

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: P1035504

Luminaire Tested: S125DIW-B610D770UB30-4F0-XX-W2A-A1

Issue Date: 5/7/2025

Test Information

Test Method: LM-79-2019
Report Number: P1035504
REPORT IS A COMBINATION OF REPORTS P1004004 AND P1007351
Test Lab: INNOVATION CENTER
Issue Date: 5/7/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: NEO-RAY
Catalog Number: S125DIW-B610D770UB30-4F0-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

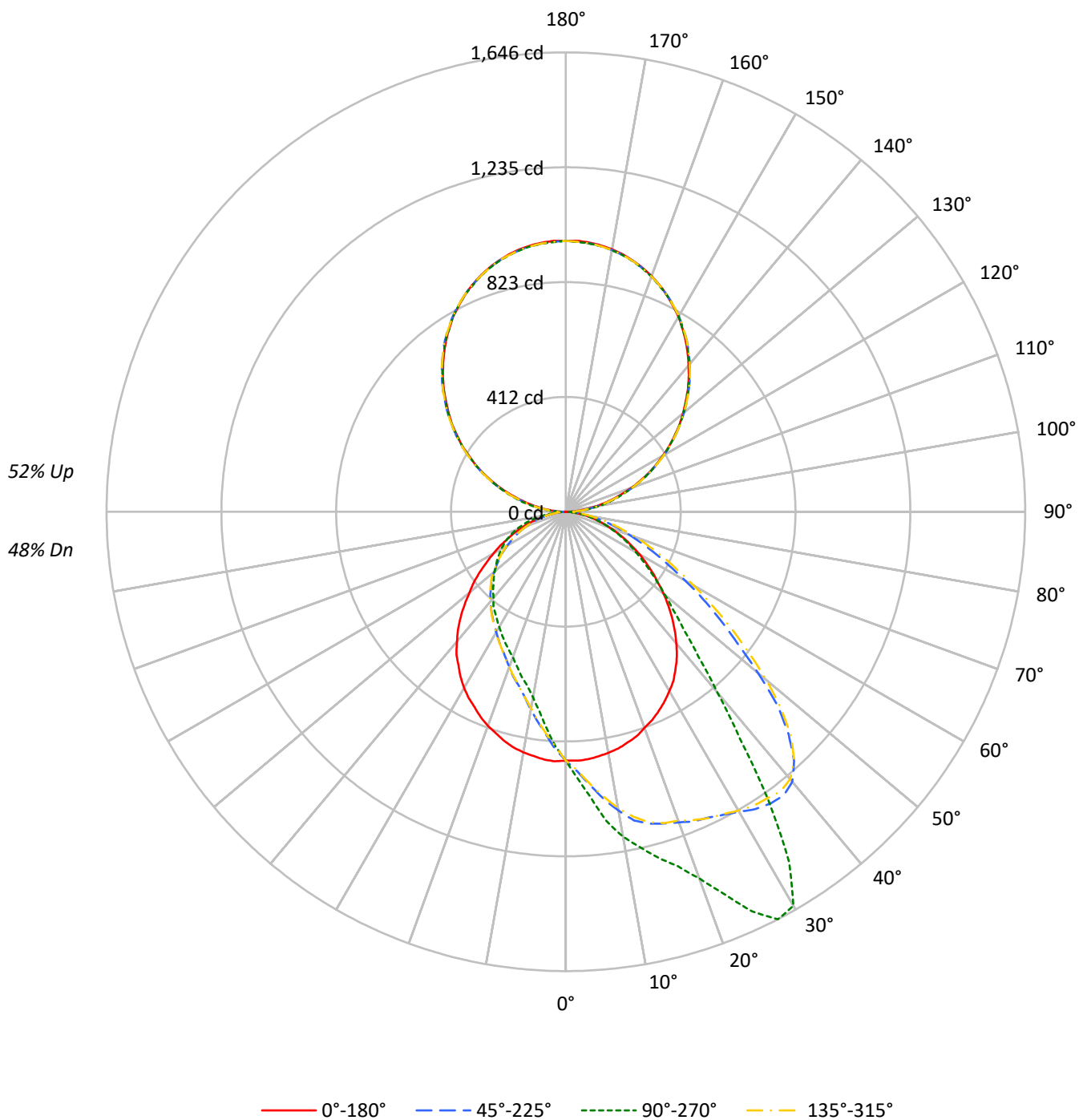
Lumens per Lamp: N/A
Luminaire Lumens: 5225.0 lumens
Efficiency: N/A
Efficacy: 110.7 lumens/watt
Spacing Criteria (0/90/45): 1.23 / 1.43 / 1.52
Luminous Opening: Rectangular w/ Sides (W: 0.42' x L: 4' x H: 0.1')
CIE Type: General Diffuse

