

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: P1032206

Luminaire Tested: S123RDIW-B340D1320UB40-4F0-XX-W2A-A

Issue Date: 5/6/2025

Test Information

Test Method: LM-79-2019
Report Number: P1032206
REPORT IS A COMBINATION OF REPORTS P994235 AND P1007351
Test Lab: INNOVATION CENTER
Issue Date: 5/6/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: NEO-RAY
Catalog Number: S123RDIW-B340D1320UB40-4F0-XX-W2A-A
Description: Define 3 Regressed Direct/Indirect Wall Mount with 4000K BioUP LEDs {m-DER=0.865}
{m-EER=0.951}
Light Source: -
Ballast/Driver: -

Summary

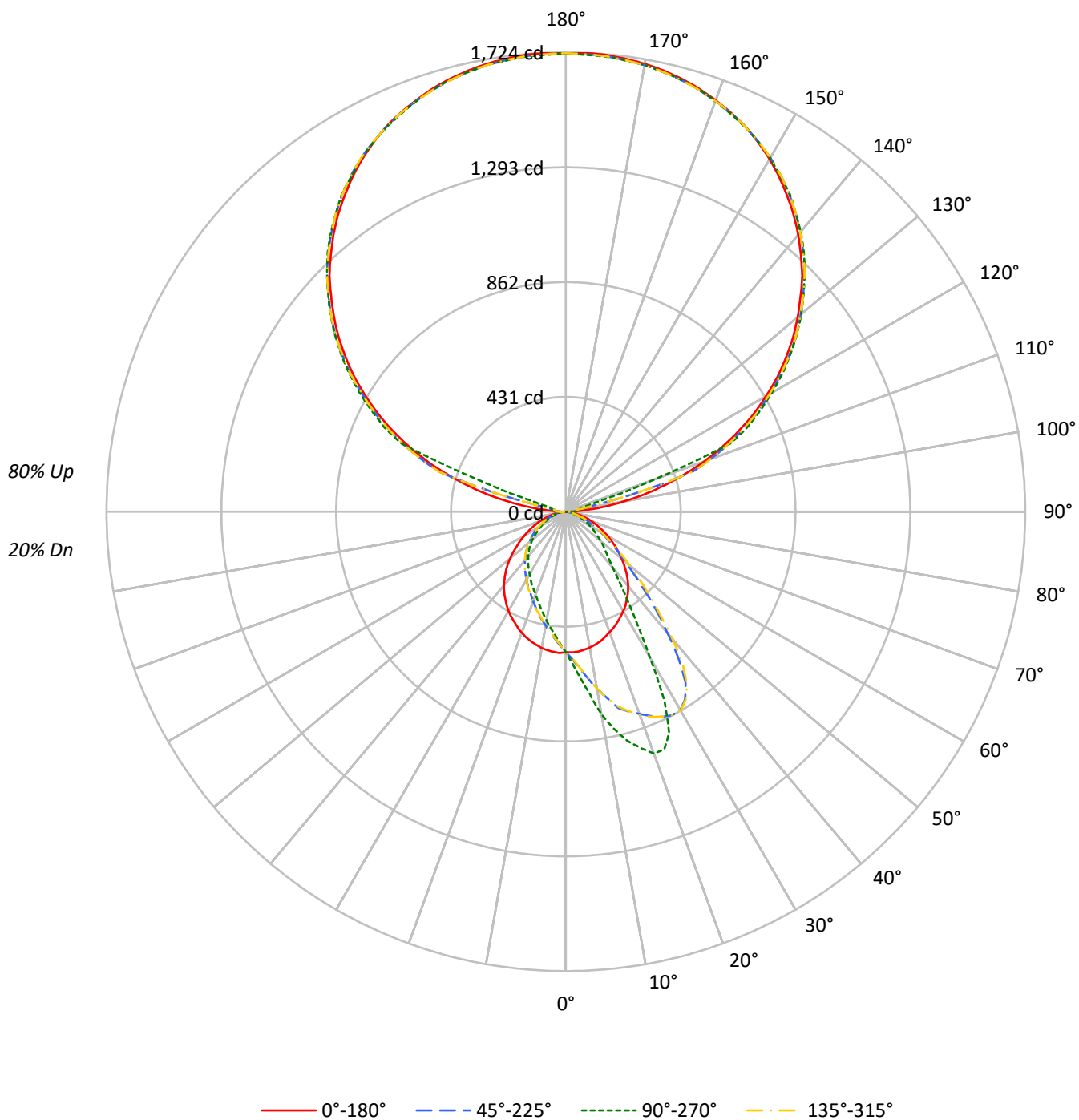
Lumens per Lamp: N/A
Luminaire Lumens: 6564.0 lumens
Efficiency: N/A
Efficacy: 119.1 lumens/watt
Spacing Criteria (0/90/45): 1.22 / 1.2 / 1.34
Luminous Opening: Rectangular w/ Sides (W: 0.25' x L: 4' x H: 0.1')
CIE Type: Semi-Indirect

Input Watts (W): 55.1
Input Voltage (V):
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT

TEST NUMBER: P1032206

CATALOG NUMBER: S123RDIW-B340D1320UB40-4F0-XX-W2A-A

Luminous Intensity Polar Plot



TEST NUMBER: P1032206

CATALOG NUMBER: S123RDIW-B340D1320UB40-4F0-XX-W2A-A

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	100	100	100	100	88	88	88	88	67	67	67	47	47	47	29	29	29	29	29	29
1	91	87	84	80	81	77	74	72	59	57	55	41	40	39	26	25	25	25	25	17
2	83	76	71	66	73	68	63	59	52	48	46	37	35	33	23	22	21	21	21	15
3	76	67	60	55	67	60	54	49	46	42	39	33	30	28	20	19	18	18	18	13
4	70	60	52	47	61	53	47	42	41	36	33	29	26	24	18	17	16	16	16	11
5	64	53	45	40	56	47	41	36	36	32	28	26	23	21	17	15	14	14	14	10
6	59	47	40	34	52	42	36	31	33	28	25	24	21	18	15	13	12	12	12	9
7	54	43	35	30	48	38	32	27	29	25	22	21	18	16	14	12	11	11	11	8
8	50	39	31	26	44	34	28	24	27	22	19	19	17	14	13	11	10	10	10	7
9	47	35	28	23	41	31	25	21	24	20	17	18	15	13	12	10	9	9	9	6
10	43	32	25	21	38	29	23	19	22	18	15	16	14	12	11	9	8	8	8	6

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	5672	5672	5672	5672
5°	5675	6532	5690	4846
10°	5626	7885	5650	4233
15°	5568	8949	5568	3732
20°	5453	9653	5484	3311
25°	5370	9171	5359	3021
30°	5273	6354	5262	2737
35°	5155	4079	5132	2524
40°	5010	2880	4985	2311
45°	4757	2305	4749	2104
50°	4446	1929	4431	1862
55°	4095	1590	4062	1579
60°	3751	1314	3714	1343
65°	3348	1052	3370	1138
70°	2974	730	3057	921
75°	2522	542	2625	707
80°	2009	358	2177	531
85°	1431	171	1556	330

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 30°

Vertical Angle: 45°

Luminance: 7571 cd/sqm

TEST NUMBER: P1032206

CATALOG NUMBER: S123RDIW-B340D1320UB40-4F0-XX-W2A-A

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	51.7	0.8
10°-20°	162.0	2.5
20°-30°	255.1	3.9
30°-40°	265.3	4.0
40°-50°	226.9	3.5
50°-60°	173.0	2.6
60°-70°	110.9	1.7
70°-80°	53.1	0.8
80°-90°	17.4	0.3
90°-100°	60.7	0.9
100°-110°	293.5	4.5
110°-120°	719.3	11.0
120°-130°	913.1	13.9
130°-140°	975.5	14.9
140°-150°	912.2	13.9
150°-160°	735.8	11.2
160°-170°	474.8	7.2
170°-180°	163.6	2.5
0°-30°	468.8	7.1
0°-40°	734.1	11.2
0°-60°	1134.1	17.3
0°-90°	1315.4	20.0
90°-120°	1073.6	16.4
90°-150°	3874.4	59.0
90°-180°	5249.0	80.0
0°-180°	6564.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	527	527	527	527	527	
5°	526	626	528	464	526	50
15°	503	889	503	371	503	141
25°	457	916	456	302	457	211
35°	399	397	397	246	399	250
45°	320	212	320	194	320	247
55°	226	133	224	132	226	203
65°	138	77	139	83	138	138
75°	66	32	69	42	66	72
85°	15	8	16	15	15	17
90°	1	38	1	38	1	5
95°	78	49	78	49	78	93
105°	381	56	381	56	381	404
115°	715	752	715	752	715	706
125°	1008	1028	1008	1028	1008	901
135°	1255	1268	1255	1268	1255	966
145°	1448	1462	1448	1462	1448	906
155°	1595	1592	1595	1592	1595	735
165°	1682	1678	1682	1678	1682	475
175°	1722	1715	1722	1715	1722	164
180°	1722	1722	1722	1722	1722	

