

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: P1000181

Luminaire Tested: SA2XXRDIP-B865D725UB27-4F0-XX-W2A-A4

Issue Date: 5/7/2025

Test Information

Test Method: LM-79-2019
Report Number: P1000181
REPORT IS A COMBINATION OF REPORTS P988741 AND P1007351
Test Lab: INNOVATION CENTER
Issue Date: 5/7/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: NEO-RAY
Catalog Number: SA2XXRDIP-B865D725UB27-4F0-XX-W2A-A4
Description: Define 2 Regressed Direct/Indirect Pendant with 2700K BioUP LEDs {m-DER=0.473}
{m-EER=0.52}
Light Source: -
Ballast/Driver: -

Summary

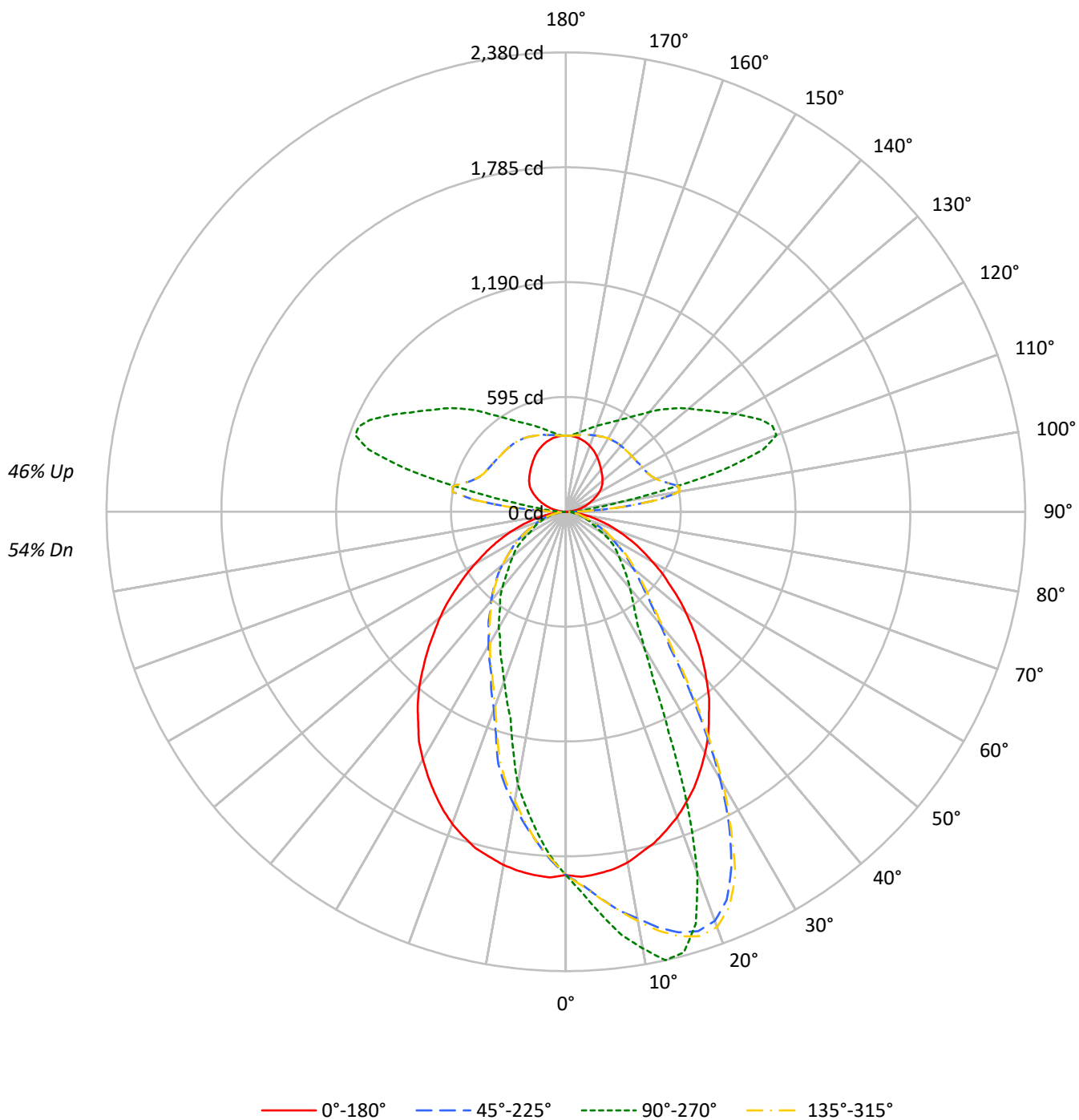
Lumens per Lamp: N/A
Luminaire Lumens: 5995.0 lumens
Efficiency: N/A
Efficacy: 88.3 lumens/watt
Spacing Criteria (0/90/45): 1.16 / 0.85 / 1.01
Luminous Opening: Rectangular w/ Sides (W: 0.17' x L: 4' x H: 0.1')
CIE Type: General Diffuse

Input Watts (W): 67.9
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	108	108	108	108	100	100	100	100	86	86	86	72	72	72	60	60	60
1	100	96	92	89	92	89	86	83	76	74	72	65	63	62	54	53	52
2	91	84	79	74	85	79	74	70	68	64	61	58	55	53	49	47	45
3	84	75	68	63	78	70	64	59	61	56	53	52	49	46	44	42	40
4	77	67	60	54	72	63	56	51	55	50	46	47	43	40	40	37	35
5	71	60	53	47	66	57	50	45	50	44	40	43	39	36	37	34	31
6	66	55	47	41	61	51	44	39	45	40	36	39	35	32	34	31	28
7	61	50	42	37	57	47	40	35	41	36	32	36	32	29	31	28	25
8	57	45	38	33	53	43	36	32	38	33	29	33	29	26	29	26	23
9	54	42	35	30	50	39	33	28	35	30	26	31	27	24	27	24	21
10	50	39	32	27	47	36	30	26	32	27	24	29	25	22	25	22	20

AVERAGE LUMINANCE (cd/sqm):

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

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 165°

Vertical Angle: 45°

Luminance: 27250 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	178.5	3.0
10°-20°	498.2	8.3
20°-30°	641.2	10.7
30°-40°	608.3	10.1
40°-50°	521.3	8.7
50°-60°	397.0	6.6
60°-70°	250.4	4.2
70°-80°	124.9	2.1
80°-90°	34.6	0.6
90°-100°	153.4	2.6
100°-110°	540.2	9.0
110°-120°	567.4	9.5
120°-130°	466.8	7.8
130°-140°	375.0	6.3
140°-150°	283.2	4.7
150°-160°	199.1	3.3
160°-170°	117.2	2.0
170°-180°	38.1	0.6
0°-30°	1317.9	22.0
0°-40°	1926.2	32.1
0°-60°	2844.6	47.4
0°-90°	3254.5	54.3
90°-120°	1261.0	21.0
90°-150°	2386.0	39.8
90°-180°	2740.0	45.7
0°-180°	5995.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1882	1882	1882	1882	1882	
5°	1883	2094	1890	1673	1883	179
15°	1775	2363	1805	1108	1775	499
25°	1574	1261	1608	803	1574	723
35°	1292	621	1334	592	1292	808
45°	970	432	1011	422	970	749
55°	655	300	690	296	655	590
65°	396	156	420	176	396	393
75°	186	82	203	94	186	201
85°	40	24	44	25	40	46
90°	1	25	1	25	1	4
95°	26	86	26	86	26	27
105°	92	853	92	853	92	98
115°	163	1122	163	1122	163	161
125°	227	910	227	910	227	202
135°	266	754	266	754	266	206
145°	304	602	304	602	304	191
155°	346	506	346	506	346	159
165°	377	444	377	444	377	106
175°	393	400	393	400	393	37
180°	394	394	394	394	394	

