

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: P1036031

Luminaire Tested: S125RDIW-B610D470UB30-4F0-XX-W2A-A1

Issue Date: 5/7/2025

Test Information

Test Method: LM-79-2019
Report Number: P1036031
REPORT IS A COMBINATION OF REPORTS P1006732 AND P1007351
Test Lab: INNOVATION CENTER
Issue Date: 5/7/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: NEO-RAY
Catalog Number: S125RDIW-B610D470UB30-4F0-XX-W2A-A1
Description: Define 5 Regressed Direct/Indirect Wall Mount with 3000K BioUP LEDs {m-DER=0.589}
{m-EER=0.647}
Light Source: -
Ballast/Driver: -

Summary

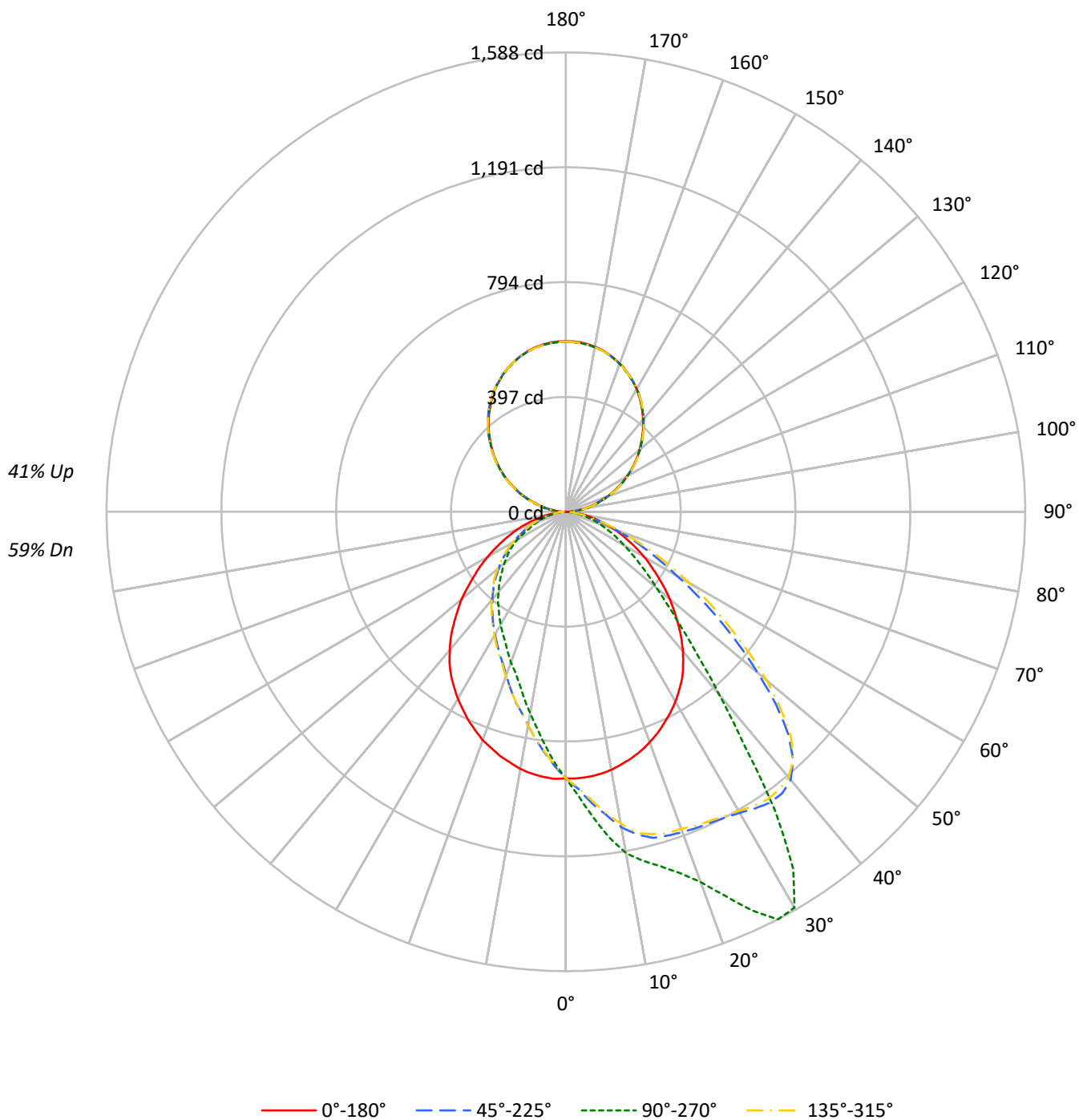
Lumens per Lamp: N/A
Luminaire Lumens: 4032.0 lumens
Efficiency: N/A
Efficacy: 108.4 lumens/watt
Spacing Criteria (0/90/45): 1.21 / 1.4 / 1.47
Luminous Opening: Rectangular w/ Sides (W: 0.42' x L: 4' x H: 0.1')
CIE Type: General Diffuse

Input Watts (W): 37.2
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



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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	109	109	109	109	102	102	102	102	88	88	88	76	76	76	65	65	65
1	100	96	92	89	94	90	87	84	78	76	74	68	66	64	58	57	56
2	92	85	79	74	86	79	74	70	69	65	62	60	57	55	52	49	48
3	84	75	68	62	78	70	64	59	61	57	53	53	50	47	46	43	41
4	77	66	59	53	72	62	55	50	55	49	45	48	44	40	41	38	36
5	71	59	51	45	66	56	49	43	49	44	39	43	39	35	37	34	31
6	65	53	45	40	61	50	43	38	45	39	34	39	35	31	34	30	28
7	61	48	40	35	57	46	38	33	41	35	30	36	31	28	31	27	25
8	56	44	36	31	53	42	35	30	37	31	27	33	28	25	29	25	22
9	52	40	33	28	49	38	31	27	34	28	24	30	25	22	26	23	20
10	49	37	30	25	46	35	28	24	31	26	22	28	23	20	25	21	18

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	5905	5905	5905	5905
5°	5901	6656	5901	5116
10°	5867	7479	5848	4422
15°	5804	7913	5764	3850
20°	5727	8542	5676	3480
25°	5627	9669	5563	3159
30°	5524	10277	5442	2929
35°	5392	8452	5317	2714
40°	5158	5739	5114	2521
45°	4850	4126	4843	2332
50°	4534	3173	4556	2156
55°	4179	2580	4171	1987
60°	3848	2115	3830	1765
65°	3462	1762	3485	1420
70°	3145	1414	3131	1182
75°	2656	1071	2656	973
80°	2152	653	2126	653
85°	1515	344	1469	389

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 135°

Vertical Angle: 45°

Luminance: 8406 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	88.4	2.2
10°-20°	259.1	6.4
20°-30°	410.9	10.2
30°-40°	496.5	12.3
40°-50°	442.0	11.0
50°-60°	339.0	8.4
60°-70°	220.1	5.5
70°-80°	106.8	2.6
80°-90°	26.0	0.6
90°-100°	39.1	1.0
100°-110°	116.3	2.9
110°-120°	197.2	4.9
120°-130°	259.7	6.4
130°-140°	291.0	7.2
140°-150°	285.2	7.1
150°-160°	239.6	5.9
160°-170°	159.2	3.9
170°-180°	55.7	1.4
0°-30°	758.4	18.8
0°-40°	1254.9	31.1
0°-60°	2035.9	50.5
0°-90°	2388.9	59.2
90°-120°	352.7	8.7
90°-150°	1188.5	29.5
90°-180°	1643.0	40.7
0°-180°	4032.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	922	922	922	922	922	
5°	920	1056	920	812	920	87
15°	881	1269	875	618	881	248
25°	805	1520	796	496	805	371
35°	702	1261	692	405	702	437
45°	549	564	548	319	549	423
55°	388	310	387	238	388	347
65°	241	176	242	142	241	241
75°	117	82	117	74	117	126
85°	26	17	26	20	26	30
90°	0	11	0	11	0	4
95°	30	39	30	39	30	31
105°	104	114	104	114	104	111
115°	198	199	198	199	198	195
125°	288	290	288	290	288	258
135°	375	376	375	376	375	289
145°	454	456	454	456	454	284
155°	520	520	520	520	520	239
165°	565	564	565	564	565	159
175°	587	585	587	585	587	56
180°	589	589	589	589	589	