TEST NUMBER: P1032206

CATALOG NUMBER: S123RDIW-B340D1320UB40-4F0-XX-W2A-A

CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	526.9	526.9	526.9	526.9	526.9	526.9	526.9	526.9	526.9	526.9	526.9
2.5°	528.2	531.9	534.6	536.4	540.9	543.6	545.8	549.9	549.9	550.8	552.6
5°	526.4	534.1	539.5	546.7	556.2	560.7	567.0	572.5	580.1	584.2	588.2
7.5°	522.4	533.2	544.5	555.3	569.3	578.3	584.6	598.6	608.5	620.7	630.2
10°	517.0	531.9	546.3	563.0	581.9	595.5	604.9	623.4	642.4	659.5	674.0
12.5°	510.2	528.2	549.0	569.3	595.9	609.4	624.8	647.8	674.9	696.5	715.9
15°	503.0	523.7	547.2	572.0	605.4	624.3	646.4	674.4	704.6	735.8	762.4
17.5°	491.7	517.9	544.0	580.1	619.4	630.7	649.6	687.9	725.4	753.4	785.8
20°	480.4	509.8	542.7	575.2	617.6	643.7	661.3	701.9	742.1	775.9	807.0
22.5°	470.1	500.7	535.0	576.1	615.8	641.9	664.0	706.4	752.9	790.8	829.1
25°	457.4	490.8	528.7	567.5	615.8	635.6	660.0	709.1	758.3	802.1	849.4
27.5°	443.9	477.7	515.2	554.9	599.1	628.4	652.3	705.1	765.1	812.0	860.7
30°	430.4	465.1	501.2	536.8	586.4	614.4	641.9	700.1	768.7	822.4	859.8
32.5°	417.3	446.6	482.2	517.0	566.1	596.8	627.9	695.2	770.0	815.2	833.2
35°	399.2	429.9	458.8	495.8	545.4	575.6	612.2	694.7	764.2	792.1	783.1
37.5°	382.5	408.3	435.8	468.7	519.7	558.9	596.8	683.0	744.8	746.6	695.6
40°	364.0	385.2	408.3	443.0	498.0	536.8	577.9	664.9	709.6	683.0	593.2
42.5°	342.8	361.8	379.8	413.7	473.7	517.0	561.2	642.4	658.6	597.3	503.9
45°	320.3	335.6	352.3	388.0	448.0	490.8	535.0	607.6	591.0	504.3	415.5
47.5°	296.8	309.9	326.2	358.6	420.4	464.2	506.1	558.0	515.6	422.7	348.3
50°	273.4	283.7	299.5	332.9	392.5	432.2	471.0	504.8	445.2	362.7	287.8
52.5°	250.4	258.5	274.7	303.1	360.9	398.8	426.7	439.8	379.4	299.5	249.9
55°	226.0	235.0	245.9	274.7	332.0	360.0	378.5	378.0	315.8	254.0	206.6
57.5°	202.5	210.7	220.1	249.0	295.5	314.4	330.2	322.5	263.4	208.0	177.3
60°	181.8	186.3	196.7	221.0	256.2	272.5	281.5	268.4	215.2	175.5	146.6
62.5°	159.2	163.8	172.3	195.3	217.0	225.6	233.2	216.5	177.7	143.0	125.4
65°	138.5	144.4	149.8	168.3	180.0	190.4	189.5	175.5	138.9	116.4	102.0
67.5°	120.4	122.7	127.2	138.5	143.9	151.6	152.0	136.2	111.9	94.7	86.2
70°	101.0	103.3	106.5	111.9	115.5	117.3	116.4	102.4	84.4	74.0	66.3
72.5°	84.4	83.9	86.2	86.2	89.8	89.3	86.6	75.8	64.1	55.5	51.0
75°	66.3	66.8	67.2	66.3	65.0	63.2	60.9	52.8	45.1	41.1	37.0
77.5°	51.9	51.0	51.4	48.3	46.5	44.7	41.5	37.4	31.1	30.2	28.4
80°	37.0	36.5	36.1	34.7	30.7	28.9	26.6	24.4	23.0	22.1	21.7
82.5°	24.8	24.8	23.9	21.2	18.9	17.6	17.1	16.2	14.9	14.9	14.4
85°	14.9	14.4	13.5	10.8	9.5	9.5	9.5	9.5	8.6	8.6	8.1
87.5°	5.9	5.4	4.1	4.1	3.6	3.6	3.6	3.2	3.2	2.7	2.7
90°	1.3	4.1	7.0	9.8	12.7	14.1	15.9	19.6	23.3	27.0	30.7
92.5°	29.4	27.7	26.0	24.3	22.6	21.7	23.0	25.6	28.1	30.7	33.3
95°	78.0	66.4	54.7	43.1	31.4	25.6	27.2	30.3	33.4	36.6	39.7
97.5°	142.0	134.0	126.1	118.1	110.2	106.2	98.9	84.4	69.9	55.4	40.9
100°	216.2	221.9	227.5	233.2	238.9	241.7	219.5	175.2	130.9	86.5	42.2
102.5°	300.6	304.3	308.0	311.7	315.4	317.2	292.5	243.0	193.6	144.1	94.7
105°	381.2	384.3	387.4	390.5	393.6	395.2	382.4	356.8	331.3	305.7	280.1
107.5°	466.9	469.5	472.0	474.6	477.1	478.4	480.5	484.8	489.1	493.3	497.6
110°	552.6	554.9	557.1	559.4	561.7	562.8	564.4	567.5	570.6	573.8	576.9

TEST NUMBER: P1032206

CATALOG NUMBER: S123RDIW-B340D1320UB40-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	634.4	636.4	638.4	640.4	642.4	643.4	645.0	648.1	651.2	654.3	657.4
115°	715.0	716.7	718.4	720.1	721.8	722.7	724.0	726.5	729.1	731.6	734.2
117.5°	794.3	796.3	798.3	800.3	802.3	803.3	804.0	805.4	806.9	808.3	809.7
120°	867.2	869.8	872.3	874.9	877.4	878.7	879.1	880.0	880.9	881.7	882.6
122.5°	941.4	943.4	945.4	947.4	949.4	950.4	951.0	952.1	953.2	954.4	955.5
125°	1007.9	1010.2	1012.4	1014.7	1017.0	1018.1	1018.7	1019.8	1021.0	1022.1	1023.3
127.5°	1074.4	1076.7	1079.0	1081.3	1083.6	1084.7	1085.4	1086.8	1088.3	1089.7	1091.1
130°	1135.8	1138.1	1140.4	1142.7	1145.0	1146.1	1146.7	1147.8	1148.9	1150.1	1151.2
132.5°	1194.7	1197.0	1199.2	1201.5	1203.8	1204.9	1205.3	1206.2	1207.0	1207.9	1208.7
135°	1254.8	1256.5	1258.2	1259.9	1261.6	1262.4	1263.0	1264.1	1265.3	1266.4	1267.6
137.5°	1305.9	1308.2	1310.5	1312.8	1315.1	1316.2	1316.5	1317.0	1317.6	1318.1	1318.7
140°	1357.1	1358.8	1360.5	1362.2	1363.9	1364.8	1365.2	1366.1	1366.9	1367.8	1368.6
142.5°	1404.4	1406.1	1407.8	1409.5	1411.2	1412.1	1412.5	1413.4	1414.2	1415.1	1415.9
145°	1447.9	1449.9	1451.9	1453.9	1455.9	1456.9	1457.2	1457.7	1458.3	1458.8	1459.4
147.5°	1490.1	1491.5	1492.9	1494.4	1495.8	1496.5	1496.8	1497.4	1497.9	1498.5	1499.1
150°	1528.5	1529.3	1530.2	1531.0	1531.9	1532.3	1532.6	1533.2	1533.7	1534.3	1534.9
152.5°	1563.0	1563.3	1563.6	1563.9	1564.2	1564.3	1564.4	1564.7	1565.0	1565.3	1565.6
155°	1595.0	1594.4	1593.9	1593.3	1592.8	1592.5	1592.6	1592.9	1593.2	1593.4	1593.7
157.5°	1620.6	1620.6	1620.6	1620.6	1620.6	1620.6	1620.5	1620.2	1619.9	1619.6	1619.3
160°	1643.6	1643.3	1643.0	1642.7	1642.4	1642.3	1642.2	1641.9	1641.6	1641.4	1641.1
162.5°	1665.4	1664.5	1663.7	1662.8	1661.9	1661.5	1661.4	1661.1	1660.8	1660.5	1660.2
165°	1682.0	1681.2	1680.3	1679.5	1678.6	1678.2	1678.1	1677.8	1677.5	1677.2	1676.9
167.5°	1696.1	1694.9	1693.8	1692.6	1691.5	1690.9	1690.9	1690.9	1690.9	1690.9	1690.9
170°	1707.6	1706.5	1705.3	1704.2	1703.1	1702.5	1702.5	1702.5	1702.5	1702.5	1702.5
172.5°	1715.2	1713.8	1712.4	1710.9	1709.5	1708.8	1708.9	1709.2	1709.5	1709.8	1710.1
175°	1721.6	1720.2	1718.8	1717.3	1715.9	1715.2	1715.3	1715.6	1715.9	1716.2	1716.5
177.5°	1724.2	1722.8	1721.4	1719.9	1718.5	1717.8	1717.9	1718.2	1718.5	1718.8	1719.1
180°	1721.6	1721.6	1721.6	1721.6	1721.6	1721.6	1721.6	1721.6	1721.6	1721.6	1721.6

