6	482.2	491.4	495.4
45°	450.4	445.1	442.4	434.5	429.2	427.8	425.2	431.8	441.1	445.1	447.7
47.5°	405.3	404.0	396.1	397.4	393.4	394.7	393.4	397.4	397.4	401.4	404.0
50°	374.9	370.9	366.9	364.3	360.3	360.3	359.0	360.3	365.6	370.9	369.6
52.5°	344.4	337.8	336.5	335.1	332.5	335.1	331.2	332.5	337.8	340.4	339.1
55°	308.6	307.3	304.7	302.0	300.7	299.4	299.4	299.4	304.7	308.6	310.0
57.5°	280.8	274.2	268.9	268.9	263.6	262.3	264.9	266.2	270.2	272.9	275.5
60°	242.4	239.8	231.8	227.8	219.9	218.6	218.6	223.9	230.5	239.8	242.4
62.5°	201.3	197.4	196.0	196.0	196.0	196.0	196.0	196.0	196.0	197.4	197.4
65°	178.8	180.1	178.8	177.5	178.8	178.8	177.5	177.5	177.5	178.8	180.1
67.5°	160.3	159.0	160.3	159.0	157.6	157.6	156.3	157.6	159.0	160.3	160.3
70°	139.1	139.1	137.8	139.1	137.8	136.4	135.1	135.1	137.8	139.1	139.1
72.5°	119.2	119.2	117.9	117.9	115.2	115.2	116.6	115.2	115.2	119.2	119.2
75°	99.3	98.0	96.7	96.7	95.4	95.4	95.4	94.0	96.7	96.7	98.0
77.5°	78.2	78.2	78.2	76.8	76.8	75.5	75.5	76.8	76.8	76.8	78.2
80°	59.6	59.6	59.6	58.3	57.0	57.0	57.0	57.0	57.0	58.3	57.0
82.5°	41.1	41.1	41.1	41.1	41.1	39.7	39.7	39.7	41.1	41.1	39.7
85°	25.2	23.8	25.2	25.2	23.8	25.2	23.8	23.8	22.5	22.5	23.8
87.5°	10.6	9.3	7.9	7.9	9.3	7.9	7.9	7.9	9.3	7.9	7.9
90°	18.6	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.6
92.5°	40.7	38.4	37.9	35.6	36.2	35.0	36.2	35.6	37.9	38.4	40.7
95°	84.9	78.6	71.2	66.6	64.8	65.4	64.8	66.6	71.2	78.6	84.9
97.5°	170.4	153.2	130.8	119.4	113.0	109.6	113.0	119.4	130.8	153.2	170.4
100°	339.4	304.7	257.1	232.4	215.8	205.4	215.8	232.4	257.1	304.7	339.4
102.5°	573.9	536.6	483.8	437.3	415.5	400.5	415.5	437.3	483.8	536.6	573.9
105°	760.0	750.6	715.0	679.4	654.8	646.7	654.8	679.4	715.0	750.6	760.0
107.5°	827.5	839.0	838.4	833.2	825.8	812.6	825.8	833.2	838.4	839.0	827.5
110°	816.6	840.1	864.8	875.7	880.9	880.3	880.9	875.7	864.8	840.1	816.6

