

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: P1012208

Luminaire Tested: S123RDIP-B1000D585UB30-4F0-XX-W2A-A

Issue Date: 5/7/2025

Test Information

Test Method: LM-79-2019
Report Number: P1012208
REPORT IS A COMBINATION OF REPORTS P992855 AND P1007351
Test Lab: INNOVATION CENTER
Issue Date: 5/7/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: NEO-RAY
Catalog Number: S123RDIP-B1000D585UB30-4F0-XX-W2A-A
Description: Define 3 Regressed Direct/Indirect Pendant with 3000K BioUP LEDs {m-DER=0.589}
{m-EER=0.647}
Light Source: -
Ballast/Driver: -

Summary

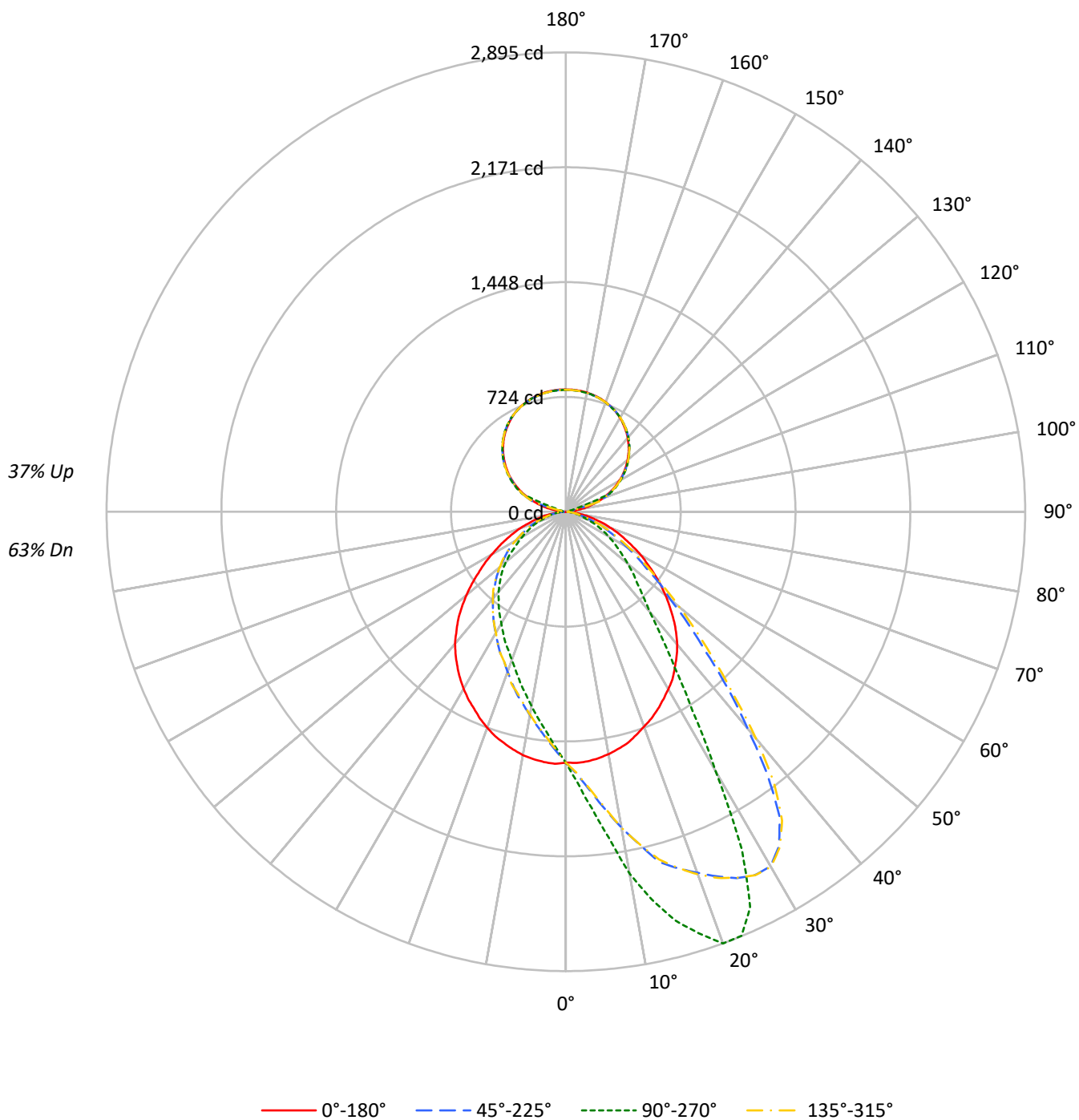
Lumens per Lamp: N/A
Luminaire Lumens: 6282.0 lumens
Efficiency: N/A
Efficacy: 101.0 lumens/watt
Spacing Criteria (0/90/45): 1.22 / 1.2 / 1.34
Luminous Opening: Rectangular w/ Sides (W: 0.25' x L: 4' x H: 0.1')
CIE Type: Semi-Direct

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



TEST NUMBER: P1012208

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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20
RC	80				70				50				30				10
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10
RCR																	
0	110	110	110	110	103	103	103	103	90	90	90	79	79	79	68	68	68
1	101	97	94	90	95	91	88	85	80	78	76	70	69	67	61	60	59
2	93	86	80	75	87	81	76	71	71	67	64	63	60	57	55	52	51
3	85	76	69	63	80	72	65	60	64	59	55	56	52	49	49	46	44
4	78	68	60	54	73	64	57	52	57	52	47	50	46	43	44	41	38
5	72	61	53	47	68	58	50	45	51	46	41	46	41	38	40	37	34
6	67	55	47	41	63	52	45	40	47	41	36	42	37	33	37	33	30
7	62	50	42	37	58	47	40	35	43	37	32	38	33	30	34	30	27
8	58	46	38	33	54	43	36	31	39	33	29	35	30	27	31	27	24
9	54	42	34	29	51	40	33	28	36	30	26	32	28	24	29	25	22
10	50	38	31	26	47	37	30	26	33	28	24	30	25	22	27	23	20

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	17010	17010	17010	17010
5°	17023	19591	17067	14534
10°	16873	23649	16947	12695
15°	16699	26840	16699	11194
20°	16356	28951	16448	9930
25°	16106	27505	16074	9060
30°	15814	19058	15781	8210
35°	15464	12236	15394	7570
40°	15027	8640	14952	6932
45°	14266	6914	14247	6311
50°	13333	5784	13289	5585
55°	12281	4767	12183	4734
60°	11252	3940	11138	4026
65°	10042	3153	10107	3412
70°	8926	2191	9164	2759
75°	7566	1625	7874	2122
80°	6021	1077	6536	1591
85°	4284	510	4678	989

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 30°

Vertical Angle: 45°

Luminance: 22709 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	155.2	2.5
10°-20°	485.8	7.7
20°-30°	765.1	12.2
30°-40°	795.6	12.7
40°-50°	680.7	10.8
50°-60°	518.9	8.3
60°-70°	332.5	5.3
70°-80°	159.3	2.5
80°-90°	43.4	0.7
90°-100°	27.1	0.4
100°-110°	131.2	2.1
110°-120°	321.4	5.1
120°-130°	408.1	6.5
130°-140°	435.9	6.9
140°-150°	407.6	6.5
150°-160°	328.8	5.2
160°-170°	212.2	3.4
170°-180°	73.1	1.2
0°-30°	1406.1	22.4
0°-40°	2201.7	35.0
0°-60°	3401.4	54.1
0°-90°	3936.5	62.7
90°-120°	479.7	7.6
90°-150°	1731.4	27.6
90°-180°	2345.0	37.3
0°-180°	6282.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1580	1580	1580	1580	1580	
5°	1579	1877	1583	1392	1579	150
15°	1509	2667	1509	1112	1509	424
25°	1372	2748	1369	905	1372	632
35°	1197	1192	1192	737	1197	749
45°	961	636	959	580	961	740
55°	678	399	672	396	678	607
65°	415	230	418	249	415	415
75°	199	97	207	127	199	215
85°	45	23	49	45	45	50
90°	1	17	1	17	1	4
95°	35	22	35	22	35	42
105°	170	25	170	25	170	181
115°	320	336	320	336	320	316
125°	450	460	450	460	450	402
135°	561	566	561	566	561	432
145°	647	653	647	653	647	405
155°	713	712	713	712	713	328
165°	752	750	752	750	752	212
175°	769	766	769	766	769	73
180°	769	769	769	769	769	