TEST NUMBER: P1032206

CATALOG NUMBER: S123RDIW-B340D1320UB40-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	526.9	526.9	526.9	526.9	526.9	526.9	526.9	526.9	526.9	526.9	526.9
2.5°	556.2	556.2	560.3	564.3	562.1	563.4	568.4	566.6	570.2	569.8	571.1
5°	598.2	603.1	607.2	615.8	617.1	615.8	624.3	626.6	630.7	625.7	627.9
7.5°	645.5	655.9	665.8	678.5	682.5	683.4	687.9	694.3	699.7	689.7	694.7
10°	691.6	707.3	727.6	738.9	748.8	752.5	756.1	760.1	766.4	772.3	767.8
12.5°	741.2	764.2	783.6	803.9	816.1	814.7	825.1	827.8	832.7	834.1	835.9
15°	781.8	814.3	826.4	856.7	859.4	868.4	880.1	890.5	891.8	889.1	889.1
17.5°	820.6	848.5	870.2	894.6	899.5	907.2	922.1	927.0	928.8	928.4	928.4
20°	852.1	870.6	907.2	927.5	935.6	945.5	955.9	962.2	963.6	965.4	962.7
22.5°	872.9	900.9	930.6	947.3	954.1	957.7	964.5	966.3	964.0	964.5	964.9
25°	889.1	916.7	934.7	939.2	938.8	934.2	929.3	920.7	919.8	916.2	909.0
27.5°	893.6	904.0	901.8	883.3	864.8	863.0	833.2	817.0	798.5	801.2	790.8
30°	869.3	855.8	823.7	776.8	757.4	725.8	692.5	657.7	644.2	629.3	656.8
32.5°	809.7	761.5	704.6	643.7	611.3	583.3	547.6	522.4	507.9	495.8	519.2
35°	720.0	644.6	569.3	511.6	484.9	459.7	426.3	413.7	395.6	397.4	399.7
37.5°	604.5	521.5	464.6	407.8	390.2	379.8	355.5	336.1	329.8	328.0	328.0
40°	496.2	428.1	377.6	332.9	319.4	310.8	291.4	282.4	275.6	273.8	276.1
42.5°	410.5	352.3	313.1	283.3	273.8	263.0	254.9	243.6	242.2	239.1	243.1
45°	344.6	294.1	264.8	243.1	235.0	231.0	221.9	215.2	212.5	212.0	215.2
47.5°	292.3	253.1	227.4	213.8	207.5	203.5	195.8	193.1	190.4	191.3	189.9
50°	245.4	216.1	199.4	187.2	183.2	179.1	174.1	171.4	170.1	170.1	169.6
52.5°	210.7	186.3	175.5	164.2	162.4	160.1	154.7	152.9	150.7	150.2	152.0
55°	180.4	163.8	152.9	146.2	144.4	139.8	137.6	135.3	134.0	133.1	133.5
57.5°	154.3	141.6	134.4	128.6	125.4	123.6	119.5	119.1	118.2	118.2	117.7
60°	132.6	123.6	115.0	111.4	109.2	106.9	106.5	103.8	102.4	103.3	102.9
62.5°	112.3	105.1	100.1	96.1	94.7	92.9	91.6	90.7	89.3	89.8	89.8
65°	93.8	88.0	84.4	80.7	80.3	78.5	78.0	77.1	77.1	76.7	77.6
67.5°	77.1	73.1	69.9	67.7	66.3	66.8	65.0	63.6	63.6	63.2	64.5
70°	61.4	59.1	55.9	53.2	51.4	51.4	49.2	48.7	48.7	48.7	48.3
72.5°	47.4	43.3	42.0	41.1	41.1	41.1	40.1	40.1	39.7	40.1	39.7
75°	35.2	34.7	33.8	33.4	33.4	32.9	32.5	32.5	32.5	32.5	32.5
77.5°	27.5	27.5	26.6	26.2	26.2	26.2	25.7	25.7	25.3	25.3	25.3
80°	20.3	20.3	19.4	19.4	19.4	18.9	18.9	18.9	19.4	18.9	18.9
82.5°	14.0	14.0	13.5	14.0	13.5	13.1	13.1	13.1	12.6	13.1	13.1
85°	8.1	8.1	7.7	7.2	7.7	7.7	7.2	7.7	7.2	7.7	7.2
87.5°	3.2	2.7	2.7	2.7	2.3	2.7	2.3	2.3	2.7	2.3	2.7
90°	31.8	33.0	34.1	35.2	35.8	36.1	36.7	37.2	37.8	38.4	37.8
92.5°	35.3	37.3	39.2	41.2	42.2	42.3	42.6	42.9	43.2	43.5	43.2
95°	41.7	43.7	45.6	47.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6
97.5°	43.2	45.5	47.8	50.1	51.2	51.3	51.6	51.9	52.1	52.4	52.1
100°	44.5	46.7	49.0	51.3	52.4	52.5	52.8	53.1	53.4	53.7	53.4
102.5°	85.3	75.9	66.5	57.1	52.4	52.7	53.3	53.8	54.4	55.0	54.4
105°	229.8	179.5	129.2	78.9	53.7	54.0	54.6	55.1	55.7	56.3	55.7
107.5°	453.8	410.0	366.3	322.5	300.6	282.0	244.7	207.5	170.2	133.0	170.2
110°	567.5	558.1	548.8	539.4	534.7	514.4	473.7	433.0	392.4	351.7	392.4

TEST NUMBER: P1032206

CATALOG NUMBER: S123RDIW-B340D1320UB40-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	660.0	662.6	665.1	667.7	669.0	668.7	668.1	667.6	667.0	666.4	667.0
115°	737.0	739.9	742.7	745.6	747.0	747.6	748.7	749.8	751.0	752.1	751.0
117.5°	812.0	814.2	816.5	818.8	819.9	820.0	820.3	820.6	820.9	821.2	820.9
120°	884.9	887.1	889.4	891.7	892.8	892.8	892.8	892.8	892.8	892.8	892.8
122.5°	956.9	958.3	959.8	961.2	961.9	962.0	962.3	962.6	962.8	963.1	962.8
125°	1023.9	1024.4	1025.0	1025.5	1025.8	1026.1	1026.7	1027.2	1027.8	1028.4	1027.8
127.5°	1091.9	1092.8	1093.6	1094.5	1094.9	1094.6	1094.0	1093.5	1092.9	1092.3	1092.9
130°	1152.3	1153.5	1154.6	1155.7	1156.3	1156.0	1155.4	1154.9	1154.3	1153.7	1154.3
132.5°	1209.8	1211.0	1212.1	1213.2	1213.8	1213.4	1212.5	1211.7	1210.8	1210.0	1210.8
135°	1268.4	1269.3	1270.1	1271.0	1271.4	1271.0	1270.1	1269.3	1268.4	1267.6	1268.4
137.5°	1320.1	1321.5	1323.0	1324.4	1325.1	1324.8	1324.3	1323.7	1323.2	1322.6	1323.2
140°	1369.7	1370.9	1372.0	1373.1	1373.7	1373.4	1372.9	1372.3	1371.8	1371.2	1371.8
142.5°	1416.8	1417.6	1418.5	1419.4	1419.8	1419.4	1418.5	1417.6	1416.8	1415.9	1416.8
145°	1460.0	1460.6	1461.1	1461.7	1462.0	1462.0	1462.0	1462.0	1462.0	1462.0	1462.0
147.5°	1499.7	1500.2	1500.8	1501.3	1501.6	1500.9	1499.5	1498.0	1496.6	1495.2	1496.6
150°	1535.5	1536.1	1536.6	1537.2	1537.5	1537.1	1536.2	1535.3	1534.5	1533.6	1534.5
152.5°	1566.7	1567.9	1569.0	1570.1	1570.7	1570.0	1568.6	1567.1	1565.7	1564.3	1565.7
155°	1595.1	1596.5	1598.0	1599.4	1600.1	1599.3	1597.6	1595.9	1594.2	1592.5	1594.2
157.5°	1621.0	1622.7	1624.4	1626.1	1627.0	1625.9	1623.6	1621.3	1619.1	1616.8	1619.1
160°	1642.8	1644.5	1646.2	1647.9	1648.7	1647.7	1645.7	1643.8	1641.8	1639.8	1641.8
162.5°	1662.2	1664.2	1666.2	1668.2	1669.2	1668.3	1666.6	1664.9	1663.2	1661.5	1663.2
165°	1679.2	1681.4	1683.7	1686.0	1687.1	1686.1	1684.1	1682.2	1680.2	1678.2	1680.2
167.5°	1693.2	1695.5	1697.8	1700.1	1701.2	1700.1	1697.8	1695.5	1693.2	1690.9	1693.2
170°	1704.8	1707.0	1709.3	1711.6	1712.7	1711.6	1709.3	1707.0	1704.8	1702.5	1704.8
172.5°	1712.4	1714.7	1717.0	1719.3	1720.4	1719.1	1716.5	1714.0	1711.4	1708.8	1711.4
175°	1718.5	1720.5	1722.5	1724.5	1725.5	1724.4	1722.1	1719.8	1717.5	1715.2	1717.5
177.5°	1721.4	1723.6	1725.9	1728.2	1729.3	1727.9	1725.0	1722.2	1719.3	1716.5	1719.3
180°	1721.6	1721.6	1721.6	1721.6	1721.6	1721.6	1721.6	1721.6	1721.6	1721.6	1721.6

