

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: P1000117

Luminaire Tested: SA2XXRDIP-B865D330UB30-4F0-XX-W2A-A4

Issue Date: 5/7/2025

Test Information

Test Method: LM-79-2019
Report Number: P1000117
REPORT IS A COMBINATION OF REPORTS P988677 AND P1007351
Test Lab: INNOVATION CENTER
Issue Date: 5/7/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: NEO-RAY
Catalog Number: SA2XXRDIP-B865D330UB30-4F0-XX-W2A-A4
Description: Define 2 Regressed Direct/Indirect Pendant with 3000K BioUP LEDs {m-DER=0.589}
{m-EER=0.647}
Light Source: -
Ballast/Driver: -

Summary

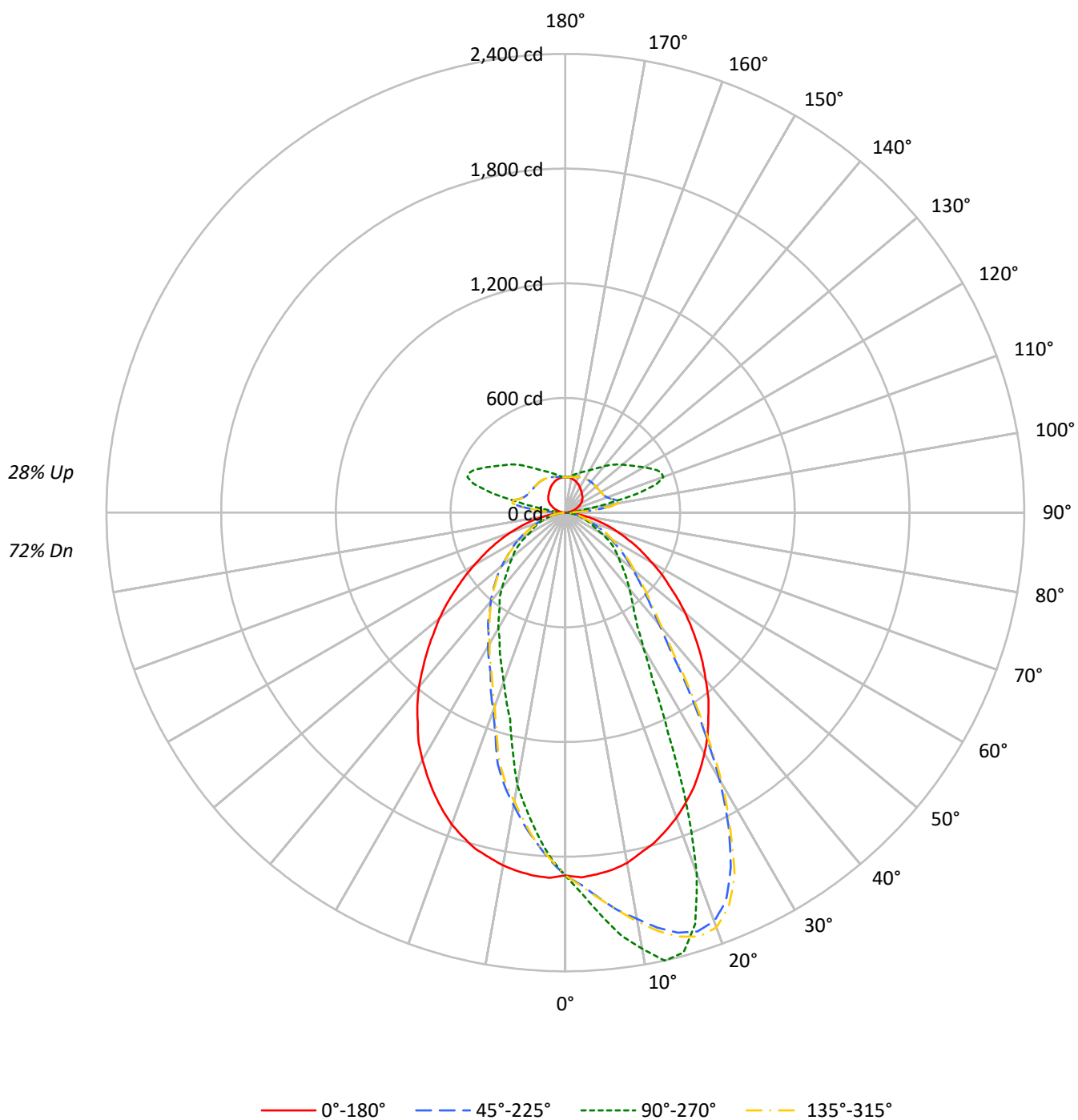
Lumens per Lamp: N/A
Luminaire Lumens: 4568.0 lumens
Efficiency: N/A
Efficacy: 81.4 lumens/watt
Spacing Criteria (0/90/45): 1.16 / 0.85 / 1.01
Luminous Opening: Rectangular w/ Sides (W: 0.17' x L: 4' x H: 0.1')
CIE Type: Semi-Direct

Input Watts (W): 56.1
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	112	112	112	112	106	106	106	106	95	95	95	85	85	85	76	76	76	76	76	72
1	104	100	96	93	98	95	92	89	85	83	81	77	75	73	69	68	67	67	67	63
2	95	89	83	78	90	84	79	75	76	72	69	69	66	63	62	60	58	58	58	54
3	88	79	72	66	83	75	69	64	69	64	59	62	58	55	56	53	51	51	51	48
4	81	71	63	58	77	68	61	56	62	56	52	56	52	48	51	48	45	45	45	42
5	75	64	56	50	71	61	54	49	56	50	46	51	47	43	47	43	40	40	40	37
6	70	58	50	45	66	56	49	43	51	45	41	47	42	38	43	39	36	36	36	34
7	65	53	45	40	62	51	44	39	47	41	37	43	38	35	40	36	33	33	33	30
8	61	49	41	36	58	47	40	35	43	38	33	40	35	32	37	33	30	30	30	28
9	57	45	38	33	54	43	37	32	40	34	30	37	32	29	34	30	27	27	27	25
10	54	42	35	30	51	40	34	29	37	32	28	35	30	26	32	28	25	25	25	23

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	30044	30044	30044	30044
5°	30114	31912	30218	25494
10°	29783	33729	29994	21052
15°	29137	33740	29630	15816
20°	28359	27889	28976	13048
25°	27418	17427	28008	11101
30°	26213	11158	26926	9556
35°	24750	8575	25551	8178
40°	23117	7208	24105	7153
45°	21375	6136	22268	6004
50°	19588	5213	20501	5194
55°	17608	4529	18556	4471
60°	15849	3455	16690	3412
65°	14209	2600	15052	2950
70°	12394	2077	13365	2404
75°	10478	1591	11434	1818
80°	8319	1081	8950	1192
85°	5777	557	6328	590

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 165°

Vertical Angle: 45°

Luminance: 27484 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	180.0	3.9
10°-20°	502.5	11.0
20°-30°	646.7	14.2
30°-40°	613.5	13.4
40°-50°	525.8	11.5
50°-60°	400.4	8.8
60°-70°	252.5	5.5
70°-80°	126.0	2.8
80°-90°	33.6	0.7
90°-100°	72.0	1.6
100°-110°	253.7	5.6
110°-120°	266.4	5.8
120°-130°	219.2	4.8
130°-140°	176.1	3.9
140°-150°	133.0	2.9
150°-160°	93.5	2.0
160°-170°	55.0	1.2
170°-180°	17.9	0.4
0°-30°	1329.3	29.1
0°-40°	1942.8	42.5
0°-60°	2869.1	62.8
0°-90°	3281.2	71.8
90°-120°	592.1	13.0
90°-150°	1120.4	24.5
90°-180°	1287.0	28.2
0°-180°	4568.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1898	1898	1898	1898	1898	
5°	1899	2112	1906	1687	1899	180
15°	1790	2383	1820	1117	1790	504
25°	1588	1272	1622	810	1588	729
35°	1303	626	1345	598	1303	815
45°	979	435	1020	426	979	755
55°	661	302	696	298	661	596
65°	400	157	423	178	400	397
75°	187	83	204	95	187	203
85°	41	24	45	25	41	46
90°	0	12	0	12	0	3
95°	12	40	12	40	12	13
105°	43	400	43	400	43	46
115°	76	527	76	527	76	76
125°	107	428	107	428	107	95
135°	125	354	125	354	125	97
145°	143	283	143	283	143	90
155°	162	238	162	238	162	75
165°	177	209	177	209	177	50
175°	184	188	184	188	184	18
180°	185	185	185	185	185	

