

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: P1036058

Luminaire Tested: S125RDIW-B610D770UB40-4F0-XX-W2A-A

Issue Date: 5/6/2025

Test Information

Test Method: LM-79-2019
Report Number: P1036058
REPORT IS A COMBINATION OF REPORTS P1006787 AND P1007351
Test Lab: INNOVATION CENTER
Issue Date: 5/6/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: NEO-RAY
Catalog Number: S125RDIW-B610D770UB40-4F0-XX-W2A-A
Description: Define 5 Regressed Direct/Indirect Wall Mount with 4000K BioUP LEDs {m-DER=0.865}
{m-EER=0.951}
Light Source: -
Ballast/Driver: -

Summary

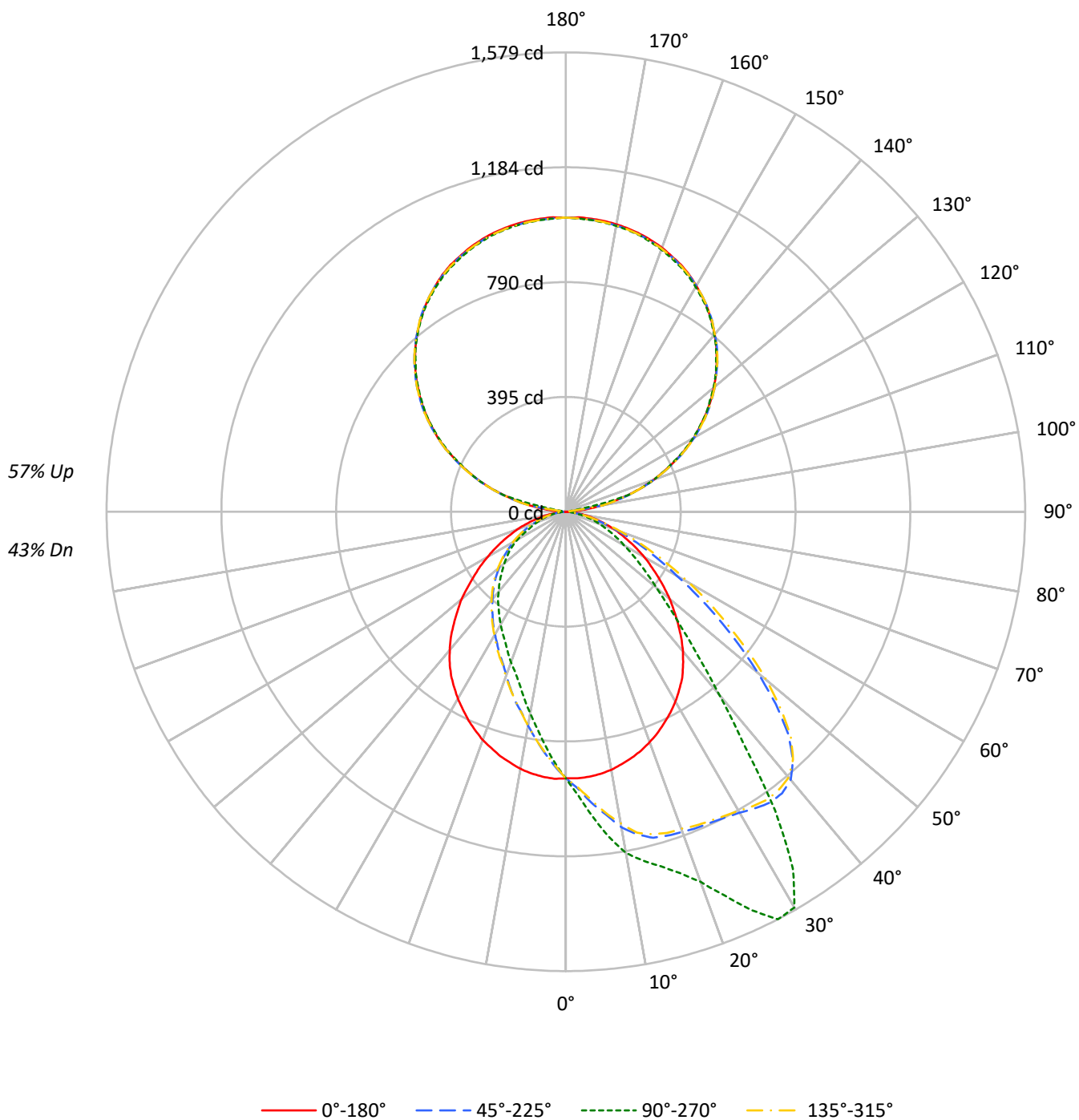
Lumens per Lamp: N/A
Luminaire Lumens: 5481.0 lumens
Efficiency: N/A
Efficacy: 116.1 lumens/watt
Spacing Criteria (0/90/45): 1.21 / 1.4 / 1.47
Luminous Opening: Rectangular w/ Sides (W: 0.42' x L: 4' x H: 0.1')
CIE Type: General Diffuse

Input Watts (W): 47.2
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



TEST NUMBER: P1036058

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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	106	106	106	106	97	97	97	97	80	80	80	64	64	64	50	50	50
1	97	93	89	86	88	85	82	79	70	68	66	57	56	54	45	44	43
2	88	81	75	70	81	75	69	65	62	58	55	50	48	46	40	38	37
3	81	72	65	59	74	66	60	55	55	50	47	45	42	39	36	33	32
4	74	64	56	50	67	58	52	47	49	44	40	40	37	34	32	29	27
5	68	57	49	43	62	52	45	40	44	39	35	36	32	29	29	26	24
6	63	51	43	37	57	47	40	35	40	34	30	33	29	26	26	23	21
7	58	46	38	33	53	42	36	31	36	31	27	30	26	23	24	21	19
8	54	42	34	29	49	39	32	27	33	27	24	27	23	20	22	19	17
9	50	38	31	26	46	35	29	24	30	25	21	25	21	18	20	17	15
10	47	35	28	23	43	32	26	22	28	23	19	23	19	16	19	16	14

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	5871	5871	5871	5871
5°	5866	6617	5866	5086
10°	5833	7436	5813	4397
15°	5770	7866	5730	3828
20°	5693	8492	5643	3460
25°	5594	9613	5530	3140
30°	5492	10217	5410	2911
35°	5361	8403	5286	2698
40°	5127	5706	5085	2507
45°	4821	4102	4815	2318
50°	4508	3155	4529	2144
55°	4155	2565	4146	1976
60°	3826	2102	3808	1754
65°	3442	1751	3463	1412
70°	3125	1405	3111	1176
75°	2640	1066	2640	966
80°	2139	650	2117	650
85°	1504	342	1464	387

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 135°

Vertical Angle: 45°

Luminance: 8357 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	87.9	1.6
10°-20°	257.6	4.7
20°-30°	408.5	7.5
30°-40°	493.6	9.0
40°-50°	439.4	8.0
50°-60°	337.0	6.1
60°-70°	218.9	4.0
70°-80°	106.2	1.9
80°-90°	26.5	0.5
90°-100°	34.3	0.6
100°-110°	228.2	4.2
110°-120°	410.9	7.5
120°-130°	527.4	9.6
130°-140°	567.2	10.3
140°-150°	532.4	9.7
150°-160°	430.6	7.9
160°-170°	278.5	5.1
170°-180°	96.0	1.8
0°-30°	754.0	13.8
0°-40°	1247.5	22.8
0°-60°	2024.0	36.9
0°-90°	2375.5	43.3
90°-120°	673.4	12.3
90°-150°	2300.3	42.0
90°-180°	3106.0	56.7
0°-180°	5481.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	916	916	916	916	916	
5°	914	1050	914	807	914	87
15°	876	1262	870	614	876	247
25°	800	1511	791	494	800	369
35°	697	1253	688	402	697	434
45°	545	560	545	317	545	421
55°	385	308	384	237	385	345
65°	239	174	241	141	239	239
75°	117	81	117	74	117	125
85°	26	17	26	20	26	30
90°	1	18	1	18	1	4
95°	43	16	43	16	43	52
105°	220	223	220	223	220	233
115°	414	411	414	411	414	410
125°	588	588	588	588	588	526
135°	734	731	734	731	734	566
145°	851	848	851	848	851	532
155°	937	930	937	930	937	432
165°	988	983	988	983	988	279
175°	1011	1006	1011	1006	1011	96
180°	1011	1011	1011	1011	1011	