TEST NUMBER: P1032206

CATALOG NUMBER: S123RDIW-B340D1320UB40-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	526.9	526.9	526.9	526.9	526.9	526.9	526.9	526.9	526.9	526.9	526.9
2.5°	568.8	566.1	564.3	563.0	561.6	565.7	560.3	554.4	550.4	547.6	546.7
5°	628.4	622.5	617.6	613.5	614.4	614.4	604.9	594.6	585.5	580.6	575.2
7.5°	697.4	691.1	681.2	678.9	677.1	665.8	656.4	637.4	626.1	614.9	604.9
10°	766.0	757.9	748.4	745.2	740.7	726.7	712.3	687.9	674.0	653.2	640.1
12.5°	830.0	820.1	810.6	808.4	801.6	789.4	764.6	739.4	715.5	693.4	670.3
15°	883.7	881.0	866.6	857.6	842.7	826.0	820.6	786.3	756.1	733.1	691.6
17.5°	928.8	916.2	902.7	896.8	890.9	871.5	852.1	817.0	784.5	750.6	724.0
20°	964.9	950.9	941.5	932.9	930.2	908.1	877.4	846.3	810.6	772.8	738.0
22.5°	966.7	964.9	958.6	953.6	948.2	933.8	909.4	870.6	832.7	791.2	745.7
25°	929.3	926.6	944.6	940.1	943.7	938.3	925.2	892.7	848.5	799.8	753.8
27.5°	816.5	844.0	872.4	882.4	889.1	908.5	914.9	896.8	861.2	809.3	757.9
30°	663.1	699.7	745.7	770.5	789.4	825.5	872.4	878.3	861.6	820.1	757.0
32.5°	520.6	554.0	591.0	620.3	645.5	719.5	782.7	828.2	836.4	814.7	759.2
35°	419.5	434.0	469.2	497.1	531.4	594.6	669.0	742.5	792.1	794.9	752.5
37.5°	346.0	353.7	384.3	400.1	420.4	475.9	545.4	641.5	718.6	755.2	733.5
40°	286.5	304.0	321.6	330.7	345.1	383.4	450.2	525.5	621.2	688.8	704.2
42.5°	248.6	256.2	267.5	280.1	289.2	322.5	367.2	436.2	522.4	616.7	659.1
45°	219.2	221.9	233.7	241.8	251.3	274.7	306.3	364.0	439.8	532.8	604.9
47.5°	194.9	200.3	206.6	211.6	217.9	235.9	263.0	305.0	371.7	454.7	532.3
50°	173.2	176.4	184.5	186.8	191.3	203.9	224.7	256.7	311.7	378.0	458.3
52.5°	152.9	158.8	161.9	165.1	169.2	179.5	193.1	219.2	260.7	323.0	391.1
55°	137.1	138.9	143.5	146.2	149.3	156.5	168.3	187.7	220.1	269.8	334.3
57.5°	121.8	121.8	126.3	128.6	131.7	137.1	147.5	162.4	185.9	222.8	281.9
60°	105.6	106.0	109.6	112.3	113.2	118.6	127.2	138.9	157.0	184.1	232.3
62.5°	91.1	93.4	95.2	96.1	99.2	102.4	109.6	117.7	130.4	154.3	188.6
65°	78.9	79.4	80.7	81.7	83.0	86.6	92.0	97.4	108.3	125.9	153.8
67.5°	65.0	66.8	68.6	68.6	69.9	71.7	77.1	81.7	89.8	100.1	119.1
70°	48.7	49.6	52.3	53.7	55.5	58.6	61.4	64.1	70.4	78.0	92.5
72.5°	40.6	40.6	41.5	42.0	42.0	44.2	48.3	51.0	54.1	59.5	69.5
75°	32.5	32.5	33.8	33.4	34.3	35.2	35.6	37.4	39.2	43.3	49.2
77.5°	25.7	26.2	26.2	26.6	26.6	27.1	27.5	28.4	29.3	31.6	34.3
80°	18.9	19.4	19.4	19.8	19.8	20.3	20.8	21.2	22.1	23.0	24.4
82.5°	13.1	13.5	13.5	14.0	13.5	14.0	14.4	14.4	14.9	15.8	16.2
85°	7.7	7.7	8.1	7.7	7.7	7.7	8.1	8.1	8.6	9.9	9.9
87.5°	2.3	2.7	2.3	2.7	2.7	2.7	2.7	3.2	3.2	3.6	4.1
90°	37.2	36.7	36.1	35.8	35.2	34.1	33.0	31.8	30.7	27.0	23.3
92.5°	42.9	42.6	42.3	42.2	41.2	39.2	37.3	35.3	33.3	30.7	28.1
95°	48.6	48.6	48.6	48.6	47.6	45.6	43.7	41.7	39.7	36.6	33.4
97.5°	51.9	51.6	51.3	51.2	50.1	47.8	45.5	43.2	40.9	55.4	69.9
100°	53.1	52.8	52.5	52.4	51.3	49.0	46.7	44.5	42.2	86.5	130.9
102.5°	53.8	53.3	52.7	52.4	57.1	66.5	75.9	85.3	94.7	144.1	193.6
105°	55.1	54.6	54.0	53.7	78.9	129.2	179.5	229.8	280.1	305.7	331.3
107.5°	207.5	244.7	282.0	300.6	322.5	366.3	410.0	453.8	497.6	493.3	489.1
110°	433.0	473.7	514.4	534.7	539.4	548.8	558.1	567.5	576.9	573.8	570.6

TEST NUMBER: P1032206

CATALOG NUMBER: S123RDIW-B340D1320UB40-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	667.6	668.1	668.7	669.0	667.7	665.1	662.6	660.0	657.4	654.3	651.2
115°	749.8	748.7	747.6	747.0	745.6	742.7	739.9	737.0	734.2	731.6	729.1
117.5°	820.6	820.3	820.0	819.9	818.8	816.5	814.2	812.0	809.7	808.3	806.9
120°	892.8	892.8	892.8	892.8	891.7	889.4	887.1	884.9	882.6	881.7	880.9
122.5°	962.6	962.3	962.0	961.9	961.2	959.8	958.3	956.9	955.5	954.4	953.2
125°	1027.2	1026.7	1026.1	1025.8	1025.5	1025.0	1024.4	1023.9	1023.3	1022.1	1021.0
127.5°	1093.5	1094.0	1094.6	1094.9	1094.5	1093.6	1092.8	1091.9	1091.1	1089.7	1088.3
130°	1154.9	1155.4	1156.0	1156.3	1155.7	1154.6	1153.5	1152.3	1151.2	1150.1	1148.9
132.5°	1211.7	1212.5	1213.4	1213.8	1213.2	1212.1	1211.0	1209.8	1208.7	1207.9	1207.0
135°	1269.3	1270.1	1271.0	1271.4	1271.0	1270.1	1269.3	1268.4	1267.6	1266.4	1265.3
137.5°	1323.7	1324.3	1324.8	1325.1	1324.4	1323.0	1321.5	1320.1	1318.7	1318.1	1317.6
140°	1372.3	1372.9	1373.4	1373.7	1373.1	1372.0	1370.9	1369.7	1368.6	1367.8	1366.9
142.5°	1417.6	1418.5	1419.4	1419.8	1419.4	1418.5	1417.6	1416.8	1415.9	1415.1	1414.2
145°	1462.0	1462.0	1462.0	1462.0	1461.7	1461.1	1460.6	1460.0	1459.4	1458.8	1458.3
147.5°	1498.0	1499.5	1500.9	1501.6	1501.3	1500.8	1500.2	1499.7	1499.1	1498.5	1497.9
150°	1535.3	1536.2	1537.1	1537.5	1537.2	1536.6	1536.1	1535.5	1534.9	1534.3	1533.7
152.5°	1567.1	1568.6	1570.0	1570.7	1570.1	1569.0	1567.9	1566.7	1565.6	1565.3	1565.0
155°	1595.9	1597.6	1599.3	1600.1	1599.4	1598.0	1596.5	1595.1	1593.7	1593.4	1593.2
157.5°	1621.3	1623.6	1625.9	1627.0	1626.1	1624.4	1622.7	1621.0	1619.3	1619.6	1619.9
160°	1643.8	1645.7	1647.7	1648.7	1647.9	1646.2	1644.5	1642.8	1641.1	1641.4	1641.6
162.5°	1664.9	1666.6	1668.3	1669.2	1668.2	1666.2	1664.2	1662.2	1660.2	1660.5	1660.8
165°	1682.2	1684.1	1686.1	1687.1	1686.0	1683.7	1681.4	1679.2	1676.9	1677.2	1677.5
167.5°	1695.5	1697.8	1700.1	1701.2	1700.1	1697.8	1695.5	1693.2	1690.9	1690.9	1690.9
170°	1707.0	1709.3	1711.6	1712.7	1711.6	1709.3	1707.0	1704.8	1702.5	1702.5	1702.5
172.5°	1714.0	1716.5	1719.1	1720.4	1719.3	1717.0	1714.7	1712.4	1710.1	1709.8	1709.5
175°	1719.8	1722.1	1724.4	1725.5	1724.5	1722.5	1720.5	1718.5	1716.5	1716.2	1715.9
177.5°	1722.2	1725.0	1727.9	1729.3	1728.2	1725.9	1723.6	1721.4	1719.1	1718.8	1718.5
180°	1721.6	1721.6	1721.6	1721.6	1721.6	1721.6	1721.6	1721.6	1721.6	1721.6	1721.6