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



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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20					20					20					20
RC	80				70					50					30					0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10
RCR																				
0	107	107	107	107	98	98	98	98	82	82	82	68	68	68	54	54	54	48	48	48
1	98	93	90	86	90	86	83	80	72	70	68	60	58	57	48	47	46	41	41	41
2	89	82	76	71	82	76	70	66	64	60	57	53	50	48	43	41	39	35	35	35
3	81	72	65	59	75	67	60	55	56	52	48	47	44	41	38	36	34	30	30	30
4	74	64	56	50	68	59	52	47	50	45	41	42	38	35	34	31	29	25	25	25
5	68	57	49	43	63	53	46	40	45	39	35	38	34	30	31	28	25	22	22	22
6	63	51	43	37	58	47	40	35	40	35	31	34	30	27	28	25	22	20	20	20
7	58	46	38	33	53	43	36	31	37	31	27	31	27	24	26	22	20	17	17	17
8	54	42	34	29	50	39	32	27	33	28	24	28	24	21	23	20	18	16	16	16
9	50	38	31	26	46	36	29	24	31	25	22	26	22	19	22	18	16	14	14	14
10	47	35	28	23	43	33	26	22	28	23	19	24	20	17	20	17	15	13	13	13

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	1.6
10°-20°	255.5	4.9
20°-30°	415.0	7.9
30°-40°	507.2	9.7
40°-50°	460.1	8.8
50°-60°	366.5	7.0
60°-70°	255.2	4.9
70°-80°	136.0	2.6
80°-90°	35.2	0.7
90°-100°	64.5	1.2
100°-110°	191.7	3.7
110°-120°	325.1	6.2
120°-130°	428.0	8.2
130°-140°	479.6	9.2
140°-150°	470.1	9.0
150°-160°	394.9	7.6
160°-170°	262.5	5.0
170°-180°	91.9	1.8
0°-30°	756.3	14.5
0°-40°	1263.5	24.2
0°-60°	2090.1	40.0
0°-90°	2516.5	48.2
90°-120°	581.4	11.1
90°-150°	1959.2	37.5
90°-180°	2708.0	51.8
0°-180°	5225.0	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°	1	18	1	18	1	5
95°	49	65	49	65	49	51
105°	172	187	172	187	172	184
115°	326	328	326	328	326	322
125°	475	478	475	478	475	426
135°	618	620	618	620	618	476
145°	748	751	748	751	748	468
155°	856	856	856	856	856	394
165°	931	929	931	929	931	263
175°	968	964	968	964	968	92
180°	970	970	970	970	970	

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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°	0.8	2.1	3.5	4.8	6.1	6.8	7.4	8.6	9.7	10.9	12.1
92.5°	22.7	23.5	24.3	25.2	26.0	26.4	27.2	28.7	30.2	31.7	33.2
95°	49.1	49.4	49.8	50.1	50.4	50.6	51.4	53.1	54.8	56.5	58.2
97.5°	75.5	75.7	75.9	76.0	76.2	76.3	77.5	79.8	82.2	84.5	86.9
100°	105.7	105.7	105.7	105.7	105.7	105.7	106.8	109.0	111.1	113.3	115.5
102.5°	138.2	139.0	139.9	140.7	141.6	142.0	142.4	143.3	144.1	145.0	145.8
105°	172.2	173.0	173.9	174.7	175.6	176.0	176.5	177.5	178.5	179.5	180.5
107.5°	209.2	210.0	210.9	211.7	212.6	213.0	213.4	214.2	215.1	215.9	216.7
110°	247.7	248.5	249.4	250.2	251.1	251.5	251.8	252.3	252.8	253.3	253.8

