

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: P1032436

Luminaire Tested: S123RDIW-B775D460UB40-4F0-XX-W2A-A

Issue Date: 5/6/2025

Test Information

Test Method: LM-79-2019
Report Number: P1032436
REPORT IS A COMBINATION OF REPORTS P994763 AND P1007351
Test Lab: INNOVATION CENTER
Issue Date: 5/6/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: NEO-RAY
Catalog Number: S123RDIW-B775D460UB40-4F0-XX-W2A-A
Description: Define 3 Regressed Direct/Indirect Wall Mount with 4000K BioUP LEDs {m-DER=0.865}
{m-EER=0.951}
Light Source: -
Ballast/Driver: -

Summary

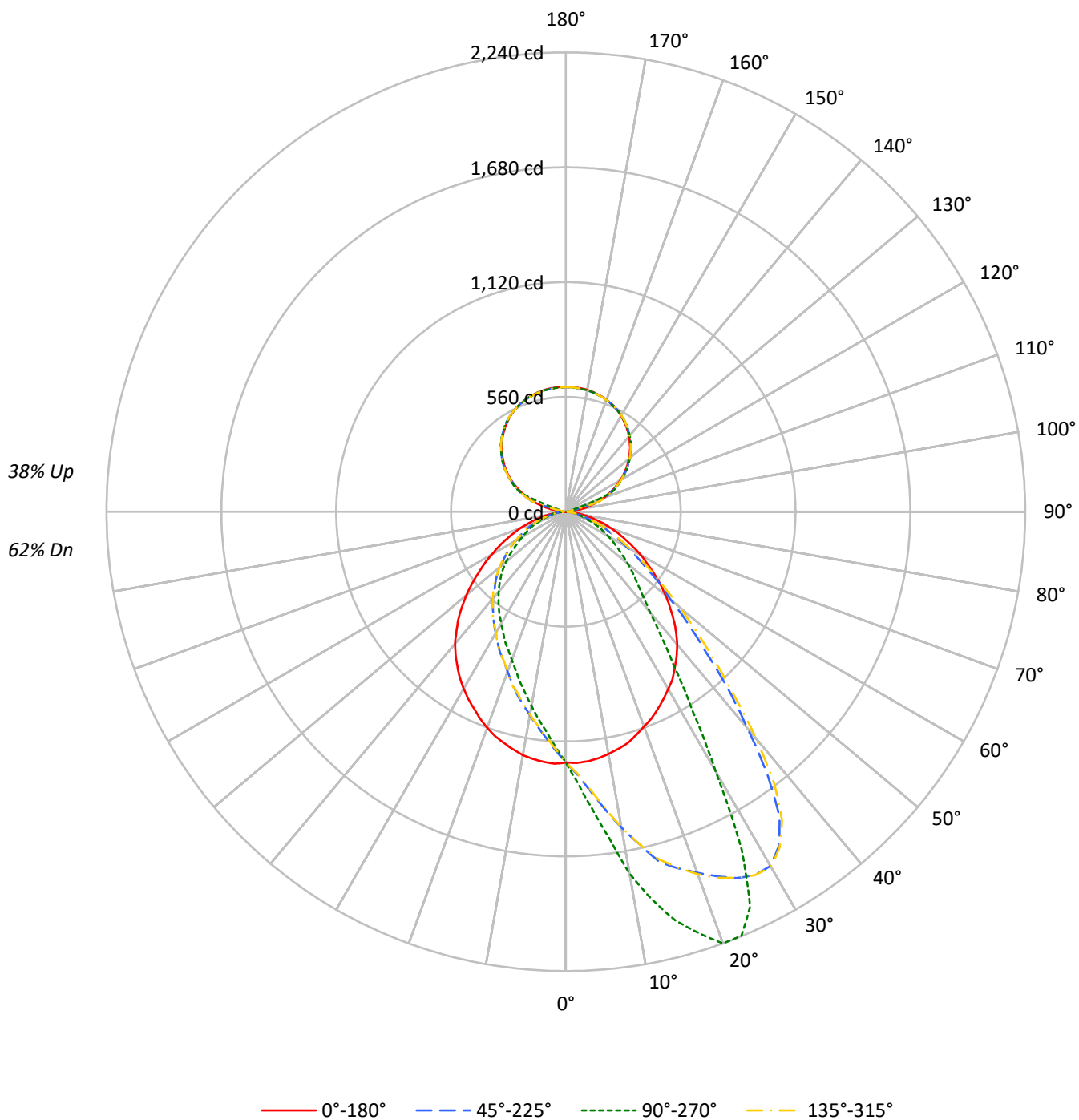
Lumens per Lamp: N/A
Luminaire Lumens: 4899.0 lumens
Efficiency: N/A
Efficacy: 99.8 lumens/watt
Spacing Criteria (0/90/45): 1.22 / 1.2 / 1.34
Luminous Opening: Rectangular w/ Sides (W: 0.25' x L: 4' x H: 0.1')
CIE Type: Semi-Direct

Input Watts (W): 49.1
Input Voltage (V):
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT

TEST NUMBER: P1032436

CATALOG NUMBER: S123RDIW-B775D460UB40-4F0-XX-W2A-A

Luminous Intensity Polar Plot



TEST NUMBER: P1032436

CATALOG NUMBER: S123RDIW-B775D460UB40-4F0-XX-W2A-A

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

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

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	13159	13159	13159	13159
5°	13168	15155	13203	11244
10°	13052	18294	13110	9821
15°	12918	20763	12918	8659
20°	12653	22396	12724	7681
25°	12459	21277	12435	7009
30°	12234	14742	12208	6351
35°	11962	9466	11908	5855
40°	11624	6684	11566	5362
45°	11036	5349	11021	4882
50°	10314	4475	10280	4321
55°	9502	3688	9426	3663
60°	8704	3048	8617	3114
65°	7767	2439	7818	2640
70°	6903	1694	7088	2134
75°	5854	1258	6090	1642
80°	4658	834	5054	1231
85°	3314	395	3621	765

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 30°

Vertical Angle: 45°

Luminance: 17567 cd/sqm

TEST NUMBER: P1032436

CATALOG NUMBER: S123RDIW-B775D460UB40-4F0-XX-W2A-A

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	120.1	2.5
10°-20°	375.8	7.7
20°-30°	591.9	12.1
30°-40°	615.5	12.6
40°-50°	526.5	10.7
50°-60°	401.4	8.2
60°-70°	257.2	5.2
70°-80°	123.2	2.5
80°-90°	33.6	0.7
90°-100°	21.4	0.4
100°-110°	103.7	2.1
110°-120°	254.0	5.2
120°-130°	322.5	6.6
130°-140°	344.5	7.0
140°-150°	322.2	6.6
150°-160°	259.9	5.3
160°-170°	167.7	3.4
170°-180°	57.8	1.2
0°-30°	1087.7	22.2
0°-40°	1703.2	34.8
0°-60°	2631.2	53.7
0°-90°	3045.2	62.2
90°-120°	379.2	7.7
90°-150°	1368.4	27.9
90°-180°	1854.0	37.8
0°-180°	4899.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1222	1222	1222	1222	1222	
5°	1221	1452	1225	1077	1221	116
15°	1167	2063	1167	860	1167	328
25°	1061	2126	1059	700	1061	489
35°	926	922	922	570	926	580
45°	743	492	742	449	743	572
55°	524	309	520	307	524	470
65°	321	178	323	193	321	321
75°	154	75	160	98	154	166
85°	34	18	38	34	34	39
90°	0	14	0	14	0	3
95°	28	17	28	17	28	33
105°	135	20	135	20	135	143
115°	252	266	252	266	252	249
125°	356	363	356	363	356	318
135°	443	448	443	448	443	341
145°	511	516	511	516	511	320
155°	563	562	563	562	563	260
165°	594	593	594	593	594	168
175°	608	606	608	606	608	58
180°	608	608	608	608	608	

