

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: P1031056

Luminaire Tested: S123RDIW-B1000D755UB2750-4F0-XX-W2A-A_3000K

Issue Date: 5/7/2025

Test Information

Test Method: LM-79-2019
Report Number: P1031056
REPORT IS A COMBINATION OF REPORTS P993904 AND P1007351
Test Lab: INNOVATION CENTER
Issue Date: 5/7/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: NEO-RAY
Catalog Number: S123RDIW-B1000D755UB2750-4F0-XX-W2A-A_3000K
Description: Define 3 Regressed Direct/Indirect Wall Mount with 3000K BioUP LEDs {m-DER=0.589}
{m-EER=0.647}
Light Source: -
Ballast/Driver: -

Summary

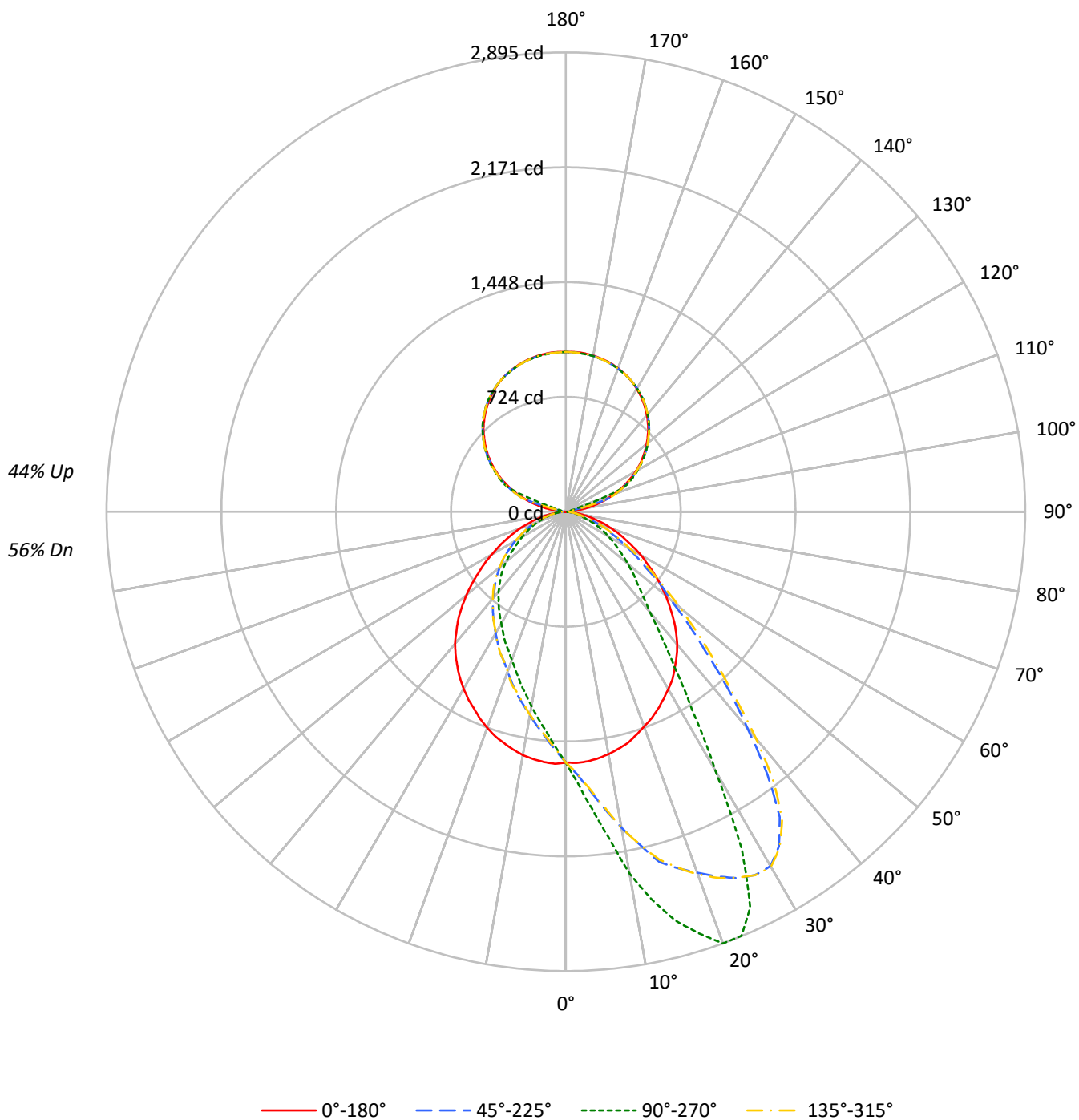
Lumens per Lamp: N/A
Luminaire Lumens: 7009.0 lumens
Efficiency: N/A
Efficacy: 100.1 lumens/watt
Spacing Criteria (0/90/45): 1.22 / 1.2 / 1.34
Luminous Opening: Rectangular w/ Sides (W: 0.25' x L: 4' x H: 0.1')
CIE Type: General Diffuse