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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	1881.8	1881.8	1881.8	1881.8	1881.8	1881.8	1881.8	1881.8	1881.8	1881.8	1881.8
2.5°	1893.6	1901.4	1905.3	1910.6	1922.3	1930.2	1942.0	1944.6	1943.3	1948.5	1934.1
5°	1883.1	1900.1	1915.8	1928.9	1949.8	1962.9	1977.3	1994.3	1998.2	2017.8	2006.0
7.5°	1868.7	1893.6	1915.8	1942.0	1973.3	1990.4	2012.6	2038.7	2050.5	2074.0	2080.6
10°	1845.2	1880.5	1918.4	1945.9	1989.0	2019.1	2040.0	2081.9	2109.4	2144.7	2139.4
12.5°	1807.3	1853.0	1904.0	1949.8	2006.0	2025.7	2064.9	2108.0	2143.4	2176.0	2204.8
15°	1774.6	1826.9	1883.1	1939.3	2003.4	2040.0	2079.3	2135.5	2173.4	2231.0	2255.8
17.5°	1730.1	1796.8	1863.5	1926.3	2002.1	2044.0	2092.4	2147.3	2203.5	2258.4	2278.0
20°	1684.3	1756.3	1828.2	1913.2	1999.5	2040.0	2089.7	2157.7	2212.7	2255.8	2255.8
22.5°	1629.4	1717.0	1799.4	1880.5	1974.7	2033.5	2084.5	2164.3	2203.5	2212.7	2177.4
25°	1574.5	1662.1	1752.3	1853.0	1960.3	2012.6	2070.1	2144.7	2157.7	2121.1	2029.6
27.5°	1509.1	1607.2	1709.2	1817.7	1930.2	1995.6	2047.9	2097.6	2072.7	1974.7	1832.1
30°	1442.4	1548.3	1663.4	1766.7	1902.7	1962.9	2007.4	2021.7	1943.3	1783.7	1599.3
32.5°	1373.1	1476.4	1598.0	1722.3	1859.6	1917.1	1945.9	1908.0	1764.1	1562.7	1337.8
35°	1292.0	1408.4	1535.3	1664.7	1800.7	1843.9	1860.9	1768.0	1583.6	1323.4	1099.8
37.5°	1218.8	1335.2	1471.2	1603.3	1735.3	1758.9	1741.9	1596.7	1362.6	1105.0	886.6
40°	1132.5	1256.7	1390.1	1537.9	1646.4	1653.0	1611.1	1422.8	1132.5	890.6	755.9
42.5°	1052.7	1178.3	1311.6	1462.0	1544.4	1522.2	1466.0	1218.8	945.5	767.6	659.1
45°	970.3	1089.3	1233.2	1366.6	1425.4	1373.1	1288.1	1025.3	793.8	660.4	576.7
47.5°	890.6	1001.7	1144.3	1272.4	1282.9	1224.0	1123.3	859.2	687.9	580.6	512.6
50°	812.1	923.3	1056.6	1162.6	1152.1	1071.0	957.3	746.7	597.6	512.6	456.4
52.5°	733.6	834.3	963.8	1047.5	1003.0	924.6	812.1	632.9	521.8	447.2	404.1
55°	655.2	749.3	860.5	929.8	859.2	768.9	689.2	542.7	452.5	392.3	359.6
57.5°	589.8	664.3	766.3	808.2	723.2	652.6	583.2	466.9	392.3	349.2	311.2
60°	517.9	585.9	669.6	694.4	606.8	549.2	490.4	394.9	336.1	298.2	273.3
62.5°	456.4	512.6	576.7	576.7	499.5	456.4	411.9	330.9	282.5	252.4	240.6
65°	396.2	436.8	482.5	477.3	411.9	374.0	338.7	273.3	236.7	215.8	204.0
67.5°	337.4	368.8	398.9	380.5	333.5	300.8	268.1	221.0	196.2	181.8	166.1
70°	283.8	308.6	324.3	307.3	260.2	232.8	209.2	177.8	158.2	139.9	130.8
72.5°	238.0	248.5	253.7	232.8	193.5	177.8	160.8	138.6	121.6	112.5	109.8
75°	185.7	194.9	190.9	175.2	142.5	130.8	117.7	102.0	98.1	92.8	90.2
77.5°	145.2	145.2	138.6	124.2	102.0	92.8	87.6	79.8	75.8	74.5	71.9
80°	103.3	102.0	98.1	82.4	69.3	64.1	64.1	58.8	57.5	54.9	54.9
82.5°	68.0	68.0	62.8	49.7	45.8	44.5	43.2	40.5	40.5	39.2	39.2
85°	40.5	37.9	31.4	27.5	26.2	26.2	24.8	23.5	24.8	23.5	23.5
87.5°	18.3	14.4	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5
90°	0.8	3.0	6.1	7.6	9.1	10.2	11.4	15.1	20.4	25.0	25.7
92.5°	11.4	15.9	21.9	25.7	31.8	36.0	40.1	60.5	89.3	115.0	116.5
95°	26.5	29.5	37.1	43.9	56.0	65.1	74.2	109.0	174.8	262.6	296.7
97.5°	39.4	43.9	52.2	62.1	75.7	85.9	96.1	140.8	232.3	373.8	483.6
100°	58.3	60.5	67.4	79.5	94.6	105.2	115.8	155.9	248.2	411.7	597.8
102.5°	75.7	77.2	84.0	96.1	112.0	122.6	133.2	169.5	249.0	397.3	601.6
105°	92.3	95.4	100.6	112.0	128.7	139.2	149.8	185.4	252.8	377.6	560.8
107.5°	110.5	112.8	118.1	128.7	145.3	155.9	166.5	201.3	261.1	367.0	522.9
110°	128.7	131.7	136.2	146.1	161.9	172.9	183.9	217.2	271.7	364.0	497.2

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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	145.3	148.3	153.6	162.7	177.8	189.2	200.5	232.3	283.0	364.8	480.5
115°	162.7	166.5	171.0	180.1	195.2	205.4	215.7	248.2	294.4	367.8	469.2
117.5°	180.9	183.9	188.4	196.8	211.1	221.7	232.3	262.6	306.5	372.3	463.1
120°	197.5	200.5	205.1	211.9	227.0	237.6	248.2	277.7	318.6	376.9	457.8
122.5°	213.4	215.7	220.2	227.8	242.9	253.9	264.9	292.1	329.2	382.2	454.8
125°	227.0	229.3	233.8	242.9	258.1	268.6	279.2	306.5	340.5	387.5	451.0
127.5°	238.4	241.4	247.5	257.3	271.7	282.6	293.6	320.1	351.1	392.8	448.8
130°	248.2	251.2	258.8	269.4	284.5	295.1	305.7	332.2	361.0	398.8	447.2
132.5°	257.3	261.1	269.4	280.8	296.7	307.2	317.8	342.8	370.8	404.9	446.5
135°	266.4	269.4	278.5	289.8	307.2	317.8	328.4	352.7	379.1	409.4	445.7
137.5°	274.7	278.5	287.6	299.7	317.1	327.0	336.8	361.0	386.0	414.0	445.7
140°	284.5	287.6	296.7	308.8	325.4	335.2	345.1	367.8	391.2	417.0	445.0
142.5°	294.4	296.7	305.0	317.1	333.0	342.0	351.1	373.1	395.8	419.2	445.0
145°	304.2	307.2	314.8	326.2	341.3	349.6	358.0	378.4	399.6	420.8	443.5
147.5°	314.8	317.1	324.7	335.2	348.1	355.6	363.2	382.9	401.8	421.5	441.2
150°	325.4	327.7	333.7	343.6	354.9	361.7	368.5	386.0	403.4	420.8	438.9
152.5°	336.0	336.8	342.8	351.1	361.7	367.8	373.8	389.0	404.1	419.2	435.1
155°	345.8	346.6	351.1	359.5	367.8	373.5	379.1	392.0	404.9	417.7	430.6
157.5°	354.2	354.9	358.7	366.3	373.1	378.0	382.9	394.3	404.9	414.7	426.1
160°	362.5	363.2	366.3	372.3	378.4	382.5	386.7	395.8	404.9	412.4	421.5
162.5°	370.8	370.1	373.1	377.6	382.9	386.0	389.0	396.5	404.1	410.2	417.7
165°	376.9	376.1	377.6	382.2	386.0	388.2	390.5	397.3	402.6	407.1	412.4
167.5°	382.2	381.4	382.9	386.0	389.0	390.5	392.0	397.3	401.8	404.1	407.9
170°	387.5	386.0	386.7	389.0	390.5	391.6	392.8	396.5	400.3	401.8	404.1
172.5°	390.5	389.7	389.0	391.2	392.0	392.8	393.5	395.8	398.1	398.8	399.6
175°	392.8	392.0	391.2	392.8	392.8	393.2	393.5	395.0	396.5	395.8	396.5
177.5°	394.3	392.8	392.0	393.5	393.5	393.5	393.5	394.3	395.8	394.3	393.5
180°	393.5	393.5	393.5	393.5	393.5	393.5	393.5	393.5	393.5	393.5	393.5

