

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: P1012596

Luminaire Tested: S123RDIP-B560D1195UB35-4F0-XX-W2A-A4

Issue Date: 5/7/2025

Test Information

Test Method: LM-79-2019
Report Number: P1012596
REPORT IS A COMBINATION OF REPORTS P993383 AND P1007351
Test Lab: INNOVATION CENTER
Issue Date: 5/7/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: NEO-RAY
Catalog Number: S123RDIP-B560D1195UB35-4F0-XX-W2A-A4
Description: Define 3 Regressed Direct/Indirect Pendant with 3500K BioUP LEDs {m-DER=0.721}
{m-EER=0.792}
Light Source: -
Ballast/Driver: -

Summary

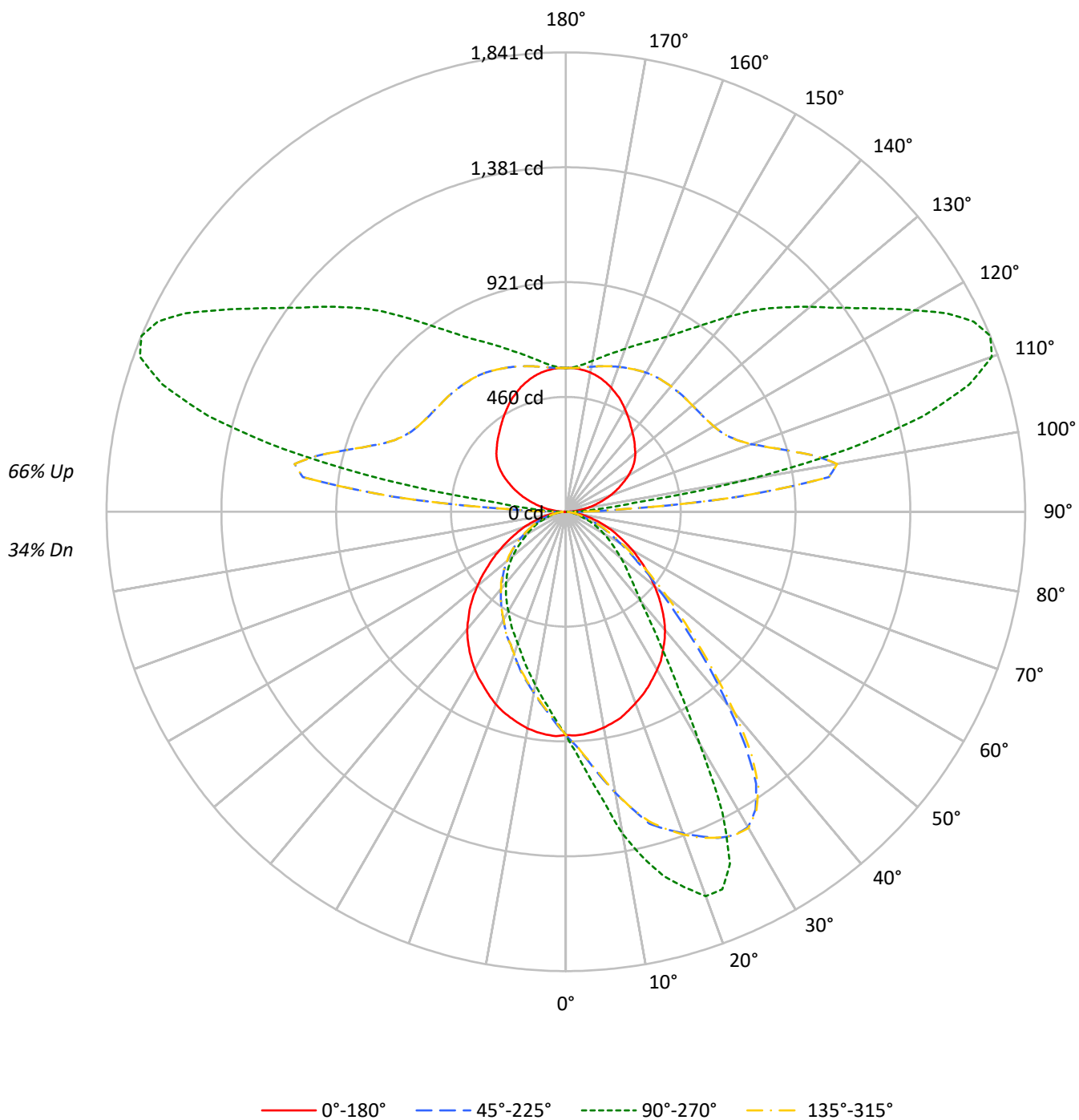
Lumens per Lamp: N/A
Luminaire Lumens: 6564.0 lumens
Efficiency: N/A
Efficacy: 111.3 lumens/watt
Spacing Criteria (0/90/45): 1.22 / 1.2 / 1.34
Luminous Opening: Rectangular w/ Sides (W: 0.25' x L: 4' x H: 0.1')
CIE Type: Semi-Indirect

Input Watts (W): 59
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: P1012596

CATALOG NUMBER: S123RDIP-B560D1195UB35-4F0-XX-W2A-A4

Luminous Intensity Polar Plot



TEST NUMBER: P1012596

CATALOG NUMBER: S123RDIP-B560D1195UB35-4F0-XX-W2A-A4

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	103	103	103	103	93	93	93	93	74	74	74	57	57	57	41	41	41
1	95	91	87	84	85	82	79	76	66	64	62	51	50	48	37	36	36
2	86	79	74	69	78	72	67	63	58	55	52	45	43	41	33	32	31
3	79	70	63	58	71	64	58	53	51	47	44	40	37	35	30	28	27
4	72	62	55	49	65	57	50	45	46	41	38	36	33	30	27	25	23
5	67	56	48	42	60	51	44	39	41	36	33	32	29	26	24	22	20
6	61	50	42	37	55	45	39	34	37	32	29	29	26	23	22	20	18
7	57	45	37	32	51	41	34	30	34	29	25	27	23	21	20	18	16
8	53	41	33	28	47	37	31	26	31	26	22	25	21	18	19	16	15
9	49	37	30	25	44	34	28	23	28	23	20	23	19	17	17	15	13
10	46	34	27	23	41	31	25	21	26	21	18	21	17	15	16	14	12

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	9632	9632	9632	9632
5°	9639	11092	9663	8230
10°	9553	13390	9595	7188
15°	9456	15197	9456	6338
20°	9262	16392	9314	5622
25°	9119	15574	9102	5130
30°	8954	10791	8936	4649
35°	8756	6928	8716	4286
40°	8508	4892	8465	3925
45°	8078	3914	8066	3573
50°	7548	3275	7524	3162
55°	6954	2699	6898	2681
60°	6370	2231	6308	2280
65°	5686	1785	5722	1933
70°	5053	1240	5189	1562
75°	4283	921	4458	1201
80°	3409	611	3703	901
85°	2430	288	2651	561

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 30°

Vertical Angle: 45°

Luminance: 12858 cd/sqm

TEST NUMBER: P1012596

CATALOG NUMBER: S123RDIP-B560D1195UB35-4F0-XX-W2A-A4

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	87.9	1.3
10°-20°	275.1	4.2
20°-30°	433.2	6.6
30°-40°	450.5	6.9
40°-50°	385.4	5.9
50°-60°	293.8	4.5
60°-70°	188.2	2.9
70°-80°	90.2	1.4
80°-90°	26.9	0.4
90°-100°	312.6	4.8
100°-110°	915.1	13.9
110°-120°	893.6	13.6
120°-130°	711.7	10.8
130°-140°	561.5	8.6
140°-150°	418.9	6.4
150°-160°	292.1	4.4
160°-170°	171.6	2.6
170°-180°	55.8	0.9
0°-30°	796.2	12.1
0°-40°	1246.6	19.0
0°-60°	1925.8	29.3
0°-90°	2231.2	34.0
90°-120°	2121.3	32.3
90°-150°	3813.4	58.1
90°-180°	4333.0	66.0
0°-180°	6564.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	895	895	895	895	895	
5°	894	1062	896	788	894	85
15°	854	1510	854	630	854	240
25°	777	1556	775	512	777	358
35°	678	675	675	418	678	424
45°	544	360	543	329	544	419
55°	384	226	381	224	384	344
65°	235	130	237	141	235	235
75°	113	55	117	72	113	122
85°	25	13	28	25	25	28
90°	2	34	2	34	2	4
95°	40	135	40	135	40	42
105°	135	1483	135	1483	135	144
115°	239	1804	239	1804	239	237
125°	332	1422	332	1422	332	295
135°	389	1153	389	1153	389	301
145°	444	901	444	901	444	278
155°	505	747	505	747	505	232
165°	552	652	552	652	552	155
175°	575	586	575	586	575	55
180°	576	576	576	576	576	