Input Watts (W): 70
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				0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10
RCR																	
0	109	109	109	109	101	101	101	101	87	87	87	74	74	74	62	62	62
1	100	96	92	89	93	89	86	83	77	75	73	66	64	63	56	55	53
2	91	84	79	74	85	79	74	69	68	65	61	59	56	53	50	48	46
3	84	75	68	62	78	70	64	59	61	56	52	52	49	46	45	42	40
4	77	67	59	53	72	62	56	50	55	49	45	47	43	40	40	37	35
5	71	60	52	46	66	56	49	44	49	44	39	43	38	35	37	33	31
6	66	54	46	40	61	51	44	38	44	39	35	39	34	31	33	30	27
7	61	49	41	36	57	46	39	34	41	35	31	35	31	28	31	27	25
8	57	44	37	32	53	42	35	30	37	32	28	33	28	25	28	25	22
9	53	41	33	28	49	38	32	27	34	29	25	30	26	23	26	23	20
10	49	37	30	26	46	35	29	25	32	26	23	28	24	20	24	21	18

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	2.2
10°-20°	485.8	6.9
20°-30°	765.1	10.9
30°-40°	795.6	11.4
40°-50°	680.7	9.7
50°-60°	518.9	7.4
60°-70°	332.5	4.7
70°-80°	159.3	2.3
80°-90°	43.9	0.6
90°-100°	35.5	0.5
100°-110°	171.8	2.5
110°-120°	421.0	6.0
120°-130°	534.5	7.6
130°-140°	571.0	8.1
140°-150°	533.9	7.6
150°-160°	430.6	6.1
160°-170°	277.9	4.0
170°-180°	95.8	1.4
0°-30°	1406.1	20.1
0°-40°	2201.7	31.4
0°-60°	3401.4	48.5
0°-90°	3937.0	56.2
90°-120°	628.3	9.0
90°-150°	2267.7	32.4
90°-180°	3072.0	43.8
0°-180°	7009.0	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	22	1	22	1	5
95°	46	28	46	28	46	55
105°	223	33	223	33	223	237
115°	418	440	418	440	418	413
125°	590	602	590	602	590	527
135°	734	742	734	742	734	565
145°	848	856	848	856	848	531
155°	934	932	934	932	934	430
165°	984	982	984	982	984	278
175°	1008	1004	1008	1004	1008	96
180°	1008	1008	1008	1008	1008	

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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°	0.7	2.4	4.0	5.7	7.4	8.2	9.3	11.5	13.6	15.8	18.0
92.5°	17.2	16.2	15.2	14.2	13.2	12.7	13.5	15.0	16.5	18.0	19.5
95°	45.7	38.9	32.1	25.2	18.4	15.0	15.9	17.7	19.6	21.4	23.2
97.5°	83.1	78.4	73.8	69.1	64.4	62.1	57.9	49.4	40.9	32.5	24.0
100°	126.5	129.8	133.2	136.5	139.8	141.5	128.5	102.6	76.6	50.7	24.7
102.5°	175.9	178.1	180.3	182.4	184.6	185.7	171.2	142.3	113.3	84.4	55.4
105°	223.1	224.9	226.7	228.6	230.4	231.3	223.8	208.9	193.9	179.0	164.0
107.5°	273.3	274.8	276.3	277.8	279.3	280.0	281.2	283.7	286.2	288.7	291.2
110°	323.4	324.7	326.1	327.4	328.7	329.4	330.3	332.1	334.0	335.8	337.6

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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	371.3	372.5	373.7	374.8	376.0	376.6	377.5	379.3	381.2	383.0	384.8
115°	418.5	419.5	420.5	421.5	422.5	423.0	423.7	425.2	426.7	428.2	429.7
117.5°	464.9	466.1	467.2	468.4	469.5	470.1	470.5	471.4	472.2	473.1	473.9
120°	507.6	509.1	510.6	512.1	513.6	514.3	514.6	515.1	515.6	516.1	516.6
122.5°	551.0	552.2	553.3	554.5	555.6	556.2	556.5	557.2	557.9	558.5	559.2
125°	589.9	591.2	592.6	593.9	595.2	595.9	596.2	596.9	597.6	598.2	598.9
127.5°	628.9	630.2	631.6	632.9	634.2	634.9	635.3	636.1	637.0	637.8	638.6
130°	664.8	666.1	667.5	668.8	670.1	670.8	671.1	671.8	672.5	673.1	673.8
132.5°	699.2	700.5	701.9	703.2	704.5	705.2	705.5	706.0	706.5	707.0	707.5
135°	734.4	735.4	736.4	737.4	738.4	738.9	739.2	739.9	740.6	741.2	741.9
137.5°	764.4	765.7	767.1	768.4	769.7	770.4	770.6	770.9	771.2	771.6	771.9
140°	794.3	795.3	796.3	797.3	798.3	798.8	799.1	799.6	800.1	800.6	801.1
142.5°	822.0	823.0	824.0	825.0	826.0	826.5	826.8	827.3	827.8	828.3	828.8
145°	847.5	848.7	849.8	851.0	852.1	852.7	852.9	853.2	853.5	853.9	854.2
147.5°	872.2	873.0	873.8	874.7	875.5	875.9	876.1	876.4	876.7	877.1	877.4
150°	894.6	895.1	895.6	896.1	896.6	896.9	897.1	897.4	897.7	898.1	898.4
152.5°	914.8	915.0	915.2	915.3	915.5	915.6	915.7	915.8	916.0	916.1	916.3
155°	933.6	933.3	932.9	932.6	932.3	932.1	932.2	932.3	932.5	932.6	932.8
157.5°	948.5	948.5	948.5	948.5	948.5	948.5	948.4	948.3	948.1	948.0	947.8
160°	962.0	961.8	961.7	961.5	961.4	961.3	961.2	961.0	960.9	960.7	960.5
162.5°	974.7	974.2	973.7	973.2	972.7	972.5	972.4	972.2	972.1	971.9	971.7
165°	984.5	984.0	983.5	983.0	982.5	982.2	982.1	982.0	981.8	981.7	981.5
167.5°	992.7	992.0	991.4	990.7	990.0	989.7	989.7	989.7	989.7	989.7	989.7
170°	999.4	998.7	998.1	997.4	996.7	996.4	996.4	996.4	996.4	996.4	996.4
172.5°	1003.9	1003.1	1002.3	1001.4	1000.6	1000.2	1000.3	1000.4	1000.6	1000.7	1000.9
175°	1007.7	1006.9	1006.0	1005.2	1004.3	1003.9	1004.0	1004.2	1004.3	1004.5	1004.7
177.5°	1009.2	1008.4	1007.5	1006.7	1005.8	1005.4	1005.5	1005.7	1005.8	1006.0	1006.2
180°	1007.7	1007.7	1007.7	1007.7	1007.7	1007.7	1007.7	1007.7	1007.7	1007.7	1007.7