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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	916.3	916.3	916.3	916.3	916.3	916.3	916.3	916.3	916.3	916.3	916.3
2.5°	917.1	924.6	926.9	932.9	939.6	941.1	944.9	950.2	953.2	952.4	952.4
5°	914.1	926.9	935.9	946.4	959.2	964.5	969.0	980.3	989.3	994.6	1003.6
7.5°	908.8	927.6	942.7	958.5	978.0	987.0	996.8	1012.6	1029.2	1039.7	1049.5
10°	900.5	924.6	945.7	969.0	995.3	1008.9	1020.9	1045.0	1065.3	1078.8	1101.4
12.5°	888.5	918.6	947.9	978.8	1011.9	1026.2	1042.7	1069.0	1097.6	1117.2	1136.0
15°	875.7	911.8	943.4	980.3	1020.1	1042.0	1063.0	1090.9	1116.4	1138.3	1160.1
17.5°	860.6	899.0	938.1	980.3	1025.4	1047.2	1065.3	1098.4	1125.5	1147.3	1166.8
20°	842.6	885.5	929.9	976.5	1022.4	1042.7	1060.0	1096.1	1120.2	1143.5	1171.4
22.5°	823.0	869.7	917.1	963.0	1008.1	1029.9	1050.2	1081.8	1108.2	1139.8	1175.9
25°	800.5	851.6	899.8	945.7	988.5	1008.9	1026.9	1061.5	1098.4	1138.3	1178.9
27.5°	777.9	827.5	874.2	916.3	963.0	981.8	999.8	1043.5	1087.1	1129.2	1184.9
30°	753.1	803.5	844.1	883.2	928.4	947.9	970.5	1020.1	1069.8	1127.0	1194.7
32.5°	725.2	771.1	808.7	849.4	890.0	914.1	942.7	996.8	1054.0	1122.5	1209.0
35°	697.4	734.3	768.9	807.2	856.1	881.7	909.6	966.7	1038.2	1120.2	1221.0
37.5°	662.0	697.4	724.5	763.6	814.0	844.1	871.9	938.1	1019.4	1114.9	1220.3
40°	625.9	656.0	681.6	722.2	777.1	805.0	835.1	907.3	999.8	1099.9	1202.2
42.5°	586.8	612.4	640.2	679.3	732.8	759.8	794.4	878.7	972.7	1078.8	1155.6
45°	545.4	570.3	593.6	634.2	687.6	717.0	754.6	841.1	939.6	1034.4	1080.3
47.5°	504.8	526.6	551.4	586.8	641.0	673.3	711.7	804.2	895.3	975.0	978.8
50°	465.7	483.0	504.1	540.2	596.6	627.4	667.3	753.8	842.6	897.5	860.6
52.5°	425.1	440.9	462.7	494.3	546.9	583.0	617.7	704.2	778.6	815.5	747.8
55°	385.2	398.7	421.3	456.7	502.5	530.4	565.7	646.2	711.7	712.4	638.7
57.5°	346.1	358.1	376.9	408.5	451.4	483.7	516.1	586.1	630.4	617.7	535.6
60°	311.5	319.0	336.3	367.1	407.0	430.3	464.9	523.6	553.0	529.6	441.6
62.5°	275.3	282.9	296.4	321.2	358.9	383.7	405.5	453.6	474.0	438.6	366.4
65°	239.2	248.3	258.0	277.6	313.0	329.5	349.1	384.4	404.0	362.6	300.2
67.5°	207.6	212.2	221.9	242.2	267.1	282.1	295.7	319.7	323.5	290.4	239.2
70°	178.3	179.8	188.8	200.9	219.7	228.7	240.0	254.3	254.3	227.2	186.6
72.5°	145.2	147.5	154.2	167.0	178.3	182.8	186.6	195.6	194.1	169.3	141.4
75°	116.6	118.1	123.4	129.4	133.9	142.2	145.2	143.7	142.9	121.9	106.1
77.5°	90.3	91.0	94.8	100.1	100.8	103.8	101.6	101.6	94.8	82.8	74.5
80°	66.2	67.0	68.5	70.0	70.0	70.0	70.0	66.2	61.7	54.2	51.9
82.5°	44.4	44.4	45.1	46.6	45.9	44.4	42.9	39.1	36.1	33.9	32.3
85°	26.3	26.3	27.1	26.3	23.3	22.6	21.1	20.3	19.6	18.8	18.8
87.5°	12.8	12.0	10.5	9.0	9.0	9.0	9.0	9.0	9.0	8.3	8.3
90°	0.7	2.0	3.4	4.7	6.0	6.7	7.3	8.5	9.6	10.8	12.0
92.5°	14.2	12.7	11.2	9.7	8.2	7.5	8.0	9.0	10.0	11.0	12.0
95°	42.7	42.2	41.7	41.2	40.7	40.5	37.3	31.0	24.7	18.3	12.0
97.5°	80.2	81.2	82.2	83.2	84.2	84.7	76.8	61.0	45.1	29.3	13.5
100°	125.2	125.7	126.2	126.7	127.2	127.4	127.7	128.4	129.1	129.7	130.4
102.5°	170.9	171.6	172.2	172.9	173.6	173.9	174.1	174.4	174.7	175.1	175.4
105°	220.3	221.0	221.6	222.3	223.0	223.3	223.3	223.3	223.3	223.3	223.3
107.5°	271.3	271.3	271.3	271.3	271.3	271.3	271.5	271.8	272.1	272.5	272.8
110°	320.8	320.8	320.8	320.8	320.8	320.8	321.0	321.3	321.6	322.0	322.3

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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	367.2	367.7	368.2	368.7	369.2	369.5	369.6	369.7	369.9	370.0	370.2
115°	413.7	414.5	415.3	416.2	417.0	417.4	417.5	417.7	417.8	418.0	418.2
117.5°	462.4	462.4	462.4	462.4	462.4	462.4	462.7	463.4	464.1	464.7	465.4
120°	507.4	507.2	507.0	506.9	506.7	506.6	506.9	507.4	507.9	508.4	508.9
122.5°	547.1	547.9	548.7	549.6	550.4	550.8	550.9	551.1	551.2	551.4	551.6
125°	588.3	589.5	590.6	591.8	592.9	593.5	593.5	593.5	593.5	593.5	593.5
127.5°	628.0	628.8	629.7	630.5	631.4	631.8	631.7	631.5	631.4	631.2	631.0
130°	664.0	664.8	665.6	666.5	667.3	667.7	667.8	668.0	668.1	668.3	668.5
132.5°	700.0	701.0	702.0	703.0	704.0	704.5	704.2	703.7	703.2	702.7	702.2
135°	733.7	734.7	735.7	736.7	737.7	738.2	738.0	737.7	737.4	737.0	736.7
137.5°	765.2	766.2	767.2	768.2	769.2	769.7	769.5	769.2	768.9	768.5	768.2
140°	795.9	796.2	796.6	796.9	797.2	797.4	797.3	797.1	797.0	796.8	796.6
142.5°	823.6	823.8	824.0	824.1	824.3	824.4	824.6	824.9	825.2	825.6	825.9
145°	850.6	850.9	851.3	851.6	851.9	852.1	852.1	852.1	852.1	852.1	852.1
147.5°	874.6	874.6	874.6	874.6	874.6	874.6	874.7	874.8	875.0	875.1	875.3
150°	897.1	896.8	896.4	896.1	895.8	895.6	895.8	896.1	896.4	896.8	897.1
152.5°	918.8	918.0	917.1	916.3	915.4	915.0	915.2	915.5	915.8	916.2	916.5
155°	936.8	935.8	934.8	933.8	932.8	932.3	932.5	932.8	933.1	933.5	933.8
157.5°	951.0	950.5	950.0	949.5	949.0	948.8	948.8	948.8	948.8	948.8	948.8
160°	966.0	965.0	964.0	963.0	962.0	961.5	961.6	961.8	961.9	962.1	962.3
162.5°	978.0	977.0	976.0	975.0	974.0	973.5	973.6	973.8	973.9	974.1	974.3
165°	988.5	987.5	986.5	985.5	984.5	984.0	984.1	984.2	984.4	984.5	984.7
167.5°	996.7	995.7	994.7	993.7	992.7	992.2	992.3	992.5	992.6	992.8	993.0
170°	1003.5	1002.3	1001.1	1000.0	998.8	998.2	998.3	998.5	998.6	998.8	999.0
172.5°	1008.0	1006.8	1005.6	1004.5	1003.3	1002.7	1002.9	1003.2	1003.5	1003.9	1004.2
175°	1011.0	1010.0	1009.0	1008.0	1007.0	1006.5	1006.6	1006.7	1006.9	1007.0	1007.2
177.5°	1013.2	1012.2	1011.2	1010.2	1009.2	1008.7	1008.8	1009.0	1009.1	1009.3	1009.5
180°	1011.0	1011.0	1011.0	1011.0	1011.0	1011.0	1011.0	1011.0	1011.0	1011.0	1011.0