TEST NUMBER: P1032206

CATALOG NUMBER: S123RDIW-B340D1320UB40-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
0°	526.9	526.9	526.9	526.9	526.9	526.9	526.9	526.9	526.9	526.9	526.9
2.5°	545.4	543.1	540.9	540.9	535.9	531.4	529.2	530.1	527.3	523.7	520.1
5°	569.3	560.3	558.5	553.5	546.7	537.3	532.3	527.8	522.4	515.2	508.4
7.5°	591.4	579.7	573.4	568.4	555.3	542.2	531.4	524.2	514.7	503.9	495.8
10°	620.3	598.6	591.9	580.6	562.1	543.6	531.0	519.2	506.1	493.5	482.7
12.5°	643.3	618.5	605.8	594.6	570.7	547.2	526.0	511.6	495.8	481.8	467.8
15°	669.4	641.5	619.4	605.8	575.6	547.2	523.3	503.0	485.4	468.3	456.1
17.5°	682.1	646.9	637.0	617.6	573.8	545.4	516.1	494.4	473.2	453.4	438.9
20°	701.9	660.9	636.1	623.0	584.2	542.2	507.9	483.1	461.0	439.8	424.5
22.5°	703.3	658.6	642.4	617.6	569.8	532.8	500.7	470.5	444.8	424.9	409.2
25°	700.1	654.6	632.0	612.2	572.5	527.3	486.3	456.5	431.3	408.3	389.8
27.5°	698.8	642.8	621.6	601.8	557.1	511.6	477.7	443.9	415.0	394.7	375.8
30°	697.0	630.2	604.5	581.5	540.4	499.4	458.8	429.5	401.9	376.2	357.3
32.5°	685.2	613.1	586.9	562.5	518.3	477.3	445.2	414.1	384.3	360.4	343.3
35°	681.6	597.3	563.0	536.8	493.5	457.0	423.1	397.4	369.5	345.5	325.2
37.5°	671.3	581.0	544.0	510.7	465.5	430.8	406.0	380.3	353.2	327.5	311.3
40°	653.2	562.1	520.1	485.8	439.4	404.2	381.2	362.2	335.6	312.6	292.8
42.5°	626.6	542.7	497.6	461.5	410.1	377.1	358.2	340.1	317.6	293.7	277.4
45°	595.9	517.0	475.0	434.9	382.5	350.5	330.7	319.8	299.1	278.8	259.8
47.5°	554.0	490.4	448.9	407.4	354.1	323.0	307.2	296.4	281.9	259.8	244.5
50°	501.2	456.1	416.8	379.8	326.2	296.4	280.6	272.5	260.3	244.5	229.6
52.5°	442.5	416.4	383.9	349.6	297.7	269.8	255.3	249.0	240.0	225.1	212.5
55°	383.4	372.2	350.1	316.2	268.0	245.0	232.3	224.2	217.4	206.6	195.8
57.5°	330.7	325.2	309.9	283.7	243.1	219.2	208.4	203.0	197.6	189.5	178.6
60°	276.1	281.9	266.2	253.1	216.1	195.3	185.9	180.0	177.3	170.1	163.3
62.5°	228.7	234.1	225.1	215.2	189.0	170.5	164.7	159.2	157.4	151.1	144.4
65°	185.9	192.6	185.9	180.4	164.7	149.3	142.1	139.4	137.6	133.5	128.1
67.5°	148.0	154.7	151.6	144.8	139.8	127.2	123.2	120.4	119.5	116.4	111.9
70°	111.4	120.9	121.8	117.7	113.2	107.4	104.7	103.8	101.5	98.8	96.1
72.5°	80.3	91.1	91.6	91.6	88.9	88.9	86.2	84.8	84.8	82.1	78.9
75°	59.1	66.3	67.2	68.1	69.5	70.8	69.0	69.0	68.6	65.9	64.5
77.5°	39.2	45.6	47.8	51.0	52.8	52.8	53.7	54.6	53.7	52.3	51.4
80°	25.3	29.8	32.5	34.3	37.0	38.3	39.7	40.1	39.2	38.8	37.4
82.5°	16.7	18.0	19.4	21.7	24.8	27.1	27.1	26.6	27.5	27.1	26.6
85°	9.5	10.4	10.8	11.3	13.1	15.3	15.8	16.2	17.1	16.2	15.3
87.5°	3.6	4.1	4.1	4.1	5.0	5.4	6.8	8.6	8.1	7.2	7.2
90°	19.6	15.9	14.1	12.7	9.8	7.0	4.1	1.3	4.1	7.0	9.8
92.5°	25.6	23.0	21.7	22.6	24.3	26.0	27.7	29.4	27.7	26.0	24.3
95°	30.3	27.2	25.6	31.4	43.1	54.7	66.4	78.0	66.4	54.7	43.1
97.5°	84.4	98.9	106.2	110.2	118.1	126.1	134.0	142.0	134.0	126.1	118.1
100°	175.2	219.5	241.7	238.9	233.2	227.5	221.9	216.2	221.9	227.5	233.2
102.5°	243.0	292.5	317.2	315.4	311.7	308.0	304.3	300.6	304.3	308.0	311.7
105°	356.8	382.4	395.2	393.6	390.5	387.4	384.3	381.2	384.3	387.4	390.5
107.5°	484.8	480.5	478.4	477.1	474.6	472.0	469.5	466.9	469.5	472.0	474.6
110°	567.5	564.4	562.8	561.7	559.4	557.1	554.9	552.6	554.9	557.1	559.4

TEST NUMBER: P1032206

CATALOG NUMBER: S123RDIW-B340D1320UB40-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
112.5°	648.1	645.0	643.4	642.4	640.4	638.4	636.4	634.4	636.4	638.4	640.4
115°	726.5	724.0	722.7	721.8	720.1	718.4	716.7	715.0	716.7	718.4	720.1
117.5°	805.4	804.0	803.3	802.3	800.3	798.3	796.3	794.3	796.3	798.3	800.3
120°	880.0	879.1	878.7	877.4	874.9	872.3	869.8	867.2	869.8	872.3	874.9
122.5°	952.1	951.0	950.4	949.4	947.4	945.4	943.4	941.4	943.4	945.4	947.4
125°	1019.8	1018.7	1018.1	1017.0	1014.7	1012.4	1010.2	1007.9	1010.2	1012.4	1014.7
127.5°	1086.8	1085.4	1084.7	1083.6	1081.3	1079.0	1076.7	1074.4	1076.7	1079.0	1081.3
130°	1147.8	1146.7	1146.1	1145.0	1142.7	1140.4	1138.1	1135.8	1138.1	1140.4	1142.7
132.5°	1206.2	1205.3	1204.9	1203.8	1201.5	1199.2	1197.0	1194.7	1197.0	1199.2	1201.5
135°	1264.1	1263.0	1262.4	1261.6	1259.9	1258.2	1256.5	1254.8	1256.5	1258.2	1259.9
137.5°	1317.0	1316.5	1316.2	1315.1	1312.8	1310.5	1308.2	1305.9	1308.2	1310.5	1312.8
140°	1366.1	1365.2	1364.8	1363.9	1362.2	1360.5	1358.8	1357.1	1358.8	1360.5	1362.2
142.5°	1413.4	1412.5	1412.1	1411.2	1409.5	1407.8	1406.1	1404.4	1406.1	1407.8	1409.5
145°	1457.7	1457.2	1456.9	1455.9	1453.9	1451.9	1449.9	1447.9	1449.9	1451.9	1453.9
147.5°	1497.4	1496.8	1496.5	1495.8	1494.4	1492.9	1491.5	1490.1	1491.5	1492.9	1494.4
150°	1533.2	1532.6	1532.3	1531.9	1531.0	1530.2	1529.3	1528.5	1529.3	1530.2	1531.0
152.5°	1564.7	1564.4	1564.3	1564.2	1563.9	1563.6	1563.3	1563.0	1563.3	1563.6	1563.9
155°	1592.9	1592.6	1592.5	1592.8	1593.3	1593.9	1594.4	1595.0	1594.4	1593.9	1593.3
157.5°	1620.2	1620.5	1620.6	1620.6	1620.6	1620.6	1620.6	1620.6	1620.6	1620.6	1620.6
160°	1641.9	1642.2	1642.3	1642.4	1642.7	1643.0	1643.3	1643.6	1643.3	1643.0	1642.7
162.5°	1661.1	1661.4	1661.5	1661.9	1662.8	1663.7	1664.5	1665.4	1664.5	1663.7	1662.8
165°	1677.8	1678.1	1678.2	1678.6	1679.5	1680.3	1681.2	1682.0	1681.2	1680.3	1679.5
167.5°	1690.9	1690.9	1690.9	1691.5	1692.6	1693.8	1694.9	1696.1	1694.9	1693.8	1692.6
170°	1702.5	1702.5	1702.5	1703.1	1704.2	1705.3	1706.5	1707.6	1706.5	1705.3	1704.2
172.5°	1709.2	1708.9	1708.8	1709.5	1710.9	1712.4	1713.8	1715.2	1713.8	1712.4	1710.9
175°	1715.6	1715.3	1715.2	1715.9	1717.3	1718.8	1720.2	1721.6	1720.2	1718.8	1717.3
177.5°	1718.2	1717.9	1717.8	1718.5	1719.9	1721.4	1722.8	1724.2	1722.8	1721.4	1719.9
180°	1721.6	1721.6	1721.6	1721.6	1721.6	1721.6	1721.6	1721.6	1721.6	1721.6	1721.6