TEST NUMBER: P1000163

CATALOG NUMBER: SA2XXRDIP-B865D530UB35-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
112.5°	779.6	807.4	844.1	864.2	875.1	879.1	875.1	864.2	844.1	807.4	779.6
115°	734.2	763.8	804.5	830.9	845.9	851.0	845.9	830.9	804.5	763.8	734.2
117.5°	690.9	719.0	760.9	789.0	804.5	808.6	804.5	789.0	760.9	719.0	690.9
120°	652.2	678.3	718.5	745.4	762.1	767.8	762.1	745.4	718.5	678.3	652.2
122.5°	622.0	645.0	680.0	706.4	720.8	725.3	720.8	706.4	680.0	645.0	622.0
125°	594.8	616.3	649.6	671.4	685.8	690.3	685.8	671.4	649.6	616.3	594.8
127.5°	571.6	591.6	620.9	641.6	654.2	657.6	654.2	641.6	620.9	591.6	571.6
130°	548.0	567.0	595.1	614.6	626.1	630.7	626.1	614.6	595.1	567.0	548.0
132.5°	523.6	541.1	568.7	588.2	598.5	602.5	598.5	588.2	568.7	541.1	523.6
135°	499.8	515.9	540.6	559.5	569.8	572.1	569.8	559.5	540.6	515.9	499.8
137.5°	475.8	490.1	513.6	530.2	539.4	542.9	539.4	530.2	513.6	490.1	475.8
140°	454.5	467.1	485.5	500.4	509.0	512.4	509.0	500.4	485.5	467.1	454.5
142.5°	434.2	444.2	461.4	474.6	482.0	482.0	482.0	474.6	461.4	444.2	434.2
145°	417.5	425.8	439.6	449.3	455.1	456.8	455.1	449.3	439.6	425.8	417.5
147.5°	402.8	409.2	421.2	429.2	433.3	434.4	433.3	429.2	421.2	409.2	402.8
150°	390.2	395.4	404.0	410.9	414.3	414.9	414.3	410.9	404.0	395.4	390.2
152.5°	379.6	383.9	390.2	396.0	398.3	398.3	398.3	396.0	390.2	383.9	379.6
155°	369.2	372.4	378.7	382.8	385.1	383.9	385.1	382.8	378.7	372.4	369.2
157.5°	359.5	362.1	366.7	370.1	371.3	371.3	371.3	370.1	366.7	362.1	359.5
160°	349.8	351.8	355.8	358.7	359.2	359.2	359.2	358.7	355.8	351.8	349.8
162.5°	340.6	342.0	346.0	347.8	348.3	347.8	348.3	347.8	346.0	342.0	340.6
165°	331.6	332.8	335.1	337.4	337.4	336.9	337.4	337.4	335.1	332.8	331.6
167.5°	323.6	324.8	325.9	327.1	327.1	326.5	327.1	327.1	325.9	324.8	323.6
170°	316.2	316.8	317.3	319.1	318.5	317.3	318.5	319.1	317.3	316.8	316.2
172.5°	309.6	309.9	310.5	311.0	310.5	309.9	310.5	311.0	310.5	309.9	309.6
175°	304.4	304.7	304.7	305.3	304.7	303.6	304.7	305.3	304.7	304.7	304.4
177.5°	300.7	300.7	300.7	300.7	300.1	299.0	300.1	300.7	300.7	300.7	300.7
180°	298.4	298.4	298.4	298.4	298.4	298.4	298.4	298.4	298.4	298.4	298.4