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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	287.0	287.3	287.7	288.0	288.3	288.5	288.8	289.5	290.2	290.8	291.5
115°	325.5	326.2	326.8	327.5	328.2	328.5	328.7	329.0	329.3	329.7	330.0
117.5°	364.8	365.0	365.1	365.3	365.4	365.5	365.7	366.0	366.3	366.7	367.0
120°	401.0	401.8	402.7	403.5	404.4	404.8	404.9	405.1	405.2	405.4	405.6
122.5°	440.3	440.5	440.7	440.8	441.0	441.1	441.3	441.8	442.3	442.8	443.3
125°	475.0	476.0	477.0	478.1	479.1	479.6	479.7	479.8	480.0	480.1	480.3
127.5°	513.6	514.1	514.6	515.1	515.6	515.8	515.9	516.1	516.2	516.4	516.6
130°	547.5	548.3	549.2	550.0	550.9	551.3	551.5	551.8	552.1	552.5	552.8
132.5°	581.5	583.0	584.5	586.0	587.5	588.3	588.2	588.1	587.9	587.8	587.6
135°	617.8	618.8	619.8	620.8	621.8	622.3	622.4	622.6	622.7	622.9	623.1
137.5°	651.8	652.8	653.8	654.8	655.8	656.3	656.5	656.8	657.1	657.5	657.8
140°	684.2	685.0	685.9	686.7	687.6	688.0	688.3	688.8	689.3	689.8	690.3
142.5°	716.7	717.4	718.0	718.7	719.4	719.7	720.0	720.7	721.4	722.1	722.8
145°	748.4	749.1	749.7	750.4	751.1	751.4	751.7	752.2	752.7	753.2	753.7
147.5°	777.9	778.4	778.9	779.4	779.9	780.1	780.3	780.6	781.0	781.3	781.7
150°	807.3	807.1	807.0	806.8	806.7	806.6	806.9	807.6	808.3	808.9	809.6
152.5°	831.5	831.8	832.2	832.5	832.8	833.0	833.1	833.3	833.4	833.6	833.8
155°	856.4	856.4	856.4	856.4	856.4	856.4	856.5	856.7	856.8	857.0	857.2
157.5°	879.1	878.8	878.4	878.1	877.8	877.6	877.7	877.8	878.0	878.1	878.3
160°	898.7	898.2	897.7	897.2	896.7	896.5	896.6	896.7	896.9	897.0	897.2
162.5°	916.1	915.8	915.4	915.1	914.8	914.6	914.6	914.6	914.6	914.6	914.6
165°	931.2	930.9	930.5	930.2	929.9	929.7	929.8	929.9	930.1	930.2	930.4
167.5°	944.8	944.1	943.5	942.8	942.1	941.8	941.8	941.8	941.8	941.8	941.8
170°	955.4	954.7	954.0	953.3	952.6	952.3	952.3	952.3	952.3	952.3	952.3
172.5°	962.9	962.2	961.6	960.9	960.2	959.9	959.9	959.9	959.9	959.9	959.9
175°	968.2	967.5	966.9	966.2	965.5	965.2	965.2	965.2	965.2	965.2	965.2
177.5°	972.0	971.3	970.7	970.0	969.3	969.0	968.9	968.7	968.6	968.4	968.2
180°	970.5	970.5	970.5	970.5	970.5	970.5	970.5	970.5	970.5	970.5	970.5

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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°	12.9	13.8	14.6	15.5	15.9	16.1	16.6	17.1	17.6	18.1	17.6
92.5°	34.4	35.6	36.7	37.9	38.5	38.7	39.0	39.3	39.7	40.0	39.7
95°	59.4	60.5	61.7	62.8	63.4	63.6	63.9	64.2	64.6	64.9	64.6
97.5°	87.9	88.9	89.9	90.9	91.4	91.5	91.6	91.8	91.9	92.1	91.9
100°	117.0	118.5	120.0	121.5	122.3	122.5	122.8	123.2	123.5	123.9	123.5
102.5°	147.5	149.1	150.8	152.5	153.3	153.6	154.1	154.6	155.1	155.6	155.1
105°	181.5	182.5	183.5	184.5	185.0	185.3	185.8	186.3	186.8	187.3	186.8
107.5°	217.2	217.7	218.2	218.7	219.0	219.0	219.0	219.0	219.0	219.0	219.0
110°	254.3	254.8	255.3	255.8	256.0	255.9	255.8	255.6	255.5	255.3	255.5