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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	1580.3	1580.3	1580.3	1580.3	1580.3	1580.3	1580.3	1580.3	1580.3	1580.3	1580.3
2.5°	1584.3	1595.2	1603.3	1608.7	1622.2	1630.3	1637.1	1649.3	1649.3	1652.0	1657.4
5°	1578.9	1601.9	1618.2	1639.8	1668.2	1681.8	1700.7	1716.9	1739.9	1752.1	1764.3
7.5°	1566.8	1599.2	1633.1	1665.5	1707.5	1734.5	1753.5	1795.4	1825.2	1861.7	1890.1
10°	1550.5	1595.2	1638.5	1688.5	1745.4	1785.9	1814.4	1869.8	1926.7	1978.1	2021.4
12.5°	1530.2	1584.3	1646.6	1707.5	1787.3	1827.9	1873.9	1942.9	2024.1	2089.0	2147.2
15°	1508.6	1570.8	1641.2	1715.6	1815.7	1872.5	1938.8	2022.7	2113.4	2206.7	2286.5
17.5°	1474.8	1553.2	1631.7	1739.9	1857.6	1891.5	1948.3	2063.3	2175.6	2259.5	2356.9
20°	1440.9	1528.9	1627.6	1725.1	1852.2	1930.7	1983.5	2105.2	2225.7	2327.1	2420.5
22.5°	1409.8	1501.8	1604.6	1727.8	1846.8	1925.3	1991.6	2118.8	2258.1	2371.8	2486.8
25°	1371.9	1472.0	1585.7	1702.1	1846.8	1906.4	1979.4	2126.9	2274.4	2405.6	2547.7
27.5°	1331.3	1432.8	1545.1	1664.2	1796.8	1884.7	1956.4	2114.7	2294.7	2435.4	2581.5
30°	1290.7	1394.9	1503.2	1610.1	1758.9	1842.8	1925.3	2099.8	2305.5	2466.5	2578.8
32.5°	1251.5	1339.5	1446.3	1550.5	1698.0	1790.0	1883.4	2084.9	2309.5	2444.8	2499.0
35°	1197.4	1289.4	1376.0	1486.9	1635.8	1726.4	1836.0	2083.6	2292.0	2375.8	2348.8
37.5°	1147.3	1224.5	1307.0	1405.8	1558.6	1676.3	1790.0	2048.4	2233.8	2239.2	2086.3
40°	1091.9	1155.4	1224.5	1328.6	1493.7	1610.1	1733.2	1994.3	2128.2	2048.4	1779.2
42.5°	1028.3	1085.1	1139.2	1240.7	1420.6	1550.5	1683.1	1926.7	1975.4	1791.4	1511.3
45°	960.6	1006.6	1056.7	1163.6	1343.5	1472.0	1604.6	1822.5	1772.4	1512.6	1246.1
47.5°	890.3	929.5	978.2	1075.6	1261.0	1392.2	1518.0	1673.6	1546.5	1267.7	1044.5
50°	819.9	851.0	898.4	998.5	1177.1	1296.2	1412.5	1514.0	1335.4	1087.8	863.2
52.5°	750.9	775.3	824.0	909.2	1082.4	1196.0	1279.9	1319.2	1137.9	898.4	749.6
55°	677.8	704.9	737.4	824.0	995.8	1079.7	1135.2	1133.8	947.1	761.7	619.7
57.5°	607.5	631.8	660.3	746.8	886.2	943.0	990.4	967.4	790.1	623.7	531.7
60°	545.3	558.8	589.9	663.0	768.5	817.2	844.3	805.0	645.4	526.3	439.7
62.5°	477.6	491.1	516.8	585.8	650.8	676.5	699.5	649.4	533.1	428.9	376.1
65°	415.4	433.0	449.2	504.7	539.8	571.0	568.3	526.3	416.7	349.1	305.8
67.5°	361.2	368.0	381.5	415.4	431.6	454.6	456.0	408.6	335.5	284.1	258.4
70°	303.1	309.8	319.3	335.5	346.4	351.8	349.1	307.1	253.0	221.9	198.9
72.5°	253.0	251.7	258.4	258.4	269.2	267.9	259.8	227.3	192.1	166.4	152.9
75°	198.9	200.2	201.6	198.9	194.8	189.4	182.7	158.3	135.3	123.1	110.9
77.5°	155.6	152.9	154.2	144.8	139.4	133.9	124.5	112.3	93.4	90.6	85.2
80°	110.9	109.6	108.2	104.2	92.0	86.6	79.8	73.1	69.0	66.3	64.9
82.5°	74.4	74.4	71.7	63.6	56.8	52.8	51.4	48.7	44.6	44.6	43.3
85°	44.6	43.3	40.6	32.5	28.4	28.4	28.4	28.4	25.7	25.7	24.4
87.5°	17.6	16.2	12.2	12.2	10.8	10.8	10.8	9.5	9.5	8.1	8.1
90°	0.6	1.9	3.1	4.4	5.7	6.3	7.1	8.8	10.4	12.1	13.7
92.5°	13.1	12.3	11.6	10.8	10.1	9.7	10.3	11.4	12.6	13.7	14.9
95°	34.9	29.7	24.5	19.2	14.0	11.4	12.1	13.5	14.9	16.3	17.7
97.5°	63.4	59.8	56.3	52.7	49.2	47.4	44.2	37.7	31.2	24.8	18.3
100°	96.6	99.1	101.7	104.2	106.7	108.0	98.1	78.3	58.5	38.7	18.9
102.5°	134.3	136.0	137.6	139.3	141.0	141.8	130.7	108.6	86.5	64.4	42.3
105°	170.3	171.7	173.1	174.5	175.9	176.6	170.9	159.5	148.0	136.6	125.2
107.5°	208.6	209.8	210.9	212.1	213.2	213.8	214.7	216.6	218.5	220.4	222.3
110°	246.9	247.9	248.9	250.0	251.0	251.5	252.2	253.6	255.0	256.4	257.8

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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	283.5	284.4	285.3	286.2	287.1	287.5	288.2	289.6	291.0	292.4	293.8
115°	319.5	320.3	321.0	321.8	322.5	322.9	323.5	324.6	325.8	326.9	328.1
117.5°	355.0	355.9	356.8	357.7	358.6	359.0	359.3	359.9	360.6	361.2	361.8
120°	387.5	388.7	389.8	391.0	392.1	392.7	392.9	393.3	393.6	394.0	394.4
122.5°	420.7	421.6	422.5	423.4	424.3	424.7	425.0	425.5	426.0	426.5	427.0
125°	450.4	451.4	452.4	453.5	454.5	455.0	455.3	455.8	456.3	456.8	457.3
127.5°	480.1	481.1	482.1	483.2	484.2	484.7	485.0	485.7	486.3	487.0	487.6
130°	507.6	508.6	509.6	510.6	511.6	512.1	512.4	512.9	513.4	513.9	514.4
132.5°	533.9	534.9	535.9	536.9	537.9	538.4	538.6	539.0	539.4	539.8	540.2
135°	560.7	561.5	562.3	563.0	563.8	564.2	564.4	564.9	565.4	565.9	566.4
137.5°	583.6	584.6	585.6	586.7	587.7	588.2	588.3	588.6	588.8	589.1	589.3
140°	606.5	607.3	608.0	608.8	609.5	609.9	610.1	610.5	610.8	611.2	611.6
142.5°	627.6	628.4	629.1	629.9	630.6	631.0	631.2	631.6	632.0	632.4	632.8
145°	647.0	647.9	648.8	649.7	650.6	651.0	651.1	651.4	651.7	651.9	652.2
147.5°	665.9	666.5	667.2	667.8	668.5	668.8	668.9	669.2	669.4	669.7	669.9
150°	683.1	683.5	683.9	684.2	684.6	684.8	684.9	685.2	685.4	685.7	685.9
152.5°	698.5	698.6	698.8	698.9	699.0	699.1	699.2	699.3	699.4	699.5	699.6
155°	712.8	712.5	712.3	712.0	711.7	711.6	711.7	711.8	711.9	712.1	712.2
157.5°	724.2	724.2	724.2	724.2	724.2	724.2	724.1	724.0	723.9	723.7	723.6
160°	734.5	734.4	734.2	734.1	734.0	733.9	733.8	733.7	733.6	733.5	733.4
162.5°	744.2	743.8	743.4	743.1	742.7	742.5	742.4	742.3	742.2	742.0	741.9
165°	751.6	751.2	750.8	750.5	750.1	749.9	749.8	749.7	749.6	749.5	749.4
167.5°	757.9	757.4	756.9	756.4	755.9	755.6	755.6	755.6	755.6	755.6	755.6
170°	763.1	762.6	762.1	761.6	761.1	760.8	760.8	760.8	760.8	760.8	760.8
172.5°	766.5	765.9	765.2	764.6	763.9	763.6	763.7	763.8	763.9	764.1	764.2
175°	769.4	768.8	768.1	767.5	766.8	766.5	766.6	766.7	766.8	767.0	767.1
177.5°	770.5	769.9	769.2	768.6	767.9	767.6	767.7	767.8	767.9	768.1	768.2
180°	769.4	769.4	769.4	769.4	769.4	769.4	769.4	769.4	769.4	769.4	769.4