TEST NUMBER: P1000163

CATALOG NUMBER: SA2XXRDIP-B865D530UB35-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
0°	1906.1	1906.1	1906.1	1906.1	1906.1	1906.1	1906.1	1906.1	1906.1	1906.1	1906.1
2.5°	1816.0	1822.7	1820.0	1805.4	1820.0	1824.0	1831.9	1839.9	1845.2	1853.1	1859.8
5°	1702.1	1715.4	1723.3	1715.4	1741.9	1745.8	1764.4	1775.0	1790.9	1804.1	1814.7
7.5°	1594.8	1605.4	1621.3	1624.0	1639.9	1658.4	1684.9	1711.4	1736.6	1749.8	1761.7
10°	1479.6	1498.1	1522.0	1516.7	1540.5	1569.7	1597.5	1639.9	1661.1	1684.9	1706.1
12.5°	1364.3	1376.3	1408.1	1418.7	1453.1	1475.6	1514.0	1540.5	1593.5	1621.3	1639.9
15°	1163.0	1212.0	1251.8	1299.4	1344.5	1386.9	1421.3	1469.0	1515.4	1536.5	1567.0
17.5°	1071.6	1094.1	1118.0	1141.8	1200.1	1275.6	1336.5	1388.2	1427.9	1455.7	1491.5
20°	976.2	998.8	1025.2	1047.8	1083.5	1137.8	1213.3	1302.1	1349.8	1378.9	1413.4
22.5°	908.7	929.9	947.1	967.0	994.8	1034.5	1091.5	1201.4	1265.0	1300.8	1331.2
25°	835.8	862.3	880.9	895.4	918.0	961.7	1008.0	1070.3	1184.2	1212.0	1254.4
27.5°	785.5	793.4	814.6	837.2	859.7	883.5	931.2	984.2	1061.0	1121.9	1173.6
30°	725.9	745.8	765.6	774.9	794.8	829.2	858.3	915.3	974.9	1022.6	1084.9
32.5°	680.8	692.8	706.0	728.5	747.1	770.9	800.1	847.8	898.1	928.6	976.2
35°	630.5	638.5	666.3	675.6	694.1	717.9	747.1	784.2	838.5	862.3	896.8
37.5°	582.8	601.4	609.3	630.5	647.7	671.6	692.8	735.2	770.9	798.7	830.5
40°	545.7	553.7	568.3	586.8	601.4	619.9	646.4	676.9	715.3	737.8	765.6
42.5°	500.7	507.3	525.9	536.5	560.3	577.5	593.4	630.5	665.0	682.2	710.0
45°	451.7	467.6	479.5	500.7	513.9	535.1	555.0	581.5	613.3	633.2	649.1
47.5°	409.3	425.2	437.1	457.0	478.2	487.5	508.7	536.5	565.6	581.5	604.0
50°	374.9	380.2	402.7	412.0	434.5	453.0	467.6	491.4	523.2	532.5	551.0
52.5°	341.7	345.7	360.3	372.2	392.1	408.0	426.5	449.0	475.5	490.1	504.7
55°	312.6	315.3	321.9	335.1	348.4	368.2	385.5	406.7	429.2	445.1	458.3
57.5°	279.5	284.8	290.1	298.0	311.3	329.8	348.4	368.2	386.8	397.4	414.6
60°	241.1	249.0	258.3	267.6	276.8	290.1	311.3	329.8	347.0	356.3	369.6
62.5°	200.0	215.9	223.9	234.5	242.4	254.3	270.2	291.4	303.3	315.3	325.9
65°	180.1	181.5	182.8	193.4	208.0	219.9	234.5	250.4	268.9	276.8	284.8
67.5°	160.3	161.6	164.3	165.6	170.9	184.1	200.0	217.2	231.8	237.1	245.1
70°	140.4	140.4	145.7	147.0	148.4	149.7	162.9	180.1	193.4	200.0	209.3
72.5°	119.2	120.5	123.2	124.5	127.2	129.8	133.8	143.1	159.0	165.6	176.2
75°	98.0	99.3	100.7	102.0	106.0	107.3	111.3	116.6	123.2	131.1	137.8
77.5°	78.2	78.2	79.5	82.1	84.8	86.1	90.1	92.7	95.4	99.3	104.6
80°	58.3	59.6	59.6	62.3	62.3	63.6	64.9	68.9	71.5	74.2	76.8
82.5°	39.7	42.4	42.4	42.4	43.7	45.0	46.4	46.4	49.0	50.3	54.3
85°	23.8	25.2	25.2	25.2	23.8	26.5	26.5	27.8	27.8	27.8	29.1
87.5°	9.3	7.9	9.3	9.3	9.3	10.6	9.3	9.3	10.6	11.9	11.9
90°	18.4	17.2	18.4	18.9	19.5	18.9	15.5	11.5	8.6	7.8	6.9
92.5°	43.0	49.4	58.0	74.0	88.4	87.2	67.7	45.9	30.4	27.2	24.1
95°	91.2	115.3	150.3	196.8	224.9	199.1	132.6	82.6	56.2	49.4	42.5
97.5°	187.6	245.6	307.6	369.6	366.7	283.5	176.2	106.7	72.9	65.2	57.4
100°	374.2	452.8	523.9	536.0	453.3	312.2	188.2	118.2	87.8	79.8	71.7
102.5°	611.2	663.4	665.7	598.0	456.2	301.3	188.8	128.5	101.0	93.0	84.9
105°	769.5	762.1	697.2	577.9	425.2	286.4	191.7	140.6	113.6	105.6	97.6
107.5°	816.0	759.8	663.4	535.4	396.5	278.3	198.0	152.6	126.2	118.2	110.2
110°	793.1	719.6	616.9	495.8	377.0	276.0	206.0	164.7	139.4	131.1	122.8