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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	921.7	921.7	921.7	921.7	921.7	921.7	921.7	921.7	921.7	921.7	921.7
2.5°	922.5	930.0	932.3	938.4	945.2	946.7	950.5	955.8	958.8	958.0	958.0
5°	919.5	932.3	941.4	952.0	964.9	970.2	974.7	986.0	995.1	1000.4	1009.5
7.5°	914.2	933.1	948.2	964.1	983.8	992.9	1002.7	1018.6	1035.2	1045.8	1055.7
10°	905.8	930.0	951.2	974.7	1001.2	1014.8	1026.9	1051.1	1071.6	1085.2	1107.9
12.5°	893.7	924.0	953.5	984.5	1017.8	1032.2	1048.9	1075.3	1104.1	1123.8	1142.7
15°	880.9	917.2	949.0	986.0	1026.2	1048.1	1069.3	1097.3	1123.0	1145.0	1166.9
17.5°	865.7	904.3	943.7	986.0	1031.5	1053.4	1071.6	1104.9	1132.1	1154.0	1173.7
20°	847.6	890.7	935.3	982.3	1028.4	1048.9	1066.3	1102.6	1126.8	1150.3	1178.3
22.5°	827.9	874.8	922.5	968.6	1014.0	1036.0	1056.4	1088.2	1114.7	1146.5	1182.8
25°	805.2	856.6	905.1	951.2	994.4	1014.8	1033.0	1067.8	1104.9	1145.0	1185.8
27.5°	782.5	832.4	879.3	921.7	968.6	987.6	1005.7	1049.6	1093.5	1135.9	1191.9
30°	757.5	808.2	849.1	888.4	933.8	953.5	976.2	1026.2	1076.1	1133.6	1201.7
32.5°	729.5	775.7	813.5	854.4	895.2	919.5	948.2	1002.7	1060.2	1129.1	1216.1
35°	701.5	738.6	773.4	812.0	861.2	886.9	914.9	972.4	1044.3	1126.8	1228.2
37.5°	665.9	701.5	728.8	768.1	818.8	849.1	877.1	943.7	1025.4	1121.5	1227.5
40°	629.6	659.9	685.6	726.5	781.7	809.7	840.0	912.6	1005.7	1106.4	1209.3
42.5°	590.3	616.0	644.0	683.3	737.1	764.3	799.1	883.9	978.5	1085.2	1162.4
45°	548.6	573.6	597.1	637.9	691.7	721.2	759.0	846.0	945.2	1040.5	1086.7
47.5°	507.8	529.7	554.7	590.3	644.8	677.3	715.9	809.0	900.5	980.8	984.5
50°	468.4	485.8	507.0	543.3	600.1	631.1	671.2	758.3	847.6	902.8	865.7
52.5°	427.6	443.5	465.4	497.2	550.2	586.5	621.3	708.3	783.2	820.3	752.2
55°	387.5	401.1	423.8	459.3	505.5	533.5	569.1	650.1	715.9	716.6	642.5
57.5°	348.1	360.2	379.1	410.9	454.1	486.6	519.1	589.5	634.2	621.3	538.8
60°	313.3	320.9	338.3	369.3	409.4	432.9	467.7	526.7	556.2	532.8	444.2
62.5°	277.0	284.5	298.2	323.1	361.0	385.9	407.9	456.3	476.8	441.2	368.5
65°	240.6	249.7	259.6	279.2	314.8	331.5	351.1	386.7	406.4	364.8	301.9
67.5°	208.9	213.4	223.2	243.7	268.6	283.8	297.4	321.6	325.4	292.1	240.6
70°	179.4	180.9	189.9	202.1	221.0	230.1	241.4	255.8	255.8	228.5	187.7
72.5°	146.1	148.3	155.1	168.0	179.4	183.9	187.7	196.8	195.2	170.3	142.3
75°	117.3	118.8	124.1	130.2	134.7	143.0	146.1	144.5	143.8	122.6	106.7
77.5°	90.8	91.6	95.4	100.6	101.4	104.4	102.2	102.2	95.4	83.2	74.9
80°	66.6	67.4	68.9	70.4	70.4	70.4	70.4	66.6	62.1	54.5	52.2
82.5°	44.6	44.6	45.4	46.9	46.2	44.6	43.1	39.4	36.3	34.1	32.5
85°	26.5	26.5	27.2	26.5	23.5	22.7	21.2	20.4	19.7	18.9	18.9
87.5°	12.9	12.1	10.6	9.1	9.1	9.1	9.1	9.1	9.1	8.3	8.3
90°	0.5	1.3	2.1	2.9	3.7	4.1	4.5	5.2	5.9	6.6	7.3
92.5°	13.7	14.2	14.7	15.2	15.7	16.0	16.5	17.4	18.3	19.3	20.2
95°	29.8	30.0	30.2	30.4	30.6	30.7	31.2	32.2	33.3	34.3	35.3
97.5°	45.8	45.9	46.0	46.1	46.2	46.3	47.0	48.4	49.9	51.3	52.7
100°	64.1	64.1	64.1	64.1	64.1	64.1	64.8	66.1	67.4	68.8	70.1
102.5°	83.8	84.3	84.8	85.3	85.8	86.1	86.4	86.9	87.4	87.9	88.4
105°	104.5	105.0	105.5	106.0	106.5	106.7	107.0	107.6	108.3	108.9	109.5
107.5°	126.9	127.4	127.9	128.4	128.9	129.2	129.5	130.0	130.5	131.0	131.5
110°	150.3	150.8	151.3	151.8	152.3	152.6	152.7	153.0	153.3	153.6	153.9

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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	174.1	174.3	174.5	174.7	174.9	175.0	175.2	175.6	176.0	176.4	176.8
115°	197.5	197.9	198.3	198.7	199.1	199.3	199.4	199.6	199.8	200.0	200.2
117.5°	221.3	221.4	221.5	221.6	221.7	221.7	221.8	222.0	222.3	222.5	222.7
120°	243.3	243.8	244.3	244.8	245.3	245.6	245.6	245.7	245.8	245.9	246.0
122.5°	267.1	267.2	267.3	267.4	267.5	267.6	267.7	268.0	268.3	268.6	268.9
125°	288.2	288.8	289.4	290.0	290.6	290.9	291.0	291.1	291.2	291.3	291.4
127.5°	311.5	311.8	312.1	312.4	312.7	312.9	313.0	313.1	313.2	313.3	313.4
130°	332.2	332.7	333.2	333.7	334.2	334.5	334.6	334.8	335.0	335.2	335.4
132.5°	352.8	353.7	354.6	355.5	356.4	356.9	356.8	356.7	356.6	356.5	356.4
135°	374.8	375.4	376.0	376.6	377.2	377.5	377.6	377.7	377.8	377.9	378.0
137.5°	395.4	396.0	396.6	397.2	397.8	398.1	398.2	398.4	398.7	398.9	399.1
140°	415.1	415.6	416.1	416.6	417.1	417.4	417.6	417.9	418.2	418.5	418.8
142.5°	434.8	435.2	435.6	436.0	436.4	436.6	436.8	437.2	437.7	438.1	438.5
145°	454.0	454.4	454.8	455.3	455.7	455.9	456.0	456.3	456.6	456.9	457.2
147.5°	471.9	472.2	472.5	472.8	473.1	473.3	473.4	473.6	473.8	474.0	474.2
150°	489.8	489.7	489.6	489.5	489.4	489.3	489.5	489.9	490.3	490.7	491.1
152.5°	504.4	504.6	504.8	505.0	505.2	505.3	505.4	505.5	505.6	505.7	505.8
155°	519.5	519.5	519.5	519.5	519.5	519.5	519.6	519.7	519.8	519.9	520.0
157.5°	533.3	533.1	532.9	532.7	532.5	532.4	532.4	532.5	532.6	532.7	532.8
160°	545.2	544.9	544.6	544.3	544.0	543.8	543.9	544.0	544.1	544.2	544.3
162.5°	555.7	555.5	555.3	555.1	554.9	554.8	554.8	554.8	554.8	554.8	554.8
165°	564.9	564.7	564.5	564.3	564.1	564.0	564.0	564.1	564.2	564.3	564.4
167.5°	573.1	572.7	572.3	571.9	571.5	571.3	571.3	571.3	571.3	571.3	571.3
170°	579.6	579.2	578.8	578.3	577.9	577.7	577.7	577.7	577.7	577.7	577.7
172.5°	584.1	583.7	583.3	582.9	582.5	582.3	582.3	582.3	582.3	582.3	582.3
175°	587.4	587.0	586.6	586.1	585.7	585.5	585.5	585.5	585.5	585.5	585.5
177.5°	589.6	589.2	588.8	588.4	588.0	587.8	587.8	587.7	587.6	587.5	587.4
180°	588.7	588.7	588.7	588.7	588.7	588.7	588.7	588.7	588.7	588.7	588.7