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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	1881.8	1881.8	1881.8	1881.8	1881.8	1881.8	1881.8	1881.8	1881.8	1881.8	1881.8
2.5°	1948.5	1951.1	1955.0	1973.3	1976.0	1981.2	1978.6	1978.6	1979.9	1977.3	1978.6
5°	2032.2	2036.1	2055.7	2078.0	2083.2	2078.0	2084.5	2093.7	2093.7	2093.7	2091.0
7.5°	2110.7	2125.0	2147.3	2180.0	2186.5	2193.0	2204.8	2197.0	2199.6	2211.4	2207.4
10°	2186.5	2207.4	2232.3	2259.7	2274.1	2283.3	2288.5	2300.3	2327.7	2296.4	2308.1
12.5°	2258.4	2288.5	2314.7	2344.7	2355.2	2367.0	2370.9	2381.4	2381.4	2380.1	2389.2
15°	2305.5	2333.0	2356.5	2376.1	2378.7	2376.1	2373.5	2374.8	2378.7	2363.1	2372.2
17.5°	2316.0	2318.6	2326.4	2318.6	2319.9	2292.4	2276.7	2272.8	2236.2	2237.5	2267.6
20°	2265.0	2220.5	2208.7	2165.6	2139.4	2068.8	2066.2	2046.6	1969.4	1993.0	1987.7
22.5°	2125.0	2049.2	1948.5	1898.8	1874.0	1799.4	1741.9	1701.3	1673.9	1646.4	1634.7
25°	1940.7	1817.7	1675.2	1577.1	1562.7	1493.4	1387.5	1337.8	1279.0	1260.6	1292.0
27.5°	1702.7	1543.1	1382.3	1231.9	1204.4	1141.6	1088.0	1052.7	984.7	980.8	983.4
30°	1379.6	1218.8	1084.1	986.0	918.0	889.2	853.9	827.8	800.3	810.8	813.4
32.5°	1133.8	980.8	855.2	802.9	771.6	753.2	723.2	706.2	694.4	690.5	689.2
35°	901.0	799.0	742.8	691.8	673.5	660.4	638.2	630.3	619.9	621.2	621.2
37.5°	771.6	686.6	644.7	618.6	601.6	595.0	580.6	572.8	566.2	563.6	567.6
40°	665.6	606.8	580.6	557.1	542.7	540.1	532.2	523.1	515.2	516.5	520.5
42.5°	588.5	554.5	523.1	504.8	494.3	490.4	483.9	477.3	477.3	473.4	472.1
45°	527.0	499.5	473.4	456.4	449.9	444.6	436.8	435.5	430.2	431.5	432.9
47.5°	472.1	449.9	430.2	413.2	406.7	405.4	397.5	392.3	392.3	391.0	389.7
50°	422.4	400.2	383.2	374.0	364.9	362.2	360.9	359.6	357.0	357.0	358.3
52.5°	381.9	359.6	346.5	338.7	333.5	330.9	330.9	329.5	329.5	329.5	328.2
55°	337.4	319.1	308.6	306.0	303.4	302.1	300.8	298.2	296.9	299.5	296.9
57.5°	295.5	289.0	279.9	277.2	270.7	270.7	266.8	264.2	261.5	264.2	264.2
60°	262.9	253.7	248.5	240.6	235.4	230.2	223.6	222.3	219.7	218.4	217.1
62.5°	228.9	221.0	207.9	196.2	188.3	183.1	180.5	179.2	179.2	177.8	177.8
65°	190.9	172.6	166.1	162.2	160.8	159.5	156.9	155.6	156.9	155.6	156.9
67.5°	149.1	146.5	142.5	139.9	138.6	137.3	137.3	136.0	136.0	136.0	136.0
70°	129.5	122.9	121.6	119.0	119.0	117.7	117.7	117.7	117.7	116.4	119.0
72.5°	107.2	103.3	102.0	100.7	100.7	100.7	99.4	99.4	99.4	98.1	99.4
75°	87.6	86.3	83.7	83.7	82.4	83.7	82.4	82.4	81.1	82.4	82.4
77.5°	70.6	69.3	68.0	68.0	66.7	66.7	66.7	66.7	66.7	66.7	68.0
80°	53.6	52.3	51.0	52.3	51.0	52.3	51.0	51.0	52.3	51.0	51.0
82.5°	39.2	37.9	37.9	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6
85°	23.5	22.2	22.2	23.5	22.2	23.5	22.2	22.2	22.2	23.5	23.5
87.5°	10.5	11.8	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	11.8
90°	25.0	24.2	22.7	24.2	24.6	25.0	25.0	25.0	25.0	25.0	25.0
92.5°	97.6	76.4	65.1	56.8	53.8	50.7	49.9	46.9	47.7	46.2	47.7
95°	259.6	198.3	152.1	120.3	112.0	103.7	93.8	87.8	85.5	86.3	85.5
97.5°	487.4	405.6	323.9	247.5	224.8	202.1	172.5	157.4	149.1	144.5	149.1
100°	706.8	690.9	597.1	493.4	447.6	401.8	339.0	306.5	284.5	270.9	284.5
102.5°	788.5	877.8	874.8	806.0	756.8	707.6	638.0	576.7	547.9	528.2	547.9
105°	762.1	919.5	1005.0	1014.8	1002.3	989.8	942.9	896.0	863.5	852.9	863.5
107.5°	706.1	874.8	1002.0	1076.1	1091.2	1106.4	1105.6	1098.8	1089.0	1071.6	1089.0
110°	653.8	813.5	949.0	1045.9	1076.9	1107.9	1140.4	1154.8	1161.6	1160.9	1161.6

TEST NUMBER: P1000181

CATALOG NUMBER: SA2XXRDIP-B865D725UB27-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	617.5	757.5	886.2	991.4	1028.1	1064.8	1113.2	1139.7	1154.1	1159.4	1154.1
115°	588.8	713.6	830.2	929.3	968.3	1007.3	1061.0	1095.8	1115.5	1122.3	1115.5
117.5°	569.1	677.3	781.7	874.1	911.2	948.2	1003.5	1040.6	1061.0	1066.3	1061.0
120°	554.0	651.6	745.4	825.6	860.0	894.5	947.5	983.0	1005.0	1012.6	1005.0
122.5°	541.1	631.1	715.1	790.1	820.4	850.6	896.8	931.6	950.5	956.6	950.5
125°	529.0	611.5	689.4	756.0	784.4	812.8	856.7	885.4	904.3	910.4	904.3
127.5°	517.6	591.8	663.7	727.3	753.8	780.2	818.8	846.1	862.7	867.3	862.7
130°	506.3	572.9	638.0	697.7	722.7	747.7	784.8	810.5	825.6	831.7	825.6
132.5°	497.2	554.7	613.7	667.5	690.6	713.6	750.0	775.7	789.3	794.6	789.3
135°	488.9	538.1	588.0	638.0	659.2	680.3	712.9	737.8	751.5	754.5	751.5
137.5°	482.8	524.4	567.6	608.4	627.3	646.3	677.3	699.3	711.4	715.9	711.4
140°	477.5	511.6	547.9	582.7	599.4	616.0	640.2	659.9	671.3	675.8	671.3
142.5°	472.2	501.0	530.5	559.2	572.4	585.7	608.4	625.8	635.7	635.7	635.7
145°	467.7	491.1	516.1	539.6	550.6	561.5	579.7	592.5	600.1	602.4	600.1
147.5°	463.1	483.6	504.0	522.9	531.2	539.6	555.5	566.1	571.4	572.9	571.4
150°	457.1	475.2	491.9	507.8	514.6	521.4	532.8	541.8	546.4	547.1	546.4
152.5°	451.8	466.9	482.1	494.9	500.6	506.3	514.6	522.2	525.2	525.2	525.2
155°	445.0	459.4	471.5	482.8	487.0	491.1	499.5	504.8	507.8	506.3	507.8
157.5°	438.9	450.3	460.9	470.7	474.1	477.5	483.6	488.1	489.6	489.6	489.6
160°	432.1	442.0	450.3	458.6	461.2	463.9	469.2	473.0	473.7	473.7	473.7
162.5°	426.1	433.6	440.4	447.2	449.1	451.0	456.3	458.6	459.4	458.6	459.4
165°	419.2	425.3	430.6	435.9	437.4	438.9	442.0	445.0	445.0	444.2	445.0
167.5°	412.4	417.0	421.5	425.3	426.8	428.3	429.8	431.4	431.4	430.6	431.4
170°	407.1	410.9	413.2	416.2	417.0	417.7	418.5	420.8	420.0	418.5	420.0
172.5°	401.8	404.1	405.6	407.9	408.3	408.7	409.4	410.2	409.4	408.7	409.4
175°	397.3	399.6	400.3	401.1	401.5	401.8	401.8	402.6	401.8	400.3	401.8
177.5°	394.3	395.8	395.8	396.5	396.5	396.5	396.5	396.5	395.8	394.3	395.8
180°	393.5	393.5	393.5	393.5	393.5	393.5	393.5	393.5	393.5	393.5	393.5