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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	1580.3	1580.3	1580.3	1580.3	1580.3	1580.3	1580.3	1580.3	1580.3	1580.3	1580.3
2.5°	1668.2	1668.2	1680.4	1692.6	1685.8	1689.9	1704.8	1699.3	1710.2	1708.8	1712.9
5°	1794.1	1808.9	1821.1	1846.8	1850.9	1846.8	1872.5	1879.3	1891.5	1876.6	1883.4
7.5°	1936.1	1967.2	1997.0	2034.9	2047.1	2049.8	2063.3	2082.2	2098.5	2068.7	2083.6
10°	2074.1	2121.5	2182.4	2216.2	2246.0	2256.8	2267.6	2279.8	2298.7	2316.3	2302.8
12.5°	2223.0	2292.0	2350.1	2411.0	2447.5	2443.5	2474.6	2482.7	2497.6	2501.7	2507.1
15°	2344.7	2442.1	2478.7	2569.3	2577.4	2604.5	2639.7	2670.8	2674.9	2666.7	2666.7
17.5°	2461.1	2545.0	2609.9	2683.0	2697.9	2720.9	2765.5	2780.4	2785.8	2784.4	2784.4
20°	2555.8	2611.3	2720.9	2781.7	2806.1	2835.9	2867.0	2885.9	2890.0	2895.4	2887.3
22.5°	2618.0	2701.9	2791.2	2841.3	2861.6	2872.4	2892.7	2898.1	2891.3	2892.7	2894.0
25°	2666.7	2749.3	2803.4	2816.9	2815.6	2802.0	2787.1	2761.4	2758.7	2747.9	2726.3
27.5°	2680.3	2711.4	2704.6	2649.1	2593.7	2588.3	2499.0	2450.3	2394.8	2402.9	2371.8
30°	2607.2	2566.6	2470.6	2329.8	2271.7	2177.0	2076.8	1972.7	1932.1	1887.4	1969.9
32.5°	2428.6	2283.8	2113.4	1930.7	1833.3	1749.4	1642.5	1566.8	1523.5	1486.9	1557.3
35°	2159.4	1933.4	1707.5	1534.3	1454.5	1378.7	1278.6	1240.7	1186.6	1192.0	1198.7
37.5°	1813.0	1564.1	1393.6	1223.1	1170.3	1139.2	1066.2	1008.0	989.0	983.6	983.6
40°	1488.3	1284.0	1132.4	998.5	957.9	932.2	874.0	847.0	826.7	821.3	828.0
42.5°	1231.2	1056.7	939.0	849.7	821.3	788.8	764.4	730.6	726.6	717.1	729.3
45°	1033.7	882.1	794.2	729.3	704.9	692.7	665.7	645.4	637.3	635.9	645.4
47.5°	876.7	759.0	681.9	641.3	622.4	610.2	587.2	579.1	571.0	573.7	569.6
50°	736.0	648.1	598.0	561.5	549.3	537.1	522.3	514.1	510.1	510.1	508.7
52.5°	631.8	558.8	526.3	492.5	487.1	480.3	464.1	458.7	451.9	450.5	456.0
55°	541.2	491.1	458.7	438.4	433.0	419.4	412.7	405.9	401.8	399.1	400.5
57.5°	462.7	424.8	403.2	385.6	376.1	370.7	358.5	357.2	354.5	354.5	353.1
60°	397.8	370.7	345.0	334.2	327.4	320.7	319.3	311.2	307.1	309.8	308.5
62.5°	336.9	315.2	300.4	288.2	284.1	278.7	274.7	271.9	267.9	269.2	269.2
65°	281.4	263.8	253.0	242.2	240.8	235.4	234.1	231.4	231.4	230.0	232.7
67.5°	231.4	219.2	209.7	202.9	198.9	200.2	194.8	190.8	190.8	189.4	193.5
70°	184.0	177.2	167.8	159.7	154.2	154.2	147.5	146.1	146.1	146.1	144.8
72.5°	142.1	129.9	125.8	123.1	123.1	123.1	120.4	120.4	119.1	120.4	119.1
75°	105.5	104.2	101.5	100.1	100.1	98.8	97.4	97.4	97.4	97.4	97.4
77.5°	82.5	82.5	79.8	78.5	78.5	78.5	77.1	77.1	75.8	75.8	75.8
80°	60.9	60.9	58.2	58.2	58.2	56.8	56.8	56.8	58.2	56.8	56.8
82.5°	41.9	41.9	40.6	41.9	40.6	39.2	39.2	39.2	37.9	39.2	39.2
85°	24.4	24.4	23.0	21.6	23.0	23.0	21.6	23.0	21.6	23.0	21.6
87.5°	9.5	8.1	8.1	8.1	6.8	8.1	6.8	6.8	8.1	6.8	8.1
90°	14.2	14.7	15.2	15.7	16.0	16.1	16.4	16.6	16.9	17.1	16.9
92.5°	15.8	16.7	17.6	18.5	18.9	19.0	19.1	19.2	19.3	19.4	19.3
95°	18.6	19.5	20.4	21.3	21.7	21.7	21.7	21.7	21.7	21.7	21.7
97.5°	19.3	20.3	21.4	22.4	22.9	23.0	23.1	23.2	23.3	23.4	23.3
100°	19.9	20.9	21.9	22.9	23.4	23.5	23.6	23.7	23.9	24.0	23.9
102.5°	38.1	33.9	29.7	25.5	23.4	23.5	23.8	24.1	24.3	24.6	24.3
105°	102.7	80.2	57.7	35.2	24.0	24.1	24.4	24.7	24.9	25.2	24.9
107.5°	202.7	183.2	163.6	144.1	134.3	126.0	109.3	92.7	76.0	59.4	76.0
110°	253.6	249.4	245.2	241.0	238.9	229.8	211.7	193.5	175.4	157.2	175.4



TEST NUMBER: P1012208

CATALOG NUMBER: S123RDIP-B1000D585UB30-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	294.9	296.1	297.2	298.3	298.9	298.8	298.5	298.3	298.0	297.8	298.0
115°	329.4	330.6	331.9	333.2	333.8	334.1	334.6	335.1	335.6	336.1	335.6
117.5°	362.8	363.8	364.9	365.9	366.4	366.5	366.6	366.7	366.9	367.0	366.9
120°	395.4	396.4	397.5	398.5	399.0	399.0	399.0	399.0	399.0	399.0	399.0
122.5°	427.6	428.2	428.9	429.5	429.8	429.9	430.0	430.1	430.3	430.4	430.3
125°	457.5	457.8	458.0	458.3	458.4	458.5	458.8	459.1	459.3	459.6	459.3
127.5°	488.0	488.4	488.7	489.1	489.3	489.2	488.9	488.6	488.4	488.1	488.4
130°	514.9	515.4	515.9	516.4	516.7	516.6	516.3	516.1	515.8	515.6	515.8
132.5°	540.7	541.2	541.7	542.2	542.4	542.2	541.8	541.5	541.1	540.7	541.1
135°	566.8	567.2	567.6	568.0	568.2	568.0	567.6	567.2	566.8	566.4	566.8
137.5°	589.9	590.6	591.2	591.9	592.2	592.1	591.8	591.5	591.3	591.0	591.3
140°	612.1	612.6	613.1	613.6	613.9	613.8	613.5	613.2	613.0	612.7	613.0
142.5°	633.2	633.6	633.9	634.3	634.5	634.3	633.9	633.6	633.2	632.8	633.2
145°	652.4	652.7	652.9	653.2	653.3	653.3	653.3	653.3	653.3	653.3	653.3
147.5°	670.1	670.4	670.6	670.9	671.0	670.7	670.1	669.4	668.8	668.2	668.8
150°	686.2	686.4	686.7	687.0	687.1	686.9	686.5	686.1	685.7	685.3	685.7
152.5°	700.1	700.6	701.1	701.6	701.9	701.6	701.0	700.3	699.7	699.1	699.7
155°	712.8	713.5	714.1	714.8	715.1	714.7	713.9	713.2	712.4	711.6	712.4
157.5°	724.4	725.2	725.9	726.7	727.1	726.6	725.6	724.5	723.5	722.5	723.5
160°	734.2	734.9	735.7	736.4	736.8	736.4	735.5	734.6	733.7	732.8	733.7
162.5°	742.8	743.7	744.6	745.5	745.9	745.5	744.8	744.0	743.3	742.5	743.3
165°	750.4	751.4	752.4	753.4	753.9	753.5	752.6	751.7	750.8	749.9	750.8
167.5°	756.6	757.6	758.7	759.7	760.2	759.7	758.7	757.6	756.6	755.6	756.6
170°	761.8	762.8	763.9	764.9	765.4	764.9	763.9	762.8	761.8	760.8	761.8
172.5°	765.2	766.2	767.3	768.3	768.8	768.2	767.1	765.9	764.8	763.6	764.8
175°	768.0	768.9	769.8	770.7	771.1	770.6	769.6	768.5	767.5	766.5	767.5
177.5°	769.2	770.2	771.3	772.3	772.8	772.2	770.9	769.6	768.4	767.1	768.4
180°	769.4	769.4	769.4	769.4	769.4	769.4	769.4	769.4	769.4	769.4	769.4