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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	921.7	921.7	921.7	921.7	921.7	921.7	921.7	921.7	921.7	921.7	921.7
2.5°	961.8	967.1	971.7	969.4	978.5	977.7	979.2	982.3	983.0	981.5	978.5
5°	1014.0	1021.6	1034.5	1041.3	1039.8	1045.8	1048.9	1053.4	1057.9	1056.4	1056.4
7.5°	1072.3	1082.9	1095.8	1113.2	1115.5	1120.8	1129.8	1129.8	1135.1	1132.9	1132.1
10°	1123.0	1135.9	1156.3	1169.9	1176.0	1179.0	1188.1	1191.1	1197.2	1197.9	1197.9
12.5°	1164.6	1187.3	1201.0	1214.6	1217.6	1222.2	1229.0	1233.5	1235.8	1235.8	1233.5
15°	1186.6	1204.8	1220.6	1235.0	1243.3	1247.1	1253.9	1259.2	1262.3	1269.1	1270.6
17.5°	1195.7	1217.6	1243.3	1263.8	1278.2	1281.9	1295.6	1300.1	1306.2	1309.2	1313.0
20°	1208.5	1240.3	1271.3	1296.3	1309.9	1319.8	1334.2	1355.3	1361.4	1361.4	1359.1
22.5°	1219.9	1260.8	1303.1	1343.2	1354.6	1374.3	1400.7	1423.5	1432.5	1436.3	1433.3
25°	1233.5	1289.5	1344.8	1394.7	1425.7	1440.1	1475.7	1502.9	1513.5	1519.6	1521.1
27.5°	1257.0	1327.3	1397.7	1461.3	1493.1	1509.7	1546.8	1570.3	1583.1	1588.4	1584.6
30°	1283.5	1369.7	1451.5	1508.2	1529.4	1549.8	1574.0	1583.1	1580.1	1580.1	1591.5
32.5°	1310.7	1400.0	1472.6	1509.7	1517.3	1514.3	1504.4	1477.2	1461.3	1461.3	1471.1
35°	1325.8	1403.0	1440.1	1428.0	1398.5	1381.1	1327.3	1297.1	1263.0	1260.8	1272.1
37.5°	1317.5	1350.8	1335.7	1256.2	1216.1	1182.8	1098.8	1065.5	1040.5	1005.7	1059.5
40°	1259.2	1247.9	1169.2	1054.9	1010.3	963.3	896.8	863.5	828.6	823.3	836.2
42.5°	1160.9	1093.5	978.5	868.0	822.6	789.3	738.6	706.1	684.1	675.0	690.2
45°	1038.3	932.3	817.3	729.5	679.6	662.2	616.0	587.2	570.6	563.8	574.4
47.5°	888.4	781.7	672.8	598.6	569.1	551.7	520.6	495.7	481.3	476.8	481.3
50°	754.5	644.8	553.2	505.5	479.0	464.6	438.9	423.0	411.7	408.6	416.2
52.5°	638.7	538.8	469.2	426.8	409.4	397.3	379.1	365.5	358.7	355.7	361.0
55°	535.0	454.1	398.1	361.7	348.9	341.3	325.4	317.8	310.3	309.5	314.8
57.5°	443.5	387.5	336.0	310.3	306.5	295.1	281.5	274.7	270.9	270.2	272.4
60°	369.3	319.3	288.3	265.6	260.3	251.2	243.7	239.1	234.6	233.1	234.6
62.5°	307.2	267.9	242.9	227.8	220.2	217.9	209.6	204.3	203.6	203.6	205.1
65°	253.5	220.2	204.3	192.2	186.9	184.6	178.6	174.8	175.6	175.6	176.3
67.5°	206.6	182.4	168.0	161.9	157.4	156.6	150.6	149.1	147.6	147.6	149.1
70°	164.2	149.1	138.5	135.5	134.7	129.4	127.1	126.4	124.1	124.9	124.9
72.5°	128.6	118.8	112.8	108.2	109.0	105.9	102.9	102.9	101.4	103.7	103.7
75°	95.4	90.8	86.3	84.8	86.3	84.8	82.5	81.7	82.5	81.7	81.7
77.5°	70.4	68.1	66.6	65.8	65.8	62.8	61.3	62.8	59.8	61.3	61.3
80°	49.2	46.2	45.4	43.9	44.6	42.4	43.1	41.6	41.6	41.6	41.6
82.5°	31.0	30.3	30.3	30.3	29.5	29.5	29.5	29.5	29.5	29.5	28.8
85°	18.9	18.2	18.2	18.2	17.4	17.4	17.4	17.4	17.4	17.4	17.4
87.5°	7.6	8.3	8.3	9.1	8.3	7.6	7.6	7.6	8.3	8.3	7.6
90°	7.8	8.3	8.8	9.3	9.6	9.8	10.1	10.4	10.7	11.0	10.7
92.5°	20.9	21.6	22.3	23.0	23.4	23.5	23.7	23.9	24.1	24.3	24.1
95°	36.0	36.7	37.4	38.1	38.5	38.6	38.8	39.0	39.2	39.4	39.2
97.5°	53.3	53.9	54.5	55.1	55.4	55.5	55.6	55.7	55.8	55.9	55.8
100°	71.0	71.9	72.8	73.7	74.2	74.3	74.5	74.7	74.9	75.1	74.9
102.5°	89.4	90.4	91.5	92.5	93.0	93.2	93.5	93.8	94.1	94.4	94.1
105°	110.1	110.7	111.3	111.9	112.2	112.4	112.7	113.0	113.3	113.6	113.3
107.5°	131.8	132.1	132.4	132.7	132.9	132.9	132.9	132.9	132.9	132.9	132.9
110°	154.2	154.5	154.8	155.1	155.3	155.3	155.2	155.1	155.0	154.9	155.0

TEST NUMBER: P1036031

CATALOG NUMBER: S125RDIW-B610D470UB30-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	176.9	177.0	177.1	177.2	177.3	177.2	177.0	176.8	176.6	176.4	176.6
115°	200.1	200.0	199.9	199.8	199.8	199.7	199.6	199.5	199.4	199.3	199.4
117.5°	222.8	222.9	223.0	223.1	223.1	222.9	222.5	222.1	221.7	221.3	221.7
120°	246.0	246.0	246.0	246.0	246.0	245.8	245.4	245.0	244.6	244.2	244.6
122.5°	268.8	268.7	268.6	268.5	268.5	268.3	268.0	267.7	267.4	267.1	267.4
125°	291.2	291.0	290.8	290.6	290.5	290.4	290.3	290.2	290.1	290.0	290.1
127.5°	313.3	313.2	313.1	313.0	312.9	312.8	312.6	312.4	312.2	312.0	312.2
130°	335.3	335.2	335.1	335.0	334.9	334.8	334.6	334.4	334.2	334.0	334.2
132.5°	356.3	356.2	356.1	356.0	356.0	355.8	355.5	355.2	354.9	354.6	354.9
135°	378.0	378.0	378.0	378.0	378.0	377.8	377.4	376.9	376.5	376.1	376.5
137.5°	399.2	399.3	399.4	399.5	399.5	399.2	398.7	398.2	397.7	397.2	397.7
140°	419.0	419.2	419.4	419.6	419.7	419.4	418.9	418.4	417.9	417.4	417.9
142.5°	438.6	438.7	438.8	438.9	438.9	438.6	438.1	437.6	437.1	436.6	437.1
145°	457.2	457.2	457.2	457.2	457.2	457.1	456.8	456.5	456.2	455.9	456.2
147.5°	474.5	474.8	475.1	475.4	475.6	475.2	474.4	473.5	472.7	471.9	472.7
150°	491.1	491.1	491.1	491.1	491.1	491.0	490.8	490.6	490.4	490.2	490.4
152.5°	506.1	506.4	506.7	507.0	507.2	507.0	506.6	506.1	505.7	505.3	505.7
155°	520.4	520.8	521.2	521.6	521.8	521.5	521.0	520.5	520.0	519.5	520.0
157.5°	533.2	533.6	534.1	534.5	534.7	534.3	533.6	532.9	532.2	531.5	532.2
160°	544.7	545.1	545.5	545.9	546.1	545.8	545.3	544.8	544.3	543.8	544.3
162.5°	555.3	555.8	556.3	556.8	557.1	556.8	556.2	555.6	555.0	554.4	555.0
165°	564.8	565.2	565.7	566.1	566.3	566.0	565.4	564.7	564.1	563.5	564.1
167.5°	571.9	572.5	573.2	573.8	574.1	573.8	573.2	572.5	571.9	571.3	571.9
170°	578.3	578.9	579.6	580.2	580.5	580.1	579.4	578.7	578.0	577.3	578.0
172.5°	582.9	583.5	584.2	584.8	585.1	584.8	584.2	583.5	582.9	582.3	582.9
175°	586.1	586.7	587.4	588.0	588.3	587.9	587.2	586.5	585.8	585.1	585.8
177.5°	588.0	588.6	589.2	589.8	590.1	589.7	589.0	588.3	587.6	586.9	587.6
180°	588.7	588.7	588.7	588.7	588.7	588.7	588.7	588.7	588.7	588.7	588.7