TEST NUMBER: P1035504

CATALOG NUMBER: S125DIW-B610D770UB30-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	291.7	291.9	292.0	292.2	292.3	292.1	291.8	291.5	291.1	290.8	291.1
115°	329.8	329.7	329.5	329.4	329.3	329.2	329.0	328.9	328.7	328.5	328.7
117.5°	367.2	367.4	367.5	367.7	367.8	367.5	366.8	366.1	365.5	364.8	365.5
120°	405.6	405.6	405.6	405.6	405.6	405.3	404.6	403.9	403.2	402.5	403.2
122.5°	443.1	443.0	442.8	442.7	442.6	442.3	441.8	441.3	440.8	440.3	440.8
125°	480.0	479.6	479.3	479.0	478.8	478.7	478.6	478.4	478.3	478.1	478.3
127.5°	516.4	516.2	516.1	515.9	515.8	515.6	515.3	515.0	514.6	514.3	514.6
130°	552.6	552.5	552.3	552.2	552.1	551.9	551.6	551.3	550.9	550.6	550.9
132.5°	587.4	587.2	587.1	586.9	586.8	586.5	586.0	585.5	585.0	584.5	585.0
135°	623.1	623.1	623.1	623.1	623.1	622.8	622.1	621.4	620.7	620.0	620.7
137.5°	658.0	658.2	658.3	658.5	658.6	658.2	657.3	656.5	655.6	654.8	655.6
140°	690.6	691.0	691.3	691.6	691.8	691.4	690.5	689.7	688.8	688.0	688.8
142.5°	723.0	723.1	723.3	723.4	723.5	723.1	722.2	721.4	720.5	719.7	720.5
145°	753.7	753.7	753.7	753.7	753.7	753.4	752.9	752.4	751.9	751.4	751.9
147.5°	782.2	782.7	783.2	783.7	783.9	783.2	781.9	780.6	779.2	777.9	779.2
150°	809.6	809.6	809.6	809.6	809.6	809.4	809.1	808.8	808.4	808.1	808.4
152.5°	834.3	834.8	835.3	835.8	836.0	835.7	835.0	834.3	833.7	833.0	833.7
155°	857.9	858.5	859.2	859.9	860.2	859.8	858.9	858.1	857.2	856.4	857.2
157.5°	879.0	879.6	880.3	881.0	881.3	880.7	879.6	878.4	877.3	876.1	877.3
160°	897.9	898.5	899.2	899.9	900.2	899.8	899.0	898.1	897.3	896.5	897.3
162.5°	915.4	916.3	917.1	918.0	918.4	917.9	916.9	915.8	914.8	913.8	914.8
165°	931.1	931.8	932.5	933.2	933.5	933.0	932.0	930.9	929.9	928.9	929.9
167.5°	942.8	943.8	944.8	945.8	946.3	945.8	944.8	943.8	942.8	941.8	942.8
170°	953.3	954.3	955.4	956.4	956.9	956.3	955.1	954.0	952.8	951.6	952.8
172.5°	960.9	961.9	962.9	963.9	964.4	963.9	962.9	961.9	960.9	959.9	960.9
175°	966.2	967.2	968.2	969.2	969.7	969.1	967.9	966.8	965.6	964.4	965.6
177.5°	969.2	970.2	971.2	972.2	972.7	972.1	970.9	969.8	968.6	967.4	968.6
180°	970.5	970.5	970.5	970.5	970.5	970.5	970.5	970.5	970.5	970.5	970.5

TEST NUMBER: P1035504

CATALOG NUMBER: S125DIW-B610D770UB30-4F0-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°	17.1	16.6	16.1	15.9	15.5	14.6	13.8	12.9	12.1	10.9	9.7
92.5°	39.3	39.0	38.7	38.5	37.9	36.7	35.6	34.4	33.2	31.7	30.2
95°	64.2	63.9	63.6	63.4	62.8	61.7	60.5	59.4	58.2	56.5	54.8
97.5°	91.8	91.6	91.5	91.4	90.9	89.9	88.9	87.9	86.9	84.5	82.2
100°	123.2	122.8	122.5	122.3	121.5	120.0	118.5	117.0	115.5	113.3	111.1
102.5°	154.6	154.1	153.6	153.3	152.5	150.8	149.1	147.5	145.8	145.0	144.1
105°	186.3	185.8	185.3	185.0	184.5	183.5	182.5	181.5	180.5	179.5	178.5
107.5°	219.0	219.0	219.0	219.0	218.7	218.2	217.7	217.2	216.7	215.9	215.1
110°	255.6	255.8	255.9	256.0	255.8	255.3	254.8	254.3	253.8	253.3	252.8

