

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: P1032294

Luminaire Tested: S123RDIW-B560D1320UB30-4F0-XX-W2A-A

Issue Date: 5/7/2025

Test Information

Test Method: LM-79-2019
Report Number: P1032294
REPORT IS A COMBINATION OF REPORTS P994443 AND P1007351
Test Lab: INNOVATION CENTER
Issue Date: 5/7/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: NEO-RAY
Catalog Number: S123RDIW-B560D1320UB30-4F0-XX-W2A-A
Description: Define 3 Regressed Direct/Indirect Wall Mount with 3000K BioUP LEDs {m-DER=0.589}
{m-EER=0.647}
Light Source: -
Ballast/Driver: -

Summary

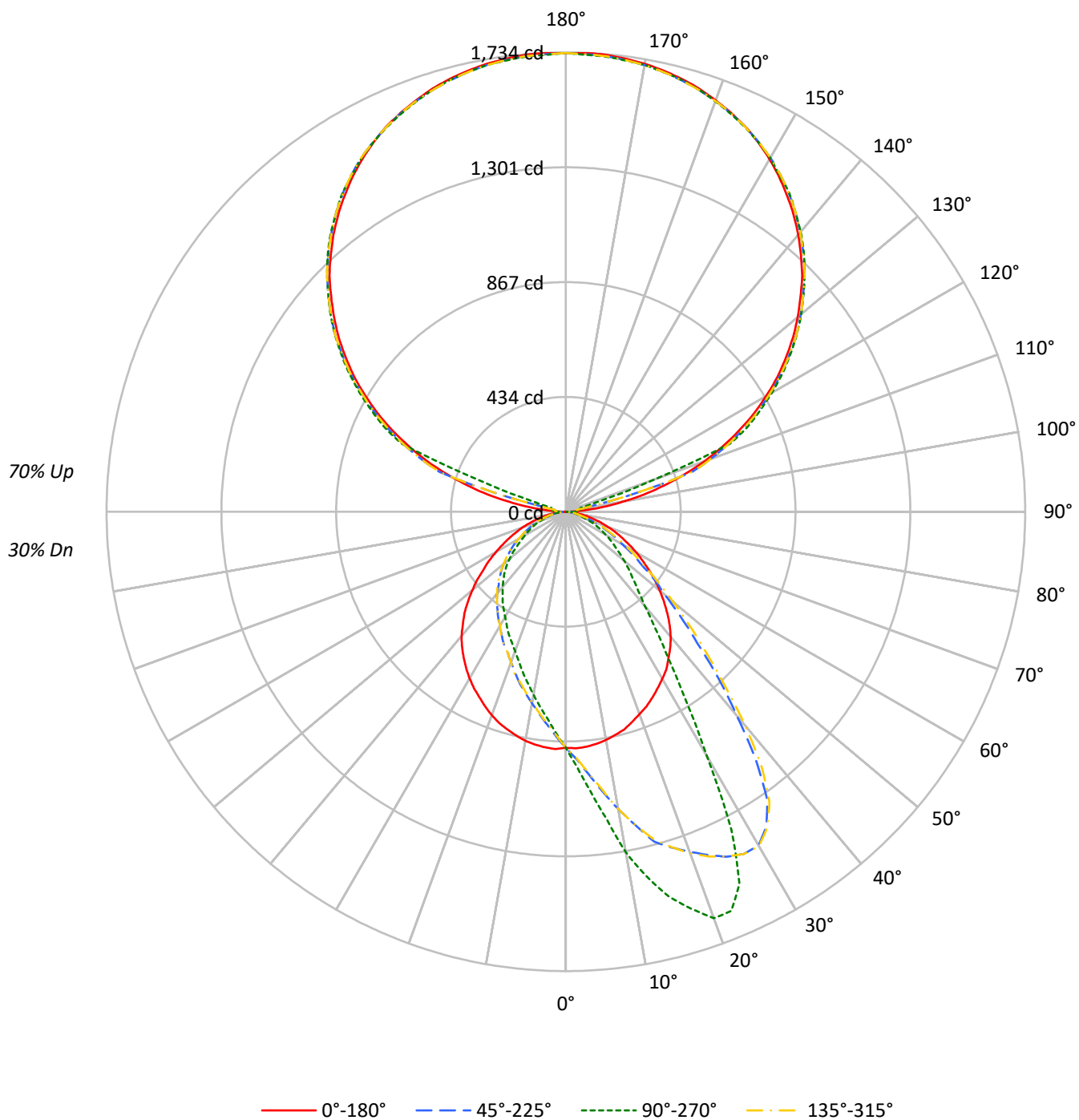
Lumens per Lamp: N/A
Luminaire Lumens: 7501.0 lumens
Efficiency: N/A
Efficacy: 113.5 lumens/watt
Spacing Criteria (0/90/45): 1.22 / 1.2 / 1.34
Luminous Opening: Rectangular w/ Sides (W: 0.25' x L: 4' x H: 0.1')
CIE Type: Semi-Indirect

Input Watts (W): 66.1
Input Voltage (V):
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT

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Luminous Intensity Polar Plot



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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20					20					20					20
RC	80				70					50					30					0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10
RCR																				
0	102	102	102	102	92	92	92	92	72	72	72	54	54	54	37	37	37	37	37	30
1	94	90	86	83	84	80	77	75	63	61	60	48	47	45	34	33	32	32	32	26
2	85	79	73	68	76	71	66	62	56	53	50	42	40	38	30	29	28	28	28	22
3	78	69	62	57	70	62	57	52	50	46	42	38	35	33	27	25	24	24	24	19
4	72	61	54	48	64	55	49	44	44	40	36	34	31	28	24	22	21	21	21	17
5	66	55	47	41	59	50	43	38	40	35	31	30	27	25	22	20	18	18	18	15
6	60	49	41	36	54	44	38	33	36	31	27	28	24	22	20	18	16	16	16	13
7	56	44	37	31	50	40	34	29	32	28	24	25	22	19	18	16	15	15	15	12
8	52	40	33	28	46	36	30	26	29	25	21	23	20	17	17	15	13	13	13	11
9	48	37	29	25	43	33	27	23	27	22	19	21	18	15	16	13	12	12	12	10
10	45	33	27	22	40	30	24	20	25	20	17	19	16	14	14	12	11	11	11	9

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	9592	9592	9592	9592
5°	9600	11047	9625	8196
10°	9515	13336	9557	7159
15°	9417	15136	9417	6313
20°	9224	16325	9275	5599
25°	9082	15511	9064	5109
30°	8918	10746	8899	4630
35°	8720	6900	8681	4268
40°	8474	4872	8432	3909
45°	8045	3899	8033	3559
50°	7519	3261	7493	3149
55°	6925	2688	6871	2669
60°	6345	2222	6281	2270
65°	5661	1778	5700	1925
70°	5033	1235	5168	1556
75°	4268	916	4439	1196
80°	3399	607	3686	897
85°	2421	288	2641	559

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 30°

Vertical Angle: 45°

Luminance: 12806 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	87.5	1.2
10°-20°	274.0	3.7
20°-30°	431.5	5.8
30°-40°	448.7	6.0
40°-50°	383.8	5.1
50°-60°	292.6	3.9
60°-70°	187.5	2.5
70°-80°	89.8	1.2
80°-90°	27.1	0.4
90°-100°	61.1	0.8
100°-110°	295.2	3.9
110°-120°	723.4	9.6
120°-130°	918.4	12.2
130°-140°	981.1	13.1
140°-150°	917.4	12.2
150°-160°	740.0	9.9
160°-170°	477.5	6.4
170°-180°	164.6	2.2
0°-30°	792.9	10.6
0°-40°	1241.6	16.6
0°-60°	1918.1	25.6
0°-90°	2222.5	29.6
90°-120°	1079.7	14.4
90°-150°	3896.5	51.9
90°-180°	5279.0	70.4
0°-180°	7501.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	891	891	891	891	891	
5°	890	1058	893	785	890	84
15°	851	1504	851	627	851	239
25°	774	1550	772	510	774	356
35°	675	672	672	416	675	423
45°	542	359	541	327	542	417
55°	382	225	379	224	382	343
65°	234	130	236	140	234	234
75°	112	55	117	72	112	121
85°	25	13	28	25	25	28
90°	1	39	1	39	1	6
95°	78	49	78	49	78	94
105°	383	57	383	57	383	406
115°	719	756	719	756	719	710
125°	1014	1034	1014	1034	1014	906
135°	1262	1275	1262	1275	1262	972
145°	1456	1470	1456	1470	1456	912
155°	1604	1602	1604	1602	1604	739
165°	1692	1688	1692	1688	1692	478
175°	1732	1725	1732	1725	1732	165
180°	1732	1732	1732	1732	1732	