TEST NUMBER: P1036031

CATALOG NUMBER: S125RDIW-B610D470UB30-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	921.7	921.7	921.7	921.7	921.7	921.7	921.7	921.7	921.7	921.7	921.7
2.5°	982.3	977.0	979.2	977.0	974.7	972.4	967.1	959.6	953.5	949.0	948.2
5°	1057.9	1051.1	1046.6	1044.3	1039.8	1033.7	1023.9	1012.5	998.9	993.6	983.0
7.5°	1127.6	1125.3	1114.7	1113.2	1110.2	1098.8	1082.2	1067.0	1049.6	1035.2	1021.6
10°	1193.4	1188.1	1180.5	1169.9	1168.4	1154.0	1138.2	1117.0	1094.3	1080.6	1056.4
12.5°	1234.3	1228.2	1219.9	1213.1	1209.3	1200.2	1178.3	1157.1	1136.6	1111.7	1090.5
15°	1263.8	1256.2	1241.1	1235.8	1231.2	1219.1	1203.2	1181.3	1154.0	1136.6	1106.4
17.5°	1303.9	1294.8	1279.7	1269.8	1261.5	1242.6	1219.9	1190.4	1164.6	1145.0	1117.7
20°	1350.0	1336.4	1316.8	1303.9	1291.8	1269.8	1238.0	1203.2	1166.2	1141.9	1113.9
22.5°	1426.5	1400.7	1369.7	1351.6	1334.9	1297.1	1259.2	1216.1	1174.5	1138.2	1104.1
25°	1500.6	1474.9	1436.3	1411.3	1385.6	1341.7	1291.8	1232.0	1179.0	1136.6	1092.0
27.5°	1569.5	1543.0	1507.5	1477.2	1452.2	1386.4	1320.5	1253.2	1185.8	1127.6	1082.2
30°	1585.4	1574.0	1546.8	1520.3	1497.6	1437.1	1360.6	1275.1	1194.2	1119.2	1068.5
32.5°	1489.3	1517.3	1524.1	1520.3	1505.9	1462.8	1392.4	1302.4	1206.3	1115.5	1045.8
35°	1289.5	1340.2	1392.4	1420.4	1434.0	1440.1	1398.5	1316.0	1214.6	1109.4	1030.7
37.5°	1069.3	1118.5	1201.0	1242.6	1288.8	1349.3	1365.9	1313.0	1210.8	1104.9	1006.5
40°	878.6	941.4	1009.5	1047.3	1087.5	1196.4	1278.9	1272.9	1198.7	1088.2	987.6
42.5°	715.1	754.5	814.3	855.9	905.1	1026.9	1137.4	1191.9	1162.4	1067.8	963.3
45°	596.3	626.6	669.0	711.3	741.6	852.1	983.0	1072.3	1100.3	1031.5	926.3
47.5°	502.5	525.2	562.3	588.8	621.3	708.3	821.8	947.5	1006.5	980.0	886.9
50°	430.6	448.8	478.3	494.9	523.7	598.6	684.9	816.5	905.8	908.9	834.7
52.5°	367.8	385.9	410.9	425.3	442.7	493.4	580.4	691.7	794.6	832.4	774.9
55°	320.1	330.7	351.1	362.5	378.4	427.6	482.8	577.4	684.9	746.9	710.6
57.5°	276.2	287.6	300.4	309.5	320.9	360.2	410.2	481.3	588.0	655.3	643.2
60°	240.6	247.5	259.6	266.4	277.0	302.7	337.5	408.6	493.4	557.0	563.8
62.5°	207.4	213.4	221.7	227.8	234.6	255.0	280.8	331.5	405.6	474.5	483.6
65°	178.6	183.9	188.4	193.7	199.0	211.9	233.8	273.2	330.7	395.0	414.7
67.5°	152.9	154.4	161.2	161.9	165.0	174.8	190.7	222.5	264.1	315.6	341.3
70°	127.9	130.9	132.4	134.7	137.7	144.5	157.4	174.1	205.1	246.7	270.9
72.5°	103.7	104.4	106.7	108.2	111.2	116.5	122.6	135.5	155.1	185.4	207.4
75°	82.5	83.2	84.8	85.5	87.8	89.3	92.3	101.4	115.0	133.2	149.1
77.5°	62.1	63.6	65.1	65.1	65.8	67.4	68.9	71.9	78.7	90.8	104.4
80°	42.4	43.1	43.1	43.9	43.1	45.4	47.7	51.5	54.5	58.3	65.1
82.5°	29.5	29.5	29.5	30.3	30.3	31.0	31.0	31.8	32.5	34.8	37.8
85°	18.2	18.2	18.9	17.4	18.2	18.9	18.9	18.2	18.9	19.7	20.4
87.5°	7.6	7.6	8.3	8.3	8.3	8.3	7.6	8.3	7.6	8.3	8.3
90°	10.4	10.1	9.8	9.6	9.3	8.8	8.3	7.8	7.3	6.6	5.9
92.5°	23.9	23.7	23.5	23.4	23.0	22.3	21.6	20.9	20.2	19.3	18.3
95°	39.0	38.8	38.6	38.5	38.1	37.4	36.7	36.0	35.3	34.3	33.3
97.5°	55.7	55.6	55.5	55.4	55.1	54.5	53.9	53.3	52.7	51.3	49.9
100°	74.7	74.5	74.3	74.2	73.7	72.8	71.9	71.0	70.1	68.8	67.4
102.5°	93.8	93.5	93.2	93.0	92.5	91.5	90.4	89.4	88.4	87.9	87.4
105°	113.0	112.7	112.4	112.2	111.9	111.3	110.7	110.1	109.5	108.9	108.3
107.5°	132.9	132.9	132.9	132.9	132.7	132.4	132.1	131.8	131.5	131.0	130.5
110°	155.1	155.2	155.3	155.3	155.1	154.8	154.5	154.2	153.9	153.6	153.3

TEST NUMBER: P1036031

CATALOG NUMBER: S125RDIW-B610D470UB30-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	176.8	177.0	177.2	177.3	177.2	177.1	177.0	176.9	176.8	176.4	176.0
115°	199.5	199.6	199.7	199.8	199.8	199.9	200.0	200.1	200.2	200.0	199.8
117.5°	222.1	222.5	222.9	223.1	223.1	223.0	222.9	222.8	222.7	222.5	222.3
120°	245.0	245.4	245.8	246.0	246.0	246.0	246.0	246.0	246.0	245.9	245.8
122.5°	267.7	268.0	268.3	268.5	268.5	268.6	268.7	268.8	268.9	268.6	268.3
125°	290.2	290.3	290.4	290.5	290.6	290.8	291.0	291.2	291.4	291.3	291.2
127.5°	312.4	312.6	312.8	312.9	313.0	313.1	313.2	313.3	313.4	313.3	313.2
130°	334.4	334.6	334.8	334.9	335.0	335.1	335.2	335.3	335.4	335.2	335.0
132.5°	355.2	355.5	355.8	356.0	356.0	356.1	356.2	356.3	356.4	356.5	356.6
135°	376.9	377.4	377.8	378.0	378.0	378.0	378.0	378.0	378.0	377.9	377.8
137.5°	398.2	398.7	399.2	399.5	399.5	399.4	399.3	399.2	399.1	398.9	398.7
140°	418.4	418.9	419.4	419.7	419.6	419.4	419.2	419.0	418.8	418.5	418.2
142.5°	437.6	438.1	438.6	438.9	438.9	438.8	438.7	438.6	438.5	438.1	437.7
145°	456.5	456.8	457.1	457.2	457.2	457.2	457.2	457.2	457.2	456.9	456.6
147.5°	473.5	474.4	475.2	475.6	475.4	475.1	474.8	474.5	474.2	474.0	473.8
150°	490.6	490.8	491.0	491.1	491.1	491.1	491.1	491.1	491.1	490.7	490.3
152.5°	506.1	506.6	507.0	507.2	507.0	506.7	506.4	506.1	505.8	505.7	505.6
155°	520.5	521.0	521.5	521.8	521.6	521.2	520.8	520.4	520.0	519.9	519.8
157.5°	532.9	533.6	534.3	534.7	534.5	534.1	533.6	533.2	532.8	532.7	532.6
160°	544.8	545.3	545.8	546.1	545.9	545.5	545.1	544.7	544.3	544.2	544.1
162.5°	555.6	556.2	556.8	557.1	556.8	556.3	555.8	555.3	554.8	554.8	554.8
165°	564.7	565.4	566.0	566.3	566.1	565.7	565.2	564.8	564.4	564.3	564.2
167.5°	572.5	573.2	573.8	574.1	573.8	573.2	572.5	571.9	571.3	571.3	571.3
170°	578.7	579.4	580.1	580.5	580.2	579.6	578.9	578.3	577.7	577.7	577.7
172.5°	583.5	584.2	584.8	585.1	584.8	584.2	583.5	582.9	582.3	582.3	582.3
175°	586.5	587.2	587.9	588.3	588.0	587.4	586.7	586.1	585.5	585.5	585.5
177.5°	588.3	589.0	589.7	590.1	589.8	589.2	588.6	588.0	587.4	587.5	587.6
180°	588.7	588.7	588.7	588.7	588.7	588.7	588.7	588.7	588.7	588.7	588.7

