

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: P1035474

Luminaire Tested: S125DIW-B610D470UB30-4F0-XX-W2A-A1

Issue Date: 5/7/2025

Test Information

Test Method: LM-79-2019
Report Number: P1035474
REPORT IS A COMBINATION OF REPORTS P1003938 AND P1007351
Test Lab: INNOVATION CENTER
Issue Date: 5/7/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: NEO-RAY
Catalog Number: S125DIW-B610D470UB30-4F0-XX-W2A-A1
Description: Define 5 Direct/Indirect Wall Mount with 3000K BioUP LEDs {m-DER=0.589} {m-EER=0.647}
Light Source: -
Ballast/Driver: -

Summary

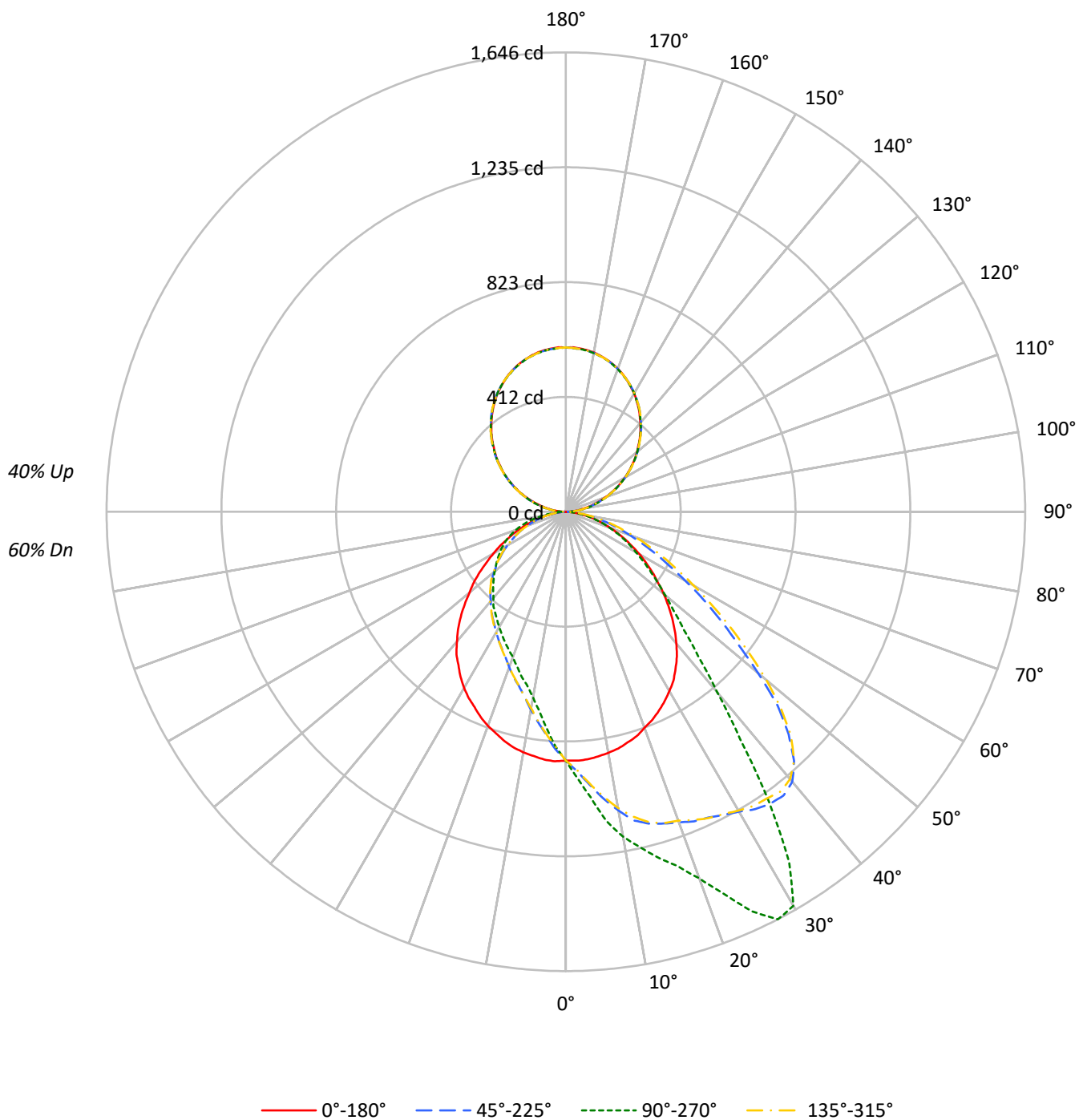
Lumens per Lamp: N/A
Luminaire Lumens: 4159.0 lumens
Efficiency: N/A
Efficacy: 111.8 lumens/watt
Spacing Criteria (0/90/45): 1.23 / 1.43 / 1.52
Luminous Opening: Rectangular w/ Sides (W: 0.42' x L: 4' x H: 0.1')
CIE Type: Semi-Direct