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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°	18.7	19.3	20.0	20.7	21.0	21.2	21.5	21.8	22.2	22.5	22.2
92.5°	20.7	21.8	23.0	24.1	24.7	24.8	25.0	25.1	25.3	25.5	25.3
95°	24.4	25.5	26.7	27.8	28.4	28.4	28.4	28.4	28.4	28.4	28.4
97.5°	25.3	26.6	27.9	29.2	29.9	30.0	30.2	30.3	30.5	30.7	30.5
100°	26.0	27.4	28.7	30.0	30.7	30.8	30.9	31.1	31.2	31.4	31.2
102.5°	49.9	44.4	38.9	33.4	30.7	30.9	31.2	31.5	31.9	32.2	31.9
105°	134.5	105.1	75.6	46.1	31.4	31.6	31.9	32.2	32.6	32.9	32.6
107.5°	265.6	240.0	214.3	188.7	175.9	165.0	143.2	121.5	99.7	77.9	99.7
110°	332.1	326.6	321.1	315.6	312.9	301.0	277.2	253.5	229.7	205.9	229.7



TEST NUMBER: P1031056

CATALOG NUMBER: S123RDIW-B1000D755UB2750-4F0-XX-W2A-A_3000K

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	386.3	387.8	389.3	390.8	391.5	391.3	391.0	390.7	390.3	390.0	390.3
115°	431.4	433.0	434.7	436.4	437.2	437.5	438.2	438.9	439.5	440.2	439.5
117.5°	475.2	476.6	477.9	479.2	479.9	480.0	480.1	480.3	480.4	480.6	480.4
120°	517.9	519.3	520.6	521.9	522.6	522.6	522.6	522.6	522.6	522.6	522.6
122.5°	560.0	560.9	561.7	562.6	563.0	563.1	563.2	563.4	563.5	563.7	563.5
125°	599.2	599.6	599.9	600.2	600.4	600.6	600.9	601.2	601.6	601.9	601.6
127.5°	639.1	639.6	640.1	640.6	640.8	640.6	640.3	640.0	639.6	639.3	639.6
130°	674.5	675.1	675.8	676.5	676.8	676.6	676.3	676.0	675.6	675.3	675.6
132.5°	708.2	708.8	709.5	710.2	710.5	710.2	709.7	709.2	708.7	708.2	708.7
135°	742.4	742.9	743.4	743.9	744.2	743.9	743.4	742.9	742.4	741.9	742.4
137.5°	772.7	773.5	774.4	775.2	775.6	775.4	775.1	774.8	774.4	774.1	774.4
140°	801.7	802.4	803.0	803.7	804.0	803.8	803.5	803.2	802.8	802.5	802.8
142.5°	829.3	829.8	830.3	830.8	831.0	830.8	830.3	829.8	829.3	828.8	829.3
145°	854.5	854.9	855.2	855.5	855.7	855.7	855.7	855.7	855.7	855.7	855.7
147.5°	877.7	878.1	878.4	878.7	878.9	878.5	877.7	876.8	876.0	875.2	876.0
150°	898.7	899.1	899.4	899.7	899.9	899.6	899.1	898.6	898.1	897.6	898.1
152.5°	917.0	917.6	918.3	919.0	919.3	918.9	918.1	917.2	916.4	915.6	916.4
155°	933.6	934.5	935.3	936.2	936.6	936.1	935.1	934.1	933.1	932.1	933.1
157.5°	948.8	949.8	950.8	951.8	952.3	951.6	950.3	949.0	947.6	946.3	947.6
160°	961.5	962.5	963.5	964.5	965.0	964.4	963.3	962.1	961.0	959.8	961.0
162.5°	972.9	974.1	975.2	976.4	977.0	976.5	975.5	974.5	973.5	972.5	973.5
165°	982.8	984.2	985.5	986.8	987.5	986.9	985.7	984.6	983.4	982.2	983.4
167.5°	991.0	992.4	993.7	995.0	995.7	995.0	993.7	992.4	991.0	989.7	991.0
170°	997.7	999.1	1000.4	1001.7	1002.4	1001.7	1000.4	999.1	997.7	996.4	997.7
172.5°	1002.2	1003.6	1004.9	1006.2	1006.9	1006.2	1004.7	1003.2	1001.7	1000.2	1001.7
175°	1005.9	1007.0	1008.2	1009.3	1009.9	1009.2	1007.9	1006.6	1005.2	1003.9	1005.2
177.5°	1007.5	1008.9	1010.2	1011.5	1012.2	1011.4	1009.7	1008.0	1006.4	1004.7	1006.4
180°	1007.7	1007.7	1007.7	1007.7	1007.7	1007.7	1007.7	1007.7	1007.7	1007.7	1007.7