TEST NUMBER: P1032206

CATALOG NUMBER: S123RDIW-B340D1320UB40-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
0°	526.9	526.9	526.9	526.9	526.9	526.9	526.9	526.9	526.9	526.9	526.9
2.5°	520.1	517.9	517.0	514.7	509.3	505.7	501.6	498.9	499.4	497.1	498.5
5°	503.9	503.4	500.3	495.8	488.1	484.0	476.8	473.2	471.4	471.9	469.2
7.5°	490.4	486.3	484.0	476.8	469.6	461.0	455.2	452.0	449.3	446.6	444.8
10°	475.0	471.4	467.8	460.1	450.2	442.1	434.0	430.8	426.7	424.9	423.6
12.5°	458.8	456.5	452.0	443.0	431.7	424.0	414.6	412.8	407.4	403.7	402.8
15°	443.9	442.5	434.4	424.0	412.8	405.1	397.0	391.6	382.5	384.3	381.2
17.5°	428.1	422.2	417.3	403.3	397.9	386.1	376.7	374.0	367.7	363.6	359.5
20°	410.5	406.9	400.6	391.6	378.5	364.9	357.7	353.2	349.6	343.3	341.5
22.5°	393.8	389.3	383.9	372.2	360.9	349.6	339.7	335.6	331.1	326.6	323.9
25°	380.7	374.0	368.1	353.7	342.4	332.9	326.6	319.8	313.5	310.8	309.9
27.5°	360.4	356.4	350.5	337.0	326.6	316.2	310.4	305.9	299.1	295.9	293.2
30°	347.4	339.2	332.5	321.6	311.3	300.0	294.6	289.2	285.1	281.0	277.9
32.5°	329.8	323.4	318.0	307.2	296.8	286.5	280.6	272.5	270.2	267.1	263.4
35°	312.6	308.6	302.7	291.0	279.7	272.5	266.2	258.5	255.8	253.5	250.4
37.5°	296.4	290.5	286.5	275.2	265.3	256.7	251.7	245.4	243.6	240.9	238.6
40°	282.4	276.5	272.5	261.2	250.8	241.8	238.6	232.3	229.6	226.5	225.1
42.5°	266.6	261.6	256.2	248.1	237.3	228.3	221.9	218.3	214.7	213.4	210.7
45°	249.9	245.4	241.3	232.3	221.0	214.7	209.3	204.4	201.6	199.4	197.6
47.5°	235.5	231.4	226.0	216.1	207.1	201.2	195.8	190.8	188.1	185.4	183.2
50°	218.8	216.5	210.7	201.2	192.6	185.9	180.9	176.4	174.6	171.4	167.8
52.5°	203.9	199.8	194.9	187.2	179.5	171.4	164.7	161.9	158.8	157.0	153.8
55°	186.3	183.6	178.2	171.4	163.3	156.5	151.6	148.0	143.9	142.1	138.0
57.5°	171.4	166.5	163.8	155.2	147.5	140.7	137.1	133.5	129.0	126.3	124.5
60°	155.2	150.7	146.6	139.4	134.0	126.8	121.3	118.2	115.0	111.4	109.6
62.5°	139.4	135.8	130.8	125.0	118.2	112.3	108.3	103.8	102.0	98.3	97.0
65°	122.3	119.5	115.5	108.7	103.3	98.3	94.3	90.7	88.9	87.5	86.6
67.5°	106.9	103.3	100.6	94.7	88.9	84.8	82.6	80.3	78.0	76.7	75.3
70°	91.1	88.4	85.7	80.3	76.2	72.6	70.8	69.0	67.7	66.3	65.0
72.5°	74.9	73.5	70.8	67.2	64.1	61.4	60.0	57.7	56.4	54.1	53.2
75°	61.8	59.5	58.2	55.0	52.3	50.1	48.3	45.6	43.8	42.9	42.4
77.5°	48.7	47.8	46.0	43.3	42.0	39.7	37.0	36.1	35.2	35.2	34.7
80°	36.5	35.2	33.8	31.6	30.2	28.4	28.4	28.4	28.0	28.4	28.0
82.5°	24.8	23.9	23.0	21.7	21.2	21.2	21.7	21.7	21.7	21.7	21.7
85°	14.4	14.4	14.4	14.9	14.4	14.4	14.9	15.3	14.9	14.9	14.4
87.5°	6.8	6.8	7.2	7.2	7.7	7.7	7.7	7.7	7.7	7.7	8.1
90°	12.7	14.1	15.9	19.6	23.3	27.0	30.7	31.8	33.0	34.1	35.2
92.5°	22.6	21.7	23.0	25.6	28.1	30.7	33.3	35.3	37.3	39.2	41.2
95°	31.4	25.6	27.2	30.3	33.4	36.6	39.7	41.7	43.7	45.6	47.6
97.5°	110.2	106.2	98.9	84.4	69.9	55.4	40.9	43.2	45.5	47.8	50.1
100°	238.9	241.7	219.5	175.2	130.9	86.5	42.2	44.5	46.7	49.0	51.3
102.5°	315.4	317.2	292.5	243.0	193.6	144.1	94.7	85.3	75.9	66.5	57.1
105°	393.6	395.2	382.4	356.8	331.3	305.7	280.1	229.8	179.5	129.2	78.9
107.5°	477.1	478.4	480.5	484.8	489.1	493.3	497.6	453.8	410.0	366.3	322.5
110°	561.7	562.8	564.4	567.5	570.6	573.8	576.9	567.5	558.1	548.8	539.4

TEST NUMBER: P1032206

CATALOG NUMBER: S123RDIW-B340D1320UB40-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
112.5°	642.4	643.4	645.0	648.1	651.2	654.3	657.4	660.0	662.6	665.1	667.7
115°	721.8	722.7	724.0	726.5	729.1	731.6	734.2	737.0	739.9	742.7	745.6
117.5°	802.3	803.3	804.0	805.4	806.9	808.3	809.7	812.0	814.2	816.5	818.8
120°	877.4	878.7	879.1	880.0	880.9	881.7	882.6	884.9	887.1	889.4	891.7
122.5°	949.4	950.4	951.0	952.1	953.2	954.4	955.5	956.9	958.3	959.8	961.2
125°	1017.0	1018.1	1018.7	1019.8	1021.0	1022.1	1023.3	1023.9	1024.4	1025.0	1025.5
127.5°	1083.6	1084.7	1085.4	1086.8	1088.3	1089.7	1091.1	1091.9	1092.8	1093.6	1094.5
130°	1145.0	1146.1	1146.7	1147.8	1148.9	1150.1	1151.2	1152.3	1153.5	1154.6	1155.7
132.5°	1203.8	1204.9	1205.3	1206.2	1207.0	1207.9	1208.7	1209.8	1211.0	1212.1	1213.2
135°	1261.6	1262.4	1263.0	1264.1	1265.3	1266.4	1267.6	1268.4	1269.3	1270.1	1271.0
137.5°	1315.1	1316.2	1316.5	1317.0	1317.6	1318.1	1318.7	1320.1	1321.5	1323.0	1324.4
140°	1363.9	1364.8	1365.2	1366.1	1366.9	1367.8	1368.6	1369.7	1370.9	1372.0	1373.1
142.5°	1411.2	1412.1	1412.5	1413.4	1414.2	1415.1	1415.9	1416.8	1417.6	1418.5	1419.4
145°	1455.9	1456.9	1457.2	1457.7	1458.3	1458.8	1459.4	1460.0	1460.6	1461.1	1461.7
147.5°	1495.8	1496.5	1496.8	1497.4	1497.9	1498.5	1499.1	1499.7	1500.2	1500.8	1501.3
150°	1531.9	1532.3	1532.6	1533.2	1533.7	1534.3	1534.9	1535.5	1536.1	1536.6	1537.2
152.5°	1564.2	1564.3	1564.4	1564.7	1565.0	1565.3	1565.6	1566.7	1567.9	1569.0	1570.1
155°	1592.8	1592.5	1592.6	1592.9	1593.2	1593.4	1593.7	1595.1	1596.5	1598.0	1599.4
157.5°	1620.6	1620.6	1620.5	1620.2	1619.9	1619.6	1619.3	1621.0	1622.7	1624.4	1626.1
160°	1642.4	1642.3	1642.2	1641.9	1641.6	1641.4	1641.1	1642.8	1644.5	1646.2	1647.9
162.5°	1661.9	1661.5	1661.4	1661.1	1660.8	1660.5	1660.2	1662.2	1664.2	1666.2	1668.2
165°	1678.6	1678.2	1678.1	1677.8	1677.5	1677.2	1676.9	1679.2	1681.4	1683.7	1686.0
167.5°	1691.5	1690.9	1690.9	1690.9	1690.9	1690.9	1690.9	1693.2	1695.5	1697.8	1700.1
170°	1703.1	1702.5	1702.5	1702.5	1702.5	1702.5	1702.5	1704.8	1707.0	1709.3	1711.6
172.5°	1709.5	1708.8	1708.9	1709.2	1709.5	1709.8	1710.1	1712.4	1714.7	1717.0	1719.3
175°	1715.9	1715.2	1715.3	1715.6	1715.9	1716.2	1716.5	1718.5	1720.5	1722.5	1724.5
177.5°	1718.5	1717.8	1717.9	1718.2	1718.5	1718.8	1719.1	1721.4	1723.6	1725.9	1728.2
180°	1721.6	1721.6	1721.6	1721.6	1721.6	1721.6	1721.6	1721.6	1721.6	1721.6	1721.6

TEST NUMBER: P1032206

CATALOG NUMBER: S123RDIW-B340D1320UB40-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
0°	526.9	526.9	526.9	526.9	526.9	526.9	526.9	526.9	526.9	526.9	526.9
2.5°	498.0	498.5	497.1	494.4	494.0	494.9	497.6	496.7	494.4	498.5	494.9
5°	470.5	468.3	467.3	468.3	465.5	464.2	466.9	465.5	466.9	467.3	468.7
7.5°	443.9	444.3	441.6	442.1	438.5	439.4	439.4	439.4	440.7	441.6	443.4
10°	420.9	421.8	418.6	419.1	416.4	414.6	415.9	418.6	418.6	418.6	419.5
12.5°	402.4	398.3	396.1	395.6	392.5	391.6	394.3	395.2	397.4	397.4	398.8
15°	379.4	378.5	376.7	376.7	369.0	370.8	371.7	374.9	379.4	375.8	376.7
17.5°	358.6	356.4	354.1	353.2	352.3	349.6	353.2	352.8	355.5	355.9	357.3
20°	340.1	338.3	333.8	334.3	335.2	331.1	333.4	333.4	336.1	338.8	341.9
22.5°	322.1	320.3	318.0	318.9	316.2	315.3	315.3	317.6	320.7	323.0	322.5
25°	308.1	305.0	303.6	302.2	300.9	301.8	300.4	302.7	305.0	306.3	305.0
27.5°	292.3	291.0	288.3	286.9	284.7	285.6	286.5	288.3	289.6	289.6	291.0
30°	277.0	275.2	274.3	272.9	272.9	271.1	271.6	273.4	274.7	276.1	277.9
32.5°	262.1	260.7	259.4	259.4	258.5	258.0	257.6	260.3	260.3	263.0	263.0
35°	249.9	247.7	247.7	245.4	246.3	245.9	245.0	246.8	247.2	249.0	248.6
37.5°	236.4	236.4	235.5	233.2	231.4	231.9	234.1	234.1	235.5	235.0	236.4
40°	222.8	221.9	221.9	220.6	220.1	219.7	220.1	220.6	222.8	222.4	222.8
42.5°	209.3	209.8	207.5	207.5	207.5	206.2	206.6	207.1	208.0	208.9	210.2
45°	196.2	195.3	194.9	194.0	193.1	193.5	193.1	194.9	194.4	195.3	196.7
47.5°	182.2	180.9	180.4	178.6	178.6	179.5	179.1	180.4	180.9	182.2	181.3
50°	168.7	166.9	165.6	166.0	163.3	164.2	164.2	165.6	166.9	167.4	168.3
52.5°	152.9	152.5	152.0	149.8	149.3	148.9	149.3	149.8	151.6	152.9	153.4
55°	137.6	137.1	134.4	133.5	132.2	132.2	133.1	133.5	136.7	137.1	138.9
57.5°	123.6	122.3	119.1	118.6	118.6	118.6	117.3	119.1	120.0	122.3	122.3
60°	108.3	108.3	105.6	105.6	106.0	105.6	105.6	106.0	106.0	107.8	108.7
62.5°	96.1	95.6	95.6	94.7	94.3	94.7	94.3	94.3	94.7	96.1	97.4
65°	85.3	84.8	84.4	83.9	83.0	83.0	83.5	84.4	84.4	85.3	85.7
67.5°	74.9	74.9	74.0	74.0	73.5	73.1	73.5	73.1	74.9	74.9	75.3
70°	64.5	64.1	62.7	62.3	60.9	61.4	61.4	62.7	63.2	64.1	65.0
72.5°	51.9	51.9	51.0	50.1	50.5	49.6	49.6	50.1	50.1	51.4	51.9
75°	42.9	42.0	41.5	42.0	41.5	42.4	41.5	41.5	42.4	42.4	42.4
77.5°	35.2	35.2	34.7	34.7	35.2	34.7	35.2	35.2	35.2	34.7	35.2
80°	28.9	28.4	28.4	28.4	28.0	28.0	28.0	28.0	28.0	28.0	28.0
82.5°	21.7	21.7	21.2	21.7	21.7	21.2	21.7	21.2	21.2	21.7	21.7
85°	14.4	15.3	14.4	14.4	14.9	14.9	15.3	14.9	15.3	14.4	14.9
87.5°	7.7	8.1	8.1	7.7	7.7	8.1	8.1	8.1	8.6	7.7	8.1
90°	35.8	36.1	36.7	37.2	37.8	38.4	37.8	37.2	36.7	36.1	35.8
92.5°	42.2	42.3	42.6	42.9	43.2	43.5	43.2	42.9	42.6	42.3	42.2
95°	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6
97.5°	51.2	51.3	51.6	51.9	52.1	52.4	52.1	51.9	51.6	51.3	51.2
100°	52.4	52.5	52.8	53.1	53.4	53.7	53.4	53.1	52.8	52.5	52.4
102.5°	52.4	52.7	53.3	53.8	54.4	55.0	54.4	53.8	53.3	52.7	52.4
105°	53.7	54.0	54.6	55.1	55.7	56.3	55.7	55.1	54.6	54.0	53.7
107.5°	300.6	282.0	244.7	207.5	170.2	133.0	170.2	207.5	244.7	282.0	300.6
110°	534.7	514.4	473.7	433.0	392.4	351.7	392.4	433.0	473.7	514.4	534.7