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	110	110	110	110	102	102	102	102	89	89	89	77	77	77	66	66	66
1	100	96	92	89	94	90	87	84	79	76	74	68	66	65	59	57	56
2	92	84	78	73	85	79	74	69	69	65	62	60	57	54	52	50	48
3	84	74	67	61	78	70	63	58	61	56	52	53	50	46	46	43	41
4	77	66	58	52	72	62	55	49	55	49	45	48	43	40	41	38	35
5	71	59	51	45	66	55	48	43	49	43	39	43	38	35	37	34	31
6	65	53	45	39	61	50	43	37	44	38	34	39	34	30	34	30	27
7	60	48	40	34	56	45	38	33	40	34	30	35	31	27	31	27	24
8	56	43	36	30	52	41	34	29	37	31	27	32	28	24	28	25	22
9	52	40	32	27	49	38	31	26	34	28	24	30	25	22	26	22	20
10	49	36	29	24	46	35	28	23	31	25	21	28	23	20	24	21	18

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	5711	5711	5711	5711
5°	5715	6478	5720	4914
10°	5680	7383	5670	4218
15°	5638	8006	5603	3812
20°	5567	8773	5516	3480
25°	5504	10052	5403	3283
30°	5413	10604	5319	3105
35°	5269	8501	5159	2962
40°	5045	5875	4971	2811
45°	4762	4374	4708	2685
50°	4438	3601	4364	2585
55°	4088	3072	4055	2497
60°	3745	2629	3680	2430
65°	3374	2270	3321	2331
70°	2983	1884	2945	2160
75°	2570	1458	2536	1874
80°	2029	986	1955	1378
85°	1298	494	1252	703