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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	891.1	891.1	891.1	891.1	891.1	891.1	891.1	891.1	891.1	891.1	891.1
2.5°	893.4	899.5	904.1	907.2	914.8	919.4	923.2	930.1	930.1	931.6	934.6
5°	890.4	903.4	912.5	924.7	940.7	948.4	959.0	968.2	981.2	988.0	994.9
7.5°	883.5	901.8	920.9	939.2	962.9	978.1	988.8	1012.5	1029.2	1049.8	1065.9
10°	874.4	899.5	924.0	952.2	984.2	1007.1	1023.1	1054.4	1086.5	1115.5	1139.9
12.5°	862.9	893.4	928.5	962.9	1007.9	1030.8	1056.7	1095.6	1141.4	1178.0	1210.8
15°	850.7	885.8	925.5	967.4	1023.9	1055.9	1093.3	1140.6	1191.8	1244.4	1289.4
17.5°	831.6	875.9	920.1	981.2	1047.6	1066.6	1098.7	1163.5	1226.9	1274.2	1329.1
20°	812.6	862.2	917.8	972.8	1044.5	1088.8	1118.5	1187.2	1255.1	1312.3	1364.9
22.5°	795.0	846.9	904.9	974.3	1041.4	1085.7	1123.1	1194.8	1273.4	1337.5	1402.3
25°	773.6	830.1	894.2	959.8	1041.4	1075.0	1116.2	1199.4	1282.5	1356.6	1436.7
27.5°	750.8	808.0	871.3	938.4	1013.2	1062.8	1103.2	1192.5	1294.0	1373.3	1455.7
30°	727.9	786.6	847.7	907.9	991.9	1039.2	1085.7	1184.1	1300.1	1390.9	1454.2
32.5°	705.7	755.3	815.6	874.4	957.5	1009.4	1062.0	1175.7	1302.4	1378.7	1409.2
35°	675.2	727.1	775.9	838.5	922.4	973.5	1035.3	1175.0	1292.5	1339.8	1324.5
37.5°	647.0	690.5	737.0	792.7	878.9	945.3	1009.4	1155.1	1259.7	1262.7	1176.5
40°	615.7	651.6	690.5	749.2	842.3	907.9	977.4	1124.6	1200.1	1155.1	1003.3
42.5°	579.9	611.9	642.4	699.6	801.1	874.4	949.1	1086.5	1113.9	1010.2	852.2
45°	541.7	567.6	595.9	656.2	757.6	830.1	904.9	1027.7	999.5	853.0	702.7
47.5°	502.0	524.2	551.6	606.6	711.1	785.1	856.0	943.8	872.1	714.9	589.0
50°	462.4	479.9	506.6	563.1	663.8	730.9	796.5	853.8	753.0	613.4	486.8
52.5°	423.4	437.2	464.6	512.7	610.4	674.5	721.8	743.9	641.7	506.6	422.7
55°	382.2	397.5	415.8	464.6	561.5	608.8	640.1	639.4	534.1	429.6	349.4
57.5°	342.6	356.3	372.3	421.2	499.7	531.8	558.5	545.5	445.6	351.7	299.8
60°	307.5	315.1	332.7	373.9	433.4	460.8	476.1	454.0	363.9	296.8	248.0
62.5°	269.3	277.0	291.5	330.4	367.0	381.5	394.5	366.2	300.6	241.9	212.1
65°	234.2	244.1	253.3	284.6	304.4	322.0	320.4	296.8	235.0	196.8	172.4
67.5°	203.7	207.5	215.2	234.2	243.4	256.4	257.1	230.4	189.2	160.2	145.7
70°	170.9	174.7	180.1	189.2	195.3	198.4	196.8	173.2	142.7	125.1	112.2
72.5°	142.7	141.9	145.7	145.7	151.8	151.1	146.5	128.2	108.3	93.8	86.2
75°	112.2	112.9	113.7	112.2	109.9	106.8	103.0	89.3	76.3	69.4	62.6
77.5°	87.7	86.2	87.0	81.6	78.6	75.5	70.2	63.3	52.6	51.1	48.1
80°	62.6	61.8	61.0	58.7	51.9	48.8	45.0	41.2	38.9	37.4	36.6
82.5°	42.0	42.0	40.4	35.9	32.0	29.8	29.0	27.5	25.2	25.2	24.4
85°	25.2	24.4	22.9	18.3	16.0	16.0	16.0	16.0	14.5	14.5	13.7
87.5°	9.9	9.2	6.9	6.9	6.1	6.1	6.1	5.3	5.3	4.6	4.6
90°	1.3	4.2	7.0	9.9	12.8	14.2	16.1	19.8	23.5	27.2	30.9
92.5°	29.6	27.9	26.2	24.5	22.8	21.9	23.2	25.7	28.3	30.8	33.4
95°	78.5	66.8	55.0	43.3	31.6	25.7	27.3	30.4	33.6	36.7	39.9
97.5°	142.8	134.8	126.8	118.8	110.8	106.8	99.5	84.9	70.4	55.8	41.2
100°	217.4	223.1	228.8	234.5	240.2	243.1	220.8	176.2	131.7	87.1	42.5
102.5°	302.3	306.0	309.7	313.4	317.1	319.0	294.1	244.4	194.7	144.9	95.2
105°	383.3	386.5	389.6	392.8	395.9	397.5	384.6	358.9	333.2	307.4	281.7
107.5°	469.5	472.1	474.7	477.2	479.8	481.1	483.2	487.5	491.8	496.1	500.4
110°	555.7	558.0	560.3	562.6	564.9	566.0	567.6	570.7	573.9	577.0	580.2

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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	638.0	640.0	642.0	644.1	646.1	647.1	648.7	651.8	654.9	658.1	661.2
115°	719.1	720.8	722.5	724.2	725.9	726.8	728.1	730.7	733.2	735.8	738.4
117.5°	798.8	800.8	802.8	804.8	806.8	807.8	808.5	810.0	811.4	812.9	814.3
120°	872.2	874.8	877.3	879.9	882.4	883.7	884.1	885.0	885.9	886.7	887.6
122.5°	946.8	948.8	950.8	952.8	954.8	955.8	956.4	957.5	958.6	959.8	960.9
125°	1013.7	1016.0	1018.3	1020.6	1022.9	1024.0	1024.6	1025.7	1026.8	1028.0	1029.1
127.5°	1080.6	1082.9	1085.2	1087.5	1089.8	1090.9	1091.6	1093.0	1094.5	1095.9	1097.3
130°	1142.3	1144.6	1146.9	1149.2	1151.5	1152.6	1153.2	1154.3	1155.4	1156.6	1157.7
132.5°	1201.5	1203.8	1206.1	1208.4	1210.7	1211.8	1212.2	1213.1	1213.9	1214.8	1215.6
135°	1261.9	1263.6	1265.4	1267.1	1268.8	1269.7	1270.3	1271.4	1272.5	1273.7	1274.8
137.5°	1313.4	1315.7	1318.0	1320.3	1322.6	1323.7	1324.0	1324.6	1325.1	1325.7	1326.3
140°	1364.9	1366.6	1368.3	1370.0	1371.7	1372.6	1373.0	1373.9	1374.7	1375.6	1376.4
142.5°	1412.4	1414.1	1415.9	1417.6	1419.3	1420.2	1420.6	1421.5	1422.3	1423.2	1424.0
145°	1456.2	1458.2	1460.2	1462.2	1464.2	1465.2	1465.5	1466.1	1466.6	1467.2	1467.8
147.5°	1498.6	1500.0	1501.5	1502.9	1504.4	1505.1	1505.4	1505.9	1506.5	1507.0	1507.6
150°	1537.2	1538.1	1538.9	1539.8	1540.7	1541.1	1541.4	1542.0	1542.5	1543.1	1543.7
152.5°	1572.0	1572.3	1572.5	1572.8	1573.1	1573.2	1573.3	1573.6	1573.9	1574.2	1574.5
155°	1604.1	1603.5	1602.9	1602.4	1601.8	1601.5	1601.6	1601.9	1602.2	1602.5	1602.8
157.5°	1629.8	1629.8	1629.8	1629.8	1629.8	1629.8	1629.7	1629.4	1629.1	1628.9	1628.6
160°	1653.0	1652.7	1652.4	1652.1	1651.8	1651.7	1651.6	1651.3	1651.0	1650.7	1650.4
162.5°	1674.9	1674.0	1673.2	1672.3	1671.4	1671.0	1670.9	1670.6	1670.3	1670.0	1669.7
165°	1691.6	1690.7	1689.9	1689.0	1688.1	1687.7	1687.6	1687.3	1687.0	1686.7	1686.4
167.5°	1705.7	1704.6	1703.4	1702.3	1701.2	1700.6	1700.6	1700.6	1700.6	1700.6	1700.6
170°	1717.3	1716.2	1715.0	1713.9	1712.8	1712.2	1712.2	1712.2	1712.2	1712.2	1712.2
172.5°	1725.0	1723.6	1722.2	1720.7	1719.3	1718.6	1718.7	1719.0	1719.3	1719.6	1719.9
175°	1731.5	1730.1	1728.6	1727.2	1725.7	1725.0	1725.1	1725.4	1725.7	1726.0	1726.3
177.5°	1734.0	1732.6	1731.2	1729.7	1728.3	1727.6	1727.7	1728.0	1728.3	1728.6	1728.9
180°	1731.5	1731.5	1731.5	1731.5	1731.5	1731.5	1731.5	1731.5	1731.5	1731.5	1731.5