TEST NUMBER: P1035504

CATALOG NUMBER: S125DIW-B610D770UB30-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	291.5	291.8	292.1	292.3	292.2	292.0	291.9	291.7	291.5	290.8	290.2
115°	328.9	329.0	329.2	329.3	329.4	329.5	329.7	329.8	330.0	329.7	329.3
117.5°	366.1	366.8	367.5	367.8	367.7	367.5	367.4	367.2	367.0	366.7	366.3
120°	403.9	404.6	405.3	405.6	405.6	405.6	405.6	405.6	405.6	405.4	405.2
122.5°	441.3	441.8	442.3	442.6	442.7	442.8	443.0	443.1	443.3	442.8	442.3
125°	478.4	478.6	478.7	478.8	479.0	479.3	479.6	480.0	480.3	480.1	480.0
127.5°	515.0	515.3	515.6	515.8	515.9	516.1	516.2	516.4	516.6	516.4	516.2
130°	551.3	551.6	551.9	552.1	552.2	552.3	552.5	552.6	552.8	552.5	552.1
132.5°	585.5	586.0	586.5	586.8	586.9	587.1	587.2	587.4	587.6	587.8	587.9
135°	621.4	622.1	622.8	623.1	623.1	623.1	623.1	623.1	623.1	622.9	622.7
137.5°	656.5	657.3	658.2	658.6	658.5	658.3	658.2	658.0	657.8	657.5	657.1
140°	689.7	690.5	691.4	691.8	691.6	691.3	691.0	690.6	690.3	689.8	689.3
142.5°	721.4	722.2	723.1	723.5	723.4	723.3	723.1	723.0	722.8	722.1	721.4
145°	752.4	752.9	753.4	753.7	753.7	753.7	753.7	753.7	753.7	753.2	752.7
147.5°	780.6	781.9	783.2	783.9	783.7	783.2	782.7	782.2	781.7	781.3	781.0
150°	808.8	809.1	809.4	809.6	809.6	809.6	809.6	809.6	809.6	808.9	808.3
152.5°	834.3	835.0	835.7	836.0	835.8	835.3	834.8	834.3	833.8	833.6	833.4
155°	858.1	858.9	859.8	860.2	859.9	859.2	858.5	857.9	857.2	857.0	856.8
157.5°	878.4	879.6	880.7	881.3	881.0	880.3	879.6	879.0	878.3	878.1	878.0
160°	898.1	899.0	899.8	900.2	899.9	899.2	898.5	897.9	897.2	897.0	896.9
162.5°	915.8	916.9	917.9	918.4	918.0	917.1	916.3	915.4	914.6	914.6	914.6
165°	930.9	932.0	933.0	933.5	933.2	932.5	931.8	931.1	930.4	930.2	930.1
167.5°	943.8	944.8	945.8	946.3	945.8	944.8	943.8	942.8	941.8	941.8	941.8
170°	954.0	955.1	956.3	956.9	956.4	955.4	954.3	953.3	952.3	952.3	952.3
172.5°	961.9	962.9	963.9	964.4	963.9	962.9	961.9	960.9	959.9	959.9	959.9
175°	966.8	967.9	969.1	969.7	969.2	968.2	967.2	966.2	965.2	965.2	965.2
177.5°	969.8	970.9	972.1	972.7	972.2	971.2	970.2	969.2	968.2	968.4	968.6
180°	970.5	970.5	970.5	970.5	970.5	970.5	970.5	970.5	970.5	970.5	970.5

TEST NUMBER: P1035504

CATALOG NUMBER: S125DIW-B610D770UB30-4F0-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°	8.6	7.4	6.8	6.1	4.8	3.5	2.1	0.8	2.1	3.5	4.8
92.5°	28.7	27.2	26.4	26.0	25.2	24.3	23.5	22.7	23.5	24.3	25.2
95°	53.1	51.4	50.6	50.4	50.1	49.8	49.4	49.1	49.4	49.8	50.1
97.5°	79.8	77.5	76.3	76.2	76.0	75.9	75.7	75.5	75.7	75.9	76.0
100°	109.0	106.8	105.7	105.7	105.7	105.7	105.7	105.7	105.7	105.7	105.7
102.5°	143.3	142.4	142.0	141.6	140.7	139.9	139.0	138.2	139.0	139.9	140.7
105°	177.5	176.5	176.0	175.6	174.7	173.9	173.0	172.2	173.0	173.9	174.7
107.5°	214.2	213.4	213.0	212.6	211.7	210.9	210.0	209.2	210.0	210.9	211.7
110°	252.3	251.8	251.5	251.1	250.2	249.4	248.5	247.7	248.5	249.4	250.2