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 135°

Vertical Angle: 45°

Luminance: 8722 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	85.8	2.1
10°-20°	255.5	6.1
20°-30°	415.0	10.0
30°-40°	507.2	12.2
40°-50°	460.1	11.1
50°-60°	366.5	8.8
60°-70°	255.2	6.1
70°-80°	136.0	3.3
80°-90°	34.6	0.8
90°-100°	39.1	0.9
100°-110°	116.3	2.8
110°-120°	197.2	4.7
120°-130°	259.7	6.2
130°-140°	291.0	7.0
140°-150°	285.2	6.9
150°-160°	239.6	5.8
160°-170°	159.2	3.8
170°-180°	55.7	1.3
0°-30°	756.3	18.2
0°-40°	1263.5	30.4
0°-60°	2090.1	50.3
0°-90°	2515.9	60.5
90°-120°	352.7	8.5
90°-150°	1188.5	28.6
90°-180°	1643.0	39.5
0°-180°	4159.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	891	891	891	891	891	
5°	890	1028	891	780	890	85
15°	856	1284	850	611	856	241
25°	788	1580	773	516	788	363
35°	686	1268	671	442	686	428
45°	539	598	533	367	539	415
55°	379	368	376	300	379	339
65°	234	226	231	232	234	233
75°	114	111	112	143	114	121
85°	23	25	22	36	23	27
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°	891.3	891.3	891.3	891.3	891.3	891.3	891.3	891.3	891.3	891.3	891.3
2.5°	892.8	898.1	904.1	908.7	916.2	918.5	922.3	924.5	926.8	929.1	930.6
5°	890.5	903.4	914.7	923.0	937.4	942.7	949.5	957.8	967.7	976.0	981.3
7.5°	884.4	904.9	920.0	936.7	956.3	969.2	976.0	993.4	1009.3	1021.4	1037.3
10°	876.9	901.1	924.5	949.5	977.5	991.9	1005.5	1029.7	1051.7	1071.3	1087.2
12.5°	868.6	898.1	926.1	958.6	996.4	1013.8	1022.9	1064.5	1091.8	1102.3	1133.4
15°	855.7	890.5	930.6	970.7	1002.5	1022.9	1047.9	1081.2	1108.4	1131.9	1156.8
17.5°	843.6	881.4	922.3	966.9	1013.1	1039.5	1058.5	1088.0	1117.5	1147.7	1171.2
20°	823.9	873.1	914.7	962.4	1016.9	1035.8	1055.4	1090.2	1122.0	1154.5	1184.1
22.5°	808.0	854.9	911.7	957.1	1003.2	1022.1	1046.4	1082.7	1120.5	1157.6	1200.7
25°	787.6	839.8	889.0	937.4	985.1	1005.5	1027.4	1074.4	1113.7	1161.4	1209.0
27.5°	765.7	819.4	868.6	912.4	957.1	985.1	1008.5	1057.7	1109.9	1162.1	1224.2
30°	742.2	792.9	839.8	882.9	932.1	960.9	984.3	1041.8	1100.1	1166.7	1240.8
32.5°	717.2	764.9	805.0	848.9	901.1	927.6	959.4	1022.1	1091.0	1170.4	1263.5
35°	685.5	730.9	766.4	811.1	863.3	897.3	930.6	1001.0	1081.2	1169.7	1276.4
37.5°	653.7	689.2	723.3	771.0	831.5	862.5	897.3	974.5	1066.0	1167.4	1281.7
40°	615.9	650.7	680.2	728.6	792.1	827.7	864.0	945.0	1048.6	1159.1	1262.7
42.5°	578.0	607.5	640.1	690.8	752.0	789.9	828.5	918.5	1025.9	1134.9	1210.5
45°	538.7	561.4	596.9	643.1	708.2	744.5	788.4	886.0	994.2	1091.0	1128.8
47.5°	497.8	520.5	553.8	598.5	662.8	705.9	747.5	845.1	954.1	1029.0	1029.0
50°	458.5	476.6	509.2	553.8	618.9	658.2	700.6	804.3	892.0	947.2	898.1
52.5°	416.1	436.5	463.8	510.7	575.0	610.6	656.7	745.2	828.5	851.2	775.5
55°	379.0	395.7	421.4	466.1	525.8	562.9	602.2	687.0	757.3	755.8	674.9
57.5°	340.5	354.1	381.3	422.2	477.4	510.7	550.0	623.4	680.9	660.5	584.1
60°	304.9	314.7	341.2	374.5	427.5	458.5	496.3	556.1	600.0	571.2	494.1
62.5°	267.8	279.2	300.4	332.9	379.8	404.8	432.8	493.3	521.3	495.6	416.9
65°	234.5	243.6	262.5	289.8	332.1	354.8	379.0	429.0	455.5	418.4	353.3
67.5°	201.3	211.8	225.5	249.7	283.0	304.1	325.3	368.5	380.6	347.3	292.8
70°	170.2	179.3	192.2	209.6	237.6	256.5	272.4	307.9	316.3	285.2	242.1
72.5°	140.0	146.0	156.6	171.0	196.7	207.3	223.9	248.2	258.8	230.8	199.7
75°	113.5	118.0	124.8	135.4	152.8	164.2	177.8	200.5	199.7	180.1	158.1
77.5°	87.8	88.5	96.1	105.9	116.5	126.3	133.2	149.0	150.6	138.5	120.3
80°	62.8	65.1	68.1	75.7	84.7	88.5	96.8	106.7	108.2	99.1	87.0
82.5°	40.1	41.6	43.9	48.4	54.5	59.0	63.6	67.3	71.1	65.8	56.0
85°	22.7	23.5	25.7	27.2	30.3	32.5	36.3	40.1	39.3	35.6	32.5
87.5°	11.3	11.3	11.3	12.9	14.4	14.4	15.9	16.6	17.4	15.9	14.4
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°	891.3	891.3	891.3	891.3	891.3	891.3	891.3	891.3	891.3	891.3	891.3
2.5°	932.1	937.4	941.9	945.7	948.8	953.3	950.3	951.0	952.5	955.6	955.6
5°	992.6	1001.0	1005.5	1020.6	1024.4	1023.7	1021.4	1033.5	1032.7	1028.2	1027.4
7.5°	1051.7	1066.0	1078.9	1091.0	1094.8	1104.6	1106.9	1112.2	1110.7	1118.2	1114.5
10°	1105.4	1128.1	1140.2	1158.3	1162.9	1167.4	1173.5	1176.5	1183.3	1182.5	1182.5
12.5°	1147.0	1174.2	1190.1	1194.6	1212.0	1217.3	1222.6	1232.5	1230.2	1231.0	1235.5
15°	1179.5	1206.0	1219.6	1240.8	1252.9	1259.0	1268.0	1278.6	1277.1	1283.9	1282.4
17.5°	1203.7	1228.7	1253.7	1285.4	1286.2	1302.1	1323.3	1327.8	1337.6	1330.8	1330.8
20°	1223.4	1256.7	1292.2	1333.1	1337.6	1347.5	1373.2	1390.6	1402.0	1398.2	1400.4
22.5°	1244.6	1292.2	1333.9	1374.7	1396.7	1414.1	1439.0	1466.3	1476.1	1482.2	1480.6
25°	1271.8	1321.8	1383.0	1439.8	1462.5	1495.8	1529.1	1555.5	1563.1	1579.8	1564.6
27.5°	1299.8	1370.2	1446.6	1513.2	1541.9	1569.2	1609.3	1628.9	1638.8	1646.3	1641.0
30°	1323.3	1420.1	1503.3	1564.6	1585.0	1600.9	1623.6	1628.2	1624.4	1630.4	1638.0
32.5°	1359.6	1454.2	1524.5	1554.0	1551.8	1551.0	1533.6	1509.4	1504.1	1489.7	1509.4
35°	1379.3	1454.9	1482.2	1442.8	1426.9	1398.2	1342.9	1306.6	1274.8	1268.0	1269.6
37.5°	1367.9	1397.4	1364.9	1261.2	1235.5	1191.6	1118.2	1066.8	1043.3	1025.2	1048.6
40°	1306.6	1274.1	1184.8	1058.5	1021.4	979.8	910.9	882.9	849.6	842.8	873.9
42.5°	1205.2	1106.1	979.8	882.2	843.6	820.1	762.6	736.2	712.7	702.1	719.5
45°	1067.5	947.2	820.1	739.9	707.4	679.4	645.4	617.4	602.2	597.7	612.1
47.5°	925.3	798.2	696.8	637.0	603.0	581.8	550.0	534.1	522.0	523.6	525.8
50°	789.1	673.4	595.4	535.7	519.0	502.4	481.2	467.6	461.5	463.8	462.3
52.5°	671.8	578.0	512.2	466.1	458.5	442.6	425.2	413.9	411.6	412.3	414.6
55°	569.0	495.6	443.4	410.1	401.7	390.4	379.8	372.2	366.2	368.5	367.7
57.5°	491.0	426.7	386.6	359.4	353.3	346.5	336.7	332.9	330.6	326.1	329.9
60°	422.2	370.0	335.2	318.5	313.2	308.7	298.1	293.6	292.0	289.8	295.8
62.5°	357.1	320.0	293.6	278.4	273.1	268.6	263.3	259.5	260.3	257.2	260.3
65°	305.7	275.4	256.5	242.9	236.1	233.0	232.3	226.2	225.5	226.2	227.0
67.5°	258.0	232.3	217.9	209.6	204.3	201.3	199.0	195.2	198.2	196.0	197.5
70°	214.9	197.5	182.3	174.0	171.7	172.5	168.7	167.2	168.0	166.4	168.0
72.5°	173.3	158.9	152.8	146.8	143.8	143.0	140.7	138.5	140.7	140.0	140.0
75°	138.5	127.9	121.1	117.3	117.3	115.8	112.0	112.0	112.0	111.2	112.0
77.5°	106.7	97.6	94.6	90.8	90.8	88.5	87.8	87.8	86.3	88.5	87.0
80°	79.4	72.6	68.1	65.8	65.8	65.1	63.6	62.8	63.6	62.8	62.8
82.5°	51.4	48.4	46.2	43.9	43.1	43.9	43.1	41.6	42.4	41.6	43.1
85°	29.5	26.5	26.5	25.0	25.7	24.2	25.0	23.5	22.7	25.0	23.5
87.5°	12.9	12.1	12.1	10.6	10.6	10.6	9.8	10.6	9.8	9.1	9.8
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: P1035474