TEST NUMBER: P1032436

CATALOG NUMBER: S123RDIW-B775D460UB40-4F0-XX-W2A-A

CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	1222.5	1222.5	1222.5	1222.5	1222.5	1222.5	1222.5	1222.5	1222.5	1222.5	1222.5
2.5°	1225.6	1234.0	1240.3	1244.4	1254.9	1261.2	1266.4	1275.8	1275.8	1277.9	1282.1
5°	1221.4	1239.2	1251.8	1268.5	1290.5	1301.0	1315.6	1328.2	1346.0	1355.4	1364.8
7.5°	1212.0	1237.1	1263.3	1288.4	1320.8	1341.8	1356.4	1388.9	1411.9	1440.2	1462.1
10°	1199.4	1234.0	1267.5	1306.2	1350.2	1381.6	1403.5	1446.4	1490.4	1530.2	1563.7
12.5°	1183.7	1225.6	1273.7	1320.8	1382.6	1414.0	1449.6	1503.0	1565.8	1616.0	1661.0
15°	1167.0	1215.1	1269.6	1327.1	1404.6	1448.5	1499.8	1564.7	1634.8	1707.1	1768.8
17.5°	1140.8	1201.5	1262.2	1346.0	1437.0	1463.2	1507.1	1596.1	1683.0	1747.9	1823.2
20°	1114.7	1182.7	1259.1	1334.5	1432.8	1493.5	1534.4	1628.6	1721.7	1800.2	1872.4
22.5°	1090.6	1161.8	1241.3	1336.5	1428.6	1489.4	1540.6	1639.0	1746.8	1834.7	1923.7
25°	1061.3	1138.7	1226.6	1316.7	1428.6	1474.7	1531.2	1645.3	1759.4	1860.9	1970.8
27.5°	1029.9	1108.4	1195.3	1287.4	1389.9	1458.0	1513.4	1635.9	1775.1	1883.9	1997.0
30°	998.5	1079.1	1162.8	1245.5	1360.6	1425.5	1489.4	1624.4	1783.5	1908.0	1994.9
32.5°	968.1	1036.2	1118.8	1199.4	1313.5	1384.7	1456.9	1612.9	1786.6	1891.3	1933.1
35°	926.3	997.4	1064.4	1150.2	1265.4	1335.5	1420.3	1611.8	1773.0	1837.9	1816.9
37.5°	887.5	947.2	1011.0	1087.4	1205.7	1296.8	1384.7	1584.6	1728.0	1732.2	1613.9
40°	844.6	893.8	947.2	1027.8	1155.5	1245.5	1340.7	1542.7	1646.3	1584.6	1376.3
42.5°	795.4	839.4	881.3	959.8	1099.0	1199.4	1302.0	1490.4	1528.1	1385.7	1169.1
45°	743.1	778.7	817.4	900.1	1039.3	1138.7	1241.3	1409.8	1371.1	1170.1	963.9
47.5°	688.7	719.0	756.7	832.1	975.5	1077.0	1174.3	1294.7	1196.3	980.7	808.0
50°	634.3	658.3	695.0	772.4	910.6	1002.7	1092.7	1171.2	1033.0	841.5	667.7
52.5°	580.9	599.7	637.4	703.3	837.3	925.2	990.1	1020.5	880.2	695.0	579.8
55°	524.4	545.3	570.4	637.4	770.3	835.2	878.1	877.1	732.6	589.3	479.4
57.5°	469.9	488.8	510.8	577.7	685.5	729.5	766.1	748.3	611.2	482.5	411.3
60°	421.8	432.3	456.3	512.8	594.5	632.2	653.1	622.7	499.2	407.1	340.2
62.5°	369.5	379.9	399.8	453.2	503.4	523.3	541.1	502.4	412.4	331.8	291.0
65°	321.3	334.9	347.5	390.4	417.6	441.7	439.6	407.1	322.4	270.0	236.5
67.5°	279.4	284.7	295.1	321.3	333.9	351.7	352.7	316.1	259.6	219.8	199.9
70°	234.4	239.7	247.0	259.6	267.9	272.1	270.0	237.6	195.7	171.6	153.9
72.5°	195.7	194.7	199.9	199.9	208.3	207.2	201.0	175.8	148.6	128.7	118.3
75°	153.9	154.9	155.9	153.9	150.7	146.5	141.3	122.5	104.7	95.2	85.8
77.5°	120.4	118.3	119.3	112.0	107.8	103.6	96.3	86.9	72.2	70.1	65.9
80°	85.8	84.8	83.7	80.6	71.2	67.0	61.8	56.5	53.4	51.3	50.2
82.5°	57.6	57.6	55.5	49.2	44.0	40.8	39.8	37.7	34.5	34.5	33.5
85°	34.5	33.5	31.4	25.1	22.0	22.0	22.0	22.0	19.9	19.9	18.8
87.5°	13.6	12.6	9.4	9.4	8.4	8.4	8.4	7.3	7.3	6.3	6.3
90°	0.5	1.5	2.5	3.5	4.5	5.0	5.6	6.9	8.2	9.5	10.8
92.5°	10.4	9.8	9.2	8.6	8.0	7.7	8.1	9.0	9.9	10.8	11.7
95°	27.6	23.5	19.3	15.2	11.1	9.0	9.6	10.7	11.8	12.9	14.0
97.5°	50.1	47.3	44.5	41.7	38.9	37.5	34.9	29.8	24.7	19.6	14.5
100°	76.3	78.3	80.3	82.4	84.4	85.4	77.6	61.9	46.2	30.6	14.9
102.5°	106.2	107.5	108.8	110.1	111.4	112.0	103.3	85.8	68.3	50.9	33.4
105°	134.6	135.7	136.8	137.9	139.0	139.6	135.1	126.0	117.0	107.9	98.9
107.5°	164.9	165.8	166.7	167.6	168.5	169.0	169.7	171.2	172.7	174.2	175.7
110°	195.2	196.0	196.8	197.6	198.4	198.8	199.3	200.4	201.5	202.6	203.7



TEST NUMBER: P1032436

CATALOG NUMBER: S123RDIW-B775D460UB40-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	224.1	224.8	225.5	226.2	226.9	227.2	227.8	228.9	230.0	231.1	232.2
115°	252.5	253.1	253.7	254.3	254.9	255.2	255.7	256.6	257.5	258.4	259.3
117.5°	280.5	281.2	281.9	282.6	283.3	283.7	284.0	284.5	285.0	285.5	286.0
120°	306.3	307.2	308.1	309.0	309.9	310.4	310.5	310.8	311.1	311.4	311.7
122.5°	332.5	333.2	333.9	334.6	335.3	335.7	335.9	336.3	336.7	337.1	337.5
125°	356.0	356.8	357.6	358.4	359.2	359.6	359.8	360.2	360.6	361.0	361.4
127.5°	379.5	380.3	381.1	381.9	382.7	383.1	383.4	383.9	384.4	384.9	385.4
130°	401.2	402.0	402.8	403.6	404.4	404.8	405.0	405.4	405.8	406.2	406.6
132.5°	422.0	422.8	423.6	424.4	425.2	425.6	425.7	426.0	426.3	426.6	426.9
135°	443.2	443.8	444.4	445.0	445.6	445.9	446.1	446.5	446.9	447.3	447.7
137.5°	461.3	462.1	462.9	463.7	464.5	464.9	465.0	465.2	465.4	465.6	465.8
140°	479.3	479.9	480.5	481.1	481.7	482.0	482.2	482.5	482.8	483.1	483.4
142.5°	496.0	496.6	497.2	497.9	498.5	498.8	498.9	499.2	499.5	499.8	500.1
145°	511.4	512.1	512.8	513.5	514.2	514.6	514.7	514.9	515.1	515.3	515.5
147.5°	526.3	526.8	527.3	527.8	528.3	528.6	528.7	528.9	529.1	529.3	529.5
150°	539.9	540.2	540.5	540.8	541.1	541.2	541.3	541.5	541.7	541.9	542.1
152.5°	552.1	552.2	552.3	552.4	552.5	552.5	552.6	552.7	552.8	552.9	553.0
155°	563.4	563.2	563.0	562.8	562.6	562.5	562.5	562.6	562.7	562.8	562.9
157.5°	572.4	572.4	572.4	572.4	572.4	572.4	572.3	572.2	572.1	572.0	571.9
160°	580.5	580.4	580.3	580.2	580.1	580.1	580.0	579.9	579.8	579.7	579.6
162.5°	588.2	587.9	587.6	587.3	587.0	586.8	586.8	586.7	586.6	586.5	586.4
165°	594.1	593.8	593.5	593.2	592.9	592.7	592.7	592.6	592.5	592.4	592.3
167.5°	599.0	598.6	598.2	597.8	597.4	597.2	597.2	597.2	597.2	597.2	597.2
170°	603.1	602.7	602.3	601.9	601.5	601.3	601.3	601.3	601.3	601.3	601.3
172.5°	605.8	605.3	604.8	604.3	603.8	603.6	603.6	603.7	603.8	603.9	604.0
175°	608.1	607.6	607.1	606.6	606.1	605.8	605.9	606.0	606.1	606.2	606.3
177.5°	609.0	608.5	608.0	607.5	607.0	606.7	606.8	606.9	607.0	607.1	607.2
180°	608.1	608.1	608.1	608.1	608.1	608.1	608.1	608.1	608.1	608.1	608.1