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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	1898.0	1898.0	1898.0	1898.0	1898.0	1898.0	1898.0	1898.0	1898.0	1898.0	1898.0
2.5°	1909.9	1917.8	1921.8	1927.0	1938.9	1946.8	1958.7	1961.3	1960.0	1965.3	1950.8
5°	1899.3	1916.5	1932.3	1945.5	1966.6	1979.8	1994.3	2011.4	2015.4	2035.2	2023.3
7.5°	1884.8	1909.9	1932.3	1958.7	1990.3	2007.5	2029.9	2056.3	2068.2	2091.9	2098.5
10°	1861.1	1896.7	1934.9	1962.6	2006.2	2036.5	2057.6	2099.8	2127.5	2163.1	2157.9
12.5°	1822.8	1869.0	1920.4	1966.6	2023.3	2043.1	2082.7	2126.2	2161.8	2194.8	2223.8
15°	1789.9	1842.6	1899.3	1956.0	2020.7	2057.6	2097.2	2153.9	2192.1	2250.2	2275.2
17.5°	1745.0	1812.3	1879.5	1942.9	2019.4	2061.6	2110.4	2165.8	2222.5	2277.9	2297.7
20°	1698.8	1771.4	1843.9	1929.7	2016.7	2057.6	2107.7	2176.3	2231.7	2275.2	2275.2
22.5°	1643.4	1731.8	1814.9	1896.7	1991.7	2051.0	2102.5	2182.9	2222.5	2231.7	2196.1
25°	1588.1	1676.4	1767.4	1869.0	1977.2	2029.9	2087.9	2163.1	2176.3	2139.4	2047.1
27.5°	1522.1	1621.0	1723.9	1833.4	1946.8	2012.8	2065.5	2115.6	2090.6	1991.7	1847.9
30°	1454.8	1561.7	1677.7	1781.9	1919.1	1979.8	2024.6	2039.1	1960.0	1799.1	1613.1
32.5°	1384.9	1489.1	1611.8	1737.1	1875.6	1933.6	1962.6	1924.4	1779.3	1576.2	1349.3
35°	1303.2	1420.5	1548.5	1679.1	1816.2	1859.8	1876.9	1783.3	1597.3	1334.8	1109.3
37.5°	1229.3	1346.7	1483.9	1617.1	1750.3	1774.0	1756.9	1610.5	1374.4	1114.5	894.3
40°	1142.2	1267.5	1402.1	1551.1	1660.6	1667.2	1625.0	1435.0	1142.2	898.2	762.4
42.5°	1061.8	1188.4	1322.9	1474.6	1557.7	1535.3	1478.6	1229.3	953.6	774.2	664.8
45°	978.7	1098.7	1243.8	1378.3	1437.7	1384.9	1299.2	1034.1	800.6	666.1	581.7
47.5°	898.2	1010.3	1154.1	1283.4	1293.9	1234.6	1133.0	866.6	693.8	585.6	517.0
50°	819.1	931.2	1065.7	1172.6	1162.0	1080.2	965.5	753.1	602.8	517.0	460.3
52.5°	739.9	841.5	972.1	1056.5	1011.7	932.5	819.1	638.4	526.3	451.1	407.6
55°	660.8	755.8	867.9	937.8	866.6	775.6	695.1	547.4	456.4	395.7	362.7
57.5°	594.9	670.0	772.9	815.1	729.4	658.2	588.3	470.9	395.7	352.2	313.9
60°	522.3	590.9	675.3	700.4	612.0	554.0	494.6	398.3	339.0	300.7	275.7
62.5°	460.3	517.0	581.7	581.7	503.9	460.3	415.5	333.7	284.9	254.6	242.7
65°	399.7	440.5	486.7	481.4	415.5	377.2	341.6	275.7	238.7	217.6	205.8
67.5°	340.3	372.0	402.3	383.8	336.3	303.4	270.4	222.9	197.8	183.3	167.5
70°	286.2	311.3	327.1	310.0	262.5	234.8	211.0	179.4	159.6	141.1	131.9
72.5°	240.1	250.6	255.9	234.8	195.2	179.4	162.2	139.8	122.7	113.4	110.8
75°	187.3	196.5	192.6	176.7	143.8	131.9	118.7	102.9	98.9	93.6	91.0
77.5°	146.4	146.4	139.8	125.3	102.9	93.6	88.4	80.5	76.5	75.2	72.5
80°	104.2	102.9	98.9	83.1	69.9	64.6	64.6	59.4	58.0	55.4	55.4
82.5°	68.6	68.6	63.3	50.1	46.2	44.8	43.5	40.9	40.9	39.6	39.6
85°	40.9	38.3	31.7	27.7	26.4	26.4	25.1	23.7	25.1	23.7	23.7
87.5°	18.5	14.5	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6
90°	0.4	1.4	2.8	3.6	4.3	4.8	5.3	7.1	9.6	11.7	12.1
92.5°	5.3	7.5	10.3	12.1	14.9	16.8	18.8	28.4	41.9	54.0	54.7
95°	12.4	13.9	17.4	20.6	26.3	30.6	34.8	51.2	82.1	123.3	139.3
97.5°	18.5	20.6	24.5	29.1	35.5	40.3	45.1	66.1	109.1	175.5	227.1
100°	27.4	28.4	31.6	37.3	44.4	49.4	54.4	73.2	116.6	193.3	280.7
102.5°	35.5	36.2	39.4	45.1	52.6	57.6	62.5	79.6	116.9	186.6	282.5
105°	43.4	44.8	47.3	52.6	60.4	65.4	70.4	87.1	118.7	177.3	263.3
107.5°	51.9	52.9	55.4	60.4	68.2	73.2	78.2	94.5	122.6	172.3	245.5
110°	60.4	61.8	64.0	68.6	76.0	81.2	86.3	102.0	127.6	170.9	233.5

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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	68.2	69.6	72.1	76.4	83.5	88.8	94.2	109.1	132.9	171.3	225.6
115°	76.4	78.2	80.3	84.6	91.7	96.5	101.3	116.6	138.2	172.7	220.3
117.5°	84.9	86.3	88.5	92.4	99.1	104.1	109.1	123.3	143.9	174.8	217.5
120°	92.7	94.2	96.3	99.5	106.6	111.6	116.6	130.4	149.6	177.0	215.0
122.5°	100.2	101.3	103.4	107.0	114.1	119.2	124.4	137.2	154.6	179.4	213.6
125°	106.6	107.7	109.8	114.1	121.2	126.2	131.1	143.9	159.9	181.9	211.8
127.5°	111.9	113.4	116.2	120.8	127.6	132.8	137.9	150.3	164.9	184.4	210.7
130°	116.6	118.0	121.5	126.5	133.6	138.6	143.6	156.0	169.5	187.3	210.0
132.5°	120.8	122.6	126.5	131.8	139.3	144.2	149.2	161.0	174.1	190.1	209.7
135°	125.1	126.5	130.8	136.1	144.3	149.2	154.2	165.6	178.0	192.2	209.3
137.5°	129.0	130.8	135.0	140.7	148.9	153.5	158.1	169.5	181.2	194.4	209.3
140°	133.6	135.0	139.3	145.0	152.8	157.4	162.0	172.7	183.7	195.8	208.9
142.5°	138.2	139.3	143.2	148.9	156.4	160.6	164.9	175.2	185.8	196.9	208.9
145°	142.8	144.3	147.8	153.2	160.3	164.2	168.1	177.7	187.6	197.6	208.2
147.5°	147.8	148.9	152.4	157.4	163.5	167.0	170.6	179.8	188.7	197.9	207.2
150°	152.8	153.9	156.7	161.3	166.7	169.9	173.1	181.2	189.4	197.6	206.1
152.5°	157.8	158.1	161.0	164.9	169.9	172.7	175.5	182.6	189.8	196.9	204.3
155°	162.4	162.7	164.9	168.8	172.7	175.4	178.0	184.1	190.1	196.2	202.2
157.5°	166.3	166.7	168.4	172.0	175.2	177.5	179.8	185.1	190.1	194.7	200.1
160°	170.2	170.6	172.0	174.8	177.7	179.6	181.6	185.8	190.1	193.7	197.9
162.5°	174.1	173.8	175.2	177.3	179.8	181.2	182.6	186.2	189.8	192.6	196.2
165°	177.0	176.6	177.3	179.4	181.2	182.3	183.4	186.6	189.0	191.2	193.7
167.5°	179.4	179.1	179.8	181.2	182.6	183.4	184.1	186.6	188.7	189.8	191.5
170°	181.9	181.2	181.6	182.6	183.4	183.9	184.4	186.2	188.0	188.7	189.8
172.5°	183.4	183.0	182.6	183.7	184.1	184.4	184.8	185.8	186.9	187.3	187.6
175°	184.4	184.1	183.7	184.4	184.4	184.6	184.8	185.5	186.2	185.8	186.2
177.5°	185.1	184.4	184.1	184.8	184.8	184.8	184.8	185.1	185.8	185.1	184.8
180°	184.8	184.8	184.8	184.8	184.8	184.8	184.8	184.8	184.8	184.8	184.8