CATALOG NUMBER: S125DIW-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: P1035474

CATALOG NUMBER: S125DIW-B610D470UB30-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	891.3	891.3	891.3	891.3	891.3	891.3	891.3	891.3	891.3	891.3	891.3
2.5°	954.1	948.8	950.3	948.8	945.0	942.7	936.7	929.1	926.1	922.3	920.0
5°	1030.5	1026.7	1025.9	1019.9	1018.4	1009.3	994.2	986.6	977.5	968.4	959.4
7.5°	1113.7	1109.2	1094.0	1091.8	1093.3	1081.9	1062.2	1047.1	1028.2	1015.3	997.9
10°	1182.5	1173.5	1160.6	1161.4	1156.1	1140.9	1121.3	1105.4	1078.1	1061.5	1036.5
12.5°	1224.2	1216.6	1215.1	1207.5	1203.0	1183.3	1159.8	1139.4	1119.0	1096.3	1077.4
15°	1274.8	1265.0	1258.2	1247.6	1244.6	1224.2	1198.4	1175.0	1151.5	1130.3	1090.2
17.5°	1330.8	1320.2	1294.5	1292.2	1274.1	1254.4	1229.5	1194.6	1169.7	1139.4	1109.9
20°	1394.4	1379.3	1346.0	1337.6	1323.3	1290.7	1256.7	1218.1	1178.0	1147.0	1112.2
22.5°	1465.5	1439.0	1414.8	1388.3	1377.7	1337.6	1290.7	1243.8	1195.4	1153.0	1111.4
25°	1557.8	1523.0	1489.0	1462.5	1444.3	1392.1	1329.3	1267.3	1211.3	1156.1	1101.6
27.5°	1630.4	1600.2	1563.1	1528.3	1504.8	1442.8	1370.9	1290.7	1221.1	1153.8	1095.5
30°	1635.7	1626.7	1604.0	1585.0	1559.3	1492.7	1413.3	1322.5	1236.3	1154.5	1083.4
32.5°	1536.6	1554.8	1564.6	1567.6	1562.3	1523.8	1451.1	1351.3	1249.9	1147.7	1072.8
35°	1323.3	1371.7	1431.5	1454.2	1476.1	1496.5	1458.7	1371.7	1254.4	1146.2	1056.2
37.5°	1089.5	1133.4	1232.5	1277.9	1303.6	1384.6	1415.6	1368.7	1263.5	1147.7	1040.3
40°	879.2	948.8	1019.9	1081.2	1121.3	1212.0	1308.1	1318.7	1250.6	1133.4	1019.9
42.5°	739.9	780.8	834.5	891.3	926.8	1034.3	1164.4	1240.8	1210.5	1109.9	994.9
45°	630.2	660.5	711.2	730.1	775.5	878.4	1016.1	1126.6	1141.7	1072.8	966.2
47.5°	541.0	566.7	599.2	622.7	659.0	736.2	852.7	974.5	1047.1	1022.1	926.1
50°	476.6	497.8	525.1	538.7	562.1	631.7	719.5	840.6	938.2	946.5	873.9
52.5°	422.9	435.0	456.2	471.4	490.3	532.6	612.1	711.9	821.7	867.0	809.5
55°	376.0	385.9	404.8	414.6	424.4	460.8	522.8	613.6	716.5	776.3	743.7
57.5°	333.7	342.0	357.9	366.9	372.2	407.0	454.7	525.8	618.1	690.8	672.6
60°	298.9	306.4	315.5	322.3	328.4	357.1	390.4	447.9	530.4	600.7	596.2
62.5°	261.8	268.6	278.4	285.2	290.5	308.7	336.7	380.6	450.9	516.0	528.9
65°	229.2	234.5	241.4	244.4	251.2	264.8	287.5	326.8	384.3	442.6	451.7
67.5°	199.7	201.3	205.8	212.6	214.1	226.2	246.6	276.2	320.8	368.5	382.8
70°	168.0	170.2	174.0	179.3	182.3	189.9	207.3	227.0	265.6	307.2	317.8
72.5°	140.0	143.0	144.5	147.5	149.0	161.2	168.7	188.4	214.9	249.7	261.0
75°	113.5	116.5	117.3	118.8	120.3	125.6	136.2	148.3	170.2	192.9	208.1
77.5°	90.0	89.3	90.8	93.1	92.3	96.8	103.7	114.2	128.6	147.5	157.4
80°	63.6	63.6	65.8	68.1	67.3	71.9	74.1	81.7	93.8	105.9	109.7
82.5°	42.4	42.4	44.6	44.6	46.2	46.9	49.9	53.7	63.6	69.6	71.9
85°	24.2	24.2	25.0	25.0	25.0	26.5	28.8	30.3	33.3	37.1	38.6
87.5°	9.8	10.6	10.6	10.6	10.6	12.1	12.1	13.6	14.4	15.9	15.9
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: P1035474

