

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: P1032106

Luminaire Tested: S123RDIW-B1165D1320UB35-4F0-XX-W2A-A

Issue Date: 5/7/2025

Test Information

Test Method: LM-79-2019
Report Number: P1032106
REPORT IS A COMBINATION OF REPORTS P994009 AND P1007351
Test Lab: INNOVATION CENTER
Issue Date: 5/7/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: NEO-RAY
Catalog Number: S123RDIW-B1165D1320UB35-4F0-XX-W2A-A
Description: Define 3 Regressed Direct/Indirect Wall Mount with 3500K BioUP LEDs {m-DER=0.721}
{m-EER=0.792}
Light Source: -
Ballast/Driver: -

Summary

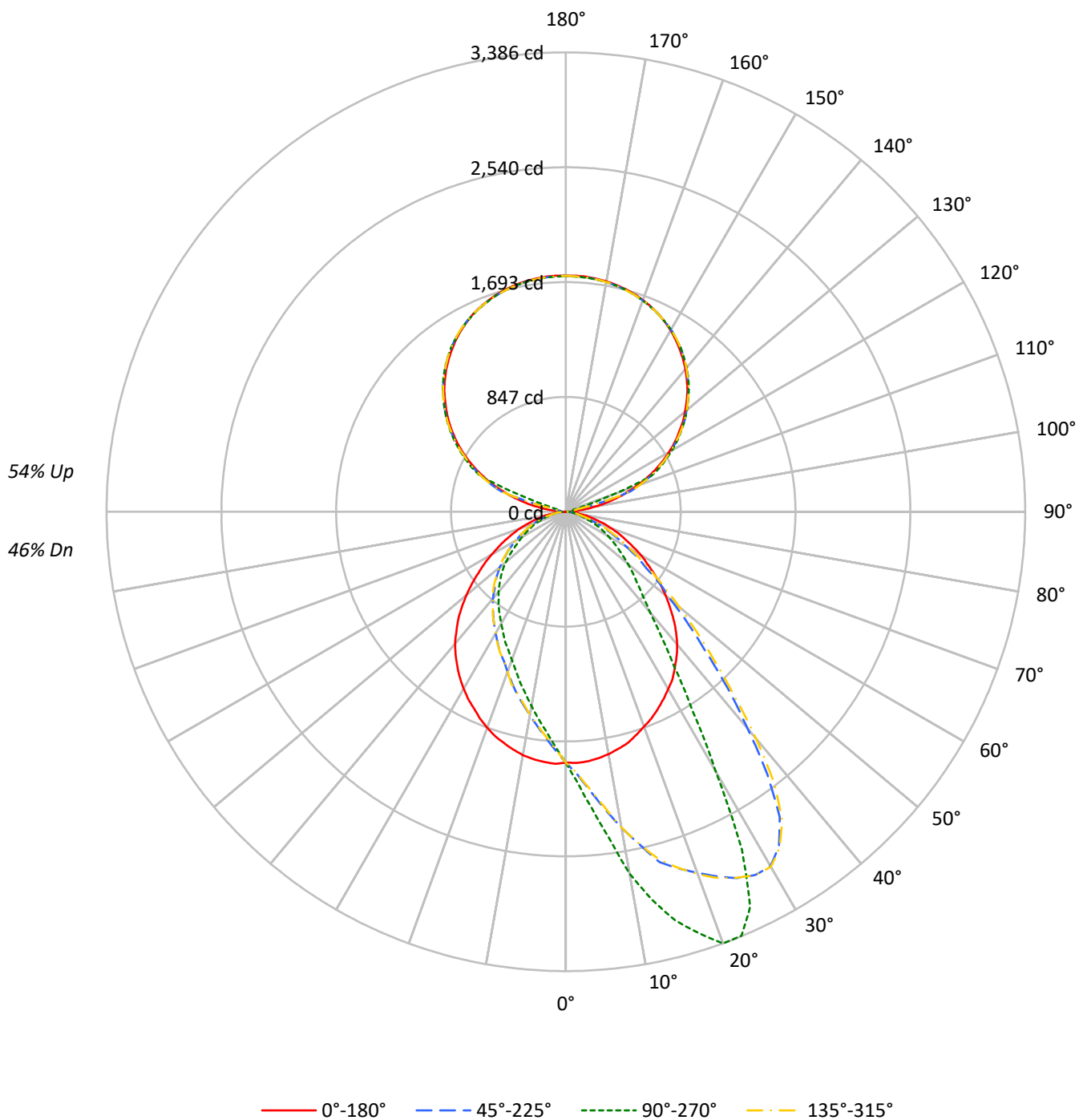
Lumens per Lamp: N/A
Luminaire Lumens: 9907.0 lumens
Efficiency: N/A
Efficacy: 95.8 lumens/watt
Spacing Criteria (0/90/45): 1.22 / 1.2 / 1.34
Luminous Opening: Rectangular w/ Sides (W: 0.25' x L: 4' x H: 0.1')
CIE Type: General Diffuse

Input Watts (W): 103.4
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	50	30	10
RCR																				
0	106	106	106	106	98	98	98	98	81	81	81	67	67	67	53	53	53	46		
1	98	93	90	86	89	86	83	80	72	70	68	59	58	56	48	47	46	40		
2	89	82	76	72	82	76	71	67	64	60	57	53	50	48	43	41	39	35		
3	82	73	66	60	75	67	61	56	57	52	49	47	44	41	38	36	34	30		
4	75	65	57	51	69	60	53	48	51	46	42	42	39	36	34	32	30	26		
5	69	58	50	44	63	54	47	42	46	40	36	38	34	31	31	29	26	23		
6	64	52	44	39	58	48	41	36	41	36	32	35	31	28	29	26	23	20		
7	59	47	39	34	54	44	37	32	38	32	28	32	28	25	26	23	21	18		
8	55	43	35	30	50	40	33	29	34	29	25	29	25	22	24	21	19	17		
9	51	39	32	27	47	37	30	26	32	26	23	27	23	20	22	19	17	15		
10	48	36	29	24	44	34	27	23	29	24	21	25	21	18	21	18	16	14		

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	19894	19894	19894	19894
5°	19909	22912	19960	16998
10°	19732	27657	19819	14847
15°	19530	31390	19530	13091
20°	19129	33859	19237	11613
25°	18837	32168	18799	10596
30°	18495	22288	18457	9602
35°	18085	14310	18002	8853
40°	17573	10105	17487	8107
45°	16684	8086	16662	7381
50°	15593	6764	15541	6532
55°	14363	5575	14249	5537
60°	13159	4609	13026	4709
65°	11744	3688	11818	3991
70°	10437	2562	10716	3227
75°	8848	1900	9209	2481
80°	7047	1261	7644	1860
85°	5014	596	5475	1157

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 30°

Vertical Angle: 45°

Luminance: 26558 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	181.5	1.8
10°-20°	568.1	5.7
20°-30°	894.8	9.0
30°-40°	930.5	9.4
40°-50°	796.0	8.0
50°-60°	606.9	6.1
60°-70°	388.8	3.9
70°-80°	186.3	1.9
80°-90°	52.5	0.5
90°-100°	61.3	0.6
100°-110°	296.5	3.0
110°-120°	726.6	7.3
120°-130°	922.4	9.3
130°-140°	985.3	9.9
140°-150°	921.4	9.3
150°-160°	743.2	7.5
160°-170°	479.6	4.8
170°-180°	165.3	1.7
0°-30°	1644.5	16.6
0°-40°	2574.9	26.0
0°-60°	3977.9	40.2
0°-90°	4605.5	46.5
90°-120°	1084.4	10.9
90°-150°	3913.4	39.5
90°-180°	5302.0	53.5
0°-180°	9907.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1848	1848	1848	1848	1848	
5°	1847	2195	1851	1628	1847	175
15°	1764	3119	1764	1301	1764	496
25°	1604	3214	1601	1059	1604	739
35°	1400	1394	1394	862	1400	876
45°	1123	744	1122	679	1123	865
55°	793	467	786	464	793	710
65°	486	269	489	291	486	485
75°	233	114	242	149	233	251
85°	52	27	57	52	52	58
90°	1	39	1	39	1	7
95°	79	49	79	49	79	94
105°	385	57	385	57	385	408
115°	722	760	722	760	722	713
125°	1018	1039	1018	1039	1018	910
135°	1267	1280	1267	1280	1267	976
145°	1462	1477	1462	1477	1462	916
155°	1611	1608	1611	1608	1611	742
165°	1699	1695	1699	1695	1699	480
175°	1739	1733	1739	1733	1739	166
180°	1739	1739	1739	1739	1739	