TEST NUMBER: P1012596

CATALOG NUMBER: S123RDIP-B560D1195UB35-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	894.8	894.8	894.8	894.8	894.8	894.8	894.8	894.8	894.8	894.8	894.8
2.5°	897.1	903.2	907.8	910.8	918.5	923.1	926.9	933.8	933.8	935.4	938.4
5°	894.0	907.0	916.2	928.5	944.6	952.2	962.9	972.1	985.2	992.0	998.9
7.5°	887.1	905.5	924.6	943.0	966.8	982.1	992.8	1016.6	1033.4	1054.1	1070.2
10°	877.9	903.2	927.7	956.0	988.2	1011.2	1027.3	1058.7	1090.9	1120.0	1144.5
12.5°	866.4	897.1	932.3	966.8	1012.0	1034.9	1061.0	1100.1	1146.0	1182.8	1215.7
15°	854.2	889.4	929.2	971.4	1028.1	1060.2	1097.8	1145.3	1196.6	1249.4	1294.6
17.5°	835.0	879.4	923.9	985.2	1051.8	1071.0	1103.1	1168.2	1231.8	1279.3	1334.5
20°	815.9	865.6	921.6	976.7	1048.7	1093.2	1123.0	1192.0	1260.2	1317.6	1370.5
22.5°	798.2	850.3	908.5	978.3	1045.7	1090.1	1127.6	1199.7	1278.6	1342.9	1408.0
25°	776.8	833.5	897.8	963.7	1045.7	1079.4	1120.7	1204.2	1287.7	1362.1	1442.5
27.5°	753.8	811.3	874.8	942.3	1017.3	1067.1	1107.7	1197.4	1299.2	1378.9	1461.6
30°	730.8	789.8	851.1	911.6	995.9	1043.4	1090.1	1188.9	1305.4	1396.5	1460.1
32.5°	708.6	758.4	818.9	877.9	961.4	1013.5	1066.4	1180.5	1307.7	1384.3	1414.9
35°	678.0	730.1	779.1	841.9	926.2	977.5	1039.5	1179.7	1297.7	1345.2	1329.9
37.5°	649.6	693.3	740.0	795.9	882.5	949.1	1013.5	1159.8	1264.8	1267.8	1181.3
40°	618.2	654.2	693.3	752.3	845.7	911.6	981.3	1129.2	1205.0	1159.8	1007.4
42.5°	582.2	614.4	645.0	702.5	804.4	877.9	953.0	1090.9	1118.4	1014.3	855.7
45°	543.9	569.9	598.3	658.8	760.7	833.5	908.5	1031.9	1003.5	856.5	705.5
47.5°	504.1	526.3	553.9	609.0	714.0	788.3	859.5	947.6	875.6	717.8	591.4
50°	464.2	481.9	508.7	565.4	666.5	733.9	799.8	857.2	756.1	615.9	488.7
52.5°	425.2	439.0	466.5	514.8	612.8	677.2	724.7	746.9	644.3	508.7	424.4
55°	383.8	399.1	417.5	466.5	563.8	611.3	642.7	642.0	536.2	431.3	350.9
57.5°	344.0	357.8	373.8	422.9	501.8	533.9	560.8	547.7	447.4	353.2	301.1
60°	308.7	316.4	334.0	375.4	435.1	462.7	478.0	455.8	365.4	298.0	249.0
62.5°	270.4	278.1	292.6	331.7	368.5	383.0	396.1	367.7	301.8	242.8	213.0
65°	235.2	245.1	254.3	285.7	305.7	323.3	321.7	298.0	235.9	197.6	173.1
67.5°	204.5	208.4	216.0	235.2	244.4	257.4	258.2	231.4	190.0	160.9	146.3
70°	171.6	175.4	180.8	190.0	196.1	199.2	197.6	173.9	143.3	125.6	112.6
72.5°	143.3	142.5	146.3	146.3	152.4	151.7	147.1	128.7	108.8	94.2	86.6
75°	112.6	113.4	114.1	112.6	110.3	107.2	103.4	89.6	76.6	69.7	62.8
77.5°	88.1	86.6	87.3	82.0	78.9	75.8	70.5	63.6	52.9	51.3	48.3
80°	62.8	62.1	61.3	59.0	52.1	49.0	45.2	41.4	39.1	37.5	36.8
82.5°	42.1	42.1	40.6	36.0	32.2	29.9	29.1	27.6	25.3	25.3	24.5
85°	25.3	24.5	23.0	18.4	16.1	16.1	16.1	16.1	14.6	14.6	13.8
87.5°	10.0	9.2	6.9	6.9	6.1	6.1	6.1	5.4	5.4	4.6	4.6
90°	2.3	4.7	7.0	10.5	12.8	14.0	15.2	18.7	22.2	25.7	29.2
92.5°	17.5	25.7	37.3	47.8	59.5	70.0	80.5	117.8	179.6	240.2	216.9
95°	39.6	43.1	56.0	75.8	106.1	128.8	151.6	250.7	424.4	615.7	691.4
97.5°	63.0	64.1	74.6	92.1	122.4	147.5	172.6	270.5	472.2	794.1	1063.4
100°	86.3	87.5	95.6	111.9	139.9	162.6	185.4	267.0	439.6	746.2	1104.2
102.5°	110.8	113.1	120.1	135.3	159.7	180.1	200.6	271.7	411.6	676.3	1028.4
105°	135.3	138.8	145.8	159.7	181.9	200.0	218.0	281.0	401.1	621.5	937.5
107.5°	160.9	164.4	171.4	185.4	206.4	223.3	240.2	296.2	398.8	581.8	857.0
110°	188.9	192.4	198.2	211.0	230.9	247.2	263.5	316.0	404.6	560.9	790.6

TEST NUMBER: P1012596

CATALOG NUMBER: S123RDIP-B560D1195UB35-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	214.5	218.0	223.9	236.7	256.5	272.2	288.0	335.8	416.3	549.2	746.2
115°	239.0	243.7	250.7	262.4	282.2	298.0	313.7	358.0	429.1	548.0	717.1
117.5°	263.5	269.3	275.2	285.7	307.8	322.4	337.0	381.3	445.4	549.2	697.3
120°	289.2	292.7	298.5	310.2	332.3	346.9	361.5	403.4	464.1	553.9	684.4
122.5°	311.3	314.8	320.7	333.5	354.5	370.2	386.0	426.8	481.6	562.0	676.3
125°	332.3	334.6	341.6	354.5	376.6	392.4	408.1	448.9	500.2	570.2	669.3
127.5°	348.6	352.1	360.3	373.1	397.6	413.4	429.1	468.7	515.4	579.5	665.8
130°	363.8	367.3	377.8	391.8	416.3	432.0	447.7	486.2	530.5	588.8	662.3
132.5°	375.5	380.1	391.8	409.3	433.8	449.0	464.1	501.4	544.5	595.8	661.1
135°	389.4	394.1	406.9	424.4	448.9	464.6	480.4	516.5	556.2	602.8	660.0
137.5°	402.3	406.9	419.8	438.4	462.9	477.5	492.1	527.0	565.5	607.5	657.6
140°	415.1	420.9	432.6	451.2	474.6	489.2	503.7	537.5	572.5	612.2	656.5
142.5°	429.1	433.8	446.6	462.9	486.2	499.6	513.0	545.7	579.5	615.7	654.1
145°	444.3	447.7	458.2	475.7	495.6	509.0	522.4	552.7	584.2	616.8	651.8
147.5°	459.4	461.7	472.2	487.4	507.2	518.8	530.5	558.5	587.7	616.8	648.3
150°	474.6	475.7	485.1	500.2	516.5	527.0	537.5	564.4	588.8	616.8	643.6
152.5°	489.7	489.7	499.1	511.9	525.9	535.8	545.7	567.8	591.2	613.3	637.8
155°	504.9	504.9	511.9	523.5	536.4	544.6	552.7	572.5	591.2	611.0	630.8
157.5°	516.5	517.7	523.5	534.0	545.7	552.1	558.5	574.8	592.3	607.5	625.0
160°	530.5	530.5	535.2	544.5	552.7	558.6	564.4	578.3	592.3	605.2	618.0
162.5°	541.0	541.0	544.5	551.5	558.5	563.2	567.8	579.5	591.2	600.5	611.0
165°	551.5	550.4	552.7	558.5	563.2	567.2	571.3	580.7	588.8	595.8	604.0
167.5°	559.7	558.5	559.7	564.4	567.8	570.8	573.7	580.7	587.7	591.2	597.0
170°	566.7	564.4	565.5	569.0	571.3	572.5	573.7	579.5	584.2	586.5	590.0
172.5°	571.3	570.2	570.2	572.5	573.7	574.2	574.8	579.5	583.0	583.0	584.2
175°	574.8	573.7	572.5	574.8	574.8	575.4	576.0	578.3	580.7	579.5	579.5
177.5°	577.2	576.0	574.8	576.0	576.0	576.0	576.0	577.2	579.5	577.2	576.0
180°	576.0	576.0	576.0	576.0	576.0	576.0	576.0	576.0	576.0	576.0	576.0