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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	891.1	891.1	891.1	891.1	891.1	891.1	891.1	891.1	891.1	891.1	891.1
2.5°	940.7	940.7	947.6	954.5	950.7	952.9	961.3	958.3	964.4	963.6	965.9
5°	1011.7	1020.1	1027.0	1041.4	1043.7	1041.4	1055.9	1059.8	1066.6	1058.2	1062.0
7.5°	1091.8	1109.4	1126.1	1147.5	1154.4	1155.9	1163.5	1174.2	1183.4	1166.6	1175.0
10°	1169.6	1196.3	1230.7	1249.7	1266.5	1272.6	1278.7	1285.6	1296.3	1306.2	1298.6
12.5°	1253.6	1292.5	1325.3	1359.6	1380.2	1377.9	1395.5	1400.0	1408.4	1410.7	1413.8
15°	1322.2	1377.2	1397.8	1448.9	1453.5	1468.7	1488.5	1506.1	1508.4	1503.8	1503.8
17.5°	1387.8	1435.1	1471.8	1513.0	1521.4	1534.3	1559.5	1567.9	1570.9	1570.2	1570.2
20°	1441.2	1472.5	1534.3	1568.7	1582.4	1599.2	1616.7	1627.4	1629.7	1632.7	1628.2
22.5°	1476.3	1523.6	1574.0	1602.2	1613.7	1619.8	1631.2	1634.3	1630.5	1631.2	1632.0
25°	1503.8	1550.3	1580.9	1588.5	1587.7	1580.1	1571.7	1557.2	1555.7	1549.6	1537.4
27.5°	1511.4	1529.0	1525.2	1493.9	1462.6	1459.6	1409.2	1381.7	1350.5	1355.0	1337.5
30°	1470.2	1447.3	1393.2	1313.8	1281.0	1227.6	1171.2	1112.4	1089.5	1064.3	1110.9
32.5°	1369.5	1287.9	1191.8	1088.8	1033.8	986.5	926.2	883.5	859.1	838.5	878.2
35°	1217.7	1090.3	962.9	865.2	820.2	777.5	721.0	699.6	669.1	672.2	676.0
37.5°	1022.4	882.0	785.9	689.7	660.0	642.4	601.2	568.4	557.7	554.7	554.7
40°	839.3	724.1	638.6	563.1	540.2	525.7	492.9	477.6	466.2	463.1	466.9
42.5°	694.3	595.9	529.5	479.1	463.1	444.8	431.1	412.0	409.7	404.4	411.2
45°	582.9	497.5	447.9	411.2	397.5	390.6	375.4	363.9	359.4	358.6	363.9
47.5°	494.4	428.0	384.5	361.6	351.0	344.1	331.1	326.5	322.0	323.5	321.2
50°	415.1	365.5	337.2	316.6	309.8	302.9	294.5	289.9	287.6	287.6	286.9
52.5°	356.3	315.1	296.8	277.7	274.7	270.9	261.7	258.6	254.8	254.1	257.1
55°	305.2	277.0	258.6	247.2	244.1	236.5	232.7	228.9	226.6	225.1	225.8
57.5°	260.9	239.6	227.4	217.4	212.1	209.1	202.2	201.4	199.9	199.9	199.1
60°	224.3	209.1	194.6	188.5	184.6	180.8	180.1	175.5	173.2	174.7	174.0
62.5°	190.0	177.8	169.4	162.5	160.2	157.2	154.9	153.4	151.1	151.8	151.8
65°	158.7	148.8	142.7	136.6	135.8	132.8	132.0	130.5	130.5	129.7	131.2
67.5°	130.5	123.6	118.3	114.4	112.2	112.9	109.9	107.6	107.6	106.8	109.1
70°	103.8	99.9	94.6	90.0	87.0	87.0	83.2	82.4	82.4	82.4	81.6
72.5°	80.1	73.2	71.0	69.4	69.4	69.4	67.9	67.9	67.1	67.9	67.1
75°	59.5	58.7	57.2	56.5	56.5	55.7	54.9	54.9	54.9	54.9	54.9
77.5°	46.5	46.5	45.0	44.3	44.3	44.3	43.5	43.5	42.7	42.7	42.7
80°	34.3	34.3	32.8	32.8	32.8	32.0	32.0	32.0	32.8	32.0	32.0
82.5°	23.7	23.7	22.9	23.7	22.9	22.1	22.1	22.1	21.4	22.1	22.1
85°	13.7	13.7	13.0	12.2	13.0	13.0	12.2	13.0	12.2	13.0	12.2
87.5°	5.3	4.6	4.6	4.6	3.8	4.6	3.8	3.8	4.6	3.8	4.6
90°	32.0	33.2	34.3	35.4	36.0	36.3	36.9	37.4	38.0	38.6	38.0
92.5°	35.4	37.4	39.5	41.5	42.5	42.6	42.9	43.2	43.4	43.7	43.4
95°	41.9	43.9	45.9	47.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9
97.5°	43.5	45.8	48.1	50.4	51.5	51.6	51.9	52.2	52.4	52.7	52.4
100°	44.8	47.0	49.3	51.6	52.7	52.8	53.1	53.4	53.7	54.0	53.7
102.5°	85.8	76.3	66.9	57.4	52.7	53.0	53.6	54.1	54.7	55.3	54.7
105°	231.1	180.5	129.9	79.3	54.0	54.3	54.9	55.4	56.0	56.6	56.0
107.5°	456.4	412.4	368.3	324.3	302.3	283.6	246.1	208.7	171.2	133.8	171.2
110°	570.8	561.3	551.9	542.4	537.7	517.3	476.4	435.5	394.7	353.8	394.7

TEST NUMBER: P1032294

CATALOG NUMBER: S123RDIW-B560D1320UB30-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	663.8	666.4	668.9	671.5	672.8	672.5	671.9	671.4	670.8	670.2	670.8
115°	741.2	744.1	746.9	749.8	751.2	751.8	752.9	754.1	755.2	756.4	755.2
117.5°	816.6	818.9	821.2	823.5	824.6	824.7	825.0	825.3	825.6	825.9	825.6
120°	889.9	892.2	894.5	896.8	897.9	897.9	897.9	897.9	897.9	897.9	897.9
122.5°	962.3	963.8	965.2	966.7	967.4	967.5	967.8	968.1	968.3	968.6	968.3
125°	1029.7	1030.3	1030.8	1031.4	1031.7	1032.0	1032.6	1033.1	1033.7	1034.3	1033.7
127.5°	1098.1	1099.0	1099.8	1100.7	1101.1	1100.8	1100.3	1099.7	1099.2	1098.6	1099.2
130°	1158.9	1160.0	1161.2	1162.3	1162.9	1162.6	1162.0	1161.5	1160.9	1160.3	1160.9
132.5°	1216.8	1217.9	1219.1	1220.2	1220.8	1220.4	1219.5	1218.6	1217.8	1216.9	1217.8
135°	1275.7	1276.5	1277.4	1278.3	1278.7	1278.3	1277.4	1276.5	1275.7	1274.8	1275.7
137.5°	1327.7	1329.1	1330.6	1332.0	1332.7	1332.4	1331.8	1331.3	1330.7	1330.1	1330.7
140°	1377.6	1378.7	1379.9	1381.0	1381.6	1381.3	1380.7	1380.2	1379.6	1379.0	1379.6
142.5°	1424.9	1425.7	1426.6	1427.5	1427.9	1427.5	1426.6	1425.7	1424.9	1424.0	1424.9
145°	1468.4	1468.9	1469.5	1470.0	1470.3	1470.3	1470.3	1470.3	1470.3	1470.3	1470.3
147.5°	1508.2	1508.8	1509.3	1509.9	1510.2	1509.5	1508.1	1506.6	1505.2	1503.8	1505.2
150°	1544.3	1544.8	1545.4	1545.9	1546.2	1545.8	1544.9	1544.1	1543.2	1542.4	1543.2
152.5°	1575.7	1576.8	1578.0	1579.1	1579.7	1579.0	1577.5	1576.1	1574.6	1573.2	1574.6
155°	1604.2	1605.7	1607.1	1608.6	1609.3	1608.4	1606.7	1605.0	1603.2	1601.5	1603.2
157.5°	1630.3	1632.0	1633.7	1635.4	1636.3	1635.2	1632.9	1630.6	1628.3	1626.0	1628.3
160°	1652.1	1653.8	1655.5	1657.2	1658.1	1657.1	1655.1	1653.1	1651.1	1649.1	1651.1
162.5°	1671.7	1673.7	1675.7	1677.7	1678.7	1677.8	1676.1	1674.4	1672.7	1671.0	1672.7
165°	1688.7	1691.0	1693.3	1695.6	1696.7	1695.7	1693.7	1691.7	1689.7	1687.7	1689.7
167.5°	1702.9	1705.2	1707.5	1709.8	1710.9	1709.8	1707.5	1705.2	1702.9	1700.6	1702.9
170°	1714.5	1716.8	1719.1	1721.4	1722.5	1721.4	1719.1	1716.8	1714.5	1712.2	1714.5
172.5°	1722.2	1724.5	1726.8	1729.1	1730.2	1728.9	1726.3	1723.8	1721.2	1718.6	1721.2
175°	1728.3	1730.3	1732.3	1734.3	1735.3	1734.2	1731.9	1729.6	1727.3	1725.0	1727.3
177.5°	1731.2	1733.5	1735.8	1738.1	1739.2	1737.8	1734.9	1732.0	1729.2	1726.3	1729.2
180°	1731.5	1731.5	1731.5	1731.5	1731.5	1731.5	1731.5	1731.5	1731.5	1731.5	1731.5