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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	1848.2	1848.2	1848.2	1848.2	1848.2	1848.2	1848.2	1848.2	1848.2	1848.2	1848.2
2.5°	1852.9	1865.6	1875.1	1881.4	1897.2	1906.7	1914.6	1928.9	1928.9	1932.0	1938.3
5°	1846.6	1873.5	1892.5	1917.8	1951.0	1966.8	1989.0	2008.0	2034.9	2049.1	2063.3
7.5°	1832.3	1870.3	1909.9	1947.8	1996.9	2028.5	2050.7	2099.7	2134.6	2177.3	2210.5
10°	1813.3	1865.6	1916.2	1974.7	2041.2	2088.7	2121.9	2186.8	2253.2	2313.4	2364.0
12.5°	1789.6	1852.9	1925.7	1996.9	2090.2	2137.7	2191.5	2272.2	2367.2	2443.1	2511.1
15°	1764.3	1837.1	1919.4	2006.4	2123.5	2189.9	2267.5	2365.6	2471.6	2580.8	2674.1
17.5°	1724.7	1816.5	1908.3	2034.9	2172.5	2212.1	2278.5	2413.0	2544.4	2642.5	2756.4
20°	1685.2	1788.0	1903.5	2017.5	2166.2	2258.0	2319.7	2462.1	2602.9	2721.6	2830.8
22.5°	1648.8	1756.4	1876.6	2020.6	2159.9	2251.6	2329.2	2477.9	2640.9	2773.8	2908.3
25°	1604.5	1721.6	1854.5	1990.6	2159.9	2229.5	2314.9	2487.4	2659.9	2813.4	2979.5
27.5°	1557.0	1675.7	1807.0	1946.3	2101.3	2204.2	2288.0	2473.2	2683.6	2848.2	3019.1
30°	1509.5	1631.4	1758.0	1883.0	2057.0	2155.1	2251.6	2455.8	2696.3	2884.6	3015.9
32.5°	1463.6	1566.5	1691.5	1813.3	1985.8	2093.4	2202.6	2438.4	2701.0	2859.3	2922.5
35°	1400.4	1508.0	1609.2	1739.0	1913.0	2019.0	2147.2	2436.8	2680.5	2778.6	2746.9
37.5°	1341.8	1432.0	1528.5	1644.0	1822.8	1960.5	2093.4	2395.6	2612.4	2618.7	2439.9
40°	1276.9	1351.3	1432.0	1553.8	1746.9	1883.0	2027.0	2332.3	2489.0	2395.6	2080.8
42.5°	1202.6	1269.0	1332.3	1451.0	1661.4	1813.3	1968.4	2253.2	2310.2	2095.0	1767.5
45°	1123.4	1177.2	1235.8	1360.8	1571.2	1721.6	1876.6	2131.4	2072.8	1769.0	1457.3
47.5°	1041.2	1087.1	1144.0	1257.9	1474.7	1628.2	1775.4	1957.3	1808.6	1482.6	1221.6
50°	958.9	995.3	1050.7	1167.8	1376.6	1515.9	1651.9	1770.6	1561.8	1272.2	1009.5
52.5°	878.2	906.7	963.6	1063.3	1265.9	1398.8	1496.9	1542.8	1330.7	1050.7	876.6
55°	792.7	824.4	862.4	963.6	1164.6	1262.7	1327.6	1326.0	1107.6	890.8	724.7
57.5°	710.5	738.9	772.2	873.4	1036.4	1102.9	1158.3	1131.4	924.1	729.5	621.9
60°	637.7	653.5	689.9	775.3	898.8	955.7	987.4	941.5	754.8	615.5	514.3
62.5°	558.6	574.4	604.4	685.1	761.1	791.2	818.1	759.5	623.4	501.6	439.9
65°	485.8	506.3	525.3	590.2	631.3	667.7	664.6	615.5	487.4	408.2	357.6
67.5°	422.5	430.4	446.2	485.8	504.8	531.7	533.2	477.9	392.4	332.3	302.2
70°	354.4	362.4	373.4	392.4	405.1	411.4	408.2	359.2	295.9	259.5	232.6
72.5°	295.9	294.3	302.2	302.2	314.9	313.3	303.8	265.8	224.7	194.6	178.8
75°	232.6	234.2	235.8	232.6	227.9	221.5	213.6	185.1	158.2	144.0	129.8
77.5°	182.0	178.8	180.4	169.3	163.0	156.6	145.6	131.3	109.2	106.0	99.7
80°	129.8	128.2	126.6	121.8	107.6	101.3	93.4	85.4	80.7	77.5	76.0
82.5°	87.0	87.0	83.9	74.4	66.5	61.7	60.1	57.0	52.2	52.2	50.6
85°	52.2	50.6	47.5	38.0	33.2	33.2	33.2	33.2	30.1	30.1	28.5
87.5°	20.6	19.0	14.2	14.2	12.7	12.7	12.7	11.1	11.1	9.5	9.5
90°	1.3	4.2	7.0	9.9	12.8	14.2	16.1	19.8	23.5	27.3	31.0
92.5°	29.7	28.0	26.3	24.6	22.9	22.0	23.3	25.9	28.4	31.0	33.6
95°	78.8	67.0	55.2	43.5	31.7	25.8	27.4	30.6	33.7	36.9	40.1
97.5°	143.4	135.4	127.3	119.3	111.2	107.2	99.9	85.2	70.6	55.9	41.3
100°	218.3	224.1	229.8	235.6	241.3	244.2	221.8	177.0	132.2	87.4	42.6
102.5°	303.6	307.3	311.1	314.8	318.5	320.4	295.4	245.5	195.5	145.6	95.6
105°	385.0	388.2	391.3	394.5	397.6	399.2	386.3	360.4	334.6	308.7	282.9
107.5°	471.6	474.2	476.8	479.3	481.9	483.2	485.4	489.7	494.0	498.3	502.6
110°	558.1	560.4	562.7	565.0	567.3	568.5	570.1	573.2	576.4	579.5	582.7

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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	640.8	642.8	644.8	646.9	648.9	649.9	651.5	654.6	657.8	660.9	664.1
115°	722.2	723.9	725.7	727.4	729.1	730.0	731.3	733.9	736.4	739.0	741.6
117.5°	802.3	804.3	806.3	808.4	810.4	811.4	812.1	813.5	815.0	816.4	817.8
120°	876.0	878.6	881.2	883.7	886.3	887.6	888.0	888.9	889.8	890.6	891.5
122.5°	950.9	952.9	954.9	956.9	958.9	959.9	960.5	961.6	962.8	963.9	965.1
125°	1018.1	1020.4	1022.7	1025.0	1027.3	1028.4	1029.0	1030.1	1031.3	1032.4	1033.6
127.5°	1085.3	1087.6	1089.9	1092.2	1094.5	1095.6	1096.3	1097.8	1099.2	1100.7	1102.1
130°	1147.3	1149.6	1151.9	1154.2	1156.5	1157.6	1158.2	1159.3	1160.5	1161.6	1162.8
132.5°	1206.7	1209.0	1211.3	1213.6	1215.9	1217.1	1217.5	1218.4	1219.2	1220.1	1220.9
135°	1267.4	1269.1	1270.9	1272.6	1274.3	1275.2	1275.8	1276.9	1278.1	1279.2	1280.4
137.5°	1319.1	1321.4	1323.7	1326.0	1328.3	1329.5	1329.8	1330.3	1330.9	1331.4	1332.0
140°	1370.8	1372.5	1374.2	1375.9	1377.6	1378.5	1378.9	1379.8	1380.7	1381.5	1382.4
142.5°	1418.6	1420.3	1422.1	1423.8	1425.5	1426.4	1426.8	1427.7	1428.5	1429.4	1430.2
145°	1462.5	1464.5	1466.5	1468.6	1470.6	1471.6	1471.9	1472.5	1473.0	1473.6	1474.2
147.5°	1505.2	1506.6	1508.0	1509.5	1510.9	1511.6	1511.9	1512.5	1513.0	1513.6	1514.2
150°	1543.9	1544.8	1545.6	1546.5	1547.4	1547.8	1548.1	1548.7	1549.2	1549.8	1550.4
152.5°	1578.8	1579.1	1579.4	1579.7	1580.0	1580.1	1580.2	1580.5	1580.8	1581.1	1581.4
155°	1611.1	1610.5	1609.9	1609.4	1608.8	1608.5	1608.6	1608.9	1609.2	1609.5	1609.8
157.5°	1636.9	1636.9	1636.9	1636.9	1636.9	1636.9	1636.8	1636.5	1636.2	1636.0	1635.7
160°	1660.2	1659.9	1659.6	1659.3	1659.0	1658.9	1658.8	1658.5	1658.2	1657.9	1657.6
162.5°	1682.2	1681.3	1680.5	1679.6	1678.7	1678.3	1678.2	1677.9	1677.6	1677.3	1677.0
165°	1699.0	1698.1	1697.3	1696.4	1695.5	1695.1	1695.0	1694.7	1694.4	1694.1	1693.8
167.5°	1713.2	1712.0	1710.9	1709.7	1708.6	1708.0	1708.0	1708.0	1708.0	1708.0	1708.0
170°	1724.8	1723.6	1722.5	1721.3	1720.2	1719.6	1719.6	1719.6	1719.6	1719.6	1719.6
172.5°	1732.6	1731.2	1729.7	1728.3	1726.8	1726.1	1726.2	1726.5	1726.8	1727.1	1727.4
175°	1739.0	1737.6	1736.2	1734.7	1733.3	1732.6	1732.7	1733.0	1733.3	1733.5	1733.8
177.5°	1741.6	1740.2	1738.7	1737.3	1735.8	1735.1	1735.2	1735.5	1735.8	1736.1	1736.4
180°	1739.0	1739.0	1739.0	1739.0	1739.0	1739.0	1739.0	1739.0	1739.0	1739.0	1739.0