TEST NUMBER: P1012596

CATALOG NUMBER: S123RDIP-B560D1195UB35-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	894.8	894.8	894.8	894.8	894.8	894.8	894.8	894.8	894.8	894.8	894.8
2.5°	944.6	944.6	951.4	958.3	954.5	956.8	965.2	962.2	968.3	967.5	969.8
5°	1015.8	1024.2	1031.1	1045.7	1048.0	1045.7	1060.2	1064.1	1071.0	1062.5	1066.4
7.5°	1096.2	1113.9	1130.7	1152.2	1159.1	1160.6	1168.2	1179.0	1188.2	1171.3	1179.7
10°	1174.4	1201.2	1235.7	1254.8	1271.7	1277.8	1283.9	1290.8	1301.5	1311.5	1303.8
12.5°	1258.6	1297.7	1330.6	1365.1	1385.8	1383.5	1401.1	1405.7	1414.1	1416.4	1419.5
15°	1327.6	1382.7	1403.4	1454.7	1459.3	1474.7	1494.6	1512.2	1514.5	1509.9	1509.9
17.5°	1393.5	1441.0	1477.7	1519.1	1527.5	1540.5	1565.8	1574.3	1577.3	1576.6	1576.6
20°	1447.1	1478.5	1540.5	1575.0	1588.8	1605.7	1623.3	1634.0	1636.3	1639.4	1634.8
22.5°	1482.3	1529.8	1580.4	1608.7	1620.2	1626.3	1637.8	1640.9	1637.1	1637.8	1638.6
25°	1509.9	1556.6	1587.3	1594.9	1594.2	1586.5	1578.1	1563.5	1562.0	1555.9	1543.6
27.5°	1517.6	1535.2	1531.4	1499.9	1468.5	1465.5	1414.9	1387.3	1355.9	1360.5	1342.9
30°	1476.2	1453.2	1398.8	1319.2	1286.2	1232.6	1175.9	1116.9	1093.9	1068.7	1115.4
32.5°	1375.1	1293.1	1196.6	1093.2	1038.0	990.5	930.0	887.1	862.6	841.9	881.7
35°	1222.6	1094.7	966.8	868.7	823.5	780.6	723.9	702.5	671.8	674.9	678.7
37.5°	1026.5	885.6	789.0	692.5	662.6	645.0	603.7	570.7	560.0	556.9	556.9
40°	842.7	727.0	641.2	565.4	542.4	527.8	494.9	479.6	468.1	465.0	468.8
42.5°	697.1	598.3	531.6	481.1	465.0	446.6	432.8	413.7	411.4	406.0	412.9
45°	585.3	499.5	449.7	412.9	399.1	392.2	376.9	365.4	360.8	360.0	365.4
47.5°	496.4	429.8	386.1	363.1	352.4	345.5	332.5	327.9	323.3	324.8	322.5
50°	416.7	366.9	338.6	317.9	311.0	304.1	295.7	291.1	288.8	288.8	288.0
52.5°	357.8	316.4	298.0	278.8	275.8	272.0	262.8	259.7	255.9	255.1	258.2
55°	306.4	278.1	259.7	248.2	245.1	237.5	233.6	229.8	227.5	226.0	226.8
57.5°	262.0	240.5	228.3	218.3	213.0	209.9	203.0	202.2	200.7	200.7	199.9
60°	225.2	209.9	195.3	189.2	185.4	181.6	180.8	176.2	173.9	175.4	174.7
62.5°	190.7	178.5	170.1	163.2	160.9	157.8	155.5	154.0	151.7	152.4	152.4
65°	159.3	149.4	143.3	137.1	136.4	133.3	132.5	131.0	131.0	130.2	131.8
67.5°	131.0	124.1	118.7	114.9	112.6	113.4	110.3	108.0	108.0	107.2	109.5
70°	104.2	100.4	95.0	90.4	87.3	87.3	83.5	82.7	82.7	82.7	82.0
72.5°	80.4	73.5	71.2	69.7	69.7	69.7	68.2	68.2	67.4	68.2	67.4
75°	59.8	59.0	57.5	56.7	56.7	55.9	55.2	55.2	55.2	55.2	55.2
77.5°	46.7	46.7	45.2	44.4	44.4	44.4	43.7	43.7	42.9	42.9	42.9
80°	34.5	34.5	32.9	32.9	32.9	32.2	32.2	32.2	32.9	32.2	32.2
82.5°	23.7	23.7	23.0	23.7	23.0	22.2	22.2	22.2	21.4	22.2	22.2
85°	13.8	13.8	13.0	12.3	13.0	13.0	12.3	13.0	12.3	13.0	12.3
87.5°	5.4	4.6	4.6	4.6	3.8	4.6	3.8	3.8	4.6	3.8	4.6
90°	28.0	29.2	30.3	31.5	32.6	33.8	32.6	33.8	35.0	33.8	35.0
92.5°	162.1	115.4	89.8	78.1	74.0	70.0	67.6	63.0	64.1	61.8	64.1
95°	560.9	419.8	284.5	222.7	201.7	180.7	158.6	148.1	139.9	135.3	139.9
97.5°	1099.6	964.3	727.6	573.7	507.2	440.8	362.6	318.3	290.3	277.5	290.3
100°	1333.9	1374.7	1280.3	1143.9	1061.1	978.3	860.5	775.4	729.9	731.1	729.9
102.5°	1345.6	1511.2	1531.0	1465.7	1420.8	1375.9	1290.8	1227.8	1191.7	1157.9	1191.7
105°	1272.1	1515.8	1632.4	1654.6	1639.4	1624.3	1570.6	1526.3	1489.0	1483.2	1489.0
107.5°	1167.2	1445.9	1628.9	1719.9	1735.6	1751.4	1744.4	1723.4	1708.2	1695.4	1708.2
110°	1069.2	1336.3	1550.8	1697.7	1738.5	1779.3	1812.0	1821.3	1819.0	1816.6	1819.0

TEST NUMBER: P1012596

CATALOG NUMBER: S123RDIP-B560D1195UB35-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	984.1	1227.8	1448.2	1617.3	1672.6	1728.0	1794.5	1828.3	1840.0	1841.1	1840.0
115°	918.8	1134.5	1337.4	1508.8	1572.4	1635.9	1723.4	1774.7	1798.0	1803.8	1798.0
117.5°	875.7	1062.2	1241.8	1399.2	1465.1	1531.0	1621.9	1679.1	1714.0	1722.2	1714.0
120°	843.0	1007.4	1164.8	1304.8	1363.6	1422.5	1514.7	1579.9	1607.9	1614.9	1607.9
122.5°	816.2	964.3	1103.0	1230.1	1283.8	1337.4	1416.7	1473.8	1505.3	1514.7	1505.3
125°	794.1	927.0	1054.1	1166.0	1212.6	1259.3	1333.9	1385.2	1414.4	1422.5	1414.4
127.5°	773.1	893.2	1008.6	1111.2	1154.4	1197.5	1265.1	1309.4	1336.3	1343.2	1336.3
130°	756.7	861.7	966.6	1061.1	1100.8	1140.4	1202.2	1244.1	1268.6	1278.0	1268.6
132.5°	741.6	832.5	927.0	1013.3	1050.6	1087.9	1145.0	1187.0	1208.0	1213.8	1208.0
135°	728.8	806.9	889.7	965.5	998.7	1031.9	1089.1	1124.0	1145.0	1153.2	1145.0
137.5°	717.1	782.4	852.4	920.0	949.8	979.5	1028.4	1064.6	1082.1	1089.1	1082.1
140°	706.6	761.4	820.9	876.8	901.9	927.0	971.3	1003.9	1022.6	1021.4	1022.6
142.5°	697.3	741.6	790.6	837.2	858.2	879.2	915.3	943.3	959.6	958.5	959.6
145°	689.1	726.4	764.9	802.2	819.1	836.0	865.2	889.7	899.0	901.3	899.0
147.5°	681.0	713.6	745.1	776.6	788.8	801.1	824.4	841.9	851.2	852.4	851.2
150°	672.8	699.6	726.4	750.9	762.0	773.1	790.6	803.4	810.4	810.4	810.4
152.5°	663.5	686.8	708.9	729.9	738.6	747.4	760.2	771.9	775.4	775.4	775.4
155°	654.1	674.0	692.6	710.1	717.1	724.1	734.6	743.9	746.2	747.4	746.2
157.5°	643.6	660.0	676.3	690.3	696.1	701.9	711.3	718.3	720.6	720.6	720.6
160°	633.1	648.3	661.1	672.8	676.9	681.0	689.1	696.1	696.1	694.9	696.1
162.5°	622.7	634.3	644.8	655.3	658.8	662.3	667.0	672.8	672.8	671.6	672.8
165°	613.3	622.7	629.6	637.8	640.7	643.6	648.3	653.0	651.8	651.8	651.8
167.5°	604.0	612.2	618.0	622.7	625.0	627.3	629.6	633.1	632.0	632.0	632.0
170°	595.8	601.7	605.2	609.8	611.0	612.2	613.3	615.7	614.5	614.5	614.5
172.5°	587.7	592.3	594.7	598.2	598.8	599.3	599.3	601.7	599.3	598.2	599.3
175°	581.8	584.2	585.3	587.7	587.7	587.7	587.7	588.8	587.7	586.5	587.7
177.5°	577.2	578.3	579.5	580.7	580.7	580.7	579.5	580.7	578.3	578.3	578.3
180°	576.0	576.0	576.0	576.0	576.0	576.0	576.0	576.0	576.0	576.0	576.0