TEST NUMBER: P1032206

CATALOG NUMBER: S123RDIW-B340D1320UB40-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
112.5°	669.0	668.7	668.1	667.6	667.0	666.4	667.0	667.6	668.1	668.7	669.0
115°	747.0	747.6	748.7	749.8	751.0	752.1	751.0	749.8	748.7	747.6	747.0
117.5°	819.9	820.0	820.3	820.6	820.9	821.2	820.9	820.6	820.3	820.0	819.9
120°	892.8	892.8	892.8	892.8	892.8	892.8	892.8	892.8	892.8	892.8	892.8
122.5°	961.9	962.0	962.3	962.6	962.8	963.1	962.8	962.6	962.3	962.0	961.9
125°	1025.8	1026.1	1026.7	1027.2	1027.8	1028.4	1027.8	1027.2	1026.7	1026.1	1025.8
127.5°	1094.9	1094.6	1094.0	1093.5	1092.9	1092.3	1092.9	1093.5	1094.0	1094.6	1094.9
130°	1156.3	1156.0	1155.4	1154.9	1154.3	1153.7	1154.3	1154.9	1155.4	1156.0	1156.3
132.5°	1213.8	1213.4	1212.5	1211.7	1210.8	1210.0	1210.8	1211.7	1212.5	1213.4	1213.8
135°	1271.4	1271.0	1270.1	1269.3	1268.4	1267.6	1268.4	1269.3	1270.1	1271.0	1271.4
137.5°	1325.1	1324.8	1324.3	1323.7	1323.2	1322.6	1323.2	1323.7	1324.3	1324.8	1325.1
140°	1373.7	1373.4	1372.9	1372.3	1371.8	1371.2	1371.8	1372.3	1372.9	1373.4	1373.7
142.5°	1419.8	1419.4	1418.5	1417.6	1416.8	1415.9	1416.8	1417.6	1418.5	1419.4	1419.8
145°	1462.0	1462.0	1462.0	1462.0	1462.0	1462.0	1462.0	1462.0	1462.0	1462.0	1462.0
147.5°	1501.6	1500.9	1499.5	1498.0	1496.6	1495.2	1496.6	1498.0	1499.5	1500.9	1501.6
150°	1537.5	1537.1	1536.2	1535.3	1534.5	1533.6	1534.5	1535.3	1536.2	1537.1	1537.5
152.5°	1570.7	1570.0	1568.6	1567.1	1565.7	1564.3	1565.7	1567.1	1568.6	1570.0	1570.7
155°	1600.1	1599.3	1597.6	1595.9	1594.2	1592.5	1594.2	1595.9	1597.6	1599.3	1600.1
157.5°	1627.0	1625.9	1623.6	1621.3	1619.1	1616.8	1619.1	1621.3	1623.6	1625.9	1627.0
160°	1648.7	1647.7	1645.7	1643.8	1641.8	1639.8	1641.8	1643.8	1645.7	1647.7	1648.7
162.5°	1669.2	1668.3	1666.6	1664.9	1663.2	1661.5	1663.2	1664.9	1666.6	1668.3	1669.2
165°	1687.1	1686.1	1684.1	1682.2	1680.2	1678.2	1680.2	1682.2	1684.1	1686.1	1687.1
167.5°	1701.2	1700.1	1697.8	1695.5	1693.2	1690.9	1693.2	1695.5	1697.8	1700.1	1701.2
170°	1712.7	1711.6	1709.3	1707.0	1704.8	1702.5	1704.8	1707.0	1709.3	1711.6	1712.7
172.5°	1720.4	1719.1	1716.5	1714.0	1711.4	1708.8	1711.4	1714.0	1716.5	1719.1	1720.4
175°	1725.5	1724.4	1722.1	1719.8	1717.5	1715.2	1717.5	1719.8	1722.1	1724.4	1725.5
177.5°	1729.3	1727.9	1725.0	1722.2	1719.3	1716.5	1719.3	1722.2	1725.0	1727.9	1729.3
180°	1721.6	1721.6	1721.6	1721.6	1721.6	1721.6	1721.6	1721.6	1721.6	1721.6	1721.6

TEST NUMBER: P1032206

CATALOG NUMBER: S123RDIW-B340D1320UB40-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
0°	526.9	526.9	526.9	526.9	526.9	526.9	526.9	526.9	526.9	526.9	526.9
2.5°	498.5	500.3	498.5	494.9	498.5	500.7	503.0	506.6	508.4	508.4	511.1
5°	470.1	473.7	472.3	471.4	475.0	477.3	480.9	485.4	490.4	493.5	497.1
7.5°	444.8	447.0	449.3	449.3	452.9	457.9	463.3	468.7	475.0	479.5	482.2
10°	422.7	424.5	425.8	427.7	433.1	438.5	445.7	452.5	457.9	462.8	467.3
12.5°	401.5	404.2	407.4	408.7	412.8	419.5	426.3	434.4	443.0	448.0	452.5
15°	381.2	382.5	386.1	390.2	393.8	401.0	409.6	418.2	425.4	433.1	437.1
17.5°	360.4	360.9	370.4	368.1	379.8	386.6	391.1	399.2	411.0	417.3	423.6
20°	340.1	344.6	348.7	351.0	357.3	364.9	378.0	384.3	393.8	399.7	405.1
22.5°	324.3	331.1	331.1	336.5	339.7	346.9	356.4	368.6	378.9	383.0	390.7
25°	310.4	313.5	318.9	320.7	326.6	332.9	339.2	352.3	363.6	369.0	374.4
27.5°	292.3	296.4	303.6	303.6	311.3	318.0	325.7	334.3	345.5	353.2	359.1
30°	278.3	282.4	285.6	290.5	293.7	300.0	313.5	319.8	329.8	336.5	343.7
32.5°	265.3	268.4	271.1	276.5	280.1	287.4	294.6	305.9	314.4	320.7	328.4
35°	250.8	254.0	257.6	261.6	267.1	273.8	280.6	290.1	298.6	304.5	310.8
37.5°	237.3	239.5	245.0	247.7	252.2	258.5	267.1	277.0	284.7	289.2	295.5
40°	224.2	226.0	230.1	235.0	238.2	243.1	252.2	260.7	270.2	275.6	280.6
42.5°	210.2	212.5	216.1	221.0	226.0	231.4	236.4	246.3	254.9	259.4	264.8
45°	198.0	199.4	202.1	207.1	212.0	216.1	223.8	232.8	240.9	244.5	250.4
47.5°	183.6	185.0	189.0	191.3	196.7	202.1	209.8	218.8	226.0	229.6	235.0
50°	168.7	170.1	172.8	177.7	181.3	187.2	194.0	201.6	210.7	215.6	218.8
52.5°	154.3	157.0	159.2	163.3	167.8	173.7	180.0	187.2	194.9	199.8	203.5
55°	139.8	142.1	144.8	147.1	152.5	157.9	165.1	171.9	178.6	183.2	187.2
57.5°	123.6	126.8	129.5	134.0	138.0	142.6	150.7	156.1	164.2	167.4	171.0
60°	109.6	112.8	115.0	118.6	122.3	128.1	133.5	140.3	147.1	151.1	155.6
62.5°	97.9	99.2	100.6	104.2	107.8	113.2	118.6	125.4	132.6	134.9	138.5
65°	86.2	87.5	89.8	92.9	95.6	98.8	104.7	110.1	116.8	120.4	121.8
67.5°	76.2	77.6	78.0	80.3	82.6	86.2	89.3	94.7	101.0	103.3	106.0
70°	65.0	67.2	67.7	69.5	70.4	72.6	76.2	80.3	85.3	89.3	91.6
72.5°	51.9	55.0	55.9	58.6	60.0	62.3	65.0	68.1	71.3	73.1	74.9
75°	42.4	43.3	43.8	46.0	48.3	51.4	52.8	54.6	57.3	59.5	61.4
77.5°	35.2	35.6	36.1	36.1	36.5	38.3	41.1	43.3	45.1	46.0	47.4
80°	28.4	28.0	28.0	28.4	28.4	28.4	29.3	32.5	33.4	35.6	35.2
82.5°	22.1	21.2	21.7	21.2	21.2	21.2	21.2	21.7	21.7	23.0	23.9
85°	14.4	14.9	14.4	14.4	14.0	14.4	14.0	14.0	13.5	13.5	13.1
87.5°	7.7	8.1	7.7	7.7	7.2	7.7	7.2	7.2	6.8	6.8	5.9
90°	35.2	34.1	33.0	31.8	30.7	27.0	23.3	19.6	15.9	14.1	12.7
92.5°	41.2	39.2	37.3	35.3	33.3	30.7	28.1	25.6	23.0	21.7	22.6
95°	47.6	45.6	43.7	41.7	39.7	36.6	33.4	30.3	27.2	25.6	31.4
97.5°	50.1	47.8	45.5	43.2	40.9	55.4	69.9	84.4	98.9	106.2	110.2
100°	51.3	49.0	46.7	44.5	42.2	86.5	130.9	175.2	219.5	241.7	238.9
102.5°	57.1	66.5	75.9	85.3	94.7	144.1	193.6	243.0	292.5	317.2	315.4
105°	78.9	129.2	179.5	229.8	280.1	305.7	331.3	356.8	382.4	395.2	393.6
107.5°	322.5	366.3	410.0	453.8	497.6	493.3	489.1	484.8	480.5	478.4	477.1
110°	539.4	548.8	558.1	567.5	576.9	573.8	570.6	567.5	564.4	562.8	561.7