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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	1848.2	1848.2	1848.2	1848.2	1848.2	1848.2	1848.2	1848.2	1848.2	1848.2	1848.2
2.5°	1951.0	1951.0	1965.2	1979.5	1971.6	1976.3	1993.7	1987.4	2000.1	1998.5	2003.2
5°	2098.2	2115.6	2129.8	2159.9	2164.6	2159.9	2189.9	2197.8	2212.1	2194.7	2202.6
7.5°	2264.3	2300.7	2335.5	2379.8	2394.1	2397.2	2413.0	2435.2	2454.2	2419.4	2436.8
10°	2425.7	2481.1	2552.3	2591.8	2626.7	2639.3	2652.0	2666.2	2688.4	2708.9	2693.1
12.5°	2599.8	2680.5	2748.5	2819.7	2862.4	2857.7	2894.1	2903.6	2921.0	2925.7	2932.0
15°	2742.2	2856.1	2898.8	3004.8	3014.3	3046.0	3087.1	3123.5	3128.3	3118.8	3118.8
17.5°	2878.2	2976.3	3052.3	3137.7	3155.1	3182.0	3234.3	3251.7	3258.0	3256.4	3256.4
20°	2989.0	3053.9	3182.0	3253.3	3281.7	3316.5	3352.9	3375.1	3379.8	3386.2	3376.7
22.5°	3061.8	3159.9	3264.3	3322.9	3346.6	3359.3	3383.0	3389.3	3381.4	3383.0	3384.6
25°	3118.8	3215.3	3278.6	3294.4	3292.8	3277.0	3259.6	3229.5	3226.4	3213.7	3188.4
27.5°	3134.6	3171.0	3163.1	3098.2	3033.3	3027.0	2922.5	2865.6	2800.7	2810.2	2773.8
30°	3049.1	3001.7	2889.3	2724.8	2656.7	2546.0	2428.9	2307.0	2259.6	2207.3	2303.9
32.5°	2840.3	2671.0	2471.6	2258.0	2144.0	2045.9	1920.9	1832.3	1781.7	1739.0	1821.3
35°	2525.4	2261.1	1996.9	1794.4	1701.0	1612.4	1495.3	1451.0	1387.7	1394.0	1401.9
37.5°	2120.3	1829.2	1629.8	1430.4	1368.7	1332.3	1246.9	1178.8	1156.7	1150.3	1150.3
40°	1740.6	1501.6	1324.4	1167.8	1120.3	1090.2	1022.2	990.5	966.8	960.5	968.4
42.5°	1439.9	1235.8	1098.1	993.7	960.5	922.5	894.0	854.5	849.7	838.6	852.9
45°	1208.9	1031.7	928.8	852.9	824.4	810.1	778.5	754.8	745.3	743.7	754.8
47.5°	1025.3	887.7	797.5	750.0	727.9	713.6	686.7	677.2	667.7	670.9	666.2
50°	860.8	757.9	699.4	656.7	642.4	628.2	610.8	601.3	596.5	596.5	595.0
52.5°	738.9	653.5	615.5	576.0	569.6	561.7	542.7	536.4	528.5	526.9	533.2
55°	632.9	574.4	536.4	512.7	506.3	490.5	482.6	474.7	469.9	466.8	468.4
57.5°	541.2	496.8	471.5	451.0	439.9	433.6	419.3	417.7	414.6	414.6	413.0
60°	465.2	433.6	403.5	390.8	382.9	375.0	373.4	363.9	359.2	362.4	360.8
62.5°	394.0	368.7	351.3	337.0	332.3	326.0	321.2	318.0	313.3	314.9	314.9
65°	329.1	308.6	295.9	283.2	281.7	275.3	273.7	270.6	270.6	269.0	272.2
67.5°	270.6	256.3	245.3	237.3	232.6	234.2	227.9	223.1	223.1	221.5	226.3
70°	215.2	207.3	196.2	186.7	180.4	180.4	172.5	170.9	170.9	170.9	169.3
72.5°	166.1	151.9	147.2	144.0	144.0	144.0	140.8	140.8	139.2	140.8	139.2
75°	123.4	121.8	118.7	117.1	117.1	115.5	113.9	113.9	113.9	113.9	113.9
77.5°	96.5	96.5	93.4	91.8	91.8	91.8	90.2	90.2	88.6	88.6	88.6
80°	71.2	71.2	68.0	68.0	68.0	66.5	66.5	66.5	68.0	66.5	66.5
82.5°	49.1	49.1	47.5	49.1	47.5	45.9	45.9	45.9	44.3	45.9	45.9
85°	28.5	28.5	26.9	25.3	26.9	26.9	25.3	26.9	25.3	26.9	25.3
87.5°	11.1	9.5	9.5	9.5	7.9	9.5	7.9	7.9	9.5	7.9	9.5
90°	32.2	33.3	34.5	35.6	36.2	36.5	37.1	37.6	38.2	38.8	38.2
92.5°	35.6	37.6	39.6	41.6	42.6	42.7	43.0	43.3	43.6	43.9	43.6
95°	42.1	44.1	46.1	48.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1
97.5°	43.6	45.9	48.2	50.5	51.7	51.8	52.1	52.4	52.7	53.0	52.7
100°	44.9	47.2	49.5	51.8	53.0	53.1	53.4	53.7	54.0	54.3	54.0
102.5°	86.1	76.7	67.2	57.7	53.0	53.3	53.9	54.4	55.0	55.6	55.0
105°	232.1	181.3	130.5	79.7	54.3	54.6	55.1	55.7	56.2	56.8	56.2
107.5°	458.4	414.2	369.9	325.7	303.6	284.8	247.2	209.6	172.0	134.4	172.0
110°	573.2	563.7	554.2	544.7	540.0	519.5	478.4	437.4	396.3	355.3	396.3

TEST NUMBER: P1032106

CATALOG NUMBER: S123RDIW-B1165D1320UB35-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	666.7	669.3	671.8	674.4	675.7	675.4	674.8	674.3	673.7	673.1	673.7
115°	744.5	747.3	750.2	753.1	754.5	755.1	756.2	757.4	758.5	759.7	758.5
117.5°	820.1	822.4	824.7	827.0	828.2	828.3	828.6	828.9	829.2	829.5	829.2
120°	893.8	896.1	898.4	900.7	901.8	901.8	901.8	901.8	901.8	901.8	901.8
122.5°	966.5	968.0	969.4	970.9	971.6	971.7	972.0	972.3	972.6	972.9	972.6
125°	1034.2	1034.8	1035.3	1035.9	1036.2	1036.5	1037.1	1037.6	1038.2	1038.8	1038.2
127.5°	1102.9	1103.8	1104.6	1105.5	1105.9	1105.6	1105.1	1104.5	1104.0	1103.4	1104.0
130°	1164.0	1165.1	1166.3	1167.4	1168.0	1167.7	1167.1	1166.6	1166.0	1165.4	1166.0
132.5°	1222.1	1223.2	1224.4	1225.5	1226.1	1225.7	1224.8	1223.9	1223.1	1222.2	1223.1
135°	1281.2	1282.1	1282.9	1283.8	1284.2	1283.8	1282.9	1282.1	1281.2	1280.4	1281.2
137.5°	1333.4	1334.9	1336.3	1337.8	1338.5	1338.2	1337.6	1337.1	1336.5	1335.9	1336.5
140°	1383.6	1384.7	1385.9	1387.0	1387.6	1387.3	1386.7	1386.2	1385.6	1385.0	1385.6
142.5°	1431.1	1431.9	1432.8	1433.7	1434.1	1433.7	1432.8	1431.9	1431.1	1430.2	1431.1
145°	1474.8	1475.3	1475.9	1476.4	1476.7	1476.7	1476.7	1476.7	1476.7	1476.7	1476.7
147.5°	1514.8	1515.4	1515.9	1516.5	1516.8	1516.1	1514.6	1513.2	1511.7	1510.3	1511.7
150°	1551.0	1551.6	1552.1	1552.7	1553.0	1552.6	1551.7	1550.8	1550.0	1549.1	1550.0
152.5°	1582.6	1583.7	1584.9	1586.0	1586.6	1585.9	1584.4	1583.0	1581.5	1580.1	1581.5
155°	1611.2	1612.7	1614.1	1615.6	1616.3	1615.4	1613.7	1612.0	1610.2	1608.5	1610.2
157.5°	1637.4	1639.1	1640.8	1642.5	1643.4	1642.3	1640.0	1637.7	1635.4	1633.1	1635.4
160°	1659.3	1661.1	1662.8	1664.5	1665.4	1664.4	1662.4	1660.3	1658.3	1656.3	1658.3
162.5°	1679.0	1681.0	1683.0	1685.0	1686.0	1685.1	1683.4	1681.7	1680.0	1678.3	1680.0
165°	1696.1	1698.4	1700.7	1703.0	1704.1	1703.1	1701.1	1699.1	1697.1	1695.1	1697.1
167.5°	1710.3	1712.6	1714.9	1717.2	1718.3	1717.2	1714.9	1712.6	1710.3	1708.0	1710.3
170°	1721.9	1724.2	1726.5	1728.8	1730.0	1728.8	1726.5	1724.2	1721.9	1719.6	1721.9
172.5°	1729.7	1732.0	1734.3	1736.6	1737.7	1736.4	1733.8	1731.3	1728.7	1726.1	1728.7
175°	1735.8	1737.8	1739.9	1741.9	1742.9	1741.8	1739.5	1737.2	1734.9	1732.6	1734.9
177.5°	1738.7	1741.0	1743.3	1745.6	1746.8	1745.4	1742.5	1739.6	1736.7	1733.8	1736.7
180°	1739.0	1739.0	1739.0	1739.0	1739.0	1739.0	1739.0	1739.0	1739.0	1739.0	1739.0