TEST NUMBER: P1012596

CATALOG NUMBER: S123RDIP-B560D1195UB35-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	894.8	894.8	894.8	894.8	894.8	894.8	894.8	894.8	894.8	894.8	894.8
2.5°	966.0	961.4	958.3	956.0	953.7	960.6	951.4	941.5	934.6	930.0	928.5
5°	1067.1	1057.2	1048.7	1041.8	1043.4	1043.4	1027.3	1009.7	994.3	985.9	976.7
7.5°	1184.3	1173.6	1156.8	1152.9	1149.9	1130.7	1114.6	1082.4	1063.3	1044.1	1027.3
10°	1300.8	1287.0	1270.9	1265.5	1257.9	1234.1	1209.6	1168.2	1144.5	1109.3	1087.0
12.5°	1409.6	1392.7	1376.6	1372.8	1361.3	1340.6	1298.5	1255.6	1215.0	1177.4	1138.4
15°	1500.7	1496.1	1471.6	1456.3	1431.0	1402.7	1393.5	1335.2	1283.9	1244.8	1174.4
17.5°	1577.3	1555.9	1532.9	1522.9	1513.0	1480.0	1447.1	1387.3	1332.2	1274.7	1229.5
20°	1638.6	1614.9	1598.8	1584.2	1579.6	1542.1	1490.0	1437.1	1376.6	1312.3	1253.3
22.5°	1641.7	1638.6	1627.9	1619.5	1610.3	1585.7	1544.4	1478.5	1414.1	1343.7	1266.3
25°	1578.1	1573.5	1604.1	1596.5	1602.6	1593.4	1571.2	1516.0	1441.0	1358.2	1280.1
27.5°	1386.6	1433.3	1481.6	1498.4	1509.9	1542.8	1553.6	1522.9	1462.4	1374.3	1287.0
30°	1126.1	1188.2	1266.3	1308.4	1340.6	1401.9	1481.6	1491.5	1463.2	1392.7	1285.5
32.5°	884.0	940.7	1003.5	1053.3	1096.2	1221.9	1329.1	1406.5	1420.3	1383.5	1289.3
35°	712.4	737.0	796.7	844.2	902.4	1009.7	1136.1	1260.9	1345.2	1349.8	1277.8
37.5°	587.6	600.6	652.7	679.5	714.0	808.2	926.2	1089.3	1220.3	1282.4	1245.6
40°	486.4	516.3	546.2	561.5	586.0	651.2	764.5	892.5	1054.9	1169.8	1195.8
42.5°	422.1	435.1	454.3	475.7	491.0	547.7	623.6	740.8	887.1	1047.2	1119.2
45°	372.3	376.9	396.8	410.6	426.7	466.5	520.2	618.2	746.9	904.7	1027.3
47.5°	330.9	340.1	350.9	359.3	370.0	400.6	446.6	517.9	631.2	772.2	904.0
50°	294.2	299.5	313.3	317.1	324.8	346.3	381.5	435.9	529.3	642.0	778.3
52.5°	259.7	269.7	275.0	280.4	287.3	304.9	327.9	372.3	442.8	548.5	664.2
55°	232.9	235.9	243.6	248.2	253.6	265.8	285.7	318.7	373.8	458.1	567.7
57.5°	206.8	206.8	214.5	218.3	223.7	232.9	250.5	275.8	315.6	378.4	478.8
60°	179.3	180.0	186.2	190.7	192.3	201.5	216.0	235.9	266.6	312.6	394.5
62.5°	154.7	158.6	161.6	163.2	168.5	173.9	186.2	199.9	221.4	262.0	320.2
65°	134.1	134.8	137.1	138.7	141.0	147.1	156.3	165.5	183.9	213.7	261.2
67.5°	110.3	113.4	116.4	116.4	118.7	121.8	131.0	138.7	152.4	170.1	202.2
70°	82.7	84.3	88.9	91.2	94.2	99.6	104.2	108.8	119.5	132.5	157.0
72.5°	68.9	68.9	70.5	71.2	71.2	75.1	82.0	86.6	91.9	101.1	118.0
75°	55.2	55.2	57.5	56.7	58.2	59.8	60.5	63.6	66.6	73.5	83.5
77.5°	43.7	44.4	44.4	45.2	45.2	46.0	46.7	48.3	49.8	53.6	58.2
80°	32.2	32.9	32.9	33.7	33.7	34.5	35.2	36.0	37.5	39.1	41.4
82.5°	22.2	23.0	23.0	23.7	23.0	23.7	24.5	24.5	25.3	26.8	27.6
85°	13.0	13.0	13.8	13.0	13.0	13.0	13.8	13.8	14.6	16.9	16.9
87.5°	3.8	4.6	3.8	4.6	4.6	4.6	4.6	5.4	5.4	6.1	6.9
90°	33.8	32.6	33.8	32.6	31.5	30.3	29.2	28.0	29.2	25.7	22.2
92.5°	63.0	67.6	70.0	74.0	78.1	89.8	115.4	162.1	216.9	240.2	179.6
95°	148.1	158.6	180.7	201.7	222.7	284.5	419.8	560.9	691.4	615.7	424.4
97.5°	318.3	362.6	440.8	507.2	573.7	727.6	964.3	1099.6	1063.4	794.1	472.2
100°	775.4	860.5	978.3	1061.1	1143.9	1280.3	1374.7	1333.9	1104.2	746.2	439.6
102.5°	1227.8	1290.8	1375.9	1420.8	1465.7	1531.0	1511.2	1345.6	1028.4	676.3	411.6
105°	1526.3	1570.6	1624.3	1639.4	1654.6	1632.4	1515.8	1272.1	937.5	621.5	401.1
107.5°	1723.4	1744.4	1751.4	1735.6	1719.9	1628.9	1445.9	1167.2	857.0	581.8	398.8
110°	1821.3	1812.0	1779.3	1738.5	1697.7	1550.8	1336.3	1069.2	790.6	560.9	404.6

TEST NUMBER: P1012596

CATALOG NUMBER: S123RDIP-B560D1195UB35-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	1828.3	1794.5	1728.0	1672.6	1617.3	1448.2	1227.8	984.1	746.2	549.2	416.3
115°	1774.7	1723.4	1635.9	1572.4	1508.8	1337.4	1134.5	918.8	717.1	548.0	429.1
117.5°	1679.1	1621.9	1531.0	1465.1	1399.2	1241.8	1062.2	875.7	697.3	549.2	445.4
120°	1579.9	1514.7	1422.5	1363.6	1304.8	1164.8	1007.4	843.0	684.4	553.9	464.1
122.5°	1473.8	1416.7	1337.4	1283.8	1230.1	1103.0	964.3	816.2	676.3	562.0	481.6
125°	1385.2	1333.9	1259.3	1212.6	1166.0	1054.1	927.0	794.1	669.3	570.2	500.2
127.5°	1309.4	1265.1	1197.5	1154.4	1111.2	1008.6	893.2	773.1	665.8	579.5	515.4
130°	1244.1	1202.2	1140.4	1100.8	1061.1	966.6	861.7	756.7	662.3	588.8	530.5
132.5°	1187.0	1145.0	1087.9	1050.6	1013.3	927.0	832.5	741.6	661.1	595.8	544.5
135°	1124.0	1089.1	1031.9	998.7	965.5	889.7	806.9	728.8	660.0	602.8	556.2
137.5°	1064.6	1028.4	979.5	949.8	920.0	852.4	782.4	717.1	657.6	607.5	565.5
140°	1003.9	971.3	927.0	901.9	876.8	820.9	761.4	706.6	656.5	612.2	572.5
142.5°	943.3	915.3	879.2	858.2	837.2	790.6	741.6	697.3	654.1	615.7	579.5
145°	889.7	865.2	836.0	819.1	802.2	764.9	726.4	689.1	651.8	616.8	584.2
147.5°	841.9	824.4	801.1	788.8	776.6	745.1	713.6	681.0	648.3	616.8	587.7
150°	803.4	790.6	773.1	762.0	750.9	726.4	699.6	672.8	643.6	616.8	588.8
152.5°	771.9	760.2	747.4	738.6	729.9	708.9	686.8	663.5	637.8	613.3	591.2
155°	743.9	734.6	724.1	717.1	710.1	692.6	674.0	654.1	630.8	611.0	591.2
157.5°	718.3	711.3	701.9	696.1	690.3	676.3	660.0	643.6	625.0	607.5	592.3
160°	696.1	689.1	681.0	676.9	672.8	661.1	648.3	633.1	618.0	605.2	592.3
162.5°	672.8	667.0	662.3	658.8	655.3	644.8	634.3	622.7	611.0	600.5	591.2
165°	653.0	648.3	643.6	640.7	637.8	629.6	622.7	613.3	604.0	595.8	588.8
167.5°	633.1	629.6	627.3	625.0	622.7	618.0	612.2	604.0	597.0	591.2	587.7
170°	615.7	613.3	612.2	611.0	609.8	605.2	601.7	595.8	590.0	586.5	584.2
172.5°	601.7	599.3	599.3	598.8	598.2	594.7	592.3	587.7	584.2	583.0	583.0
175°	588.8	587.7	587.7	587.7	587.7	585.3	584.2	581.8	579.5	579.5	580.7
177.5°	580.7	579.5	580.7	580.7	580.7	579.5	578.3	577.2	576.0	577.2	579.5
180°	576.0	576.0	576.0	576.0	576.0	576.0	576.0	576.0	576.0	576.0	576.0