TEST NUMBER: P1036031

CATALOG NUMBER: S125RDIW-B610D470UB30-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
0°	921.7	921.7	921.7	921.7	921.7	921.7	921.7	921.7	921.7	921.7	921.7
2.5°	945.9	941.4	938.4	937.6	933.1	929.3	924.8	924.0	921.7	915.7	911.9
5°	975.5	964.9	962.6	955.8	944.4	936.1	925.5	919.5	912.6	901.3	892.2
7.5°	1005.7	991.3	980.8	970.9	955.0	939.9	924.8	912.6	900.5	883.9	870.3
10°	1035.2	1013.3	1000.4	986.0	964.1	941.4	920.2	902.8	883.1	863.5	843.8
12.5°	1062.5	1034.5	1015.6	995.1	967.9	939.9	912.6	888.4	868.0	841.5	819.6
15°	1079.1	1048.1	1029.2	1009.5	968.6	937.6	905.8	874.8	847.6	819.6	799.1
17.5°	1089.0	1054.2	1033.0	1014.8	973.2	930.8	889.9	856.6	827.1	793.8	766.6
20°	1084.4	1050.4	1030.7	1013.3	964.9	922.5	878.6	840.0	802.9	768.9	740.1
22.5°	1074.6	1039.0	1017.1	1001.2	958.0	908.1	859.7	818.0	779.5	745.4	712.9
25°	1053.4	1018.6	999.7	980.0	937.6	889.9	840.8	796.1	755.2	718.9	682.6
27.5°	1034.5	992.1	972.4	955.0	910.4	868.0	819.6	770.4	728.8	690.9	654.6
30°	1012.5	964.9	943.7	920.2	880.1	840.0	791.6	746.2	703.0	662.9	628.1
32.5°	989.1	933.8	909.6	883.1	842.3	804.4	763.6	718.9	675.8	636.4	600.1
35°	958.8	899.8	871.8	846.8	804.4	766.6	728.8	691.7	648.5	606.9	572.1
37.5°	930.0	865.0	835.5	806.7	762.1	725.7	694.7	659.9	618.3	578.2	544.9
40°	897.5	822.6	792.3	765.8	719.7	679.6	651.6	624.3	588.0	549.4	513.1
42.5°	868.0	783.2	751.5	724.2	675.8	637.9	611.5	588.8	557.0	521.4	484.3
45°	827.1	740.9	708.3	679.6	630.4	594.8	567.6	547.9	522.9	489.6	456.3
47.5°	789.3	700.0	664.4	629.6	585.0	548.6	523.7	508.5	491.9	462.4	428.3
50°	743.1	653.1	616.8	588.0	537.3	506.3	481.3	470.7	455.6	427.6	400.3
52.5°	693.2	607.7	573.6	538.8	491.9	461.6	439.7	427.6	415.5	395.0	369.3
55°	634.9	557.0	525.2	494.2	447.2	419.2	399.6	386.7	379.9	361.0	342.1
57.5°	578.9	505.5	476.0	447.2	406.4	374.6	361.7	350.4	340.5	326.9	311.0
60°	522.2	455.6	423.8	398.1	362.5	333.7	323.1	311.8	304.2	293.6	282.3
62.5°	457.1	400.3	376.1	351.9	321.6	298.9	286.8	277.7	267.9	261.1	251.2
65°	388.2	348.1	324.6	306.5	277.7	257.3	248.2	242.2	233.8	227.0	219.5
67.5°	323.9	292.1	282.3	262.6	240.6	222.5	215.7	208.1	201.3	197.5	190.7
70°	261.8	239.1	229.3	224.0	199.8	187.7	181.6	178.6	170.3	166.5	161.9
72.5°	202.8	194.5	187.7	180.9	165.0	157.4	150.6	147.6	141.5	138.5	137.0
75°	149.8	144.5	140.8	140.0	133.2	125.6	118.8	117.3	112.8	109.7	108.2
77.5°	105.2	103.7	102.9	103.7	99.1	94.6	93.1	91.6	86.3	85.5	85.5
80°	68.9	72.6	72.6	71.9	70.4	69.6	67.4	65.8	62.8	62.1	62.8
82.5°	42.4	44.6	45.4	46.9	46.2	45.4	43.9	43.1	43.9	42.4	43.1
85°	21.2	22.7	25.7	25.7	26.5	26.5	26.5	25.7	24.2	25.0	24.2
87.5°	8.3	9.1	9.1	9.1	8.3	10.6	11.4	11.4	11.4	9.8	9.8
90°	5.2	4.5	4.1	3.7	2.9	2.1	1.3	0.5	1.3	2.1	2.9
92.5°	17.4	16.5	16.0	15.7	15.2	14.7	14.2	13.7	14.2	14.7	15.2
95°	32.2	31.2	30.7	30.6	30.4	30.2	30.0	29.8	30.0	30.2	30.4
97.5°	48.4	47.0	46.3	46.2	46.1	46.0	45.9	45.8	45.9	46.0	46.1
100°	66.1	64.8	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
102.5°	86.9	86.4	86.1	85.8	85.3	84.8	84.3	83.8	84.3	84.8	85.3
105°	107.6	107.0	106.7	106.5	106.0	105.5	105.0	104.5	105.0	105.5	106.0
107.5°	130.0	129.5	129.2	128.9	128.4	127.9	127.4	126.9	127.4	127.9	128.4
110°	153.0	152.7	152.6	152.3	151.8	151.3	150.8	150.3	150.8	151.3	151.8

TEST NUMBER: P1036031

CATALOG NUMBER: S125RDIW-B610D470UB30-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
112.5°	175.6	175.2	175.0	174.9	174.7	174.5	174.3	174.1	174.3	174.5	174.7
115°	199.6	199.4	199.3	199.1	198.7	198.3	197.9	197.5	197.9	198.3	198.7
117.5°	222.0	221.8	221.7	221.7	221.6	221.5	221.4	221.3	221.4	221.5	221.6
120°	245.7	245.6	245.6	245.3	244.8	244.3	243.8	243.3	243.8	244.3	244.8
122.5°	268.0	267.7	267.6	267.5	267.4	267.3	267.2	267.1	267.2	267.3	267.4
125°	291.1	291.0	290.9	290.6	290.0	289.4	288.8	288.2	288.8	289.4	290.0
127.5°	313.1	313.0	312.9	312.7	312.4	312.1	311.8	311.5	311.8	312.1	312.4
130°	334.8	334.6	334.5	334.2	333.7	333.2	332.7	332.2	332.7	333.2	333.7
132.5°	356.7	356.8	356.9	356.4	355.5	354.6	353.7	352.8	353.7	354.6	355.5
135°	377.7	377.6	377.5	377.2	376.6	376.0	375.4	374.8	375.4	376.0	376.6
137.5°	398.4	398.2	398.1	397.8	397.2	396.6	396.0	395.4	396.0	396.6	397.2
140°	417.9	417.6	417.4	417.1	416.6	416.1	415.6	415.1	415.6	416.1	416.6
142.5°	437.2	436.8	436.6	436.4	436.0	435.6	435.2	434.8	435.2	435.6	436.0
145°	456.3	456.0	455.9	455.7	455.3	454.8	454.4	454.0	454.4	454.8	455.3
147.5°	473.6	473.4	473.3	473.1	472.8	472.5	472.2	471.9	472.2	472.5	472.8
150°	489.9	489.5	489.3	489.4	489.5	489.6	489.7	489.8	489.7	489.6	489.5
152.5°	505.5	505.4	505.3	505.2	505.0	504.8	504.6	504.4	504.6	504.8	505.0
155°	519.7	519.6	519.5	519.5	519.5	519.5	519.5	519.5	519.5	519.5	519.5
157.5°	532.5	532.4	532.4	532.5	532.7	532.9	533.1	533.3	533.1	532.9	532.7
160°	544.0	543.9	543.8	544.0	544.3	544.6	544.9	545.2	544.9	544.6	544.3
162.5°	554.8	554.8	554.8	554.9	555.1	555.3	555.5	555.7	555.5	555.3	555.1
165°	564.1	564.0	564.0	564.1	564.3	564.5	564.7	564.9	564.7	564.5	564.3
167.5°	571.3	571.3	571.3	571.5	571.9	572.3	572.7	573.1	572.7	572.3	571.9
170°	577.7	577.7	577.7	577.9	578.3	578.8	579.2	579.6	579.2	578.8	578.3
172.5°	582.3	582.3	582.3	582.5	582.9	583.3	583.7	584.1	583.7	583.3	582.9
175°	585.5	585.5	585.5	585.7	586.1	586.6	587.0	587.4	587.0	586.6	586.1
177.5°	587.7	587.8	587.8	588.0	588.4	588.8	589.2	589.6	589.2	588.8	588.4
180°	588.7	588.7	588.7	588.7	588.7	588.7	588.7	588.7	588.7	588.7	588.7