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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	916.3	916.3	916.3	916.3	916.3	916.3	916.3	916.3	916.3	916.3	916.3
2.5°	956.2	961.5	966.0	963.7	972.7	972.0	973.5	976.5	977.3	975.8	972.7
5°	1008.1	1015.6	1028.4	1035.2	1033.7	1039.7	1042.7	1047.2	1051.7	1050.2	1050.2
7.5°	1066.0	1076.6	1089.4	1106.7	1108.9	1114.2	1123.2	1123.2	1128.5	1126.2	1125.5
10°	1116.4	1129.2	1149.5	1163.1	1169.1	1172.1	1181.1	1184.1	1190.2	1190.9	1190.9
12.5°	1157.8	1180.4	1193.9	1207.5	1210.5	1215.0	1221.8	1226.3	1228.5	1228.5	1226.3
15°	1179.6	1197.7	1213.5	1227.8	1236.1	1239.8	1246.6	1251.9	1254.9	1261.6	1263.1
17.5°	1188.7	1210.5	1236.1	1256.4	1270.7	1274.4	1288.0	1292.5	1298.5	1301.5	1305.3
20°	1201.4	1233.0	1263.9	1288.7	1302.3	1312.0	1326.3	1347.4	1353.4	1353.4	1351.2
22.5°	1212.7	1253.4	1295.5	1335.4	1346.6	1366.2	1392.5	1415.1	1424.1	1427.9	1424.9
25°	1226.3	1281.9	1336.9	1386.5	1417.4	1431.7	1467.0	1494.1	1504.6	1510.7	1512.2
27.5°	1249.6	1319.6	1389.5	1452.7	1484.3	1500.9	1537.7	1561.1	1573.8	1579.1	1575.4
30°	1275.9	1361.7	1442.9	1499.4	1520.4	1540.7	1564.8	1573.8	1570.8	1570.8	1582.1
32.5°	1303.0	1391.8	1464.0	1500.9	1508.4	1505.4	1495.6	1468.5	1452.7	1452.7	1462.5
35°	1318.1	1394.8	1431.7	1419.6	1390.3	1373.0	1319.6	1289.5	1255.6	1253.4	1264.6
37.5°	1309.8	1342.9	1327.8	1248.8	1209.0	1175.9	1092.4	1059.3	1034.4	999.8	1053.2
40°	1251.9	1240.6	1162.3	1048.7	1004.3	957.7	891.5	858.4	823.8	818.5	831.3
42.5°	1154.1	1087.1	972.7	862.9	817.8	784.7	734.3	701.9	680.1	671.1	686.1
45°	1032.2	926.9	812.5	725.2	675.6	658.3	612.4	583.8	567.2	560.5	571.0
47.5°	883.2	777.1	668.8	595.1	565.7	548.4	517.6	492.8	478.5	474.0	478.5
50°	750.1	641.0	549.9	502.5	476.2	461.9	436.3	420.5	409.3	406.3	413.8
52.5°	635.0	535.6	466.4	424.3	407.0	395.0	376.9	363.4	356.6	353.6	358.9
55°	531.9	451.4	395.7	359.6	346.8	339.3	323.5	316.0	308.4	307.7	313.0
57.5°	440.9	385.2	334.0	308.4	304.7	293.4	279.9	273.1	269.3	268.6	270.8
60°	367.1	317.5	286.6	264.1	258.8	249.8	242.2	237.7	233.2	231.7	233.2
62.5°	305.4	266.3	241.5	226.4	218.9	216.7	208.4	203.1	202.4	202.4	203.9
65°	252.0	218.9	203.1	191.1	185.8	183.6	177.5	173.8	174.5	174.5	175.3
67.5°	205.4	181.3	167.0	161.0	156.5	155.7	149.7	148.2	146.7	146.7	148.2
70°	163.3	148.2	137.7	134.7	133.9	128.6	126.4	125.6	123.4	124.1	124.1
72.5°	127.9	118.1	112.1	107.6	108.3	105.3	102.3	102.3	100.8	103.1	103.1
75°	94.8	90.3	85.8	84.3	85.8	84.3	82.0	81.3	82.0	81.3	81.3
77.5°	70.0	67.7	66.2	65.5	65.5	62.4	60.9	62.4	59.4	60.9	60.9
80°	48.9	45.9	45.1	43.6	44.4	42.1	42.9	41.4	41.4	41.4	41.4
82.5°	30.8	30.1	30.1	30.1	29.3	29.3	29.3	29.3	29.3	29.3	28.6
85°	18.8	18.1	18.1	18.1	17.3	17.3	17.3	17.3	17.3	17.3	17.3
87.5°	7.5	8.3	8.3	9.0	8.3	7.5	7.5	7.5	8.3	8.3	7.5
90°	12.8	13.6	14.5	15.3	15.7	16.0	16.5	17.0	17.5	18.0	17.5
92.5°	12.8	13.6	14.5	15.3	15.7	15.8	16.0	16.1	16.3	16.5	16.3
95°	12.8	13.6	14.5	15.3	15.7	15.7	15.7	15.7	15.7	15.7	15.7
97.5°	13.8	14.2	14.5	14.8	15.0	15.1	15.2	15.4	15.5	15.7	15.5
100°	105.6	80.8	55.9	31.1	18.7	18.4	17.7	17.0	16.4	15.7	16.4
102.5°	175.7	176.1	176.4	176.7	176.9	169.9	155.9	141.9	127.9	113.9	127.9
105°	223.3	223.3	223.3	223.3	223.3	223.2	223.1	222.9	222.8	222.6	222.8
107.5°	273.0	273.1	273.3	273.4	273.5	273.2	272.5	271.8	271.2	270.5	271.2
110°	321.8	321.3	320.8	320.3	320.0	320.1	320.3	320.4	320.6	320.8	320.6

TEST NUMBER: P1036058

CATALOG NUMBER: S125RDIW-B610D770UB40-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	369.5	368.9	368.2	367.5	367.2	367.0	366.7	366.4	366.0	365.7	366.0
115°	417.5	416.9	416.2	415.5	415.2	414.7	413.7	412.7	411.7	410.7	411.7
117.5°	464.4	463.4	462.4	461.4	460.9	460.7	460.4	460.1	459.7	459.4	459.7
120°	508.6	508.2	507.9	507.6	507.4	507.0	506.1	505.3	504.4	503.6	504.4
122.5°	551.3	550.9	550.6	550.3	550.1	549.6	548.6	547.6	546.6	545.6	546.6
125°	592.8	592.2	591.5	590.8	590.5	590.3	589.8	589.3	588.8	588.3	588.8
127.5°	630.7	630.3	630.0	629.7	629.5	628.8	627.5	626.2	624.8	623.5	624.8
130°	668.0	667.5	667.0	666.5	666.2	665.8	665.0	664.1	663.3	662.5	663.3
132.5°	702.2	702.2	702.2	702.2	702.2	701.8	701.0	700.1	699.3	698.5	699.3
135°	736.4	736.0	735.7	735.4	735.2	734.7	733.7	732.7	731.7	730.7	731.7
137.5°	768.2	768.2	768.2	768.2	768.2	767.8	766.9	766.1	765.2	764.4	765.2
140°	796.9	797.3	797.6	797.9	798.1	797.6	796.6	795.6	794.6	793.6	794.6
142.5°	825.9	825.9	825.9	825.9	825.9	825.4	824.4	823.4	822.4	821.4	822.4
145°	852.3	852.4	852.6	852.7	852.8	852.3	851.3	850.3	849.3	848.3	849.3
147.5°	875.5	875.7	875.8	876.0	876.1	875.5	874.3	873.2	872.0	870.8	872.0
150°	897.4	897.8	898.1	898.4	898.6	897.9	896.6	895.3	893.9	892.6	893.9
152.5°	916.8	917.2	917.5	917.8	918.0	917.4	916.3	915.1	914.0	912.8	914.0
155°	934.3	934.8	935.3	935.8	936.0	935.3	934.0	932.7	931.3	930.0	931.3
157.5°	949.3	949.8	950.3	950.8	951.0	950.3	949.0	947.7	946.3	945.0	946.3
160°	963.0	963.6	964.3	965.0	965.3	964.6	963.3	962.0	960.6	959.3	960.6
162.5°	975.3	976.3	977.2	978.2	978.7	978.0	976.5	975.0	973.5	972.0	973.5
165°	985.7	986.7	987.7	988.7	989.2	988.5	987.2	985.9	984.5	983.2	984.5
167.5°	994.2	995.3	996.5	997.6	998.2	997.5	996.0	994.5	993.0	991.5	993.0
170°	1000.3	1001.7	1003.0	1004.3	1005.0	1004.2	1002.7	1001.2	999.7	998.2	999.7
172.5°	1005.4	1006.6	1007.7	1008.9	1009.5	1008.7	1007.2	1005.7	1004.2	1002.7	1004.2
175°	1008.5	1009.9	1011.2	1012.5	1013.2	1012.5	1011.0	1009.5	1008.0	1006.5	1008.0
177.5°	1010.7	1011.8	1013.0	1014.1	1014.7	1014.0	1012.7	1011.4	1010.0	1008.7	1010.0
180°	1011.0	1011.0	1011.0	1011.0	1011.0	1011.0	1011.0	1011.0	1011.0	1011.0	1011.0