TEST NUMBER: P1012596

CATALOG NUMBER: S123RDIP-B560D1195UB35-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
0°	894.8	894.8	894.8	894.8	894.8	894.8	894.8	894.8	894.8	894.8	894.8
2.5°	926.2	922.3	918.5	918.5	910.1	902.4	898.6	900.1	895.5	889.4	883.3
5°	966.8	951.4	948.4	940.0	928.5	912.4	904.0	896.3	887.1	874.8	863.4
7.5°	1004.3	984.4	973.7	965.2	943.0	920.8	902.4	890.2	874.1	855.7	841.9
10°	1053.3	1016.6	1005.1	985.9	954.5	923.1	901.7	881.7	859.5	838.1	819.7
12.5°	1092.4	1050.3	1028.8	1009.7	969.1	929.2	893.2	868.7	841.9	818.2	794.4
15°	1136.8	1089.3	1051.8	1028.8	977.5	929.2	888.6	854.2	824.3	795.2	774.5
17.5°	1158.3	1098.5	1081.7	1048.7	974.4	926.2	876.4	839.6	803.6	769.9	745.4
20°	1192.0	1122.3	1080.1	1057.9	992.0	920.8	862.6	820.5	782.9	746.9	720.9
22.5°	1194.3	1118.4	1090.9	1048.7	967.5	904.7	850.3	799.0	755.3	721.6	694.8
25°	1188.9	1111.6	1073.3	1039.5	972.1	895.5	825.8	775.3	732.4	693.3	661.9
27.5°	1186.6	1091.6	1055.6	1021.9	946.1	868.7	811.3	753.8	704.8	670.3	638.1
30°	1183.6	1070.2	1026.5	987.5	917.7	848.0	779.1	729.3	682.6	638.9	606.7
32.5°	1163.6	1041.1	996.6	955.3	880.2	810.5	756.1	703.2	652.7	612.1	583.0
35°	1157.5	1014.3	956.0	911.6	838.1	776.0	718.6	674.9	627.4	586.8	552.3
37.5°	1139.9	986.7	923.9	867.2	790.6	731.6	689.5	645.8	599.8	556.2	528.6
40°	1109.3	954.5	883.3	825.0	746.1	686.4	647.3	615.1	569.9	530.9	497.2
42.5°	1064.1	921.6	845.0	783.7	696.3	640.4	608.3	577.6	539.3	498.7	471.1
45°	1012.0	877.9	806.7	738.5	649.6	595.2	561.5	543.1	507.9	473.4	441.3
47.5°	940.7	832.7	762.2	691.8	601.4	548.5	521.7	503.3	478.8	441.3	415.2
50°	851.1	774.5	707.8	645.0	553.9	503.3	476.5	462.7	442.0	415.2	389.9
52.5°	751.5	707.1	651.9	593.7	505.6	458.1	433.6	422.9	407.5	382.3	360.8
55°	651.2	632.0	594.5	537.0	455.0	416.0	394.5	380.7	369.2	350.9	332.5
57.5°	561.5	552.3	526.3	481.9	412.9	372.3	353.9	344.7	335.5	321.7	303.4
60°	468.8	478.8	452.0	429.8	366.9	331.7	315.6	305.7	301.1	288.8	277.3
62.5°	388.4	397.6	382.3	365.4	321.0	289.6	279.6	270.4	267.4	256.6	245.1
65°	315.6	327.1	315.6	306.4	279.6	253.6	241.3	236.7	233.6	226.8	217.6
67.5°	251.3	262.8	257.4	245.9	237.5	216.0	209.1	204.5	203.0	197.6	190.0
70°	189.2	205.3	206.8	199.9	192.3	182.3	177.7	176.2	172.4	167.8	163.2
72.5°	136.4	154.7	155.5	155.5	150.9	150.9	146.3	144.0	144.0	139.4	134.1
75°	100.4	112.6	114.1	115.7	118.0	120.3	117.2	117.2	116.4	111.8	109.5
77.5°	66.6	77.4	81.2	86.6	89.6	89.6	91.2	92.7	91.2	88.9	87.3
80°	42.9	50.6	55.2	58.2	62.8	65.1	67.4	68.2	66.6	65.9	63.6
82.5°	28.3	30.6	32.9	36.8	42.1	46.0	46.0	45.2	46.7	46.0	45.2
85°	16.1	17.6	18.4	19.2	22.2	26.0	26.8	27.6	29.1	27.6	26.0
87.5°	6.1	6.9	6.9	6.9	8.4	9.2	11.5	14.6	13.8	12.3	12.3
90°	18.7	15.2	14.0	12.8	10.5	7.0	4.7	2.3	4.7	7.0	10.5
92.5°	117.8	80.5	70.0	59.5	47.8	37.3	25.7	17.5	25.7	37.3	47.8
95°	250.7	151.6	128.8	106.1	75.8	56.0	43.1	39.6	43.1	56.0	75.8
97.5°	270.5	172.6	147.5	122.4	92.1	74.6	64.1	63.0	64.1	74.6	92.1
100°	267.0	185.4	162.6	139.9	111.9	95.6	87.5	86.3	87.5	95.6	111.9
102.5°	271.7	200.6	180.1	159.7	135.3	120.1	113.1	110.8	113.1	120.1	135.3
105°	281.0	218.0	200.0	181.9	159.7	145.8	138.8	135.3	138.8	145.8	159.7
107.5°	296.2	240.2	223.3	206.4	185.4	171.4	164.4	160.9	164.4	171.4	185.4
110°	316.0	263.5	247.2	230.9	211.0	198.2	192.4	188.9	192.4	198.2	211.0

TEST NUMBER: P1012596

CATALOG NUMBER: S123RDIP-B560D1195UB35-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
112.5°	335.8	288.0	272.2	256.5	236.7	223.9	218.0	214.5	218.0	223.9	236.7
115°	358.0	313.7	298.0	282.2	262.4	250.7	243.7	239.0	243.7	250.7	262.4
117.5°	381.3	337.0	322.4	307.8	285.7	275.2	269.3	263.5	269.3	275.2	285.7
120°	403.4	361.5	346.9	332.3	310.2	298.5	292.7	289.2	292.7	298.5	310.2
122.5°	426.8	386.0	370.2	354.5	333.5	320.7	314.8	311.3	314.8	320.7	333.5
125°	448.9	408.1	392.4	376.6	354.5	341.6	334.6	332.3	334.6	341.6	354.5
127.5°	468.7	429.1	413.4	397.6	373.1	360.3	352.1	348.6	352.1	360.3	373.1
130°	486.2	447.7	432.0	416.3	391.8	377.8	367.3	363.8	367.3	377.8	391.8
132.5°	501.4	464.1	449.0	433.8	409.3	391.8	380.1	375.5	380.1	391.8	409.3
135°	516.5	480.4	464.6	448.9	424.4	406.9	394.1	389.4	394.1	406.9	424.4
137.5°	527.0	492.1	477.5	462.9	438.4	419.8	406.9	402.3	406.9	419.8	438.4
140°	537.5	503.7	489.2	474.6	451.2	432.6	420.9	415.1	420.9	432.6	451.2
142.5°	545.7	513.0	499.6	486.2	462.9	446.6	433.8	429.1	433.8	446.6	462.9
145°	552.7	522.4	509.0	495.6	475.7	458.2	447.7	444.3	447.7	458.2	475.7
147.5°	558.5	530.5	518.8	507.2	487.4	472.2	461.7	459.4	461.7	472.2	487.4
150°	564.4	537.5	527.0	516.5	500.2	485.1	475.7	474.6	475.7	485.1	500.2
152.5°	567.8	545.7	535.8	525.9	511.9	499.1	489.7	489.7	489.7	499.1	511.9
155°	572.5	552.7	544.6	536.4	523.5	511.9	504.9	504.9	504.9	511.9	523.5
157.5°	574.8	558.5	552.1	545.7	534.0	523.5	517.7	516.5	517.7	523.5	534.0
160°	578.3	564.4	558.6	552.7	544.5	535.2	530.5	530.5	530.5	535.2	544.5
162.5°	579.5	567.8	563.2	558.5	551.5	544.5	541.0	541.0	541.0	544.5	551.5
165°	580.7	571.3	567.2	563.2	558.5	552.7	550.4	551.5	550.4	552.7	558.5
167.5°	580.7	573.7	570.8	567.8	564.4	559.7	558.5	559.7	558.5	559.7	564.4
170°	579.5	573.7	572.5	571.3	569.0	565.5	564.4	566.7	564.4	565.5	569.0
172.5°	579.5	574.8	574.2	573.7	572.5	570.2	570.2	571.3	570.2	570.2	572.5
175°	578.3	576.0	575.4	574.8	574.8	572.5	573.7	574.8	573.7	572.5	574.8
177.5°	577.2	576.0	576.0	576.0	576.0	574.8	576.0	577.2	576.0	574.8	576.0
180°	576.0	576.0	576.0	576.0	576.0	576.0	576.0	576.0	576.0	576.0	576.0