TEST NUMBER: P1032106

CATALOG NUMBER: S123RDIW-B1165D1320UB35-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	1848.2	1848.2	1848.2	1848.2	1848.2	1848.2	1848.2	1848.2	1848.2	1848.2	1848.2
2.5°	1995.3	1985.8	1979.5	1974.7	1970.0	1984.2	1965.2	1944.7	1930.4	1920.9	1917.8
5°	2204.2	2183.6	2166.2	2152.0	2155.1	2155.1	2121.9	2085.5	2053.9	2036.4	2017.5
7.5°	2446.3	2424.1	2389.3	2381.4	2375.1	2335.5	2302.3	2235.8	2196.3	2156.7	2121.9
10°	2686.8	2658.3	2625.1	2614.0	2598.2	2549.1	2498.5	2413.0	2364.0	2291.2	2245.3
12.5°	2911.5	2876.7	2843.4	2835.5	2811.8	2769.1	2682.0	2593.4	2509.6	2432.0	2351.3
15°	3099.8	3090.3	3039.6	3008.0	2955.8	2897.2	2878.2	2758.0	2652.0	2571.3	2425.7
17.5°	3258.0	3213.7	3166.2	3145.7	3125.1	3057.0	2989.0	2865.6	2751.7	2633.0	2539.6
20°	3384.6	3335.5	3302.3	3272.2	3262.7	3185.2	3077.6	2968.4	2843.4	2710.5	2588.7
22.5°	3390.9	3384.6	3362.4	3345.0	3326.0	3275.4	3190.0	3053.9	2921.0	2775.4	2615.6
25°	3259.6	3250.1	3313.4	3297.6	3310.2	3291.2	3245.3	3131.4	2976.3	2805.5	2644.1
27.5°	2864.0	2960.5	3060.2	3095.0	3118.8	3186.8	3208.9	3145.7	3020.7	2838.7	2658.3
30°	2326.0	2454.2	2615.6	2702.6	2769.1	2895.6	3060.2	3080.8	3022.2	2876.7	2655.1
32.5°	1826.0	1943.1	2072.8	2175.7	2264.3	2523.8	2745.3	2905.1	2933.6	2857.7	2663.0
35°	1471.6	1522.2	1645.6	1743.7	1864.0	2085.5	2346.6	2604.5	2778.6	2788.1	2639.3
37.5°	1213.6	1240.5	1348.1	1403.5	1474.7	1669.3	1913.0	2250.1	2520.6	2648.8	2572.9
40°	1004.8	1066.5	1128.2	1159.8	1210.5	1345.0	1579.2	1843.4	2178.9	2416.2	2470.0
42.5°	871.9	898.8	938.3	982.6	1014.3	1131.4	1288.0	1530.1	1832.3	2163.0	2311.8
45°	769.0	778.5	819.6	848.1	881.4	963.6	1074.4	1276.9	1542.8	1868.7	2121.9
47.5°	683.6	702.6	724.7	742.1	764.3	827.6	922.5	1069.6	1303.8	1595.0	1867.1
50°	607.6	618.7	647.2	655.1	670.9	715.2	788.0	900.3	1093.4	1326.0	1607.6
52.5°	536.4	557.0	568.1	579.1	593.4	629.8	677.2	769.0	914.6	1132.9	1371.9
55°	481.0	487.4	503.2	512.7	523.7	549.1	590.2	658.2	772.2	946.2	1172.5
57.5°	427.2	427.2	443.1	451.0	462.0	481.0	517.4	569.6	651.9	781.7	989.0
60°	370.3	371.8	384.5	394.0	397.2	416.2	446.2	487.4	550.6	645.6	814.9
62.5°	319.6	327.5	333.9	337.0	348.1	359.2	384.5	413.0	457.3	541.2	661.4
65°	276.9	278.5	283.2	286.4	291.1	303.8	322.8	341.8	379.8	441.5	539.6
67.5°	227.9	234.2	240.5	240.5	245.3	251.6	270.6	286.4	314.9	351.3	417.7
70°	170.9	174.1	183.5	188.3	194.6	205.7	215.2	224.7	246.8	273.7	324.4
72.5°	142.4	142.4	145.6	147.2	147.2	155.1	169.3	178.8	189.9	208.9	243.7
75°	113.9	113.9	118.7	117.1	120.3	123.4	125.0	131.3	137.7	151.9	172.5
77.5°	90.2	91.8	91.8	93.4	93.4	94.9	96.5	99.7	102.9	110.8	120.3
80°	66.5	68.0	68.0	69.6	69.6	71.2	72.8	74.4	77.5	80.7	85.4
82.5°	45.9	47.5	47.5	49.1	47.5	49.1	50.6	50.6	52.2	55.4	57.0
85°	26.9	26.9	28.5	26.9	26.9	26.9	28.5	28.5	30.1	34.8	34.8
87.5°	7.9	9.5	7.9	9.5	9.5	9.5	9.5	11.1	11.1	12.7	14.2
90°	37.6	37.1	36.5	36.2	35.6	34.5	33.3	32.2	31.0	27.3	23.5
92.5°	43.3	43.0	42.7	42.6	41.6	39.6	37.6	35.6	33.6	31.0	28.4
95°	49.1	49.1	49.1	49.1	48.1	46.1	44.1	42.1	40.1	36.9	33.7
97.5°	52.4	52.1	51.8	51.7	50.5	48.2	45.9	43.6	41.3	55.9	70.6
100°	53.7	53.4	53.1	53.0	51.8	49.5	47.2	44.9	42.6	87.4	132.2
102.5°	54.4	53.9	53.3	53.0	57.7	67.2	76.7	86.1	95.6	145.6	195.5
105°	55.7	55.1	54.6	54.3	79.7	130.5	181.3	232.1	282.9	308.7	334.6
107.5°	209.6	247.2	284.8	303.6	325.7	369.9	414.2	458.4	502.6	498.3	494.0
110°	437.4	478.4	519.5	540.0	544.7	554.2	563.7	573.2	582.7	579.5	576.4

TEST NUMBER: P1032106

CATALOG NUMBER: S123RDIW-B1165D1320UB35-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	674.3	674.8	675.4	675.7	674.4	671.8	669.3	666.7	664.1	660.9	657.8
115°	757.4	756.2	755.1	754.5	753.1	750.2	747.3	744.5	741.6	739.0	736.4
117.5°	828.9	828.6	828.3	828.2	827.0	824.7	822.4	820.1	817.8	816.4	815.0
120°	901.8	901.8	901.8	901.8	900.7	898.4	896.1	893.8	891.5	890.6	889.8
122.5°	972.3	972.0	971.7	971.6	970.9	969.4	968.0	966.5	965.1	963.9	962.8
125°	1037.6	1037.1	1036.5	1036.2	1035.9	1035.3	1034.8	1034.2	1033.6	1032.4	1031.3
127.5°	1104.5	1105.1	1105.6	1105.9	1105.5	1104.6	1103.8	1102.9	1102.1	1100.7	1099.2
130°	1166.6	1167.1	1167.7	1168.0	1167.4	1166.3	1165.1	1164.0	1162.8	1161.6	1160.5
132.5°	1223.9	1224.8	1225.7	1226.1	1225.5	1224.4	1223.2	1222.1	1220.9	1220.1	1219.2
135°	1282.1	1282.9	1283.8	1284.2	1283.8	1282.9	1282.1	1281.2	1280.4	1279.2	1278.1
137.5°	1337.1	1337.6	1338.2	1338.5	1337.8	1336.3	1334.9	1333.4	1332.0	1331.4	1330.9
140°	1386.2	1386.7	1387.3	1387.6	1387.0	1385.9	1384.7	1383.6	1382.4	1381.5	1380.7
142.5°	1431.9	1432.8	1433.7	1434.1	1433.7	1432.8	1431.9	1431.1	1430.2	1429.4	1428.5
145°	1476.7	1476.7	1476.7	1476.7	1476.4	1475.9	1475.3	1474.8	1474.2	1473.6	1473.0
147.5°	1513.2	1514.6	1516.1	1516.8	1516.5	1515.9	1515.4	1514.8	1514.2	1513.6	1513.0
150°	1550.8	1551.7	1552.6	1553.0	1552.7	1552.1	1551.6	1551.0	1550.4	1549.8	1549.2
152.5°	1583.0	1584.4	1585.9	1586.6	1586.0	1584.9	1583.7	1582.6	1581.4	1581.1	1580.8
155°	1612.0	1613.7	1615.4	1616.3	1615.6	1614.1	1612.7	1611.2	1609.8	1609.5	1609.2
157.5°	1637.7	1640.0	1642.3	1643.4	1642.5	1640.8	1639.1	1637.4	1635.7	1636.0	1636.2
160°	1660.3	1662.4	1664.4	1665.4	1664.5	1662.8	1661.1	1659.3	1657.6	1657.9	1658.2
162.5°	1681.7	1683.4	1685.1	1686.0	1685.0	1683.0	1681.0	1679.0	1677.0	1677.3	1677.6
165°	1699.1	1701.1	1703.1	1704.1	1703.0	1700.7	1698.4	1696.1	1693.8	1694.1	1694.4
167.5°	1712.6	1714.9	1717.2	1718.3	1717.2	1714.9	1712.6	1710.3	1708.0	1708.0	1708.0
170°	1724.2	1726.5	1728.8	1730.0	1728.8	1726.5	1724.2	1721.9	1719.6	1719.6	1719.6
172.5°	1731.3	1733.8	1736.4	1737.7	1736.6	1734.3	1732.0	1729.7	1727.4	1727.1	1726.8
175°	1737.2	1739.5	1741.8	1742.9	1741.9	1739.9	1737.8	1735.8	1733.8	1733.5	1733.3
177.5°	1739.6	1742.5	1745.4	1746.8	1745.6	1743.3	1741.0	1738.7	1736.4	1736.1	1735.8
180°	1739.0	1739.0	1739.0	1739.0	1739.0	1739.0	1739.0	1739.0	1739.0	1739.0	1739.0