TEST NUMBER: P1000181

CATALOG NUMBER: SA2XXRDIP-B865D725UB27-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	1881.8	1881.8	1881.8	1881.8	1881.8	1881.8	1881.8	1881.8	1881.8	1881.8	1881.8
2.5°	1983.8	1974.7	1972.0	1974.7	1972.0	1973.3	1964.2	1930.2	1939.3	1925.0	1932.8
5°	2096.3	2088.4	2071.4	2068.8	2066.2	2063.6	2050.5	2020.4	2008.7	1989.0	1987.7
7.5°	2203.5	2203.5	2190.4	2181.3	2169.5	2160.4	2143.4	2098.9	2080.6	2057.0	2044.0
10°	2309.4	2275.4	2289.8	2280.7	2251.9	2246.7	2215.3	2189.1	2153.8	2130.3	2109.4
12.5°	2385.3	2374.8	2361.7	2353.9	2346.0	2329.0	2308.1	2241.4	2223.1	2176.0	2152.5
15°	2382.7	2376.1	2380.1	2380.1	2377.4	2373.5	2356.5	2308.1	2276.7	2231.0	2190.4
17.5°	2254.5	2271.5	2288.5	2300.3	2326.4	2338.2	2353.9	2325.1	2305.5	2266.3	2223.1
20°	2030.9	2072.7	2122.4	2132.9	2156.4	2225.7	2257.1	2282.0	2289.8	2276.7	2241.4
22.5°	1719.7	1755.0	1875.3	1872.7	1906.7	1989.0	2080.6	2155.1	2214.0	2246.7	2233.6
25°	1347.0	1396.6	1460.7	1509.1	1620.3	1743.2	1857.0	1976.0	2078.0	2168.2	2190.4
27.5°	1018.7	1084.1	1135.1	1199.2	1255.4	1400.6	1547.0	1732.7	1851.7	2023.0	2112.0
30°	823.9	853.9	904.9	935.0	962.5	1073.6	1239.7	1422.8	1632.0	1829.5	1982.5
32.5°	703.6	724.5	762.4	775.5	804.2	878.8	983.4	1150.8	1366.6	1605.9	1807.3
35°	631.6	653.9	661.7	673.5	697.0	744.1	816.0	937.6	1132.5	1366.6	1607.2
37.5°	570.2	581.9	604.2	612.0	619.9	655.2	703.6	788.6	918.0	1110.3	1377.0
40°	527.0	533.5	545.3	551.9	557.1	581.9	625.1	682.6	778.1	924.6	1170.4
42.5°	481.2	489.1	496.9	504.8	511.3	530.9	557.1	612.0	676.1	787.2	965.1
45°	436.8	442.0	451.2	456.4	465.5	481.2	504.8	542.7	600.2	670.9	814.7
47.5°	396.2	402.8	406.7	413.2	419.8	436.8	459.0	483.9	530.9	600.2	704.9
50°	359.6	367.5	372.7	374.0	379.2	394.9	413.2	440.7	470.8	524.4	615.9
52.5°	333.5	334.8	338.7	343.9	342.6	351.8	368.8	389.7	421.1	464.2	530.9
55°	303.4	307.3	309.9	311.2	311.2	319.1	328.2	347.9	372.7	408.0	464.2
57.5°	265.5	269.4	277.2	279.9	283.8	287.7	291.6	304.7	325.6	359.6	405.4
60°	226.2	228.9	236.7	241.9	244.5	255.0	260.2	270.7	282.5	307.3	350.5
62.5°	181.8	184.4	188.3	193.5	198.8	214.5	227.5	238.0	247.2	264.2	299.5
65°	158.2	159.5	162.2	163.5	164.8	171.3	183.1	197.5	214.5	227.5	248.5
67.5°	137.3	138.6	139.9	142.5	143.8	145.2	150.4	154.3	171.3	189.6	205.3
70°	117.7	120.3	121.6	121.6	122.9	125.5	128.2	133.4	138.6	147.8	167.4
72.5°	99.4	100.7	103.3	103.3	103.3	105.9	108.5	111.2	113.8	119.0	126.8
75°	82.4	85.0	85.0	85.0	86.3	86.3	88.9	91.5	94.2	98.1	100.7
77.5°	68.0	68.0	68.0	68.0	69.3	69.3	70.6	73.2	74.5	75.8	78.5
80°	51.0	52.3	52.3	52.3	53.6	53.6	53.6	56.2	57.5	57.5	60.2
82.5°	37.9	37.9	37.9	39.2	37.9	39.2	39.2	40.5	39.2	40.5	41.8
85°	23.5	23.5	23.5	24.8	24.8	24.8	24.8	24.8	24.8	24.8	26.2
87.5°	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	13.1	11.8	11.8
90°	25.0	25.0	25.0	24.6	24.2	22.7	24.2	25.0	25.7	25.0	20.4
92.5°	46.9	49.9	50.7	53.8	56.8	65.1	76.4	97.6	116.5	115.0	89.3
95°	87.8	93.8	103.7	112.0	120.3	152.1	198.3	259.6	296.7	262.6	174.8
97.5°	157.4	172.5	202.1	224.8	247.5	323.9	405.6	487.4	483.6	373.8	232.3
100°	306.5	339.0	401.8	447.6	493.4	597.1	690.9	706.8	597.8	411.7	248.2
102.5°	576.7	638.0	707.6	756.8	806.0	874.8	877.8	788.5	601.6	397.3	249.0
105°	896.0	942.9	989.8	1002.3	1014.8	1005.0	919.5	762.1	560.8	377.6	252.8
107.5°	1098.8	1105.6	1106.4	1091.2	1076.1	1002.0	874.8	706.1	522.9	367.0	261.1
110°	1154.8	1140.4	1107.9	1076.9	1045.9	949.0	813.5	653.8	497.2	364.0	271.7

TEST NUMBER: P1000181

CATALOG NUMBER: SA2XXRDIP-B865D725UB27-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	1139.7	1113.2	1064.8	1028.1	991.4	886.2	757.5	617.5	480.5	364.8	283.0
115°	1095.8	1061.0	1007.3	968.3	929.3	830.2	713.6	588.8	469.2	367.8	294.4
117.5°	1040.6	1003.5	948.2	911.2	874.1	781.7	677.3	569.1	463.1	372.3	306.5
120°	983.0	947.5	894.5	860.0	825.6	745.4	651.6	554.0	457.8	376.9	318.6
122.5°	931.6	896.8	850.6	820.4	790.1	715.1	631.1	541.1	454.8	382.2	329.2
125°	885.4	856.7	812.8	784.4	756.0	689.4	611.5	529.0	451.0	387.5	340.5
127.5°	846.1	818.8	780.2	753.8	727.3	663.7	591.8	517.6	448.8	392.8	351.1
130°	810.5	784.8	747.7	722.7	697.7	638.0	572.9	506.3	447.2	398.8	361.0
132.5°	775.7	750.0	713.6	690.6	667.5	613.7	554.7	497.2	446.5	404.9	370.8
135°	737.8	712.9	680.3	659.2	638.0	588.0	538.1	488.9	445.7	409.4	379.1
137.5°	699.3	677.3	646.3	627.3	608.4	567.6	524.4	482.8	445.7	414.0	386.0
140°	659.9	640.2	616.0	599.4	582.7	547.9	511.6	477.5	445.0	417.0	391.2
142.5°	625.8	608.4	585.7	572.4	559.2	530.5	501.0	472.2	445.0	419.2	395.8
145°	592.5	579.7	561.5	550.6	539.6	516.1	491.1	467.7	443.5	420.8	399.6
147.5°	566.1	555.5	539.6	531.2	522.9	504.0	483.6	463.1	441.2	421.5	401.8
150°	541.8	532.8	521.4	514.6	507.8	491.9	475.2	457.1	438.9	420.8	403.4
152.5°	522.2	514.6	506.3	500.6	494.9	482.1	466.9	451.8	435.1	419.2	404.1
155°	504.8	499.5	491.1	487.0	482.8	471.5	459.4	445.0	430.6	417.7	404.9
157.5°	488.1	483.6	477.5	474.1	470.7	460.9	450.3	438.9	426.1	414.7	404.9
160°	473.0	469.2	463.9	461.2	458.6	450.3	442.0	432.1	421.5	412.4	404.9
162.5°	458.6	456.3	451.0	449.1	447.2	440.4	433.6	426.1	417.7	410.2	404.1
165°	445.0	442.0	438.9	437.4	435.9	430.6	425.3	419.2	412.4	407.1	402.6
167.5°	431.4	429.8	428.3	426.8	425.3	421.5	417.0	412.4	407.9	404.1	401.8
170°	420.8	418.5	417.7	417.0	416.2	413.2	410.9	407.1	404.1	401.8	400.3
172.5°	410.2	409.4	408.7	408.3	407.9	405.6	404.1	401.8	399.6	398.8	398.1
175°	402.6	401.8	401.8	401.5	401.1	400.3	399.6	397.3	396.5	395.8	396.5
177.5°	396.5	396.5	396.5	396.5	396.5	395.8	395.8	394.3	393.5	394.3	395.8
180°	393.5	393.5	393.5	393.5	393.5	393.5	393.5	393.5	393.5	393.5	393.5