TEST NUMBER: P1036058

CATALOG NUMBER: S125RDIW-B610D770UB40-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	916.3	916.3	916.3	916.3	916.3	916.3	916.3	916.3	916.3	916.3	916.3
2.5°	976.5	971.2	973.5	971.2	969.0	966.7	961.5	953.9	947.9	943.4	942.7
5°	1051.7	1045.0	1040.5	1038.2	1033.7	1027.7	1017.9	1006.6	993.1	987.8	977.3
7.5°	1121.0	1118.7	1108.2	1106.7	1103.6	1092.4	1075.8	1060.8	1043.5	1029.2	1015.6
10°	1186.4	1181.1	1173.6	1163.1	1161.6	1147.3	1131.5	1110.4	1087.8	1074.3	1050.2
12.5°	1227.0	1221.0	1212.7	1206.0	1202.2	1193.2	1171.4	1150.3	1130.0	1105.2	1084.1
15°	1256.4	1248.8	1233.8	1228.5	1224.0	1212.0	1196.2	1174.4	1147.3	1130.0	1099.9
17.5°	1296.2	1287.2	1272.2	1262.4	1254.1	1235.3	1212.7	1183.4	1157.8	1138.3	1111.2
20°	1342.1	1328.6	1309.0	1296.2	1284.2	1262.4	1230.8	1196.2	1159.3	1135.2	1107.4
22.5°	1418.1	1392.5	1361.7	1343.6	1327.1	1289.5	1251.9	1209.0	1167.6	1131.5	1097.6
25°	1491.8	1466.3	1427.9	1403.1	1377.5	1333.9	1284.2	1224.8	1172.1	1130.0	1085.6
27.5°	1560.3	1534.0	1498.6	1468.5	1443.7	1378.2	1312.8	1245.8	1178.9	1121.0	1075.8
30°	1576.1	1564.8	1537.7	1511.4	1488.8	1428.6	1352.7	1267.7	1187.2	1112.7	1062.3
32.5°	1480.6	1508.4	1515.2	1511.4	1497.1	1454.2	1384.3	1294.7	1199.2	1108.9	1039.7
35°	1281.9	1332.4	1384.3	1412.1	1425.6	1431.7	1390.3	1308.3	1207.5	1102.9	1024.7
37.5°	1063.0	1111.9	1193.9	1235.3	1281.2	1341.4	1357.9	1305.3	1203.7	1098.4	1000.6
40°	873.4	935.9	1003.6	1041.2	1081.1	1189.4	1271.4	1265.4	1191.7	1081.8	981.8
42.5°	710.9	750.1	809.5	850.9	899.8	1020.9	1130.7	1184.9	1155.6	1061.5	957.7
45°	592.8	622.9	665.0	707.2	737.3	847.1	977.3	1066.0	1093.9	1025.4	920.8
47.5°	499.5	522.1	559.0	585.3	617.7	704.2	817.0	941.9	1000.6	974.2	881.7
50°	428.1	446.1	475.5	492.0	520.6	595.1	680.8	811.7	900.5	903.5	829.8
52.5°	365.6	383.7	408.5	422.8	440.1	490.5	577.0	687.6	789.9	827.5	770.4
55°	318.2	328.8	349.1	360.4	376.2	425.1	480.0	574.0	680.8	742.5	706.4
57.5°	274.6	285.9	298.7	307.7	319.0	358.1	407.8	478.5	584.5	651.5	639.5
60°	239.2	246.0	258.0	264.8	275.3	300.9	335.5	406.3	490.5	553.7	560.5
62.5°	206.1	212.2	220.4	226.4	233.2	253.5	279.1	329.5	403.2	471.7	480.7
65°	177.5	182.8	187.3	192.6	197.9	210.6	232.5	271.6	328.8	392.7	412.3
67.5°	152.0	153.5	160.2	161.0	164.0	173.8	189.6	221.2	262.6	313.7	339.3
70°	127.1	130.2	131.7	133.9	136.9	143.7	156.5	173.0	203.9	245.3	269.3
72.5°	103.1	103.8	106.1	107.6	110.6	115.9	121.9	134.7	154.2	184.3	206.1
75°	82.0	82.8	84.3	85.0	87.3	88.8	91.8	100.8	114.4	132.4	148.2
77.5°	61.7	63.2	64.7	64.7	65.5	67.0	68.5	71.5	78.2	90.3	103.8
80°	42.1	42.9	42.9	43.6	42.9	45.1	47.4	51.2	54.2	57.9	64.7
82.5°	29.3	29.3	29.3	30.1	30.1	30.8	30.8	31.6	32.3	34.6	37.6
85°	18.1	18.1	18.8	17.3	18.1	18.8	18.8	18.1	18.8	19.6	20.3
87.5°	7.5	7.5	8.3	8.3	8.3	8.3	7.5	8.3	7.5	8.3	8.3
90°	17.0	16.5	16.0	15.7	15.3	14.5	13.6	12.8	12.0	10.8	9.6
92.5°	16.1	16.0	15.8	15.7	15.3	14.5	13.6	12.8	12.0	11.0	10.0
95°	15.7	15.7	15.7	15.7	15.3	14.5	13.6	12.8	12.0	18.3	24.7
97.5°	15.4	15.2	15.1	15.0	14.8	14.5	14.2	13.8	13.5	29.3	45.1
100°	17.0	17.7	18.4	18.7	31.1	55.9	80.8	105.6	130.4	129.7	129.1
102.5°	141.9	155.9	169.9	176.9	176.7	176.4	176.1	175.7	175.4	175.1	174.7
105°	222.9	223.1	223.2	223.3	223.3	223.3	223.3	223.3	223.3	223.3	223.3
107.5°	271.8	272.5	273.2	273.5	273.4	273.3	273.1	273.0	272.8	272.5	272.1
110°	320.4	320.3	320.1	320.0	320.3	320.8	321.3	321.8	322.3	322.0	321.6

TEST NUMBER: P1036058

CATALOG NUMBER: S125RDIW-B610D770UB40-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	366.4	366.7	367.0	367.2	367.5	368.2	368.9	369.5	370.2	370.0	369.9
115°	412.7	413.7	414.7	415.2	415.5	416.2	416.9	417.5	418.2	418.0	417.8
117.5°	460.1	460.4	460.7	460.9	461.4	462.4	463.4	464.4	465.4	464.7	464.1
120°	505.3	506.1	507.0	507.4	507.6	507.9	508.2	508.6	508.9	508.4	507.9
122.5°	547.6	548.6	549.6	550.1	550.3	550.6	550.9	551.3	551.6	551.4	551.2
125°	589.3	589.8	590.3	590.5	590.8	591.5	592.2	592.8	593.5	593.5	593.5
127.5°	626.2	627.5	628.8	629.5	629.7	630.0	630.3	630.7	631.0	631.2	631.4
130°	664.1	665.0	665.8	666.2	666.5	667.0	667.5	668.0	668.5	668.3	668.1
132.5°	700.1	701.0	701.8	702.2	702.2	702.2	702.2	702.2	702.2	702.7	703.2
135°	732.7	733.7	734.7	735.2	735.4	735.7	736.0	736.4	736.7	737.0	737.4
137.5°	766.1	766.9	767.8	768.2	768.2	768.2	768.2	768.2	768.2	768.5	768.9
140°	795.6	796.6	797.6	798.1	797.9	797.6	797.3	796.9	796.6	796.8	797.0
142.5°	823.4	824.4	825.4	825.9	825.9	825.9	825.9	825.9	825.9	825.6	825.2
145°	850.3	851.3	852.3	852.8	852.7	852.6	852.4	852.3	852.1	852.1	852.1
147.5°	873.2	874.3	875.5	876.1	876.0	875.8	875.7	875.5	875.3	875.1	875.0
150°	895.3	896.6	897.9	898.6	898.4	898.1	897.8	897.4	897.1	896.8	896.4
152.5°	915.1	916.3	917.4	918.0	917.8	917.5	917.2	916.8	916.5	916.2	915.8
155°	932.7	934.0	935.3	936.0	935.8	935.3	934.8	934.3	933.8	933.5	933.1
157.5°	947.7	949.0	950.3	951.0	950.8	950.3	949.8	949.3	948.8	948.8	948.8
160°	962.0	963.3	964.6	965.3	965.0	964.3	963.6	963.0	962.3	962.1	961.9
162.5°	975.0	976.5	978.0	978.7	978.2	977.2	976.3	975.3	974.3	974.1	973.9
165°	985.9	987.2	988.5	989.2	988.7	987.7	986.7	985.7	984.7	984.5	984.4
167.5°	994.5	996.0	997.5	998.2	997.6	996.5	995.3	994.2	993.0	992.8	992.6
170°	1001.2	1002.7	1004.2	1005.0	1004.3	1003.0	1001.7	1000.3	999.0	998.8	998.6
172.5°	1005.7	1007.2	1008.7	1009.5	1008.9	1007.7	1006.6	1005.4	1004.2	1003.9	1003.5
175°	1009.5	1011.0	1012.5	1013.2	1012.5	1011.2	1009.9	1008.5	1007.2	1007.0	1006.9
177.5°	1011.4	1012.7	1014.0	1014.7	1014.1	1013.0	1011.8	1010.7	1009.5	1009.3	1009.1
180°	1011.0	1011.0	1011.0	1011.0	1011.0	1011.0	1011.0	1011.0	1011.0	1011.0	1011.0