TEST NUMBER: P1031056

CATALOG NUMBER: S123RDIW-B1000D755UB2750-4FO-XX-W2A-A_3000K

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°	21.8	21.5	21.2	21.0	20.7	20.0	19.3	18.7	18.0	15.8	13.6
92.5°	25.1	25.0	24.8	24.7	24.1	23.0	21.8	20.7	19.5	18.0	16.5
95°	28.4	28.4	28.4	28.4	27.8	26.7	25.5	24.4	23.2	21.4	19.6
97.5°	30.3	30.2	30.0	29.9	29.2	27.9	26.6	25.3	24.0	32.5	40.9
100°	31.1	30.9	30.8	30.7	30.0	28.7	27.4	26.0	24.7	50.7	76.6
102.5°	31.5	31.2	30.9	30.7	33.4	38.9	44.4	49.9	55.4	84.4	113.3
105°	32.2	31.9	31.6	31.4	46.1	75.6	105.1	134.5	164.0	179.0	193.9
107.5°	121.5	143.2	165.0	175.9	188.7	214.3	240.0	265.6	291.2	288.7	286.2
110°	253.5	277.2	301.0	312.9	315.6	321.1	326.6	332.1	337.6	335.8	334.0

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CATALOG NUMBER: S123RDIW-B1000D755UB2750-4F0-XX-W2A-A_3000K

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	390.7	391.0	391.3	391.5	390.8	389.3	387.8	386.3	384.8	383.0	381.2
115°	438.9	438.2	437.5	437.2	436.4	434.7	433.0	431.4	429.7	428.2	426.7
117.5°	480.3	480.1	480.0	479.9	479.2	477.9	476.6	475.2	473.9	473.1	472.2
120°	522.6	522.6	522.6	522.6	521.9	520.6	519.3	517.9	516.6	516.1	515.6
122.5°	563.4	563.2	563.1	563.0	562.6	561.7	560.9	560.0	559.2	558.5	557.9
125°	601.2	600.9	600.6	600.4	600.2	599.9	599.6	599.2	598.9	598.2	597.6
127.5°	640.0	640.3	640.6	640.8	640.6	640.1	639.6	639.1	638.6	637.8	637.0
130°	676.0	676.3	676.6	676.8	676.5	675.8	675.1	674.5	673.8	673.1	672.5
132.5°	709.2	709.7	710.2	710.5	710.2	709.5	708.8	708.2	707.5	707.0	706.5
135°	742.9	743.4	743.9	744.2	743.9	743.4	742.9	742.4	741.9	741.2	740.6
137.5°	774.8	775.1	775.4	775.6	775.2	774.4	773.5	772.7	771.9	771.6	771.2
140°	803.2	803.5	803.8	804.0	803.7	803.0	802.4	801.7	801.1	800.6	800.1
142.5°	829.8	830.3	830.8	831.0	830.8	830.3	829.8	829.3	828.8	828.3	827.8
145°	855.7	855.7	855.7	855.7	855.5	855.2	854.9	854.5	854.2	853.9	853.5
147.5°	876.8	877.7	878.5	878.9	878.7	878.4	878.1	877.7	877.4	877.1	876.7
150°	898.6	899.1	899.6	899.9	899.7	899.4	899.1	898.7	898.4	898.1	897.7
152.5°	917.2	918.1	918.9	919.3	919.0	918.3	917.6	917.0	916.3	916.1	916.0
155°	934.1	935.1	936.1	936.6	936.2	935.3	934.5	933.6	932.8	932.6	932.5
157.5°	949.0	950.3	951.6	952.3	951.8	950.8	949.8	948.8	947.8	948.0	948.1
160°	962.1	963.3	964.4	965.0	964.5	963.5	962.5	961.5	960.5	960.7	960.9
162.5°	974.5	975.5	976.5	977.0	976.4	975.2	974.1	972.9	971.7	971.9	972.1
165°	984.6	985.7	986.9	987.5	986.8	985.5	984.2	982.8	981.5	981.7	981.8
167.5°	992.4	993.7	995.0	995.7	995.0	993.7	992.4	991.0	989.7	989.7	989.7
170°	999.1	1000.4	1001.7	1002.4	1001.7	1000.4	999.1	997.7	996.4	996.4	996.4
172.5°	1003.2	1004.7	1006.2	1006.9	1006.2	1004.9	1003.6	1002.2	1000.9	1000.7	1000.6
175°	1006.6	1007.9	1009.2	1009.9	1009.3	1008.2	1007.0	1005.9	1004.7	1004.5	1004.3
177.5°	1008.0	1009.7	1011.4	1012.2	1011.5	1010.2	1008.9	1007.5	1006.2	1006.0	1005.8
180°	1007.7	1007.7	1007.7	1007.7	1007.7	1007.7	1007.7	1007.7	1007.7	1007.7	1007.7