TEST NUMBER: P1000181

CATALOG NUMBER: SA2XXRDIP-B865D725UB27-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
0°	1881.8	1881.8	1881.8	1881.8	1881.8	1881.8	1881.8	1881.8	1881.8	1881.8	1881.8
2.5°	1921.0	1914.5	1914.5	1910.6	1910.6	1889.7	1889.7	1896.2	1888.3	1879.2	1866.1
5°	1970.7	1956.3	1952.4	1947.2	1930.2	1904.0	1893.6	1889.7	1874.0	1854.3	1832.1
7.5°	2017.8	1994.3	1982.5	1970.7	1948.5	1911.9	1891.0	1876.6	1853.0	1823.0	1794.2
10°	2063.6	2033.5	2003.4	1989.0	1957.7	1911.9	1881.8	1858.3	1824.3	1783.7	1743.2
12.5°	2105.4	2042.7	2037.4	2008.7	1962.9	1910.6	1864.8	1830.8	1787.7	1740.6	1693.5
15°	2142.0	2078.0	2046.6	2020.4	1960.3	1894.9	1846.5	1804.7	1747.1	1693.5	1636.0
17.5°	2160.4	2091.0	2070.1	2027.0	1965.5	1880.5	1815.1	1764.1	1701.3	1637.3	1571.9
20°	2178.7	2097.6	2063.6	2033.5	1949.8	1853.0	1779.8	1721.0	1651.7	1575.8	1503.9
22.5°	2187.8	2097.6	2057.0	2015.2	1934.1	1823.0	1736.7	1667.3	1586.3	1509.1	1422.8
25°	2172.1	2089.7	2041.4	1998.2	1906.7	1786.3	1687.0	1608.5	1522.2	1434.6	1347.0
27.5°	2132.9	2071.4	2015.2	1970.7	1868.7	1739.3	1634.7	1545.7	1456.8	1358.7	1269.8
30°	2059.7	2032.2	1987.7	1938.0	1826.9	1697.4	1573.2	1481.6	1383.6	1285.5	1192.6
32.5°	1945.9	1969.4	1940.7	1897.5	1777.2	1639.9	1507.8	1415.0	1307.7	1201.8	1116.8
35°	1807.3	1891.0	1875.3	1845.2	1724.9	1578.4	1446.3	1333.9	1226.6	1119.4	1034.4
37.5°	1655.6	1782.4	1795.5	1777.2	1664.7	1515.6	1370.5	1260.6	1150.8	1042.3	955.9
40°	1447.6	1642.5	1684.3	1692.2	1602.0	1439.8	1288.1	1180.9	1072.3	966.4	861.8
42.5°	1256.7	1502.6	1554.9	1587.6	1522.2	1365.3	1212.3	1093.3	986.0	890.6	785.9
45°	1077.6	1333.9	1418.9	1460.7	1432.0	1280.3	1122.0	1010.9	912.8	825.2	724.5
47.5°	893.2	1150.8	1269.8	1336.5	1336.5	1193.9	1035.7	925.9	831.7	757.2	668.2
50°	770.2	984.7	1107.6	1195.3	1218.8	1106.3	957.3	850.0	761.1	680.0	612.0
52.5°	656.5	848.7	950.7	1042.3	1110.3	1012.2	869.6	772.9	685.2	609.4	555.8
55°	567.6	711.4	804.2	904.9	980.8	916.7	784.6	690.5	614.6	551.9	506.1
57.5°	482.5	608.1	683.9	772.9	853.9	805.6	699.6	618.6	551.9	496.9	456.4
60°	410.6	512.6	571.5	640.8	741.5	707.5	619.9	545.3	491.7	442.0	408.0
62.5°	349.2	430.2	479.9	529.6	621.2	605.5	537.5	479.9	434.2	392.3	363.5
65°	286.4	353.1	392.3	435.5	508.7	515.2	460.3	419.8	377.9	341.3	315.2
67.5°	231.5	283.8	319.1	355.7	414.5	432.9	394.9	360.9	325.6	295.5	272.0
70°	187.0	223.6	249.8	278.5	326.9	349.2	329.5	306.0	277.2	252.4	231.5
72.5°	147.8	171.3	187.0	209.2	248.5	270.7	269.4	248.5	227.5	210.5	193.5
75°	108.5	126.8	139.9	154.3	185.7	206.6	211.9	202.7	181.8	168.7	155.6
77.5°	82.4	92.8	99.4	109.8	132.1	150.4	158.2	155.6	141.2	130.8	121.6
80°	62.8	65.4	68.0	71.9	90.2	107.2	112.5	111.2	103.3	99.4	88.9
82.5°	44.5	45.8	47.1	48.4	54.9	69.3	74.5	77.2	70.6	66.7	57.5
85°	26.2	27.5	27.5	30.1	31.4	35.3	44.5	44.5	43.2	37.9	36.6
87.5°	13.1	13.1	11.8	11.8	13.1	14.4	17.0	19.6	17.0	15.7	14.4
90°	15.1	11.4	10.2	9.1	7.6	6.1	3.0	0.8	3.0	6.1	7.6
92.5°	60.5	40.1	36.0	31.8	25.7	21.9	15.9	11.4	15.9	21.9	25.7
95°	109.0	74.2	65.1	56.0	43.9	37.1	29.5	26.5	29.5	37.1	43.9
97.5°	140.8	96.1	85.9	75.7	62.1	52.2	43.9	39.4	43.9	52.2	62.1
100°	155.9	115.8	105.2	94.6	79.5	67.4	60.5	58.3	60.5	67.4	79.5
102.5°	169.5	133.2	122.6	112.0	96.1	84.0	77.2	75.7	77.2	84.0	96.1
105°	185.4	149.8	139.2	128.7	112.0	100.6	95.4	92.3	95.4	100.6	112.0
107.5°	201.3	166.5	155.9	145.3	128.7	118.1	112.8	110.5	112.8	118.1	128.7
110°	217.2	183.9	172.9	161.9	146.1	136.2	131.7	128.7	131.7	136.2	146.1

TEST NUMBER: P1000181

CATALOG NUMBER: SA2XXRDIP-B865D725UB27-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
112.5°	232.3	200.5	189.2	177.8	162.7	153.6	148.3	145.3	148.3	153.6	162.7
115°	248.2	215.7	205.4	195.2	180.1	171.0	166.5	162.7	166.5	171.0	180.1
117.5°	262.6	232.3	221.7	211.1	196.8	188.4	183.9	180.9	183.9	188.4	196.8
120°	277.7	248.2	237.6	227.0	211.9	205.1	200.5	197.5	200.5	205.1	211.9
122.5°	292.1	264.9	253.9	242.9	227.8	220.2	215.7	213.4	215.7	220.2	227.8
125°	306.5	279.2	268.6	258.1	242.9	233.8	229.3	227.0	229.3	233.8	242.9
127.5°	320.1	293.6	282.6	271.7	257.3	247.5	241.4	238.4	241.4	247.5	257.3
130°	332.2	305.7	295.1	284.5	269.4	258.8	251.2	248.2	251.2	258.8	269.4
132.5°	342.8	317.8	307.2	296.7	280.8	269.4	261.1	257.3	261.1	269.4	280.8
135°	352.7	328.4	317.8	307.2	289.8	278.5	269.4	266.4	269.4	278.5	289.8
137.5°	361.0	336.8	327.0	317.1	299.7	287.6	278.5	274.7	278.5	287.6	299.7
140°	367.8	345.1	335.2	325.4	308.8	296.7	287.6	284.5	287.6	296.7	308.8
142.5°	373.1	351.1	342.0	333.0	317.1	305.0	296.7	294.4	296.7	305.0	317.1
145°	378.4	358.0	349.6	341.3	326.2	314.8	307.2	304.2	307.2	314.8	326.2
147.5°	382.9	363.2	355.6	348.1	335.2	324.7	317.1	314.8	317.1	324.7	335.2
150°	386.0	368.5	361.7	354.9	343.6	333.7	327.7	325.4	327.7	333.7	343.6
152.5°	389.0	373.8	367.8	361.7	351.1	342.8	336.8	336.0	336.8	342.8	351.1
155°	392.0	379.1	373.5	367.8	359.5	351.1	346.6	345.8	346.6	351.1	359.5
157.5°	394.3	382.9	378.0	373.1	366.3	358.7	354.9	354.2	354.9	358.7	366.3
160°	395.8	386.7	382.5	378.4	372.3	366.3	363.2	362.5	363.2	366.3	372.3
162.5°	396.5	389.0	386.0	382.9	377.6	373.1	370.1	370.8	370.1	373.1	377.6
165°	397.3	390.5	388.2	386.0	382.2	377.6	376.1	376.9	376.1	377.6	382.2
167.5°	397.3	392.0	390.5	389.0	386.0	382.9	381.4	382.2	381.4	382.9	386.0
170°	396.5	392.8	391.6	390.5	389.0	386.7	386.0	387.5	386.0	386.7	389.0
172.5°	395.8	393.5	392.8	392.0	391.2	389.0	389.7	390.5	389.7	389.0	391.2
175°	395.0	393.5	393.2	392.8	392.8	391.2	392.0	392.8	392.0	391.2	392.8
177.5°	394.3	393.5	393.5	393.5	393.5	392.0	392.8	394.3	392.8	392.0	393.5
180°	393.5	393.5	393.5	393.5	393.5	393.5	393.5	393.5	393.5	393.5	393.5

TEST NUMBER: P1000181

CATALOG NUMBER: SA2XXRDIP-B865D725UB27-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
0°	1881.8	1881.8	1881.8	1881.8	1881.8	1881.8	1881.8	1881.8	1881.8	1881.8	1881.8
2.5°	1860.9	1862.2	1866.1	1854.3	1836.0	1828.2	1804.7	1800.7	1796.8	1796.8	1800.7
5°	1819.0	1813.8	1815.1	1792.9	1766.7	1751.0	1718.3	1723.6	1706.6	1696.1	1698.7
7.5°	1773.3	1758.9	1757.6	1728.8	1696.1	1667.3	1633.3	1625.5	1609.8	1591.5	1583.6
10°	1715.7	1705.3	1685.7	1653.0	1611.1	1587.6	1541.8	1514.3	1510.4	1483.0	1472.5
12.5°	1656.9	1638.6	1619.0	1573.2	1526.1	1488.2	1454.2	1424.1	1403.2	1379.6	1364.0
15°	1588.9	1566.6	1544.4	1496.0	1441.1	1403.2	1352.2	1307.7	1246.3	1197.9	1170.4
17.5°	1514.3	1489.5	1459.4	1405.8	1352.2	1299.9	1205.7	1153.4	1110.3	1081.5	1064.5
20°	1437.2	1409.7	1379.6	1326.0	1233.2	1141.6	1089.3	1048.8	1022.6	993.9	972.9
22.5°	1356.1	1327.3	1294.6	1210.9	1112.9	1048.8	1008.3	970.3	932.4	916.7	906.3
25°	1280.3	1254.1	1212.3	1098.5	1021.3	962.5	916.7	891.9	872.2	851.3	831.7
27.5°	1201.8	1153.4	1094.6	999.1	950.7	890.6	857.9	839.6	805.6	791.2	782.0
30°	1107.6	1054.0	997.8	929.8	873.6	831.7	801.6	771.6	751.9	737.6	721.9
32.5°	1012.2	961.2	925.9	855.2	813.4	770.2	741.5	723.2	694.4	685.2	678.7
35°	929.8	886.6	855.2	797.7	758.5	719.2	698.3	670.9	652.6	635.6	625.1
37.5°	848.7	825.2	792.5	744.1	702.2	670.9	642.1	632.9	608.1	598.9	588.5
40°	792.5	757.2	729.7	687.9	652.6	618.6	600.2	579.3	562.3	547.9	544.0
42.5°	724.5	698.3	682.6	636.9	600.2	580.6	558.4	534.9	521.8	510.0	495.6
45°	673.5	649.9	627.7	591.1	558.4	533.5	513.9	498.2	476.0	470.8	448.5
47.5°	619.9	596.3	579.3	542.7	512.6	489.1	474.7	453.8	435.5	423.7	413.2
50°	566.2	546.6	530.9	499.5	473.4	448.5	428.9	408.0	400.2	380.5	374.0
52.5°	515.2	502.2	485.2	455.1	428.9	408.0	387.1	370.1	358.3	347.9	340.0
55°	472.1	451.2	443.3	410.6	388.4	366.2	347.9	337.4	323.0	316.5	309.9
57.5°	423.7	411.9	398.9	374.0	349.2	328.2	315.2	299.5	291.6	283.8	278.5
60°	381.9	364.9	354.4	333.5	311.2	291.6	279.9	268.1	257.6	251.1	240.6
62.5°	333.5	320.4	313.9	291.6	273.3	255.0	244.5	232.8	224.9	213.2	200.1
65°	291.6	281.2	273.3	255.0	238.0	221.0	210.5	196.2	185.7	179.2	177.8
67.5°	255.0	247.2	235.4	218.4	201.4	188.3	176.5	164.8	163.5	160.8	160.8
70°	214.5	206.6	200.1	181.8	167.4	153.0	150.4	146.5	142.5	141.2	138.6
72.5°	179.2	172.6	164.8	149.1	134.7	130.8	128.2	125.5	121.6	120.3	119.0
75°	145.2	136.0	130.8	116.4	112.5	109.8	107.2	103.3	100.7	99.4	96.8
77.5°	111.2	102.0	102.0	94.2	91.5	87.6	85.0	82.4	81.1	78.5	78.5
80°	78.5	78.5	75.8	71.9	68.0	66.7	62.8	61.5	60.2	61.5	58.8
82.5°	57.5	52.3	52.3	49.7	47.1	45.8	43.2	43.2	41.8	41.8	41.8
85°	32.7	32.7	31.4	28.8	27.5	27.5	26.2	26.2	24.8	24.8	23.5
87.5°	13.1	11.8	13.1	11.8	11.8	10.5	10.5	10.5	9.2	10.5	9.2
90°	9.1	10.2	11.4	15.1	20.4	25.0	25.7	25.0	24.2	22.7	24.2
92.5°	31.8	36.0	40.1	60.5	89.3	115.0	116.5	97.6	76.4	65.1	56.8
95°	56.0	65.1	74.2	109.0	174.8	262.6	296.7	259.6	198.3	152.1	120.3
97.5°	75.7	85.9	96.1	140.8	232.3	373.8	483.6	487.4	405.6	323.9	247.5
100°	94.6	105.2	115.8	155.9	248.2	411.7	597.8	706.8	690.9	597.1	493.4
102.5°	112.0	122.6	133.2	169.5	249.0	397.3	601.6	788.5	877.8	874.8	806.0
105°	128.7	139.2	149.8	185.4	252.8	377.6	560.8	762.1	919.5	1005.0	1014.8
107.5°	145.3	155.9	166.5	201.3	261.1	367.0	522.9	706.1	874.8	1002.0	1076.1
110°	161.9	172.9	183.9	217.2	271.7	364.0	497.2	653.8	813.5	949.0	1045.9