TEST NUMBER: P1036058

CATALOG NUMBER: S125RDIW-B610D770UB40-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
0°	916.3	916.3	916.3	916.3	916.3	916.3	916.3	916.3	916.3	916.3	916.3
2.5°	940.4	935.9	932.9	932.1	927.6	923.8	919.3	918.6	916.3	910.3	906.5
5°	969.7	959.2	956.9	950.2	938.9	930.6	920.1	914.1	907.3	896.0	887.0
7.5°	999.8	985.5	975.0	965.2	949.4	934.4	919.3	907.3	895.3	878.7	865.2
10°	1029.2	1007.4	994.6	980.3	958.5	935.9	914.8	897.5	878.0	858.4	838.8
12.5°	1056.3	1028.4	1009.6	989.3	962.2	934.4	907.3	883.2	862.9	836.6	814.8
15°	1072.8	1042.0	1023.2	1003.6	963.0	932.1	900.5	869.7	842.6	814.8	794.4
17.5°	1082.6	1048.0	1026.9	1008.9	967.5	925.3	884.7	851.6	822.3	789.2	762.1
20°	1078.1	1044.2	1024.7	1007.4	959.2	917.1	873.4	835.1	798.2	764.4	735.8
22.5°	1068.3	1032.9	1011.1	995.3	952.4	902.8	854.6	813.3	774.9	741.0	708.7
25°	1047.2	1012.6	993.8	974.2	932.1	884.7	835.8	791.4	750.8	714.7	678.6
27.5°	1028.4	986.3	966.7	949.4	905.0	862.9	814.8	765.9	724.5	686.9	650.8
30°	1006.6	959.2	938.1	914.8	874.9	835.1	786.9	741.8	698.9	659.0	624.4
32.5°	983.3	928.4	904.3	878.0	837.3	799.7	759.1	714.7	671.8	632.7	596.6
35°	953.2	894.5	866.7	841.8	799.7	762.1	724.5	687.6	644.7	603.4	568.8
37.5°	924.6	859.9	830.6	802.0	757.6	721.5	690.6	656.0	614.6	574.8	541.7
40°	892.2	817.8	787.7	761.3	715.5	675.6	647.7	620.7	584.5	546.2	510.1
42.5°	862.9	778.6	747.1	720.0	671.8	634.2	607.9	585.3	553.7	518.3	481.5
45°	822.3	736.5	704.2	675.6	626.7	591.3	564.2	544.7	519.9	486.7	453.6
47.5°	784.7	695.9	660.5	625.9	581.5	545.4	520.6	505.6	489.0	459.7	425.8
50°	738.8	649.2	613.1	584.5	534.1	503.3	478.5	467.9	452.9	425.1	398.0
52.5°	689.1	604.1	570.3	535.6	489.0	458.9	437.1	425.1	413.0	392.7	367.1
55°	631.2	553.7	522.1	491.3	444.6	416.8	397.2	384.4	377.7	358.9	340.0
57.5°	575.5	502.5	473.2	444.6	404.0	372.4	359.6	348.3	338.5	325.0	309.2
60°	519.1	452.9	421.3	395.7	360.4	331.8	321.2	310.0	302.4	291.9	280.6
62.5°	454.4	398.0	373.9	349.8	319.7	297.2	285.1	276.1	266.3	259.5	249.8
65°	385.9	346.1	322.7	304.7	276.1	255.8	246.8	240.7	232.5	225.7	218.2
67.5°	322.0	290.4	280.6	261.1	239.2	221.2	214.4	206.9	200.1	196.4	189.6
70°	260.3	237.7	228.0	222.7	198.6	186.6	180.6	177.5	169.3	165.5	161.0
72.5°	201.6	193.3	186.6	179.8	164.0	156.5	149.7	146.7	140.7	137.7	136.2
75°	149.0	143.7	139.9	139.2	132.4	124.9	118.1	116.6	112.1	109.1	107.6
77.5°	104.6	103.1	102.3	103.1	98.6	94.0	92.5	91.0	85.8	85.0	85.0
80°	68.5	72.2	72.2	71.5	70.0	69.2	67.0	65.5	62.4	61.7	62.4
82.5°	42.1	44.4	45.1	46.6	45.9	45.1	43.6	42.9	43.6	42.1	42.9
85°	21.1	22.6	25.6	25.6	26.3	26.3	26.3	25.6	24.1	24.8	24.1
87.5°	8.3	9.0	9.0	9.0	8.3	10.5	11.3	11.3	11.3	9.8	9.8
90°	8.5	7.3	6.7	6.0	4.7	3.4	2.0	0.7	2.0	3.4	4.7
92.5°	9.0	8.0	7.5	8.2	9.7	11.2	12.7	14.2	12.7	11.2	9.7
95°	31.0	37.3	40.5	40.7	41.2	41.7	42.2	42.7	42.2	41.7	41.2
97.5°	61.0	76.8	84.7	84.2	83.2	82.2	81.2	80.2	81.2	82.2	83.2
100°	128.4	127.7	127.4	127.2	126.7	126.2	125.7	125.2	125.7	126.2	126.7
102.5°	174.4	174.1	173.9	173.6	172.9	172.2	171.6	170.9	171.6	172.2	172.9
105°	223.3	223.3	223.3	223.0	222.3	221.6	221.0	220.3	221.0	221.6	222.3
107.5°	271.8	271.5	271.3	271.3	271.3	271.3	271.3	271.3	271.3	271.3	271.3
110°	321.3	321.0	320.8	320.8	320.8	320.8	320.8	320.8	320.8	320.8	320.8

TEST NUMBER: P1036058

CATALOG NUMBER: S125RDIW-B610D770UB40-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
112.5°	369.7	369.6	369.5	369.2	368.7	368.2	367.7	367.2	367.7	368.2	368.7
115°	417.7	417.5	417.4	417.0	416.2	415.3	414.5	413.7	414.5	415.3	416.2
117.5°	463.4	462.7	462.4	462.4	462.4	462.4	462.4	462.4	462.4	462.4	462.4
120°	507.4	506.9	506.6	506.7	506.9	507.0	507.2	507.4	507.2	507.0	506.9
122.5°	551.1	550.9	550.8	550.4	549.6	548.7	547.9	547.1	547.9	548.7	549.6
125°	593.5	593.5	593.5	592.9	591.8	590.6	589.5	588.3	589.5	590.6	591.8
127.5°	631.5	631.7	631.8	631.4	630.5	629.7	628.8	628.0	628.8	629.7	630.5
130°	668.0	667.8	667.7	667.3	666.5	665.6	664.8	664.0	664.8	665.6	666.5
132.5°	703.7	704.2	704.5	704.0	703.0	702.0	701.0	700.0	701.0	702.0	703.0
135°	737.7	738.0	738.2	737.7	736.7	735.7	734.7	733.7	734.7	735.7	736.7
137.5°	769.2	769.5	769.7	769.2	768.2	767.2	766.2	765.2	766.2	767.2	768.2
140°	797.1	797.3	797.4	797.2	796.9	796.6	796.2	795.9	796.2	796.6	796.9
142.5°	824.9	824.6	824.4	824.3	824.1	824.0	823.8	823.6	823.8	824.0	824.1
145°	852.1	852.1	852.1	851.9	851.6	851.3	850.9	850.6	850.9	851.3	851.6
147.5°	874.8	874.7	874.6	874.6	874.6	874.6	874.6	874.6	874.6	874.6	874.6
150°	896.1	895.8	895.6	895.8	896.1	896.4	896.8	897.1	896.8	896.4	896.1
152.5°	915.5	915.2	915.0	915.4	916.3	917.1	918.0	918.8	918.0	917.1	916.3
155°	932.8	932.5	932.3	932.8	933.8	934.8	935.8	936.8	935.8	934.8	933.8
157.5°	948.8	948.8	948.8	949.0	949.5	950.0	950.5	951.0	950.5	950.0	949.5
160°	961.8	961.6	961.5	962.0	963.0	964.0	965.0	966.0	965.0	964.0	963.0
162.5°	973.8	973.6	973.5	974.0	975.0	976.0	977.0	978.0	977.0	976.0	975.0
165°	984.2	984.1	984.0	984.5	985.5	986.5	987.5	988.5	987.5	986.5	985.5
167.5°	992.5	992.3	992.2	992.7	993.7	994.7	995.7	996.7	995.7	994.7	993.7
170°	998.5	998.3	998.2	998.8	1000.0	1001.1	1002.3	1003.5	1002.3	1001.1	1000.0
172.5°	1003.2	1002.9	1002.7	1003.3	1004.5	1005.6	1006.8	1008.0	1006.8	1005.6	1004.5
175°	1006.7	1006.6	1006.5	1007.0	1008.0	1009.0	1010.0	1011.0	1010.0	1009.0	1008.0
177.5°	1009.0	1008.8	1008.7	1009.2	1010.2	1011.2	1012.2	1013.2	1012.2	1011.2	1010.2
180°	1011.0	1011.0	1011.0	1011.0	1011.0	1011.0	1011.0	1011.0	1011.0	1011.0	1011.0