TEST NUMBER: P1031056

CATALOG NUMBER: S123RDIW-B1000D755UB2750-4F0-XX-W2A-A_3000K

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°	11.5	9.3	8.2	7.4	5.7	4.0	2.4	0.7	2.4	4.0	5.7
92.5°	15.0	13.5	12.7	13.2	14.2	15.2	16.2	17.2	16.2	15.2	14.2
95°	17.7	15.9	15.0	18.4	25.2	32.1	38.9	45.7	38.9	32.1	25.2
97.5°	49.4	57.9	62.1	64.4	69.1	73.8	78.4	83.1	78.4	73.8	69.1
100°	102.6	128.5	141.5	139.8	136.5	133.2	129.8	126.5	129.8	133.2	136.5
102.5°	142.3	171.2	185.7	184.6	182.4	180.3	178.1	175.9	178.1	180.3	182.4
105°	208.9	223.8	231.3	230.4	228.6	226.7	224.9	223.1	224.9	226.7	228.6
107.5°	283.7	281.2	280.0	279.3	277.8	276.3	274.8	273.3	274.8	276.3	277.8
110°	332.1	330.3	329.4	328.7	327.4	326.1	324.7	323.4	324.7	326.1	327.4

TEST NUMBER: P1031056

CATALOG NUMBER: S123RDIW-B1000D755UB2750-4F0-XX-W2A-A_3000K

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
112.5°	379.3	377.5	376.6	376.0	374.8	373.7	372.5	371.3	372.5	373.7	374.8
115°	425.2	423.7	423.0	422.5	421.5	420.5	419.5	418.5	419.5	420.5	421.5
117.5°	471.4	470.5	470.1	469.5	468.4	467.2	466.1	464.9	466.1	467.2	468.4
120°	515.1	514.6	514.3	513.6	512.1	510.6	509.1	507.6	509.1	510.6	512.1
122.5°	557.2	556.5	556.2	555.6	554.5	553.3	552.2	551.0	552.2	553.3	554.5
125°	596.9	596.2	595.9	595.2	593.9	592.6	591.2	589.9	591.2	592.6	593.9
127.5°	636.1	635.3	634.9	634.2	632.9	631.6	630.2	628.9	630.2	631.6	632.9
130°	671.8	671.1	670.8	670.1	668.8	667.5	666.1	664.8	666.1	667.5	668.8
132.5°	706.0	705.5	705.2	704.5	703.2	701.9	700.5	699.2	700.5	701.9	703.2
135°	739.9	739.2	738.9	738.4	737.4	736.4	735.4	734.4	735.4	736.4	737.4
137.5°	770.9	770.6	770.4	769.7	768.4	767.1	765.7	764.4	765.7	767.1	768.4
140°	799.6	799.1	798.8	798.3	797.3	796.3	795.3	794.3	795.3	796.3	797.3
142.5°	827.3	826.8	826.5	826.0	825.0	824.0	823.0	822.0	823.0	824.0	825.0
145°	853.2	852.9	852.7	852.1	851.0	849.8	848.7	847.5	848.7	849.8	851.0
147.5°	876.4	876.1	875.9	875.5	874.7	873.8	873.0	872.2	873.0	873.8	874.7
150°	897.4	897.1	896.9	896.6	896.1	895.6	895.1	894.6	895.1	895.6	896.1
152.5°	915.8	915.7	915.6	915.5	915.3	915.2	915.0	914.8	915.0	915.2	915.3
155°	932.3	932.2	932.1	932.3	932.6	932.9	933.3	933.6	933.3	932.9	932.6
157.5°	948.3	948.4	948.5	948.5	948.5	948.5	948.5	948.5	948.5	948.5	948.5
160°	961.0	961.2	961.3	961.4	961.5	961.7	961.8	962.0	961.8	961.7	961.5
162.5°	972.2	972.4	972.5	972.7	973.2	973.7	974.2	974.7	974.2	973.7	973.2
165°	982.0	982.1	982.2	982.5	983.0	983.5	984.0	984.5	984.0	983.5	983.0
167.5°	989.7	989.7	989.7	990.0	990.7	991.4	992.0	992.7	992.0	991.4	990.7
170°	996.4	996.4	996.4	996.7	997.4	998.1	998.7	999.4	998.7	998.1	997.4
172.5°	1000.4	1000.3	1000.2	1000.6	1001.4	1002.3	1003.1	1003.9	1003.1	1002.3	1001.4
175°	1004.2	1004.0	1003.9	1004.3	1005.2	1006.0	1006.9	1007.7	1006.9	1006.0	1005.2
177.5°	1005.7	1005.5	1005.4	1005.8	1006.7	1007.5	1008.4	1009.2	1008.4	1007.5	1006.7
180°	1007.7	1007.7	1007.7	1007.7	1007.7	1007.7	1007.7	1007.7	1007.7	1007.7	1007.7