TEST NUMBER: P1032294

CATALOG NUMBER: S123RDIW-B560D1320UB30-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	891.1	891.1	891.1	891.1	891.1	891.1	891.1	891.1	891.1	891.1	891.1
2.5°	962.1	957.5	954.5	952.2	949.9	956.8	947.6	937.7	930.8	926.2	924.7
5°	1062.8	1052.9	1044.5	1037.6	1039.2	1039.2	1023.1	1005.6	990.3	981.9	972.8
7.5°	1179.5	1168.9	1152.1	1148.3	1145.2	1126.1	1110.1	1078.1	1059.0	1039.9	1023.1
10°	1295.5	1281.8	1265.8	1260.4	1252.8	1229.1	1204.7	1163.5	1139.9	1104.8	1082.6
12.5°	1403.9	1387.1	1371.1	1367.2	1355.8	1335.2	1293.2	1250.5	1210.1	1172.7	1133.8
15°	1494.7	1490.1	1465.7	1450.4	1425.2	1397.0	1387.8	1329.9	1278.7	1239.8	1169.6
17.5°	1570.9	1549.6	1526.7	1516.8	1506.9	1474.1	1441.2	1381.7	1326.8	1269.6	1224.6
20°	1632.0	1608.3	1592.3	1577.8	1573.2	1535.9	1484.0	1431.3	1371.1	1307.0	1248.2
22.5°	1635.0	1632.0	1621.3	1612.9	1603.8	1579.3	1538.1	1472.5	1408.4	1338.2	1261.2
25°	1571.7	1567.1	1597.7	1590.0	1596.1	1587.0	1564.8	1509.9	1435.1	1352.7	1274.9
27.5°	1381.0	1427.5	1475.6	1492.4	1503.8	1536.6	1547.3	1516.8	1456.5	1368.8	1281.8
30°	1121.6	1183.4	1261.2	1303.1	1335.2	1396.2	1475.6	1485.5	1457.3	1387.1	1280.3
32.5°	880.5	936.9	999.5	1049.1	1091.8	1216.9	1323.7	1400.8	1414.5	1377.9	1284.1
35°	709.6	734.0	793.5	840.8	898.8	1005.6	1131.5	1255.8	1339.8	1344.3	1272.6
37.5°	585.2	598.2	650.0	676.8	711.1	804.9	922.4	1084.9	1215.4	1277.2	1240.6
40°	484.5	514.2	544.0	559.3	583.7	648.5	761.4	888.9	1050.6	1165.0	1191.0
42.5°	420.4	433.4	452.4	473.8	489.1	545.5	621.1	737.8	883.5	1043.0	1114.7
45°	370.8	375.4	395.2	409.0	425.0	464.6	518.1	615.7	743.9	901.1	1023.1
47.5°	329.6	338.8	349.4	357.8	368.5	399.0	444.8	515.8	628.7	769.1	900.3
50°	293.0	298.3	312.1	315.9	323.5	344.9	380.0	434.1	527.2	639.4	775.2
52.5°	258.6	268.6	273.9	279.2	286.1	303.7	326.5	370.8	441.0	546.3	661.5
55°	231.9	235.0	242.6	247.2	252.5	264.7	284.6	317.4	372.3	456.3	565.4
57.5°	206.0	206.0	213.6	217.4	222.8	231.9	249.5	274.7	314.3	376.9	476.9
60°	178.5	179.3	185.4	190.0	191.5	200.7	215.2	235.0	265.5	311.3	392.9
62.5°	154.1	157.9	161.0	162.5	167.9	173.2	185.4	199.1	220.5	260.9	318.9
65°	133.5	134.3	136.6	138.1	140.4	146.5	155.6	164.8	183.1	212.9	260.2
67.5°	109.9	112.9	116.0	116.0	118.3	121.3	130.5	138.1	151.8	169.4	201.4
70°	82.4	83.9	88.5	90.8	93.8	99.2	103.8	108.3	119.0	132.0	156.4
72.5°	68.7	68.7	70.2	71.0	71.0	74.8	81.6	86.2	91.6	100.7	117.5
75°	54.9	54.9	57.2	56.5	58.0	59.5	60.3	63.3	66.4	73.2	83.2
77.5°	43.5	44.3	44.3	45.0	45.0	45.8	46.5	48.1	49.6	53.4	58.0
80°	32.0	32.8	32.8	33.6	33.6	34.3	35.1	35.9	37.4	38.9	41.2
82.5°	22.1	22.9	22.9	23.7	22.9	23.7	24.4	24.4	25.2	26.7	27.5
85°	13.0	13.0	13.7	13.0	13.0	13.0	13.7	13.7	14.5	16.8	16.8
87.5°	3.8	4.6	3.8	4.6	4.6	4.6	4.6	5.3	5.3	6.1	6.9
90°	37.4	36.9	36.3	36.0	35.4	34.3	33.2	32.0	30.9	27.2	23.5
92.5°	43.2	42.9	42.6	42.5	41.5	39.5	37.4	35.4	33.4	30.8	28.3
95°	48.9	48.9	48.9	48.9	47.9	45.9	43.9	41.9	39.9	36.7	33.6
97.5°	52.2	51.9	51.6	51.5	50.4	48.1	45.8	43.5	41.2	55.8	70.4
100°	53.4	53.1	52.8	52.7	51.6	49.3	47.0	44.8	42.5	87.1	131.7
102.5°	54.1	53.6	53.0	52.7	57.4	66.9	76.3	85.8	95.2	144.9	194.7
105°	55.4	54.9	54.3	54.0	79.3	129.9	180.5	231.1	281.7	307.4	333.2
107.5°	208.7	246.1	283.6	302.3	324.3	368.3	412.4	456.4	500.4	496.1	491.8
110°	435.5	476.4	517.3	537.7	542.4	551.9	561.3	570.8	580.2	577.0	573.9

TEST NUMBER: P1032294

CATALOG NUMBER: S123RDIW-B560D1320UB30-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	671.4	671.9	672.5	672.8	671.5	668.9	666.4	663.8	661.2	658.1	654.9
115°	754.1	752.9	751.8	751.2	749.8	746.9	744.1	741.2	738.4	735.8	733.2
117.5°	825.3	825.0	824.7	824.6	823.5	821.2	818.9	816.6	814.3	812.9	811.4
120°	897.9	897.9	897.9	897.9	896.8	894.5	892.2	889.9	887.6	886.7	885.9
122.5°	968.1	967.8	967.5	967.4	966.7	965.2	963.8	962.3	960.9	959.8	958.6
125°	1033.1	1032.6	1032.0	1031.7	1031.4	1030.8	1030.3	1029.7	1029.1	1028.0	1026.8
127.5°	1099.7	1100.3	1100.8	1101.1	1100.7	1099.8	1099.0	1098.1	1097.3	1095.9	1094.5
130°	1161.5	1162.0	1162.6	1162.9	1162.3	1161.2	1160.0	1158.9	1157.7	1156.6	1155.4
132.5°	1218.6	1219.5	1220.4	1220.8	1220.2	1219.1	1217.9	1216.8	1215.6	1214.8	1213.9
135°	1276.5	1277.4	1278.3	1278.7	1278.3	1277.4	1276.5	1275.7	1274.8	1273.7	1272.5
137.5°	1331.3	1331.8	1332.4	1332.7	1332.0	1330.6	1329.1	1327.7	1326.3	1325.7	1325.1
140°	1380.2	1380.7	1381.3	1381.6	1381.0	1379.9	1378.7	1377.6	1376.4	1375.6	1374.7
142.5°	1425.7	1426.6	1427.5	1427.9	1427.5	1426.6	1425.7	1424.9	1424.0	1423.2	1422.3
145°	1470.3	1470.3	1470.3	1470.3	1470.0	1469.5	1468.9	1468.4	1467.8	1467.2	1466.6
147.5°	1506.6	1508.1	1509.5	1510.2	1509.9	1509.3	1508.8	1508.2	1507.6	1507.0	1506.5
150°	1544.1	1544.9	1545.8	1546.2	1545.9	1545.4	1544.8	1544.3	1543.7	1543.1	1542.5
152.5°	1576.1	1577.5	1579.0	1579.7	1579.1	1578.0	1576.8	1575.7	1574.5	1574.2	1573.9
155°	1605.0	1606.7	1608.4	1609.3	1608.6	1607.1	1605.7	1604.2	1602.8	1602.5	1602.2
157.5°	1630.6	1632.9	1635.2	1636.3	1635.4	1633.7	1632.0	1630.3	1628.6	1628.9	1629.1
160°	1653.1	1655.1	1657.1	1658.1	1657.2	1655.5	1653.8	1652.1	1650.4	1650.7	1651.0
162.5°	1674.4	1676.1	1677.8	1678.7	1677.7	1675.7	1673.7	1671.7	1669.7	1670.0	1670.3
165°	1691.7	1693.7	1695.7	1696.7	1695.6	1693.3	1691.0	1688.7	1686.4	1686.7	1687.0
167.5°	1705.2	1707.5	1709.8	1710.9	1709.8	1707.5	1705.2	1702.9	1700.6	1700.6	1700.6
170°	1716.8	1719.1	1721.4	1722.5	1721.4	1719.1	1716.8	1714.5	1712.2	1712.2	1712.2
172.5°	1723.8	1726.3	1728.9	1730.2	1729.1	1726.8	1724.5	1722.2	1719.9	1719.6	1719.3
175°	1729.6	1731.9	1734.2	1735.3	1734.3	1732.3	1730.3	1728.3	1726.3	1726.0	1725.7
177.5°	1732.0	1734.9	1737.8	1739.2	1738.1	1735.8	1733.5	1731.2	1728.9	1728.6	1728.3
180°	1731.5	1731.5	1731.5	1731.5	1731.5	1731.5	1731.5	1731.5	1731.5	1731.5	1731.5