TEST NUMBER: P1036058

CATALOG NUMBER: S125RDIW-B610D770UB40-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
0°	916.3	916.3	916.3	916.3	916.3	916.3	916.3	916.3	916.3	916.3	916.3
2.5°	904.3	901.3	899.0	896.8	887.0	876.4	874.9	872.7	868.2	873.4	871.2
5°	881.0	874.2	870.4	860.6	848.6	839.6	832.1	823.0	819.3	816.3	815.5
7.5°	852.4	846.4	839.6	829.8	814.8	799.7	788.4	779.4	771.9	768.1	768.1
10°	824.5	817.0	808.0	791.4	777.1	758.3	746.3	737.3	726.7	720.7	715.5
12.5°	796.0	787.7	779.4	758.3	741.8	722.2	704.9	693.6	688.4	681.6	672.6
15°	767.4	754.6	746.3	725.2	704.2	684.6	673.3	661.3	649.2	642.5	639.5
17.5°	737.3	728.2	714.7	692.1	668.8	651.5	635.0	623.7	609.4	602.6	595.8
20°	710.2	696.6	683.1	660.5	638.0	614.6	598.1	584.5	575.5	570.3	564.2
22.5°	677.8	665.0	653.8	629.7	604.9	583.0	565.0	556.7	547.7	539.4	533.4
25°	650.0	637.2	625.9	599.6	572.5	552.2	538.7	528.1	518.3	514.6	508.6
27.5°	620.7	608.6	593.6	567.2	543.2	525.9	511.6	501.8	494.3	486.7	482.2
30°	592.8	579.3	565.7	537.2	517.6	500.3	486.7	474.7	468.7	464.9	457.4
32.5°	565.7	548.4	537.2	510.8	492.0	475.5	464.2	453.6	446.1	439.4	433.3
35°	536.4	517.6	506.3	484.5	464.9	448.4	438.6	431.1	422.0	416.0	413.0
37.5°	508.6	492.8	481.5	458.9	439.4	425.8	415.3	405.5	401.7	393.5	392.0
40°	478.5	464.9	454.4	432.6	414.5	404.0	392.7	383.7	376.9	373.1	367.9
42.5°	451.4	440.1	428.8	408.5	391.2	378.4	370.1	361.9	355.8	349.8	346.1
45°	426.6	414.5	404.0	384.4	367.1	355.8	347.6	337.8	336.3	328.0	324.2
47.5°	400.2	389.7	380.7	360.4	344.6	333.3	323.5	316.7	310.0	306.9	301.7
50°	374.7	364.1	353.6	335.5	321.2	310.0	300.2	292.7	288.9	284.4	279.9
52.5°	346.8	338.5	330.3	311.5	297.2	287.4	279.1	269.3	265.6	261.8	258.8
55°	323.5	311.5	302.4	286.6	273.8	263.3	254.3	246.8	243.0	240.0	236.2
57.5°	291.9	284.4	276.9	262.6	250.5	240.0	231.0	224.9	220.4	218.2	218.9
60°	264.8	256.5	252.0	237.0	224.9	216.7	208.4	202.4	197.9	195.6	194.8
62.5°	236.2	230.2	221.9	211.4	199.4	191.8	185.8	181.3	173.8	173.0	170.8
65°	208.4	203.9	196.4	186.6	176.8	170.0	163.3	157.2	154.2	150.5	148.2
67.5°	181.3	176.8	170.0	161.7	155.0	148.2	142.2	136.2	130.9	127.9	126.4
70°	155.0	151.2	146.7	136.9	128.6	123.4	118.9	115.1	109.8	108.3	107.6
72.5°	129.4	125.6	123.4	115.1	107.6	103.1	98.6	94.8	92.5	91.8	89.5
75°	106.1	102.3	99.3	91.8	87.3	84.3	79.7	78.2	76.0	75.2	74.5
77.5°	82.8	79.0	78.2	73.0	67.7	66.2	64.7	61.7	61.7	61.7	60.2
80°	59.4	58.7	57.9	52.7	50.4	48.9	48.1	45.9	44.4	42.9	42.1
82.5°	39.9	39.1	38.4	36.1	33.9	33.1	32.3	30.8	30.8	31.6	30.1
85°	24.1	22.6	21.8	21.1	19.6	19.6	20.3	19.6	19.6	19.6	18.8
87.5°	9.0	9.0	9.0	9.0	9.8	8.3	9.0	9.0	8.3	8.3	7.5
90°	6.0	6.7	7.3	8.5	9.6	10.8	12.0	12.8	13.6	14.5	15.3
92.5°	8.2	7.5	8.0	9.0	10.0	11.0	12.0	12.8	13.6	14.5	15.3
95°	40.7	40.5	37.3	31.0	24.7	18.3	12.0	12.8	13.6	14.5	15.3
97.5°	84.2	84.7	76.8	61.0	45.1	29.3	13.5	13.8	14.2	14.5	14.8
100°	127.2	127.4	127.7	128.4	129.1	129.7	130.4	105.6	80.8	55.9	31.1
102.5°	173.6	173.9	174.1	174.4	174.7	175.1	175.4	175.7	176.1	176.4	176.7
105°	223.0	223.3	223.3	223.3	223.3	223.3	223.3	223.3	223.3	223.3	223.3
107.5°	271.3	271.3	271.5	271.8	272.1	272.5	272.8	273.0	273.1	273.3	273.4
110°	320.8	320.8	321.0	321.3	321.6	322.0	322.3	321.8	321.3	320.8	320.3

TEST NUMBER: P1036058

CATALOG NUMBER: S125RDIW-B610D770UB40-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
112.5°	369.2	369.5	369.6	369.7	369.9	370.0	370.2	369.5	368.9	368.2	367.5
115°	417.0	417.4	417.5	417.7	417.8	418.0	418.2	417.5	416.9	416.2	415.5
117.5°	462.4	462.4	462.7	463.4	464.1	464.7	465.4	464.4	463.4	462.4	461.4
120°	506.7	506.6	506.9	507.4	507.9	508.4	508.9	508.6	508.2	507.9	507.6
122.5°	550.4	550.8	550.9	551.1	551.2	551.4	551.6	551.3	550.9	550.6	550.3
125°	592.9	593.5	593.5	593.5	593.5	593.5	593.5	592.8	592.2	591.5	590.8
127.5°	631.4	631.8	631.7	631.5	631.4	631.2	631.0	630.7	630.3	630.0	629.7
130°	667.3	667.7	667.8	668.0	668.1	668.3	668.5	668.0	667.5	667.0	666.5
132.5°	704.0	704.5	704.2	703.7	703.2	702.7	702.2	702.2	702.2	702.2	702.2
135°	737.7	738.2	738.0	737.7	737.4	737.0	736.7	736.4	736.0	735.7	735.4
137.5°	769.2	769.7	769.5	769.2	768.9	768.5	768.2	768.2	768.2	768.2	768.2
140°	797.2	797.4	797.3	797.1	797.0	796.8	796.6	796.9	797.3	797.6	797.9
142.5°	824.3	824.4	824.6	824.9	825.2	825.6	825.9	825.9	825.9	825.9	825.9
145°	851.9	852.1	852.1	852.1	852.1	852.1	852.1	852.3	852.4	852.6	852.7
147.5°	874.6	874.6	874.7	874.8	875.0	875.1	875.3	875.5	875.7	875.8	876.0
150°	895.8	895.6	895.8	896.1	896.4	896.8	897.1	897.4	897.8	898.1	898.4
152.5°	915.4	915.0	915.2	915.5	915.8	916.2	916.5	916.8	917.2	917.5	917.8
155°	932.8	932.3	932.5	932.8	933.1	933.5	933.8	934.3	934.8	935.3	935.8
157.5°	949.0	948.8	948.8	948.8	948.8	948.8	948.8	949.3	949.8	950.3	950.8
160°	962.0	961.5	961.6	961.8	961.9	962.1	962.3	963.0	963.6	964.3	965.0
162.5°	974.0	973.5	973.6	973.8	973.9	974.1	974.3	975.3	976.3	977.2	978.2
165°	984.5	984.0	984.1	984.2	984.4	984.5	984.7	985.7	986.7	987.7	988.7
167.5°	992.7	992.2	992.3	992.5	992.6	992.8	993.0	994.2	995.3	996.5	997.6
170°	998.8	998.2	998.3	998.5	998.6	998.8	999.0	1000.3	1001.7	1003.0	1004.3
172.5°	1003.3	1002.7	1002.9	1003.2	1003.5	1003.9	1004.2	1005.4	1006.6	1007.7	1008.9
175°	1007.0	1006.5	1006.6	1006.7	1006.9	1007.0	1007.2	1008.5	1009.9	1011.2	1012.5
177.5°	1009.2	1008.7	1008.8	1009.0	1009.1	1009.3	1009.5	1010.7	1011.8	1013.0	1014.1
180°	1011.0	1011.0	1011.0	1011.0	1011.0	1011.0	1011.0	1011.0	1011.0	1011.0	1011.0

TEST NUMBER: P1036058

CATALOG NUMBER: S125RDIW-B610D770UB40-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
0°	916.3	916.3	916.3	916.3	916.3	916.3	916.3	916.3	916.3	916.3	916.3
2.5°	867.4	868.9	865.2	863.7	860.6	864.4	865.2	864.4	871.2	868.2	869.7
5°	817.0	814.0	811.7	806.5	806.5	807.2	809.5	805.7	808.0	813.3	812.5
7.5°	761.3	759.8	760.6	754.6	750.1	751.6	750.1	756.8	760.6	759.1	762.1
10°	710.9	713.9	707.2	704.2	701.2	704.2	703.4	704.9	709.4	712.4	717.7
12.5°	670.3	669.6	665.8	662.8	657.5	659.0	663.5	662.0	662.8	669.6	668.8
15°	631.9	627.4	624.4	617.7	619.2	613.9	618.4	623.7	625.9	631.9	635.7
17.5°	593.6	592.8	589.1	588.3	580.0	577.8	582.3	583.8	586.1	589.1	594.3
20°	561.2	560.5	555.2	553.7	546.9	551.4	549.9	553.0	554.5	560.5	562.7
22.5°	531.9	528.1	526.6	524.4	522.1	521.4	524.4	523.6	528.9	531.1	531.9
25°	504.8	501.8	501.0	497.3	495.8	493.5	495.8	498.0	504.1	506.3	509.3
27.5°	480.0	477.7	476.2	473.2	471.0	471.0	472.5	475.5	477.7	479.2	480.7
30°	457.4	455.9	451.4	449.9	447.6	447.6	447.6	449.1	452.9	457.4	459.7
32.5°	434.1	431.1	428.1	428.1	425.8	425.8	426.6	428.1	431.8	432.6	436.3
35°	411.5	408.5	406.3	404.7	405.5	402.5	404.0	406.3	410.8	412.3	414.5
37.5°	389.7	388.9	384.4	382.2	383.7	383.7	382.9	384.4	387.4	390.5	392.0
40°	365.6	364.1	364.1	361.9	362.6	359.6	361.9	363.4	364.9	367.9	370.1
42.5°	344.6	343.1	340.0	340.8	338.5	338.5	340.0	340.8	343.1	346.8	348.3
45°	322.0	322.0	320.5	318.2	319.0	316.7	318.2	319.0	322.0	325.8	324.2
47.5°	300.2	299.4	299.4	296.4	297.9	295.7	297.9	298.7	300.2	302.4	301.7
50°	279.1	276.9	277.6	276.9	276.1	276.1	277.6	277.6	279.1	279.1	281.4
52.5°	257.3	257.3	255.8	256.5	258.0	256.5	258.8	256.5	258.0	258.8	260.3
55°	237.7	236.2	237.0	236.2	239.2	237.0	239.2	237.7	239.2	238.5	240.0
57.5°	216.7	214.4	215.2	214.4	216.7	215.9	218.2	215.9	216.7	217.4	219.7
60°	192.6	192.6	192.6	191.1	193.3	193.3	192.6	192.6	195.6	197.1	196.4
62.5°	170.0	169.3	167.0	166.3	167.0	165.5	168.5	167.8	169.3	170.8	172.3
65°	145.2	143.7	142.9	141.4	141.4	140.7	141.4	144.4	145.2	145.9	149.7
67.5°	124.9	124.1	123.4	121.1	121.1	122.6	122.6	122.6	127.1	124.9	127.9
70°	106.8	105.3	103.8	103.1	103.1	103.8	104.6	105.3	104.6	107.6	108.3
72.5°	89.5	90.3	88.8	88.8	88.8	88.0	88.0	89.5	90.3	89.5	90.3
75°	74.5	74.5	73.7	74.5	74.5	73.7	73.7	75.2	75.2	74.5	76.7
77.5°	60.2	59.4	57.9	56.4	57.2	56.4	57.2	56.4	58.7	60.9	59.4
80°	42.1	41.4	41.4	41.4	42.1	41.4	42.9	41.4	42.1	42.1	42.9
82.5°	30.1	30.8	30.8	30.1	30.8	30.1	30.8	30.8	30.8	30.1	30.8
85°	19.6	19.6	19.6	19.6	18.8	19.6	19.6	19.6	20.3	19.6	20.3
87.5°	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	9.0	8.3	9.0
90°	15.7	16.0	16.5	17.0	17.5	18.0	17.5	17.0	16.5	16.0	15.7
92.5°	15.7	15.8	16.0	16.1	16.3	16.5	16.3	16.1	16.0	15.8	15.7
95°	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7
97.5°	15.0	15.1	15.2	15.4	15.5	15.7	15.5	15.4	15.2	15.1	15.0
100°	18.7	18.4	17.7	17.0	16.4	15.7	16.4	17.0	17.7	18.4	18.7
102.5°	176.9	169.9	155.9	141.9	127.9	113.9	127.9	141.9	155.9	169.9	176.9
105°	223.3	223.2	223.1	222.9	222.8	222.6	222.8	222.9	223.1	223.2	223.3
107.5°	273.5	273.2	272.5	271.8	271.2	270.5	271.2	271.8	272.5	273.2	273.5
110°	320.0	320.1	320.3	320.4	320.6	320.8	320.6	320.4	320.3	320.1	320.0