TEST NUMBER: P1032436

CATALOG NUMBER: S123RDIW-B775D460UB40-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	1222.5	1222.5	1222.5	1222.5	1222.5	1222.5	1222.5	1222.5	1222.5	1222.5	1222.5
2.5°	1290.5	1290.5	1299.9	1309.3	1304.1	1307.2	1318.8	1314.6	1322.9	1321.9	1325.0
5°	1387.8	1399.3	1408.8	1428.6	1431.8	1428.6	1448.5	1453.8	1463.2	1451.7	1456.9
7.5°	1497.7	1521.8	1544.8	1574.1	1583.5	1585.6	1596.1	1610.8	1623.3	1600.3	1611.8
10°	1604.5	1641.1	1688.2	1714.4	1737.4	1745.8	1754.2	1763.6	1778.2	1791.8	1781.4
12.5°	1719.6	1773.0	1818.0	1865.1	1893.4	1890.2	1914.3	1920.6	1932.1	1935.2	1939.4
15°	1813.8	1889.2	1917.4	1987.5	1993.8	2014.8	2042.0	2066.0	2069.2	2062.9	2062.9
17.5°	1903.8	1968.7	2018.9	2075.5	2087.0	2104.8	2139.3	2150.8	2155.0	2154.0	2154.0
20°	1977.1	2020.0	2104.8	2151.9	2170.7	2193.7	2217.8	2232.5	2235.6	2239.8	2233.5
22.5°	2025.2	2090.1	2159.2	2197.9	2213.6	2222.0	2237.7	2241.9	2236.6	2237.7	2238.7
25°	2062.9	2126.8	2168.6	2179.1	2178.0	2167.6	2156.1	2136.2	2134.1	2125.7	2109.0
27.5°	2073.4	2097.4	2092.2	2049.3	2006.4	2002.2	1933.1	1895.4	1852.5	1858.8	1834.7
30°	2016.9	1985.5	1911.1	1802.3	1757.3	1684.0	1606.6	1526.0	1494.6	1460.0	1523.9
32.5°	1878.7	1766.7	1634.8	1493.5	1418.2	1353.3	1270.6	1212.0	1178.5	1150.2	1204.7
35°	1670.4	1495.6	1320.8	1186.9	1125.1	1066.5	989.1	959.8	917.9	922.1	927.3
37.5°	1402.5	1209.9	1078.0	946.2	905.3	881.3	824.7	779.7	765.1	760.9	760.9
40°	1151.3	993.3	876.0	772.4	741.0	721.1	676.1	655.2	639.5	635.3	640.5
42.5°	952.4	817.4	726.4	657.3	635.3	610.2	591.3	565.2	562.0	554.7	564.1
45°	799.6	682.4	614.4	564.1	545.3	535.9	514.9	499.2	493.0	491.9	499.2
47.5°	678.2	587.2	527.5	496.1	481.4	472.0	454.2	448.0	441.7	443.8	440.6
50°	569.4	501.3	462.6	434.4	424.9	415.5	404.0	397.7	394.6	394.6	393.5
52.5°	488.8	432.3	407.1	381.0	376.8	371.6	359.0	354.8	349.6	348.5	352.7
55°	418.7	379.9	354.8	339.1	334.9	324.5	319.2	314.0	310.8	308.8	309.8
57.5°	357.9	328.6	311.9	298.3	291.0	286.8	277.4	276.3	274.2	274.2	273.2
60°	307.7	286.8	266.9	258.5	253.3	248.1	247.0	240.7	237.6	239.7	238.6
62.5°	260.6	243.9	232.4	222.9	219.8	215.6	212.5	210.4	207.2	208.3	208.3
65°	217.7	204.1	195.7	187.3	186.3	182.1	181.1	179.0	179.0	177.9	180.0
67.5°	179.0	169.6	162.2	157.0	153.9	154.9	150.7	147.6	147.6	146.5	149.7
70°	142.3	137.1	129.8	123.5	119.3	119.3	114.1	113.0	113.0	113.0	112.0
72.5°	109.9	100.5	97.3	95.2	95.2	95.2	93.1	93.1	92.1	93.1	92.1
75°	81.6	80.6	78.5	77.5	77.5	76.4	75.4	75.4	75.4	75.4	75.4
77.5°	63.8	63.8	61.8	60.7	60.7	60.7	59.7	59.7	58.6	58.6	58.6
80°	47.1	47.1	45.0	45.0	45.0	44.0	44.0	44.0	45.0	44.0	44.0
82.5°	32.4	32.4	31.4	32.4	31.4	30.4	30.4	30.4	29.3	30.4	30.4
85°	18.8	18.8	17.8	16.7	17.8	17.8	16.7	17.8	16.7	17.8	16.7
87.5°	7.3	6.3	6.3	6.3	5.2	6.3	5.2	5.2	6.3	5.2	6.3
90°	11.2	11.6	12.0	12.4	12.6	12.7	12.9	13.2	13.4	13.6	13.4
92.5°	12.4	13.1	13.8	14.5	14.9	15.0	15.1	15.2	15.3	15.4	15.3
95°	14.7	15.4	16.1	16.8	17.2	17.2	17.2	17.2	17.2	17.2	17.2
97.5°	15.3	16.1	16.9	17.7	18.1	18.1	18.2	18.3	18.4	18.5	18.4
100°	15.7	16.5	17.3	18.1	18.5	18.6	18.7	18.8	18.9	19.0	18.9
102.5°	30.1	26.8	23.5	20.2	18.5	18.6	18.8	19.0	19.2	19.4	19.2
105°	81.1	63.4	45.6	27.9	19.0	19.1	19.3	19.5	19.7	19.9	19.7
107.5°	160.3	144.8	129.4	113.9	106.2	99.6	86.5	73.3	60.2	47.0	60.2
110°	200.4	197.1	193.8	190.5	188.8	181.6	167.3	152.9	138.6	124.2	138.6

TEST NUMBER: P1032436

CATALOG NUMBER: S123RDIW-B775D460UB40-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	233.1	234.0	234.9	235.8	236.3	236.2	236.0	235.8	235.6	235.4	235.6
115°	260.3	261.3	262.3	263.3	263.8	264.0	264.4	264.8	265.2	265.6	265.2
117.5°	286.8	287.6	288.4	289.2	289.6	289.6	289.7	289.8	289.9	290.0	289.9
120°	312.5	313.3	314.1	314.9	315.3	315.3	315.3	315.3	315.3	315.3	315.3
122.5°	338.0	338.5	339.0	339.5	339.7	339.8	339.9	340.0	340.1	340.2	340.1
125°	361.6	361.8	362.0	362.2	362.3	362.4	362.6	362.8	363.0	363.2	363.0
127.5°	385.7	386.0	386.3	386.6	386.7	386.6	386.4	386.2	386.0	385.8	386.0
130°	407.0	407.4	407.8	408.2	408.4	408.3	408.1	407.9	407.7	407.5	407.7
132.5°	427.3	427.7	428.1	428.5	428.7	428.6	428.3	428.0	427.7	427.4	427.7
135°	448.0	448.3	448.6	448.9	449.1	448.9	448.6	448.3	448.0	447.7	448.0
137.5°	466.3	466.8	467.3	467.8	468.0	467.9	467.7	467.5	467.3	467.1	467.3
140°	483.8	484.2	484.6	485.0	485.2	485.1	484.9	484.7	484.5	484.3	484.5
142.5°	500.4	500.7	501.0	501.3	501.5	501.3	501.0	500.7	500.4	500.1	500.4
145°	515.7	515.9	516.1	516.3	516.4	516.4	516.4	516.4	516.4	516.4	516.4
147.5°	529.7	529.9	530.1	530.3	530.4	530.1	529.6	529.1	528.6	528.1	528.6
150°	542.3	542.5	542.7	542.9	543.0	542.9	542.6	542.3	542.0	541.7	542.0
152.5°	553.4	553.8	554.2	554.6	554.8	554.5	554.0	553.5	553.0	552.5	553.0
155°	563.4	563.9	564.4	564.9	565.2	564.9	564.3	563.7	563.1	562.5	563.1
157.5°	572.5	573.1	573.7	574.3	574.6	574.2	573.4	572.6	571.8	571.0	571.8
160°	580.2	580.8	581.4	582.0	582.3	582.0	581.3	580.6	579.9	579.2	579.9
162.5°	587.1	587.8	588.5	589.2	589.6	589.3	588.7	588.0	587.4	586.8	587.4
165°	593.1	593.9	594.7	595.5	595.9	595.5	594.8	594.1	593.4	592.7	593.4
167.5°	598.0	598.8	599.7	600.5	600.9	600.5	599.7	598.8	598.0	597.2	598.0
170°	602.1	602.9	603.7	604.5	604.9	604.5	603.7	602.9	602.1	601.3	602.1
172.5°	604.8	605.6	606.4	607.2	607.6	607.2	606.3	605.4	604.5	603.6	604.5
175°	607.0	607.7	608.4	609.1	609.4	609.0	608.2	607.4	606.6	605.8	606.6
177.5°	608.0	608.8	609.6	610.4	610.8	610.3	609.3	608.3	607.3	606.3	607.3
180°	608.1	608.1	608.1	608.1	608.1	608.1	608.1	608.1	608.1	608.1	608.1