TEST NUMBER: P1032294

CATALOG NUMBER: S123RDIW-B560D1320UB30-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
0°	891.1	891.1	891.1	891.1	891.1	891.1	891.1	891.1	891.1	891.1	891.1
2.5°	922.4	918.6	914.8	914.8	906.4	898.8	895.0	896.5	891.9	885.8	879.7
5°	962.9	947.6	944.6	936.2	924.7	908.7	900.3	892.7	883.5	871.3	859.9
7.5°	1000.2	980.4	969.7	961.3	939.2	917.1	898.8	886.6	870.5	852.2	838.5
10°	1049.1	1012.5	1001.0	981.9	950.7	919.4	898.0	878.2	856.0	834.7	816.4
12.5°	1088.0	1046.0	1024.7	1005.6	965.2	925.5	889.6	865.2	838.5	814.8	791.2
15°	1132.2	1084.9	1047.6	1024.7	973.5	925.5	885.0	850.7	821.0	792.0	771.4
17.5°	1153.6	1094.1	1077.3	1044.5	970.5	922.4	872.8	836.2	800.4	766.8	742.4
20°	1187.2	1117.7	1075.8	1053.7	988.0	917.1	859.1	817.1	779.8	743.9	718.0
22.5°	1189.5	1113.9	1086.5	1044.5	963.6	901.1	846.9	795.8	752.3	718.7	692.0
25°	1184.1	1107.1	1068.9	1035.3	968.2	891.9	822.5	772.1	729.4	690.5	659.2
27.5°	1181.8	1087.2	1051.4	1017.8	942.3	865.2	808.0	750.8	701.9	667.6	635.6
30°	1178.8	1065.9	1022.4	983.5	914.0	844.6	775.9	726.3	679.8	636.3	604.3
32.5°	1158.9	1036.9	992.6	951.4	876.6	807.2	753.0	700.4	650.0	609.6	580.6
35°	1152.8	1010.2	952.2	907.9	834.7	772.9	715.7	672.2	624.9	584.4	550.1
37.5°	1135.3	982.7	920.1	863.7	787.4	728.6	686.7	643.2	597.4	553.9	526.4
40°	1104.8	950.7	879.7	821.7	743.1	683.6	644.7	612.7	567.6	528.7	495.2
42.5°	1059.8	917.8	841.6	780.5	693.5	637.8	605.8	575.3	537.1	496.7	469.2
45°	1007.9	874.4	803.4	735.5	647.0	592.8	559.3	540.9	505.8	471.5	439.5
47.5°	936.9	829.3	759.2	689.0	598.9	546.3	519.6	501.3	476.9	439.5	413.5
50°	847.7	771.4	705.0	642.4	551.6	501.3	474.6	460.8	440.2	413.5	388.3
52.5°	748.5	704.2	649.3	591.3	503.6	456.3	431.8	421.2	405.9	380.7	359.4
55°	648.5	629.4	592.1	534.8	453.2	414.3	392.9	379.2	367.7	349.4	331.1
57.5°	559.3	550.1	524.2	479.9	411.2	370.8	352.5	343.3	334.2	320.4	302.1
60°	466.9	476.9	450.2	428.0	365.5	330.4	314.3	304.4	299.8	287.6	276.2
62.5°	386.8	396.0	380.7	363.9	319.7	288.4	278.5	269.3	266.3	255.6	244.1
65°	314.3	325.8	314.3	305.2	278.5	252.5	240.3	235.8	232.7	225.8	216.7
67.5°	250.3	261.7	256.4	244.9	236.5	215.2	208.3	203.7	202.2	196.8	189.2
70°	188.5	204.5	206.0	199.1	191.5	181.6	177.0	175.5	171.7	167.1	162.5
72.5°	135.8	154.1	154.9	154.9	150.3	150.3	145.7	143.4	143.4	138.9	133.5
75°	99.9	112.2	113.7	115.2	117.5	119.8	116.7	116.7	116.0	111.4	109.1
77.5°	66.4	77.1	80.9	86.2	89.3	89.3	90.8	92.3	90.8	88.5	87.0
80°	42.7	50.4	54.9	58.0	62.6	64.9	67.1	67.9	66.4	65.6	63.3
82.5°	28.2	30.5	32.8	36.6	42.0	45.8	45.8	45.0	46.5	45.8	45.0
85°	16.0	17.5	18.3	19.1	22.1	25.9	26.7	27.5	29.0	27.5	25.9
87.5°	6.1	6.9	6.9	6.9	8.4	9.2	11.4	14.5	13.7	12.2	12.2
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°	25.7	23.2	21.9	22.8	24.5	26.2	27.9	29.6	27.9	26.2	24.5
95°	30.4	27.3	25.7	31.6	43.3	55.0	66.8	78.5	66.8	55.0	43.3
97.5°	84.9	99.5	106.8	110.8	118.8	126.8	134.8	142.8	134.8	126.8	118.8
100°	176.2	220.8	243.1	240.2	234.5	228.8	223.1	217.4	223.1	228.8	234.5
102.5°	244.4	294.1	319.0	317.1	313.4	309.7	306.0	302.3	306.0	309.7	313.4
105°	358.9	384.6	397.5	395.9	392.8	389.6	386.5	383.3	386.5	389.6	392.8
107.5°	487.5	483.2	481.1	479.8	477.2	474.7	472.1	469.5	472.1	474.7	477.2
110°	570.7	567.6	566.0	564.9	562.6	560.3	558.0	555.7	558.0	560.3	562.6

TEST NUMBER: P1032294

CATALOG NUMBER: S123RDIW-B560D1320UB30-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
112.5°	651.8	648.7	647.1	646.1	644.1	642.0	640.0	638.0	640.0	642.0	644.1
115°	730.7	728.1	726.8	725.9	724.2	722.5	720.8	719.1	720.8	722.5	724.2
117.5°	810.0	808.5	807.8	806.8	804.8	802.8	800.8	798.8	800.8	802.8	804.8
120°	885.0	884.1	883.7	882.4	879.9	877.3	874.8	872.2	874.8	877.3	879.9
122.5°	957.5	956.4	955.8	954.8	952.8	950.8	948.8	946.8	948.8	950.8	952.8
125°	1025.7	1024.6	1024.0	1022.9	1020.6	1018.3	1016.0	1013.7	1016.0	1018.3	1020.6
127.5°	1093.0	1091.6	1090.9	1089.8	1087.5	1085.2	1082.9	1080.6	1082.9	1085.2	1087.5
130°	1154.3	1153.2	1152.6	1151.5	1149.2	1146.9	1144.6	1142.3	1144.6	1146.9	1149.2
132.5°	1213.1	1212.2	1211.8	1210.7	1208.4	1206.1	1203.8	1201.5	1203.8	1206.1	1208.4
135°	1271.4	1270.3	1269.7	1268.8	1267.1	1265.4	1263.6	1261.9	1263.6	1265.4	1267.1
137.5°	1324.6	1324.0	1323.7	1322.6	1320.3	1318.0	1315.7	1313.4	1315.7	1318.0	1320.3
140°	1373.9	1373.0	1372.6	1371.7	1370.0	1368.3	1366.6	1364.9	1366.6	1368.3	1370.0
142.5°	1421.5	1420.6	1420.2	1419.3	1417.6	1415.9	1414.1	1412.4	1414.1	1415.9	1417.6
145°	1466.1	1465.5	1465.2	1464.2	1462.2	1460.2	1458.2	1456.2	1458.2	1460.2	1462.2
147.5°	1505.9	1505.4	1505.1	1504.4	1502.9	1501.5	1500.0	1498.6	1500.0	1501.5	1502.9
150°	1542.0	1541.4	1541.1	1540.7	1539.8	1538.9	1538.1	1537.2	1538.1	1538.9	1539.8
152.5°	1573.6	1573.3	1573.2	1573.1	1572.8	1572.5	1572.3	1572.0	1572.3	1572.5	1572.8
155°	1601.9	1601.6	1601.5	1601.8	1602.4	1602.9	1603.5	1604.1	1603.5	1602.9	1602.4
157.5°	1629.4	1629.7	1629.8	1629.8	1629.8	1629.8	1629.8	1629.8	1629.8	1629.8	1629.8
160°	1651.3	1651.6	1651.7	1651.8	1652.1	1652.4	1652.7	1653.0	1652.7	1652.4	1652.1
162.5°	1670.6	1670.9	1671.0	1671.4	1672.3	1673.2	1674.0	1674.9	1674.0	1673.2	1672.3
165°	1687.3	1687.6	1687.7	1688.1	1689.0	1689.9	1690.7	1691.6	1690.7	1689.9	1689.0
167.5°	1700.6	1700.6	1700.6	1701.2	1702.3	1703.4	1704.6	1705.7	1704.6	1703.4	1702.3
170°	1712.2	1712.2	1712.2	1712.8	1713.9	1715.0	1716.2	1717.3	1716.2	1715.0	1713.9
172.5°	1719.0	1718.7	1718.6	1719.3	1720.7	1722.2	1723.6	1725.0	1723.6	1722.2	1720.7
175°	1725.4	1725.1	1725.0	1725.7	1727.2	1728.6	1730.1	1731.5	1730.1	1728.6	1727.2
177.5°	1728.0	1727.7	1727.6	1728.3	1729.7	1731.2	1732.6	1734.0	1732.6	1731.2	1729.7
180°	1731.5	1731.5	1731.5	1731.5	1731.5	1731.5	1731.5	1731.5	1731.5	1731.5	1731.5