CATALOG NUMBER: S125DIW-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: P1035474

CATALOG NUMBER: S125DIW-B610D470UB30-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
0°	891.3	891.3	891.3	891.3	891.3	891.3	891.3	891.3	891.3	891.3	891.3
2.5°	917.0	913.2	908.7	908.7	903.4	901.1	896.6	895.0	891.3	885.2	880.7
5°	949.5	939.7	933.6	928.3	917.0	908.7	900.3	891.3	882.2	871.6	859.5
7.5°	981.3	963.1	954.8	945.7	929.1	911.7	895.0	882.9	870.8	854.2	839.1
10°	1014.6	991.9	976.8	964.6	938.9	917.0	892.8	875.4	856.5	835.3	815.6
12.5°	1042.6	1013.1	1000.2	977.5	948.0	921.5	891.3	864.8	839.8	814.8	790.6
15°	1066.0	1038.0	1006.3	997.2	956.3	918.5	884.4	850.4	819.4	794.4	766.4
17.5°	1073.6	1038.0	1022.1	1000.2	951.8	912.4	869.3	832.2	802.7	765.7	743.7
20°	1075.9	1041.8	1019.9	999.4	956.3	904.1	861.8	816.4	780.8	743.7	708.9
22.5°	1069.8	1029.7	1008.5	988.9	940.4	895.8	846.6	796.7	755.1	721.0	686.2
25°	1058.5	1011.6	991.1	969.9	923.8	874.6	820.9	773.2	734.6	693.8	659.7
27.5°	1043.3	989.6	966.2	944.2	898.8	852.7	802.0	752.8	709.7	666.6	634.8
30°	1024.4	962.4	941.2	912.4	868.6	824.7	778.5	729.3	680.9	640.1	605.3
32.5°	1000.2	935.1	907.1	879.9	832.2	792.1	748.3	702.1	655.2	615.1	578.8
35°	978.3	904.1	873.1	845.9	792.9	750.5	714.2	671.1	629.5	587.9	555.3
37.5°	948.8	873.1	836.0	808.0	754.3	711.2	677.1	643.9	600.0	559.9	529.6
40°	917.7	834.5	799.7	771.7	715.7	668.8	636.3	606.8	571.2	534.1	502.4
42.5°	889.7	797.4	760.4	726.3	669.6	628.0	594.7	572.0	539.4	506.2	477.4
45°	854.2	758.1	718.0	682.4	628.0	582.6	550.8	532.6	508.4	475.9	450.9
47.5°	817.9	715.7	674.1	639.3	580.3	540.2	509.2	491.8	475.1	449.4	424.4
50°	770.2	671.1	633.3	593.2	534.9	494.1	468.3	450.9	438.1	419.9	398.7
52.5°	718.0	624.9	584.1	549.3	491.8	454.7	425.2	415.4	402.5	388.9	370.7
55°	662.8	575.0	535.7	501.6	448.7	410.8	386.6	376.0	366.2	355.6	343.5
57.5°	607.5	522.8	485.7	455.5	406.3	370.0	350.3	335.9	329.1	323.1	313.2
60°	538.7	466.8	438.1	410.8	362.4	329.1	310.2	299.6	293.6	290.5	286.0
62.5°	478.2	419.1	387.4	360.9	322.3	292.8	274.6	266.3	261.0	259.5	254.2
65°	413.9	363.2	338.2	315.5	282.2	255.7	240.6	230.8	227.0	226.2	226.2
67.5°	353.3	312.5	287.5	271.6	242.9	219.4	205.0	201.3	199.0	196.0	195.2
70°	296.6	264.0	242.1	228.5	202.8	185.4	174.0	168.0	168.0	165.7	164.2
72.5°	246.6	214.1	199.7	188.4	167.2	152.1	143.8	142.2	136.9	136.2	136.2
75°	192.9	168.7	158.9	149.0	133.2	122.6	115.8	112.0	108.9	108.9	109.7
77.5°	145.3	128.6	119.5	112.0	100.6	93.8	88.5	87.0	84.0	84.0	84.0
80°	102.9	93.8	87.0	81.0	72.6	66.6	63.6	60.5	60.5	59.8	60.5
82.5°	66.6	59.0	55.2	54.5	46.9	44.6	40.9	41.6	39.3	38.6	40.1
85°	38.6	34.8	30.3	28.8	25.7	22.7	21.2	21.9	21.2	20.4	21.2
87.5°	15.1	12.9	12.1	12.1	9.8	9.1	8.3	9.1	7.6	7.6	8.3
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: P1035474