TEST NUMBER: P1036058

CATALOG NUMBER: S125RDIW-B610D770UB40-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
112.5°	367.2	367.0	366.7	366.4	366.0	365.7	366.0	366.4	366.7	367.0	367.2
115°	415.2	414.7	413.7	412.7	411.7	410.7	411.7	412.7	413.7	414.7	415.2
117.5°	460.9	460.7	460.4	460.1	459.7	459.4	459.7	460.1	460.4	460.7	460.9
120°	507.4	507.0	506.1	505.3	504.4	503.6	504.4	505.3	506.1	507.0	507.4
122.5°	550.1	549.6	548.6	547.6	546.6	545.6	546.6	547.6	548.6	549.6	550.1
125°	590.5	590.3	589.8	589.3	588.8	588.3	588.8	589.3	589.8	590.3	590.5
127.5°	629.5	628.8	627.5	626.2	624.8	623.5	624.8	626.2	627.5	628.8	629.5
130°	666.2	665.8	665.0	664.1	663.3	662.5	663.3	664.1	665.0	665.8	666.2
132.5°	702.2	701.8	701.0	700.1	699.3	698.5	699.3	700.1	701.0	701.8	702.2
135°	735.2	734.7	733.7	732.7	731.7	730.7	731.7	732.7	733.7	734.7	735.2
137.5°	768.2	767.8	766.9	766.1	765.2	764.4	765.2	766.1	766.9	767.8	768.2
140°	798.1	797.6	796.6	795.6	794.6	793.6	794.6	795.6	796.6	797.6	798.1
142.5°	825.9	825.4	824.4	823.4	822.4	821.4	822.4	823.4	824.4	825.4	825.9
145°	852.8	852.3	851.3	850.3	849.3	848.3	849.3	850.3	851.3	852.3	852.8
147.5°	876.1	875.5	874.3	873.2	872.0	870.8	872.0	873.2	874.3	875.5	876.1
150°	898.6	897.9	896.6	895.3	893.9	892.6	893.9	895.3	896.6	897.9	898.6
152.5°	918.0	917.4	916.3	915.1	914.0	912.8	914.0	915.1	916.3	917.4	918.0
155°	936.0	935.3	934.0	932.7	931.3	930.0	931.3	932.7	934.0	935.3	936.0
157.5°	951.0	950.3	949.0	947.7	946.3	945.0	946.3	947.7	949.0	950.3	951.0
160°	965.3	964.6	963.3	962.0	960.6	959.3	960.6	962.0	963.3	964.6	965.3
162.5°	978.7	978.0	976.5	975.0	973.5	972.0	973.5	975.0	976.5	978.0	978.7
165°	989.2	988.5	987.2	985.9	984.5	983.2	984.5	985.9	987.2	988.5	989.2
167.5°	998.2	997.5	996.0	994.5	993.0	991.5	993.0	994.5	996.0	997.5	998.2
170°	1005.0	1004.2	1002.7	1001.2	999.7	998.2	999.7	1001.2	1002.7	1004.2	1005.0
172.5°	1009.5	1008.7	1007.2	1005.7	1004.2	1002.7	1004.2	1005.7	1007.2	1008.7	1009.5
175°	1013.2	1012.5	1011.0	1009.5	1008.0	1006.5	1008.0	1009.5	1011.0	1012.5	1013.2
177.5°	1014.7	1014.0	1012.7	1011.4	1010.0	1008.7	1010.0	1011.4	1012.7	1014.0	1014.7
180°	1011.0	1011.0	1011.0	1011.0	1011.0	1011.0	1011.0	1011.0	1011.0	1011.0	1011.0

TEST NUMBER: P1036058

CATALOG NUMBER: S125RDIW-B610D770UB40-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
0°	916.3	916.3	916.3	916.3	916.3	916.3	916.3	916.3	916.3	916.3	916.3
2.5°	866.7	870.4	867.4	865.2	871.2	874.2	874.2	879.5	884.7	889.2	890.0
5°	813.3	819.3	820.8	820.0	829.1	833.6	843.3	848.6	856.1	861.4	867.4
7.5°	764.4	772.6	773.4	774.9	788.4	796.0	804.2	817.8	828.3	835.8	842.6
10°	715.5	720.7	726.0	732.8	746.3	759.1	771.1	785.4	799.0	806.5	816.3
12.5°	678.6	682.4	688.4	692.9	707.2	718.5	734.3	753.8	773.4	779.4	791.4
15°	640.2	642.5	654.5	659.0	671.1	689.9	699.7	718.5	739.5	750.8	764.4
17.5°	595.8	609.4	616.9	622.2	637.2	652.3	668.1	687.6	714.7	725.2	735.0
20°	564.2	574.0	582.3	589.1	602.6	625.2	639.5	655.3	680.8	692.9	707.2
22.5°	536.4	544.7	552.2	559.7	568.8	589.1	605.6	627.4	653.0	664.3	680.8
25°	510.1	518.3	522.9	531.9	543.9	558.2	577.8	597.3	622.9	635.7	651.5
27.5°	484.5	492.8	501.0	508.6	516.8	530.4	543.9	568.8	595.1	610.1	623.7
30°	462.7	466.4	474.0	482.2	490.5	503.3	519.1	536.4	566.5	580.0	596.6
32.5°	438.6	445.4	450.6	456.7	467.2	477.7	492.0	513.8	537.9	550.7	568.8
35°	416.0	422.0	425.8	436.3	443.1	454.4	468.7	488.3	508.6	522.9	538.7
37.5°	394.2	400.2	404.7	410.8	419.8	429.6	444.6	458.9	483.0	495.0	513.1
40°	371.6	376.9	382.2	388.9	397.2	409.3	418.3	436.3	455.9	469.4	483.0
42.5°	349.8	352.8	358.9	366.4	374.7	385.2	398.0	412.3	431.8	443.9	455.9
45°	326.5	331.8	338.5	343.8	351.3	361.9	373.1	385.9	405.5	417.5	430.3
47.5°	304.7	308.4	313.0	321.2	331.0	338.5	350.6	362.6	380.7	392.0	404.0
50°	282.1	285.9	292.7	297.9	305.4	315.2	326.5	339.3	356.6	364.1	376.2
52.5°	261.1	262.6	269.3	274.6	282.1	293.4	302.4	313.7	330.3	338.5	350.6
55°	240.0	241.5	245.3	250.5	258.8	267.8	277.6	290.4	304.7	312.2	323.5
57.5°	218.2	219.7	223.4	227.2	235.5	243.8	255.0	265.6	279.9	286.6	297.2
60°	196.4	196.4	200.1	205.4	211.4	218.9	228.7	241.5	252.0	260.3	267.8
62.5°	173.0	175.3	177.5	181.3	188.1	197.1	205.4	214.4	227.2	233.2	240.0
65°	149.7	152.0	156.5	160.2	165.5	171.5	182.1	189.6	199.4	206.1	212.2
67.5°	129.4	131.7	134.7	139.2	142.9	149.7	157.2	164.8	175.3	179.8	184.3
70°	108.3	110.6	112.8	118.9	122.6	127.9	133.2	140.7	149.7	152.7	156.5
72.5°	91.8	92.5	95.5	97.0	102.3	106.8	112.8	117.4	124.1	127.9	130.9
75°	77.5	77.5	78.2	79.7	82.8	85.8	90.3	94.8	100.8	103.1	106.8
77.5°	60.9	63.2	62.4	63.9	65.5	67.0	70.7	73.7	79.7	81.3	82.8
80°	43.6	44.4	46.6	48.9	48.9	51.2	53.4	54.2	57.9	60.2	60.2
82.5°	31.6	32.3	31.6	32.3	33.1	33.9	36.1	39.1	39.1	39.9	41.4
85°	19.6	19.6	20.3	21.1	21.1	20.3	21.8	21.1	21.8	23.3	23.3
87.5°	9.8	9.0	9.0	9.0	9.0	9.0	9.8	9.0	9.8	9.8	9.8
90°	15.3	14.5	13.6	12.8	12.0	10.8	9.6	8.5	7.3	6.7	6.0
92.5°	15.3	14.5	13.6	12.8	12.0	11.0	10.0	9.0	8.0	7.5	8.2
95°	15.3	14.5	13.6	12.8	12.0	18.3	24.7	31.0	37.3	40.5	40.7
97.5°	14.8	14.5	14.2	13.8	13.5	29.3	45.1	61.0	76.8	84.7	84.2
100°	31.1	55.9	80.8	105.6	130.4	129.7	129.1	128.4	127.7	127.4	127.2
102.5°	176.7	176.4	176.1	175.7	175.4	175.1	174.7	174.4	174.1	173.9	173.6
105°	223.3	223.3	223.3	223.3	223.3	223.3	223.3	223.3	223.3	223.3	223.0
107.5°	273.4	273.3	273.1	273.0	272.8	272.5	272.1	271.8	271.5	271.3	271.3
110°	320.3	320.8	321.3	321.8	322.3	322.0	321.6	321.3	321.0	320.8	320.8