TEST NUMBER: P1032106

CATALOG NUMBER: S123RDIW-B1165D1320UB35-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
0°	1848.2	1848.2	1848.2	1848.2	1848.2	1848.2	1848.2	1848.2	1848.2	1848.2	1848.2
2.5°	1913.0	1905.1	1897.2	1897.2	1879.8	1864.0	1856.1	1859.2	1849.7	1837.1	1824.4
5°	1996.9	1965.2	1958.9	1941.5	1917.8	1884.5	1867.1	1851.3	1832.3	1807.0	1783.3
7.5°	2074.4	2033.3	2011.1	1993.7	1947.8	1902.0	1864.0	1838.7	1805.4	1767.5	1739.0
10°	2175.7	2099.7	2076.0	2036.4	1971.6	1906.7	1862.4	1821.3	1775.4	1731.1	1693.1
12.5°	2256.4	2169.4	2125.1	2085.5	2001.6	1919.4	1845.0	1794.4	1739.0	1689.9	1640.9
15°	2348.2	2250.1	2172.5	2125.1	2019.0	1919.4	1835.5	1764.3	1702.6	1642.4	1599.7
17.5°	2392.5	2269.0	2234.2	2166.2	2012.7	1913.0	1810.2	1734.2	1659.9	1590.2	1539.6
20°	2462.1	2318.1	2231.1	2185.2	2049.1	1902.0	1781.7	1694.7	1617.1	1542.8	1489.0
22.5°	2466.8	2310.2	2253.2	2166.2	1998.5	1868.7	1756.4	1650.4	1560.2	1490.5	1435.2
25°	2455.8	2295.9	2216.8	2147.2	2008.0	1849.7	1705.7	1601.3	1512.7	1432.0	1367.1
27.5°	2451.0	2254.8	2180.4	2110.8	1954.2	1794.4	1675.7	1557.0	1455.7	1384.5	1318.1
30°	2444.7	2210.5	2120.3	2039.6	1895.6	1751.6	1609.2	1506.4	1409.8	1319.7	1253.2
32.5°	2403.5	2150.4	2058.6	1973.2	1818.1	1674.1	1561.8	1452.6	1348.1	1264.3	1204.1
35°	2390.9	2095.0	1974.7	1883.0	1731.1	1602.9	1484.2	1394.0	1295.9	1212.1	1140.9
37.5°	2354.5	2038.0	1908.3	1791.2	1633.0	1511.1	1424.1	1333.9	1239.0	1148.8	1091.8
40°	2291.2	1971.6	1824.4	1704.2	1541.2	1417.8	1337.1	1270.6	1177.2	1096.5	1026.9
42.5°	2197.8	1903.5	1745.3	1618.7	1438.3	1322.8	1256.4	1193.1	1114.0	1030.1	973.1
45°	2090.2	1813.3	1666.2	1525.4	1341.8	1229.5	1159.8	1121.9	1049.1	977.9	911.4
47.5°	1943.1	1720.0	1574.4	1428.8	1242.1	1132.9	1077.6	1039.6	989.0	911.4	857.6
50°	1758.0	1599.7	1462.1	1332.3	1144.0	1039.6	984.2	955.7	913.0	857.6	805.4
52.5°	1552.3	1460.5	1346.6	1226.3	1044.3	946.2	895.6	873.4	841.8	789.6	745.3
55°	1345.0	1305.4	1227.9	1109.2	939.9	859.2	814.9	786.4	762.7	724.7	686.7
57.5°	1159.8	1140.9	1087.1	995.3	852.9	769.0	731.0	712.0	693.1	664.6	626.6
60°	968.4	989.0	933.6	887.7	757.9	685.1	651.9	631.3	621.9	596.5	572.8
62.5°	802.2	821.2	789.6	754.8	663.0	598.1	577.5	558.6	552.2	530.1	506.3
65°	651.9	675.7	651.9	632.9	577.5	523.7	498.4	488.9	482.6	468.4	449.4
67.5°	519.0	542.7	531.7	507.9	490.5	446.2	432.0	422.5	419.3	408.2	392.4
70°	390.8	424.1	427.2	413.0	397.2	376.6	367.1	363.9	356.0	346.5	337.0
72.5°	281.7	319.6	321.2	321.2	311.7	311.7	302.2	297.5	297.5	288.0	276.9
75°	207.3	232.6	235.8	238.9	243.7	248.4	242.1	242.1	240.5	231.0	226.3
77.5°	137.7	159.8	167.7	178.8	185.1	185.1	188.3	191.5	188.3	183.5	180.4
80°	88.6	104.4	113.9	120.3	129.8	134.5	139.2	140.8	137.7	136.1	131.3
82.5°	58.5	63.3	68.0	76.0	87.0	94.9	94.9	93.4	96.5	94.9	93.4
85°	33.2	36.4	38.0	39.6	45.9	53.8	55.4	57.0	60.1	57.0	53.8
87.5°	12.7	14.2	14.2	14.2	17.4	19.0	23.7	30.1	28.5	25.3	25.3
90°	19.8	16.1	14.2	12.8	9.9	7.0	4.2	1.3	4.2	7.0	9.9
92.5°	25.9	23.3	22.0	22.9	24.6	26.3	28.0	29.7	28.0	26.3	24.6
95°	30.6	27.4	25.8	31.7	43.5	55.2	67.0	78.8	67.0	55.2	43.5
97.5°	85.2	99.9	107.2	111.2	119.3	127.3	135.4	143.4	135.4	127.3	119.3
100°	177.0	221.8	244.2	241.3	235.6	229.8	224.1	218.3	224.1	229.8	235.6
102.5°	245.5	295.4	320.4	318.5	314.8	311.1	307.3	303.6	307.3	311.1	314.8
105°	360.4	386.3	399.2	397.6	394.5	391.3	388.2	385.0	388.2	391.3	394.5
107.5°	489.7	485.4	483.2	481.9	479.3	476.8	474.2	471.6	474.2	476.8	479.3
110°	573.2	570.1	568.5	567.3	565.0	562.7	560.4	558.1	560.4	562.7	565.0

TEST NUMBER: P1032106

CATALOG NUMBER: S123RDIW-B1165D1320UB35-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
112.5°	654.6	651.5	649.9	648.9	646.9	644.8	642.8	640.8	642.8	644.8	646.9
115°	733.9	731.3	730.0	729.1	727.4	725.7	723.9	722.2	723.9	725.7	727.4
117.5°	813.5	812.1	811.4	810.4	808.4	806.3	804.3	802.3	804.3	806.3	808.4
120°	888.9	888.0	887.6	886.3	883.7	881.2	878.6	876.0	878.6	881.2	883.7
122.5°	961.6	960.5	959.9	958.9	956.9	954.9	952.9	950.9	952.9	954.9	956.9
125°	1030.1	1029.0	1028.4	1027.3	1025.0	1022.7	1020.4	1018.1	1020.4	1022.7	1025.0
127.5°	1097.8	1096.3	1095.6	1094.5	1092.2	1089.9	1087.6	1085.3	1087.6	1089.9	1092.2
130°	1159.3	1158.2	1157.6	1156.5	1154.2	1151.9	1149.6	1147.3	1149.6	1151.9	1154.2
132.5°	1218.4	1217.5	1217.1	1215.9	1213.6	1211.3	1209.0	1206.7	1209.0	1211.3	1213.6
135°	1276.9	1275.8	1275.2	1274.3	1272.6	1270.9	1269.1	1267.4	1269.1	1270.9	1272.6
137.5°	1330.3	1329.8	1329.5	1328.3	1326.0	1323.7	1321.4	1319.1	1321.4	1323.7	1326.0
140°	1379.8	1378.9	1378.5	1377.6	1375.9	1374.2	1372.5	1370.8	1372.5	1374.2	1375.9
142.5°	1427.7	1426.8	1426.4	1425.5	1423.8	1422.1	1420.3	1418.6	1420.3	1422.1	1423.8
145°	1472.5	1471.9	1471.6	1470.6	1468.6	1466.5	1464.5	1462.5	1464.5	1466.5	1468.6
147.5°	1512.5	1511.9	1511.6	1510.9	1509.5	1508.0	1506.6	1505.2	1506.6	1508.0	1509.5
150°	1548.7	1548.1	1547.8	1547.4	1546.5	1545.6	1544.8	1543.9	1544.8	1545.6	1546.5
152.5°	1580.5	1580.2	1580.1	1580.0	1579.7	1579.4	1579.1	1578.8	1579.1	1579.4	1579.7
155°	1608.9	1608.6	1608.5	1608.8	1609.4	1609.9	1610.5	1611.1	1610.5	1609.9	1609.4
157.5°	1636.5	1636.8	1636.9	1636.9	1636.9	1636.9	1636.9	1636.9	1636.9	1636.9	1636.9
160°	1658.5	1658.8	1658.9	1659.0	1659.3	1659.6	1659.9	1660.2	1659.9	1659.6	1659.3
162.5°	1677.9	1678.2	1678.3	1678.7	1679.6	1680.5	1681.3	1682.2	1681.3	1680.5	1679.6
165°	1694.7	1695.0	1695.1	1695.5	1696.4	1697.3	1698.1	1699.0	1698.1	1697.3	1696.4
167.5°	1708.0	1708.0	1708.0	1708.6	1709.7	1710.9	1712.0	1713.2	1712.0	1710.9	1709.7
170°	1719.6	1719.6	1719.6	1720.2	1721.3	1722.5	1723.6	1724.8	1723.6	1722.5	1721.3
172.5°	1726.5	1726.2	1726.1	1726.8	1728.3	1729.7	1731.2	1732.6	1731.2	1729.7	1728.3
175°	1733.0	1732.7	1732.6	1733.3	1734.7	1736.2	1737.6	1739.0	1737.6	1736.2	1734.7
177.5°	1735.5	1735.2	1735.1	1735.8	1737.3	1738.7	1740.2	1741.6	1740.2	1738.7	1737.3
180°	1739.0	1739.0	1739.0	1739.0	1739.0	1739.0	1739.0	1739.0	1739.0	1739.0	1739.0