CATALOG NUMBER: S125DIW-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: P1035474

CATALOG NUMBER: S125DIW-B610D470UB30-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
0°	891.3	891.3	891.3	891.3	891.3	891.3	891.3	891.3	891.3	891.3	891.3
2.5°	879.2	877.6	873.9	871.6	864.0	854.9	851.9	844.3	847.4	842.1	842.1
5°	855.7	848.9	844.3	837.5	823.2	813.3	802.7	797.4	794.4	790.6	787.6
7.5°	825.4	820.1	815.6	802.7	786.8	773.2	760.4	755.1	745.2	738.4	735.4
10°	799.0	791.4	780.8	765.7	749.0	731.6	720.3	708.9	701.4	697.6	689.2
12.5°	771.7	762.6	751.3	729.3	711.2	700.6	680.2	669.6	665.8	662.8	652.9
15°	743.7	733.9	720.3	699.8	684.0	659.0	646.9	638.6	629.5	628.7	621.2
17.5°	718.8	706.7	695.3	670.3	650.7	628.7	621.9	612.8	604.5	595.4	591.6
20°	687.0	675.6	667.3	640.1	618.1	604.5	593.2	585.6	580.3	571.2	569.7
22.5°	658.2	646.1	634.8	614.3	595.4	578.0	564.4	556.1	553.8	550.0	543.2
25°	630.2	618.1	604.5	585.6	565.9	553.8	541.7	536.4	531.9	525.8	520.5
27.5°	606.8	595.4	582.6	559.1	542.5	533.4	520.5	514.5	508.4	505.4	503.1
30°	578.8	565.9	556.1	537.9	519.8	507.7	498.6	493.3	488.0	485.0	483.5
32.5°	551.6	539.4	532.6	513.0	498.6	484.2	477.4	473.6	470.6	467.6	464.5
35°	529.6	517.5	506.9	488.8	474.4	464.5	459.2	453.2	450.9	447.9	447.9
37.5°	502.4	493.3	482.7	465.3	452.4	444.9	440.3	432.8	432.0	430.5	428.2
40°	478.9	469.8	460.0	444.9	433.5	424.4	418.4	414.6	412.3	410.8	409.3
42.5°	454.0	444.1	439.6	422.2	412.3	403.3	400.2	396.5	395.7	392.7	388.9
45°	429.7	421.4	412.3	399.5	391.2	383.6	379.0	376.0	372.2	371.5	369.2
47.5°	408.6	398.7	390.4	378.3	369.2	363.2	359.4	355.6	352.6	350.3	348.0
50°	381.3	373.8	366.9	354.1	346.5	340.5	335.2	332.1	329.1	329.1	329.1
52.5°	354.8	348.0	342.0	332.9	323.8	318.5	312.5	310.2	308.7	306.4	308.7
55°	329.1	322.3	316.3	309.4	298.9	294.3	288.3	286.0	286.7	286.7	289.0
57.5°	301.9	296.6	292.8	284.5	274.6	270.1	266.3	264.0	264.0	267.1	267.8
60°	275.4	270.1	263.3	255.7	249.7	244.4	242.1	242.9	242.9	244.4	248.2
62.5°	245.9	242.9	239.1	228.5	224.7	220.9	217.9	220.2	219.4	223.2	228.5
65°	218.7	215.6	210.3	205.0	200.5	196.7	196.0	196.7	198.2	202.0	208.1
67.5°	188.4	188.4	183.9	179.3	175.5	171.7	172.5	173.3	174.8	179.3	188.4
70°	163.4	160.4	155.9	152.8	149.8	148.3	146.8	149.8	154.3	157.4	164.2
72.5°	136.2	133.9	130.1	127.1	126.3	124.8	124.1	125.6	130.1	135.4	143.0
75°	107.4	108.2	105.9	103.7	103.7	101.4	102.9	102.9	107.4	112.7	118.8
77.5°	83.2	82.5	81.7	80.2	79.4	79.4	79.4	81.0	85.5	88.5	94.6
80°	59.0	59.8	57.5	58.3	57.5	58.3	58.3	61.3	63.6	67.3	71.9
82.5°	39.3	39.3	37.8	38.6	38.6	38.6	39.3	40.9	43.9	46.9	49.9
85°	21.9	22.7	21.2	22.7	22.7	22.7	23.5	24.2	26.5	27.2	30.3
87.5°	8.3	9.8	9.8	8.3	9.1	9.8	10.6	9.8	11.3	12.9	13.6
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: P1035474

CATALOG NUMBER: S125DIW-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: P1035474