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CATALOG NUMBER: S123RDIW-B560D1320UB30-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
0°	891.1	891.1	891.1	891.1	891.1	891.1	891.1	891.1	891.1	891.1	891.1
2.5°	879.7	875.9	874.4	870.5	861.4	855.3	848.4	843.8	844.6	840.8	843.1
5°	852.2	851.5	846.1	838.5	825.5	818.7	806.5	800.4	797.3	798.1	793.5
7.5°	829.3	822.5	818.7	806.5	794.2	779.8	769.8	764.5	759.9	755.3	752.3
10°	803.4	797.3	791.2	778.2	761.4	747.7	734.0	728.6	721.8	718.7	716.4
12.5°	775.9	772.1	764.5	749.2	730.2	717.2	701.2	698.1	689.0	682.9	681.3
15°	750.8	748.5	734.7	717.2	698.1	685.1	671.4	662.3	647.0	650.0	644.7
17.5°	724.1	714.1	705.7	682.1	672.9	653.1	637.1	632.5	621.8	615.0	608.1
20°	694.3	688.2	677.5	662.3	640.1	617.2	605.0	597.4	591.3	580.6	577.6
22.5°	666.1	658.4	649.3	629.4	610.4	591.3	574.5	567.6	560.0	552.4	547.8
25°	643.9	632.5	622.6	598.2	579.1	563.1	552.4	540.9	530.3	525.7	524.2
27.5°	609.6	602.7	592.8	569.9	552.4	534.8	524.9	517.3	505.8	500.5	495.9
30°	587.5	573.8	562.3	544.0	526.4	507.4	498.2	489.1	482.2	475.3	470.0
32.5°	557.7	547.0	537.9	519.6	502.0	484.5	474.6	460.8	457.0	451.7	445.6
35°	528.7	521.9	512.0	492.1	473.0	460.8	450.2	437.2	432.6	428.8	423.4
37.5°	501.3	491.4	484.5	465.4	448.6	434.1	425.7	415.1	412.0	407.4	403.6
40°	477.6	467.7	460.8	441.8	424.2	409.0	403.6	392.9	388.3	383.0	380.7
42.5°	450.9	442.5	433.4	419.6	401.3	386.1	375.4	369.3	363.2	360.9	356.3
45°	422.7	415.1	408.2	392.9	373.9	363.2	354.0	345.6	341.0	337.2	334.2
47.5°	398.3	391.4	382.2	365.5	350.2	340.3	331.1	322.7	318.2	313.6	309.8
50°	370.0	366.2	356.3	340.3	325.8	314.3	305.9	298.3	295.3	289.9	283.8
52.5°	344.9	338.0	329.6	316.6	303.7	289.9	278.5	273.9	268.6	265.5	260.2
55°	315.1	310.5	301.4	289.9	276.2	264.7	256.4	250.3	243.4	240.3	233.5
57.5°	289.9	281.5	277.0	262.5	249.5	238.0	231.9	225.8	218.2	213.6	210.6
60°	262.5	254.8	248.0	235.8	226.6	214.4	205.2	199.9	194.6	188.5	185.4
62.5°	235.8	229.7	221.3	211.3	199.9	190.0	183.1	175.5	172.4	166.3	164.0
65°	206.8	202.2	195.3	183.9	174.7	166.3	159.5	153.4	150.3	148.0	146.5
67.5°	180.8	174.7	170.1	160.2	150.3	143.4	139.6	135.8	132.0	129.7	127.4
70°	154.1	149.5	145.0	135.8	128.9	122.8	119.8	116.7	114.4	112.2	109.9
72.5°	126.7	124.4	119.8	113.7	108.3	103.8	101.5	97.7	95.4	91.6	90.0
75°	104.5	100.7	98.4	93.1	88.5	84.7	81.6	77.1	74.0	72.5	71.7
77.5°	82.4	80.9	77.8	73.2	71.0	67.1	62.6	61.0	59.5	59.5	58.7
80°	61.8	59.5	57.2	53.4	51.1	48.1	48.1	48.1	47.3	48.1	47.3
82.5°	42.0	40.4	38.9	36.6	35.9	35.9	36.6	36.6	36.6	36.6	36.6
85°	24.4	24.4	24.4	25.2	24.4	24.4	25.2	25.9	25.2	25.2	24.4
87.5°	11.4	11.4	12.2	12.2	13.0	13.0	13.0	13.0	13.0	13.0	13.7
90°	12.8	14.2	16.1	19.8	23.5	27.2	30.9	32.0	33.2	34.3	35.4
92.5°	22.8	21.9	23.2	25.7	28.3	30.8	33.4	35.4	37.4	39.5	41.5
95°	31.6	25.7	27.3	30.4	33.6	36.7	39.9	41.9	43.9	45.9	47.9
97.5°	110.8	106.8	99.5	84.9	70.4	55.8	41.2	43.5	45.8	48.1	50.4
100°	240.2	243.1	220.8	176.2	131.7	87.1	42.5	44.8	47.0	49.3	51.6
102.5°	317.1	319.0	294.1	244.4	194.7	144.9	95.2	85.8	76.3	66.9	57.4
105°	395.9	397.5	384.6	358.9	333.2	307.4	281.7	231.1	180.5	129.9	79.3
107.5°	479.8	481.1	483.2	487.5	491.8	496.1	500.4	456.4	412.4	368.3	324.3
110°	564.9	566.0	567.6	570.7	573.9	577.0	580.2	570.8	561.3	551.9	542.4

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CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
112.5°	646.1	647.1	648.7	651.8	654.9	658.1	661.2	663.8	666.4	668.9	671.5
115°	725.9	726.8	728.1	730.7	733.2	735.8	738.4	741.2	744.1	746.9	749.8
117.5°	806.8	807.8	808.5	810.0	811.4	812.9	814.3	816.6	818.9	821.2	823.5
120°	882.4	883.7	884.1	885.0	885.9	886.7	887.6	889.9	892.2	894.5	896.8
122.5°	954.8	955.8	956.4	957.5	958.6	959.8	960.9	962.3	963.8	965.2	966.7
125°	1022.9	1024.0	1024.6	1025.7	1026.8	1028.0	1029.1	1029.7	1030.3	1030.8	1031.4
127.5°	1089.8	1090.9	1091.6	1093.0	1094.5	1095.9	1097.3	1098.1	1099.0	1099.8	1100.7
130°	1151.5	1152.6	1153.2	1154.3	1155.4	1156.6	1157.7	1158.9	1160.0	1161.2	1162.3
132.5°	1210.7	1211.8	1212.2	1213.1	1213.9	1214.8	1215.6	1216.8	1217.9	1219.1	1220.2
135°	1268.8	1269.7	1270.3	1271.4	1272.5	1273.7	1274.8	1275.7	1276.5	1277.4	1278.3
137.5°	1322.6	1323.7	1324.0	1324.6	1325.1	1325.7	1326.3	1327.7	1329.1	1330.6	1332.0
140°	1371.7	1372.6	1373.0	1373.9	1374.7	1375.6	1376.4	1377.6	1378.7	1379.9	1381.0
142.5°	1419.3	1420.2	1420.6	1421.5	1422.3	1423.2	1424.0	1424.9	1425.7	1426.6	1427.5
145°	1464.2	1465.2	1465.5	1466.1	1466.6	1467.2	1467.8	1468.4	1468.9	1469.5	1470.0
147.5°	1504.4	1505.1	1505.4	1505.9	1506.5	1507.0	1507.6	1508.2	1508.8	1509.3	1509.9
150°	1540.7	1541.1	1541.4	1542.0	1542.5	1543.1	1543.7	1544.3	1544.8	1545.4	1545.9
152.5°	1573.1	1573.2	1573.3	1573.6	1573.9	1574.2	1574.5	1575.7	1576.8	1578.0	1579.1
155°	1601.8	1601.5	1601.6	1601.9	1602.2	1602.5	1602.8	1604.2	1605.7	1607.1	1608.6
157.5°	1629.8	1629.8	1629.7	1629.4	1629.1	1628.9	1628.6	1630.3	1632.0	1633.7	1635.4
160°	1651.8	1651.7	1651.6	1651.3	1651.0	1650.7	1650.4	1652.1	1653.8	1655.5	1657.2
162.5°	1671.4	1671.0	1670.9	1670.6	1670.3	1670.0	1669.7	1671.7	1673.7	1675.7	1677.7
165°	1688.1	1687.7	1687.6	1687.3	1687.0	1686.7	1686.4	1688.7	1691.0	1693.3	1695.6
167.5°	1701.2	1700.6	1700.6	1700.6	1700.6	1700.6	1700.6	1702.9	1705.2	1707.5	1709.8
170°	1712.8	1712.2	1712.2	1712.2	1712.2	1712.2	1712.2	1714.5	1716.8	1719.1	1721.4
172.5°	1719.3	1718.6	1718.7	1719.0	1719.3	1719.6	1719.9	1722.2	1724.5	1726.8	1729.1
175°	1725.7	1725.0	1725.1	1725.4	1725.7	1726.0	1726.3	1728.3	1730.3	1732.3	1734.3
177.5°	1728.3	1727.6	1727.7	1728.0	1728.3	1728.6	1728.9	1731.2	1733.5	1735.8	1738.1
180°	1731.5	1731.5	1731.5	1731.5	1731.5	1731.5	1731.5	1731.5	1731.5	1731.5	1731.5

TEST NUMBER: P1032294

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CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
0°	891.1	891.1	891.1	891.1	891.1	891.1	891.1	891.1	891.1	891.1	891.1
2.5°	842.3	843.1	840.8	836.2	835.4	837.0	841.6	840.0	836.2	843.1	837.0
5°	795.8	792.0	790.4	792.0	787.4	785.1	789.7	787.4	789.7	790.4	792.7
7.5°	750.8	751.5	746.9	747.7	741.6	743.1	743.1	743.1	745.4	746.9	750.0
10°	711.8	713.4	708.0	708.8	704.2	701.2	703.5	708.0	708.0	708.0	709.6
12.5°	680.6	673.7	669.9	669.1	663.8	662.3	666.8	668.4	672.2	672.2	674.5
15°	641.7	640.1	637.1	637.1	624.1	627.2	628.7	634.0	641.7	635.6	637.1
17.5°	606.6	602.7	598.9	597.4	595.9	591.3	597.4	596.6	601.2	602.0	604.3
20°	575.3	572.2	564.6	565.4	566.9	560.0	563.8	563.8	568.4	573.0	578.3
22.5°	544.8	541.7	537.9	539.4	534.8	533.3	533.3	537.1	542.5	546.3	545.5
25°	521.1	515.8	513.5	511.2	508.9	510.4	508.1	512.0	515.8	518.1	515.8
27.5°	494.4	492.1	487.5	485.2	481.4	483.0	484.5	487.5	489.8	489.8	492.1
30°	468.5	465.4	463.9	461.6	461.6	458.5	459.3	462.4	464.6	466.9	470.0
32.5°	443.3	441.0	438.7	438.7	437.2	436.4	435.7	440.2	440.2	444.8	444.8
35°	422.7	418.9	418.9	415.1	416.6	415.8	414.3	417.3	418.1	421.2	420.4
37.5°	399.8	399.8	398.3	394.5	391.4	392.2	396.0	396.0	398.3	397.5	399.8
40°	376.9	375.4	375.4	373.1	372.3	371.6	372.3	373.1	376.9	376.1	376.9
42.5°	354.0	354.8	351.0	351.0	351.0	348.7	349.4	350.2	351.7	353.3	355.5
45°	331.9	330.4	329.6	328.1	326.5	327.3	326.5	329.6	328.8	330.4	332.7
47.5°	308.2	305.9	305.2	302.1	302.1	303.7	302.9	305.2	305.9	308.2	306.7
50°	285.3	282.3	280.0	280.8	276.2	277.7	277.7	280.0	282.3	283.1	284.6
52.5°	258.6	257.9	257.1	253.3	252.5	251.8	252.5	253.3	256.4	258.6	259.4
55°	232.7	231.9	227.4	225.8	223.5	223.5	225.1	225.8	231.2	231.9	235.0
57.5°	209.1	206.8	201.4	200.7	200.7	200.7	198.4	201.4	202.9	206.8	206.8
60°	183.1	183.1	178.5	178.5	179.3	178.5	178.5	179.3	179.3	182.3	183.9
62.5°	162.5	161.7	161.7	160.2	159.5	160.2	159.5	159.5	160.2	162.5	164.8
65°	144.2	143.4	142.7	141.9	140.4	140.4	141.1	142.7	142.7	144.2	145.0
67.5°	126.7	126.7	125.1	125.1	124.4	123.6	124.4	123.6	126.7	126.7	127.4
70°	109.1	108.3	106.1	105.3	103.0	103.8	103.8	106.1	106.8	108.3	109.9
72.5°	87.7	87.7	86.2	84.7	85.5	83.9	83.9	84.7	84.7	87.0	87.7
75°	72.5	71.0	70.2	71.0	70.2	71.7	70.2	70.2	71.7	71.7	71.7
77.5°	59.5	59.5	58.7	58.7	59.5	58.7	59.5	59.5	59.5	58.7	59.5
80°	48.8	48.1	48.1	48.1	47.3	47.3	47.3	47.3	47.3	47.3	47.3
82.5°	36.6	36.6	35.9	36.6	36.6	35.9	36.6	35.9	35.9	36.6	36.6
85°	24.4	25.9	24.4	24.4	25.2	25.2	25.9	25.2	25.9	24.4	25.2
87.5°	13.0	13.7	13.7	13.0	13.0	13.7	13.7	13.7	14.5	13.0	13.7
90°	36.0	36.3	36.9	37.4	38.0	38.6	38.0	37.4	36.9	36.3	36.0
92.5°	42.5	42.6	42.9	43.2	43.4	43.7	43.4	43.2	42.9	42.6	42.5
95°	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9
97.5°	51.5	51.6	51.9	52.2	52.4	52.7	52.4	52.2	51.9	51.6	51.5
100°	52.7	52.8	53.1	53.4	53.7	54.0	53.7	53.4	53.1	52.8	52.7
102.5°	52.7	53.0	53.6	54.1	54.7	55.3	54.7	54.1	53.6	53.0	52.7
105°	54.0	54.3	54.9	55.4	56.0	56.6	56.0	55.4	54.9	54.3	54.0
107.5°	302.3	283.6	246.1	208.7	171.2	133.8	171.2	208.7	246.1	283.6	302.3
110°	537.7	517.3	476.4	435.5	394.7	353.8	394.7	435.5	476.4	517.3	537.7