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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	1898.0	1898.0	1898.0	1898.0	1898.0	1898.0	1898.0	1898.0	1898.0	1898.0	1898.0
2.5°	1965.3	1967.9	1971.9	1990.3	1993.0	1998.3	1995.6	1995.6	1996.9	1994.3	1995.6
5°	2049.7	2053.7	2073.4	2095.9	2101.1	2095.9	2102.5	2111.7	2111.7	2111.7	2109.0
7.5°	2128.8	2143.3	2165.8	2198.7	2205.3	2211.9	2223.8	2215.9	2218.5	2230.4	2226.4
10°	2205.3	2226.4	2251.5	2279.2	2293.7	2302.9	2308.2	2320.1	2347.8	2316.1	2328.0
12.5°	2277.9	2308.2	2334.6	2364.9	2375.5	2387.4	2391.3	2401.9	2401.9	2400.5	2409.8
15°	2325.4	2353.1	2376.8	2396.6	2399.2	2396.6	2393.9	2395.3	2399.2	2383.4	2392.6
17.5°	2335.9	2338.6	2346.5	2338.6	2339.9	2312.2	2296.3	2292.4	2255.5	2256.8	2287.1
20°	2284.5	2239.6	2227.8	2184.2	2157.9	2086.6	2084.0	2064.2	1986.4	2010.1	2004.8
22.5°	2143.3	2066.8	1965.3	1915.2	1890.1	1814.9	1756.9	1716.0	1688.3	1660.6	1648.7
25°	1957.4	1833.4	1689.6	1590.7	1576.2	1506.3	1399.4	1349.3	1290.0	1271.5	1303.2
27.5°	1717.3	1556.4	1394.2	1242.5	1214.8	1151.5	1097.4	1061.8	993.2	989.2	991.9
30°	1391.5	1229.3	1093.4	994.5	925.9	896.9	861.3	834.9	807.2	817.8	820.4
32.5°	1143.6	989.2	862.6	809.9	778.2	759.7	729.4	712.2	700.4	696.4	695.1
35°	908.8	805.9	749.2	697.7	679.3	666.1	643.7	635.7	625.2	626.5	626.5
37.5°	778.2	692.5	650.3	623.9	606.7	600.1	585.6	577.7	571.1	568.5	572.4
40°	671.4	612.0	585.6	561.9	547.4	544.7	536.8	527.6	519.7	521.0	525.0
42.5°	593.5	559.2	527.6	509.1	498.6	494.6	488.0	481.4	481.4	477.5	476.2
45°	531.5	503.9	477.5	460.3	453.7	448.5	440.5	439.2	433.9	435.3	436.6
47.5°	476.2	453.7	433.9	416.8	410.2	408.9	401.0	395.7	395.7	394.4	393.1
50°	426.0	403.6	386.5	377.2	368.0	365.4	364.0	362.7	360.1	360.1	361.4
52.5°	385.1	362.7	349.5	341.6	336.3	333.7	333.7	332.4	332.4	332.4	331.1
55°	340.3	321.8	311.3	308.6	306.0	304.7	303.4	300.7	299.4	302.0	299.4
57.5°	298.1	291.5	282.3	279.6	273.0	273.0	269.1	266.4	263.8	266.4	266.4
60°	265.1	255.9	250.6	242.7	237.4	232.1	225.5	224.2	221.6	220.3	219.0
62.5°	230.8	222.9	209.7	197.8	189.9	184.7	182.0	180.7	180.7	179.4	179.4
65°	192.6	174.1	167.5	163.6	162.2	160.9	158.3	157.0	158.3	157.0	158.3
67.5°	150.4	147.7	143.8	141.1	139.8	138.5	138.5	137.2	137.2	137.2	137.2
70°	130.6	124.0	122.7	120.0	120.0	118.7	118.7	118.7	118.7	117.4	120.0
72.5°	108.2	104.2	102.9	101.6	101.6	101.6	100.2	100.2	100.2	98.9	100.2
75°	88.4	87.1	84.4	84.4	83.1	84.4	83.1	83.1	81.8	83.1	83.1
77.5°	71.2	69.9	68.6	68.6	67.3	67.3	67.3	67.3	67.3	67.3	68.6
80°	54.1	52.8	51.4	52.8	51.4	52.8	51.4	51.4	52.8	51.4	51.4
82.5°	39.6	38.3	38.3	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9
85°	23.7	22.4	22.4	23.7	22.4	23.7	22.4	22.4	22.4	23.7	23.7
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°	11.7	11.4	10.7	11.4	11.6	11.7	11.7	11.7	11.7	11.7	11.7
92.5°	45.8	35.9	30.6	26.7	25.2	23.8	23.5	22.0	22.4	21.7	22.4
95°	121.9	93.1	71.4	56.5	52.6	48.7	44.1	41.2	40.2	40.5	40.2
97.5°	228.8	190.5	152.1	116.2	105.6	94.9	81.0	73.9	70.0	67.9	70.0
100°	331.9	324.4	280.4	231.7	210.2	188.7	159.2	143.9	133.6	127.2	133.6
102.5°	370.3	412.2	410.8	378.4	355.3	332.2	299.6	270.8	257.3	248.0	257.3
105°	357.8	431.7	471.9	476.5	470.6	464.8	442.8	420.7	405.4	400.5	405.4
107.5°	331.5	410.8	470.5	505.3	512.4	519.5	519.2	516.0	511.3	503.2	511.3
110°	307.0	382.0	445.6	491.1	505.6	520.2	535.5	542.3	545.5	545.1	545.5

TEST NUMBER: P1000117

CATALOG NUMBER: SA2XXRDIP-B865D330UB30-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	290.0	355.7	416.1	465.5	482.8	500.0	522.7	535.2	541.9	544.4	541.9
115°	276.5	335.1	389.8	436.4	454.7	473.0	498.2	514.5	523.8	527.0	523.8
117.5°	267.2	318.0	367.1	410.4	427.8	445.2	471.2	488.6	498.2	500.7	498.2
120°	260.1	306.0	350.0	387.7	403.8	420.0	444.9	461.6	471.9	475.5	471.9
122.5°	254.1	296.4	335.8	371.0	385.2	399.4	421.1	437.4	446.3	449.2	446.3
125°	248.4	287.1	323.7	355.0	368.3	381.6	402.3	415.8	424.6	427.5	424.6
127.5°	243.1	277.9	311.6	341.5	354.0	366.4	384.5	397.3	405.1	407.2	405.1
130°	237.7	269.0	299.6	327.6	339.4	351.1	368.5	380.6	387.7	390.5	387.7
132.5°	233.5	260.5	288.2	313.4	324.2	335.1	352.1	364.2	370.6	373.1	370.6
135°	229.6	252.7	276.1	299.6	309.6	319.5	334.7	346.5	352.9	354.3	352.9
137.5°	226.7	246.3	266.5	285.7	294.6	303.5	318.0	328.3	334.0	336.2	334.0
140°	224.2	240.2	257.3	273.6	281.5	289.3	300.6	309.9	315.2	317.3	315.2
142.5°	221.7	235.2	249.1	262.6	268.8	275.0	285.7	293.9	298.5	298.5	298.5
145°	219.6	230.6	242.3	253.4	258.6	263.7	272.2	278.2	281.8	282.9	281.8
147.5°	217.5	227.1	236.7	245.5	249.4	253.4	260.8	265.8	268.3	269.0	268.3
150°	214.6	223.2	231.0	238.4	241.6	244.8	250.2	254.4	256.6	256.9	256.6
152.5°	212.1	219.2	226.4	232.4	235.0	237.7	241.6	245.2	246.6	246.6	246.6
155°	208.9	215.7	221.4	226.7	228.6	230.6	234.5	237.0	238.4	237.7	238.4
157.5°	206.1	211.4	216.4	221.0	222.6	224.2	227.1	229.2	229.9	229.9	229.9
160°	202.9	207.5	211.4	215.3	216.6	217.8	220.3	222.1	222.4	222.4	222.4
162.5°	200.1	203.6	206.8	210.0	210.9	211.8	214.3	215.3	215.7	215.3	215.7
165°	196.9	199.7	202.2	204.7	205.4	206.1	207.5	208.9	208.9	208.6	208.9
167.5°	193.7	195.8	197.9	199.7	200.4	201.1	201.8	202.5	202.5	202.2	202.5
170°	191.2	193.0	194.0	195.4	195.8	196.2	196.5	197.6	197.2	196.5	197.2
172.5°	188.7	189.8	190.5	191.5	191.7	191.9	192.2	192.6	192.2	191.9	192.2
175°	186.6	187.6	188.0	188.3	188.5	188.7	188.7	189.0	188.7	188.0	188.7
177.5°	185.1	185.8	185.8	186.2	186.2	186.2	186.2	186.2	185.8	185.1	185.8
180°	184.8	184.8	184.8	184.8	184.8	184.8	184.8	184.8	184.8	184.8	184.8