CATALOG NUMBER: S125DIW-B610D470UB30-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
0°	891.3	891.3	891.3	891.3	891.3	891.3	891.3	891.3	891.3	891.3	891.3
2.5°	845.1	839.8	839.1	840.6	837.5	842.1	840.6	842.1	838.3	842.1	839.8
5°	786.8	785.3	782.3	778.5	779.3	780.0	783.8	780.0	783.1	783.8	787.6
7.5°	732.4	729.3	731.6	730.1	723.3	721.8	723.3	725.6	730.1	733.1	735.4
10°	688.5	687.0	684.0	681.7	677.9	675.6	678.7	675.6	681.7	687.0	687.0
12.5°	655.2	649.2	645.4	644.6	636.3	637.8	640.8	643.1	649.9	652.9	652.9
15°	620.4	615.9	614.3	611.3	608.3	611.3	609.8	612.1	615.1	618.1	619.6
17.5°	590.1	589.4	590.1	582.6	584.8	581.1	581.8	585.6	583.3	585.6	590.1
20°	562.9	564.4	562.1	559.1	559.1	554.6	559.9	558.4	559.1	563.7	570.5
22.5°	542.5	541.7	539.4	537.2	534.1	534.9	535.7	534.1	540.2	544.0	544.7
25°	520.5	519.0	518.3	516.0	513.0	516.0	515.2	516.0	517.5	523.6	519.0
27.5°	500.1	497.1	498.6	496.3	495.6	496.3	496.3	497.1	498.6	499.3	500.1
30°	482.7	479.7	478.9	477.4	476.6	477.4	478.9	477.4	483.5	482.7	482.7
32.5°	463.8	461.5	460.0	460.0	459.2	458.5	459.2	460.0	464.5	461.5	464.5
35°	445.6	444.1	444.1	442.6	441.8	441.8	441.8	444.9	443.4	445.6	445.6
37.5°	428.2	428.2	427.5	426.0	425.2	426.0	425.2	426.7	426.0	426.7	427.5
40°	410.1	408.6	407.8	407.8	405.5	403.3	405.5	405.5	406.3	408.6	409.3
42.5°	388.1	388.9	388.9	385.9	385.9	385.9	386.6	387.4	387.4	388.9	388.9
45°	369.2	367.7	367.7	367.7	366.2	366.9	368.5	368.5	368.5	368.5	366.9
47.5°	348.0	348.0	348.8	348.8	351.1	350.3	350.3	349.5	348.0	348.0	348.8
50°	328.4	330.6	331.4	331.4	332.1	332.9	332.9	331.4	330.6	328.4	328.4
52.5°	309.4	311.0	312.5	314.7	316.3	315.5	315.5	314.0	311.0	310.2	309.4
55°	289.0	291.3	294.3	296.6	298.9	299.6	299.6	296.6	293.6	289.8	289.8
57.5°	270.1	272.4	277.7	279.9	283.0	283.0	281.4	279.2	274.6	271.6	269.3
60°	251.2	255.0	258.8	263.3	267.1	267.8	265.6	262.5	257.2	253.5	250.4
62.5°	230.8	234.5	242.1	246.6	249.7	249.7	249.7	245.9	239.1	233.8	229.2
65°	211.1	214.9	221.7	227.7	230.0	232.3	230.0	226.2	220.9	214.9	210.3
67.5°	190.7	195.2	202.0	206.5	209.6	211.8	210.3	207.3	200.5	192.2	189.1
70°	168.0	170.2	180.1	184.6	189.1	190.7	189.1	184.6	177.8	168.7	165.7
72.5°	146.8	149.0	158.1	161.9	165.7	167.2	164.9	161.9	155.9	147.5	143.8
75°	122.6	126.3	130.9	136.9	141.5	143.0	140.7	138.5	130.9	125.6	122.6
77.5°	96.8	100.6	106.7	112.0	116.5	115.8	112.7	113.5	105.2	99.1	96.8
80°	73.4	76.4	81.0	85.5	87.8	87.8	87.0	84.0	81.0	76.4	72.6
82.5°	50.7	54.5	58.3	61.3	61.3	62.0	60.5	59.8	56.7	53.0	52.2
85°	30.3	31.0	34.0	34.0	37.1	35.6	34.8	37.1	34.0	31.8	31.0
87.5°	13.6	12.9	13.6	13.6	12.9	14.4	14.4	13.6	14.4	13.6	13.6
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: P1035474

CATALOG NUMBER: S125DIW-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: P1035474