TEST NUMBER: P1032436

CATALOG NUMBER: S123RDIW-B775D460UB40-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	1222.5	1222.5	1222.5	1222.5	1222.5	1222.5	1222.5	1222.5	1222.5	1222.5	1222.5
2.5°	1319.8	1313.5	1309.3	1306.2	1303.1	1312.5	1299.9	1286.3	1276.9	1270.6	1268.5
5°	1458.0	1444.3	1432.8	1423.4	1425.5	1425.5	1403.5	1379.5	1358.5	1347.0	1334.5
7.5°	1618.1	1603.4	1580.4	1575.2	1571.0	1544.8	1522.8	1478.9	1452.7	1426.6	1403.5
10°	1777.2	1758.3	1736.4	1729.0	1718.6	1686.1	1652.6	1596.1	1563.7	1515.5	1485.2
12.5°	1925.8	1902.8	1880.8	1875.6	1859.9	1831.6	1774.0	1715.4	1660.0	1608.7	1555.3
15°	2050.3	2044.1	2010.6	1989.6	1955.1	1916.4	1903.8	1824.3	1754.2	1700.8	1604.5
17.5°	2155.0	2125.7	2094.3	2080.7	2067.1	2022.1	1977.1	1895.4	1820.1	1741.6	1679.8
20°	2238.7	2206.3	2184.3	2164.4	2158.1	2106.9	2035.7	1963.5	1880.8	1792.9	1712.3
22.5°	2242.9	2238.7	2224.1	2212.6	2200.0	2166.5	2110.0	2020.0	1932.1	1835.8	1730.1
25°	2156.1	2149.8	2191.6	2181.2	2189.5	2177.0	2146.6	2071.3	1968.7	1855.7	1748.9
27.5°	1894.4	1958.2	2024.2	2047.2	2062.9	2107.9	2122.6	2080.7	1998.0	1877.7	1758.3
30°	1538.5	1623.3	1730.1	1787.6	1831.6	1915.3	2024.2	2037.8	1999.1	1902.8	1756.2
32.5°	1207.8	1285.3	1371.1	1439.1	1497.7	1669.4	1815.9	1921.6	1940.5	1890.2	1761.5
35°	973.4	1006.9	1088.5	1153.4	1232.9	1379.5	1552.2	1722.8	1837.9	1844.2	1745.8
37.5°	802.8	820.6	891.7	928.4	975.5	1104.2	1265.4	1488.3	1667.3	1752.1	1701.8
40°	664.6	705.4	746.2	767.2	800.7	889.6	1044.5	1219.3	1441.2	1598.2	1633.8
42.5°	576.7	594.5	620.7	650.0	670.9	748.3	852.0	1012.1	1212.0	1430.7	1529.1
45°	508.7	514.9	542.2	561.0	583.0	637.4	710.7	844.6	1020.5	1236.1	1403.5
47.5°	452.1	464.7	479.4	490.9	505.5	547.4	610.2	707.5	862.4	1055.0	1235.0
50°	401.9	409.2	428.1	433.3	443.8	473.1	521.2	595.5	723.2	877.1	1063.4
52.5°	354.8	368.4	375.7	383.1	392.5	416.6	448.0	508.7	605.0	749.4	907.4
55°	318.2	322.4	332.8	339.1	346.4	363.2	390.4	435.4	510.8	625.9	775.6
57.5°	282.6	282.6	293.1	298.3	305.6	318.2	342.2	376.8	431.2	517.0	654.1
60°	244.9	246.0	254.3	260.6	262.7	275.3	295.1	322.4	364.2	427.0	539.0
62.5°	211.4	216.7	220.8	222.9	230.3	237.6	254.3	273.2	302.5	357.9	437.5
65°	183.2	184.2	187.3	189.4	192.6	201.0	213.5	226.1	251.2	292.0	356.9
67.5°	150.7	154.9	159.1	159.1	162.2	166.4	179.0	189.4	208.3	232.4	276.3
70°	113.0	115.1	121.4	124.5	128.7	136.1	142.3	148.6	163.3	181.1	214.6
72.5°	94.2	94.2	96.3	97.3	97.3	102.6	112.0	118.3	125.6	138.2	161.2
75°	75.4	75.4	78.5	77.5	79.5	81.6	82.7	86.9	91.1	100.5	114.1
77.5°	59.7	60.7	60.7	61.8	61.8	62.8	63.8	65.9	68.0	73.3	79.5
80°	44.0	45.0	45.0	46.1	46.1	47.1	48.1	49.2	51.3	53.4	56.5
82.5°	30.4	31.4	31.4	32.4	31.4	32.4	33.5	33.5	34.5	36.6	37.7
85°	17.8	17.8	18.8	17.8	17.8	17.8	18.8	18.8	19.9	23.0	23.0
87.5°	5.2	6.3	5.2	6.3	6.3	6.3	6.3	7.3	7.3	8.4	9.4
90°	13.2	12.9	12.7	12.6	12.4	12.0	11.6	11.2	10.8	9.5	8.2
92.5°	15.2	15.1	15.0	14.9	14.5	13.8	13.1	12.4	11.7	10.8	9.9
95°	17.2	17.2	17.2	17.2	16.8	16.1	15.4	14.7	14.0	12.9	11.8
97.5°	18.3	18.2	18.1	18.1	17.7	16.9	16.1	15.3	14.5	19.6	24.7
100°	18.8	18.7	18.6	18.5	18.1	17.3	16.5	15.7	14.9	30.6	46.2
102.5°	19.0	18.8	18.6	18.5	20.2	23.5	26.8	30.1	33.4	50.9	68.3
105°	19.5	19.3	19.1	19.0	27.9	45.6	63.4	81.1	98.9	107.9	117.0
107.5°	73.3	86.5	99.6	106.2	113.9	129.4	144.8	160.3	175.7	174.2	172.7
110°	152.9	167.3	181.6	188.8	190.5	193.8	197.1	200.4	203.7	202.6	201.5

TEST NUMBER: P1032436

CATALOG NUMBER: S123RDIW-B775D460UB40-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	235.8	236.0	236.2	236.3	235.8	234.9	234.0	233.1	232.2	231.1	230.0
115°	264.8	264.4	264.0	263.8	263.3	262.3	261.3	260.3	259.3	258.4	257.5
117.5°	289.8	289.7	289.6	289.6	289.2	288.4	287.6	286.8	286.0	285.5	285.0
120°	315.3	315.3	315.3	315.3	314.9	314.1	313.3	312.5	311.7	311.4	311.1
122.5°	340.0	339.9	339.8	339.7	339.5	339.0	338.5	338.0	337.5	337.1	336.7
125°	362.8	362.6	362.4	362.3	362.2	362.0	361.8	361.6	361.4	361.0	360.6
127.5°	386.2	386.4	386.6	386.7	386.6	386.3	386.0	385.7	385.4	384.9	384.4
130°	407.9	408.1	408.3	408.4	408.2	407.8	407.4	407.0	406.6	406.2	405.8
132.5°	428.0	428.3	428.6	428.7	428.5	428.1	427.7	427.3	426.9	426.6	426.3
135°	448.3	448.6	448.9	449.1	448.9	448.6	448.3	448.0	447.7	447.3	446.9
137.5°	467.5	467.7	467.9	468.0	467.8	467.3	466.8	466.3	465.8	465.6	465.4
140°	484.7	484.9	485.1	485.2	485.0	484.6	484.2	483.8	483.4	483.1	482.8
142.5°	500.7	501.0	501.3	501.5	501.3	501.0	500.7	500.4	500.1	499.8	499.5
145°	516.4	516.4	516.4	516.4	516.3	516.1	515.9	515.7	515.5	515.3	515.1
147.5°	529.1	529.6	530.1	530.4	530.3	530.1	529.9	529.7	529.5	529.3	529.1
150°	542.3	542.6	542.9	543.0	542.9	542.7	542.5	542.3	542.1	541.9	541.7
152.5°	553.5	554.0	554.5	554.8	554.6	554.2	553.8	553.4	553.0	552.9	552.8
155°	563.7	564.3	564.9	565.2	564.9	564.4	563.9	563.4	562.9	562.8	562.7
157.5°	572.6	573.4	574.2	574.6	574.3	573.7	573.1	572.5	571.9	572.0	572.1
160°	580.6	581.3	582.0	582.3	582.0	581.4	580.8	580.2	579.6	579.7	579.8
162.5°	588.0	588.7	589.3	589.6	589.2	588.5	587.8	587.1	586.4	586.5	586.6
165°	594.1	594.8	595.5	595.9	595.5	594.7	593.9	593.1	592.3	592.4	592.5
167.5°	598.8	599.7	600.5	600.9	600.5	599.7	598.8	598.0	597.2	597.2	597.2
170°	602.9	603.7	604.5	604.9	604.5	603.7	602.9	602.1	601.3	601.3	601.3
172.5°	605.4	606.3	607.2	607.6	607.2	606.4	605.6	604.8	604.0	603.9	603.8
175°	607.4	608.2	609.0	609.4	609.1	608.4	607.7	607.0	606.3	606.2	606.1
177.5°	608.3	609.3	610.3	610.8	610.4	609.6	608.8	608.0	607.2	607.1	607.0
180°	608.1	608.1	608.1	608.1	608.1	608.1	608.1	608.1	608.1	608.1	608.1