TEST NUMBER: P1036031

CATALOG NUMBER: S125RDIW-B610D470UB30-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
0°	921.7	921.7	921.7	921.7	921.7	921.7	921.7	921.7	921.7	921.7	921.7
2.5°	909.6	906.6	904.3	902.0	892.2	881.6	880.1	877.8	873.3	878.6	876.3
5°	886.2	879.3	875.6	865.7	853.6	844.5	837.0	827.9	824.1	821.1	820.3
7.5°	857.4	851.3	844.5	834.7	819.6	804.4	793.1	784.0	776.4	772.6	772.6
10°	829.4	821.8	812.8	796.1	781.7	762.8	750.7	741.6	731.0	725.0	719.7
12.5°	800.6	792.3	784.0	762.8	746.2	726.5	709.1	697.7	692.4	685.6	676.5
15°	771.9	759.0	750.7	729.5	708.3	688.6	677.3	665.2	653.1	646.3	643.2
17.5°	741.6	732.5	718.9	696.2	672.8	655.3	638.7	627.3	613.0	606.2	599.3
20°	714.4	700.8	687.1	664.4	641.7	618.3	601.6	588.0	578.9	573.6	567.6
22.5°	681.8	669.0	657.6	633.4	608.4	586.5	568.3	560.0	550.9	542.6	536.5
25°	653.8	641.0	629.6	603.1	575.9	555.5	541.8	531.2	521.4	517.6	511.6
27.5°	624.3	612.2	597.1	570.6	546.4	529.0	514.6	504.8	497.2	489.6	485.1
30°	596.3	582.7	569.1	540.3	520.6	503.2	489.6	477.5	471.5	467.7	460.1
32.5°	569.1	551.7	540.3	513.8	494.9	478.3	466.9	456.3	448.8	441.9	435.9
35°	539.6	520.6	509.3	487.3	467.7	451.0	441.2	433.6	424.5	418.5	415.5
37.5°	511.6	495.7	484.3	461.6	441.9	428.3	417.7	407.9	404.1	395.8	394.3
40°	481.3	467.7	457.1	435.1	417.0	406.4	395.0	385.9	379.1	375.3	370.1
42.5°	454.1	442.7	431.3	410.9	393.5	380.6	372.3	364.0	357.9	351.9	348.1
45°	429.1	417.0	406.4	386.7	369.3	357.9	349.6	339.8	338.3	329.9	326.2
47.5°	402.6	392.0	382.9	362.5	346.6	335.2	325.4	318.6	311.8	308.8	303.5
50°	376.9	366.3	355.7	337.5	323.1	311.8	301.9	294.4	290.6	286.1	281.5
52.5°	348.9	340.5	332.2	313.3	298.9	289.1	280.8	270.9	267.1	263.4	260.3
55°	325.4	313.3	304.2	288.3	275.5	264.9	255.8	248.2	244.4	241.4	237.6
57.5°	293.6	286.1	278.5	264.1	252.0	241.4	232.3	226.3	221.7	219.5	220.2
60°	266.4	258.1	253.5	238.4	226.3	217.9	209.6	203.6	199.0	196.8	196.0
62.5°	237.6	231.6	223.2	212.6	200.5	193.0	186.9	182.4	174.8	174.1	171.8
65°	209.6	205.1	197.5	187.7	177.8	171.0	164.2	158.2	155.1	151.4	149.1
67.5°	182.4	177.8	171.0	162.7	155.9	149.1	143.0	137.0	131.7	128.6	127.1
70°	155.9	152.1	147.6	137.7	129.4	124.1	119.6	115.8	110.5	109.0	108.2
72.5°	130.2	126.4	124.1	115.8	108.2	103.7	99.1	95.4	93.1	92.3	90.1
75°	106.7	102.9	99.9	92.3	87.8	84.8	80.2	78.7	76.4	75.7	74.9
77.5°	83.2	79.5	78.7	73.4	68.1	66.6	65.1	62.1	62.1	62.1	60.5
80°	59.8	59.0	58.3	53.0	50.7	49.2	48.4	46.2	44.6	43.1	42.4
82.5°	40.1	39.4	38.6	36.3	34.1	33.3	32.5	31.0	31.0	31.8	30.3
85°	24.2	22.7	21.9	21.2	19.7	19.7	20.4	19.7	19.7	19.7	18.9
87.5°	9.1	9.1	9.1	9.1	9.8	8.3	9.1	9.1	8.3	8.3	7.6
90°	3.7	4.1	4.5	5.2	5.9	6.6	7.3	7.8	8.3	8.8	9.3
92.5°	15.7	16.0	16.5	17.4	18.3	19.3	20.2	20.9	21.6	22.3	23.0
95°	30.6	30.7	31.2	32.2	33.3	34.3	35.3	36.0	36.7	37.4	38.1
97.5°	46.2	46.3	47.0	48.4	49.9	51.3	52.7	53.3	53.9	54.5	55.1
100°	64.1	64.1	64.8	66.1	67.4	68.8	70.1	71.0	71.9	72.8	73.7
102.5°	85.8	86.1	86.4	86.9	87.4	87.9	88.4	89.4	90.4	91.5	92.5
105°	106.5	106.7	107.0	107.6	108.3	108.9	109.5	110.1	110.7	111.3	111.9
107.5°	128.9	129.2	129.5	130.0	130.5	131.0	131.5	131.8	132.1	132.4	132.7
110°	152.3	152.6	152.7	153.0	153.3	153.6	153.9	154.2	154.5	154.8	155.1

TEST NUMBER: P1036031

CATALOG NUMBER: S125RDIW-B610D470UB30-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
112.5°	174.9	175.0	175.2	175.6	176.0	176.4	176.8	176.9	177.0	177.1	177.2
115°	199.1	199.3	199.4	199.6	199.8	200.0	200.2	200.1	200.0	199.9	199.8
117.5°	221.7	221.7	221.8	222.0	222.3	222.5	222.7	222.8	222.9	223.0	223.1
120°	245.3	245.6	245.6	245.7	245.8	245.9	246.0	246.0	246.0	246.0	246.0
122.5°	267.5	267.6	267.7	268.0	268.3	268.6	268.9	268.8	268.7	268.6	268.5
125°	290.6	290.9	291.0	291.1	291.2	291.3	291.4	291.2	291.0	290.8	290.6
127.5°	312.7	312.9	313.0	313.1	313.2	313.3	313.4	313.3	313.2	313.1	313.0
130°	334.2	334.5	334.6	334.8	335.0	335.2	335.4	335.3	335.2	335.1	335.0
132.5°	356.4	356.9	356.8	356.7	356.6	356.5	356.4	356.3	356.2	356.1	356.0
135°	377.2	377.5	377.6	377.7	377.8	377.9	378.0	378.0	378.0	378.0	378.0
137.5°	397.8	398.1	398.2	398.4	398.7	398.9	399.1	399.2	399.3	399.4	399.5
140°	417.1	417.4	417.6	417.9	418.2	418.5	418.8	419.0	419.2	419.4	419.6
142.5°	436.4	436.6	436.8	437.2	437.7	438.1	438.5	438.6	438.7	438.8	438.9
145°	455.7	455.9	456.0	456.3	456.6	456.9	457.2	457.2	457.2	457.2	457.2
147.5°	473.1	473.3	473.4	473.6	473.8	474.0	474.2	474.5	474.8	475.1	475.4
150°	489.4	489.3	489.5	489.9	490.3	490.7	491.1	491.1	491.1	491.1	491.1
152.5°	505.2	505.3	505.4	505.5	505.6	505.7	505.8	506.1	506.4	506.7	507.0
155°	519.5	519.5	519.6	519.7	519.8	519.9	520.0	520.4	520.8	521.2	521.6
157.5°	532.5	532.4	532.4	532.5	532.6	532.7	532.8	533.2	533.6	534.1	534.5
160°	544.0	543.8	543.9	544.0	544.1	544.2	544.3	544.7	545.1	545.5	545.9
162.5°	554.9	554.8	554.8	554.8	554.8	554.8	554.8	555.3	555.8	556.3	556.8
165°	564.1	564.0	564.0	564.1	564.2	564.3	564.4	564.8	565.2	565.7	566.1
167.5°	571.5	571.3	571.3	571.3	571.3	571.3	571.3	571.9	572.5	573.2	573.8
170°	577.9	577.7	577.7	577.7	577.7	577.7	577.7	578.3	578.9	579.6	580.2
172.5°	582.5	582.3	582.3	582.3	582.3	582.3	582.3	582.9	583.5	584.2	584.8
175°	585.7	585.5	585.5	585.5	585.5	585.5	585.5	586.1	586.7	587.4	588.0
177.5°	588.0	587.8	587.8	587.7	587.6	587.5	587.4	588.0	588.6	589.2	589.8
180°	588.7	588.7	588.7	588.7	588.7	588.7	588.7	588.7	588.7	588.7	588.7

TEST NUMBER: P1036031

CATALOG NUMBER: S125RDIW-B610D470UB30-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
0°	921.7	921.7	921.7	921.7	921.7	921.7	921.7	921.7	921.7	921.7	921.7
2.5°	872.5	874.0	870.3	868.8	865.7	869.5	870.3	869.5	876.3	873.3	874.8
5°	821.8	818.8	816.5	811.2	811.2	812.0	814.3	810.5	812.8	818.0	817.3
7.5°	765.8	764.3	765.1	759.0	754.5	756.0	754.5	761.3	765.1	763.6	766.6
10°	715.1	718.2	711.3	708.3	705.3	708.3	707.6	709.1	713.6	716.6	721.9
12.5°	674.3	673.5	669.7	666.7	661.4	662.9	667.5	665.9	666.7	673.5	672.8
15°	635.7	631.1	628.1	621.3	622.8	617.5	622.1	627.3	629.6	635.7	639.5
17.5°	597.1	596.3	592.5	591.8	583.5	581.2	585.7	587.2	589.5	592.5	597.8
20°	564.5	563.8	558.5	557.0	550.2	554.7	553.2	556.2	557.7	563.8	566.1
22.5°	535.0	531.2	529.7	527.5	525.2	524.4	527.5	526.7	532.0	534.3	535.0
25°	507.8	504.8	504.0	500.2	498.7	496.4	498.7	501.0	507.0	509.3	512.3
27.5°	482.8	480.5	479.0	476.0	473.7	473.7	475.2	478.3	480.5	482.1	483.6
30°	460.1	458.6	454.1	452.5	450.3	450.3	450.3	451.8	455.6	460.1	462.4
32.5°	436.6	433.6	430.6	430.6	428.3	428.3	429.1	430.6	434.4	435.1	438.9
35°	413.9	410.9	408.6	407.1	407.9	404.9	406.4	408.6	413.2	414.7	417.0
37.5°	392.0	391.2	386.7	384.4	385.9	385.9	385.2	386.7	389.7	392.8	394.3
40°	367.8	366.3	366.3	364.0	364.8	361.7	364.0	365.5	367.0	370.1	372.3
42.5°	346.6	345.1	342.1	342.8	340.5	340.5	342.1	342.8	345.1	348.9	350.4
45°	323.9	323.9	322.4	320.1	320.9	318.6	320.1	320.9	323.9	327.7	326.2
47.5°	301.9	301.2	301.2	298.2	299.7	297.4	299.7	300.4	301.9	304.2	303.5
50°	280.8	278.5	279.2	278.5	277.7	277.7	279.2	279.2	280.8	280.8	283.0
52.5°	258.8	258.8	257.3	258.1	259.6	258.1	260.3	258.1	259.6	260.3	261.8
55°	239.1	237.6	238.4	237.6	240.6	238.4	240.6	239.1	240.6	239.9	241.4
57.5°	217.9	215.7	216.4	215.7	217.9	217.2	219.5	217.2	217.9	218.7	221.0
60°	193.7	193.7	193.7	192.2	194.5	194.5	193.7	193.7	196.8	198.3	197.5
62.5°	171.0	170.3	168.0	167.2	168.0	166.5	169.5	168.8	170.3	171.8	173.3
65°	146.1	144.5	143.8	142.3	142.3	141.5	142.3	145.3	146.1	146.8	150.6
67.5°	125.6	124.9	124.1	121.8	121.8	123.4	123.4	123.4	127.9	125.6	128.6
70°	107.5	105.9	104.4	103.7	103.7	104.4	105.2	105.9	105.2	108.2	109.0
72.5°	90.1	90.8	89.3	89.3	89.3	88.5	88.5	90.1	90.8	90.1	90.8
75°	74.9	74.9	74.2	74.9	74.9	74.2	74.2	75.7	75.7	74.9	77.2
77.5°	60.5	59.8	58.3	56.8	57.5	56.8	57.5	56.8	59.0	61.3	59.8
80°	42.4	41.6	41.6	41.6	42.4	41.6	43.1	41.6	42.4	42.4	43.1
82.5°	30.3	31.0	31.0	30.3	31.0	30.3	31.0	31.0	31.0	30.3	31.0
85°	19.7	19.7	19.7	19.7	18.9	19.7	19.7	19.7	20.4	19.7	20.4
87.5°	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	9.1	8.3	9.1
90°	9.6	9.8	10.1	10.4	10.7	11.0	10.7	10.4	10.1	9.8	9.6
92.5°	23.4	23.5	23.7	23.9	24.1	24.3	24.1	23.9	23.7	23.5	23.4
95°	38.5	38.6	38.8	39.0	39.2	39.4	39.2	39.0	38.8	38.6	38.5
97.5°	55.4	55.5	55.6	55.7	55.8	55.9	55.8	55.7	55.6	55.5	55.4
100°	74.2	74.3	74.5	74.7	74.9	75.1	74.9	74.7	74.5	74.3	74.2
102.5°	93.0	93.2	93.5	93.8	94.1	94.4	94.1	93.8	93.5	93.2	93.0
105°	112.2	112.4	112.7	113.0	113.3	113.6	113.3	113.0	112.7	112.4	112.2
107.5°	132.9	132.9	132.9	132.9	132.9	132.9	132.9	132.9	132.9	132.9	132.9
110°	155.3	155.3	155.2	155.1	155.0	154.9	155.0	155.1	155.2	155.3	155.3