TEST NUMBER: P1031056

CATALOG NUMBER: S123RDIW-B1000D755UB2750-4F0-XX-W2A-A_3000K

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°	7.4	8.2	9.3	11.5	13.6	15.8	18.0	18.7	19.3	20.0	20.7
92.5°	13.2	12.7	13.5	15.0	16.5	18.0	19.5	20.7	21.8	23.0	24.1
95°	18.4	15.0	15.9	17.7	19.6	21.4	23.2	24.4	25.5	26.7	27.8
97.5°	64.4	62.1	57.9	49.4	40.9	32.5	24.0	25.3	26.6	27.9	29.2
100°	139.8	141.5	128.5	102.6	76.6	50.7	24.7	26.0	27.4	28.7	30.0
102.5°	184.6	185.7	171.2	142.3	113.3	84.4	55.4	49.9	44.4	38.9	33.4
105°	230.4	231.3	223.8	208.9	193.9	179.0	164.0	134.5	105.1	75.6	46.1
107.5°	279.3	280.0	281.2	283.7	286.2	288.7	291.2	265.6	240.0	214.3	188.7
110°	328.7	329.4	330.3	332.1	334.0	335.8	337.6	332.1	326.6	321.1	315.6

TEST NUMBER: P1031056

CATALOG NUMBER: S123RDIW-B1000D755UB2750-4F0-XX-W2A-A_3000K

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
112.5°	376.0	376.6	377.5	379.3	381.2	383.0	384.8	386.3	387.8	389.3	390.8
115°	422.5	423.0	423.7	425.2	426.7	428.2	429.7	431.4	433.0	434.7	436.4
117.5°	469.5	470.1	470.5	471.4	472.2	473.1	473.9	475.2	476.6	477.9	479.2
120°	513.6	514.3	514.6	515.1	515.6	516.1	516.6	517.9	519.3	520.6	521.9
122.5°	555.6	556.2	556.5	557.2	557.9	558.5	559.2	560.0	560.9	561.7	562.6
125°	595.2	595.9	596.2	596.9	597.6	598.2	598.9	599.2	599.6	599.9	600.2
127.5°	634.2	634.9	635.3	636.1	637.0	637.8	638.6	639.1	639.6	640.1	640.6
130°	670.1	670.8	671.1	671.8	672.5	673.1	673.8	674.5	675.1	675.8	676.5
132.5°	704.5	705.2	705.5	706.0	706.5	707.0	707.5	708.2	708.8	709.5	710.2
135°	738.4	738.9	739.2	739.9	740.6	741.2	741.9	742.4	742.9	743.4	743.9
137.5°	769.7	770.4	770.6	770.9	771.2	771.6	771.9	772.7	773.5	774.4	775.2
140°	798.3	798.8	799.1	799.6	800.1	800.6	801.1	801.7	802.4	803.0	803.7
142.5°	826.0	826.5	826.8	827.3	827.8	828.3	828.8	829.3	829.8	830.3	830.8
145°	852.1	852.7	852.9	853.2	853.5	853.9	854.2	854.5	854.9	855.2	855.5
147.5°	875.5	875.9	876.1	876.4	876.7	877.1	877.4	877.7	878.1	878.4	878.7
150°	896.6	896.9	897.1	897.4	897.7	898.1	898.4	898.7	899.1	899.4	899.7
152.5°	915.5	915.6	915.7	915.8	916.0	916.1	916.3	917.0	917.6	918.3	919.0
155°	932.3	932.1	932.2	932.3	932.5	932.6	932.8	933.6	934.5	935.3	936.2
157.5°	948.5	948.5	948.4	948.3	948.1	948.0	947.8	948.8	949.8	950.8	951.8
160°	961.4	961.3	961.2	961.0	960.9	960.7	960.5	961.5	962.5	963.5	964.5
162.5°	972.7	972.5	972.4	972.2	972.1	971.9	971.7	972.9	974.1	975.2	976.4
165°	982.5	982.2	982.1	982.0	981.8	981.7	981.5	982.8	984.2	985.5	986.8
167.5°	990.0	989.7	989.7	989.7	989.7	989.7	989.7	991.0	992.4	993.7	995.0
170°	996.7	996.4	996.4	996.4	996.4	996.4	996.4	997.7	999.1	1000.4	1001.7
172.5°	1000.6	1000.2	1000.3	1000.4	1000.6	1000.7	1000.9	1002.2	1003.6	1004.9	1006.2
175°	1004.3	1003.9	1004.0	1004.2	1004.3	1004.5	1004.7	1005.9	1007.0	1008.2	1009.3
177.5°	1005.8	1005.4	1005.5	1005.7	1005.8	1006.0	1006.2	1007.5	1008.9	1010.2	1011.5
180°	1007.7	1007.7	1007.7	1007.7	1007.7	1007.7	1007.7	1007.7	1007.7	1007.7	1007.7

TEST NUMBER: P1031056

CATALOG NUMBER: S123RDIW-B1000D755UB2750-4F0-XX-W2A-A_3000K

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°	21.0	21.2	21.5	21.8	22.2	22.5	22.2	21.8	21.5	21.2	21.0
92.5°	24.7	24.8	25.0	25.1	25.3	25.5	25.3	25.1	25.0	24.8	24.7
95°	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4
97.5°	29.9	30.0	30.2	30.3	30.5	30.7	30.5	30.3	30.2	30.0	29.9
100°	30.7	30.8	30.9	31.1	31.2	31.4	31.2	31.1	30.9	30.8	30.7
102.5°	30.7	30.9	31.2	31.5	31.9	32.2	31.9	31.5	31.2	30.9	30.7
105°	31.4	31.6	31.9	32.2	32.6	32.9	32.6	32.2	31.9	31.6	31.4
107.5°	175.9	165.0	143.2	121.5	99.7	77.9	99.7	121.5	143.2	165.0	175.9
110°	312.9	301.0	277.2	253.5	229.7	205.9	229.7	253.5	277.2	301.0	312.9