TEST NUMBER: P1032436

CATALOG NUMBER: S123RDIW-B775D460UB40-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
0°	1222.5	1222.5	1222.5	1222.5	1222.5	1222.5	1222.5	1222.5	1222.5	1222.5	1222.5
2.5°	1265.4	1260.1	1254.9	1254.9	1243.4	1232.9	1227.7	1229.8	1223.5	1215.1	1206.8
5°	1320.8	1299.9	1295.7	1284.2	1268.5	1246.5	1235.0	1224.6	1212.0	1195.3	1179.6
7.5°	1372.1	1344.9	1330.3	1318.8	1288.4	1258.0	1232.9	1216.2	1194.2	1169.1	1150.2
10°	1439.1	1388.9	1373.2	1347.0	1304.1	1261.2	1231.9	1204.7	1174.3	1145.0	1119.9
12.5°	1492.5	1434.9	1405.6	1379.5	1324.0	1269.6	1220.4	1186.9	1150.2	1117.8	1085.4
15°	1553.2	1488.3	1437.0	1405.6	1335.5	1269.6	1214.1	1167.0	1126.2	1086.4	1058.1
17.5°	1582.5	1500.9	1477.8	1432.8	1331.3	1265.4	1197.3	1147.1	1097.9	1051.9	1018.4
20°	1628.6	1533.3	1475.7	1445.4	1355.4	1258.0	1178.5	1120.9	1069.7	1020.5	984.9
22.5°	1631.7	1528.1	1490.4	1432.8	1321.9	1236.1	1161.8	1091.6	1032.0	985.9	949.3
25°	1624.4	1518.7	1466.3	1420.3	1328.2	1223.5	1128.3	1059.2	1000.6	947.2	904.3
27.5°	1621.2	1491.4	1442.3	1396.2	1292.6	1186.9	1108.4	1029.9	962.9	915.8	871.8
30°	1617.0	1462.1	1402.5	1349.1	1253.9	1158.6	1064.4	996.4	932.5	872.9	828.9
32.5°	1589.8	1422.4	1361.7	1305.1	1202.6	1107.3	1033.0	960.8	891.7	836.3	796.5
35°	1581.5	1385.7	1306.2	1245.5	1145.0	1060.2	981.7	922.1	857.2	801.7	754.6
37.5°	1557.4	1348.1	1262.2	1184.8	1080.1	999.5	942.0	882.3	819.5	759.9	722.2
40°	1515.5	1304.1	1206.8	1127.2	1019.4	937.8	884.4	840.4	778.7	725.3	679.3
42.5°	1453.8	1259.1	1154.4	1070.7	951.4	875.0	831.0	789.2	736.8	681.4	643.7
45°	1382.6	1199.4	1102.1	1009.0	887.5	813.2	767.2	742.1	693.9	646.8	602.9
47.5°	1285.3	1137.7	1041.4	945.1	821.6	749.4	712.8	687.6	654.1	602.9	567.3
50°	1162.8	1058.1	967.1	881.3	756.7	687.6	651.0	632.2	603.9	567.3	532.7
52.5°	1026.7	966.0	890.7	811.1	690.8	625.9	592.4	577.7	556.8	522.3	493.0
55°	889.6	863.5	812.2	733.7	621.7	568.3	539.0	520.2	504.5	479.4	454.2
57.5°	767.2	754.6	719.0	658.3	564.1	508.7	483.5	471.0	458.4	439.6	414.5
60°	640.5	654.1	617.5	587.2	501.3	453.2	431.2	417.6	411.3	394.6	378.9
62.5°	530.6	543.2	522.3	499.2	438.5	395.6	382.0	369.5	365.3	350.6	334.9
65°	431.2	446.9	431.2	418.7	382.0	346.4	329.7	323.4	319.2	309.8	297.2
67.5°	343.3	359.0	351.7	336.0	324.5	295.1	285.7	279.4	277.4	270.0	259.6
70°	258.5	280.5	282.6	273.2	262.7	249.1	242.8	240.7	235.5	229.2	222.9
72.5°	186.3	211.4	212.5	212.5	206.2	206.2	199.9	196.8	196.8	190.5	183.2
75°	137.1	153.9	155.9	158.0	161.2	164.3	160.1	160.1	159.1	152.8	149.7
77.5°	91.1	105.7	110.9	118.3	122.5	122.5	124.5	126.6	124.5	121.4	119.3
80°	58.6	69.1	75.4	79.5	85.8	89.0	92.1	93.1	91.1	90.0	86.9
82.5°	38.7	41.9	45.0	50.2	57.6	62.8	62.8	61.8	63.8	62.8	61.8
85°	22.0	24.1	25.1	26.2	30.4	35.6	36.6	37.7	39.8	37.7	35.6
87.5°	8.4	9.4	9.4	9.4	11.5	12.6	15.7	19.9	18.8	16.7	16.7
90°	6.9	5.6	5.0	4.5	3.5	2.5	1.5	0.5	1.5	2.5	3.5
92.5°	9.0	8.1	7.7	8.0	8.6	9.2	9.8	10.4	9.8	9.2	8.6
95°	10.7	9.6	9.0	11.1	15.2	19.3	23.5	27.6	23.5	19.3	15.2
97.5°	29.8	34.9	37.5	38.9	41.7	44.5	47.3	50.1	47.3	44.5	41.7
100°	61.9	77.6	85.4	84.4	82.4	80.3	78.3	76.3	78.3	80.3	82.4
102.5°	85.8	103.3	112.0	111.4	110.1	108.8	107.5	106.2	107.5	108.8	110.1
105°	126.0	135.1	139.6	139.0	137.9	136.8	135.7	134.6	135.7	136.8	137.9
107.5°	171.2	169.7	169.0	168.5	167.6	166.7	165.8	164.9	165.8	166.7	167.6
110°	200.4	199.3	198.8	198.4	197.6	196.8	196.0	195.2	196.0	196.8	197.6

TEST NUMBER: P1032436

CATALOG NUMBER: S123RDIW-B775D460UB40-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
112.5°	228.9	227.8	227.2	226.9	226.2	225.5	224.8	224.1	224.8	225.5	226.2
115°	256.6	255.7	255.2	254.9	254.3	253.7	253.1	252.5	253.1	253.7	254.3
117.5°	284.5	284.0	283.7	283.3	282.6	281.9	281.2	280.5	281.2	281.9	282.6
120°	310.8	310.5	310.4	309.9	309.0	308.1	307.2	306.3	307.2	308.1	309.0
122.5°	336.3	335.9	335.7	335.3	334.6	333.9	333.2	332.5	333.2	333.9	334.6
125°	360.2	359.8	359.6	359.2	358.4	357.6	356.8	356.0	356.8	357.6	358.4
127.5°	383.9	383.4	383.1	382.7	381.9	381.1	380.3	379.5	380.3	381.1	381.9
130°	405.4	405.0	404.8	404.4	403.6	402.8	402.0	401.2	402.0	402.8	403.6
132.5°	426.0	425.7	425.6	425.2	424.4	423.6	422.8	422.0	422.8	423.6	424.4
135°	446.5	446.1	445.9	445.6	445.0	444.4	443.8	443.2	443.8	444.4	445.0
137.5°	465.2	465.0	464.9	464.5	463.7	462.9	462.1	461.3	462.1	462.9	463.7
140°	482.5	482.2	482.0	481.7	481.1	480.5	479.9	479.3	479.9	480.5	481.1
142.5°	499.2	498.9	498.8	498.5	497.9	497.2	496.6	496.0	496.6	497.2	497.9
145°	514.9	514.7	514.6	514.2	513.5	512.8	512.1	511.4	512.1	512.8	513.5
147.5°	528.9	528.7	528.6	528.3	527.8	527.3	526.8	526.3	526.8	527.3	527.8
150°	541.5	541.3	541.2	541.1	540.8	540.5	540.2	539.9	540.2	540.5	540.8
152.5°	552.7	552.6	552.5	552.5	552.4	552.3	552.2	552.1	552.2	552.3	552.4
155°	562.6	562.5	562.5	562.6	562.8	563.0	563.2	563.4	563.2	563.0	562.8
157.5°	572.2	572.3	572.4	572.4	572.4	572.4	572.4	572.4	572.4	572.4	572.4
160°	579.9	580.0	580.1	580.1	580.2	580.3	580.4	580.5	580.4	580.3	580.2
162.5°	586.7	586.8	586.8	587.0	587.3	587.6	587.9	588.2	587.9	587.6	587.3
165°	592.6	592.7	592.7	592.9	593.2	593.5	593.8	594.1	593.8	593.5	593.2
167.5°	597.2	597.2	597.2	597.4	597.8	598.2	598.6	599.0	598.6	598.2	597.8
170°	601.3	601.3	601.3	601.5	601.9	602.3	602.7	603.1	602.7	602.3	601.9
172.5°	603.7	603.6	603.6	603.8	604.3	604.8	605.3	605.8	605.3	604.8	604.3
175°	606.0	605.9	605.8	606.1	606.6	607.1	607.6	608.1	607.6	607.1	606.6
177.5°	606.9	606.8	606.7	607.0	607.5	608.0	608.5	609.0	608.5	608.0	607.5
180°	608.1	608.1	608.1	608.1	608.1	608.1	608.1	608.1	608.1	608.1	608.1