TEST NUMBER: P1000163

CATALOG NUMBER: SA2XXRDIP-B865D530UB35-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
112.5°	751.7	672.0	574.4	468.3	364.4	276.6	214.6	176.2	152.1	143.5	134.9
115°	704.7	629.5	541.1	446.5	355.8	278.9	223.2	188.2	163.5	155.8	148.1
117.5°	662.8	592.8	513.6	431.5	351.2	282.3	232.4	199.1	176.2	168.1	160.1
120°	626.1	565.2	494.1	420.1	347.2	285.8	241.6	210.6	188.2	180.2	172.2
122.5°	599.1	542.3	478.6	410.3	344.9	289.8	249.6	221.5	200.8	192.5	184.2
125°	573.3	522.8	463.7	401.1	342.0	293.8	258.2	232.4	211.8	203.8	195.7
127.5°	551.5	503.3	448.8	392.5	340.3	297.8	266.3	242.7	222.7	214.4	206.0
130°	529.1	483.8	434.4	383.9	339.1	302.4	273.7	251.9	231.8	223.8	215.8
132.5°	506.1	465.4	420.6	377.0	338.6	307.0	281.2	260.0	241.0	233.0	224.9
135°	483.8	445.9	408.0	370.7	338.0	310.5	287.5	267.4	249.1	241.0	233.0
137.5°	461.4	430.4	397.7	366.1	338.0	313.9	292.7	273.7	255.4	247.9	240.4
140°	441.9	415.5	387.9	362.1	337.4	316.2	296.7	278.9	261.7	254.2	246.8
142.5°	424.1	402.3	379.9	358.1	337.4	317.9	300.1	282.9	266.3	259.4	252.5
145°	409.2	391.4	372.4	354.6	336.3	319.1	303.0	286.9	271.4	265.1	258.8
147.5°	396.5	382.2	366.7	351.2	334.6	319.6	304.7	290.4	275.4	269.7	264.0
150°	385.1	373.0	360.4	346.6	332.8	319.1	305.9	292.7	279.5	274.3	269.1
152.5°	375.3	365.5	354.1	342.6	330.0	317.9	306.4	295.0	283.5	278.9	274.3
155°	366.1	357.5	348.3	337.4	326.5	316.8	307.0	297.3	287.5	283.2	278.9
157.5°	356.9	349.5	341.4	332.8	323.1	314.5	307.0	299.0	290.4	286.6	282.9
160°	347.8	341.4	335.1	327.7	319.6	312.7	307.0	300.1	293.2	290.0	286.9
162.5°	339.1	334.0	328.8	323.1	316.8	311.0	306.4	300.7	295.0	292.7	290.4
165°	330.5	326.5	322.5	317.9	312.7	308.7	305.3	301.3	296.1	294.4	292.7
167.5°	322.5	319.6	316.2	312.7	309.3	306.4	304.7	301.3	297.3	296.2	295.0
170°	315.6	313.3	311.6	308.7	306.4	304.7	303.6	300.7	297.8	297.0	296.1
172.5°	309.3	307.6	306.4	304.7	303.0	302.4	301.8	300.1	298.4	297.8	297.3
175°	304.1	303.6	303.0	301.3	300.7	300.1	300.7	299.6	298.4	298.1	297.8
177.5°	300.7	300.1	300.1	299.0	298.4	299.0	300.1	299.0	298.4	298.4	298.4
180°	298.4	298.4	298.4	298.4	298.4	298.4	298.4	298.4	298.4	298.4	298.4