TEST NUMBER: P1012208

CATALOG NUMBER: S123RDIP-B1000D585UB30-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	1580.3	1580.3	1580.3	1580.3	1580.3	1580.3	1580.3	1580.3	1580.3	1580.3	1580.3
2.5°	1706.1	1698.0	1692.6	1688.5	1684.5	1696.6	1680.4	1662.8	1650.6	1642.5	1639.8
5°	1884.7	1867.1	1852.2	1840.1	1842.8	1842.8	1814.4	1783.2	1756.2	1741.3	1725.1
7.5°	2091.7	2072.8	2043.0	2036.2	2030.8	1997.0	1968.6	1911.8	1877.9	1844.1	1814.4
10°	2297.4	2273.0	2244.6	2235.1	2221.6	2179.7	2136.4	2063.3	2021.4	1959.1	1919.9
12.5°	2489.5	2459.7	2431.3	2424.5	2404.3	2367.7	2293.3	2217.5	2145.8	2079.5	2010.5
15°	2650.5	2642.4	2599.1	2572.0	2527.4	2477.3	2461.1	2358.3	2267.6	2198.6	2074.1
17.5°	2785.8	2747.9	2707.3	2689.7	2672.1	2614.0	2555.8	2450.3	2352.8	2251.4	2171.5
20°	2894.0	2852.1	2823.7	2798.0	2789.9	2723.6	2631.6	2538.2	2431.3	2317.7	2213.5
22.5°	2899.4	2894.0	2875.1	2860.2	2844.0	2800.7	2727.6	2611.3	2497.6	2373.1	2236.5
25°	2787.1	2779.0	2833.2	2819.6	2830.4	2814.2	2775.0	2677.6	2545.0	2398.8	2260.8
27.5°	2448.9	2531.4	2616.7	2646.4	2666.7	2724.9	2743.9	2689.7	2582.8	2427.3	2273.0
30°	1988.9	2098.5	2236.5	2310.9	2367.7	2476.0	2616.7	2634.3	2584.2	2459.7	2270.3
32.5°	1561.3	1661.5	1772.4	1860.4	1936.1	2158.0	2347.4	2484.1	2508.4	2443.5	2277.1
35°	1258.3	1301.6	1407.1	1491.0	1593.8	1783.2	2006.5	2227.0	2375.8	2384.0	2256.8
37.5°	1037.7	1060.7	1152.7	1200.1	1261.0	1427.4	1635.8	1923.9	2155.3	2264.9	2200.0
40°	859.1	911.9	964.7	991.7	1035.0	1150.0	1350.3	1576.2	1863.1	2066.0	2112.0
42.5°	745.5	768.5	802.3	840.2	867.3	967.4	1101.3	1308.3	1566.8	1849.5	1976.7
45°	657.6	665.7	700.8	725.2	753.6	824.0	918.7	1091.9	1319.2	1597.9	1814.4
47.5°	584.5	600.7	619.7	634.5	653.5	707.6	788.8	914.6	1114.9	1363.8	1596.5
50°	519.5	529.0	553.4	560.1	573.7	611.5	673.8	769.8	934.9	1133.8	1374.6
52.5°	458.7	476.3	485.7	495.2	507.4	538.5	579.1	657.6	782.0	968.7	1173.0
55°	411.3	416.7	430.2	438.4	447.8	469.5	504.7	562.8	660.3	809.1	1002.6
57.5°	365.3	365.3	378.8	385.6	395.1	411.3	442.4	487.1	557.4	668.4	845.6
60°	316.6	318.0	328.8	336.9	339.6	355.8	381.5	416.7	470.8	552.0	696.8
62.5°	273.3	280.1	285.5	288.2	297.7	307.1	328.8	353.1	391.0	462.7	565.5
65°	236.8	238.1	242.2	244.9	248.9	259.8	276.0	292.2	324.7	377.5	461.4
67.5°	194.8	200.2	205.7	205.7	209.7	215.1	231.4	244.9	269.2	300.4	357.2
70°	146.1	148.8	156.9	161.0	166.4	175.9	184.0	192.1	211.1	234.1	277.4
72.5°	121.8	121.8	124.5	125.8	125.8	132.6	144.8	152.9	162.4	178.6	208.4
75°	97.4	97.4	101.5	100.1	102.8	105.5	106.9	112.3	117.7	129.9	147.5
77.5°	77.1	78.5	78.5	79.8	79.8	81.2	82.5	85.2	87.9	94.7	102.8
80°	56.8	58.2	58.2	59.5	59.5	60.9	62.2	63.6	66.3	69.0	73.1
82.5°	39.2	40.6	40.6	41.9	40.6	41.9	43.3	43.3	44.6	47.4	48.7
85°	23.0	23.0	24.4	23.0	23.0	23.0	24.4	24.4	25.7	29.8	29.8
87.5°	6.8	8.1	6.8	8.1	8.1	8.1	8.1	9.5	9.5	10.8	12.2
90°	16.6	16.4	16.1	16.0	15.7	15.2	14.7	14.2	13.7	12.1	10.4
92.5°	19.2	19.1	19.0	18.9	18.5	17.6	16.7	15.8	14.9	13.7	12.6
95°	21.7	21.7	21.7	21.7	21.3	20.4	19.5	18.6	17.7	16.3	14.9
97.5°	23.2	23.1	23.0	22.9	22.4	21.4	20.3	19.3	18.3	24.8	31.2
100°	23.7	23.6	23.5	23.4	22.9	21.9	20.9	19.9	18.9	38.7	58.5
102.5°	24.1	23.8	23.5	23.4	25.5	29.7	33.9	38.1	42.3	64.4	86.5
105°	24.7	24.4	24.1	24.0	35.2	57.7	80.2	102.7	125.2	136.6	148.0
107.5°	92.7	109.3	126.0	134.3	144.1	163.6	183.2	202.7	222.3	220.4	218.5
110°	193.5	211.7	229.8	238.9	241.0	245.2	249.4	253.6	257.8	256.4	255.0

TEST NUMBER: P1012208

CATALOG NUMBER: S123RDIP-B1000D585UB30-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	298.3	298.5	298.8	298.9	298.3	297.2	296.1	294.9	293.8	292.4	291.0
115°	335.1	334.6	334.1	333.8	333.2	331.9	330.6	329.4	328.1	326.9	325.8
117.5°	366.7	366.6	366.5	366.4	365.9	364.9	363.8	362.8	361.8	361.2	360.6
120°	399.0	399.0	399.0	399.0	398.5	397.5	396.4	395.4	394.4	394.0	393.6
122.5°	430.1	430.0	429.9	429.8	429.5	428.9	428.2	427.6	427.0	426.5	426.0
125°	459.1	458.8	458.5	458.4	458.3	458.0	457.8	457.5	457.3	456.8	456.3
127.5°	488.6	488.9	489.2	489.3	489.1	488.7	488.4	488.0	487.6	487.0	486.3
130°	516.1	516.3	516.6	516.7	516.4	515.9	515.4	514.9	514.4	513.9	513.4
132.5°	541.5	541.8	542.2	542.4	542.2	541.7	541.2	540.7	540.2	539.8	539.4
135°	567.2	567.6	568.0	568.2	568.0	567.6	567.2	566.8	566.4	565.9	565.4
137.5°	591.5	591.8	592.1	592.2	591.9	591.2	590.6	589.9	589.3	589.1	588.8
140°	613.2	613.5	613.8	613.9	613.6	613.1	612.6	612.1	611.6	611.2	610.8
142.5°	633.6	633.9	634.3	634.5	634.3	633.9	633.6	633.2	632.8	632.4	632.0
145°	653.3	653.3	653.3	653.3	653.2	652.9	652.7	652.4	652.2	651.9	651.7
147.5°	669.4	670.1	670.7	671.0	670.9	670.6	670.4	670.1	669.9	669.7	669.4
150°	686.1	686.5	686.9	687.1	687.0	686.7	686.4	686.2	685.9	685.7	685.4
152.5°	700.3	701.0	701.6	701.9	701.6	701.1	700.6	700.1	699.6	699.5	699.4
155°	713.2	713.9	714.7	715.1	714.8	714.1	713.5	712.8	712.2	712.1	711.9
157.5°	724.5	725.6	726.6	727.1	726.7	725.9	725.2	724.4	723.6	723.7	723.9
160°	734.6	735.5	736.4	736.8	736.4	735.7	734.9	734.2	733.4	733.5	733.6
162.5°	744.0	744.8	745.5	745.9	745.5	744.6	743.7	742.8	741.9	742.0	742.2
165°	751.7	752.6	753.5	753.9	753.4	752.4	751.4	750.4	749.4	749.5	749.6
167.5°	757.6	758.7	759.7	760.2	759.7	758.7	757.6	756.6	755.6	755.6	755.6
170°	762.8	763.9	764.9	765.4	764.9	763.9	762.8	761.8	760.8	760.8	760.8
172.5°	765.9	767.1	768.2	768.8	768.3	767.3	766.2	765.2	764.2	764.1	763.9
175°	768.5	769.6	770.6	771.1	770.7	769.8	768.9	768.0	767.1	767.0	766.8
177.5°	769.6	770.9	772.2	772.8	772.3	771.3	770.2	769.2	768.2	768.1	767.9
180°	769.4	769.4	769.4	769.4	769.4	769.4	769.4	769.4	769.4	769.4	769.4