TEST NUMBER: P1032106

CATALOG NUMBER: S123RDIW-B1165D1320UB35-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
0°	1848.2	1848.2	1848.2	1848.2	1848.2	1848.2	1848.2	1848.2	1848.2	1848.2	1848.2
2.5°	1824.4	1816.5	1813.3	1805.4	1786.4	1773.8	1759.5	1750.0	1751.6	1743.7	1748.5
5°	1767.5	1765.9	1754.8	1739.0	1712.1	1697.8	1672.5	1659.9	1653.5	1655.1	1645.6
7.5°	1720.0	1705.7	1697.8	1672.5	1647.2	1617.1	1596.6	1585.5	1576.0	1566.5	1560.2
10°	1666.2	1653.5	1640.9	1614.0	1579.2	1550.7	1522.2	1511.1	1496.9	1490.5	1485.8
12.5°	1609.2	1601.3	1585.5	1553.8	1514.3	1487.4	1454.2	1447.8	1428.8	1416.2	1413.0
15°	1557.0	1552.3	1523.8	1487.4	1447.8	1420.9	1392.4	1373.5	1341.8	1348.1	1337.1
17.5°	1501.6	1481.1	1463.6	1414.6	1395.6	1354.5	1321.2	1311.7	1289.6	1275.4	1261.1
20°	1439.9	1427.3	1405.1	1373.5	1327.6	1280.1	1254.8	1239.0	1226.3	1204.1	1197.8
22.5°	1381.4	1365.5	1346.6	1305.4	1265.9	1226.3	1191.5	1177.2	1161.4	1145.6	1136.1
25°	1335.5	1311.7	1291.2	1240.5	1201.0	1167.8	1145.6	1121.9	1099.7	1090.2	1087.1
27.5°	1264.3	1250.0	1229.5	1182.0	1145.6	1109.2	1088.6	1072.8	1049.1	1038.0	1028.5
30°	1218.4	1189.9	1166.2	1128.2	1091.8	1052.2	1033.3	1014.3	1000.0	985.8	974.7
32.5°	1156.7	1134.5	1115.5	1077.6	1041.2	1004.8	984.2	955.7	947.8	936.7	924.1
35°	1096.5	1082.3	1061.7	1020.6	981.0	955.7	933.6	906.7	897.2	889.3	878.2
37.5°	1039.6	1019.0	1004.8	965.2	930.4	900.3	882.9	860.8	854.5	845.0	837.0
40°	990.5	970.0	955.7	916.2	879.8	848.1	837.0	814.9	805.4	794.3	789.6
42.5°	935.2	917.7	898.8	870.3	832.3	800.7	778.5	765.8	753.2	748.4	738.9
45°	876.6	860.8	846.5	814.9	775.3	753.2	734.2	716.8	707.3	699.4	693.1
47.5°	826.0	811.7	792.7	757.9	726.3	705.7	686.7	669.3	659.8	650.3	642.4
50°	767.4	759.5	738.9	705.7	675.7	651.9	634.5	618.7	612.4	601.3	588.6
52.5°	715.2	701.0	683.6	656.7	629.8	601.3	577.5	568.1	557.0	550.6	539.6
55°	653.5	644.0	625.0	601.3	572.8	549.1	531.7	519.0	504.8	498.4	484.2
57.5°	601.3	583.9	574.4	544.3	517.4	493.7	481.0	468.4	452.5	443.1	436.7
60°	544.3	528.5	514.3	488.9	469.9	444.6	425.6	414.6	403.5	390.8	384.5
62.5°	488.9	476.3	458.9	438.3	414.6	394.0	379.8	363.9	357.6	344.9	340.2
65°	428.8	419.3	405.1	381.3	362.4	344.9	330.7	318.0	311.7	307.0	303.8
67.5°	375.0	362.4	352.9	332.3	311.7	297.5	289.6	281.7	273.7	269.0	264.2
70°	319.6	310.1	300.6	281.7	267.4	254.8	248.4	242.1	237.3	232.6	227.9
72.5°	262.7	257.9	248.4	235.8	224.7	215.2	210.4	202.5	197.8	189.9	186.7
75°	216.8	208.9	204.1	193.0	183.5	175.6	169.3	159.8	153.5	150.3	148.7
77.5°	170.9	167.7	161.4	151.9	147.2	139.2	129.8	126.6	123.4	123.4	121.8
80°	128.2	123.4	118.7	110.8	106.0	99.7	99.7	99.7	98.1	99.7	98.1
82.5°	87.0	83.9	80.7	76.0	74.4	74.4	76.0	76.0	76.0	76.0	76.0
85°	50.6	50.6	50.6	52.2	50.6	50.6	52.2	53.8	52.2	52.2	50.6
87.5°	23.7	23.7	25.3	25.3	26.9	26.9	26.9	26.9	26.9	26.9	28.5
90°	12.8	14.2	16.1	19.8	23.5	27.3	31.0	32.2	33.3	34.5	35.6
92.5°	22.9	22.0	23.3	25.9	28.4	31.0	33.6	35.6	37.6	39.6	41.6
95°	31.7	25.8	27.4	30.6	33.7	36.9	40.1	42.1	44.1	46.1	48.1
97.5°	111.2	107.2	99.9	85.2	70.6	55.9	41.3	43.6	45.9	48.2	50.5
100°	241.3	244.2	221.8	177.0	132.2	87.4	42.6	44.9	47.2	49.5	51.8
102.5°	318.5	320.4	295.4	245.5	195.5	145.6	95.6	86.1	76.7	67.2	57.7
105°	397.6	399.2	386.3	360.4	334.6	308.7	282.9	232.1	181.3	130.5	79.7
107.5°	481.9	483.2	485.4	489.7	494.0	498.3	502.6	458.4	414.2	369.9	325.7
110°	567.3	568.5	570.1	573.2	576.4	579.5	582.7	573.2	563.7	554.2	544.7

TEST NUMBER: P1032106

CATALOG NUMBER: S123RDIW-B1165D1320UB35-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
112.5°	648.9	649.9	651.5	654.6	657.8	660.9	664.1	666.7	669.3	671.8	674.4
115°	729.1	730.0	731.3	733.9	736.4	739.0	741.6	744.5	747.3	750.2	753.1
117.5°	810.4	811.4	812.1	813.5	815.0	816.4	817.8	820.1	822.4	824.7	827.0
120°	886.3	887.6	888.0	888.9	889.8	890.6	891.5	893.8	896.1	898.4	900.7
122.5°	958.9	959.9	960.5	961.6	962.8	963.9	965.1	966.5	968.0	969.4	970.9
125°	1027.3	1028.4	1029.0	1030.1	1031.3	1032.4	1033.6	1034.2	1034.8	1035.3	1035.9
127.5°	1094.5	1095.6	1096.3	1097.8	1099.2	1100.7	1102.1	1102.9	1103.8	1104.6	1105.5
130°	1156.5	1157.6	1158.2	1159.3	1160.5	1161.6	1162.8	1164.0	1165.1	1166.3	1167.4
132.5°	1215.9	1217.1	1217.5	1218.4	1219.2	1220.1	1220.9	1222.1	1223.2	1224.4	1225.5
135°	1274.3	1275.2	1275.8	1276.9	1278.1	1279.2	1280.4	1281.2	1282.1	1282.9	1283.8
137.5°	1328.3	1329.5	1329.8	1330.3	1330.9	1331.4	1332.0	1333.4	1334.9	1336.3	1337.8
140°	1377.6	1378.5	1378.9	1379.8	1380.7	1381.5	1382.4	1383.6	1384.7	1385.9	1387.0
142.5°	1425.5	1426.4	1426.8	1427.7	1428.5	1429.4	1430.2	1431.1	1431.9	1432.8	1433.7
145°	1470.6	1471.6	1471.9	1472.5	1473.0	1473.6	1474.2	1474.8	1475.3	1475.9	1476.4
147.5°	1510.9	1511.6	1511.9	1512.5	1513.0	1513.6	1514.2	1514.8	1515.4	1515.9	1516.5
150°	1547.4	1547.8	1548.1	1548.7	1549.2	1549.8	1550.4	1551.0	1551.6	1552.1	1552.7
152.5°	1580.0	1580.1	1580.2	1580.5	1580.8	1581.1	1581.4	1582.6	1583.7	1584.9	1586.0
155°	1608.8	1608.5	1608.6	1608.9	1609.2	1609.5	1609.8	1611.2	1612.7	1614.1	1615.6
157.5°	1636.9	1636.9	1636.8	1636.5	1636.2	1636.0	1635.7	1637.4	1639.1	1640.8	1642.5
160°	1659.0	1658.9	1658.8	1658.5	1658.2	1657.9	1657.6	1659.3	1661.1	1662.8	1664.5
162.5°	1678.7	1678.3	1678.2	1677.9	1677.6	1677.3	1677.0	1679.0	1681.0	1683.0	1685.0
165°	1695.5	1695.1	1695.0	1694.7	1694.4	1694.1	1693.8	1696.1	1698.4	1700.7	1703.0
167.5°	1708.6	1708.0	1708.0	1708.0	1708.0	1708.0	1708.0	1710.3	1712.6	1714.9	1717.2
170°	1720.2	1719.6	1719.6	1719.6	1719.6	1719.6	1719.6	1721.9	1724.2	1726.5	1728.8
172.5°	1726.8	1726.1	1726.2	1726.5	1726.8	1727.1	1727.4	1729.7	1732.0	1734.3	1736.6
175°	1733.3	1732.6	1732.7	1733.0	1733.3	1733.5	1733.8	1735.8	1737.8	1739.9	1741.9
177.5°	1735.8	1735.1	1735.2	1735.5	1735.8	1736.1	1736.4	1738.7	1741.0	1743.3	1745.6
180°	1739.0	1739.0	1739.0	1739.0	1739.0	1739.0	1739.0	1739.0	1739.0	1739.0	1739.0

TEST NUMBER: P1032106

CATALOG NUMBER: S123RDIW-B1165D1320UB35-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
0°	1848.2	1848.2	1848.2	1848.2	1848.2	1848.2	1848.2	1848.2	1848.2	1848.2	1848.2
2.5°	1746.9	1748.5	1743.7	1734.2	1732.6	1735.8	1745.3	1742.1	1734.2	1748.5	1735.8
5°	1650.4	1642.4	1639.3	1642.4	1633.0	1628.2	1637.7	1633.0	1637.7	1639.3	1644.0
7.5°	1557.0	1558.6	1549.1	1550.7	1538.0	1541.2	1541.2	1541.2	1545.9	1549.1	1555.4
10°	1476.3	1479.5	1468.4	1470.0	1460.5	1454.2	1458.9	1468.4	1468.4	1468.4	1471.6
12.5°	1411.4	1397.2	1389.3	1387.7	1376.6	1373.5	1382.9	1386.1	1394.0	1394.0	1398.8
15°	1330.7	1327.6	1321.2	1321.2	1294.3	1300.7	1303.8	1314.9	1330.7	1318.1	1321.2
17.5°	1257.9	1250.0	1242.1	1239.0	1235.8	1226.3	1239.0	1237.4	1246.9	1248.5	1253.2
20°	1193.1	1186.7	1170.9	1172.5	1175.7	1161.4	1169.3	1169.3	1178.8	1188.3	1199.4
22.5°	1129.8	1123.4	1115.5	1118.7	1109.2	1106.0	1106.0	1114.0	1125.0	1132.9	1131.4
25°	1080.7	1069.6	1064.9	1060.2	1055.4	1058.6	1053.8	1061.7	1069.6	1074.4	1069.6
27.5°	1025.3	1020.6	1011.1	1006.4	998.4	1001.6	1004.8	1011.1	1015.9	1015.9	1020.6
30°	971.5	965.2	962.1	957.3	957.3	951.0	952.6	958.9	963.6	968.4	974.7
32.5°	919.3	914.6	909.8	909.8	906.7	905.1	903.5	913.0	913.0	922.5	922.5
35°	876.6	868.7	868.7	860.8	863.9	862.4	859.2	865.5	867.1	873.4	871.9
37.5°	829.1	829.1	826.0	818.1	811.7	813.3	821.2	821.2	826.0	824.4	829.1
40°	781.7	778.5	778.5	773.8	772.2	770.6	772.2	773.8	781.7	780.1	781.7
42.5°	734.2	735.8	727.9	727.9	727.9	723.1	724.7	726.3	729.5	732.6	737.4
45°	688.3	685.1	683.6	680.4	677.2	678.8	677.2	683.6	682.0	685.1	689.9
47.5°	639.3	634.5	632.9	626.6	626.6	629.8	628.2	632.9	634.5	639.3	636.1
50°	591.8	585.5	580.7	582.3	572.8	576.0	576.0	580.7	585.5	587.0	590.2
52.5°	536.4	534.8	533.2	525.3	523.7	522.2	523.7	525.3	531.7	536.4	538.0
55°	482.6	481.0	471.5	468.4	463.6	463.6	466.8	468.4	479.4	481.0	487.4
57.5°	433.6	428.8	417.7	416.2	416.2	416.2	411.4	417.7	420.9	428.8	428.8
60°	379.8	379.8	370.3	370.3	371.8	370.3	370.3	371.8	371.8	378.2	381.3
62.5°	337.0	335.5	335.5	332.3	330.7	332.3	330.7	330.7	332.3	337.0	341.8
65°	299.1	297.5	295.9	294.3	291.1	291.1	292.7	295.9	295.9	299.1	300.6
67.5°	262.7	262.7	259.5	259.5	257.9	256.3	257.9	256.3	262.7	262.7	264.2
70°	226.3	224.7	219.9	218.4	213.6	215.2	215.2	219.9	221.5	224.7	227.9
72.5°	182.0	182.0	178.8	175.6	177.2	174.1	174.1	175.6	175.6	180.4	182.0
75°	150.3	147.2	145.6	147.2	145.6	148.7	145.6	145.6	148.7	148.7	148.7
77.5°	123.4	123.4	121.8	121.8	123.4	121.8	123.4	123.4	123.4	121.8	123.4
80°	101.3	99.7	99.7	99.7	98.1	98.1	98.1	98.1	98.1	98.1	98.1
82.5°	76.0	76.0	74.4	76.0	76.0	74.4	76.0	74.4	74.4	76.0	76.0
85°	50.6	53.8	50.6	50.6	52.2	52.2	53.8	52.2	53.8	50.6	52.2
87.5°	26.9	28.5	28.5	26.9	26.9	28.5	28.5	28.5	30.1	26.9	28.5
90°	36.2	36.5	37.1	37.6	38.2	38.8	38.2	37.6	37.1	36.5	36.2
92.5°	42.6	42.7	43.0	43.3	43.6	43.9	43.6	43.3	43.0	42.7	42.6
95°	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1
97.5°	51.7	51.8	52.1	52.4	52.7	53.0	52.7	52.4	52.1	51.8	51.7
100°	53.0	53.1	53.4	53.7	54.0	54.3	54.0	53.7	53.4	53.1	53.0
102.5°	53.0	53.3	53.9	54.4	55.0	55.6	55.0	54.4	53.9	53.3	53.0
105°	54.3	54.6	55.1	55.7	56.2	56.8	56.2	55.7	55.1	54.6	54.3
107.5°	303.6	284.8	247.2	209.6	172.0	134.4	172.0	209.6	247.2	284.8	303.6
110°	540.0	519.5	478.4	437.4	396.3	355.3	396.3	437.4	478.4	519.5	540.0