TEST NUMBER: P1000163

CATALOG NUMBER: SA2XXRDIP-B865D530UB35-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
0°	1906.1	1906.1	1906.1	1906.1
2.5°	1871.7	1867.7	1891.5	1918.0
5°	1833.3	1839.9	1870.3	1907.4
7.5°	1793.5	1808.1	1843.9	1892.9
10°	1737.9	1764.4	1818.7	1869.0
12.5°	1683.6	1719.3	1771.0	1830.6
15°	1622.6	1662.4	1726.0	1797.5
17.5°	1555.1	1600.1	1674.3	1752.5
20°	1483.6	1543.2	1621.3	1706.1
22.5°	1404.1	1475.6	1556.4	1650.5
25°	1327.3	1405.4	1486.2	1594.8
27.5°	1251.8	1328.6	1418.7	1528.6
30°	1176.3	1246.5	1343.2	1461.0
32.5°	1095.5	1168.3	1270.3	1390.8
35°	1021.3	1094.1	1189.5	1308.7
37.5°	941.8	1019.9	1111.3	1234.5
40°	849.1	940.5	1029.2	1147.1
42.5°	772.2	868.9	955.0	1066.3
45°	711.3	802.7	874.2	982.9
47.5°	654.4	728.5	801.4	902.1
50°	600.0	657.0	732.5	822.6
52.5°	544.4	593.4	658.3	743.1
55°	494.1	540.4	598.7	663.6
57.5°	447.7	480.8	539.1	597.4
60°	396.1	430.5	475.5	524.5
62.5°	352.3	378.8	421.2	462.3
65°	306.0	331.2	362.9	401.4
67.5°	263.6	286.1	311.3	341.7
70°	225.2	242.4	260.9	287.4
72.5°	184.1	202.7	219.9	241.1
75°	151.0	159.0	173.5	188.1
77.5°	116.6	127.2	135.1	147.0
80°	83.5	92.7	95.4	104.6
82.5°	55.6	60.9	66.2	68.9
85°	31.8	34.4	39.7	41.1
87.5°	11.9	13.2	15.9	18.5
90°	5.7	4.6	2.3	0.6
92.5°	19.5	16.6	12.1	8.6
95°	33.3	28.1	22.4	20.1
97.5°	47.1	39.6	33.3	29.8
100°	60.3	51.1	45.9	44.2
102.5°	72.9	63.7	58.5	57.4
105°	84.9	76.3	72.3	70.0
107.5°	97.6	89.5	85.5	83.8
110°	110.8	103.3	99.9	97.6



TEST NUMBER: P1000163

CATALOG NUMBER: SA2XXRDIP-B865D530UB35-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
112.5°	123.4	116.5	112.5	110.2
115°	136.6	129.7	126.2	123.4
117.5°	149.2	142.9	139.4	137.2
120°	160.7	155.5	152.1	149.8
122.5°	172.7	167.0	163.5	161.8
125°	184.2	177.3	173.9	172.2
127.5°	195.1	187.6	183.1	180.8
130°	204.3	196.3	190.5	188.2
132.5°	212.9	204.3	198.0	195.1
135°	219.8	211.2	204.3	202.0
137.5°	227.2	218.1	211.2	208.3
140°	234.1	224.9	218.1	215.8
142.5°	240.4	231.3	224.9	223.2
145°	247.3	238.7	233.0	230.7
147.5°	254.2	246.2	240.4	238.7
150°	260.5	253.1	248.5	246.8
152.5°	266.3	260.0	255.4	254.8
155°	272.6	266.3	262.8	262.2
157.5°	277.7	272.0	269.1	268.6
160°	282.3	277.7	275.4	274.9
162.5°	286.4	282.9	280.6	281.2
165°	289.8	286.4	285.2	285.8
167.5°	292.7	290.4	289.2	289.8
170°	295.0	293.2	292.7	293.8
172.5°	296.7	295.0	295.5	296.1
175°	297.8	296.7	297.3	297.8
177.5°	298.4	297.3	297.8	299.0
180°	298.4	298.4	298.4	298.4

(END OF REPORT)