TEST NUMBER: P1012208

CATALOG NUMBER: S123RDIP-B1000D585UB30-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
0°	1580.3	1580.3	1580.3	1580.3	1580.3	1580.3	1580.3	1580.3	1580.3	1580.3	1580.3
2.5°	1635.8	1629.0	1622.2	1622.2	1607.3	1593.8	1587.1	1589.8	1581.6	1570.8	1560.0
5°	1707.5	1680.4	1675.0	1660.1	1639.8	1611.4	1596.5	1583.0	1566.8	1545.1	1524.8
7.5°	1773.8	1738.6	1719.6	1704.8	1665.5	1626.3	1593.8	1572.2	1543.8	1511.3	1486.9
10°	1860.4	1795.4	1775.1	1741.3	1685.8	1630.3	1592.5	1557.3	1518.0	1480.2	1447.7
12.5°	1929.4	1854.9	1817.1	1783.2	1711.5	1641.2	1577.6	1534.3	1486.9	1445.0	1403.0
15°	2007.8	1923.9	1857.6	1817.1	1726.4	1641.2	1569.5	1508.6	1455.8	1404.4	1367.9
17.5°	2045.7	1940.2	1910.4	1852.2	1721.0	1635.8	1547.8	1482.9	1419.3	1359.7	1316.5
20°	2105.2	1982.1	1907.7	1868.5	1752.1	1626.3	1523.5	1449.0	1382.8	1319.2	1273.2
22.5°	2109.3	1975.4	1926.7	1852.2	1708.8	1597.9	1501.8	1411.2	1334.0	1274.5	1227.2
25°	2099.8	1963.2	1895.5	1836.0	1716.9	1581.6	1458.5	1369.2	1293.5	1224.5	1169.0
27.5°	2095.8	1928.0	1864.4	1804.9	1670.9	1534.3	1432.8	1331.3	1244.7	1183.9	1127.0
30°	2090.4	1890.1	1813.0	1744.0	1620.9	1497.8	1376.0	1288.0	1205.5	1128.4	1071.6
32.5°	2055.2	1838.7	1760.2	1687.2	1554.6	1431.5	1335.4	1242.0	1152.7	1081.0	1029.6
35°	2044.4	1791.4	1688.5	1610.1	1480.2	1370.6	1269.1	1192.0	1108.1	1036.4	975.5
37.5°	2013.2	1742.6	1631.7	1531.6	1396.3	1292.1	1217.7	1140.6	1059.4	982.3	933.6
40°	1959.1	1685.8	1560.0	1457.2	1317.8	1212.3	1143.3	1086.4	1006.6	937.6	878.1
42.5°	1879.3	1627.6	1492.3	1384.1	1229.9	1131.1	1074.3	1020.2	952.5	880.8	832.1
45°	1787.3	1550.5	1424.7	1304.3	1147.3	1051.3	991.7	959.3	897.0	836.1	779.3
47.5°	1661.5	1470.7	1346.2	1221.7	1062.1	968.7	921.4	888.9	845.6	779.3	733.3
50°	1503.2	1367.9	1250.2	1139.2	978.2	888.9	841.6	817.2	780.7	733.3	688.7
52.5°	1327.3	1248.8	1151.4	1048.6	893.0	809.1	765.8	746.8	719.8	675.1	637.3
55°	1150.0	1116.2	1049.9	948.4	803.7	734.7	696.8	672.4	652.1	619.7	587.2
57.5°	991.7	975.5	929.5	851.0	729.3	657.6	625.1	608.8	592.6	568.3	535.8
60°	828.0	845.6	798.3	759.0	648.1	585.8	557.4	539.8	531.7	510.1	489.8
62.5°	686.0	702.2	675.1	645.4	566.9	511.4	493.8	477.6	472.2	453.2	433.0
65°	557.4	577.7	557.4	541.2	493.8	447.8	426.2	418.1	412.7	400.5	384.2
67.5°	443.8	464.1	454.6	434.3	419.4	381.5	369.4	361.2	358.5	349.1	335.5
70°	334.2	362.6	365.3	353.1	339.6	322.0	313.9	311.2	304.4	296.3	288.2
72.5°	240.8	273.3	274.7	274.7	266.5	266.5	258.4	254.4	254.4	246.2	236.8
75°	177.2	198.9	201.6	204.3	208.4	212.4	207.0	207.0	205.7	197.5	193.5
77.5°	117.7	136.7	143.4	152.9	158.3	158.3	161.0	163.7	161.0	156.9	154.2
80°	75.8	89.3	97.4	102.8	110.9	115.0	119.1	120.4	117.7	116.4	112.3
82.5°	50.1	54.1	58.2	64.9	74.4	81.2	81.2	79.8	82.5	81.2	79.8
85°	28.4	31.1	32.5	33.8	39.2	46.0	47.4	48.7	51.4	48.7	46.0
87.5°	10.8	12.2	12.2	12.2	14.9	16.2	20.3	25.7	24.4	21.6	21.6
90°	8.8	7.1	6.3	5.7	4.4	3.1	1.9	0.6	1.9	3.1	4.4
92.5°	11.4	10.3	9.7	10.1	10.8	11.6	12.3	13.1	12.3	11.6	10.8
95°	13.5	12.1	11.4	14.0	19.2	24.5	29.7	34.9	29.7	24.5	19.2
97.5°	37.7	44.2	47.4	49.2	52.7	56.3	59.8	63.4	59.8	56.3	52.7
100°	78.3	98.1	108.0	106.7	104.2	101.7	99.1	96.6	99.1	101.7	104.2
102.5°	108.6	130.7	141.8	141.0	139.3	137.6	136.0	134.3	136.0	137.6	139.3
105°	159.5	170.9	176.6	175.9	174.5	173.1	171.7	170.3	171.7	173.1	174.5
107.5°	216.6	214.7	213.8	213.2	212.1	210.9	209.8	208.6	209.8	210.9	212.1
110°	253.6	252.2	251.5	251.0	250.0	248.9	247.9	246.9	247.9	248.9	250.0

TEST NUMBER: P1012208

CATALOG NUMBER: S123RDIP-B1000D585UB30-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
112.5°	289.6	288.2	287.5	287.1	286.2	285.3	284.4	283.5	284.4	285.3	286.2
115°	324.6	323.5	322.9	322.5	321.8	321.0	320.3	319.5	320.3	321.0	321.8
117.5°	359.9	359.3	359.0	358.6	357.7	356.8	355.9	355.0	355.9	356.8	357.7
120°	393.3	392.9	392.7	392.1	391.0	389.8	388.7	387.5	388.7	389.8	391.0
122.5°	425.5	425.0	424.7	424.3	423.4	422.5	421.6	420.7	421.6	422.5	423.4
125°	455.8	455.3	455.0	454.5	453.5	452.4	451.4	450.4	451.4	452.4	453.5
127.5°	485.7	485.0	484.7	484.2	483.2	482.1	481.1	480.1	481.1	482.1	483.2
130°	512.9	512.4	512.1	511.6	510.6	509.6	508.6	507.6	508.6	509.6	510.6
132.5°	539.0	538.6	538.4	537.9	536.9	535.9	534.9	533.9	534.9	535.9	536.9
135°	564.9	564.4	564.2	563.8	563.0	562.3	561.5	560.7	561.5	562.3	563.0
137.5°	588.6	588.3	588.2	587.7	586.7	585.6	584.6	583.6	584.6	585.6	586.7
140°	610.5	610.1	609.9	609.5	608.8	608.0	607.3	606.5	607.3	608.0	608.8
142.5°	631.6	631.2	631.0	630.6	629.9	629.1	628.4	627.6	628.4	629.1	629.9
145°	651.4	651.1	651.0	650.6	649.7	648.8	647.9	647.0	647.9	648.8	649.7
147.5°	669.2	668.9	668.8	668.5	667.8	667.2	666.5	665.9	666.5	667.2	667.8
150°	685.2	684.9	684.8	684.6	684.2	683.9	683.5	683.1	683.5	683.9	684.2
152.5°	699.3	699.2	699.1	699.0	698.9	698.8	698.6	698.5	698.6	698.8	698.9
155°	711.8	711.7	711.6	711.7	712.0	712.3	712.5	712.8	712.5	712.3	712.0
157.5°	724.0	724.1	724.2	724.2	724.2	724.2	724.2	724.2	724.2	724.2	724.2
160°	733.7	733.8	733.9	734.0	734.1	734.2	734.4	734.5	734.4	734.2	734.1
162.5°	742.3	742.4	742.5	742.7	743.1	743.4	743.8	744.2	743.8	743.4	743.1
165°	749.7	749.8	749.9	750.1	750.5	750.8	751.2	751.6	751.2	750.8	750.5
167.5°	755.6	755.6	755.6	755.9	756.4	756.9	757.4	757.9	757.4	756.9	756.4
170°	760.8	760.8	760.8	761.1	761.6	762.1	762.6	763.1	762.6	762.1	761.6
172.5°	763.8	763.7	763.6	763.9	764.6	765.2	765.9	766.5	765.9	765.2	764.6
175°	766.7	766.6	766.5	766.8	767.5	768.1	768.8	769.4	768.8	768.1	767.5
177.5°	767.8	767.7	767.6	767.9	768.6	769.2	769.9	770.5	769.9	769.2	768.6
180°	769.4	769.4	769.4	769.4	769.4	769.4	769.4	769.4	769.4	769.4	769.4