TEST NUMBER: P1032294

CATALOG NUMBER: S123RDIW-B560D1320UB30-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
112.5°	672.8	672.5	671.9	671.4	670.8	670.2	670.8	671.4	671.9	672.5	672.8
115°	751.2	751.8	752.9	754.1	755.2	756.4	755.2	754.1	752.9	751.8	751.2
117.5°	824.6	824.7	825.0	825.3	825.6	825.9	825.6	825.3	825.0	824.7	824.6
120°	897.9	897.9	897.9	897.9	897.9	897.9	897.9	897.9	897.9	897.9	897.9
122.5°	967.4	967.5	967.8	968.1	968.3	968.6	968.3	968.1	967.8	967.5	967.4
125°	1031.7	1032.0	1032.6	1033.1	1033.7	1034.3	1033.7	1033.1	1032.6	1032.0	1031.7
127.5°	1101.1	1100.8	1100.3	1099.7	1099.2	1098.6	1099.2	1099.7	1100.3	1100.8	1101.1
130°	1162.9	1162.6	1162.0	1161.5	1160.9	1160.3	1160.9	1161.5	1162.0	1162.6	1162.9
132.5°	1220.8	1220.4	1219.5	1218.6	1217.8	1216.9	1217.8	1218.6	1219.5	1220.4	1220.8
135°	1278.7	1278.3	1277.4	1276.5	1275.7	1274.8	1275.7	1276.5	1277.4	1278.3	1278.7
137.5°	1332.7	1332.4	1331.8	1331.3	1330.7	1330.1	1330.7	1331.3	1331.8	1332.4	1332.7
140°	1381.6	1381.3	1380.7	1380.2	1379.6	1379.0	1379.6	1380.2	1380.7	1381.3	1381.6
142.5°	1427.9	1427.5	1426.6	1425.7	1424.9	1424.0	1424.9	1425.7	1426.6	1427.5	1427.9
145°	1470.3	1470.3	1470.3	1470.3	1470.3	1470.3	1470.3	1470.3	1470.3	1470.3	1470.3
147.5°	1510.2	1509.5	1508.1	1506.6	1505.2	1503.8	1505.2	1506.6	1508.1	1509.5	1510.2
150°	1546.2	1545.8	1544.9	1544.1	1543.2	1542.4	1543.2	1544.1	1544.9	1545.8	1546.2
152.5°	1579.7	1579.0	1577.5	1576.1	1574.6	1573.2	1574.6	1576.1	1577.5	1579.0	1579.7
155°	1609.3	1608.4	1606.7	1605.0	1603.2	1601.5	1603.2	1605.0	1606.7	1608.4	1609.3
157.5°	1636.3	1635.2	1632.9	1630.6	1628.3	1626.0	1628.3	1630.6	1632.9	1635.2	1636.3
160°	1658.1	1657.1	1655.1	1653.1	1651.1	1649.1	1651.1	1653.1	1655.1	1657.1	1658.1
162.5°	1678.7	1677.8	1676.1	1674.4	1672.7	1671.0	1672.7	1674.4	1676.1	1677.8	1678.7
165°	1696.7	1695.7	1693.7	1691.7	1689.7	1687.7	1689.7	1691.7	1693.7	1695.7	1696.7
167.5°	1710.9	1709.8	1707.5	1705.2	1702.9	1700.6	1702.9	1705.2	1707.5	1709.8	1710.9
170°	1722.5	1721.4	1719.1	1716.8	1714.5	1712.2	1714.5	1716.8	1719.1	1721.4	1722.5
172.5°	1730.2	1728.9	1726.3	1723.8	1721.2	1718.6	1721.2	1723.8	1726.3	1728.9	1730.2
175°	1735.3	1734.2	1731.9	1729.6	1727.3	1725.0	1727.3	1729.6	1731.9	1734.2	1735.3
177.5°	1739.2	1737.8	1734.9	1732.0	1729.2	1726.3	1729.2	1732.0	1734.9	1737.8	1739.2
180°	1731.5	1731.5	1731.5	1731.5	1731.5	1731.5	1731.5	1731.5	1731.5	1731.5	1731.5

TEST NUMBER: P1032294

CATALOG NUMBER: S123RDIW-B560D1320UB30-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
0°	891.1	891.1	891.1	891.1	891.1	891.1	891.1	891.1	891.1	891.1	891.1
2.5°	843.1	846.1	843.1	837.0	843.1	846.9	850.7	856.8	859.9	859.9	864.4
5°	795.0	801.1	798.8	797.3	803.4	807.2	813.3	821.0	829.3	834.7	840.8
7.5°	752.3	756.1	759.9	759.9	766.0	774.4	783.6	792.7	803.4	811.0	815.6
10°	714.9	718.0	720.2	723.3	732.4	741.6	753.8	765.3	774.4	782.8	790.4
12.5°	679.0	683.6	689.0	691.2	698.1	709.6	721.0	734.7	749.2	757.6	765.3
15°	644.7	647.0	653.1	660.0	666.1	678.3	692.8	707.3	719.5	732.4	739.3
17.5°	609.6	610.4	626.4	622.6	642.4	653.9	661.5	675.2	695.1	705.7	716.4
20°	575.3	582.9	589.8	593.6	604.3	617.2	639.4	650.0	666.1	676.0	685.1
22.5°	548.6	560.0	560.0	569.2	574.5	586.7	602.7	623.3	640.9	647.8	660.7
25°	524.9	530.3	539.4	542.5	552.4	563.1	573.8	595.9	615.0	624.1	633.3
27.5°	494.4	501.3	513.5	513.5	526.4	537.9	550.9	565.4	584.4	597.4	607.3
30°	470.8	477.6	483.0	491.4	496.7	507.4	530.3	540.9	557.7	569.2	581.4
32.5°	448.6	454.0	458.5	467.7	473.8	486.0	498.2	517.3	531.8	542.5	555.4
35°	424.2	429.6	435.7	442.5	451.7	463.1	474.6	490.6	505.1	515.0	525.7
37.5°	401.3	405.1	414.3	418.9	426.5	437.2	451.7	468.5	481.4	489.1	499.7
40°	379.2	382.2	389.1	397.5	402.8	411.2	426.5	441.0	457.0	466.2	474.6
42.5°	355.5	359.4	365.5	373.9	382.2	391.4	399.8	416.6	431.1	438.7	447.9
45°	334.9	337.2	341.8	350.2	358.6	365.5	378.4	393.7	407.4	413.5	423.4
47.5°	310.5	312.8	319.7	323.5	332.7	341.8	354.8	370.0	382.2	388.3	397.5
50°	285.3	287.6	292.2	300.6	306.7	316.6	328.1	341.0	356.3	364.7	370.0
52.5°	260.9	265.5	269.3	276.2	283.8	293.7	304.4	316.6	329.6	338.0	344.1
55°	236.5	240.3	244.9	248.7	257.9	267.0	279.2	290.7	302.1	309.8	316.6
57.5°	209.1	214.4	219.0	226.6	233.5	241.1	254.8	264.0	277.7	283.1	289.2
60°	185.4	190.7	194.6	200.7	206.8	216.7	225.8	237.3	248.7	255.6	263.2
62.5°	165.6	167.9	170.1	176.2	182.3	191.5	200.7	212.1	224.3	228.1	234.2
65°	145.7	148.0	151.8	157.2	161.7	167.1	177.0	186.2	197.6	203.7	206.0
67.5°	128.9	131.2	132.0	135.8	139.6	145.7	151.1	160.2	170.9	174.7	179.3
70°	109.9	113.7	114.4	117.5	119.0	122.8	128.9	135.8	144.2	151.1	154.9
72.5°	87.7	93.1	94.6	99.2	101.5	105.3	109.9	115.2	120.5	123.6	126.7
75°	71.7	73.2	74.0	77.8	81.6	87.0	89.3	92.3	96.9	100.7	103.8
77.5°	59.5	60.3	61.0	61.0	61.8	64.9	69.4	73.2	76.3	77.8	80.1
80°	48.1	47.3	47.3	48.1	48.1	48.1	49.6	54.9	56.5	60.3	59.5
82.5°	37.4	35.9	36.6	35.9	35.9	35.9	35.9	36.6	36.6	38.9	40.4
85°	24.4	25.2	24.4	24.4	23.7	24.4	23.7	23.7	22.9	22.9	22.1
87.5°	13.0	13.7	13.0	13.0	12.2	13.0	12.2	12.2	11.4	11.4	9.9
90°	35.4	34.3	33.2	32.0	30.9	27.2	23.5	19.8	16.1	14.2	12.8
92.5°	41.5	39.5	37.4	35.4	33.4	30.8	28.3	25.7	23.2	21.9	22.8
95°	47.9	45.9	43.9	41.9	39.9	36.7	33.6	30.4	27.3	25.7	31.6
97.5°	50.4	48.1	45.8	43.5	41.2	55.8	70.4	84.9	99.5	106.8	110.8
100°	51.6	49.3	47.0	44.8	42.5	87.1	131.7	176.2	220.8	243.1	240.2
102.5°	57.4	66.9	76.3	85.8	95.2	144.9	194.7	244.4	294.1	319.0	317.1
105°	79.3	129.9	180.5	231.1	281.7	307.4	333.2	358.9	384.6	397.5	395.9
107.5°	324.3	368.3	412.4	456.4	500.4	496.1	491.8	487.5	483.2	481.1	479.8
110°	542.4	551.9	561.3	570.8	580.2	577.0	573.9	570.7	567.6	566.0	564.9