TEST NUMBER: P1012596

CATALOG NUMBER: S123RDIP-B560D1195UB35-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
0°	894.8	894.8	894.8	894.8	894.8	894.8	894.8	894.8	894.8	894.8	894.8
2.5°	883.3	879.4	877.9	874.1	864.9	858.8	851.9	847.3	848.0	844.2	846.5
5°	855.7	854.9	849.6	841.9	828.9	822.0	809.7	803.6	800.5	801.3	796.7
7.5°	832.7	825.8	822.0	809.7	797.5	782.9	773.0	767.6	763.0	758.4	755.3
10°	806.7	800.5	794.4	781.4	764.5	750.7	737.0	731.6	724.7	721.6	719.3
12.5°	779.1	775.3	767.6	752.3	733.1	720.1	704.0	700.9	691.8	685.6	684.1
15°	753.8	751.5	737.7	720.1	700.9	687.9	674.1	664.9	649.6	652.7	647.3
17.5°	727.0	717.0	708.6	684.9	675.7	655.7	639.7	635.1	624.3	617.4	610.6
20°	697.1	691.0	680.3	664.9	642.7	619.7	607.5	599.8	593.7	583.0	579.9
22.5°	668.8	661.1	651.9	632.0	612.8	593.7	576.8	569.9	562.3	554.6	550.0
25°	646.6	635.1	625.1	600.6	581.4	565.4	554.6	543.1	532.4	527.8	526.3
27.5°	612.1	605.2	595.2	572.2	554.6	537.0	527.0	519.4	507.9	502.5	497.9
30°	589.9	576.1	564.6	546.2	528.6	509.4	500.2	491.0	484.2	477.3	471.9
32.5°	560.0	549.3	540.1	521.7	504.1	486.4	476.5	462.7	458.9	453.5	447.4
35°	530.9	524.0	514.0	494.1	475.0	462.7	452.0	439.0	434.4	430.5	425.2
37.5°	503.3	493.3	486.4	467.3	450.4	435.9	427.5	416.7	413.7	409.1	405.2
40°	479.6	469.6	462.7	443.5	425.9	410.6	405.2	394.5	389.9	384.6	382.3
42.5°	452.7	444.3	435.1	421.3	402.9	387.6	376.9	370.8	364.6	362.3	357.8
45°	424.4	416.7	409.8	394.5	375.4	364.6	355.5	347.0	342.4	338.6	335.5
47.5°	399.9	393.0	383.8	366.9	351.6	341.7	332.5	324.0	319.4	314.9	311.0
50°	371.5	367.7	357.8	341.7	327.1	315.6	307.2	299.5	296.5	291.1	285.0
52.5°	346.3	339.4	330.9	317.9	304.9	291.1	279.6	275.0	269.7	266.6	261.2
55°	316.4	311.8	302.6	291.1	277.3	265.8	257.4	251.3	244.4	241.3	234.4
57.5°	291.1	282.7	278.1	263.5	250.5	239.0	232.9	226.8	219.1	214.5	211.4
60°	263.5	255.9	249.0	236.7	227.5	215.3	206.1	200.7	195.3	189.2	186.2
62.5°	236.7	230.6	222.2	212.2	200.7	190.7	183.9	176.2	173.1	167.0	164.7
65°	207.6	203.0	196.1	184.6	175.4	167.0	160.1	154.0	150.9	148.6	147.1
67.5°	181.6	175.4	170.8	160.9	150.9	144.0	140.2	136.4	132.5	130.2	127.9
70°	154.7	150.1	145.6	136.4	129.5	123.3	120.3	117.2	114.9	112.6	110.3
72.5°	127.2	124.9	120.3	114.1	108.8	104.2	101.9	98.1	95.8	91.9	90.4
75°	105.0	101.1	98.8	93.5	88.9	85.0	82.0	77.4	74.3	72.8	72.0
77.5°	82.7	81.2	78.1	73.5	71.2	67.4	62.8	61.3	59.8	59.8	59.0
80°	62.1	59.8	57.5	53.6	51.3	48.3	48.3	48.3	47.5	48.3	47.5
82.5°	42.1	40.6	39.1	36.8	36.0	36.0	36.8	36.8	36.8	36.8	36.8
85°	24.5	24.5	24.5	25.3	24.5	24.5	25.3	26.0	25.3	25.3	24.5
87.5°	11.5	11.5	12.3	12.3	13.0	13.0	13.0	13.0	13.0	13.0	13.8
90°	12.8	14.0	15.2	18.7	22.2	25.7	29.2	28.0	29.2	30.3	31.5
92.5°	59.5	70.0	80.5	117.8	179.6	240.2	216.9	162.1	115.4	89.8	78.1
95°	106.1	128.8	151.6	250.7	424.4	615.7	691.4	560.9	419.8	284.5	222.7
97.5°	122.4	147.5	172.6	270.5	472.2	794.1	1063.4	1099.6	964.3	727.6	573.7
100°	139.9	162.6	185.4	267.0	439.6	746.2	1104.2	1333.9	1374.7	1280.3	1143.9
102.5°	159.7	180.1	200.6	271.7	411.6	676.3	1028.4	1345.6	1511.2	1531.0	1465.7
105°	181.9	200.0	218.0	281.0	401.1	621.5	937.5	1272.1	1515.8	1632.4	1654.6
107.5°	206.4	223.3	240.2	296.2	398.8	581.8	857.0	1167.2	1445.9	1628.9	1719.9
110°	230.9	247.2	263.5	316.0	404.6	560.9	790.6	1069.2	1336.3	1550.8	1697.7

TEST NUMBER: P1012596

CATALOG NUMBER: S123RDIP-B560D1195UB35-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
112.5°	256.5	272.2	288.0	335.8	416.3	549.2	746.2	984.1	1227.8	1448.2	1617.3
115°	282.2	298.0	313.7	358.0	429.1	548.0	717.1	918.8	1134.5	1337.4	1508.8
117.5°	307.8	322.4	337.0	381.3	445.4	549.2	697.3	875.7	1062.2	1241.8	1399.2
120°	332.3	346.9	361.5	403.4	464.1	553.9	684.4	843.0	1007.4	1164.8	1304.8
122.5°	354.5	370.2	386.0	426.8	481.6	562.0	676.3	816.2	964.3	1103.0	1230.1
125°	376.6	392.4	408.1	448.9	500.2	570.2	669.3	794.1	927.0	1054.1	1166.0
127.5°	397.6	413.4	429.1	468.7	515.4	579.5	665.8	773.1	893.2	1008.6	1111.2
130°	416.3	432.0	447.7	486.2	530.5	588.8	662.3	756.7	861.7	966.6	1061.1
132.5°	433.8	449.0	464.1	501.4	544.5	595.8	661.1	741.6	832.5	927.0	1013.3
135°	448.9	464.6	480.4	516.5	556.2	602.8	660.0	728.8	806.9	889.7	965.5
137.5°	462.9	477.5	492.1	527.0	565.5	607.5	657.6	717.1	782.4	852.4	920.0
140°	474.6	489.2	503.7	537.5	572.5	612.2	656.5	706.6	761.4	820.9	876.8
142.5°	486.2	499.6	513.0	545.7	579.5	615.7	654.1	697.3	741.6	790.6	837.2
145°	495.6	509.0	522.4	552.7	584.2	616.8	651.8	689.1	726.4	764.9	802.2
147.5°	507.2	518.8	530.5	558.5	587.7	616.8	648.3	681.0	713.6	745.1	776.6
150°	516.5	527.0	537.5	564.4	588.8	616.8	643.6	672.8	699.6	726.4	750.9
152.5°	525.9	535.8	545.7	567.8	591.2	613.3	637.8	663.5	686.8	708.9	729.9
155°	536.4	544.6	552.7	572.5	591.2	611.0	630.8	654.1	674.0	692.6	710.1
157.5°	545.7	552.1	558.5	574.8	592.3	607.5	625.0	643.6	660.0	676.3	690.3
160°	552.7	558.6	564.4	578.3	592.3	605.2	618.0	633.1	648.3	661.1	672.8
162.5°	558.5	563.2	567.8	579.5	591.2	600.5	611.0	622.7	634.3	644.8	655.3
165°	563.2	567.2	571.3	580.7	588.8	595.8	604.0	613.3	622.7	629.6	637.8
167.5°	567.8	570.8	573.7	580.7	587.7	591.2	597.0	604.0	612.2	618.0	622.7
170°	571.3	572.5	573.7	579.5	584.2	586.5	590.0	595.8	601.7	605.2	609.8
172.5°	573.7	574.2	574.8	579.5	583.0	583.0	584.2	587.7	592.3	594.7	598.2
175°	574.8	575.4	576.0	578.3	580.7	579.5	579.5	581.8	584.2	585.3	587.7
177.5°	576.0	576.0	576.0	577.2	579.5	577.2	576.0	577.2	578.3	579.5	580.7
180°	576.0	576.0	576.0	576.0	576.0	576.0	576.0	576.0	576.0	576.0	576.0

TEST NUMBER: P1012596

CATALOG NUMBER: S123RDIP-B560D1195UB35-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
0°	894.8	894.8	894.8	894.8	894.8	894.8	894.8	894.8	894.8	894.8	894.8
2.5°	845.7	846.5	844.2	839.6	838.8	840.4	845.0	843.4	839.6	846.5	840.4
5°	799.0	795.2	793.6	795.2	790.6	788.3	792.9	790.6	792.9	793.6	795.9
7.5°	753.8	754.6	750.0	750.7	744.6	746.1	746.1	746.1	748.4	750.0	753.0
10°	714.7	716.3	710.9	711.7	707.1	704.0	706.3	710.9	710.9	710.9	712.4
12.5°	683.3	676.4	672.6	671.8	666.5	664.9	669.5	671.1	674.9	674.9	677.2
15°	644.3	642.7	639.7	639.7	626.6	629.7	631.2	636.6	644.3	638.1	639.7
17.5°	609.0	605.2	601.4	599.8	598.3	593.7	599.8	599.1	603.7	604.4	606.7
20°	577.6	574.5	566.9	567.7	569.2	562.3	566.1	566.1	570.7	575.3	580.7
22.5°	547.0	543.9	540.1	541.6	537.0	535.5	535.5	539.3	544.7	548.5	547.7
25°	523.2	517.9	515.6	513.3	511.0	512.5	510.2	514.0	517.9	520.2	517.9
27.5°	496.4	494.1	489.5	487.2	483.4	484.9	486.4	489.5	491.8	491.8	494.1
30°	470.4	467.3	465.8	463.5	463.5	460.4	461.2	464.2	466.5	468.8	471.9
32.5°	445.1	442.8	440.5	440.5	439.0	438.2	437.4	442.0	442.0	446.6	446.6
35°	424.4	420.6	420.6	416.7	418.3	417.5	416.0	419.0	419.8	422.9	422.1
37.5°	401.4	401.4	399.9	396.1	393.0	393.8	397.6	397.6	399.9	399.1	401.4
40°	378.4	376.9	376.9	374.6	373.8	373.1	373.8	374.6	378.4	377.7	378.4
42.5°	355.5	356.2	352.4	352.4	352.4	350.1	350.9	351.6	353.2	354.7	357.0
45°	333.2	331.7	330.9	329.4	327.9	328.6	327.9	330.9	330.2	331.7	334.0
47.5°	309.5	307.2	306.4	303.4	303.4	304.9	304.1	306.4	307.2	309.5	308.0
50°	286.5	283.4	281.1	281.9	277.3	278.8	278.8	281.1	283.4	284.2	285.7
52.5°	259.7	258.9	258.2	254.3	253.6	252.8	253.6	254.3	257.4	259.7	260.5
55°	233.6	232.9	228.3	226.8	224.5	224.5	226.0	226.8	232.1	232.9	235.9
57.5°	209.9	207.6	202.2	201.5	201.5	201.5	199.2	202.2	203.8	207.6	207.6
60°	183.9	183.9	179.3	179.3	180.0	179.3	179.3	180.0	180.0	183.1	184.6
62.5°	163.2	162.4	162.4	160.9	160.1	160.9	160.1	160.1	160.9	163.2	165.5
65°	144.8	144.0	143.3	142.5	141.0	141.0	141.7	143.3	143.3	144.8	145.6
67.5°	127.2	127.2	125.6	125.6	124.9	124.1	124.9	124.1	127.2	127.2	127.9
70°	109.5	108.8	106.5	105.7	103.4	104.2	104.2	106.5	107.2	108.8	110.3
72.5°	88.1	88.1	86.6	85.0	85.8	84.3	84.3	85.0	85.0	87.3	88.1
75°	72.8	71.2	70.5	71.2	70.5	72.0	70.5	70.5	72.0	72.0	72.0
77.5°	59.8	59.8	59.0	59.0	59.8	59.0	59.8	59.8	59.8	59.0	59.8
80°	49.0	48.3	48.3	48.3	47.5	47.5	47.5	47.5	47.5	47.5	47.5
82.5°	36.8	36.8	36.0	36.8	36.8	36.0	36.8	36.0	36.0	36.8	36.8
85°	24.5	26.0	24.5	24.5	25.3	25.3	26.0	25.3	26.0	24.5	25.3
87.5°	13.0	13.8	13.8	13.0	13.0	13.8	13.8	13.8	14.6	13.0	13.8
90°	32.6	33.8	32.6	33.8	35.0	33.8	35.0	33.8	32.6	33.8	32.6
92.5°	74.0	70.0	67.6	63.0	64.1	61.8	64.1	63.0	67.6	70.0	74.0
95°	201.7	180.7	158.6	148.1	139.9	135.3	139.9	148.1	158.6	180.7	201.7
97.5°	507.2	440.8	362.6	318.3	290.3	277.5	290.3	318.3	362.6	440.8	507.2
100°	1061.1	978.3	860.5	775.4	729.9	731.1	729.9	775.4	860.5	978.3	1061.1
102.5°	1420.8	1375.9	1290.8	1227.8	1191.7	1157.9	1191.7	1227.8	1290.8	1375.9	1420.8
105°	1639.4	1624.3	1570.6	1526.3	1489.0	1483.2	1489.0	1526.3	1570.6	1624.3	1639.4
107.5°	1735.6	1751.4	1744.4	1723.4	1708.2	1695.4	1708.2	1723.4	1744.4	1751.4	1735.6
110°	1738.5	1779.3	1812.0	1821.3	1819.0	1816.6	1819.0	1821.3	1812.0	1779.3	1738.5