TEST NUMBER: P1035504

CATALOG NUMBER: S125DIW-B610D770UB30-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
112.5°	289.5	288.8	288.5	288.3	288.0	287.7	287.3	287.0	287.3	287.7	288.0
115°	329.0	328.7	328.5	328.2	327.5	326.8	326.2	325.5	326.2	326.8	327.5
117.5°	366.0	365.7	365.5	365.4	365.3	365.1	365.0	364.8	365.0	365.1	365.3
120°	405.1	404.9	404.8	404.4	403.5	402.7	401.8	401.0	401.8	402.7	403.5
122.5°	441.8	441.3	441.1	441.0	440.8	440.7	440.5	440.3	440.5	440.7	440.8
125°	479.8	479.7	479.6	479.1	478.1	477.0	476.0	475.0	476.0	477.0	478.1
127.5°	516.1	515.9	515.8	515.6	515.1	514.6	514.1	513.6	514.1	514.6	515.1
130°	551.8	551.5	551.3	550.9	550.0	549.2	548.3	547.5	548.3	549.2	550.0
132.5°	588.1	588.2	588.3	587.5	586.0	584.5	583.0	581.5	583.0	584.5	586.0
135°	622.6	622.4	622.3	621.8	620.8	619.8	618.8	617.8	618.8	619.8	620.8
137.5°	656.8	656.5	656.3	655.8	654.8	653.8	652.8	651.8	652.8	653.8	654.8
140°	688.8	688.3	688.0	687.6	686.7	685.9	685.0	684.2	685.0	685.9	686.7
142.5°	720.7	720.0	719.7	719.4	718.7	718.0	717.4	716.7	717.4	718.0	718.7
145°	752.2	751.7	751.4	751.1	750.4	749.7	749.1	748.4	749.1	749.7	750.4
147.5°	780.6	780.3	780.1	779.9	779.4	778.9	778.4	777.9	778.4	778.9	779.4
150°	807.6	806.9	806.6	806.7	806.8	807.0	807.1	807.3	807.1	807.0	806.8
152.5°	833.3	833.1	833.0	832.8	832.5	832.2	831.8	831.5	831.8	832.2	832.5
155°	856.7	856.5	856.4	856.4	856.4	856.4	856.4	856.4	856.4	856.4	856.4
157.5°	877.8	877.7	877.6	877.8	878.1	878.4	878.8	879.1	878.8	878.4	878.1
160°	896.7	896.6	896.5	896.7	897.2	897.7	898.2	898.7	898.2	897.7	897.2
162.5°	914.6	914.6	914.6	914.8	915.1	915.4	915.8	916.1	915.8	915.4	915.1
165°	929.9	929.8	929.7	929.9	930.2	930.5	930.9	931.2	930.9	930.5	930.2
167.5°	941.8	941.8	941.8	942.1	942.8	943.5	944.1	944.8	944.1	943.5	942.8
170°	952.3	952.3	952.3	952.6	953.3	954.0	954.7	955.4	954.7	954.0	953.3
172.5°	959.9	959.9	959.9	960.2	960.9	961.6	962.2	962.9	962.2	961.6	960.9
175°	965.2	965.2	965.2	965.5	966.2	966.9	967.5	968.2	967.5	966.9	966.2
177.5°	968.7	968.9	969.0	969.3	970.0	970.7	971.3	972.0	971.3	970.7	970.0
180°	970.5	970.5	970.5	970.5	970.5	970.5	970.5	970.5	970.5	970.5	970.5

TEST NUMBER: P1035504

CATALOG NUMBER: S125DIW-B610D770UB30-4F0-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°	6.1	6.8	7.4	8.6	9.7	10.9	12.1	12.9	13.8	14.6	15.5
92.5°	26.0	26.4	27.2	28.7	30.2	31.7	33.2	34.4	35.6	36.7	37.9
95°	50.4	50.6	51.4	53.1	54.8	56.5	58.2	59.4	60.5	61.7	62.8
97.5°	76.2	76.3	77.5	79.8	82.2	84.5	86.9	87.9	88.9	89.9	90.9
100°	105.7	105.7	106.8	109.0	111.1	113.3	115.5	117.0	118.5	120.0	121.5
102.5°	141.6	142.0	142.4	143.3	144.1	145.0	145.8	147.5	149.1	150.8	152.5
105°	175.6	176.0	176.5	177.5	178.5	179.5	180.5	181.5	182.5	183.5	184.5
107.5°	212.6	213.0	213.4	214.2	215.1	215.9	216.7	217.2	217.7	218.2	218.7
110°	251.1	251.5	251.8	252.3	252.8	253.3	253.8	254.3	254.8	255.3	255.8