TEST NUMBER: P1032106

CATALOG NUMBER: S123RDIW-B1165D1320UB35-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
112.5°	675.7	675.4	674.8	674.3	673.7	673.1	673.7	674.3	674.8	675.4	675.7
115°	754.5	755.1	756.2	757.4	758.5	759.7	758.5	757.4	756.2	755.1	754.5
117.5°	828.2	828.3	828.6	828.9	829.2	829.5	829.2	828.9	828.6	828.3	828.2
120°	901.8	901.8	901.8	901.8	901.8	901.8	901.8	901.8	901.8	901.8	901.8
122.5°	971.6	971.7	972.0	972.3	972.6	972.9	972.6	972.3	972.0	971.7	971.6
125°	1036.2	1036.5	1037.1	1037.6	1038.2	1038.8	1038.2	1037.6	1037.1	1036.5	1036.2
127.5°	1105.9	1105.6	1105.1	1104.5	1104.0	1103.4	1104.0	1104.5	1105.1	1105.6	1105.9
130°	1168.0	1167.7	1167.1	1166.6	1166.0	1165.4	1166.0	1166.6	1167.1	1167.7	1168.0
132.5°	1226.1	1225.7	1224.8	1223.9	1223.1	1222.2	1223.1	1223.9	1224.8	1225.7	1226.1
135°	1284.2	1283.8	1282.9	1282.1	1281.2	1280.4	1281.2	1282.1	1282.9	1283.8	1284.2
137.5°	1338.5	1338.2	1337.6	1337.1	1336.5	1335.9	1336.5	1337.1	1337.6	1338.2	1338.5
140°	1387.6	1387.3	1386.7	1386.2	1385.6	1385.0	1385.6	1386.2	1386.7	1387.3	1387.6
142.5°	1434.1	1433.7	1432.8	1431.9	1431.1	1430.2	1431.1	1431.9	1432.8	1433.7	1434.1
145°	1476.7	1476.7	1476.7	1476.7	1476.7	1476.7	1476.7	1476.7	1476.7	1476.7	1476.7
147.5°	1516.8	1516.1	1514.6	1513.2	1511.7	1510.3	1511.7	1513.2	1514.6	1516.1	1516.8
150°	1553.0	1552.6	1551.7	1550.8	1550.0	1549.1	1550.0	1550.8	1551.7	1552.6	1553.0
152.5°	1586.6	1585.9	1584.4	1583.0	1581.5	1580.1	1581.5	1583.0	1584.4	1585.9	1586.6
155°	1616.3	1615.4	1613.7	1612.0	1610.2	1608.5	1610.2	1612.0	1613.7	1615.4	1616.3
157.5°	1643.4	1642.3	1640.0	1637.7	1635.4	1633.1	1635.4	1637.7	1640.0	1642.3	1643.4
160°	1665.4	1664.4	1662.4	1660.3	1658.3	1656.3	1658.3	1660.3	1662.4	1664.4	1665.4
162.5°	1686.0	1685.1	1683.4	1681.7	1680.0	1678.3	1680.0	1681.7	1683.4	1685.1	1686.0
165°	1704.1	1703.1	1701.1	1699.1	1697.1	1695.1	1697.1	1699.1	1701.1	1703.1	1704.1
167.5°	1718.3	1717.2	1714.9	1712.6	1710.3	1708.0	1710.3	1712.6	1714.9	1717.2	1718.3
170°	1730.0	1728.8	1726.5	1724.2	1721.9	1719.6	1721.9	1724.2	1726.5	1728.8	1730.0
172.5°	1737.7	1736.4	1733.8	1731.3	1728.7	1726.1	1728.7	1731.3	1733.8	1736.4	1737.7
175°	1742.9	1741.8	1739.5	1737.2	1734.9	1732.6	1734.9	1737.2	1739.5	1741.8	1742.9
177.5°	1746.8	1745.4	1742.5	1739.6	1736.7	1733.8	1736.7	1739.6	1742.5	1745.4	1746.8
180°	1739.0	1739.0	1739.0	1739.0	1739.0	1739.0	1739.0	1739.0	1739.0	1739.0	1739.0

TEST NUMBER: P1032106

CATALOG NUMBER: S123RDIW-B1165D1320UB35-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
0°	1848.2	1848.2	1848.2	1848.2	1848.2	1848.2	1848.2	1848.2	1848.2	1848.2	1848.2
2.5°	1748.5	1754.8	1748.5	1735.8	1748.5	1756.4	1764.3	1776.9	1783.3	1783.3	1792.8
5°	1648.8	1661.4	1656.7	1653.5	1666.2	1674.1	1686.8	1702.6	1720.0	1731.1	1743.7
7.5°	1560.2	1568.1	1576.0	1576.0	1588.7	1606.1	1625.0	1644.0	1666.2	1682.0	1691.5
10°	1482.6	1489.0	1493.7	1500.0	1519.0	1538.0	1563.3	1587.1	1606.1	1623.5	1639.3
12.5°	1408.3	1417.8	1428.8	1433.6	1447.8	1471.6	1495.3	1523.8	1553.8	1571.2	1587.1
15°	1337.1	1341.8	1354.5	1368.7	1381.4	1406.7	1436.7	1466.8	1492.1	1519.0	1533.3
17.5°	1264.3	1265.9	1299.1	1291.2	1332.3	1356.0	1371.9	1400.4	1441.5	1463.6	1485.8
20°	1193.1	1208.9	1223.1	1231.0	1253.2	1280.1	1326.0	1348.1	1381.4	1401.9	1420.9
22.5°	1137.7	1161.4	1161.4	1180.4	1191.5	1216.8	1250.0	1292.8	1329.2	1343.4	1370.3
25°	1088.6	1099.7	1118.7	1125.0	1145.6	1167.8	1189.9	1235.8	1275.4	1294.3	1313.3
27.5°	1025.3	1039.6	1064.9	1064.9	1091.8	1115.5	1142.4	1172.5	1212.1	1239.0	1259.5
30°	976.3	990.5	1001.6	1019.0	1030.1	1052.2	1099.7	1121.9	1156.7	1180.4	1205.7
32.5°	930.4	941.5	951.0	970.0	982.6	1007.9	1033.3	1072.8	1102.9	1125.0	1151.9
35°	879.8	890.8	903.5	917.7	936.7	960.5	984.2	1017.4	1047.5	1068.1	1090.2
37.5°	832.3	840.2	859.2	868.7	884.5	906.7	936.7	971.5	998.4	1014.3	1036.4
40°	786.4	792.7	807.0	824.4	835.5	852.9	884.5	914.6	947.8	966.8	984.2
42.5°	737.4	745.3	757.9	775.3	792.7	811.7	829.1	863.9	894.0	909.8	928.8
45°	694.6	699.4	708.9	726.3	743.7	757.9	784.8	816.5	845.0	857.6	878.2
47.5°	644.0	648.8	663.0	670.9	689.9	708.9	735.8	767.4	792.7	805.4	824.4
50°	591.8	596.5	606.0	623.4	636.1	656.7	680.4	707.3	738.9	756.3	767.4
52.5°	541.2	550.6	558.6	572.8	588.6	609.2	631.3	656.7	683.6	701.0	713.6
55°	490.5	498.4	507.9	515.8	534.8	553.8	579.1	602.9	626.6	642.4	656.7
57.5°	433.6	444.6	454.1	469.9	484.2	500.0	528.5	547.5	576.0	587.0	599.7
60°	384.5	395.6	403.5	416.2	428.8	449.4	468.4	492.1	515.8	530.1	545.9
62.5°	343.4	348.1	352.9	365.5	378.2	397.2	416.2	439.9	465.2	473.1	485.8
65°	302.2	307.0	314.9	326.0	335.5	346.5	367.1	386.1	409.8	422.5	427.2
67.5°	267.4	272.2	273.7	281.7	289.6	302.2	313.3	332.3	354.4	362.4	371.8
70°	227.9	235.8	237.3	243.7	246.8	254.8	267.4	281.7	299.1	313.3	321.2
72.5°	182.0	193.0	196.2	205.7	210.4	218.4	227.9	238.9	250.0	256.3	262.7
75°	148.7	151.9	153.5	161.4	169.3	180.4	185.1	191.5	201.0	208.9	215.2
77.5°	123.4	125.0	126.6	126.6	128.2	134.5	144.0	151.9	158.2	161.4	166.1
80°	99.7	98.1	98.1	99.7	99.7	99.7	102.9	113.9	117.1	125.0	123.4
82.5°	77.5	74.4	76.0	74.4	74.4	74.4	74.4	76.0	76.0	80.7	83.9
85°	50.6	52.2	50.6	50.6	49.1	50.6	49.1	49.1	47.5	47.5	45.9
87.5°	26.9	28.5	26.9	26.9	25.3	26.9	25.3	25.3	23.7	23.7	20.6
90°	35.6	34.5	33.3	32.2	31.0	27.3	23.5	19.8	16.1	14.2	12.8
92.5°	41.6	39.6	37.6	35.6	33.6	31.0	28.4	25.9	23.3	22.0	22.9
95°	48.1	46.1	44.1	42.1	40.1	36.9	33.7	30.6	27.4	25.8	31.7
97.5°	50.5	48.2	45.9	43.6	41.3	55.9	70.6	85.2	99.9	107.2	111.2
100°	51.8	49.5	47.2	44.9	42.6	87.4	132.2	177.0	221.8	244.2	241.3
102.5°	57.7	67.2	76.7	86.1	95.6	145.6	195.5	245.5	295.4	320.4	318.5
105°	79.7	130.5	181.3	232.1	282.9	308.7	334.6	360.4	386.3	399.2	397.6
107.5°	325.7	369.9	414.2	458.4	502.6	498.3	494.0	489.7	485.4	483.2	481.9
110°	544.7	554.2	563.7	573.2	582.7	579.5	576.4	573.2	570.1	568.5	567.3