TEST NUMBER: P1012596

CATALOG NUMBER: S123RDIP-B560D1195UB35-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
112.5°	1672.6	1728.0	1794.5	1828.3	1840.0	1841.1	1840.0	1828.3	1794.5	1728.0	1672.6
115°	1572.4	1635.9	1723.4	1774.7	1798.0	1803.8	1798.0	1774.7	1723.4	1635.9	1572.4
117.5°	1465.1	1531.0	1621.9	1679.1	1714.0	1722.2	1714.0	1679.1	1621.9	1531.0	1465.1
120°	1363.6	1422.5	1514.7	1579.9	1607.9	1614.9	1607.9	1579.9	1514.7	1422.5	1363.6
122.5°	1283.8	1337.4	1416.7	1473.8	1505.3	1514.7	1505.3	1473.8	1416.7	1337.4	1283.8
125°	1212.6	1259.3	1333.9	1385.2	1414.4	1422.5	1414.4	1385.2	1333.9	1259.3	1212.6
127.5°	1154.4	1197.5	1265.1	1309.4	1336.3	1343.2	1336.3	1309.4	1265.1	1197.5	1154.4
130°	1100.8	1140.4	1202.2	1244.1	1268.6	1278.0	1268.6	1244.1	1202.2	1140.4	1100.8
132.5°	1050.6	1087.9	1145.0	1187.0	1208.0	1213.8	1208.0	1187.0	1145.0	1087.9	1050.6
135°	998.7	1031.9	1089.1	1124.0	1145.0	1153.2	1145.0	1124.0	1089.1	1031.9	998.7
137.5°	949.8	979.5	1028.4	1064.6	1082.1	1089.1	1082.1	1064.6	1028.4	979.5	949.8
140°	901.9	927.0	971.3	1003.9	1022.6	1021.4	1022.6	1003.9	971.3	927.0	901.9
142.5°	858.2	879.2	915.3	943.3	959.6	958.5	959.6	943.3	915.3	879.2	858.2
145°	819.1	836.0	865.2	889.7	899.0	901.3	899.0	889.7	865.2	836.0	819.1
147.5°	788.8	801.1	824.4	841.9	851.2	852.4	851.2	841.9	824.4	801.1	788.8
150°	762.0	773.1	790.6	803.4	810.4	810.4	810.4	803.4	790.6	773.1	762.0
152.5°	738.6	747.4	760.2	771.9	775.4	775.4	775.4	771.9	760.2	747.4	738.6
155°	717.1	724.1	734.6	743.9	746.2	747.4	746.2	743.9	734.6	724.1	717.1
157.5°	696.1	701.9	711.3	718.3	720.6	720.6	720.6	718.3	711.3	701.9	696.1
160°	676.9	681.0	689.1	696.1	696.1	694.9	696.1	696.1	689.1	681.0	676.9
162.5°	658.8	662.3	667.0	672.8	672.8	671.6	672.8	672.8	667.0	662.3	658.8
165°	640.7	643.6	648.3	653.0	651.8	651.8	651.8	653.0	648.3	643.6	640.7
167.5°	625.0	627.3	629.6	633.1	632.0	632.0	632.0	633.1	629.6	627.3	625.0
170°	611.0	612.2	613.3	615.7	614.5	614.5	614.5	615.7	613.3	612.2	611.0
172.5°	598.8	599.3	599.3	601.7	599.3	598.2	599.3	601.7	599.3	599.3	598.8
175°	587.7	587.7	587.7	588.8	587.7	586.5	587.7	588.8	587.7	587.7	587.7
177.5°	580.7	580.7	579.5	580.7	578.3	578.3	578.3	580.7	579.5	580.7	580.7
180°	576.0	576.0	576.0	576.0	576.0	576.0	576.0	576.0	576.0	576.0	576.0

TEST NUMBER: P1012596

CATALOG NUMBER: S123RDIP-B560D1195UB35-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
0°	894.8	894.8	894.8	894.8	894.8	894.8	894.8	894.8	894.8	894.8	894.8
2.5°	846.5	849.6	846.5	840.4	846.5	850.3	854.2	860.3	863.4	863.4	867.9
5°	798.2	804.4	802.1	800.5	806.7	810.5	816.6	824.3	832.7	838.1	844.2
7.5°	755.3	759.2	763.0	763.0	769.1	777.6	786.7	795.9	806.7	814.3	818.9
10°	717.8	720.9	723.2	726.2	735.4	744.6	756.9	768.4	777.6	786.0	793.6
12.5°	681.8	686.4	691.8	694.1	700.9	712.4	723.9	737.7	752.3	760.7	768.4
15°	647.3	649.6	655.7	662.6	668.8	681.0	695.6	710.1	722.4	735.4	742.3
17.5°	612.1	612.8	628.9	625.1	645.0	656.5	664.2	678.0	697.9	708.6	719.3
20°	577.6	585.3	592.2	596.0	606.7	619.7	642.0	652.7	668.8	678.7	687.9
22.5°	550.8	562.3	562.3	571.5	576.8	589.1	605.2	625.9	643.5	650.4	663.4
25°	527.0	532.4	541.6	544.7	554.6	565.4	576.1	598.3	617.4	626.6	635.8
27.5°	496.4	503.3	515.6	515.6	528.6	540.1	553.1	567.7	586.8	599.8	609.8
30°	472.7	479.6	484.9	493.3	498.7	509.4	532.4	543.1	560.0	571.5	583.7
32.5°	450.4	455.8	460.4	469.6	475.7	488.0	500.2	519.4	533.9	544.7	557.7
35°	425.9	431.3	437.4	444.3	453.5	465.0	476.5	492.6	507.1	517.1	527.8
37.5°	402.9	406.8	416.0	420.6	428.2	439.0	453.5	470.4	483.4	491.0	501.8
40°	380.7	383.8	390.7	399.1	404.5	412.9	428.2	442.8	458.9	468.1	476.5
42.5°	357.0	360.8	366.9	375.4	383.8	393.0	401.4	418.3	432.8	440.5	449.7
45°	336.3	338.6	343.2	351.6	360.0	366.9	380.0	395.3	409.1	415.2	425.2
47.5°	311.8	314.1	321.0	324.8	334.0	343.2	356.2	371.5	383.8	389.9	399.1
50°	286.5	288.8	293.4	301.8	308.0	317.9	329.4	342.4	357.8	366.2	371.5
52.5°	262.0	266.6	270.4	277.3	285.0	294.9	305.7	317.9	330.9	339.4	345.5
55°	237.5	241.3	245.9	249.7	258.9	268.1	280.4	291.9	303.4	311.0	317.9
57.5°	209.9	215.3	219.9	227.5	234.4	242.1	255.9	265.1	278.8	284.2	290.3
60°	186.2	191.5	195.3	201.5	207.6	217.6	226.8	238.2	249.7	256.6	264.3
62.5°	166.2	168.5	170.8	177.0	183.1	192.3	201.5	213.0	225.2	229.1	235.2
65°	146.3	148.6	152.4	157.8	162.4	167.8	177.7	186.9	198.4	204.5	206.8
67.5°	129.5	131.8	132.5	136.4	140.2	146.3	151.7	160.9	171.6	175.4	180.0
70°	110.3	114.1	114.9	118.0	119.5	123.3	129.5	136.4	144.8	151.7	155.5
72.5°	88.1	93.5	95.0	99.6	101.9	105.7	110.3	115.7	121.0	124.1	127.2
75°	72.0	73.5	74.3	78.1	82.0	87.3	89.6	92.7	97.3	101.1	104.2
77.5°	59.8	60.5	61.3	61.3	62.1	65.1	69.7	73.5	76.6	78.1	80.4
80°	48.3	47.5	47.5	48.3	48.3	48.3	49.8	55.2	56.7	60.5	59.8
82.5°	37.5	36.0	36.8	36.0	36.0	36.0	36.0	36.8	36.8	39.1	40.6
85°	24.5	25.3	24.5	24.5	23.7	24.5	23.7	23.7	23.0	23.0	22.2
87.5°	13.0	13.8	13.0	13.0	12.3	13.0	12.3	12.3	11.5	11.5	10.0
90°	31.5	30.3	29.2	28.0	29.2	25.7	22.2	18.7	15.2	14.0	12.8
92.5°	78.1	89.8	115.4	162.1	216.9	240.2	179.6	117.8	80.5	70.0	59.5
95°	222.7	284.5	419.8	560.9	691.4	615.7	424.4	250.7	151.6	128.8	106.1
97.5°	573.7	727.6	964.3	1099.6	1063.4	794.1	472.2	270.5	172.6	147.5	122.4
100°	1143.9	1280.3	1374.7	1333.9	1104.2	746.2	439.6	267.0	185.4	162.6	139.9
102.5°	1465.7	1531.0	1511.2	1345.6	1028.4	676.3	411.6	271.7	200.6	180.1	159.7
105°	1654.6	1632.4	1515.8	1272.1	937.5	621.5	401.1	281.0	218.0	200.0	181.9
107.5°	1719.9	1628.9	1445.9	1167.2	857.0	581.8	398.8	296.2	240.2	223.3	206.4
110°	1697.7	1550.8	1336.3	1069.2	790.6	560.9	404.6	316.0	263.5	247.2	230.9