TEST NUMBER: P1032436

CATALOG NUMBER: S123RDIW-B775D460UB40-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
0°	1222.5	1222.5	1222.5	1222.5	1222.5	1222.5	1222.5	1222.5	1222.5	1222.5	1222.5
2.5°	1206.8	1201.5	1199.4	1194.2	1181.6	1173.3	1163.9	1157.6	1158.6	1153.4	1156.5
5°	1169.1	1168.0	1160.7	1150.2	1132.5	1123.0	1106.3	1097.9	1093.7	1094.8	1088.5
7.5°	1137.7	1128.3	1123.0	1106.3	1089.5	1069.7	1056.0	1048.7	1042.4	1036.2	1032.0
10°	1102.1	1093.7	1085.4	1067.6	1044.5	1025.7	1006.9	999.5	990.1	985.9	982.8
12.5°	1064.4	1059.2	1048.7	1027.8	1001.6	983.8	961.9	957.7	945.1	936.7	934.6
15°	1029.9	1026.7	1007.9	983.8	957.7	939.9	921.0	908.5	887.5	891.7	884.4
17.5°	993.3	979.6	968.1	935.7	923.1	895.9	873.9	867.7	853.0	843.6	834.2
20°	952.4	944.1	929.4	908.5	878.1	846.7	830.0	819.5	811.1	796.5	792.3
22.5°	913.7	903.2	890.7	863.5	837.3	811.1	788.1	778.7	768.2	757.8	751.5
25°	883.4	867.7	854.0	820.6	794.4	772.4	757.8	742.1	727.4	721.1	719.0
27.5°	836.3	826.8	813.2	781.8	757.8	733.7	720.1	709.6	693.9	686.6	680.3
30°	805.9	787.1	771.4	746.2	722.2	696.0	683.4	670.9	661.5	652.0	644.7
32.5°	765.1	750.4	737.9	712.8	688.7	664.6	651.0	632.2	626.9	619.6	611.2
35°	725.3	715.9	702.3	675.1	648.9	632.2	617.5	599.7	593.4	588.2	580.9
37.5°	687.6	674.0	664.6	638.4	615.4	595.5	584.0	569.4	565.2	558.9	553.7
40°	655.2	641.6	632.2	606.0	581.9	561.0	553.7	539.0	532.7	525.4	522.3
42.5°	618.6	607.0	594.5	575.6	550.5	529.6	514.9	506.6	498.2	495.1	488.8
45°	579.8	569.4	559.9	539.0	512.8	498.2	485.6	474.1	467.8	462.6	458.4
47.5°	546.3	536.9	524.4	501.3	480.4	466.8	454.2	442.7	436.4	430.2	424.9
50°	507.6	502.4	488.8	466.8	446.9	431.2	419.7	409.2	405.0	397.7	389.3
52.5°	473.1	463.7	452.1	434.4	416.6	397.7	382.0	375.7	368.4	364.2	356.9
55°	432.3	426.0	413.4	397.7	378.9	363.2	351.7	343.3	333.9	329.7	320.3
57.5°	397.7	386.2	379.9	360.0	342.2	326.5	318.2	309.8	299.3	293.1	288.9
60°	360.0	349.6	340.2	323.4	310.8	294.1	281.5	274.2	266.9	258.5	254.3
62.5°	323.4	315.0	303.5	289.9	274.2	260.6	251.2	240.7	236.5	228.2	225.0
65°	283.6	277.4	267.9	252.2	239.7	228.2	218.7	210.4	206.2	203.0	201.0
67.5°	248.1	239.7	233.4	219.8	206.2	196.8	191.5	186.3	181.1	177.9	174.8
70°	211.4	205.1	198.9	186.3	176.9	168.5	164.3	160.1	157.0	153.9	150.7
72.5°	173.7	170.6	164.3	155.9	148.6	142.3	139.2	134.0	130.8	125.6	123.5
75°	143.4	138.2	135.0	127.7	121.4	116.2	112.0	105.7	101.5	99.4	98.4
77.5°	113.0	110.9	106.8	100.5	97.3	92.1	85.8	83.7	81.6	81.6	80.6
80°	84.8	81.6	78.5	73.3	70.1	65.9	65.9	65.9	64.9	65.9	64.9
82.5°	57.6	55.5	53.4	50.2	49.2	49.2	50.2	50.2	50.2	50.2	50.2
85°	33.5	33.5	33.5	34.5	33.5	33.5	34.5	35.6	34.5	34.5	33.5
87.5°	15.7	15.7	16.7	16.7	17.8	17.8	17.8	17.8	17.8	17.8	18.8
90°	4.5	5.0	5.6	6.9	8.2	9.5	10.8	11.2	11.6	12.0	12.4
92.5°	8.0	7.7	8.1	9.0	9.9	10.8	11.7	12.4	13.1	13.8	14.5
95°	11.1	9.0	9.6	10.7	11.8	12.9	14.0	14.7	15.4	16.1	16.8
97.5°	38.9	37.5	34.9	29.8	24.7	19.6	14.5	15.3	16.1	16.9	17.7
100°	84.4	85.4	77.6	61.9	46.2	30.6	14.9	15.7	16.5	17.3	18.1
102.5°	111.4	112.0	103.3	85.8	68.3	50.9	33.4	30.1	26.8	23.5	20.2
105°	139.0	139.6	135.1	126.0	117.0	107.9	98.9	81.1	63.4	45.6	27.9
107.5°	168.5	169.0	169.7	171.2	172.7	174.2	175.7	160.3	144.8	129.4	113.9
110°	198.4	198.8	199.3	200.4	201.5	202.6	203.7	200.4	197.1	193.8	190.5

TEST NUMBER: P1032436

CATALOG NUMBER: S123RDIW-B775D460UB40-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
112.5°	226.9	227.2	227.8	228.9	230.0	231.1	232.2	233.1	234.0	234.9	235.8
115°	254.9	255.2	255.7	256.6	257.5	258.4	259.3	260.3	261.3	262.3	263.3
117.5°	283.3	283.7	284.0	284.5	285.0	285.5	286.0	286.8	287.6	288.4	289.2
120°	309.9	310.4	310.5	310.8	311.1	311.4	311.7	312.5	313.3	314.1	314.9
122.5°	335.3	335.7	335.9	336.3	336.7	337.1	337.5	338.0	338.5	339.0	339.5
125°	359.2	359.6	359.8	360.2	360.6	361.0	361.4	361.6	361.8	362.0	362.2
127.5°	382.7	383.1	383.4	383.9	384.4	384.9	385.4	385.7	386.0	386.3	386.6
130°	404.4	404.8	405.0	405.4	405.8	406.2	406.6	407.0	407.4	407.8	408.2
132.5°	425.2	425.6	425.7	426.0	426.3	426.6	426.9	427.3	427.7	428.1	428.5
135°	445.6	445.9	446.1	446.5	446.9	447.3	447.7	448.0	448.3	448.6	448.9
137.5°	464.5	464.9	465.0	465.2	465.4	465.6	465.8	466.3	466.8	467.3	467.8
140°	481.7	482.0	482.2	482.5	482.8	483.1	483.4	483.8	484.2	484.6	485.0
142.5°	498.5	498.8	498.9	499.2	499.5	499.8	500.1	500.4	500.7	501.0	501.3
145°	514.2	514.6	514.7	514.9	515.1	515.3	515.5	515.7	515.9	516.1	516.3
147.5°	528.3	528.6	528.7	528.9	529.1	529.3	529.5	529.7	529.9	530.1	530.3
150°	541.1	541.2	541.3	541.5	541.7	541.9	542.1	542.3	542.5	542.7	542.9
152.5°	552.5	552.5	552.6	552.7	552.8	552.9	553.0	553.4	553.8	554.2	554.6
155°	562.6	562.5	562.5	562.6	562.7	562.8	562.9	563.4	563.9	564.4	564.9
157.5°	572.4	572.4	572.3	572.2	572.1	572.0	571.9	572.5	573.1	573.7	574.3
160°	580.1	580.1	580.0	579.9	579.8	579.7	579.6	580.2	580.8	581.4	582.0
162.5°	587.0	586.8	586.8	586.7	586.6	586.5	586.4	587.1	587.8	588.5	589.2
165°	592.9	592.7	592.7	592.6	592.5	592.4	592.3	593.1	593.9	594.7	595.5
167.5°	597.4	597.2	597.2	597.2	597.2	597.2	597.2	598.0	598.8	599.7	600.5
170°	601.5	601.3	601.3	601.3	601.3	601.3	601.3	602.1	602.9	603.7	604.5
172.5°	603.8	603.6	603.6	603.7	603.8	603.9	604.0	604.8	605.6	606.4	607.2
175°	606.1	605.8	605.9	606.0	606.1	606.2	606.3	607.0	607.7	608.4	609.1
177.5°	607.0	606.7	606.8	606.9	607.0	607.1	607.2	608.0	608.8	609.6	610.4
180°	608.1	608.1	608.1	608.1	608.1	608.1	608.1	608.1	608.1	608.1	608.1

TEST NUMBER: P1032436

CATALOG NUMBER: S123RDIW-B775D460UB40-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
0°	1222.5	1222.5	1222.5	1222.5	1222.5	1222.5	1222.5	1222.5	1222.5	1222.5	1222.5
2.5°	1155.5	1156.5	1153.4	1147.1	1146.1	1148.2	1154.4	1152.3	1147.1	1156.5	1148.2
5°	1091.6	1086.4	1084.3	1086.4	1080.1	1077.0	1083.3	1080.1	1083.3	1084.3	1087.4
7.5°	1029.9	1030.9	1024.6	1025.7	1017.3	1019.4	1019.4	1019.4	1022.6	1024.6	1028.8
10°	976.5	978.6	971.3	972.3	966.0	961.9	965.0	971.3	971.3	971.3	973.4
12.5°	933.6	924.2	918.9	917.9	910.6	908.5	914.8	916.8	922.1	922.1	925.2
15°	880.2	878.1	873.9	873.9	856.1	860.3	862.4	869.7	880.2	871.8	873.9
17.5°	832.1	826.8	821.6	819.5	817.4	811.1	819.5	818.5	824.7	825.8	828.9
20°	789.2	785.0	774.5	775.6	777.6	768.2	773.5	773.5	779.7	786.0	793.3
22.5°	747.3	743.1	737.9	740.0	733.7	731.6	731.6	736.8	744.2	749.4	748.3
25°	714.8	707.5	704.4	701.2	698.1	700.2	697.1	702.3	707.5	710.7	707.5
27.5°	678.2	675.1	668.8	665.7	660.4	662.5	664.6	668.8	671.9	671.9	675.1
30°	642.6	638.4	636.4	633.2	633.2	629.0	630.1	634.3	637.4	640.5	644.7
32.5°	608.1	605.0	601.8	601.8	599.7	598.7	597.6	603.9	603.9	610.2	610.2
35°	579.8	574.6	574.6	569.4	571.5	570.4	568.3	572.5	573.6	577.7	576.7
37.5°	548.4	548.4	546.3	541.1	536.9	538.0	543.2	543.2	546.3	545.3	548.4
40°	517.0	514.9	514.9	511.8	510.8	509.7	510.8	511.8	517.0	516.0	517.0
42.5°	485.6	486.7	481.4	481.4	481.4	478.3	479.4	480.4	482.5	484.6	487.7
45°	455.3	453.2	452.1	450.1	448.0	449.0	448.0	452.1	451.1	453.2	456.3
47.5°	422.8	419.7	418.7	414.5	414.5	416.6	415.5	418.7	419.7	422.8	420.7
50°	391.4	387.3	384.1	385.2	378.9	381.0	381.0	384.1	387.3	388.3	390.4
52.5°	354.8	353.8	352.7	347.5	346.4	345.4	346.4	347.5	351.7	354.8	355.9
55°	319.2	318.2	311.9	309.8	306.7	306.7	308.8	309.8	317.1	318.2	322.4
57.5°	286.8	283.6	276.3	275.3	275.3	275.3	272.1	276.3	278.4	283.6	283.6
60°	251.2	251.2	244.9	244.9	246.0	244.9	244.9	246.0	246.0	250.1	252.2
62.5°	222.9	221.9	221.9	219.8	218.7	219.8	218.7	218.7	219.8	222.9	226.1
65°	197.8	196.8	195.7	194.7	192.6	192.6	193.6	195.7	195.7	197.8	198.9
67.5°	173.7	173.7	171.6	171.6	170.6	169.6	170.6	169.6	173.7	173.7	174.8
70°	149.7	148.6	145.5	144.4	141.3	142.3	142.3	145.5	146.5	148.6	150.7
72.5°	120.4	120.4	118.3	116.2	117.2	115.1	115.1	116.2	116.2	119.3	120.4
75°	99.4	97.3	96.3	97.3	96.3	98.4	96.3	96.3	98.4	98.4	98.4
77.5°	81.6	81.6	80.6	80.6	81.6	80.6	81.6	81.6	81.6	80.6	81.6
80°	67.0	65.9	65.9	65.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
82.5°	50.2	50.2	49.2	50.2	50.2	49.2	50.2	49.2	49.2	50.2	50.2
85°	33.5	35.6	33.5	33.5	34.5	34.5	35.6	34.5	35.6	33.5	34.5
87.5°	17.8	18.8	18.8	17.8	17.8	18.8	18.8	18.8	19.9	17.8	18.8
90°	12.6	12.7	12.9	13.2	13.4	13.6	13.4	13.2	12.9	12.7	12.6
92.5°	14.9	15.0	15.1	15.2	15.3	15.4	15.3	15.2	15.1	15.0	14.9
95°	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2
97.5°	18.1	18.1	18.2	18.3	18.4	18.5	18.4	18.3	18.2	18.1	18.1
100°	18.5	18.6	18.7	18.8	18.9	19.0	18.9	18.8	18.7	18.6	18.5
102.5°	18.5	18.6	18.8	19.0	19.2	19.4	19.2	19.0	18.8	18.6	18.5
105°	19.0	19.1	19.3	19.5	19.7	19.9	19.7	19.5	19.3	19.1	19.0
107.5°	106.2	99.6	86.5	73.3	60.2	47.0	60.2	73.3	86.5	99.6	106.2
110°	188.8	181.6	167.3	152.9	138.6	124.2	138.6	152.9	167.3	181.6	188.8