TEST NUMBER: P1032106

CATALOG NUMBER: S123RDIW-B1165D1320UB35-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
112.5°	674.4	671.8	669.3	666.7	664.1	660.9	657.8	654.6	651.5	649.9	648.9
115°	753.1	750.2	747.3	744.5	741.6	739.0	736.4	733.9	731.3	730.0	729.1
117.5°	827.0	824.7	822.4	820.1	817.8	816.4	815.0	813.5	812.1	811.4	810.4
120°	900.7	898.4	896.1	893.8	891.5	890.6	889.8	888.9	888.0	887.6	886.3
122.5°	970.9	969.4	968.0	966.5	965.1	963.9	962.8	961.6	960.5	959.9	958.9
125°	1035.9	1035.3	1034.8	1034.2	1033.6	1032.4	1031.3	1030.1	1029.0	1028.4	1027.3
127.5°	1105.5	1104.6	1103.8	1102.9	1102.1	1100.7	1099.2	1097.8	1096.3	1095.6	1094.5
130°	1167.4	1166.3	1165.1	1164.0	1162.8	1161.6	1160.5	1159.3	1158.2	1157.6	1156.5
132.5°	1225.5	1224.4	1223.2	1222.1	1220.9	1220.1	1219.2	1218.4	1217.5	1217.1	1215.9
135°	1283.8	1282.9	1282.1	1281.2	1280.4	1279.2	1278.1	1276.9	1275.8	1275.2	1274.3
137.5°	1337.8	1336.3	1334.9	1333.4	1332.0	1331.4	1330.9	1330.3	1329.8	1329.5	1328.3
140°	1387.0	1385.9	1384.7	1383.6	1382.4	1381.5	1380.7	1379.8	1378.9	1378.5	1377.6
142.5°	1433.7	1432.8	1431.9	1431.1	1430.2	1429.4	1428.5	1427.7	1426.8	1426.4	1425.5
145°	1476.4	1475.9	1475.3	1474.8	1474.2	1473.6	1473.0	1472.5	1471.9	1471.6	1470.6
147.5°	1516.5	1515.9	1515.4	1514.8	1514.2	1513.6	1513.0	1512.5	1511.9	1511.6	1510.9
150°	1552.7	1552.1	1551.6	1551.0	1550.4	1549.8	1549.2	1548.7	1548.1	1547.8	1547.4
152.5°	1586.0	1584.9	1583.7	1582.6	1581.4	1581.1	1580.8	1580.5	1580.2	1580.1	1580.0
155°	1615.6	1614.1	1612.7	1611.2	1609.8	1609.5	1609.2	1608.9	1608.6	1608.5	1608.8
157.5°	1642.5	1640.8	1639.1	1637.4	1635.7	1636.0	1636.2	1636.5	1636.8	1636.9	1636.9
160°	1664.5	1662.8	1661.1	1659.3	1657.6	1657.9	1658.2	1658.5	1658.8	1658.9	1659.0
162.5°	1685.0	1683.0	1681.0	1679.0	1677.0	1677.3	1677.6	1677.9	1678.2	1678.3	1678.7
165°	1703.0	1700.7	1698.4	1696.1	1693.8	1694.1	1694.4	1694.7	1695.0	1695.1	1695.5
167.5°	1717.2	1714.9	1712.6	1710.3	1708.0	1708.0	1708.0	1708.0	1708.0	1708.0	1708.6
170°	1728.8	1726.5	1724.2	1721.9	1719.6	1719.6	1719.6	1719.6	1719.6	1719.6	1720.2
172.5°	1736.6	1734.3	1732.0	1729.7	1727.4	1727.1	1726.8	1726.5	1726.2	1726.1	1726.8
175°	1741.9	1739.9	1737.8	1735.8	1733.8	1733.5	1733.3	1733.0	1732.7	1732.6	1733.3
177.5°	1745.6	1743.3	1741.0	1738.7	1736.4	1736.1	1735.8	1735.5	1735.2	1735.1	1735.8
180°	1739.0	1739.0	1739.0	1739.0	1739.0	1739.0	1739.0	1739.0	1739.0	1739.0	1739.0

TEST NUMBER: P1032106

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CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
0°	1848.2	1848.2	1848.2	1848.2
2.5°	1800.7	1811.8	1833.9	1852.9
5°	1762.7	1780.1	1813.3	1846.6
7.5°	1716.8	1743.7	1786.4	1832.3
10°	1672.5	1707.3	1759.5	1813.3
12.5°	1628.2	1664.6	1720.0	1789.6
15°	1576.0	1614.0	1680.4	1764.3
17.5°	1530.1	1580.7	1640.9	1724.7
20°	1481.1	1519.0	1596.6	1685.2
22.5°	1419.3	1482.6	1555.4	1648.8
25°	1370.3	1425.7	1498.5	1604.5
27.5°	1310.2	1375.0	1463.6	1557.0
30°	1261.1	1314.9	1397.2	1509.5
32.5°	1204.1	1267.4	1352.9	1463.6
35°	1153.5	1207.3	1288.0	1400.4
37.5°	1093.4	1151.9	1242.1	1341.8
40°	1041.2	1098.1	1183.6	1276.9
42.5°	977.9	1038.0	1123.4	1202.6
45°	927.2	982.6	1050.7	1123.4
47.5°	865.5	924.1	990.5	1041.2
50°	810.1	863.9	916.2	958.9
52.5°	750.0	799.1	846.5	878.2
55°	694.6	732.6	770.6	792.7
57.5°	629.8	666.2	697.8	710.5
60°	572.8	602.9	623.4	637.7
62.5°	512.7	534.8	550.6	558.6
65°	454.1	469.9	477.9	485.8
67.5°	394.0	408.2	413.0	422.5
70°	330.7	346.5	349.7	354.4
72.5°	283.2	283.2	289.6	295.9
75°	226.3	229.4	232.6	232.6
77.5°	177.2	177.2	180.4	182.0
80°	129.8	131.3	131.3	129.8
82.5°	88.6	91.8	88.6	87.0
85°	49.1	55.4	52.2	52.2
87.5°	20.6	20.6	23.7	20.6
90°	9.9	7.0	4.2	1.3
92.5°	24.6	26.3	28.0	29.7
95°	43.5	55.2	67.0	78.8
97.5°	119.3	127.3	135.4	143.4
100°	235.6	229.8	224.1	218.3
102.5°	314.8	311.1	307.3	303.6
105°	394.5	391.3	388.2	385.0
107.5°	479.3	476.8	474.2	471.6
110°	565.0	562.7	560.4	558.1

TEST NUMBER: P1032106

CATALOG NUMBER: S123RDIW-B1165D1320UB35-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
112.5°	646.9	644.8	642.8	640.8
115°	727.4	725.7	723.9	722.2
117.5°	808.4	806.3	804.3	802.3
120°	883.7	881.2	878.6	876.0
122.5°	956.9	954.9	952.9	950.9
125°	1025.0	1022.7	1020.4	1018.1
127.5°	1092.2	1089.9	1087.6	1085.3
130°	1154.2	1151.9	1149.6	1147.3
132.5°	1213.6	1211.3	1209.0	1206.7
135°	1272.6	1270.9	1269.1	1267.4
137.5°	1326.0	1323.7	1321.4	1319.1
140°	1375.9	1374.2	1372.5	1370.8
142.5°	1423.8	1422.1	1420.3	1418.6
145°	1468.6	1466.5	1464.5	1462.5
147.5°	1509.5	1508.0	1506.6	1505.2
150°	1546.5	1545.6	1544.8	1543.9
152.5°	1579.7	1579.4	1579.1	1578.8
155°	1609.4	1609.9	1610.5	1611.1
157.5°	1636.9	1636.9	1636.9	1636.9
160°	1659.3	1659.6	1659.9	1660.2
162.5°	1679.6	1680.5	1681.3	1682.2
165°	1696.4	1697.3	1698.1	1699.0
167.5°	1709.7	1710.9	1712.0	1713.2
170°	1721.3	1722.5	1723.6	1724.8
172.5°	1728.3	1729.7	1731.2	1732.6
175°	1734.7	1736.2	1737.6	1739.0
177.5°	1737.3	1738.7	1740.2	1741.6
180°	1739.0	1739.0	1739.0	1739.0

(END OF REPORT)