TEST NUMBER: P1012596

CATALOG NUMBER: S123RDIP-B560D1195UB35-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
112.5°	1617.3	1448.2	1227.8	984.1	746.2	549.2	416.3	335.8	288.0	272.2	256.5
115°	1508.8	1337.4	1134.5	918.8	717.1	548.0	429.1	358.0	313.7	298.0	282.2
117.5°	1399.2	1241.8	1062.2	875.7	697.3	549.2	445.4	381.3	337.0	322.4	307.8
120°	1304.8	1164.8	1007.4	843.0	684.4	553.9	464.1	403.4	361.5	346.9	332.3
122.5°	1230.1	1103.0	964.3	816.2	676.3	562.0	481.6	426.8	386.0	370.2	354.5
125°	1166.0	1054.1	927.0	794.1	669.3	570.2	500.2	448.9	408.1	392.4	376.6
127.5°	1111.2	1008.6	893.2	773.1	665.8	579.5	515.4	468.7	429.1	413.4	397.6
130°	1061.1	966.6	861.7	756.7	662.3	588.8	530.5	486.2	447.7	432.0	416.3
132.5°	1013.3	927.0	832.5	741.6	661.1	595.8	544.5	501.4	464.1	449.0	433.8
135°	965.5	889.7	806.9	728.8	660.0	602.8	556.2	516.5	480.4	464.6	448.9
137.5°	920.0	852.4	782.4	717.1	657.6	607.5	565.5	527.0	492.1	477.5	462.9
140°	876.8	820.9	761.4	706.6	656.5	612.2	572.5	537.5	503.7	489.2	474.6
142.5°	837.2	790.6	741.6	697.3	654.1	615.7	579.5	545.7	513.0	499.6	486.2
145°	802.2	764.9	726.4	689.1	651.8	616.8	584.2	552.7	522.4	509.0	495.6
147.5°	776.6	745.1	713.6	681.0	648.3	616.8	587.7	558.5	530.5	518.8	507.2
150°	750.9	726.4	699.6	672.8	643.6	616.8	588.8	564.4	537.5	527.0	516.5
152.5°	729.9	708.9	686.8	663.5	637.8	613.3	591.2	567.8	545.7	535.8	525.9
155°	710.1	692.6	674.0	654.1	630.8	611.0	591.2	572.5	552.7	544.6	536.4
157.5°	690.3	676.3	660.0	643.6	625.0	607.5	592.3	574.8	558.5	552.1	545.7
160°	672.8	661.1	648.3	633.1	618.0	605.2	592.3	578.3	564.4	558.6	552.7
162.5°	655.3	644.8	634.3	622.7	611.0	600.5	591.2	579.5	567.8	563.2	558.5
165°	637.8	629.6	622.7	613.3	604.0	595.8	588.8	580.7	571.3	567.2	563.2
167.5°	622.7	618.0	612.2	604.0	597.0	591.2	587.7	580.7	573.7	570.8	567.8
170°	609.8	605.2	601.7	595.8	590.0	586.5	584.2	579.5	573.7	572.5	571.3
172.5°	598.2	594.7	592.3	587.7	584.2	583.0	583.0	579.5	574.8	574.2	573.7
175°	587.7	585.3	584.2	581.8	579.5	579.5	580.7	578.3	576.0	575.4	574.8
177.5°	580.7	579.5	578.3	577.2	576.0	577.2	579.5	577.2	576.0	576.0	576.0
180°	576.0	576.0	576.0	576.0	576.0	576.0	576.0	576.0	576.0	576.0	576.0

TEST NUMBER: P1012596

CATALOG NUMBER: S123RDIP-B560D1195UB35-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
0°	894.8	894.8	894.8	894.8
2.5°	871.8	877.1	887.9	897.1
5°	853.4	861.8	877.9	894.0
7.5°	831.2	844.2	864.9	887.1
10°	809.7	826.6	851.9	877.9
12.5°	788.3	805.9	832.7	866.4
15°	763.0	781.4	813.6	854.2
17.5°	740.8	765.3	794.4	835.0
20°	717.0	735.4	773.0	815.9
22.5°	687.2	717.8	753.0	798.2
25°	663.4	690.2	725.5	776.8
27.5°	634.3	665.7	708.6	753.8
30°	610.6	636.6	676.4	730.8
32.5°	583.0	613.6	655.0	708.6
35°	558.5	584.5	623.6	678.0
37.5°	529.3	557.7	601.4	649.6
40°	504.1	531.6	573.0	618.2
42.5°	473.4	502.5	543.9	582.2
45°	448.9	475.7	508.7	543.9
47.5°	419.0	447.4	479.6	504.1
50°	392.2	418.3	443.5	464.2
52.5°	363.1	386.9	409.8	425.2
55°	336.3	354.7	373.1	383.8
57.5°	304.9	322.5	337.8	344.0
60°	277.3	291.9	301.8	308.7
62.5°	248.2	258.9	266.6	270.4
65°	219.9	227.5	231.4	235.2
67.5°	190.7	197.6	199.9	204.5
70°	160.1	167.8	169.3	171.6
72.5°	137.1	137.1	140.2	143.3
75°	109.5	111.1	112.6	112.6
77.5°	85.8	85.8	87.3	88.1
80°	62.8	63.6	63.6	62.8
82.5°	42.9	44.4	42.9	42.1
85°	23.7	26.8	25.3	25.3
87.5°	10.0	10.0	11.5	10.0
90°	10.5	7.0	4.7	2.3
92.5°	47.8	37.3	25.7	17.5
95°	75.8	56.0	43.1	39.6
97.5°	92.1	74.6	64.1	63.0
100°	111.9	95.6	87.5	86.3
102.5°	135.3	120.1	113.1	110.8
105°	159.7	145.8	138.8	135.3
107.5°	185.4	171.4	164.4	160.9
110°	211.0	198.2	192.4	188.9

TEST NUMBER: P1012596

CATALOG NUMBER: S123RDIP-B560D1195UB35-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
112.5°	236.7	223.9	218.0	214.5
115°	262.4	250.7	243.7	239.0
117.5°	285.7	275.2	269.3	263.5
120°	310.2	298.5	292.7	289.2
122.5°	333.5	320.7	314.8	311.3
125°	354.5	341.6	334.6	332.3
127.5°	373.1	360.3	352.1	348.6
130°	391.8	377.8	367.3	363.8
132.5°	409.3	391.8	380.1	375.5
135°	424.4	406.9	394.1	389.4
137.5°	438.4	419.8	406.9	402.3
140°	451.2	432.6	420.9	415.1
142.5°	462.9	446.6	433.8	429.1
145°	475.7	458.2	447.7	444.3
147.5°	487.4	472.2	461.7	459.4
150°	500.2	485.1	475.7	474.6
152.5°	511.9	499.1	489.7	489.7
155°	523.5	511.9	504.9	504.9
157.5°	534.0	523.5	517.7	516.5
160°	544.5	535.2	530.5	530.5
162.5°	551.5	544.5	541.0	541.0
165°	558.5	552.7	550.4	551.5
167.5°	564.4	559.7	558.5	559.7
170°	569.0	565.5	564.4	566.7
172.5°	572.5	570.2	570.2	571.3
175°	574.8	572.5	573.7	574.8
177.5°	576.0	574.8	576.0	577.2
180°	576.0	576.0	576.0	576.0

(END OF REPORT)