TEST NUMBER: P1000181

CATALOG NUMBER: SA2XXRDIP-B865D725UB27-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
112.5°	177.8	189.2	200.5	232.3	283.0	364.8	480.5	617.5	757.5	886.2	991.4
115°	195.2	205.4	215.7	248.2	294.4	367.8	469.2	588.8	713.6	830.2	929.3
117.5°	211.1	221.7	232.3	262.6	306.5	372.3	463.1	569.1	677.3	781.7	874.1
120°	227.0	237.6	248.2	277.7	318.6	376.9	457.8	554.0	651.6	745.4	825.6
122.5°	242.9	253.9	264.9	292.1	329.2	382.2	454.8	541.1	631.1	715.1	790.1
125°	258.1	268.6	279.2	306.5	340.5	387.5	451.0	529.0	611.5	689.4	756.0
127.5°	271.7	282.6	293.6	320.1	351.1	392.8	448.8	517.6	591.8	663.7	727.3
130°	284.5	295.1	305.7	332.2	361.0	398.8	447.2	506.3	572.9	638.0	697.7
132.5°	296.7	307.2	317.8	342.8	370.8	404.9	446.5	497.2	554.7	613.7	667.5
135°	307.2	317.8	328.4	352.7	379.1	409.4	445.7	488.9	538.1	588.0	638.0
137.5°	317.1	327.0	336.8	361.0	386.0	414.0	445.7	482.8	524.4	567.6	608.4
140°	325.4	335.2	345.1	367.8	391.2	417.0	445.0	477.5	511.6	547.9	582.7
142.5°	333.0	342.0	351.1	373.1	395.8	419.2	445.0	472.2	501.0	530.5	559.2
145°	341.3	349.6	358.0	378.4	399.6	420.8	443.5	467.7	491.1	516.1	539.6
147.5°	348.1	355.6	363.2	382.9	401.8	421.5	441.2	463.1	483.6	504.0	522.9
150°	354.9	361.7	368.5	386.0	403.4	420.8	438.9	457.1	475.2	491.9	507.8
152.5°	361.7	367.8	373.8	389.0	404.1	419.2	435.1	451.8	466.9	482.1	494.9
155°	367.8	373.5	379.1	392.0	404.9	417.7	430.6	445.0	459.4	471.5	482.8
157.5°	373.1	378.0	382.9	394.3	404.9	414.7	426.1	438.9	450.3	460.9	470.7
160°	378.4	382.5	386.7	395.8	404.9	412.4	421.5	432.1	442.0	450.3	458.6
162.5°	382.9	386.0	389.0	396.5	404.1	410.2	417.7	426.1	433.6	440.4	447.2
165°	386.0	388.2	390.5	397.3	402.6	407.1	412.4	419.2	425.3	430.6	435.9
167.5°	389.0	390.5	392.0	397.3	401.8	404.1	407.9	412.4	417.0	421.5	425.3
170°	390.5	391.6	392.8	396.5	400.3	401.8	404.1	407.1	410.9	413.2	416.2
172.5°	392.0	392.8	393.5	395.8	398.1	398.8	399.6	401.8	404.1	405.6	407.9
175°	392.8	393.2	393.5	395.0	396.5	395.8	396.5	397.3	399.6	400.3	401.1
177.5°	393.5	393.5	393.5	394.3	395.8	394.3	393.5	394.3	395.8	395.8	396.5
180°	393.5	393.5	393.5	393.5	393.5	393.5	393.5	393.5	393.5	393.5	393.5

TEST NUMBER: P1000181

CATALOG NUMBER: SA2XXRDIP-B865D725UB27-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
0°	1881.8	1881.8	1881.8	1881.8	1881.8	1881.8	1881.8	1881.8	1881.8	1881.8	1881.8
2.5°	1800.7	1798.1	1790.3	1792.9	1789.0	1789.0	1786.3	1786.3	1786.3	1792.9	1789.0
5°	1702.7	1693.5	1684.3	1680.4	1676.5	1672.6	1672.6	1671.3	1683.0	1680.4	1690.9
7.5°	1581.0	1578.4	1560.1	1560.1	1553.6	1551.0	1557.5	1558.8	1560.1	1562.7	1569.3
10°	1472.5	1466.0	1439.8	1442.4	1438.5	1433.3	1437.2	1434.6	1443.7	1446.3	1443.7
12.5°	1344.3	1332.6	1303.8	1289.4	1273.7	1261.9	1276.3	1265.9	1302.5	1313.0	1341.7
15°	1174.3	1152.1	1132.5	1132.5	1118.1	1107.6	1114.2	1125.9	1133.8	1145.6	1150.8
17.5°	1060.6	1051.4	1035.7	1026.6	1022.6	1018.7	1018.7	1023.9	1040.9	1039.6	1050.1
20°	963.8	958.6	950.7	938.9	935.0	932.4	932.4	932.4	944.2	954.6	961.2
22.5°	897.1	893.2	887.9	872.2	864.4	861.8	868.3	872.2	881.4	889.2	895.8
25°	830.4	821.2	812.1	806.9	802.9	802.9	805.6	806.9	810.8	814.7	822.6
27.5°	775.5	768.9	755.9	741.5	741.5	737.6	740.2	742.8	751.9	765.0	771.6
30°	714.0	712.7	707.5	702.2	697.0	694.4	699.6	703.6	704.9	711.4	711.4
32.5°	669.6	660.4	651.2	646.0	643.4	642.1	643.4	648.6	648.6	656.5	665.6
35°	625.1	619.9	610.7	601.6	598.9	592.4	597.6	602.9	612.0	615.9	619.9
37.5°	576.7	570.2	566.2	563.6	558.4	559.7	555.8	563.6	571.5	570.2	572.8
40°	540.1	528.3	516.5	515.2	513.9	512.6	512.6	513.9	519.2	524.4	532.2
42.5°	493.0	489.1	478.6	468.2	465.5	462.9	460.3	465.5	476.0	485.2	489.1
45°	444.6	439.4	436.8	428.9	423.7	422.4	419.8	426.3	435.5	439.4	442.0
47.5°	400.2	398.9	391.0	392.3	388.4	389.7	388.4	392.3	392.3	396.2	398.9
50°	370.1	366.2	362.2	359.6	355.7	355.7	354.4	355.7	360.9	366.2	364.9
52.5°	340.0	333.5	332.2	330.9	328.2	330.9	326.9	328.2	333.5	336.1	334.8
55°	304.7	303.4	300.8	298.2	296.9	295.5	295.5	295.5	300.8	304.7	306.0
57.5°	277.2	270.7	265.5	265.5	260.2	258.9	261.5	262.9	266.8	269.4	272.0
60°	239.3	236.7	228.9	224.9	217.1	215.8	215.8	221.0	227.5	236.7	239.3
62.5°	198.8	194.9	193.5	193.5	193.5	193.5	193.5	193.5	193.5	194.9	194.9
65°	176.5	177.8	176.5	175.2	176.5	176.5	175.2	175.2	175.2	176.5	177.8
67.5°	158.2	156.9	158.2	156.9	155.6	155.6	154.3	155.6	156.9	158.2	158.2
70°	137.3	137.3	136.0	137.3	136.0	134.7	133.4	133.4	136.0	137.3	137.3
72.5°	117.7	117.7	116.4	116.4	113.8	113.8	115.1	113.8	113.8	117.7	117.7
75°	98.1	96.8	95.5	95.5	94.2	94.2	94.2	92.8	95.5	95.5	96.8
77.5°	77.2	77.2	77.2	75.8	75.8	74.5	74.5	75.8	75.8	75.8	77.2
80°	58.8	58.8	58.8	57.5	56.2	56.2	56.2	56.2	56.2	57.5	56.2
82.5°	40.5	40.5	40.5	40.5	40.5	39.2	39.2	39.2	40.5	40.5	39.2
85°	24.8	23.5	24.8	24.8	23.5	24.8	23.5	23.5	22.2	22.2	23.5
87.5°	10.5	9.2	7.8	7.8	9.2	7.8	7.8	7.8	9.2	7.8	7.8
90°	24.6	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	24.6
92.5°	53.8	50.7	49.9	46.9	47.7	46.2	47.7	46.9	49.9	50.7	53.8
95°	112.0	103.7	93.8	87.8	85.5	86.3	85.5	87.8	93.8	103.7	112.0
97.5°	224.8	202.1	172.5	157.4	149.1	144.5	149.1	157.4	172.5	202.1	224.8
100°	447.6	401.8	339.0	306.5	284.5	270.9	284.5	306.5	339.0	401.8	447.6
102.5°	756.8	707.6	638.0	576.7	547.9	528.2	547.9	576.7	638.0	707.6	756.8
105°	1002.3	989.8	942.9	896.0	863.5	852.9	863.5	896.0	942.9	989.8	1002.3
107.5°	1091.2	1106.4	1105.6	1098.8	1089.0	1071.6	1089.0	1098.8	1105.6	1106.4	1091.2
110°	1076.9	1107.9	1140.4	1154.8	1161.6	1160.9	1161.6	1154.8	1140.4	1107.9	1076.9