TEST NUMBER: P1035504

CATALOG NUMBER: S125DIW-B610D770UB30-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
112.5°	288.3	288.5	288.8	289.5	290.2	290.8	291.5	291.7	291.9	292.0	292.2
115°	328.2	328.5	328.7	329.0	329.3	329.7	330.0	329.8	329.7	329.5	329.4
117.5°	365.4	365.5	365.7	366.0	366.3	366.7	367.0	367.2	367.4	367.5	367.7
120°	404.4	404.8	404.9	405.1	405.2	405.4	405.6	405.6	405.6	405.6	405.6
122.5°	441.0	441.1	441.3	441.8	442.3	442.8	443.3	443.1	443.0	442.8	442.7
125°	479.1	479.6	479.7	479.8	480.0	480.1	480.3	480.0	479.6	479.3	479.0
127.5°	515.6	515.8	515.9	516.1	516.2	516.4	516.6	516.4	516.2	516.1	515.9
130°	550.9	551.3	551.5	551.8	552.1	552.5	552.8	552.6	552.5	552.3	552.2
132.5°	587.5	588.3	588.2	588.1	587.9	587.8	587.6	587.4	587.2	587.1	586.9
135°	621.8	622.3	622.4	622.6	622.7	622.9	623.1	623.1	623.1	623.1	623.1
137.5°	655.8	656.3	656.5	656.8	657.1	657.5	657.8	658.0	658.2	658.3	658.5
140°	687.6	688.0	688.3	688.8	689.3	689.8	690.3	690.6	691.0	691.3	691.6
142.5°	719.4	719.7	720.0	720.7	721.4	722.1	722.8	723.0	723.1	723.3	723.4
145°	751.1	751.4	751.7	752.2	752.7	753.2	753.7	753.7	753.7	753.7	753.7
147.5°	779.9	780.1	780.3	780.6	781.0	781.3	781.7	782.2	782.7	783.2	783.7
150°	806.7	806.6	806.9	807.6	808.3	808.9	809.6	809.6	809.6	809.6	809.6
152.5°	832.8	833.0	833.1	833.3	833.4	833.6	833.8	834.3	834.8	835.3	835.8
155°	856.4	856.4	856.5	856.7	856.8	857.0	857.2	857.9	858.5	859.2	859.9
157.5°	877.8	877.6	877.7	877.8	878.0	878.1	878.3	879.0	879.6	880.3	881.0
160°	896.7	896.5	896.6	896.7	896.9	897.0	897.2	897.9	898.5	899.2	899.9
162.5°	914.8	914.6	914.6	914.6	914.6	914.6	914.6	915.4	916.3	917.1	918.0
165°	929.9	929.7	929.8	929.9	930.1	930.2	930.4	931.1	931.8	932.5	933.2
167.5°	942.1	941.8	941.8	941.8	941.8	941.8	941.8	942.8	943.8	944.8	945.8
170°	952.6	952.3	952.3	952.3	952.3	952.3	952.3	953.3	954.3	955.4	956.4
172.5°	960.2	959.9	959.9	959.9	959.9	959.9	959.9	960.9	961.9	962.9	963.9
175°	965.5	965.2	965.2	965.2	965.2	965.2	965.2	966.2	967.2	968.2	969.2
177.5°	969.3	969.0	968.9	968.7	968.6	968.4	968.2	969.2	970.2	971.2	972.2
180°	970.5	970.5	970.5	970.5	970.5	970.5	970.5	970.5	970.5	970.5	970.5

TEST NUMBER: P1035504

CATALOG NUMBER: S125DIW-B610D770UB30-4F0-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°	15.9	16.1	16.6	17.1	17.6	18.1	17.6	17.1	16.6	16.1	15.9
92.5°	38.5	38.7	39.0	39.3	39.7	40.0	39.7	39.3	39.0	38.7	38.5
95°	63.4	63.6	63.9	64.2	64.6	64.9	64.6	64.2	63.9	63.6	63.4
97.5°	91.4	91.5	91.6	91.8	91.9	92.1	91.9	91.8	91.6	91.5	91.4
100°	122.3	122.5	122.8	123.2	123.5	123.9	123.5	123.2	122.8	122.5	122.3
102.5°	153.3	153.6	154.1	154.6	155.1	155.6	155.1	154.6	154.1	153.6	153.3
105°	185.0	185.3	185.8	186.3	186.8	187.3	186.8	186.3	185.8	185.3	185.0
107.5°	219.0	219.0	219.0	219.0	219.0	219.0	219.0	219.0	219.0	219.0	219.0
110°	256.0	255.9	255.8	255.6	255.5	255.3	255.5	255.6	255.8	255.9	256.0