TEST NUMBER: P1036031

CATALOG NUMBER: S125RDIW-B610D470UB30-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
112.5°	177.3	177.2	177.0	176.8	176.6	176.4	176.6	176.8	177.0	177.2	177.3
115°	199.8	199.7	199.6	199.5	199.4	199.3	199.4	199.5	199.6	199.7	199.8
117.5°	223.1	222.9	222.5	222.1	221.7	221.3	221.7	222.1	222.5	222.9	223.1
120°	246.0	245.8	245.4	245.0	244.6	244.2	244.6	245.0	245.4	245.8	246.0
122.5°	268.5	268.3	268.0	267.7	267.4	267.1	267.4	267.7	268.0	268.3	268.5
125°	290.5	290.4	290.3	290.2	290.1	290.0	290.1	290.2	290.3	290.4	290.5
127.5°	312.9	312.8	312.6	312.4	312.2	312.0	312.2	312.4	312.6	312.8	312.9
130°	334.9	334.8	334.6	334.4	334.2	334.0	334.2	334.4	334.6	334.8	334.9
132.5°	356.0	355.8	355.5	355.2	354.9	354.6	354.9	355.2	355.5	355.8	356.0
135°	378.0	377.8	377.4	376.9	376.5	376.1	376.5	376.9	377.4	377.8	378.0
137.5°	399.5	399.2	398.7	398.2	397.7	397.2	397.7	398.2	398.7	399.2	399.5
140°	419.7	419.4	418.9	418.4	417.9	417.4	417.9	418.4	418.9	419.4	419.7
142.5°	438.9	438.6	438.1	437.6	437.1	436.6	437.1	437.6	438.1	438.6	438.9
145°	457.2	457.1	456.8	456.5	456.2	455.9	456.2	456.5	456.8	457.1	457.2
147.5°	475.6	475.2	474.4	473.5	472.7	471.9	472.7	473.5	474.4	475.2	475.6
150°	491.1	491.0	490.8	490.6	490.4	490.2	490.4	490.6	490.8	491.0	491.1
152.5°	507.2	507.0	506.6	506.1	505.7	505.3	505.7	506.1	506.6	507.0	507.2
155°	521.8	521.5	521.0	520.5	520.0	519.5	520.0	520.5	521.0	521.5	521.8
157.5°	534.7	534.3	533.6	532.9	532.2	531.5	532.2	532.9	533.6	534.3	534.7
160°	546.1	545.8	545.3	544.8	544.3	543.8	544.3	544.8	545.3	545.8	546.1
162.5°	557.1	556.8	556.2	555.6	555.0	554.4	555.0	555.6	556.2	556.8	557.1
165°	566.3	566.0	565.4	564.7	564.1	563.5	564.1	564.7	565.4	566.0	566.3
167.5°	574.1	573.8	573.2	572.5	571.9	571.3	571.9	572.5	573.2	573.8	574.1
170°	580.5	580.1	579.4	578.7	578.0	577.3	578.0	578.7	579.4	580.1	580.5
172.5°	585.1	584.8	584.2	583.5	582.9	582.3	582.9	583.5	584.2	584.8	585.1
175°	588.3	587.9	587.2	586.5	585.8	585.1	585.8	586.5	587.2	587.9	588.3
177.5°	590.1	589.7	589.0	588.3	587.6	586.9	587.6	588.3	589.0	589.7	590.1
180°	588.7	588.7	588.7	588.7	588.7	588.7	588.7	588.7	588.7	588.7	588.7

TEST NUMBER: P1036031

CATALOG NUMBER: S125RDIW-B610D470UB30-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
0°	921.7	921.7	921.7	921.7	921.7	921.7	921.7	921.7	921.7	921.7	921.7
2.5°	871.8	875.6	872.5	870.3	876.3	879.3	879.3	884.6	889.9	894.5	895.2
5°	818.0	824.1	825.6	824.9	833.9	838.5	848.3	853.6	861.2	866.5	872.5
7.5°	768.9	777.2	777.9	779.5	793.1	800.6	809.0	822.6	833.2	840.8	847.6
10°	719.7	725.0	730.3	737.1	750.7	763.6	775.7	790.1	803.7	811.2	821.1
12.5°	682.6	686.4	692.4	697.0	711.3	722.7	738.6	758.3	777.9	784.0	796.1
15°	644.0	646.3	658.4	662.9	675.0	693.9	703.8	722.7	743.9	755.2	768.9
17.5°	599.3	613.0	620.5	625.8	641.0	656.1	672.0	691.7	718.9	729.5	739.3
20°	567.6	577.4	585.7	592.5	606.2	628.9	643.2	659.1	684.9	697.0	711.3
22.5°	539.6	547.9	555.5	563.0	572.1	592.5	609.2	631.1	656.9	668.2	684.9
25°	513.1	521.4	525.9	535.0	547.1	561.5	581.2	600.9	626.6	639.5	655.3
27.5°	487.3	495.7	504.0	511.6	519.9	533.5	547.1	572.1	598.6	613.7	627.3
30°	465.4	469.2	476.8	485.1	493.4	506.3	522.2	539.6	569.8	583.5	600.1
32.5°	441.2	448.0	453.3	459.3	469.9	480.5	494.9	516.9	541.1	553.9	572.1
35°	418.5	424.5	428.3	438.9	445.7	457.1	471.5	491.1	511.6	525.9	541.8
37.5°	396.5	402.6	407.1	413.2	422.3	432.1	447.2	461.6	485.8	497.9	516.1
40°	373.8	379.1	384.4	391.2	399.6	411.7	420.8	438.9	458.6	472.2	485.8
42.5°	351.9	354.9	361.0	368.5	376.9	387.5	400.3	414.7	434.4	446.5	458.6
45°	328.4	333.7	340.5	345.8	353.4	364.0	375.3	388.2	407.9	420.0	432.9
47.5°	306.5	310.3	314.8	323.1	333.0	340.5	352.6	364.8	382.9	394.3	406.4
50°	283.8	287.6	294.4	299.7	307.2	317.1	328.4	341.3	358.7	366.3	378.4
52.5°	262.6	264.1	270.9	276.2	283.8	295.1	304.2	315.6	332.2	340.5	352.6
55°	241.4	242.9	246.7	252.0	260.3	269.4	279.2	292.1	306.5	314.1	325.4
57.5°	219.5	221.0	224.8	228.5	236.9	245.2	256.5	267.1	281.5	288.3	298.9
60°	197.5	197.5	201.3	206.6	212.6	220.2	230.1	242.9	253.5	261.8	269.4
62.5°	174.1	176.3	178.6	182.4	189.2	198.3	206.6	215.7	228.5	234.6	241.4
65°	150.6	152.9	157.4	161.2	166.5	172.5	183.1	190.7	200.5	207.4	213.4
67.5°	130.2	132.4	135.5	140.0	143.8	150.6	158.2	165.7	176.3	180.9	185.4
70°	109.0	111.2	113.5	119.6	123.4	128.6	133.9	141.5	150.6	153.6	157.4
72.5°	92.3	93.1	96.1	97.6	102.9	107.5	113.5	118.1	124.9	128.6	131.7
75°	77.9	77.9	78.7	80.2	83.2	86.3	90.8	95.4	101.4	103.7	107.5
77.5°	61.3	63.6	62.8	64.3	65.8	67.4	71.1	74.2	80.2	81.7	83.2
80°	43.9	44.6	46.9	49.2	49.2	51.5	53.7	54.5	58.3	60.5	60.5
82.5°	31.8	32.5	31.8	32.5	33.3	34.1	36.3	39.4	39.4	40.1	41.6
85°	19.7	19.7	20.4	21.2	21.2	20.4	21.9	21.2	21.9	23.5	23.5
87.5°	9.8	9.1	9.1	9.1	9.1	9.1	9.8	9.1	9.8	9.8	9.8
90°	9.3	8.8	8.3	7.8	7.3	6.6	5.9	5.2	4.5	4.1	3.7
92.5°	23.0	22.3	21.6	20.9	20.2	19.3	18.3	17.4	16.5	16.0	15.7
95°	38.1	37.4	36.7	36.0	35.3	34.3	33.3	32.2	31.2	30.7	30.6
97.5°	55.1	54.5	53.9	53.3	52.7	51.3	49.9	48.4	47.0	46.3	46.2
100°	73.7	72.8	71.9	71.0	70.1	68.8	67.4	66.1	64.8	64.1	64.1
102.5°	92.5	91.5	90.4	89.4	88.4	87.9	87.4	86.9	86.4	86.1	85.8
105°	111.9	111.3	110.7	110.1	109.5	108.9	108.3	107.6	107.0	106.7	106.5
107.5°	132.7	132.4	132.1	131.8	131.5	131.0	130.5	130.0	129.5	129.2	128.9
110°	155.1	154.8	154.5	154.2	153.9	153.6	153.3	153.0	152.7	152.6	152.3