TEST NUMBER: P1000181

CATALOG NUMBER: SA2XXRDIP-B865D725UB27-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
112.5°	1028.1	1064.8	1113.2	1139.7	1154.1	1159.4	1154.1	1139.7	1113.2	1064.8	1028.1
115°	968.3	1007.3	1061.0	1095.8	1115.5	1122.3	1115.5	1095.8	1061.0	1007.3	968.3
117.5°	911.2	948.2	1003.5	1040.6	1061.0	1066.3	1061.0	1040.6	1003.5	948.2	911.2
120°	860.0	894.5	947.5	983.0	1005.0	1012.6	1005.0	983.0	947.5	894.5	860.0
122.5°	820.4	850.6	896.8	931.6	950.5	956.6	950.5	931.6	896.8	850.6	820.4
125°	784.4	812.8	856.7	885.4	904.3	910.4	904.3	885.4	856.7	812.8	784.4
127.5°	753.8	780.2	818.8	846.1	862.7	867.3	862.7	846.1	818.8	780.2	753.8
130°	722.7	747.7	784.8	810.5	825.6	831.7	825.6	810.5	784.8	747.7	722.7
132.5°	690.6	713.6	750.0	775.7	789.3	794.6	789.3	775.7	750.0	713.6	690.6
135°	659.2	680.3	712.9	737.8	751.5	754.5	751.5	737.8	712.9	680.3	659.2
137.5°	627.3	646.3	677.3	699.3	711.4	715.9	711.4	699.3	677.3	646.3	627.3
140°	599.4	616.0	640.2	659.9	671.3	675.8	671.3	659.9	640.2	616.0	599.4
142.5°	572.4	585.7	608.4	625.8	635.7	635.7	635.7	625.8	608.4	585.7	572.4
145°	550.6	561.5	579.7	592.5	600.1	602.4	600.1	592.5	579.7	561.5	550.6
147.5°	531.2	539.6	555.5	566.1	571.4	572.9	571.4	566.1	555.5	539.6	531.2
150°	514.6	521.4	532.8	541.8	546.4	547.1	546.4	541.8	532.8	521.4	514.6
152.5°	500.6	506.3	514.6	522.2	525.2	525.2	525.2	522.2	514.6	506.3	500.6
155°	487.0	491.1	499.5	504.8	507.8	506.3	507.8	504.8	499.5	491.1	487.0
157.5°	474.1	477.5	483.6	488.1	489.6	489.6	489.6	488.1	483.6	477.5	474.1
160°	461.2	463.9	469.2	473.0	473.7	473.7	473.7	473.0	469.2	463.9	461.2
162.5°	449.1	451.0	456.3	458.6	459.4	458.6	459.4	458.6	456.3	451.0	449.1
165°	437.4	438.9	442.0	445.0	445.0	444.2	445.0	445.0	442.0	438.9	437.4
167.5°	426.8	428.3	429.8	431.4	431.4	430.6	431.4	431.4	429.8	428.3	426.8
170°	417.0	417.7	418.5	420.8	420.0	418.5	420.0	420.8	418.5	417.7	417.0
172.5°	408.3	408.7	409.4	410.2	409.4	408.7	409.4	410.2	409.4	408.7	408.3
175°	401.5	401.8	401.8	402.6	401.8	400.3	401.8	402.6	401.8	401.8	401.5
177.5°	396.5	396.5	396.5	396.5	395.8	394.3	395.8	396.5	396.5	396.5	396.5
180°	393.5	393.5	393.5	393.5	393.5	393.5	393.5	393.5	393.5	393.5	393.5

TEST NUMBER: P1000181

CATALOG NUMBER: SA2XXRDIP-B865D725UB27-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
0°	1881.8	1881.8	1881.8	1881.8	1881.8	1881.8	1881.8	1881.8	1881.8	1881.8	1881.8
2.5°	1792.9	1799.4	1796.8	1782.4	1796.8	1800.7	1808.6	1816.4	1821.7	1829.5	1836.0
5°	1680.4	1693.5	1701.3	1693.5	1719.7	1723.6	1741.9	1752.3	1768.0	1781.1	1791.6
7.5°	1574.5	1585.0	1600.6	1603.3	1619.0	1637.3	1663.4	1689.6	1714.4	1727.5	1739.3
10°	1460.7	1479.0	1502.6	1497.3	1520.9	1549.6	1577.1	1619.0	1639.9	1663.4	1684.3
12.5°	1347.0	1358.7	1390.1	1400.6	1434.6	1456.8	1494.7	1520.9	1573.2	1600.6	1619.0
15°	1148.2	1196.6	1235.8	1282.9	1327.3	1369.2	1403.2	1450.3	1496.0	1517.0	1547.0
17.5°	1057.9	1080.2	1103.7	1127.3	1184.8	1259.3	1319.5	1370.5	1409.7	1437.2	1472.5
20°	963.8	986.0	1012.2	1034.4	1069.7	1123.3	1197.9	1285.5	1332.6	1361.3	1395.3
22.5°	897.1	918.0	935.0	954.6	982.1	1021.3	1077.6	1186.1	1248.9	1284.2	1314.3
25°	825.2	851.3	869.6	884.0	906.3	949.4	995.2	1056.6	1169.1	1196.6	1238.4
27.5°	775.5	783.3	804.2	826.5	848.7	872.2	919.3	971.6	1047.5	1107.6	1158.6
30°	716.6	736.2	755.9	765.0	784.6	818.6	847.4	903.6	962.5	1009.6	1071.0
32.5°	672.2	683.9	697.0	719.2	737.6	761.1	789.9	836.9	886.6	916.7	963.8
35°	622.5	630.3	657.8	666.9	685.2	708.8	737.6	774.2	827.8	851.3	885.3
37.5°	575.4	593.7	601.6	622.5	639.5	663.0	683.9	725.8	761.1	788.6	819.9
40°	538.8	546.6	561.0	579.3	593.7	612.0	638.2	668.2	706.2	728.4	755.9
42.5°	494.3	500.9	519.2	529.6	553.2	570.2	585.9	622.5	656.5	673.5	700.9
45°	445.9	461.6	473.4	494.3	507.4	528.3	547.9	574.1	605.5	625.1	640.8
47.5°	404.1	419.8	431.5	451.2	472.1	481.2	502.2	529.6	558.4	574.1	596.3
50°	370.1	375.3	397.5	406.7	428.9	447.2	461.6	485.2	516.5	525.7	544.0
52.5°	337.4	341.3	355.7	367.5	387.1	402.8	421.1	443.3	469.5	483.9	498.2
55°	308.6	311.2	317.8	330.9	343.9	363.5	380.5	401.5	423.7	439.4	452.5
57.5°	275.9	281.2	286.4	294.2	307.3	325.6	343.9	363.5	381.9	392.3	409.3
60°	238.0	245.9	255.0	264.2	273.3	286.4	307.3	325.6	342.6	351.8	364.9
62.5°	197.5	213.2	221.0	231.5	239.3	251.1	266.8	287.7	299.5	311.2	321.7
65°	177.8	179.2	180.5	190.9	205.3	217.1	231.5	247.2	265.5	273.3	281.2
67.5°	158.2	159.5	162.2	163.5	168.7	181.8	197.5	214.5	228.9	234.1	241.9
70°	138.6	138.6	143.8	145.2	146.5	147.8	160.8	177.8	190.9	197.5	206.6
72.5°	117.7	119.0	121.6	122.9	125.5	128.2	132.1	141.2	156.9	163.5	173.9
75°	96.8	98.1	99.4	100.7	104.6	105.9	109.8	115.1	121.6	129.5	136.0
77.5°	77.2	77.2	78.5	81.1	83.7	85.0	88.9	91.5	94.2	98.1	103.3
80°	57.5	58.8	58.8	61.5	61.5	62.8	64.1	68.0	70.6	73.2	75.8
82.5°	39.2	41.8	41.8	41.8	43.2	44.5	45.8	45.8	48.4	49.7	53.6
85°	23.5	24.8	24.8	24.8	23.5	26.2	26.2	27.5	27.5	27.5	28.8
87.5°	9.2	7.8	9.2	9.2	9.2	10.5	9.2	9.2	10.5	11.8	11.8
90°	24.2	22.7	24.2	25.0	25.7	25.0	20.4	15.1	11.4	10.2	9.1
92.5°	56.8	65.1	76.4	97.6	116.5	115.0	89.3	60.5	40.1	36.0	31.8
95°	120.3	152.1	198.3	259.6	296.7	262.6	174.8	109.0	74.2	65.1	56.0
97.5°	247.5	323.9	405.6	487.4	483.6	373.8	232.3	140.8	96.1	85.9	75.7
100°	493.4	597.1	690.9	706.8	597.8	411.7	248.2	155.9	115.8	105.2	94.6
102.5°	806.0	874.8	877.8	788.5	601.6	397.3	249.0	169.5	133.2	122.6	112.0
105°	1014.8	1005.0	919.5	762.1	560.8	377.6	252.8	185.4	149.8	139.2	128.7
107.5°	1076.1	1002.0	874.8	706.1	522.9	367.0	261.1	201.3	166.5	155.9	145.3
110°	1045.9	949.0	813.5	653.8	497.2	364.0	271.7	217.2	183.9	172.9	161.9