TEST NUMBER: P1000117

CATALOG NUMBER: SA2XXRDIP-B865D330UB30-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	1898.0	1898.0	1898.0	1898.0	1898.0	1898.0	1898.0	1898.0	1898.0	1898.0	1898.0
2.5°	2000.9	1991.7	1989.0	1991.7	1989.0	1990.3	1981.1	1946.8	1956.0	1941.5	1949.5
5°	2114.3	2106.4	2089.3	2086.6	2084.0	2081.4	2068.2	2037.8	2026.0	2006.2	2004.8
7.5°	2222.5	2222.5	2209.3	2200.1	2188.2	2179.0	2161.8	2117.0	2098.5	2074.8	2061.6
10°	2329.3	2295.0	2309.5	2300.3	2271.3	2266.0	2234.4	2208.0	2172.4	2148.6	2127.5
12.5°	2405.8	2395.3	2382.1	2374.2	2366.2	2349.1	2328.0	2260.7	2242.3	2194.8	2171.0
15°	2403.2	2396.6	2400.5	2400.5	2397.9	2393.9	2376.8	2328.0	2296.3	2250.2	2209.3
17.5°	2273.9	2291.1	2308.2	2320.1	2346.5	2358.3	2374.2	2345.1	2325.4	2285.8	2242.3
20°	2048.4	2090.6	2140.7	2151.3	2175.0	2244.9	2276.6	2301.6	2309.5	2296.3	2260.7
22.5°	1734.5	1770.1	1891.4	1888.8	1923.1	2006.2	2098.5	2173.7	2233.0	2266.0	2252.8
25°	1358.5	1408.7	1473.3	1522.1	1634.2	1758.2	1873.0	1993.0	2095.9	2186.9	2209.3
27.5°	1027.5	1093.4	1144.9	1209.5	1266.2	1412.6	1560.4	1747.6	1867.7	2040.5	2130.2
30°	831.0	861.3	912.7	943.1	970.8	1082.9	1250.4	1435.0	1646.1	1845.3	1999.6
32.5°	709.6	730.7	769.0	782.2	811.2	886.4	991.9	1160.7	1378.3	1619.7	1822.8
35°	637.1	659.5	667.4	679.3	703.0	750.5	823.0	945.7	1142.2	1378.3	1621.0
37.5°	575.1	586.9	609.4	617.3	625.2	660.8	709.6	795.3	925.9	1119.8	1388.9
40°	531.5	538.1	550.0	556.6	561.9	586.9	630.5	688.5	784.8	932.5	1180.5
42.5°	485.4	493.3	501.2	509.1	515.7	535.5	561.9	617.3	681.9	794.0	973.4
45°	440.5	445.8	455.0	460.3	469.6	485.4	509.1	547.4	605.4	676.6	821.7
47.5°	399.7	406.2	410.2	416.8	423.4	440.5	463.0	488.0	535.5	605.4	710.9
50°	362.7	370.6	375.9	377.2	382.5	398.3	416.8	444.5	474.8	528.9	621.2
52.5°	336.3	337.7	341.6	346.9	345.6	354.8	372.0	393.1	424.7	468.2	535.5
55°	306.0	310.0	312.6	313.9	313.9	321.8	331.1	350.8	375.9	411.5	468.2
57.5°	267.8	271.7	279.6	282.3	286.2	290.2	294.1	307.3	328.4	362.7	408.9
60°	228.2	230.8	238.7	244.0	246.6	257.2	262.5	273.0	284.9	310.0	353.5
62.5°	183.3	186.0	189.9	195.2	200.5	216.3	229.5	240.1	249.3	266.4	302.0
65°	159.6	160.9	163.6	164.9	166.2	172.8	184.7	199.2	216.3	229.5	250.6
67.5°	138.5	139.8	141.1	143.8	145.1	146.4	151.7	155.6	172.8	191.3	207.1
70°	118.7	121.3	122.7	122.7	124.0	126.6	129.3	134.5	139.8	149.0	168.8
72.5°	100.2	101.6	104.2	104.2	104.2	106.8	109.5	112.1	114.8	120.0	127.9
75°	83.1	85.7	85.7	85.7	87.1	87.1	89.7	92.3	95.0	98.9	101.6
77.5°	68.6	68.6	68.6	68.6	69.9	69.9	71.2	73.9	75.2	76.5	79.1
80°	51.4	52.8	52.8	52.8	54.1	54.1	54.1	56.7	58.0	58.0	60.7
82.5°	38.3	38.3	38.3	39.6	38.3	39.6	39.6	40.9	39.6	40.9	42.2
85°	23.7	23.7	23.7	25.1	25.1	25.1	25.1	25.1	25.1	25.1	26.4
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°	11.7	11.7	11.7	11.6	11.4	10.7	11.4	11.7	12.1	11.7	9.6
92.5°	22.0	23.5	23.8	25.2	26.7	30.6	35.9	45.8	54.7	54.0	41.9
95°	41.2	44.1	48.7	52.6	56.5	71.4	93.1	121.9	139.3	123.3	82.1
97.5°	73.9	81.0	94.9	105.6	116.2	152.1	190.5	228.8	227.1	175.5	109.1
100°	143.9	159.2	188.7	210.2	231.7	280.4	324.4	331.9	280.7	193.3	116.6
102.5°	270.8	299.6	332.2	355.3	378.4	410.8	412.2	370.3	282.5	186.6	116.9
105°	420.7	442.8	464.8	470.6	476.5	471.9	431.7	357.8	263.3	177.3	118.7
107.5°	516.0	519.2	519.5	512.4	505.3	470.5	410.8	331.5	245.5	172.3	122.6
110°	542.3	535.5	520.2	505.6	491.1	445.6	382.0	307.0	233.5	170.9	127.6

TEST NUMBER: P1000117

CATALOG NUMBER: SA2XXRDIP-B865D330UB30-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	535.2	522.7	500.0	482.8	465.5	416.1	355.7	290.0	225.6	171.3	132.9
115°	514.5	498.2	473.0	454.7	436.4	389.8	335.1	276.5	220.3	172.7	138.2
117.5°	488.6	471.2	445.2	427.8	410.4	367.1	318.0	267.2	217.5	174.8	143.9
120°	461.6	444.9	420.0	403.8	387.7	350.0	306.0	260.1	215.0	177.0	149.6
122.5°	437.4	421.1	399.4	385.2	371.0	335.8	296.4	254.1	213.6	179.4	154.6
125°	415.8	402.3	381.6	368.3	355.0	323.7	287.1	248.4	211.8	181.9	159.9
127.5°	397.3	384.5	366.4	354.0	341.5	311.6	277.9	243.1	210.7	184.4	164.9
130°	380.6	368.5	351.1	339.4	327.6	299.6	269.0	237.7	210.0	187.3	169.5
132.5°	364.2	352.1	335.1	324.2	313.4	288.2	260.5	233.5	209.7	190.1	174.1
135°	346.5	334.7	319.5	309.6	299.6	276.1	252.7	229.6	209.3	192.2	178.0
137.5°	328.3	318.0	303.5	294.6	285.7	266.5	246.3	226.7	209.3	194.4	181.2
140°	309.9	300.6	289.3	281.5	273.6	257.3	240.2	224.2	208.9	195.8	183.7
142.5°	293.9	285.7	275.0	268.8	262.6	249.1	235.2	221.7	208.9	196.9	185.8
145°	278.2	272.2	263.7	258.6	253.4	242.3	230.6	219.6	208.2	197.6	187.6
147.5°	265.8	260.8	253.4	249.4	245.5	236.7	227.1	217.5	207.2	197.9	188.7
150°	254.4	250.2	244.8	241.6	238.4	231.0	223.2	214.6	206.1	197.6	189.4
152.5°	245.2	241.6	237.7	235.0	232.4	226.4	219.2	212.1	204.3	196.9	189.8
155°	237.0	234.5	230.6	228.6	226.7	221.4	215.7	208.9	202.2	196.2	190.1
157.5°	229.2	227.1	224.2	222.6	221.0	216.4	211.4	206.1	200.1	194.7	190.1
160°	222.1	220.3	217.8	216.6	215.3	211.4	207.5	202.9	197.9	193.7	190.1
162.5°	215.3	214.3	211.8	210.9	210.0	206.8	203.6	200.1	196.2	192.6	189.8
165°	208.9	207.5	206.1	205.4	204.7	202.2	199.7	196.9	193.7	191.2	189.0
167.5°	202.5	201.8	201.1	200.4	199.7	197.9	195.8	193.7	191.5	189.8	188.7
170°	197.6	196.5	196.2	195.8	195.4	194.0	193.0	191.2	189.8	188.7	188.0
172.5°	192.6	192.2	191.9	191.7	191.5	190.5	189.8	188.7	187.6	187.3	186.9
175°	189.0	188.7	188.7	188.5	188.3	188.0	187.6	186.6	186.2	185.8	186.2
177.5°	186.2	186.2	186.2	186.2	186.2	185.8	185.8	185.1	184.8	185.1	185.8
180°	184.8	184.8	184.8	184.8	184.8	184.8	184.8	184.8	184.8	184.8	184.8