TEST NUMBER: P1032206

CATALOG NUMBER: S123RDIW-B340D1320UB40-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
112.5°	667.7	665.1	662.6	660.0	657.4	654.3	651.2	648.1	645.0	643.4	642.4
115°	745.6	742.7	739.9	737.0	734.2	731.6	729.1	726.5	724.0	722.7	721.8
117.5°	818.8	816.5	814.2	812.0	809.7	808.3	806.9	805.4	804.0	803.3	802.3
120°	891.7	889.4	887.1	884.9	882.6	881.7	880.9	880.0	879.1	878.7	877.4
122.5°	961.2	959.8	958.3	956.9	955.5	954.4	953.2	952.1	951.0	950.4	949.4
125°	1025.5	1025.0	1024.4	1023.9	1023.3	1022.1	1021.0	1019.8	1018.7	1018.1	1017.0
127.5°	1094.5	1093.6	1092.8	1091.9	1091.1	1089.7	1088.3	1086.8	1085.4	1084.7	1083.6
130°	1155.7	1154.6	1153.5	1152.3	1151.2	1150.1	1148.9	1147.8	1146.7	1146.1	1145.0
132.5°	1213.2	1212.1	1211.0	1209.8	1208.7	1207.9	1207.0	1206.2	1205.3	1204.9	1203.8
135°	1271.0	1270.1	1269.3	1268.4	1267.6	1266.4	1265.3	1264.1	1263.0	1262.4	1261.6
137.5°	1324.4	1323.0	1321.5	1320.1	1318.7	1318.1	1317.6	1317.0	1316.5	1316.2	1315.1
140°	1373.1	1372.0	1370.9	1369.7	1368.6	1367.8	1366.9	1366.1	1365.2	1364.8	1363.9
142.5°	1419.4	1418.5	1417.6	1416.8	1415.9	1415.1	1414.2	1413.4	1412.5	1412.1	1411.2
145°	1461.7	1461.1	1460.6	1460.0	1459.4	1458.8	1458.3	1457.7	1457.2	1456.9	1455.9
147.5°	1501.3	1500.8	1500.2	1499.7	1499.1	1498.5	1497.9	1497.4	1496.8	1496.5	1495.8
150°	1537.2	1536.6	1536.1	1535.5	1534.9	1534.3	1533.7	1533.2	1532.6	1532.3	1531.9
152.5°	1570.1	1569.0	1567.9	1566.7	1565.6	1565.3	1565.0	1564.7	1564.4	1564.3	1564.2
155°	1599.4	1598.0	1596.5	1595.1	1593.7	1593.4	1593.2	1592.9	1592.6	1592.5	1592.8
157.5°	1626.1	1624.4	1622.7	1621.0	1619.3	1619.6	1619.9	1620.2	1620.5	1620.6	1620.6
160°	1647.9	1646.2	1644.5	1642.8	1641.1	1641.4	1641.6	1641.9	1642.2	1642.3	1642.4
162.5°	1668.2	1666.2	1664.2	1662.2	1660.2	1660.5	1660.8	1661.1	1661.4	1661.5	1661.9
165°	1686.0	1683.7	1681.4	1679.2	1676.9	1677.2	1677.5	1677.8	1678.1	1678.2	1678.6
167.5°	1700.1	1697.8	1695.5	1693.2	1690.9	1690.9	1690.9	1690.9	1690.9	1690.9	1691.5
170°	1711.6	1709.3	1707.0	1704.8	1702.5	1702.5	1702.5	1702.5	1702.5	1702.5	1703.1
172.5°	1719.3	1717.0	1714.7	1712.4	1710.1	1709.8	1709.5	1709.2	1708.9	1708.8	1709.5
175°	1724.5	1722.5	1720.5	1718.5	1716.5	1716.2	1715.9	1715.6	1715.3	1715.2	1715.9
177.5°	1728.2	1725.9	1723.6	1721.4	1719.1	1718.8	1718.5	1718.2	1717.9	1717.8	1718.5
180°	1721.6	1721.6	1721.6	1721.6	1721.6	1721.6	1721.6	1721.6	1721.6	1721.6	1721.6

TEST NUMBER: P1032206

CATALOG NUMBER: S123RDIW-B340D1320UB40-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
0°	526.9	526.9	526.9	526.9
2.5°	513.4	516.5	522.8	528.2
5°	502.5	507.5	517.0	526.4
7.5°	489.5	497.1	509.3	522.4
10°	476.8	486.7	501.6	517.0
12.5°	464.2	474.6	490.4	510.2
15°	449.3	460.1	479.1	503.0
17.5°	436.2	450.7	467.8	491.7
20°	422.2	433.1	455.2	480.4
22.5°	404.6	422.7	443.4	470.1
25°	390.7	406.4	427.2	457.4
27.5°	373.5	392.0	417.3	443.9
30°	359.5	374.9	398.3	430.4
32.5°	343.3	361.3	385.7	417.3
35°	328.9	344.2	367.2	399.2
37.5°	311.7	328.4	354.1	382.5
40°	296.8	313.1	337.4	364.0
42.5°	278.8	295.9	320.3	342.8
45°	264.4	280.1	299.5	320.3
47.5°	246.8	263.4	282.4	296.8
50°	231.0	246.3	261.2	273.4
52.5°	213.8	227.8	241.3	250.4
55°	198.0	208.9	219.7	226.0
57.5°	179.5	189.9	198.9	202.5
60°	163.3	171.9	177.7	181.8
62.5°	146.2	152.5	157.0	159.2
65°	129.5	134.0	136.2	138.5
67.5°	112.3	116.4	117.7	120.4
70°	94.3	98.8	99.7	101.0
72.5°	80.7	80.7	82.6	84.4
75°	64.5	65.4	66.3	66.3
77.5°	50.5	50.5	51.4	51.9
80°	37.0	37.4	37.4	37.0
82.5°	25.3	26.2	25.3	24.8
85°	14.0	15.8	14.9	14.9
87.5°	5.9	5.9	6.8	5.9
90°	9.8	7.0	4.1	1.3
92.5°	24.3	26.0	27.7	29.4
95°	43.1	54.7	66.4	78.0
97.5°	118.1	126.1	134.0	142.0
100°	233.2	227.5	221.9	216.2
102.5°	311.7	308.0	304.3	300.6
105°	390.5	387.4	384.3	381.2
107.5°	474.6	472.0	469.5	466.9
110°	559.4	557.1	554.9	552.6

TEST NUMBER: P1032206

CATALOG NUMBER: S123RDIW-B340D1320UB40-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
112.5°	640.4	638.4	636.4	634.4
115°	720.1	718.4	716.7	715.0
117.5°	800.3	798.3	796.3	794.3
120°	874.9	872.3	869.8	867.2
122.5°	947.4	945.4	943.4	941.4
125°	1014.7	1012.4	1010.2	1007.9
127.5°	1081.3	1079.0	1076.7	1074.4
130°	1142.7	1140.4	1138.1	1135.8
132.5°	1201.5	1199.2	1197.0	1194.7
135°	1259.9	1258.2	1256.5	1254.8
137.5°	1312.8	1310.5	1308.2	1305.9
140°	1362.2	1360.5	1358.8	1357.1
142.5°	1409.5	1407.8	1406.1	1404.4
145°	1453.9	1451.9	1449.9	1447.9
147.5°	1494.4	1492.9	1491.5	1490.1
150°	1531.0	1530.2	1529.3	1528.5
152.5°	1563.9	1563.6	1563.3	1563.0
155°	1593.3	1593.9	1594.4	1595.0
157.5°	1620.6	1620.6	1620.6	1620.6
160°	1642.7	1643.0	1643.3	1643.6
162.5°	1662.8	1663.7	1664.5	1665.4
165°	1679.5	1680.3	1681.2	1682.0
167.5°	1692.6	1693.8	1694.9	1696.1
170°	1704.2	1705.3	1706.5	1707.6
172.5°	1710.9	1712.4	1713.8	1715.2
175°	1717.3	1718.8	1720.2	1721.6
177.5°	1719.9	1721.4	1722.8	1724.2
180°	1721.6	1721.6	1721.6	1721.6

(END OF REPORT)