TEST NUMBER: P1036031

CATALOG NUMBER: S125RDIW-B610D470UB30-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
112.5°	177.2	177.1	177.0	176.9	176.8	176.4	176.0	175.6	175.2	175.0	174.9
115°	199.8	199.9	200.0	200.1	200.2	200.0	199.8	199.6	199.4	199.3	199.1
117.5°	223.1	223.0	222.9	222.8	222.7	222.5	222.3	222.0	221.8	221.7	221.7
120°	246.0	246.0	246.0	246.0	246.0	245.9	245.8	245.7	245.6	245.6	245.3
122.5°	268.5	268.6	268.7	268.8	268.9	268.6	268.3	268.0	267.7	267.6	267.5
125°	290.6	290.8	291.0	291.2	291.4	291.3	291.2	291.1	291.0	290.9	290.6
127.5°	313.0	313.1	313.2	313.3	313.4	313.3	313.2	313.1	313.0	312.9	312.7
130°	335.0	335.1	335.2	335.3	335.4	335.2	335.0	334.8	334.6	334.5	334.2
132.5°	356.0	356.1	356.2	356.3	356.4	356.5	356.6	356.7	356.8	356.9	356.4
135°	378.0	378.0	378.0	378.0	378.0	377.9	377.8	377.7	377.6	377.5	377.2
137.5°	399.5	399.4	399.3	399.2	399.1	398.9	398.7	398.4	398.2	398.1	397.8
140°	419.6	419.4	419.2	419.0	418.8	418.5	418.2	417.9	417.6	417.4	417.1
142.5°	438.9	438.8	438.7	438.6	438.5	438.1	437.7	437.2	436.8	436.6	436.4
145°	457.2	457.2	457.2	457.2	457.2	456.9	456.6	456.3	456.0	455.9	455.7
147.5°	475.4	475.1	474.8	474.5	474.2	474.0	473.8	473.6	473.4	473.3	473.1
150°	491.1	491.1	491.1	491.1	491.1	490.7	490.3	489.9	489.5	489.3	489.4
152.5°	507.0	506.7	506.4	506.1	505.8	505.7	505.6	505.5	505.4	505.3	505.2
155°	521.6	521.2	520.8	520.4	520.0	519.9	519.8	519.7	519.6	519.5	519.5
157.5°	534.5	534.1	533.6	533.2	532.8	532.7	532.6	532.5	532.4	532.4	532.5
160°	545.9	545.5	545.1	544.7	544.3	544.2	544.1	544.0	543.9	543.8	544.0
162.5°	556.8	556.3	555.8	555.3	554.8	554.8	554.8	554.8	554.8	554.8	554.9
165°	566.1	565.7	565.2	564.8	564.4	564.3	564.2	564.1	564.0	564.0	564.1
167.5°	573.8	573.2	572.5	571.9	571.3	571.3	571.3	571.3	571.3	571.3	571.5
170°	580.2	579.6	578.9	578.3	577.7	577.7	577.7	577.7	577.7	577.7	577.9
172.5°	584.8	584.2	583.5	582.9	582.3	582.3	582.3	582.3	582.3	582.3	582.5
175°	588.0	587.4	586.7	586.1	585.5	585.5	585.5	585.5	585.5	585.5	585.7
177.5°	589.8	589.2	588.6	588.0	587.4	587.5	587.6	587.7	587.8	587.8	588.0
180°	588.7	588.7	588.7	588.7	588.7	588.7	588.7	588.7	588.7	588.7	588.7

TEST NUMBER: P1036031

CATALOG NUMBER: S125RDIW-B610D470UB30-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
0°	921.7	921.7	921.7	921.7
2.5°	900.5	907.3	914.2	922.5
5°	882.4	894.5	907.3	919.5
7.5°	862.7	880.1	896.8	914.2
10°	840.8	862.7	881.6	905.8
12.5°	816.5	840.0	866.5	893.7
15°	792.3	821.8	849.8	880.9
17.5°	769.6	797.6	828.6	865.7
20°	742.4	773.4	808.2	847.6
22.5°	713.6	747.7	785.5	827.9
25°	689.4	724.2	760.5	805.2
27.5°	662.9	699.2	734.8	782.5
30°	632.6	672.0	708.3	757.5
32.5°	603.9	643.2	683.3	729.5
35°	575.9	614.5	654.6	701.5
37.5°	549.4	584.2	623.6	665.9
40°	524.4	556.2	591.0	629.6
42.5°	492.6	529.7	562.3	590.3
45°	465.4	495.7	525.9	548.6
47.5°	433.6	463.9	489.6	507.8
50°	407.1	431.3	452.5	468.4
52.5°	375.3	398.1	415.5	427.6
55°	344.3	364.0	379.1	387.5
57.5°	316.3	329.2	340.5	348.1
60°	285.3	295.1	305.0	313.3
62.5°	252.0	262.6	267.9	277.0
65°	222.5	229.3	237.6	240.6
67.5°	193.7	197.5	202.8	208.9
70°	163.5	165.7	171.0	179.4
72.5°	137.0	139.2	143.0	146.1
75°	109.0	111.2	114.3	117.3
77.5°	85.5	86.3	87.8	90.8
80°	62.1	64.3	65.8	66.6
82.5°	43.1	43.9	43.9	44.6
85°	27.2	25.7	25.7	26.5
87.5°	9.8	11.4	11.4	12.9
90°	2.9	2.1	1.3	0.5
92.5°	15.2	14.7	14.2	13.7
95°	30.4	30.2	30.0	29.8
97.5°	46.1	46.0	45.9	45.8
100°	64.1	64.1	64.1	64.1
102.5°	85.3	84.8	84.3	83.8
105°	106.0	105.5	105.0	104.5
107.5°	128.4	127.9	127.4	126.9
110°	151.8	151.3	150.8	150.3

TEST NUMBER: P1036031

CATALOG NUMBER: S125RDIW-B610D470UB30-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
112.5°	174.7	174.5	174.3	174.1
115°	198.7	198.3	197.9	197.5
117.5°	221.6	221.5	221.4	221.3
120°	244.8	244.3	243.8	243.3
122.5°	267.4	267.3	267.2	267.1
125°	290.0	289.4	288.8	288.2
127.5°	312.4	312.1	311.8	311.5
130°	333.7	333.2	332.7	332.2
132.5°	355.5	354.6	353.7	352.8
135°	376.6	376.0	375.4	374.8
137.5°	397.2	396.6	396.0	395.4
140°	416.6	416.1	415.6	415.1
142.5°	436.0	435.6	435.2	434.8
145°	455.3	454.8	454.4	454.0
147.5°	472.8	472.5	472.2	471.9
150°	489.5	489.6	489.7	489.8
152.5°	505.0	504.8	504.6	504.4
155°	519.5	519.5	519.5	519.5
157.5°	532.7	532.9	533.1	533.3
160°	544.3	544.6	544.9	545.2
162.5°	555.1	555.3	555.5	555.7
165°	564.3	564.5	564.7	564.9
167.5°	571.9	572.3	572.7	573.1
170°	578.3	578.8	579.2	579.6
172.5°	582.9	583.3	583.7	584.1
175°	586.1	586.6	587.0	587.4
177.5°	588.4	588.8	589.2	589.6
180°	588.7	588.7	588.7	588.7

(END OF REPORT)