TEST NUMBER: P1012208

CATALOG NUMBER: S123RDIP-B1000D585UB30-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
0°	1580.3	1580.3	1580.3	1580.3	1580.3	1580.3	1580.3	1580.3	1580.3	1580.3	1580.3
2.5°	1560.0	1553.2	1550.5	1543.8	1527.5	1516.7	1504.5	1496.4	1497.8	1491.0	1495.0
5°	1511.3	1509.9	1500.5	1486.9	1463.9	1451.8	1430.1	1419.3	1413.9	1415.2	1407.1
7.5°	1470.7	1458.5	1451.8	1430.1	1408.5	1382.8	1365.2	1355.7	1347.6	1339.5	1334.0
10°	1424.7	1413.9	1403.0	1380.0	1350.3	1325.9	1301.6	1292.1	1279.9	1274.5	1270.5
12.5°	1376.0	1369.2	1355.7	1328.6	1294.8	1271.8	1243.4	1238.0	1221.7	1210.9	1208.2
15°	1331.3	1327.3	1302.9	1271.8	1238.0	1215.0	1190.6	1174.4	1147.3	1152.7	1143.3
17.5°	1284.0	1266.4	1251.5	1209.6	1193.3	1158.2	1129.7	1121.6	1102.7	1090.5	1078.3
20°	1231.2	1220.4	1201.5	1174.4	1135.2	1094.6	1072.9	1059.4	1048.6	1029.6	1024.2
22.5°	1181.2	1167.6	1151.4	1116.2	1082.4	1048.6	1018.8	1006.6	993.1	979.6	971.4
25°	1141.9	1121.6	1104.0	1060.7	1026.9	998.5	979.6	959.3	940.3	932.2	929.5
27.5°	1081.0	1068.9	1051.3	1010.7	979.6	948.4	930.9	917.3	897.0	887.6	879.4
30°	1041.8	1017.4	997.1	964.7	933.6	899.7	883.5	867.3	855.1	842.9	833.4
32.5°	989.0	970.1	953.9	921.4	890.3	859.1	841.6	817.2	810.4	801.0	790.1
35°	937.6	925.4	907.9	872.7	838.9	817.2	798.3	775.3	767.1	760.4	750.9
37.5°	888.9	871.3	859.1	825.3	795.6	769.8	755.0	736.0	730.6	722.5	715.7
40°	847.0	829.4	817.2	783.4	752.3	725.2	715.7	696.8	688.7	679.2	675.1
42.5°	799.6	784.7	768.5	744.1	711.7	684.6	665.7	654.8	644.0	640.0	631.8
45°	749.6	736.0	723.8	696.8	663.0	644.0	627.8	612.9	604.8	598.0	592.6
47.5°	706.3	694.1	677.8	648.1	621.0	603.4	587.2	572.3	564.2	556.1	549.3
50°	656.2	649.4	631.8	603.4	577.7	557.4	542.5	529.0	523.6	514.1	503.3
52.5°	611.5	599.4	584.5	561.5	538.5	514.1	493.8	485.7	476.3	470.8	461.4
55°	558.8	550.7	534.4	514.1	489.8	469.5	454.6	443.8	431.6	426.2	414.0
57.5°	514.1	499.3	491.1	465.4	442.4	422.1	411.3	400.5	387.0	378.8	373.4
60°	465.4	451.9	439.7	418.1	401.8	380.2	364.0	354.5	345.0	334.2	328.8
62.5°	418.1	407.2	392.4	374.8	354.5	336.9	324.7	311.2	305.8	295.0	290.9
65°	366.7	358.5	346.4	326.1	309.8	295.0	282.8	271.9	266.5	262.5	259.8
67.5°	320.7	309.8	301.7	284.1	266.5	254.4	247.6	240.8	234.1	230.0	225.9
70°	273.3	265.2	257.1	240.8	228.7	217.8	212.4	207.0	202.9	198.9	194.8
72.5°	224.6	220.5	212.4	201.6	192.1	184.0	179.9	173.2	169.1	162.4	159.7
75°	185.4	178.6	174.5	165.1	156.9	150.2	144.8	136.7	131.2	128.5	127.2
77.5°	146.1	143.4	138.0	129.9	125.8	119.1	110.9	108.2	105.5	105.5	104.2
80°	109.6	105.5	101.5	94.7	90.6	85.2	85.2	85.2	83.9	85.2	83.9
82.5°	74.4	71.7	69.0	64.9	63.6	63.6	64.9	64.9	64.9	64.9	64.9
85°	43.3	43.3	43.3	44.6	43.3	43.3	44.6	46.0	44.6	44.6	43.3
87.5°	20.3	20.3	21.6	21.6	23.0	23.0	23.0	23.0	23.0	23.0	24.4
90°	5.7	6.3	7.1	8.8	10.4	12.1	13.7	14.2	14.7	15.2	15.7
92.5°	10.1	9.7	10.3	11.4	12.6	13.7	14.9	15.8	16.7	17.6	18.5
95°	14.0	11.4	12.1	13.5	14.9	16.3	17.7	18.6	19.5	20.4	21.3
97.5°	49.2	47.4	44.2	37.7	31.2	24.8	18.3	19.3	20.3	21.4	22.4
100°	106.7	108.0	98.1	78.3	58.5	38.7	18.9	19.9	20.9	21.9	22.9
102.5°	141.0	141.8	130.7	108.6	86.5	64.4	42.3	38.1	33.9	29.7	25.5
105°	175.9	176.6	170.9	159.5	148.0	136.6	125.2	102.7	80.2	57.7	35.2
107.5°	213.2	213.8	214.7	216.6	218.5	220.4	222.3	202.7	183.2	163.6	144.1
110°	251.0	251.5	252.2	253.6	255.0	256.4	257.8	253.6	249.4	245.2	241.0

TEST NUMBER: P1012208

CATALOG NUMBER: S123RDIP-B1000D585UB30-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
112.5°	287.1	287.5	288.2	289.6	291.0	292.4	293.8	294.9	296.1	297.2	298.3
115°	322.5	322.9	323.5	324.6	325.8	326.9	328.1	329.4	330.6	331.9	333.2
117.5°	358.6	359.0	359.3	359.9	360.6	361.2	361.8	362.8	363.8	364.9	365.9
120°	392.1	392.7	392.9	393.3	393.6	394.0	394.4	395.4	396.4	397.5	398.5
122.5°	424.3	424.7	425.0	425.5	426.0	426.5	427.0	427.6	428.2	428.9	429.5
125°	454.5	455.0	455.3	455.8	456.3	456.8	457.3	457.5	457.8	458.0	458.3
127.5°	484.2	484.7	485.0	485.7	486.3	487.0	487.6	488.0	488.4	488.7	489.1
130°	511.6	512.1	512.4	512.9	513.4	513.9	514.4	514.9	515.4	515.9	516.4
132.5°	537.9	538.4	538.6	539.0	539.4	539.8	540.2	540.7	541.2	541.7	542.2
135°	563.8	564.2	564.4	564.9	565.4	565.9	566.4	566.8	567.2	567.6	568.0
137.5°	587.7	588.2	588.3	588.6	588.8	589.1	589.3	589.9	590.6	591.2	591.9
140°	609.5	609.9	610.1	610.5	610.8	611.2	611.6	612.1	612.6	613.1	613.6
142.5°	630.6	631.0	631.2	631.6	632.0	632.4	632.8	633.2	633.6	633.9	634.3
145°	650.6	651.0	651.1	651.4	651.7	651.9	652.2	652.4	652.7	652.9	653.2
147.5°	668.5	668.8	668.9	669.2	669.4	669.7	669.9	670.1	670.4	670.6	670.9
150°	684.6	684.8	684.9	685.2	685.4	685.7	685.9	686.2	686.4	686.7	687.0
152.5°	699.0	699.1	699.2	699.3	699.4	699.5	699.6	700.1	700.6	701.1	701.6
155°	711.7	711.6	711.7	711.8	711.9	712.1	712.2	712.8	713.5	714.1	714.8
157.5°	724.2	724.2	724.1	724.0	723.9	723.7	723.6	724.4	725.2	725.9	726.7
160°	734.0	733.9	733.8	733.7	733.6	733.5	733.4	734.2	734.9	735.7	736.4
162.5°	742.7	742.5	742.4	742.3	742.2	742.0	741.9	742.8	743.7	744.6	745.5
165°	750.1	749.9	749.8	749.7	749.6	749.5	749.4	750.4	751.4	752.4	753.4
167.5°	755.9	755.6	755.6	755.6	755.6	755.6	755.6	756.6	757.6	758.7	759.7
170°	761.1	760.8	760.8	760.8	760.8	760.8	760.8	761.8	762.8	763.9	764.9
172.5°	763.9	763.6	763.7	763.8	763.9	764.1	764.2	765.2	766.2	767.3	768.3
175°	766.8	766.5	766.6	766.7	766.8	767.0	767.1	768.0	768.9	769.8	770.7
177.5°	767.9	767.6	767.7	767.8	767.9	768.1	768.2	769.2	770.2	771.3	772.3
180°	769.4	769.4	769.4	769.4	769.4	769.4	769.4	769.4	769.4	769.4	769.4

TEST NUMBER: P1012208

CATALOG NUMBER: S123RDIP-B1000D585UB30-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
0°	1580.3	1580.3	1580.3	1580.3	1580.3	1580.3	1580.3	1580.3	1580.3	1580.3	1580.3
2.5°	1493.7	1495.0	1491.0	1482.9	1481.5	1484.2	1492.3	1489.6	1482.9	1495.0	1484.2
5°	1411.2	1404.4	1401.7	1404.4	1396.3	1392.2	1400.3	1396.3	1400.3	1401.7	1405.8
7.5°	1331.3	1332.7	1324.6	1325.9	1315.1	1317.8	1317.8	1317.8	1321.9	1324.6	1330.0
10°	1262.3	1265.0	1255.6	1256.9	1248.8	1243.4	1247.5	1255.6	1255.6	1255.6	1258.3
12.5°	1206.9	1194.7	1187.9	1186.6	1177.1	1174.4	1182.5	1185.2	1192.0	1192.0	1196.0
15°	1137.9	1135.2	1129.7	1129.7	1106.7	1112.2	1114.9	1124.3	1137.9	1127.0	1129.7
17.5°	1075.6	1068.9	1062.1	1059.4	1056.7	1048.6	1059.4	1058.0	1066.2	1067.5	1071.6
20°	1020.2	1014.7	1001.2	1002.6	1005.3	993.1	999.9	999.9	1008.0	1016.1	1025.6
22.5°	966.0	960.6	953.9	956.6	948.4	945.7	945.7	952.5	962.0	968.7	967.4
25°	924.1	914.6	910.6	906.5	902.4	905.1	901.1	907.9	914.6	918.7	914.6
27.5°	876.7	872.7	864.6	860.5	853.7	856.4	859.1	864.6	868.6	868.6	872.7
30°	830.7	825.3	822.6	818.6	818.6	813.1	814.5	819.9	824.0	828.0	833.4
32.5°	786.1	782.0	778.0	778.0	775.3	773.9	772.6	780.7	780.7	788.8	788.8
35°	749.6	742.8	742.8	736.0	738.7	737.4	734.7	740.1	741.4	746.8	745.5
37.5°	709.0	709.0	706.3	699.5	694.1	695.4	702.2	702.2	706.3	704.9	709.0
40°	668.4	665.7	665.7	661.6	660.3	658.9	660.3	661.6	668.4	667.0	668.4
42.5°	627.8	629.1	622.4	622.4	622.4	618.3	619.7	621.0	623.7	626.4	630.5
45°	588.5	585.8	584.5	581.8	579.1	580.4	579.1	584.5	583.1	585.8	589.9
47.5°	546.6	542.5	541.2	535.8	535.8	538.5	537.1	541.2	542.5	546.6	543.9
50°	506.0	500.6	496.5	497.9	489.8	492.5	492.5	496.5	500.6	502.0	504.7
52.5°	458.7	457.3	456.0	449.2	447.8	446.5	447.8	449.2	454.6	458.7	460.0
55°	412.7	411.3	403.2	400.5	396.4	396.4	399.1	400.5	410.0	411.3	416.7
57.5°	370.7	366.7	357.2	355.8	355.8	355.8	351.8	357.2	359.9	366.7	366.7
60°	324.7	324.7	316.6	316.6	318.0	316.6	316.6	318.0	318.0	323.4	326.1
62.5°	288.2	286.8	286.8	284.1	282.8	284.1	282.8	282.8	284.1	288.2	292.2
65°	255.7	254.4	253.0	251.7	248.9	248.9	250.3	253.0	253.0	255.7	257.1
67.5°	224.6	224.6	221.9	221.9	220.5	219.2	220.5	219.2	224.6	224.6	225.9
70°	193.5	192.1	188.1	186.7	182.7	184.0	184.0	188.1	189.4	192.1	194.8
72.5°	155.6	155.6	152.9	150.2	151.5	148.8	148.8	150.2	150.2	154.2	155.6
75°	128.5	125.8	124.5	125.8	124.5	127.2	124.5	124.5	127.2	127.2	127.2
77.5°	105.5	105.5	104.2	104.2	105.5	104.2	105.5	105.5	105.5	104.2	105.5
80°	86.6	85.2	85.2	85.2	83.9	83.9	83.9	83.9	83.9	83.9	83.9
82.5°	64.9	64.9	63.6	64.9	64.9	63.6	64.9	63.6	63.6	64.9	64.9
85°	43.3	46.0	43.3	43.3	44.6	44.6	46.0	44.6	46.0	43.3	44.6
87.5°	23.0	24.4	24.4	23.0	23.0	24.4	24.4	24.4	25.7	23.0	24.4
90°	16.0	16.1	16.4	16.6	16.9	17.1	16.9	16.6	16.4	16.1	16.0
92.5°	18.9	19.0	19.1	19.2	19.3	19.4	19.3	19.2	19.1	19.0	18.9
95°	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7
97.5°	22.9	23.0	23.1	23.2	23.3	23.4	23.3	23.2	23.1	23.0	22.9
100°	23.4	23.5	23.6	23.7	23.9	24.0	23.9	23.7	23.6	23.5	23.4
102.5°	23.4	23.5	23.8	24.1	24.3	24.6	24.3	24.1	23.8	23.5	23.4
105°	24.0	24.1	24.4	24.7	24.9	25.2	24.9	24.7	24.4	24.1	24.0
107.5°	134.3	126.0	109.3	92.7	76.0	59.4	76.0	92.7	109.3	126.0	134.3
110°	238.9	229.8	211.7	193.5	175.4	157.2	175.4	193.5	211.7	229.8	238.9