TEST NUMBER: P1032436

CATALOG NUMBER: S123RDIW-B775D460UB40-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
112.5°	236.3	236.2	236.0	235.8	235.6	235.4	235.6	235.8	236.0	236.2	236.3
115°	263.8	264.0	264.4	264.8	265.2	265.6	265.2	264.8	264.4	264.0	263.8
117.5°	289.6	289.6	289.7	289.8	289.9	290.0	289.9	289.8	289.7	289.6	289.6
120°	315.3	315.3	315.3	315.3	315.3	315.3	315.3	315.3	315.3	315.3	315.3
122.5°	339.7	339.8	339.9	340.0	340.1	340.2	340.1	340.0	339.9	339.8	339.7
125°	362.3	362.4	362.6	362.8	363.0	363.2	363.0	362.8	362.6	362.4	362.3
127.5°	386.7	386.6	386.4	386.2	386.0	385.8	386.0	386.2	386.4	386.6	386.7
130°	408.4	408.3	408.1	407.9	407.7	407.5	407.7	407.9	408.1	408.3	408.4
132.5°	428.7	428.6	428.3	428.0	427.7	427.4	427.7	428.0	428.3	428.6	428.7
135°	449.1	448.9	448.6	448.3	448.0	447.7	448.0	448.3	448.6	448.9	449.1
137.5°	468.0	467.9	467.7	467.5	467.3	467.1	467.3	467.5	467.7	467.9	468.0
140°	485.2	485.1	484.9	484.7	484.5	484.3	484.5	484.7	484.9	485.1	485.2
142.5°	501.5	501.3	501.0	500.7	500.4	500.1	500.4	500.7	501.0	501.3	501.5
145°	516.4	516.4	516.4	516.4	516.4	516.4	516.4	516.4	516.4	516.4	516.4
147.5°	530.4	530.1	529.6	529.1	528.6	528.1	528.6	529.1	529.6	530.1	530.4
150°	543.0	542.9	542.6	542.3	542.0	541.7	542.0	542.3	542.6	542.9	543.0
152.5°	554.8	554.5	554.0	553.5	553.0	552.5	553.0	553.5	554.0	554.5	554.8
155°	565.2	564.9	564.3	563.7	563.1	562.5	563.1	563.7	564.3	564.9	565.2
157.5°	574.6	574.2	573.4	572.6	571.8	571.0	571.8	572.6	573.4	574.2	574.6
160°	582.3	582.0	581.3	580.6	579.9	579.2	579.9	580.6	581.3	582.0	582.3
162.5°	589.6	589.3	588.7	588.0	587.4	586.8	587.4	588.0	588.7	589.3	589.6
165°	595.9	595.5	594.8	594.1	593.4	592.7	593.4	594.1	594.8	595.5	595.9
167.5°	600.9	600.5	599.7	598.8	598.0	597.2	598.0	598.8	599.7	600.5	600.9
170°	604.9	604.5	603.7	602.9	602.1	601.3	602.1	602.9	603.7	604.5	604.9
172.5°	607.6	607.2	606.3	605.4	604.5	603.6	604.5	605.4	606.3	607.2	607.6
175°	609.4	609.0	608.2	607.4	606.6	605.8	606.6	607.4	608.2	609.0	609.4
177.5°	610.8	610.3	609.3	608.3	607.3	606.3	607.3	608.3	609.3	610.3	610.8
180°	608.1	608.1	608.1	608.1	608.1	608.1	608.1	608.1	608.1	608.1	608.1

TEST NUMBER: P1032436

CATALOG NUMBER: S123RDIW-B775D460UB40-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
0°	1222.5	1222.5	1222.5	1222.5	1222.5	1222.5	1222.5	1222.5	1222.5	1222.5	1222.5
2.5°	1156.5	1160.7	1156.5	1148.2	1156.5	1161.8	1167.0	1175.4	1179.6	1179.6	1185.8
5°	1090.6	1099.0	1095.8	1093.7	1102.1	1107.3	1115.7	1126.2	1137.7	1145.0	1153.4
7.5°	1032.0	1037.2	1042.4	1042.4	1050.8	1062.3	1074.9	1087.4	1102.1	1112.6	1118.8
10°	980.7	984.9	988.0	992.2	1004.8	1017.3	1034.1	1049.8	1062.3	1073.8	1084.3
12.5°	931.5	937.8	945.1	948.2	957.7	973.4	989.1	1007.9	1027.8	1039.3	1049.8
15°	884.4	887.5	895.9	905.3	913.7	930.5	950.3	970.2	987.0	1004.8	1014.2
17.5°	836.3	837.3	859.3	854.0	881.3	897.0	907.4	926.3	953.5	968.1	982.8
20°	789.2	799.6	809.0	814.3	828.9	846.7	877.1	891.7	913.7	927.3	939.9
22.5°	752.5	768.2	768.2	780.8	788.1	804.9	826.8	855.1	879.2	888.6	906.4
25°	720.1	727.4	740.0	744.2	757.8	772.4	787.1	817.4	843.6	856.1	868.7
27.5°	678.2	687.6	704.4	704.4	722.2	737.9	755.7	775.6	801.7	819.5	833.1
30°	645.8	655.2	662.5	674.0	681.4	696.0	727.4	742.1	765.1	780.8	797.5
32.5°	615.4	622.7	629.0	641.6	650.0	666.7	683.4	709.6	729.5	744.2	761.9
35°	581.9	589.3	597.6	607.0	619.6	635.3	651.0	673.0	692.9	706.5	721.1
37.5°	550.5	555.8	568.3	574.6	585.1	599.7	619.6	642.6	660.4	670.9	685.5
40°	520.2	524.4	533.8	545.3	552.6	564.1	585.1	605.0	626.9	639.5	651.0
42.5°	487.7	493.0	501.3	512.8	524.4	536.9	548.4	571.5	591.3	601.8	614.4
45°	459.5	462.6	468.9	480.4	491.9	501.3	519.1	540.1	558.9	567.3	580.9
47.5°	426.0	429.1	438.5	443.8	456.3	468.9	486.7	507.6	524.4	532.7	545.3
50°	391.4	394.6	400.9	412.4	420.7	434.4	450.1	467.8	488.8	500.3	507.6
52.5°	357.9	364.2	369.5	378.9	389.3	403.0	417.6	434.4	452.1	463.7	472.0
55°	324.5	329.7	336.0	341.2	353.8	366.3	383.1	398.8	414.5	424.9	434.4
57.5°	286.8	294.1	300.4	310.8	320.3	330.7	349.6	362.1	381.0	388.3	396.7
60°	254.3	261.7	266.9	275.3	283.6	297.2	309.8	325.5	341.2	350.6	361.1
62.5°	227.1	230.3	233.4	241.8	250.1	262.7	275.3	291.0	307.7	312.9	321.3
65°	199.9	203.0	208.3	215.6	221.9	229.2	242.8	255.4	271.1	279.4	282.6
67.5°	176.9	180.0	181.1	186.3	191.5	199.9	207.2	219.8	234.4	239.7	246.0
70°	150.7	155.9	157.0	161.2	163.3	168.5	176.9	186.3	197.8	207.2	212.5
72.5°	120.4	127.7	129.8	136.1	139.2	144.4	150.7	158.0	165.4	169.6	173.7
75°	98.4	100.5	101.5	106.8	112.0	119.3	122.5	126.6	132.9	138.2	142.3
77.5°	81.6	82.7	83.7	83.7	84.8	89.0	95.2	100.5	104.7	106.8	109.9
80°	65.9	64.9	64.9	65.9	65.9	65.9	68.0	75.4	77.5	82.7	81.6
82.5°	51.3	49.2	50.2	49.2	49.2	49.2	49.2	50.2	50.2	53.4	55.5
85°	33.5	34.5	33.5	33.5	32.4	33.5	32.4	32.4	31.4	31.4	30.4
87.5°	17.8	18.8	17.8	17.8	16.7	17.8	16.7	16.7	15.7	15.7	13.6
90°	12.4	12.0	11.6	11.2	10.8	9.5	8.2	6.9	5.6	5.0	4.5
92.5°	14.5	13.8	13.1	12.4	11.7	10.8	9.9	9.0	8.1	7.7	8.0
95°	16.8	16.1	15.4	14.7	14.0	12.9	11.8	10.7	9.6	9.0	11.1
97.5°	17.7	16.9	16.1	15.3	14.5	19.6	24.7	29.8	34.9	37.5	38.9
100°	18.1	17.3	16.5	15.7	14.9	30.6	46.2	61.9	77.6	85.4	84.4
102.5°	20.2	23.5	26.8	30.1	33.4	50.9	68.3	85.8	103.3	112.0	111.4
105°	27.9	45.6	63.4	81.1	98.9	107.9	117.0	126.0	135.1	139.6	139.0
107.5°	113.9	129.4	144.8	160.3	175.7	174.2	172.7	171.2	169.7	169.0	168.5
110°	190.5	193.8	197.1	200.4	203.7	202.6	201.5	200.4	199.3	198.8	198.4