TEST NUMBER: P1000117

CATALOG NUMBER: SA2XXRDIP-B865D330UB30-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
0°	1898.0	1898.0	1898.0	1898.0	1898.0	1898.0	1898.0	1898.0	1898.0	1898.0	1898.0
2.5°	1937.6	1931.0	1931.0	1927.0	1927.0	1905.9	1905.9	1912.5	1904.6	1895.4	1882.2
5°	1987.7	1973.2	1969.2	1964.0	1946.8	1920.4	1909.9	1905.9	1890.1	1870.3	1847.9
7.5°	2035.2	2011.4	1999.6	1987.7	1965.3	1928.3	1907.2	1892.7	1869.0	1838.7	1809.6
10°	2081.4	2051.0	2020.7	2006.2	1974.5	1928.3	1898.0	1874.3	1840.0	1799.1	1758.2
12.5°	2123.6	2060.2	2055.0	2026.0	1979.8	1927.0	1880.9	1846.6	1803.0	1755.6	1708.1
15°	2160.5	2095.9	2064.2	2037.8	1977.2	1911.2	1862.4	1820.2	1762.2	1708.1	1650.0
17.5°	2179.0	2109.0	2087.9	2044.4	1982.4	1896.7	1830.7	1779.3	1716.0	1651.4	1585.4
20°	2197.4	2115.6	2081.4	2051.0	1966.6	1869.0	1795.1	1735.8	1665.9	1589.4	1516.8
22.5°	2206.7	2115.6	2074.8	2032.5	1950.8	1838.7	1751.6	1681.7	1599.9	1522.1	1435.0
25°	2190.8	2107.7	2058.9	2015.4	1923.1	1801.7	1701.5	1622.3	1535.3	1446.9	1358.5
27.5°	2151.3	2089.3	2032.5	1987.7	1884.8	1754.2	1648.7	1559.0	1469.3	1370.4	1280.7
30°	2077.4	2049.7	2004.8	1954.7	1842.6	1712.0	1586.7	1494.4	1395.5	1296.6	1202.9
32.5°	1962.6	1986.4	1957.4	1913.8	1792.5	1654.0	1520.8	1427.1	1319.0	1212.1	1126.4
35°	1822.8	1907.2	1891.4	1861.1	1739.7	1592.0	1458.8	1345.4	1237.2	1129.0	1043.3
37.5°	1669.8	1797.8	1811.0	1792.5	1679.1	1528.7	1382.3	1271.5	1160.7	1051.2	964.2
40°	1460.1	1656.6	1698.8	1706.8	1615.8	1452.2	1299.2	1191.0	1081.6	974.7	869.2
42.5°	1267.5	1515.5	1568.3	1601.2	1535.3	1377.0	1222.7	1102.7	994.5	898.2	792.7
45°	1086.8	1345.4	1431.1	1473.3	1444.3	1291.3	1131.7	1019.6	920.6	832.3	730.7
47.5°	900.9	1160.7	1280.7	1348.0	1348.0	1204.2	1044.6	933.8	838.9	763.7	674.0
50°	776.9	993.2	1117.2	1205.5	1229.3	1115.9	965.5	857.3	767.6	685.9	617.3
52.5°	662.1	856.0	958.9	1051.2	1119.8	1020.9	877.1	779.5	691.1	614.6	560.6
55°	572.4	717.5	811.2	912.7	989.2	924.6	791.4	696.4	619.9	556.6	510.4
57.5°	486.7	613.3	689.8	779.5	861.3	812.5	705.7	623.9	556.6	501.2	460.3
60°	414.2	517.0	576.4	646.3	747.9	713.6	625.2	550.0	495.9	445.8	411.5
62.5°	352.2	433.9	484.1	534.2	626.5	610.7	542.1	484.1	437.9	395.7	366.7
65°	288.9	356.1	395.7	439.2	513.1	519.7	464.3	423.4	381.2	344.3	317.9
67.5°	233.5	286.2	321.8	358.8	418.1	436.6	398.3	364.0	328.4	298.1	274.3
70°	188.6	225.5	251.9	280.9	329.7	352.2	332.4	308.6	279.6	254.6	233.5
72.5°	149.0	172.8	188.6	211.0	250.6	273.0	271.7	250.6	229.5	212.4	195.2
75°	109.5	127.9	141.1	155.6	187.3	208.4	213.7	204.4	183.3	170.1	157.0
77.5°	83.1	93.6	100.2	110.8	133.2	151.7	159.6	157.0	142.4	131.9	122.7
80°	63.3	65.9	68.6	72.5	91.0	108.2	113.4	112.1	104.2	100.2	89.7
82.5°	44.8	46.2	47.5	48.8	55.4	69.9	75.2	77.8	71.2	67.3	58.0
85°	26.4	27.7	27.7	30.3	31.7	35.6	44.8	44.8	43.5	38.3	36.9
87.5°	13.2	13.2	11.9	11.9	13.2	14.5	17.1	19.8	17.1	15.8	14.5
90°	7.1	5.3	4.8	4.3	3.6	2.8	1.4	0.4	1.4	2.8	3.6
92.5°	28.4	18.8	16.8	14.9	12.1	10.3	7.5	5.3	7.5	10.3	12.1
95°	51.2	34.8	30.6	26.3	20.6	17.4	13.9	12.4	13.9	17.4	20.6
97.5°	66.1	45.1	40.3	35.5	29.1	24.5	20.6	18.5	20.6	24.5	29.1
100°	73.2	54.4	49.4	44.4	37.3	31.6	28.4	27.4	28.4	31.6	37.3
102.5°	79.6	62.5	57.6	52.6	45.1	39.4	36.2	35.5	36.2	39.4	45.1
105°	87.1	70.4	65.4	60.4	52.6	47.3	44.8	43.4	44.8	47.3	52.6
107.5°	94.5	78.2	73.2	68.2	60.4	55.4	52.9	51.9	52.9	55.4	60.4
110°	102.0	86.3	81.2	76.0	68.6	64.0	61.8	60.4	61.8	64.0	68.6

TEST NUMBER: P1000117

CATALOG NUMBER: SA2XXRDIP-B865D330UB30-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
112.5°	109.1	94.2	88.8	83.5	76.4	72.1	69.6	68.2	69.6	72.1	76.4
115°	116.6	101.3	96.5	91.7	84.6	80.3	78.2	76.4	78.2	80.3	84.6
117.5°	123.3	109.1	104.1	99.1	92.4	88.5	86.3	84.9	86.3	88.5	92.4
120°	130.4	116.6	111.6	106.6	99.5	96.3	94.2	92.7	94.2	96.3	99.5
122.5°	137.2	124.4	119.2	114.1	107.0	103.4	101.3	100.2	101.3	103.4	107.0
125°	143.9	131.1	126.2	121.2	114.1	109.8	107.7	106.6	107.7	109.8	114.1
127.5°	150.3	137.9	132.8	127.6	120.8	116.2	113.4	111.9	113.4	116.2	120.8
130°	156.0	143.6	138.6	133.6	126.5	121.5	118.0	116.6	118.0	121.5	126.5
132.5°	161.0	149.2	144.2	139.3	131.8	126.5	122.6	120.8	122.6	126.5	131.8
135°	165.6	154.2	149.2	144.3	136.1	130.8	126.5	125.1	126.5	130.8	136.1
137.5°	169.5	158.1	153.5	148.9	140.7	135.0	130.8	129.0	130.8	135.0	140.7
140°	172.7	162.0	157.4	152.8	145.0	139.3	135.0	133.6	135.0	139.3	145.0
142.5°	175.2	164.9	160.6	156.4	148.9	143.2	139.3	138.2	139.3	143.2	148.9
145°	177.7	168.1	164.2	160.3	153.2	147.8	144.3	142.8	144.3	147.8	153.2
147.5°	179.8	170.6	167.0	163.5	157.4	152.4	148.9	147.8	148.9	152.4	157.4
150°	181.2	173.1	169.9	166.7	161.3	156.7	153.9	152.8	153.9	156.7	161.3
152.5°	182.6	175.5	172.7	169.9	164.9	161.0	158.1	157.8	158.1	161.0	164.9
155°	184.1	178.0	175.4	172.7	168.8	164.9	162.7	162.4	162.7	164.9	168.8
157.5°	185.1	179.8	177.5	175.2	172.0	168.4	166.7	166.3	166.7	168.4	172.0
160°	185.8	181.6	179.6	177.7	174.8	172.0	170.6	170.2	170.6	172.0	174.8
162.5°	186.2	182.6	181.2	179.8	177.3	175.2	173.8	174.1	173.8	175.2	177.3
165°	186.6	183.4	182.3	181.2	179.4	177.3	176.6	177.0	176.6	177.3	179.4
167.5°	186.6	184.1	183.4	182.6	181.2	179.8	179.1	179.4	179.1	179.8	181.2
170°	186.2	184.4	183.9	183.4	182.6	181.6	181.2	181.9	181.2	181.6	182.6
172.5°	185.8	184.8	184.4	184.1	183.7	182.6	183.0	183.4	183.0	182.6	183.7
175°	185.5	184.8	184.6	184.4	184.4	183.7	184.1	184.4	184.1	183.7	184.4
177.5°	185.1	184.8	184.8	184.8	184.8	184.1	184.4	185.1	184.4	184.1	184.8
180°	184.8	184.8	184.8	184.8	184.8	184.8	184.8	184.8	184.8	184.8	184.8