CATALOG NUMBER: S125DIW-B610D470UB30-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
0°	891.3	891.3	891.3	891.3	891.3	891.3	891.3	891.3	891.3	891.3	891.3
2.5°	846.6	842.1	847.4	840.6	842.1	850.4	849.6	857.2	861.8	861.0	864.8
5°	790.6	790.6	792.9	792.1	799.7	806.5	815.6	823.2	831.5	836.0	841.3
7.5°	735.4	743.0	744.5	748.3	757.3	768.7	777.8	789.1	801.2	809.5	815.6
10°	690.0	696.1	702.1	705.1	715.0	730.1	743.0	761.1	776.3	785.3	793.7
12.5°	649.9	656.7	659.7	673.4	680.2	690.0	708.2	727.8	744.5	754.3	761.1
15°	621.2	624.9	631.7	640.1	646.9	659.0	674.1	696.1	711.9	720.3	743.7
17.5°	596.9	601.5	605.3	609.1	619.6	632.5	646.9	665.8	686.2	700.6	712.7
20°	572.0	574.2	578.8	584.8	592.4	604.5	617.4	637.0	655.2	666.6	682.4
22.5°	542.5	549.3	553.8	558.4	566.7	580.3	592.4	606.8	629.5	642.3	659.0
25°	525.1	528.1	531.1	536.4	542.5	554.6	568.2	583.3	601.5	615.1	629.5
27.5°	502.4	506.9	510.7	517.5	521.3	531.1	544.0	559.1	581.1	592.4	604.5
30°	483.5	488.0	491.0	494.1	499.3	509.9	522.0	534.1	554.6	569.0	581.1
32.5°	464.5	469.1	472.9	475.1	480.4	487.2	497.1	512.2	529.6	539.4	555.3
35°	447.9	447.9	452.4	455.5	460.0	466.1	475.1	486.5	504.6	517.5	531.9
37.5°	429.0	429.7	433.5	435.8	440.3	446.4	455.5	466.1	481.2	491.0	505.4
40°	409.3	411.6	413.1	416.9	422.2	424.4	433.5	445.6	460.8	469.8	481.9
42.5°	389.6	391.2	394.9	398.0	402.5	406.3	412.3	423.7	435.0	448.7	458.5
45°	367.7	371.5	373.8	379.0	381.3	385.1	391.2	400.2	413.9	422.2	433.5
47.5°	348.8	350.3	351.8	358.6	363.2	365.4	371.5	376.8	391.2	398.7	409.3
50°	328.4	328.4	330.6	333.7	339.0	343.5	348.8	354.8	366.2	373.8	384.3
52.5°	309.4	307.2	308.7	310.2	315.5	320.0	325.3	333.7	344.2	348.8	357.9
55°	289.0	285.2	287.5	289.8	291.3	297.3	303.4	308.7	317.0	323.8	332.1
57.5°	267.1	266.3	264.8	265.6	269.3	273.1	277.7	284.5	294.3	299.6	304.1
60°	247.4	242.9	241.4	242.9	245.1	247.4	253.5	259.5	267.8	273.1	278.4
62.5°	227.0	222.4	219.4	217.1	219.4	224.7	228.5	233.0	239.8	245.9	250.4
65°	207.3	200.5	197.5	196.0	195.2	199.0	202.0	208.1	214.1	216.4	221.7
67.5°	185.4	179.3	175.5	173.3	173.3	173.3	176.3	182.3	188.4	189.1	194.4
70°	163.4	156.6	152.8	149.8	148.3	149.8	153.6	154.3	159.6	161.2	164.2
72.5°	140.0	133.9	129.4	125.6	126.3	127.9	127.9	129.4	132.4	136.2	136.2
75°	118.0	109.7	107.4	104.4	102.9	102.9	102.9	105.9	108.2	111.2	110.5
77.5°	93.1	88.5	84.0	82.5	80.2	79.4	81.0	81.0	82.5	84.7	85.5
80°	71.9	66.6	63.6	62.0	59.0	58.3	59.0	59.0	61.3	60.5	61.3
82.5°	49.9	46.2	43.9	41.6	40.1	40.9	40.1	40.1	40.9	40.1	40.1
85°	28.8	28.0	26.5	25.7	25.0	23.5	25.0	24.2	23.5	22.7	24.2
87.5°	13.6	12.9	12.9	11.3	11.3	10.6	11.3	11.3	10.6	10.6	10.6
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: P1035474

CATALOG NUMBER: S125DIW-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: P1035474

CATALOG NUMBER: S125DIW-B610D470UB30-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
0°	891.3	891.3	891.3	891.3
2.5°	870.1	877.6	882.9	892.8
5°	850.4	864.0	876.9	890.5
7.5°	830.7	846.6	867.0	884.4
10°	808.8	829.2	853.4	876.9
12.5°	786.8	811.1	837.5	868.6
15°	760.4	791.4	822.4	855.7
17.5°	736.9	768.7	802.0	843.6
20°	710.4	745.2	781.6	823.9
22.5°	687.0	725.6	763.4	808.0
25°	660.5	698.3	739.9	787.6
27.5°	638.6	673.4	714.2	765.7
30°	612.1	649.9	690.8	742.2
32.5°	587.1	623.4	666.6	717.2
35°	561.4	598.5	637.0	685.5
37.5°	537.2	569.0	607.5	653.7
40°	509.9	544.7	579.5	615.9
42.5°	485.0	516.7	549.3	578.0
45°	457.0	484.2	515.2	538.7
47.5°	431.3	455.5	479.7	497.8
50°	405.5	424.4	442.6	458.5
52.5°	375.3	396.5	406.3	416.1
55°	348.0	360.1	369.2	379.0
57.5°	321.5	326.8	331.4	340.5
60°	286.7	292.8	298.1	304.9
62.5°	256.5	259.5	261.0	267.8
65°	227.7	227.0	230.8	234.5
67.5°	196.7	196.0	199.7	201.3
70°	166.4	165.7	166.4	170.2
72.5°	137.7	137.7	138.5	140.0
75°	111.2	111.2	112.0	113.5
77.5°	84.0	85.5	84.7	87.8
80°	61.3	59.8	61.3	62.8
82.5°	40.1	41.6	41.6	40.1
85°	22.7	22.7	22.7	22.7
87.5°	9.8	9.8	10.6	11.3
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: P1035474

CATALOG NUMBER: S125DIW-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)