TEST NUMBER: P1032294

CATALOG NUMBER: S123RDIW-B560D1320UB30-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
112.5°	671.5	668.9	666.4	663.8	661.2	658.1	654.9	651.8	648.7	647.1	646.1
115°	749.8	746.9	744.1	741.2	738.4	735.8	733.2	730.7	728.1	726.8	725.9
117.5°	823.5	821.2	818.9	816.6	814.3	812.9	811.4	810.0	808.5	807.8	806.8
120°	896.8	894.5	892.2	889.9	887.6	886.7	885.9	885.0	884.1	883.7	882.4
122.5°	966.7	965.2	963.8	962.3	960.9	959.8	958.6	957.5	956.4	955.8	954.8
125°	1031.4	1030.8	1030.3	1029.7	1029.1	1028.0	1026.8	1025.7	1024.6	1024.0	1022.9
127.5°	1100.7	1099.8	1099.0	1098.1	1097.3	1095.9	1094.5	1093.0	1091.6	1090.9	1089.8
130°	1162.3	1161.2	1160.0	1158.9	1157.7	1156.6	1155.4	1154.3	1153.2	1152.6	1151.5
132.5°	1220.2	1219.1	1217.9	1216.8	1215.6	1214.8	1213.9	1213.1	1212.2	1211.8	1210.7
135°	1278.3	1277.4	1276.5	1275.7	1274.8	1273.7	1272.5	1271.4	1270.3	1269.7	1268.8
137.5°	1332.0	1330.6	1329.1	1327.7	1326.3	1325.7	1325.1	1324.6	1324.0	1323.7	1322.6
140°	1381.0	1379.9	1378.7	1377.6	1376.4	1375.6	1374.7	1373.9	1373.0	1372.6	1371.7
142.5°	1427.5	1426.6	1425.7	1424.9	1424.0	1423.2	1422.3	1421.5	1420.6	1420.2	1419.3
145°	1470.0	1469.5	1468.9	1468.4	1467.8	1467.2	1466.6	1466.1	1465.5	1465.2	1464.2
147.5°	1509.9	1509.3	1508.8	1508.2	1507.6	1507.0	1506.5	1505.9	1505.4	1505.1	1504.4
150°	1545.9	1545.4	1544.8	1544.3	1543.7	1543.1	1542.5	1542.0	1541.4	1541.1	1540.7
152.5°	1579.1	1578.0	1576.8	1575.7	1574.5	1574.2	1573.9	1573.6	1573.3	1573.2	1573.1
155°	1608.6	1607.1	1605.7	1604.2	1602.8	1602.5	1602.2	1601.9	1601.6	1601.5	1601.8
157.5°	1635.4	1633.7	1632.0	1630.3	1628.6	1628.9	1629.1	1629.4	1629.7	1629.8	1629.8
160°	1657.2	1655.5	1653.8	1652.1	1650.4	1650.7	1651.0	1651.3	1651.6	1651.7	1651.8
162.5°	1677.7	1675.7	1673.7	1671.7	1669.7	1670.0	1670.3	1670.6	1670.9	1671.0	1671.4
165°	1695.6	1693.3	1691.0	1688.7	1686.4	1686.7	1687.0	1687.3	1687.6	1687.7	1688.1
167.5°	1709.8	1707.5	1705.2	1702.9	1700.6	1700.6	1700.6	1700.6	1700.6	1700.6	1701.2
170°	1721.4	1719.1	1716.8	1714.5	1712.2	1712.2	1712.2	1712.2	1712.2	1712.2	1712.8
172.5°	1729.1	1726.8	1724.5	1722.2	1719.9	1719.6	1719.3	1719.0	1718.7	1718.6	1719.3
175°	1734.3	1732.3	1730.3	1728.3	1726.3	1726.0	1725.7	1725.4	1725.1	1725.0	1725.7
177.5°	1738.1	1735.8	1733.5	1731.2	1728.9	1728.6	1728.3	1728.0	1727.7	1727.6	1728.3
180°	1731.5	1731.5	1731.5	1731.5	1731.5	1731.5	1731.5	1731.5	1731.5	1731.5	1731.5

TEST NUMBER: P1032294

CATALOG NUMBER: S123RDIW-B560D1320UB30-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
0°	891.1	891.1	891.1	891.1
2.5°	868.3	873.6	884.3	893.4
5°	849.9	858.3	874.4	890.4
7.5°	827.8	840.8	861.4	883.5
10°	806.5	823.2	848.4	874.4
12.5°	785.1	802.6	829.3	862.9
15°	759.9	778.2	810.3	850.7
17.5°	737.8	762.2	791.2	831.6
20°	714.1	732.4	769.8	812.6
22.5°	684.4	714.9	750.0	795.0
25°	660.7	687.4	722.5	773.6
27.5°	631.7	663.0	705.7	750.8
30°	608.1	634.0	673.7	727.9
32.5°	580.6	611.1	652.3	705.7
35°	556.2	582.1	621.1	675.2
37.5°	527.2	555.4	598.9	647.0
40°	502.0	529.5	570.7	615.7
42.5°	471.5	500.5	541.7	579.9
45°	447.1	473.8	506.6	541.7
47.5°	417.3	445.6	477.6	502.0
50°	390.6	416.6	441.8	462.4
52.5°	361.6	385.3	408.2	423.4
55°	334.9	353.3	371.6	382.2
57.5°	303.7	321.2	336.5	342.6
60°	276.2	290.7	300.6	307.5
62.5°	247.2	257.9	265.5	269.3
65°	219.0	226.6	230.4	234.2
67.5°	190.0	196.8	199.1	203.7
70°	159.5	167.1	168.6	170.9
72.5°	136.6	136.6	139.6	142.7
75°	109.1	110.6	112.2	112.2
77.5°	85.5	85.5	87.0	87.7
80°	62.6	63.3	63.3	62.6
82.5°	42.7	44.3	42.7	42.0
85°	23.7	26.7	25.2	25.2
87.5°	9.9	9.9	11.4	9.9
90°	9.9	7.0	4.2	1.3
92.5°	24.5	26.2	27.9	29.6
95°	43.3	55.0	66.8	78.5
97.5°	118.8	126.8	134.8	142.8
100°	234.5	228.8	223.1	217.4
102.5°	313.4	309.7	306.0	302.3
105°	392.8	389.6	386.5	383.3
107.5°	477.2	474.7	472.1	469.5
110°	562.6	560.3	558.0	555.7

TEST NUMBER: P1032294

CATALOG NUMBER: S123RDIW-B560D1320UB30-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
112.5°	644.1	642.0	640.0	638.0
115°	724.2	722.5	720.8	719.1
117.5°	804.8	802.8	800.8	798.8
120°	879.9	877.3	874.8	872.2
122.5°	952.8	950.8	948.8	946.8
125°	1020.6	1018.3	1016.0	1013.7
127.5°	1087.5	1085.2	1082.9	1080.6
130°	1149.2	1146.9	1144.6	1142.3
132.5°	1208.4	1206.1	1203.8	1201.5
135°	1267.1	1265.4	1263.6	1261.9
137.5°	1320.3	1318.0	1315.7	1313.4
140°	1370.0	1368.3	1366.6	1364.9
142.5°	1417.6	1415.9	1414.1	1412.4
145°	1462.2	1460.2	1458.2	1456.2
147.5°	1502.9	1501.5	1500.0	1498.6
150°	1539.8	1538.9	1538.1	1537.2
152.5°	1572.8	1572.5	1572.3	1572.0
155°	1602.4	1602.9	1603.5	1604.1
157.5°	1629.8	1629.8	1629.8	1629.8
160°	1652.1	1652.4	1652.7	1653.0
162.5°	1672.3	1673.2	1674.0	1674.9
165°	1689.0	1689.9	1690.7	1691.6
167.5°	1702.3	1703.4	1704.6	1705.7
170°	1713.9	1715.0	1716.2	1717.3
172.5°	1720.7	1722.2	1723.6	1725.0
175°	1727.2	1728.6	1730.1	1731.5
177.5°	1729.7	1731.2	1732.6	1734.0
180°	1731.5	1731.5	1731.5	1731.5

(END OF REPORT)