TEST NUMBER: P1012208

CATALOG NUMBER: S123RDIP-B1000D585UB30-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
112.5°	298.9	298.8	298.5	298.3	298.0	297.8	298.0	298.3	298.5	298.8	298.9
115°	333.8	334.1	334.6	335.1	335.6	336.1	335.6	335.1	334.6	334.1	333.8
117.5°	366.4	366.5	366.6	366.7	366.9	367.0	366.9	366.7	366.6	366.5	366.4
120°	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0
122.5°	429.8	429.9	430.0	430.1	430.3	430.4	430.3	430.1	430.0	429.9	429.8
125°	458.4	458.5	458.8	459.1	459.3	459.6	459.3	459.1	458.8	458.5	458.4
127.5°	489.3	489.2	488.9	488.6	488.4	488.1	488.4	488.6	488.9	489.2	489.3
130°	516.7	516.6	516.3	516.1	515.8	515.6	515.8	516.1	516.3	516.6	516.7
132.5°	542.4	542.2	541.8	541.5	541.1	540.7	541.1	541.5	541.8	542.2	542.4
135°	568.2	568.0	567.6	567.2	566.8	566.4	566.8	567.2	567.6	568.0	568.2
137.5°	592.2	592.1	591.8	591.5	591.3	591.0	591.3	591.5	591.8	592.1	592.2
140°	613.9	613.8	613.5	613.2	613.0	612.7	613.0	613.2	613.5	613.8	613.9
142.5°	634.5	634.3	633.9	633.6	633.2	632.8	633.2	633.6	633.9	634.3	634.5
145°	653.3	653.3	653.3	653.3	653.3	653.3	653.3	653.3	653.3	653.3	653.3
147.5°	671.0	670.7	670.1	669.4	668.8	668.2	668.8	669.4	670.1	670.7	671.0
150°	687.1	686.9	686.5	686.1	685.7	685.3	685.7	686.1	686.5	686.9	687.1
152.5°	701.9	701.6	701.0	700.3	699.7	699.1	699.7	700.3	701.0	701.6	701.9
155°	715.1	714.7	713.9	713.2	712.4	711.6	712.4	713.2	713.9	714.7	715.1
157.5°	727.1	726.6	725.6	724.5	723.5	722.5	723.5	724.5	725.6	726.6	727.1
160°	736.8	736.4	735.5	734.6	733.7	732.8	733.7	734.6	735.5	736.4	736.8
162.5°	745.9	745.5	744.8	744.0	743.3	742.5	743.3	744.0	744.8	745.5	745.9
165°	753.9	753.5	752.6	751.7	750.8	749.9	750.8	751.7	752.6	753.5	753.9
167.5°	760.2	759.7	758.7	757.6	756.6	755.6	756.6	757.6	758.7	759.7	760.2
170°	765.4	764.9	763.9	762.8	761.8	760.8	761.8	762.8	763.9	764.9	765.4
172.5°	768.8	768.2	767.1	765.9	764.8	763.6	764.8	765.9	767.1	768.2	768.8
175°	771.1	770.6	769.6	768.5	767.5	766.5	767.5	768.5	769.6	770.6	771.1
177.5°	772.8	772.2	770.9	769.6	768.4	767.1	768.4	769.6	770.9	772.2	772.8
180°	769.4	769.4	769.4	769.4	769.4	769.4	769.4	769.4	769.4	769.4	769.4

TEST NUMBER: P1012208

CATALOG NUMBER: S123RDIP-B1000D585UB30-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
0°	1580.3	1580.3	1580.3	1580.3	1580.3	1580.3	1580.3	1580.3	1580.3	1580.3	1580.3
2.5°	1495.0	1500.5	1495.0	1484.2	1495.0	1501.8	1508.6	1519.4	1524.8	1524.8	1532.9
5°	1409.8	1420.6	1416.6	1413.9	1424.7	1431.5	1442.3	1455.8	1470.7	1480.2	1491.0
7.5°	1334.0	1340.8	1347.6	1347.6	1358.4	1373.3	1389.5	1405.8	1424.7	1438.2	1446.3
10°	1267.7	1273.2	1277.2	1282.6	1298.9	1315.1	1336.7	1357.0	1373.3	1388.2	1401.7
12.5°	1204.2	1212.3	1221.7	1225.8	1238.0	1258.3	1278.6	1302.9	1328.6	1343.5	1357.0
15°	1143.3	1147.3	1158.2	1170.3	1181.2	1202.8	1228.5	1254.2	1275.9	1298.9	1311.0
17.5°	1081.0	1082.4	1110.8	1104.0	1139.2	1159.5	1173.0	1197.4	1232.6	1251.5	1270.5
20°	1020.2	1033.7	1045.9	1052.6	1071.6	1094.6	1133.8	1152.7	1181.2	1198.7	1215.0
22.5°	972.8	993.1	993.1	1009.3	1018.8	1040.4	1068.9	1105.4	1136.5	1148.7	1171.7
25°	930.9	940.3	956.6	962.0	979.6	998.5	1017.4	1056.7	1090.5	1106.7	1123.0
27.5°	876.7	888.9	910.6	910.6	933.6	953.9	976.9	1002.6	1036.4	1059.4	1077.0
30°	834.8	847.0	856.4	871.3	880.8	899.7	940.3	959.3	989.0	1009.3	1031.0
32.5°	795.6	805.0	813.1	829.4	840.2	861.9	883.5	917.3	943.0	962.0	985.0
35°	752.3	761.7	772.6	784.7	801.0	821.3	841.6	870.0	895.7	913.3	932.2
37.5°	711.7	718.4	734.7	742.8	756.3	775.3	801.0	830.7	853.7	867.3	886.2
40°	672.4	677.8	690.0	704.9	714.4	729.3	756.3	782.0	810.4	826.7	841.6
42.5°	630.5	637.3	648.1	663.0	677.8	694.1	709.0	738.7	764.4	778.0	794.2
45°	594.0	598.0	606.1	621.0	635.9	648.1	671.1	698.1	722.5	733.3	750.9
47.5°	550.7	554.7	566.9	573.7	589.9	606.1	629.1	656.2	677.8	688.7	704.9
50°	506.0	510.1	518.2	533.1	543.9	561.5	581.8	604.8	631.8	646.7	656.2
52.5°	462.7	470.8	477.6	489.8	503.3	520.9	539.8	561.5	584.5	599.4	610.2
55°	419.4	426.2	434.3	441.1	457.3	473.5	495.2	515.5	535.8	549.3	561.5
57.5°	370.7	380.2	388.3	401.8	414.0	427.5	451.9	468.1	492.5	502.0	512.8
60°	328.8	338.2	345.0	355.8	366.7	384.2	400.5	420.8	441.1	453.2	466.8
62.5°	293.6	297.7	301.7	312.5	323.4	339.6	355.8	376.1	397.8	404.5	415.4
65°	258.4	262.5	269.2	278.7	286.8	296.3	313.9	330.1	350.4	361.2	365.3
67.5°	228.7	232.7	234.1	240.8	247.6	258.4	267.9	284.1	303.1	309.8	318.0
70°	194.8	201.6	202.9	208.4	211.1	217.8	228.7	240.8	255.7	267.9	274.7
72.5°	155.6	165.1	167.8	175.9	179.9	186.7	194.8	204.3	213.8	219.2	224.6
75°	127.2	129.9	131.2	138.0	144.8	154.2	158.3	163.7	171.8	178.6	184.0
77.5°	105.5	106.9	108.2	108.2	109.6	115.0	123.1	129.9	135.3	138.0	142.1
80°	85.2	83.9	83.9	85.2	85.2	85.2	87.9	97.4	100.1	106.9	105.5
82.5°	66.3	63.6	64.9	63.6	63.6	63.6	63.6	64.9	64.9	69.0	71.7
85°	43.3	44.6	43.3	43.3	41.9	43.3	41.9	41.9	40.6	40.6	39.2
87.5°	23.0	24.4	23.0	23.0	21.6	23.0	21.6	21.6	20.3	20.3	17.6
90°	15.7	15.2	14.7	14.2	13.7	12.1	10.4	8.8	7.1	6.3	5.7
92.5°	18.5	17.6	16.7	15.8	14.9	13.7	12.6	11.4	10.3	9.7	10.1
95°	21.3	20.4	19.5	18.6	17.7	16.3	14.9	13.5	12.1	11.4	14.0
97.5°	22.4	21.4	20.3	19.3	18.3	24.8	31.2	37.7	44.2	47.4	49.2
100°	22.9	21.9	20.9	19.9	18.9	38.7	58.5	78.3	98.1	108.0	106.7
102.5°	25.5	29.7	33.9	38.1	42.3	64.4	86.5	108.6	130.7	141.8	141.0
105°	35.2	57.7	80.2	102.7	125.2	136.6	148.0	159.5	170.9	176.6	175.9
107.5°	144.1	163.6	183.2	202.7	222.3	220.4	218.5	216.6	214.7	213.8	213.2
110°	241.0	245.2	249.4	253.6	257.8	256.4	255.0	253.6	252.2	251.5	251.0