TEST NUMBER: P1032436

CATALOG NUMBER: S123RDIW-B775D460UB40-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
112.5°	235.8	234.9	234.0	233.1	232.2	231.1	230.0	228.9	227.8	227.2	226.9
115°	263.3	262.3	261.3	260.3	259.3	258.4	257.5	256.6	255.7	255.2	254.9
117.5°	289.2	288.4	287.6	286.8	286.0	285.5	285.0	284.5	284.0	283.7	283.3
120°	314.9	314.1	313.3	312.5	311.7	311.4	311.1	310.8	310.5	310.4	309.9
122.5°	339.5	339.0	338.5	338.0	337.5	337.1	336.7	336.3	335.9	335.7	335.3
125°	362.2	362.0	361.8	361.6	361.4	361.0	360.6	360.2	359.8	359.6	359.2
127.5°	386.6	386.3	386.0	385.7	385.4	384.9	384.4	383.9	383.4	383.1	382.7
130°	408.2	407.8	407.4	407.0	406.6	406.2	405.8	405.4	405.0	404.8	404.4
132.5°	428.5	428.1	427.7	427.3	426.9	426.6	426.3	426.0	425.7	425.6	425.2
135°	448.9	448.6	448.3	448.0	447.7	447.3	446.9	446.5	446.1	445.9	445.6
137.5°	467.8	467.3	466.8	466.3	465.8	465.6	465.4	465.2	465.0	464.9	464.5
140°	485.0	484.6	484.2	483.8	483.4	483.1	482.8	482.5	482.2	482.0	481.7
142.5°	501.3	501.0	500.7	500.4	500.1	499.8	499.5	499.2	498.9	498.8	498.5
145°	516.3	516.1	515.9	515.7	515.5	515.3	515.1	514.9	514.7	514.6	514.2
147.5°	530.3	530.1	529.9	529.7	529.5	529.3	529.1	528.9	528.7	528.6	528.3
150°	542.9	542.7	542.5	542.3	542.1	541.9	541.7	541.5	541.3	541.2	541.1
152.5°	554.6	554.2	553.8	553.4	553.0	552.9	552.8	552.7	552.6	552.5	552.5
155°	564.9	564.4	563.9	563.4	562.9	562.8	562.7	562.6	562.5	562.5	562.6
157.5°	574.3	573.7	573.1	572.5	571.9	572.0	572.1	572.2	572.3	572.4	572.4
160°	582.0	581.4	580.8	580.2	579.6	579.7	579.8	579.9	580.0	580.1	580.1
162.5°	589.2	588.5	587.8	587.1	586.4	586.5	586.6	586.7	586.8	586.8	587.0
165°	595.5	594.7	593.9	593.1	592.3	592.4	592.5	592.6	592.7	592.7	592.9
167.5°	600.5	599.7	598.8	598.0	597.2	597.2	597.2	597.2	597.2	597.2	597.4
170°	604.5	603.7	602.9	602.1	601.3	601.3	601.3	601.3	601.3	601.3	601.5
172.5°	607.2	606.4	605.6	604.8	604.0	603.9	603.8	603.7	603.6	603.6	603.8
175°	609.1	608.4	607.7	607.0	606.3	606.2	606.1	606.0	605.9	605.8	606.1
177.5°	610.4	609.6	608.8	608.0	607.2	607.1	607.0	606.9	606.8	606.7	607.0
180°	608.1	608.1	608.1	608.1	608.1	608.1	608.1	608.1	608.1	608.1	608.1

TEST NUMBER: P1032436

CATALOG NUMBER: S123RDIW-B775D460UB40-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
0°	1222.5	1222.5	1222.5	1222.5
2.5°	1191.1	1198.4	1213.0	1225.6
5°	1165.9	1177.5	1199.4	1221.4
7.5°	1135.6	1153.4	1181.6	1212.0
10°	1106.3	1129.3	1163.9	1199.4
12.5°	1077.0	1101.1	1137.7	1183.7
15°	1042.4	1067.6	1111.5	1167.0
17.5°	1012.1	1045.6	1085.4	1140.8
20°	979.6	1004.8	1056.0	1114.7
22.5°	938.8	980.7	1028.8	1090.6
25°	906.4	943.0	991.2	1061.3
27.5°	866.6	909.5	968.1	1029.9
30°	834.2	869.7	924.2	998.5
32.5°	796.5	838.3	894.9	968.1
35°	763.0	798.6	852.0	926.3
37.5°	723.2	761.9	821.6	887.5
40°	688.7	726.4	782.9	844.6
42.5°	646.8	686.6	743.1	795.4
45°	613.3	650.0	695.0	743.1
47.5°	572.5	611.2	655.2	688.7
50°	535.9	571.5	606.0	634.3
52.5°	496.1	528.5	559.9	580.9
55°	459.5	484.6	509.7	524.4
57.5°	416.6	440.6	461.6	469.9
60°	378.9	398.8	412.4	421.8
62.5°	339.1	353.8	364.2	369.5
65°	300.4	310.8	316.1	321.3
67.5°	260.6	270.0	273.2	279.4
70°	218.7	229.2	231.3	234.4
72.5°	187.3	187.3	191.5	195.7
75°	149.7	151.8	153.9	153.9
77.5°	117.2	117.2	119.3	120.4
80°	85.8	86.9	86.9	85.8
82.5°	58.6	60.7	58.6	57.6
85°	32.4	36.6	34.5	34.5
87.5°	13.6	13.6	15.7	13.6
90°	3.5	2.5	1.5	0.5
92.5°	8.6	9.2	9.8	10.4
95°	15.2	19.3	23.5	27.6
97.5°	41.7	44.5	47.3	50.1
100°	82.4	80.3	78.3	76.3
102.5°	110.1	108.8	107.5	106.2
105°	137.9	136.8	135.7	134.6
107.5°	167.6	166.7	165.8	164.9
110°	197.6	196.8	196.0	195.2

TEST NUMBER: P1032436

CATALOG NUMBER: S123RDIW-B775D460UB40-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
112.5°	226.2	225.5	224.8	224.1
115°	254.3	253.7	253.1	252.5
117.5°	282.6	281.9	281.2	280.5
120°	309.0	308.1	307.2	306.3
122.5°	334.6	333.9	333.2	332.5
125°	358.4	357.6	356.8	356.0
127.5°	381.9	381.1	380.3	379.5
130°	403.6	402.8	402.0	401.2
132.5°	424.4	423.6	422.8	422.0
135°	445.0	444.4	443.8	443.2
137.5°	463.7	462.9	462.1	461.3
140°	481.1	480.5	479.9	479.3
142.5°	497.9	497.2	496.6	496.0
145°	513.5	512.8	512.1	511.4
147.5°	527.8	527.3	526.8	526.3
150°	540.8	540.5	540.2	539.9
152.5°	552.4	552.3	552.2	552.1
155°	562.8	563.0	563.2	563.4
157.5°	572.4	572.4	572.4	572.4
160°	580.2	580.3	580.4	580.5
162.5°	587.3	587.6	587.9	588.2
165°	593.2	593.5	593.8	594.1
167.5°	597.8	598.2	598.6	599.0
170°	601.9	602.3	602.7	603.1
172.5°	604.3	604.8	605.3	605.8
175°	606.6	607.1	607.6	608.1
177.5°	607.5	608.0	608.5	609.0
180°	608.1	608.1	608.1	608.1

(END OF REPORT)