TEST NUMBER: P1000117

CATALOG NUMBER: SA2XXRDIP-B865D330UB30-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
0°	1898.0	1898.0	1898.0	1898.0	1898.0	1898.0	1898.0	1898.0	1898.0	1898.0	1898.0
2.5°	1876.9	1878.2	1882.2	1870.3	1851.8	1843.9	1820.2	1816.2	1812.3	1812.3	1816.2
5°	1834.7	1829.4	1830.7	1808.3	1781.9	1766.1	1733.1	1738.4	1721.3	1710.7	1713.4
7.5°	1788.5	1774.0	1772.7	1743.7	1710.7	1681.7	1647.4	1639.5	1623.7	1605.2	1597.3
10°	1730.5	1719.9	1700.2	1667.2	1625.0	1601.2	1555.1	1527.4	1523.4	1495.7	1485.2
12.5°	1671.1	1652.7	1632.9	1586.7	1539.2	1501.0	1466.7	1436.4	1415.3	1391.5	1375.7
15°	1602.6	1580.1	1557.7	1508.9	1453.5	1415.3	1363.8	1319.0	1257.0	1208.2	1180.5
17.5°	1527.4	1502.3	1472.0	1417.9	1363.8	1311.1	1216.1	1163.3	1119.8	1090.8	1073.6
20°	1449.6	1421.9	1391.5	1337.4	1243.8	1151.5	1098.7	1057.8	1031.4	1002.4	981.3
22.5°	1367.8	1338.8	1305.8	1221.4	1122.5	1057.8	1016.9	978.7	940.4	924.6	914.1
25°	1291.3	1264.9	1222.7	1107.9	1030.1	970.8	924.6	899.5	879.8	858.7	838.9
27.5°	1212.1	1163.3	1104.0	1007.7	958.9	898.2	865.3	846.8	812.5	798.0	788.7
30°	1117.2	1063.1	1006.4	937.8	881.1	838.9	808.5	778.2	758.4	743.9	728.1
32.5°	1020.9	969.5	933.8	862.6	820.4	776.9	747.9	729.4	700.4	691.1	684.6
35°	937.8	894.3	862.6	804.6	765.0	725.4	704.3	676.6	658.2	641.0	630.5
37.5°	856.0	832.3	799.3	750.5	708.3	676.6	647.6	638.4	613.3	604.1	593.5
40°	799.3	763.7	736.0	693.8	658.2	623.9	605.4	584.3	567.2	552.7	548.7
42.5°	730.7	704.3	688.5	642.3	605.4	585.6	563.2	539.5	526.3	514.4	499.9
45°	679.3	655.5	633.1	596.2	563.2	538.1	518.4	502.5	480.1	474.8	452.4
47.5°	625.2	601.5	584.3	547.4	517.0	493.3	478.8	457.7	439.2	427.3	416.8
50°	571.1	551.3	535.5	503.9	477.5	452.4	432.6	411.5	403.6	383.8	377.2
52.5°	519.7	506.5	489.3	459.0	432.6	411.5	390.4	373.3	361.4	350.8	342.9
55°	476.2	455.0	447.1	414.2	391.7	369.3	350.8	340.3	325.8	319.2	312.6
57.5°	427.3	415.5	402.3	377.2	352.2	331.1	317.9	302.0	294.1	286.2	280.9
60°	385.1	368.0	357.4	336.3	313.9	294.1	282.3	270.4	259.8	253.2	242.7
62.5°	336.3	323.2	316.6	294.1	275.7	257.2	246.6	234.8	226.9	215.0	201.8
65°	294.1	283.6	275.7	257.2	240.1	222.9	212.4	197.8	187.3	180.7	179.4
67.5°	257.2	249.3	237.4	220.3	203.1	189.9	178.1	166.2	164.9	162.2	162.2
70°	216.3	208.4	201.8	183.3	168.8	154.3	151.7	147.7	143.8	142.4	139.8
72.5°	180.7	174.1	166.2	150.4	135.9	131.9	129.3	126.6	122.7	121.3	120.0
75°	146.4	137.2	131.9	117.4	113.4	110.8	108.2	104.2	101.6	100.2	97.6
77.5°	112.1	102.9	102.9	95.0	92.3	88.4	85.7	83.1	81.8	79.1	79.1
80°	79.1	79.1	76.5	72.5	68.6	67.3	63.3	62.0	60.7	62.0	59.4
82.5°	58.0	52.8	52.8	50.1	47.5	46.2	43.5	43.5	42.2	42.2	42.2
85°	33.0	33.0	31.7	29.0	27.7	27.7	26.4	26.4	25.1	25.1	23.7
87.5°	13.2	11.9	13.2	11.9	11.9	10.6	10.6	10.6	9.2	10.6	9.2
90°	4.3	4.8	5.3	7.1	9.6	11.7	12.1	11.7	11.4	10.7	11.4
92.5°	14.9	16.8	18.8	28.4	41.9	54.0	54.7	45.8	35.9	30.6	26.7
95°	26.3	30.6	34.8	51.2	82.1	123.3	139.3	121.9	93.1	71.4	56.5
97.5°	35.5	40.3	45.1	66.1	109.1	175.5	227.1	228.8	190.5	152.1	116.2
100°	44.4	49.4	54.4	73.2	116.6	193.3	280.7	331.9	324.4	280.4	231.7
102.5°	52.6	57.6	62.5	79.6	116.9	186.6	282.5	370.3	412.2	410.8	378.4
105°	60.4	65.4	70.4	87.1	118.7	177.3	263.3	357.8	431.7	471.9	476.5
107.5°	68.2	73.2	78.2	94.5	122.6	172.3	245.5	331.5	410.8	470.5	505.3
110°	76.0	81.2	86.3	102.0	127.6	170.9	233.5	307.0	382.0	445.6	491.1

TEST NUMBER: P1000117

CATALOG NUMBER: SA2XXRDIP-B865D330UB30-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
112.5°	83.5	88.8	94.2	109.1	132.9	171.3	225.6	290.0	355.7	416.1	465.5
115°	91.7	96.5	101.3	116.6	138.2	172.7	220.3	276.5	335.1	389.8	436.4
117.5°	99.1	104.1	109.1	123.3	143.9	174.8	217.5	267.2	318.0	367.1	410.4
120°	106.6	111.6	116.6	130.4	149.6	177.0	215.0	260.1	306.0	350.0	387.7
122.5°	114.1	119.2	124.4	137.2	154.6	179.4	213.6	254.1	296.4	335.8	371.0
125°	121.2	126.2	131.1	143.9	159.9	181.9	211.8	248.4	287.1	323.7	355.0
127.5°	127.6	132.8	137.9	150.3	164.9	184.4	210.7	243.1	277.9	311.6	341.5
130°	133.6	138.6	143.6	156.0	169.5	187.3	210.0	237.7	269.0	299.6	327.6
132.5°	139.3	144.2	149.2	161.0	174.1	190.1	209.7	233.5	260.5	288.2	313.4
135°	144.3	149.2	154.2	165.6	178.0	192.2	209.3	229.6	252.7	276.1	299.6
137.5°	148.9	153.5	158.1	169.5	181.2	194.4	209.3	226.7	246.3	266.5	285.7
140°	152.8	157.4	162.0	172.7	183.7	195.8	208.9	224.2	240.2	257.3	273.6
142.5°	156.4	160.6	164.9	175.2	185.8	196.9	208.9	221.7	235.2	249.1	262.6
145°	160.3	164.2	168.1	177.7	187.6	197.6	208.2	219.6	230.6	242.3	253.4
147.5°	163.5	167.0	170.6	179.8	188.7	197.9	207.2	217.5	227.1	236.7	245.5
150°	166.7	169.9	173.1	181.2	189.4	197.6	206.1	214.6	223.2	231.0	238.4
152.5°	169.9	172.7	175.5	182.6	189.8	196.9	204.3	212.1	219.2	226.4	232.4
155°	172.7	175.4	178.0	184.1	190.1	196.2	202.2	208.9	215.7	221.4	226.7
157.5°	175.2	177.5	179.8	185.1	190.1	194.7	200.1	206.1	211.4	216.4	221.0
160°	177.7	179.6	181.6	185.8	190.1	193.7	197.9	202.9	207.5	211.4	215.3
162.5°	179.8	181.2	182.6	186.2	189.8	192.6	196.2	200.1	203.6	206.8	210.0
165°	181.2	182.3	183.4	186.6	189.0	191.2	193.7	196.9	199.7	202.2	204.7
167.5°	182.6	183.4	184.1	186.6	188.7	189.8	191.5	193.7	195.8	197.9	199.7
170°	183.4	183.9	184.4	186.2	188.0	188.7	189.8	191.2	193.0	194.0	195.4
172.5°	184.1	184.4	184.8	185.8	186.9	187.3	187.6	188.7	189.8	190.5	191.5
175°	184.4	184.6	184.8	185.5	186.2	185.8	186.2	186.6	187.6	188.0	188.3
177.5°	184.8	184.8	184.8	185.1	185.8	185.1	184.8	185.1	185.8	185.8	186.2
180°	184.8	184.8	184.8	184.8	184.8	184.8	184.8	184.8	184.8	184.8	184.8

TEST NUMBER: P1000117

CATALOG NUMBER: SA2XXRDIP-B865D330UB30-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
0°	1898.0	1898.0	1898.0	1898.0	1898.0	1898.0	1898.0	1898.0	1898.0	1898.0	1898.0
2.5°	1816.2	1813.6	1805.7	1808.3	1804.4	1804.4	1801.7	1801.7	1801.7	1808.3	1804.4
5°	1717.3	1708.1	1698.8	1694.9	1690.9	1687.0	1687.0	1685.7	1697.5	1694.9	1705.4
7.5°	1594.6	1592.0	1573.5	1573.5	1566.9	1564.3	1570.9	1572.2	1573.5	1576.2	1582.8
10°	1485.2	1478.6	1452.2	1454.8	1450.9	1445.6	1449.6	1446.9	1456.2	1458.8	1456.2
12.5°	1355.9	1344.0	1315.0	1300.5	1284.7	1272.8	1287.3	1276.8	1313.7	1324.3	1353.3
15°	1184.4	1162.0	1142.2	1142.2	1127.7	1117.2	1123.8	1135.6	1143.6	1155.4	1160.7
17.5°	1069.7	1060.5	1044.6	1035.4	1031.4	1027.5	1027.5	1032.8	1049.9	1048.6	1059.1
20°	972.1	966.8	958.9	947.0	943.1	940.4	940.4	940.4	952.3	962.9	969.5
22.5°	904.8	900.9	895.6	879.8	871.8	869.2	875.8	879.8	889.0	896.9	903.5
25°	837.6	828.3	819.1	813.8	809.9	809.9	812.5	813.8	817.8	821.7	829.6
27.5°	782.2	775.6	762.4	747.9	747.9	743.9	746.5	749.2	758.4	771.6	778.2
30°	720.2	718.8	713.6	708.3	703.0	700.4	705.7	709.6	710.9	717.5	717.5
32.5°	675.3	666.1	656.9	651.6	648.9	647.6	648.9	654.2	654.2	662.1	671.4
35°	630.5	625.2	616.0	606.7	604.1	597.5	602.8	608.0	617.3	621.2	625.2
37.5°	581.7	575.1	571.1	568.5	563.2	564.5	560.6	568.5	576.4	575.1	577.7
40°	544.7	532.9	521.0	519.7	518.4	517.0	517.0	518.4	523.6	528.9	536.8
42.5°	497.3	493.3	482.7	472.2	469.6	466.9	464.3	469.6	480.1	489.3	493.3
45°	448.5	443.2	440.5	432.6	427.3	426.0	423.4	430.0	439.2	443.2	445.8
47.5°	403.6	402.3	394.4	395.7	391.7	393.1	391.7	395.7	395.7	399.7	402.3
50°	373.3	369.3	365.4	362.7	358.8	358.8	357.4	358.8	364.0	369.3	368.0
52.5°	342.9	336.3	335.0	333.7	331.1	333.7	329.7	331.1	336.3	339.0	337.7
55°	307.3	306.0	303.4	300.7	299.4	298.1	298.1	298.1	303.4	307.3	308.6
57.5°	279.6	273.0	267.8	267.8	262.5	261.2	263.8	265.1	269.1	271.7	274.3
60°	241.4	238.7	230.8	226.9	219.0	217.6	217.6	222.9	229.5	238.7	241.4
62.5°	200.5	196.5	195.2	195.2	195.2	195.2	195.2	195.2	195.2	196.5	196.5
65°	178.1	179.4	178.1	176.7	178.1	178.1	176.7	176.7	176.7	178.1	179.4
67.5°	159.6	158.3	159.6	158.3	157.0	157.0	155.6	157.0	158.3	159.6	159.6
70°	138.5	138.5	137.2	138.5	137.2	135.9	134.5	134.5	137.2	138.5	138.5
72.5°	118.7	118.7	117.4	117.4	114.8	114.8	116.1	114.8	114.8	118.7	118.7
75°	98.9	97.6	96.3	96.3	95.0	95.0	95.0	93.6	96.3	96.3	97.6
77.5°	77.8	77.8	77.8	76.5	76.5	75.2	75.2	76.5	76.5	76.5	77.8
80°	59.4	59.4	59.4	58.0	56.7	56.7	56.7	56.7	56.7	58.0	56.7
82.5°	40.9	40.9	40.9	40.9	40.9	39.6	39.6	39.6	40.9	40.9	39.6
85°	25.1	23.7	25.1	25.1	23.7	25.1	23.7	23.7	22.4	22.4	23.7
87.5°	10.6	9.2	7.9	7.9	9.2	7.9	7.9	7.9	9.2	7.9	7.9
90°	11.6	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.6
92.5°	25.2	23.8	23.5	22.0	22.4	21.7	22.4	22.0	23.5	23.8	25.2
95°	52.6	48.7	44.1	41.2	40.2	40.5	40.2	41.2	44.1	48.7	52.6
97.5°	105.6	94.9	81.0	73.9	70.0	67.9	70.0	73.9	81.0	94.9	105.6
100°	210.2	188.7	159.2	143.9	133.6	127.2	133.6	143.9	159.2	188.7	210.2
102.5°	355.3	332.2	299.6	270.8	257.3	248.0	257.3	270.8	299.6	332.2	355.3
105°	470.6	464.8	442.8	420.7	405.4	400.5	405.4	420.7	442.8	464.8	470.6
107.5°	512.4	519.5	519.2	516.0	511.3	503.2	511.3	516.0	519.2	519.5	512.4
110°	505.6	520.2	535.5	542.3	545.5	545.1	545.5	542.3	535.5	520.2	505.6