TEST NUMBER: P1012208

CATALOG NUMBER: S123RDIP-B1000D585UB30-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
112.5°	298.3	297.2	296.1	294.9	293.8	292.4	291.0	289.6	288.2	287.5	287.1
115°	333.2	331.9	330.6	329.4	328.1	326.9	325.8	324.6	323.5	322.9	322.5
117.5°	365.9	364.9	363.8	362.8	361.8	361.2	360.6	359.9	359.3	359.0	358.6
120°	398.5	397.5	396.4	395.4	394.4	394.0	393.6	393.3	392.9	392.7	392.1
122.5°	429.5	428.9	428.2	427.6	427.0	426.5	426.0	425.5	425.0	424.7	424.3
125°	458.3	458.0	457.8	457.5	457.3	456.8	456.3	455.8	455.3	455.0	454.5
127.5°	489.1	488.7	488.4	488.0	487.6	487.0	486.3	485.7	485.0	484.7	484.2
130°	516.4	515.9	515.4	514.9	514.4	513.9	513.4	512.9	512.4	512.1	511.6
132.5°	542.2	541.7	541.2	540.7	540.2	539.8	539.4	539.0	538.6	538.4	537.9
135°	568.0	567.6	567.2	566.8	566.4	565.9	565.4	564.9	564.4	564.2	563.8
137.5°	591.9	591.2	590.6	589.9	589.3	589.1	588.8	588.6	588.3	588.2	587.7
140°	613.6	613.1	612.6	612.1	611.6	611.2	610.8	610.5	610.1	609.9	609.5
142.5°	634.3	633.9	633.6	633.2	632.8	632.4	632.0	631.6	631.2	631.0	630.6
145°	653.2	652.9	652.7	652.4	652.2	651.9	651.7	651.4	651.1	651.0	650.6
147.5°	670.9	670.6	670.4	670.1	669.9	669.7	669.4	669.2	668.9	668.8	668.5
150°	687.0	686.7	686.4	686.2	685.9	685.7	685.4	685.2	684.9	684.8	684.6
152.5°	701.6	701.1	700.6	700.1	699.6	699.5	699.4	699.3	699.2	699.1	699.0
155°	714.8	714.1	713.5	712.8	712.2	712.1	711.9	711.8	711.7	711.6	711.7
157.5°	726.7	725.9	725.2	724.4	723.6	723.7	723.9	724.0	724.1	724.2	724.2
160°	736.4	735.7	734.9	734.2	733.4	733.5	733.6	733.7	733.8	733.9	734.0
162.5°	745.5	744.6	743.7	742.8	741.9	742.0	742.2	742.3	742.4	742.5	742.7
165°	753.4	752.4	751.4	750.4	749.4	749.5	749.6	749.7	749.8	749.9	750.1
167.5°	759.7	758.7	757.6	756.6	755.6	755.6	755.6	755.6	755.6	755.6	755.9
170°	764.9	763.9	762.8	761.8	760.8	760.8	760.8	760.8	760.8	760.8	761.1
172.5°	768.3	767.3	766.2	765.2	764.2	764.1	763.9	763.8	763.7	763.6	763.9
175°	770.7	769.8	768.9	768.0	767.1	767.0	766.8	766.7	766.6	766.5	766.8
177.5°	772.3	771.3	770.2	769.2	768.2	768.1	767.9	767.8	767.7	767.6	767.9
180°	769.4	769.4	769.4	769.4	769.4	769.4	769.4	769.4	769.4	769.4	769.4

TEST NUMBER: P1012208

CATALOG NUMBER: S123RDIP-B1000D585UB30-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
0°	1580.3	1580.3	1580.3	1580.3
2.5°	1539.7	1549.2	1568.1	1584.3
5°	1507.2	1522.1	1550.5	1578.9
7.5°	1468.0	1491.0	1527.5	1566.8
10°	1430.1	1459.9	1504.5	1550.5
12.5°	1392.2	1423.3	1470.7	1530.2
15°	1347.6	1380.0	1436.9	1508.6
17.5°	1308.3	1351.6	1403.0	1474.8
20°	1266.4	1298.9	1365.2	1440.9
22.5°	1213.6	1267.7	1330.0	1409.8
25°	1171.7	1219.0	1281.3	1371.9
27.5°	1120.3	1175.7	1251.5	1331.3
30°	1078.3	1124.3	1194.7	1290.7
32.5°	1029.6	1083.7	1156.8	1251.5
35°	986.3	1032.3	1101.3	1197.4
37.5°	934.9	985.0	1062.1	1147.3
40°	890.3	939.0	1012.0	1091.9
42.5°	836.1	887.6	960.6	1028.3
45°	792.8	840.2	898.4	960.6
47.5°	740.1	790.1	847.0	890.3
50°	692.7	738.7	783.4	819.9
52.5°	641.3	683.3	723.8	750.9
55°	594.0	626.4	658.9	677.8
57.5°	538.5	569.6	596.7	607.5
60°	489.8	515.5	533.1	545.3
62.5°	438.4	457.3	470.8	477.6
65°	388.3	401.8	408.6	415.4
67.5°	336.9	349.1	353.1	361.2
70°	282.8	296.3	299.0	303.1
72.5°	242.2	242.2	247.6	253.0
75°	193.5	196.2	198.9	198.9
77.5°	151.5	151.5	154.2	155.6
80°	110.9	112.3	112.3	110.9
82.5°	75.8	78.5	75.8	74.4
85°	41.9	47.4	44.6	44.6
87.5°	17.6	17.6	20.3	17.6
90°	4.4	3.1	1.9	0.6
92.5°	10.8	11.6	12.3	13.1
95°	19.2	24.5	29.7	34.9
97.5°	52.7	56.3	59.8	63.4
100°	104.2	101.7	99.1	96.6
102.5°	139.3	137.6	136.0	134.3
105°	174.5	173.1	171.7	170.3
107.5°	212.1	210.9	209.8	208.6
110°	250.0	248.9	247.9	246.9

TEST NUMBER: P1012208

CATALOG NUMBER: S123RDIP-B1000D585UB30-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
112.5°	286.2	285.3	284.4	283.5
115°	321.8	321.0	320.3	319.5
117.5°	357.7	356.8	355.9	355.0
120°	391.0	389.8	388.7	387.5
122.5°	423.4	422.5	421.6	420.7
125°	453.5	452.4	451.4	450.4
127.5°	483.2	482.1	481.1	480.1
130°	510.6	509.6	508.6	507.6
132.5°	536.9	535.9	534.9	533.9
135°	563.0	562.3	561.5	560.7
137.5°	586.7	585.6	584.6	583.6
140°	608.8	608.0	607.3	606.5
142.5°	629.9	629.1	628.4	627.6
145°	649.7	648.8	647.9	647.0
147.5°	667.8	667.2	666.5	665.9
150°	684.2	683.9	683.5	683.1
152.5°	698.9	698.8	698.6	698.5
155°	712.0	712.3	712.5	712.8
157.5°	724.2	724.2	724.2	724.2
160°	734.1	734.2	734.4	734.5
162.5°	743.1	743.4	743.8	744.2
165°	750.5	750.8	751.2	751.6
167.5°	756.4	756.9	757.4	757.9
170°	761.6	762.1	762.6	763.1
172.5°	764.6	765.2	765.9	766.5
175°	767.5	768.1	768.8	769.4
177.5°	768.6	769.2	769.9	770.5
180°	769.4	769.4	769.4	769.4

(END OF REPORT)