TEST NUMBER: P1000181

CATALOG NUMBER: SA2XXRDIP-B865D725UB27-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
112.5°	991.4	886.2	757.5	617.5	480.5	364.8	283.0	232.3	200.5	189.2	177.8
115°	929.3	830.2	713.6	588.8	469.2	367.8	294.4	248.2	215.7	205.4	195.2
117.5°	874.1	781.7	677.3	569.1	463.1	372.3	306.5	262.6	232.3	221.7	211.1
120°	825.6	745.4	651.6	554.0	457.8	376.9	318.6	277.7	248.2	237.6	227.0
122.5°	790.1	715.1	631.1	541.1	454.8	382.2	329.2	292.1	264.9	253.9	242.9
125°	756.0	689.4	611.5	529.0	451.0	387.5	340.5	306.5	279.2	268.6	258.1
127.5°	727.3	663.7	591.8	517.6	448.8	392.8	351.1	320.1	293.6	282.6	271.7
130°	697.7	638.0	572.9	506.3	447.2	398.8	361.0	332.2	305.7	295.1	284.5
132.5°	667.5	613.7	554.7	497.2	446.5	404.9	370.8	342.8	317.8	307.2	296.7
135°	638.0	588.0	538.1	488.9	445.7	409.4	379.1	352.7	328.4	317.8	307.2
137.5°	608.4	567.6	524.4	482.8	445.7	414.0	386.0	361.0	336.8	327.0	317.1
140°	582.7	547.9	511.6	477.5	445.0	417.0	391.2	367.8	345.1	335.2	325.4
142.5°	559.2	530.5	501.0	472.2	445.0	419.2	395.8	373.1	351.1	342.0	333.0
145°	539.6	516.1	491.1	467.7	443.5	420.8	399.6	378.4	358.0	349.6	341.3
147.5°	522.9	504.0	483.6	463.1	441.2	421.5	401.8	382.9	363.2	355.6	348.1
150°	507.8	491.9	475.2	457.1	438.9	420.8	403.4	386.0	368.5	361.7	354.9
152.5°	494.9	482.1	466.9	451.8	435.1	419.2	404.1	389.0	373.8	367.8	361.7
155°	482.8	471.5	459.4	445.0	430.6	417.7	404.9	392.0	379.1	373.5	367.8
157.5°	470.7	460.9	450.3	438.9	426.1	414.7	404.9	394.3	382.9	378.0	373.1
160°	458.6	450.3	442.0	432.1	421.5	412.4	404.9	395.8	386.7	382.5	378.4
162.5°	447.2	440.4	433.6	426.1	417.7	410.2	404.1	396.5	389.0	386.0	382.9
165°	435.9	430.6	425.3	419.2	412.4	407.1	402.6	397.3	390.5	388.2	386.0
167.5°	425.3	421.5	417.0	412.4	407.9	404.1	401.8	397.3	392.0	390.5	389.0
170°	416.2	413.2	410.9	407.1	404.1	401.8	400.3	396.5	392.8	391.6	390.5
172.5°	407.9	405.6	404.1	401.8	399.6	398.8	398.1	395.8	393.5	392.8	392.0
175°	401.1	400.3	399.6	397.3	396.5	395.8	396.5	395.0	393.5	393.2	392.8
177.5°	396.5	395.8	395.8	394.3	393.5	394.3	395.8	394.3	393.5	393.5	393.5
180°	393.5	393.5	393.5	393.5	393.5	393.5	393.5	393.5	393.5	393.5	393.5

TEST NUMBER: P1000181

CATALOG NUMBER: SA2XXRDIP-B865D725UB27-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
0°	1881.8	1881.8	1881.8	1881.8
2.5°	1847.8	1843.9	1867.4	1893.6
5°	1809.9	1816.4	1846.5	1883.1
7.5°	1770.7	1785.0	1820.3	1868.7
10°	1715.7	1741.9	1795.5	1845.2
12.5°	1662.1	1697.4	1748.4	1807.3
15°	1602.0	1641.2	1704.0	1774.6
17.5°	1535.3	1579.7	1653.0	1730.1
20°	1464.6	1523.5	1600.6	1684.3
22.5°	1386.2	1456.8	1536.6	1629.4
25°	1310.3	1387.5	1467.3	1574.5
27.5°	1235.8	1311.6	1400.6	1509.1
30°	1161.3	1230.6	1326.0	1442.4
32.5°	1081.5	1153.4	1254.1	1373.1
35°	1008.3	1080.2	1174.3	1292.0
37.5°	929.8	1006.9	1097.2	1218.8
40°	838.2	928.5	1016.1	1132.5
42.5°	762.4	857.9	942.9	1052.7
45°	702.2	792.5	863.1	970.3
47.5°	646.0	719.2	791.2	890.6
50°	592.4	648.6	723.2	812.1
52.5°	537.5	585.9	649.9	733.6
55°	487.8	533.5	591.1	655.2
57.5°	442.0	474.7	532.2	589.8
60°	391.0	425.0	469.5	517.9
62.5°	347.9	374.0	415.9	456.4
65°	302.1	326.9	358.3	396.2
67.5°	260.2	282.5	307.3	337.4
70°	222.3	239.3	257.6	283.8
72.5°	181.8	200.1	217.1	238.0
75°	149.1	156.9	171.3	185.7
77.5°	115.1	125.5	133.4	145.2
80°	82.4	91.5	94.2	103.3
82.5°	54.9	60.2	65.4	68.0
85°	31.4	34.0	39.2	40.5
87.5°	11.8	13.1	15.7	18.3
90°	7.6	6.1	3.0	0.8
92.5°	25.7	21.9	15.9	11.4
95°	43.9	37.1	29.5	26.5
97.5°	62.1	52.2	43.9	39.4
100°	79.5	67.4	60.5	58.3
102.5°	96.1	84.0	77.2	75.7
105°	112.0	100.6	95.4	92.3
107.5°	128.7	118.1	112.8	110.5
110°	146.1	136.2	131.7	128.7

TEST NUMBER: P1000181

CATALOG NUMBER: SA2XXRDIP-B865D725UB27-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
112.5°	162.7	153.6	148.3	145.3
115°	180.1	171.0	166.5	162.7
117.5°	196.8	188.4	183.9	180.9
120°	211.9	205.1	200.5	197.5
122.5°	227.8	220.2	215.7	213.4
125°	242.9	233.8	229.3	227.0
127.5°	257.3	247.5	241.4	238.4
130°	269.4	258.8	251.2	248.2
132.5°	280.8	269.4	261.1	257.3
135°	289.8	278.5	269.4	266.4
137.5°	299.7	287.6	278.5	274.7
140°	308.8	296.7	287.6	284.5
142.5°	317.1	305.0	296.7	294.4
145°	326.2	314.8	307.2	304.2
147.5°	335.2	324.7	317.1	314.8
150°	343.6	333.7	327.7	325.4
152.5°	351.1	342.8	336.8	336.0
155°	359.5	351.1	346.6	345.8
157.5°	366.3	358.7	354.9	354.2
160°	372.3	366.3	363.2	362.5
162.5°	377.6	373.1	370.1	370.8
165°	382.2	377.6	376.1	376.9
167.5°	386.0	382.9	381.4	382.2
170°	389.0	386.7	386.0	387.5
172.5°	391.2	389.0	389.7	390.5
175°	392.8	391.2	392.0	392.8
177.5°	393.5	392.0	392.8	394.3
180°	393.5	393.5	393.5	393.5

(END OF REPORT)