TEST NUMBER: P1000117

CATALOG NUMBER: SA2XXRDIP-B865D330UB30-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
112.5°	482.8	500.0	522.7	535.2	541.9	544.4	541.9	535.2	522.7	500.0	482.8
115°	454.7	473.0	498.2	514.5	523.8	527.0	523.8	514.5	498.2	473.0	454.7
117.5°	427.8	445.2	471.2	488.6	498.2	500.7	498.2	488.6	471.2	445.2	427.8
120°	403.8	420.0	444.9	461.6	471.9	475.5	471.9	461.6	444.9	420.0	403.8
122.5°	385.2	399.4	421.1	437.4	446.3	449.2	446.3	437.4	421.1	399.4	385.2
125°	368.3	381.6	402.3	415.8	424.6	427.5	424.6	415.8	402.3	381.6	368.3
127.5°	354.0	366.4	384.5	397.3	405.1	407.2	405.1	397.3	384.5	366.4	354.0
130°	339.4	351.1	368.5	380.6	387.7	390.5	387.7	380.6	368.5	351.1	339.4
132.5°	324.2	335.1	352.1	364.2	370.6	373.1	370.6	364.2	352.1	335.1	324.2
135°	309.6	319.5	334.7	346.5	352.9	354.3	352.9	346.5	334.7	319.5	309.6
137.5°	294.6	303.5	318.0	328.3	334.0	336.2	334.0	328.3	318.0	303.5	294.6
140°	281.5	289.3	300.6	309.9	315.2	317.3	315.2	309.9	300.6	289.3	281.5
142.5°	268.8	275.0	285.7	293.9	298.5	298.5	298.5	293.9	285.7	275.0	268.8
145°	258.6	263.7	272.2	278.2	281.8	282.9	281.8	278.2	272.2	263.7	258.6
147.5°	249.4	253.4	260.8	265.8	268.3	269.0	268.3	265.8	260.8	253.4	249.4
150°	241.6	244.8	250.2	254.4	256.6	256.9	256.6	254.4	250.2	244.8	241.6
152.5°	235.0	237.7	241.6	245.2	246.6	246.6	246.6	245.2	241.6	237.7	235.0
155°	228.6	230.6	234.5	237.0	238.4	237.7	238.4	237.0	234.5	230.6	228.6
157.5°	222.6	224.2	227.1	229.2	229.9	229.9	229.9	229.2	227.1	224.2	222.6
160°	216.6	217.8	220.3	222.1	222.4	222.4	222.4	222.1	220.3	217.8	216.6
162.5°	210.9	211.8	214.3	215.3	215.7	215.3	215.7	215.3	214.3	211.8	210.9
165°	205.4	206.1	207.5	208.9	208.9	208.6	208.9	208.9	207.5	206.1	205.4
167.5°	200.4	201.1	201.8	202.5	202.5	202.2	202.5	202.5	201.8	201.1	200.4
170°	195.8	196.2	196.5	197.6	197.2	196.5	197.2	197.6	196.5	196.2	195.8
172.5°	191.7	191.9	192.2	192.6	192.2	191.9	192.2	192.6	192.2	191.9	191.7
175°	188.5	188.7	188.7	189.0	188.7	188.0	188.7	189.0	188.7	188.7	188.5
177.5°	186.2	186.2	186.2	186.2	185.8	185.1	185.8	186.2	186.2	186.2	186.2
180°	184.8	184.8	184.8	184.8	184.8	184.8	184.8	184.8	184.8	184.8	184.8

TEST NUMBER: P1000117

CATALOG NUMBER: SA2XXRDIP-B865D330UB30-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
0°	1898.0	1898.0	1898.0	1898.0	1898.0	1898.0	1898.0	1898.0	1898.0	1898.0	1898.0
2.5°	1808.3	1814.9	1812.3	1797.8	1812.3	1816.2	1824.1	1832.1	1837.3	1845.3	1851.8
5°	1694.9	1708.1	1716.0	1708.1	1734.5	1738.4	1756.9	1767.4	1783.3	1796.5	1807.0
7.5°	1588.1	1598.6	1614.4	1617.1	1632.9	1651.4	1677.7	1704.1	1729.2	1742.4	1754.2
10°	1473.3	1491.8	1515.5	1510.2	1534.0	1563.0	1590.7	1632.9	1654.0	1677.7	1698.8
12.5°	1358.5	1370.4	1402.1	1412.6	1446.9	1469.3	1507.6	1534.0	1586.7	1614.4	1632.9
15°	1158.1	1206.9	1246.4	1293.9	1338.8	1381.0	1415.3	1462.7	1508.9	1530.0	1560.4
17.5°	1067.1	1089.5	1113.2	1137.0	1195.0	1270.2	1330.9	1382.3	1421.9	1449.6	1485.2
20°	972.1	994.5	1020.9	1043.3	1078.9	1133.0	1208.2	1296.6	1344.0	1373.1	1407.4
22.5°	904.8	925.9	943.1	962.9	990.6	1030.1	1086.8	1196.3	1259.6	1295.2	1325.6
25°	832.3	858.7	877.1	891.6	914.1	957.6	1003.7	1065.7	1179.2	1206.9	1249.1
27.5°	782.2	790.1	811.2	833.6	856.0	879.8	927.2	980.0	1056.5	1117.2	1168.6
30°	722.8	742.6	762.4	771.6	791.4	825.7	854.7	911.4	970.8	1018.3	1080.2
32.5°	678.0	689.8	703.0	725.4	743.9	767.6	796.7	844.1	894.3	924.6	972.1
35°	627.8	635.7	663.4	672.7	691.1	714.9	743.9	780.8	834.9	858.7	892.9
37.5°	580.4	598.8	606.7	627.8	645.0	668.7	689.8	732.0	767.6	795.3	827.0
40°	543.4	551.3	565.8	584.3	598.8	617.3	643.7	674.0	712.2	734.7	762.4
42.5°	498.6	505.2	523.6	534.2	557.9	575.1	590.9	627.8	662.1	679.3	707.0
45°	449.8	465.6	477.5	498.6	511.8	532.9	552.7	579.0	610.7	630.5	646.3
47.5°	407.6	423.4	435.3	455.0	476.2	485.4	506.5	534.2	563.2	579.0	601.5
50°	373.3	378.5	401.0	410.2	432.6	451.1	465.6	489.3	521.0	530.2	548.7
52.5°	340.3	344.3	358.8	370.6	390.4	406.2	424.7	447.1	473.5	488.0	502.5
55°	311.3	313.9	320.5	333.7	346.9	366.7	383.8	404.9	427.3	443.2	456.4
57.5°	278.3	283.6	288.9	296.8	310.0	328.4	346.9	366.7	385.1	395.7	412.8
60°	240.1	248.0	257.2	266.4	275.7	288.9	310.0	328.4	345.6	354.8	368.0
62.5°	199.2	215.0	222.9	233.5	241.4	253.2	269.1	290.2	302.0	313.9	324.5
65°	179.4	180.7	182.0	192.6	207.1	219.0	233.5	249.3	267.8	275.7	283.6
67.5°	159.6	160.9	163.6	164.9	170.1	183.3	199.2	216.3	230.8	236.1	244.0
70°	139.8	139.8	145.1	146.4	147.7	149.0	162.2	179.4	192.6	199.2	208.4
72.5°	118.7	120.0	122.7	124.0	126.6	129.3	133.2	142.4	158.3	164.9	175.4
75°	97.6	98.9	100.2	101.6	105.5	106.8	110.8	116.1	122.7	130.6	137.2
77.5°	77.8	77.8	79.1	81.8	84.4	85.7	89.7	92.3	95.0	98.9	104.2
80°	58.0	59.4	59.4	62.0	62.0	63.3	64.6	68.6	71.2	73.9	76.5
82.5°	39.6	42.2	42.2	42.2	43.5	44.8	46.2	46.2	48.8	50.1	54.1
85°	23.7	25.1	25.1	25.1	23.7	26.4	26.4	27.7	27.7	27.7	29.0
87.5°	9.2	7.9	9.2	9.2	9.2	10.6	9.2	9.2	10.6	11.9	11.9
90°	11.4	10.7	11.4	11.7	12.1	11.7	9.6	7.1	5.3	4.8	4.3
92.5°	26.7	30.6	35.9	45.8	54.7	54.0	41.9	28.4	18.8	16.8	14.9
95°	56.5	71.4	93.1	121.9	139.3	123.3	82.1	51.2	34.8	30.6	26.3
97.5°	116.2	152.1	190.5	228.8	227.1	175.5	109.1	66.1	45.1	40.3	35.5
100°	231.7	280.4	324.4	331.9	280.7	193.3	116.6	73.2	54.4	49.4	44.4
102.5°	378.4	410.8	412.2	370.3	282.5	186.6	116.9	79.6	62.5	57.6	52.6
105°	476.5	471.9	431.7	357.8	263.3	177.3	118.7	87.1	70.4	65.4	60.4
107.5°	505.3	470.5	410.8	331.5	245.5	172.3	122.6	94.5	78.2	73.2	68.2
110°	491.1	445.6	382.0	307.0	233.5	170.9	127.6	102.0	86.3	81.2	76.0