TEST NUMBER: P1031056

CATALOG NUMBER: S123RDIW-B1000D755UB2750-4F0-XX-W2A-A_3000K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
112.5°	391.5	391.3	391.0	390.7	390.3	390.0	390.3	390.7	391.0	391.3	391.5
115°	437.2	437.5	438.2	438.9	439.5	440.2	439.5	438.9	438.2	437.5	437.2
117.5°	479.9	480.0	480.1	480.3	480.4	480.6	480.4	480.3	480.1	480.0	479.9
120°	522.6	522.6	522.6	522.6	522.6	522.6	522.6	522.6	522.6	522.6	522.6
122.5°	563.0	563.1	563.2	563.4	563.5	563.7	563.5	563.4	563.2	563.1	563.0
125°	600.4	600.6	600.9	601.2	601.6	601.9	601.6	601.2	600.9	600.6	600.4
127.5°	640.8	640.6	640.3	640.0	639.6	639.3	639.6	640.0	640.3	640.6	640.8
130°	676.8	676.6	676.3	676.0	675.6	675.3	675.6	676.0	676.3	676.6	676.8
132.5°	710.5	710.2	709.7	709.2	708.7	708.2	708.7	709.2	709.7	710.2	710.5
135°	744.2	743.9	743.4	742.9	742.4	741.9	742.4	742.9	743.4	743.9	744.2
137.5°	775.6	775.4	775.1	774.8	774.4	774.1	774.4	774.8	775.1	775.4	775.6
140°	804.0	803.8	803.5	803.2	802.8	802.5	802.8	803.2	803.5	803.8	804.0
142.5°	831.0	830.8	830.3	829.8	829.3	828.8	829.3	829.8	830.3	830.8	831.0
145°	855.7	855.7	855.7	855.7	855.7	855.7	855.7	855.7	855.7	855.7	855.7
147.5°	878.9	878.5	877.7	876.8	876.0	875.2	876.0	876.8	877.7	878.5	878.9
150°	899.9	899.6	899.1	898.6	898.1	897.6	898.1	898.6	899.1	899.6	899.9
152.5°	919.3	918.9	918.1	917.2	916.4	915.6	916.4	917.2	918.1	918.9	919.3
155°	936.6	936.1	935.1	934.1	933.1	932.1	933.1	934.1	935.1	936.1	936.6
157.5°	952.3	951.6	950.3	949.0	947.6	946.3	947.6	949.0	950.3	951.6	952.3
160°	965.0	964.4	963.3	962.1	961.0	959.8	961.0	962.1	963.3	964.4	965.0
162.5°	977.0	976.5	975.5	974.5	973.5	972.5	973.5	974.5	975.5	976.5	977.0
165°	987.5	986.9	985.7	984.6	983.4	982.2	983.4	984.6	985.7	986.9	987.5
167.5°	995.7	995.0	993.7	992.4	991.0	989.7	991.0	992.4	993.7	995.0	995.7
170°	1002.4	1001.7	1000.4	999.1	997.7	996.4	997.7	999.1	1000.4	1001.7	1002.4
172.5°	1006.9	1006.2	1004.7	1003.2	1001.7	1000.2	1001.7	1003.2	1004.7	1006.2	1006.9
175°	1009.9	1009.2	1007.9	1006.6	1005.2	1003.9	1005.2	1006.6	1007.9	1009.2	1009.9
177.5°	1012.2	1011.4	1009.7	1008.0	1006.4	1004.7	1006.4	1008.0	1009.7	1011.4	1012.2
180°	1007.7	1007.7	1007.7	1007.7	1007.7	1007.7	1007.7	1007.7	1007.7	1007.7	1007.7

TEST NUMBER: P1031056

CATALOG NUMBER: S123RDIW-B1000D755UB2750-4F0-XX-W2A-A_3000K

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°	20.7	20.0	19.3	18.7	18.0	15.8	13.6	11.5	9.3	8.2	7.4
92.5°	24.1	23.0	21.8	20.7	19.5	18.0	16.5	15.0	13.5	12.7	13.2
95°	27.8	26.7	25.5	24.4	23.2	21.4	19.6	17.7	15.9	15.0	18.4
97.5°	29.2	27.9	26.6	25.3	24.0	32.5	40.9	49.4	57.9	62.1	64.4
100°	30.0	28.7	27.4	26.0	24.7	50.7	76.6	102.6	128.5	141.5	139.8
102.5°	33.4	38.9	44.4	49.9	55.4	84.4	113.3	142.3	171.2	185.7	184.6
105°	46.1	75.6	105.1	134.5	164.0	179.0	193.9	208.9	223.8	231.3	230.4
107.5°	188.7	214.3	240.0	265.6	291.2	288.7	286.2	283.7	281.2	280.0	279.3
110°	315.6	321.1	326.6	332.1	337.6	335.8	334.0	332.1	330.3	329.4	328.7