TEST NUMBER: P1036058

CATALOG NUMBER: S125RDIW-B610D770UB40-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
112.5°	367.5	368.2	368.9	369.5	370.2	370.0	369.9	369.7	369.6	369.5	369.2
115°	415.5	416.2	416.9	417.5	418.2	418.0	417.8	417.7	417.5	417.4	417.0
117.5°	461.4	462.4	463.4	464.4	465.4	464.7	464.1	463.4	462.7	462.4	462.4
120°	507.6	507.9	508.2	508.6	508.9	508.4	507.9	507.4	506.9	506.6	506.7
122.5°	550.3	550.6	550.9	551.3	551.6	551.4	551.2	551.1	550.9	550.8	550.4
125°	590.8	591.5	592.2	592.8	593.5	593.5	593.5	593.5	593.5	593.5	592.9
127.5°	629.7	630.0	630.3	630.7	631.0	631.2	631.4	631.5	631.7	631.8	631.4
130°	666.5	667.0	667.5	668.0	668.5	668.3	668.1	668.0	667.8	667.7	667.3
132.5°	702.2	702.2	702.2	702.2	702.2	702.7	703.2	703.7	704.2	704.5	704.0
135°	735.4	735.7	736.0	736.4	736.7	737.0	737.4	737.7	738.0	738.2	737.7
137.5°	768.2	768.2	768.2	768.2	768.2	768.5	768.9	769.2	769.5	769.7	769.2
140°	797.9	797.6	797.3	796.9	796.6	796.8	797.0	797.1	797.3	797.4	797.2
142.5°	825.9	825.9	825.9	825.9	825.9	825.6	825.2	824.9	824.6	824.4	824.3
145°	852.7	852.6	852.4	852.3	852.1	852.1	852.1	852.1	852.1	852.1	851.9
147.5°	876.0	875.8	875.7	875.5	875.3	875.1	875.0	874.8	874.7	874.6	874.6
150°	898.4	898.1	897.8	897.4	897.1	896.8	896.4	896.1	895.8	895.6	895.8
152.5°	917.8	917.5	917.2	916.8	916.5	916.2	915.8	915.5	915.2	915.0	915.4
155°	935.8	935.3	934.8	934.3	933.8	933.5	933.1	932.8	932.5	932.3	932.8
157.5°	950.8	950.3	949.8	949.3	948.8	948.8	948.8	948.8	948.8	948.8	949.0
160°	965.0	964.3	963.6	963.0	962.3	962.1	961.9	961.8	961.6	961.5	962.0
162.5°	978.2	977.2	976.3	975.3	974.3	974.1	973.9	973.8	973.6	973.5	974.0
165°	988.7	987.7	986.7	985.7	984.7	984.5	984.4	984.2	984.1	984.0	984.5
167.5°	997.6	996.5	995.3	994.2	993.0	992.8	992.6	992.5	992.3	992.2	992.7
170°	1004.3	1003.0	1001.7	1000.3	999.0	998.8	998.6	998.5	998.3	998.2	998.8
172.5°	1008.9	1007.7	1006.6	1005.4	1004.2	1003.9	1003.5	1003.2	1002.9	1002.7	1003.3
175°	1012.5	1011.2	1009.9	1008.5	1007.2	1007.0	1006.9	1006.7	1006.6	1006.5	1007.0
177.5°	1014.1	1013.0	1011.8	1010.7	1009.5	1009.3	1009.1	1009.0	1008.8	1008.7	1009.2
180°	1011.0	1011.0	1011.0	1011.0	1011.0	1011.0	1011.0	1011.0	1011.0	1011.0	1011.0

TEST NUMBER: P1036058

CATALOG NUMBER: S125RDIW-B610D770UB40-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
0°	916.3	916.3	916.3	916.3
2.5°	895.3	902.0	908.8	917.1
5°	877.2	889.2	902.0	914.1
7.5°	857.6	874.9	891.5	908.8
10°	835.8	857.6	876.4	900.5
12.5°	811.7	835.1	861.4	888.5
15°	787.7	817.0	844.9	875.7
17.5°	765.1	792.9	823.8	860.6
20°	738.0	768.9	803.5	842.6
22.5°	709.4	743.3	780.9	823.0
25°	685.4	720.0	756.1	800.5
27.5°	659.0	695.1	730.5	777.9
30°	628.9	668.1	704.2	753.1
32.5°	600.3	639.5	679.3	725.2
35°	572.5	610.9	650.8	697.4
37.5°	546.2	580.8	619.9	662.0
40°	521.4	553.0	587.6	625.9
42.5°	489.8	526.6	559.0	586.8
45°	462.7	492.8	522.9	545.4
47.5°	431.1	461.2	486.7	504.8
50°	404.7	428.8	449.9	465.7
52.5°	373.1	395.7	413.0	425.1
55°	342.3	361.9	376.9	385.2
57.5°	314.5	327.3	338.5	346.1
60°	283.6	293.4	303.2	311.5
62.5°	250.5	261.1	266.3	275.3
65°	221.2	228.0	236.2	239.2
67.5°	192.6	196.4	201.6	207.6
70°	162.5	164.8	170.0	178.3
72.5°	136.2	138.4	142.2	145.2
75°	108.3	110.6	113.6	116.6
77.5°	85.0	85.8	87.3	90.3
80°	61.7	63.9	65.5	66.2
82.5°	42.9	43.6	43.6	44.4
85°	27.1	25.6	25.6	26.3
87.5°	9.8	11.3	11.3	12.8
90°	4.7	3.4	2.0	0.7
92.5°	9.7	11.2	12.7	14.2
95°	41.2	41.7	42.2	42.7
97.5°	83.2	82.2	81.2	80.2
100°	126.7	126.2	125.7	125.2
102.5°	172.9	172.2	171.6	170.9
105°	222.3	221.6	221.0	220.3
107.5°	271.3	271.3	271.3	271.3
110°	320.8	320.8	320.8	320.8

TEST NUMBER: P1036058

CATALOG NUMBER: S125RDIW-B610D770UB40-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
112.5°	368.7	368.2	367.7	367.2
115°	416.2	415.3	414.5	413.7
117.5°	462.4	462.4	462.4	462.4
120°	506.9	507.0	507.2	507.4
122.5°	549.6	548.7	547.9	547.1
125°	591.8	590.6	589.5	588.3
127.5°	630.5	629.7	628.8	628.0
130°	666.5	665.6	664.8	664.0
132.5°	703.0	702.0	701.0	700.0
135°	736.7	735.7	734.7	733.7
137.5°	768.2	767.2	766.2	765.2
140°	796.9	796.6	796.2	795.9
142.5°	824.1	824.0	823.8	823.6
145°	851.6	851.3	850.9	850.6
147.5°	874.6	874.6	874.6	874.6
150°	896.1	896.4	896.8	897.1
152.5°	916.3	917.1	918.0	918.8
155°	933.8	934.8	935.8	936.8
157.5°	949.5	950.0	950.5	951.0
160°	963.0	964.0	965.0	966.0
162.5°	975.0	976.0	977.0	978.0
165°	985.5	986.5	987.5	988.5
167.5°	993.7	994.7	995.7	996.7
170°	1000.0	1001.1	1002.3	1003.5
172.5°	1004.5	1005.6	1006.8	1008.0
175°	1008.0	1009.0	1010.0	1011.0
177.5°	1010.2	1011.2	1012.2	1013.2
180°	1011.0	1011.0	1011.0	1011.0

(END OF REPORT)