TEST NUMBER: P1000117

CATALOG NUMBER: SA2XXRDIP-B865D330UB30-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
112.5°	465.5	416.1	355.7	290.0	225.6	171.3	132.9	109.1	94.2	88.8	83.5
115°	436.4	389.8	335.1	276.5	220.3	172.7	138.2	116.6	101.3	96.5	91.7
117.5°	410.4	367.1	318.0	267.2	217.5	174.8	143.9	123.3	109.1	104.1	99.1
120°	387.7	350.0	306.0	260.1	215.0	177.0	149.6	130.4	116.6	111.6	106.6
122.5°	371.0	335.8	296.4	254.1	213.6	179.4	154.6	137.2	124.4	119.2	114.1
125°	355.0	323.7	287.1	248.4	211.8	181.9	159.9	143.9	131.1	126.2	121.2
127.5°	341.5	311.6	277.9	243.1	210.7	184.4	164.9	150.3	137.9	132.8	127.6
130°	327.6	299.6	269.0	237.7	210.0	187.3	169.5	156.0	143.6	138.6	133.6
132.5°	313.4	288.2	260.5	233.5	209.7	190.1	174.1	161.0	149.2	144.2	139.3
135°	299.6	276.1	252.7	229.6	209.3	192.2	178.0	165.6	154.2	149.2	144.3
137.5°	285.7	266.5	246.3	226.7	209.3	194.4	181.2	169.5	158.1	153.5	148.9
140°	273.6	257.3	240.2	224.2	208.9	195.8	183.7	172.7	162.0	157.4	152.8
142.5°	262.6	249.1	235.2	221.7	208.9	196.9	185.8	175.2	164.9	160.6	156.4
145°	253.4	242.3	230.6	219.6	208.2	197.6	187.6	177.7	168.1	164.2	160.3
147.5°	245.5	236.7	227.1	217.5	207.2	197.9	188.7	179.8	170.6	167.0	163.5
150°	238.4	231.0	223.2	214.6	206.1	197.6	189.4	181.2	173.1	169.9	166.7
152.5°	232.4	226.4	219.2	212.1	204.3	196.9	189.8	182.6	175.5	172.7	169.9
155°	226.7	221.4	215.7	208.9	202.2	196.2	190.1	184.1	178.0	175.4	172.7
157.5°	221.0	216.4	211.4	206.1	200.1	194.7	190.1	185.1	179.8	177.5	175.2
160°	215.3	211.4	207.5	202.9	197.9	193.7	190.1	185.8	181.6	179.6	177.7
162.5°	210.0	206.8	203.6	200.1	196.2	192.6	189.8	186.2	182.6	181.2	179.8
165°	204.7	202.2	199.7	196.9	193.7	191.2	189.0	186.6	183.4	182.3	181.2
167.5°	199.7	197.9	195.8	193.7	191.5	189.8	188.7	186.6	184.1	183.4	182.6
170°	195.4	194.0	193.0	191.2	189.8	188.7	188.0	186.2	184.4	183.9	183.4
172.5°	191.5	190.5	189.8	188.7	187.6	187.3	186.9	185.8	184.8	184.4	184.1
175°	188.3	188.0	187.6	186.6	186.2	185.8	186.2	185.5	184.8	184.6	184.4
177.5°	186.2	185.8	185.8	185.1	184.8	185.1	185.8	185.1	184.8	184.8	184.8
180°	184.8	184.8	184.8	184.8	184.8	184.8	184.8	184.8	184.8	184.8	184.8

TEST NUMBER: P1000117

CATALOG NUMBER: SA2XXRDIP-B865D330UB30-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
0°	1898.0	1898.0	1898.0	1898.0
2.5°	1863.7	1859.8	1883.5	1909.9
5°	1825.5	1832.1	1862.4	1899.3
7.5°	1785.9	1800.4	1836.0	1884.8
10°	1730.5	1756.9	1811.0	1861.1
12.5°	1676.4	1712.0	1763.5	1822.8
15°	1615.8	1655.3	1718.6	1789.9
17.5°	1548.5	1593.3	1667.2	1745.0
20°	1477.3	1536.6	1614.4	1698.8
22.5°	1398.1	1469.3	1549.8	1643.4
25°	1321.6	1399.4	1479.9	1588.1
27.5°	1246.4	1322.9	1412.6	1522.1
30°	1171.3	1241.2	1337.4	1454.8
32.5°	1090.8	1163.3	1264.9	1384.9
35°	1016.9	1089.5	1184.4	1303.2
37.5°	937.8	1015.6	1106.6	1229.3
40°	845.5	936.5	1024.8	1142.2
42.5°	769.0	865.3	951.0	1061.8
45°	708.3	799.3	870.5	978.7
47.5°	651.6	725.4	798.0	898.2
50°	597.5	654.2	729.4	819.1
52.5°	542.1	590.9	655.5	739.9
55°	492.0	538.1	596.2	660.8
57.5°	445.8	478.8	536.8	594.9
60°	394.4	428.7	473.5	522.3
62.5°	350.8	377.2	419.4	460.3
65°	304.7	329.7	361.4	399.7
67.5°	262.5	284.9	310.0	340.3
70°	224.2	241.4	259.8	286.2
72.5°	183.3	201.8	219.0	240.1
75°	150.4	158.3	172.8	187.3
77.5°	116.1	126.6	134.5	146.4
80°	83.1	92.3	95.0	104.2
82.5°	55.4	60.7	65.9	68.6
85°	31.7	34.3	39.6	40.9
87.5°	11.9	13.2	15.8	18.5
90°	3.6	2.8	1.4	0.4
92.5°	12.1	10.3	7.5	5.3
95°	20.6	17.4	13.9	12.4
97.5°	29.1	24.5	20.6	18.5
100°	37.3	31.6	28.4	27.4
102.5°	45.1	39.4	36.2	35.5
105°	52.6	47.3	44.8	43.4
107.5°	60.4	55.4	52.9	51.9
110°	68.6	64.0	61.8	60.4

TEST NUMBER: P1000117

CATALOG NUMBER: SA2XXRDIP-B865D330UB30-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
112.5°	76.4	72.1	69.6	68.2
115°	84.6	80.3	78.2	76.4
117.5°	92.4	88.5	86.3	84.9
120°	99.5	96.3	94.2	92.7
122.5°	107.0	103.4	101.3	100.2
125°	114.1	109.8	107.7	106.6
127.5°	120.8	116.2	113.4	111.9
130°	126.5	121.5	118.0	116.6
132.5°	131.8	126.5	122.6	120.8
135°	136.1	130.8	126.5	125.1
137.5°	140.7	135.0	130.8	129.0
140°	145.0	139.3	135.0	133.6
142.5°	148.9	143.2	139.3	138.2
145°	153.2	147.8	144.3	142.8
147.5°	157.4	152.4	148.9	147.8
150°	161.3	156.7	153.9	152.8
152.5°	164.9	161.0	158.1	157.8
155°	168.8	164.9	162.7	162.4
157.5°	172.0	168.4	166.7	166.3
160°	174.8	172.0	170.6	170.2
162.5°	177.3	175.2	173.8	174.1
165°	179.4	177.3	176.6	177.0
167.5°	181.2	179.8	179.1	179.4
170°	182.6	181.6	181.2	181.9
172.5°	183.7	182.6	183.0	183.4
175°	184.4	183.7	184.1	184.4
177.5°	184.8	184.1	184.4	185.1
180°	184.8	184.8	184.8	184.8

(END OF REPORT)