TEST NUMBER: P1031056

CATALOG NUMBER: S123RDIW-B1000D755UB2750-4F0-XX-W2A-A_3000K

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
112.5°	390.8	389.3	387.8	386.3	384.8	383.0	381.2	379.3	377.5	376.6	376.0
115°	436.4	434.7	433.0	431.4	429.7	428.2	426.7	425.2	423.7	423.0	422.5
117.5°	479.2	477.9	476.6	475.2	473.9	473.1	472.2	471.4	470.5	470.1	469.5
120°	521.9	520.6	519.3	517.9	516.6	516.1	515.6	515.1	514.6	514.3	513.6
122.5°	562.6	561.7	560.9	560.0	559.2	558.5	557.9	557.2	556.5	556.2	555.6
125°	600.2	599.9	599.6	599.2	598.9	598.2	597.6	596.9	596.2	595.9	595.2
127.5°	640.6	640.1	639.6	639.1	638.6	637.8	637.0	636.1	635.3	634.9	634.2
130°	676.5	675.8	675.1	674.5	673.8	673.1	672.5	671.8	671.1	670.8	670.1
132.5°	710.2	709.5	708.8	708.2	707.5	707.0	706.5	706.0	705.5	705.2	704.5
135°	743.9	743.4	742.9	742.4	741.9	741.2	740.6	739.9	739.2	738.9	738.4
137.5°	775.2	774.4	773.5	772.7	771.9	771.6	771.2	770.9	770.6	770.4	769.7
140°	803.7	803.0	802.4	801.7	801.1	800.6	800.1	799.6	799.1	798.8	798.3
142.5°	830.8	830.3	829.8	829.3	828.8	828.3	827.8	827.3	826.8	826.5	826.0
145°	855.5	855.2	854.9	854.5	854.2	853.9	853.5	853.2	852.9	852.7	852.1
147.5°	878.7	878.4	878.1	877.7	877.4	877.1	876.7	876.4	876.1	875.9	875.5
150°	899.7	899.4	899.1	898.7	898.4	898.1	897.7	897.4	897.1	896.9	896.6
152.5°	919.0	918.3	917.6	917.0	916.3	916.1	916.0	915.8	915.7	915.6	915.5
155°	936.2	935.3	934.5	933.6	932.8	932.6	932.5	932.3	932.2	932.1	932.3
157.5°	951.8	950.8	949.8	948.8	947.8	948.0	948.1	948.3	948.4	948.5	948.5
160°	964.5	963.5	962.5	961.5	960.5	960.7	960.9	961.0	961.2	961.3	961.4
162.5°	976.4	975.2	974.1	972.9	971.7	971.9	972.1	972.2	972.4	972.5	972.7
165°	986.8	985.5	984.2	982.8	981.5	981.7	981.8	982.0	982.1	982.2	982.5
167.5°	995.0	993.7	992.4	991.0	989.7	989.7	989.7	989.7	989.7	989.7	990.0
170°	1001.7	1000.4	999.1	997.7	996.4	996.4	996.4	996.4	996.4	996.4	996.7
172.5°	1006.2	1004.9	1003.6	1002.2	1000.9	1000.7	1000.6	1000.4	1000.3	1000.2	1000.6
175°	1009.3	1008.2	1007.0	1005.9	1004.7	1004.5	1004.3	1004.2	1004.0	1003.9	1004.3
177.5°	1011.5	1010.2	1008.9	1007.5	1006.2	1006.0	1005.8	1005.7	1005.5	1005.4	1005.8
180°	1007.7	1007.7	1007.7	1007.7	1007.7	1007.7	1007.7	1007.7	1007.7	1007.7	1007.7

TEST NUMBER: P1031056

CATALOG NUMBER: S123RDIW-B1000D755UB2750-4F0-XX-W2A-A_3000K

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°	5.7	4.0	2.4	0.7
92.5°	14.2	15.2	16.2	17.2
95°	25.2	32.1	38.9	45.7
97.5°	69.1	73.8	78.4	83.1
100°	136.5	133.2	129.8	126.5
102.5°	182.4	180.3	178.1	175.9
105°	228.6	226.7	224.9	223.1
107.5°	277.8	276.3	274.8	273.3
110°	327.4	326.1	324.7	323.4

TEST NUMBER: P1031056

CATALOG NUMBER: S123RDIW-B1000D755UB2750-4F0-XX-W2A-A_3000K

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
112.5°	374.8	373.7	372.5	371.3
115°	421.5	420.5	419.5	418.5
117.5°	468.4	467.2	466.1	464.9
120°	512.1	510.6	509.1	507.6
122.5°	554.5	553.3	552.2	551.0
125°	593.9	592.6	591.2	589.9
127.5°	632.9	631.6	630.2	628.9
130°	668.8	667.5	666.1	664.8
132.5°	703.2	701.9	700.5	699.2
135°	737.4	736.4	735.4	734.4
137.5°	768.4	767.1	765.7	764.4
140°	797.3	796.3	795.3	794.3
142.5°	825.0	824.0	823.0	822.0
145°	851.0	849.8	848.7	847.5
147.5°	874.7	873.8	873.0	872.2
150°	896.1	895.6	895.1	894.6
152.5°	915.3	915.2	915.0	914.8
155°	932.6	932.9	933.3	933.6
157.5°	948.5	948.5	948.5	948.5
160°	961.5	961.7	961.8	962.0
162.5°	973.2	973.7	974.2	974.7
165°	983.0	983.5	984.0	984.5
167.5°	990.7	991.4	992.0	992.7
170°	997.4	998.1	998.7	999.4
172.5°	1001.4	1002.3	1003.1	1003.9
175°	1005.2	1006.0	1006.9	1007.7
177.5°	1006.7	1007.5	1008.4	1009.2
180°	1007.7	1007.7	1007.7	1007.7

(END OF REPORT)