TEST NUMBER: P1035504

CATALOG NUMBER: S125DIW-B610D770UB30-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
112.5°	292.3	292.1	291.8	291.5	291.1	290.8	291.1	291.5	291.8	292.1	292.3
115°	329.3	329.2	329.0	328.9	328.7	328.5	328.7	328.9	329.0	329.2	329.3
117.5°	367.8	367.5	366.8	366.1	365.5	364.8	365.5	366.1	366.8	367.5	367.8
120°	405.6	405.3	404.6	403.9	403.2	402.5	403.2	403.9	404.6	405.3	405.6
122.5°	442.6	442.3	441.8	441.3	440.8	440.3	440.8	441.3	441.8	442.3	442.6
125°	478.8	478.7	478.6	478.4	478.3	478.1	478.3	478.4	478.6	478.7	478.8
127.5°	515.8	515.6	515.3	515.0	514.6	514.3	514.6	515.0	515.3	515.6	515.8
130°	552.1	551.9	551.6	551.3	550.9	550.6	550.9	551.3	551.6	551.9	552.1
132.5°	586.8	586.5	586.0	585.5	585.0	584.5	585.0	585.5	586.0	586.5	586.8
135°	623.1	622.8	622.1	621.4	620.7	620.0	620.7	621.4	622.1	622.8	623.1
137.5°	658.6	658.2	657.3	656.5	655.6	654.8	655.6	656.5	657.3	658.2	658.6
140°	691.8	691.4	690.5	689.7	688.8	688.0	688.8	689.7	690.5	691.4	691.8
142.5°	723.5	723.1	722.2	721.4	720.5	719.7	720.5	721.4	722.2	723.1	723.5
145°	753.7	753.4	752.9	752.4	751.9	751.4	751.9	752.4	752.9	753.4	753.7
147.5°	783.9	783.2	781.9	780.6	779.2	777.9	779.2	780.6	781.9	783.2	783.9
150°	809.6	809.4	809.1	808.8	808.4	808.1	808.4	808.8	809.1	809.4	809.6
152.5°	836.0	835.7	835.0	834.3	833.7	833.0	833.7	834.3	835.0	835.7	836.0
155°	860.2	859.8	858.9	858.1	857.2	856.4	857.2	858.1	858.9	859.8	860.2
157.5°	881.3	880.7	879.6	878.4	877.3	876.1	877.3	878.4	879.6	880.7	881.3
160°	900.2	899.8	899.0	898.1	897.3	896.5	897.3	898.1	899.0	899.8	900.2
162.5°	918.4	917.9	916.9	915.8	914.8	913.8	914.8	915.8	916.9	917.9	918.4
165°	933.5	933.0	932.0	930.9	929.9	928.9	929.9	930.9	932.0	933.0	933.5
167.5°	946.3	945.8	944.8	943.8	942.8	941.8	942.8	943.8	944.8	945.8	946.3
170°	956.9	956.3	955.1	954.0	952.8	951.6	952.8	954.0	955.1	956.3	956.9
172.5°	964.4	963.9	962.9	961.9	960.9	959.9	960.9	961.9	962.9	963.9	964.4
175°	969.7	969.1	967.9	966.8	965.6	964.4	965.6	966.8	967.9	969.1	969.7
177.5°	972.7	972.1	970.9	969.8	968.6	967.4	968.6	969.8	970.9	972.1	972.7
180°	970.5	970.5	970.5	970.5	970.5	970.5	970.5	970.5	970.5	970.5	970.5

TEST NUMBER: P1035504

CATALOG NUMBER: S125DIW-B610D770UB30-4F0-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°	15.5	14.6	13.8	12.9	12.1	10.9	9.7	8.6	7.4	6.8	6.1
92.5°	37.9	36.7	35.6	34.4	33.2	31.7	30.2	28.7	27.2	26.4	26.0
95°	62.8	61.7	60.5	59.4	58.2	56.5	54.8	53.1	51.4	50.6	50.4
97.5°	90.9	89.9	88.9	87.9	86.9	84.5	82.2	79.8	77.5	76.3	76.2
100°	121.5	120.0	118.5	117.0	115.5	113.3	111.1	109.0	106.8	105.7	105.7
102.5°	152.5	150.8	149.1	147.5	145.8	145.0	144.1	143.3	142.4	142.0	141.6
105°	184.5	183.5	182.5	181.5	180.5	179.5	178.5	177.5	176.5	176.0	175.6
107.5°	218.7	218.2	217.7	217.2	216.7	215.9	215.1	214.2	213.4	213.0	212.6
110°	255.8	255.3	254.8	254.3	253.8	253.3	252.8	252.3	251.8	251.5	251.1

TEST NUMBER: P1035504

CATALOG NUMBER: S125DIW-B610D770UB30-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
112.5°	292.2	292.0	291.9	291.7	291.5	290.8	290.2	289.5	288.8	288.5	288.3
115°	329.4	329.5	329.7	329.8	330.0	329.7	329.3	329.0	328.7	328.5	328.2
117.5°	367.7	367.5	367.4	367.2	367.0	366.7	366.3	366.0	365.7	365.5	365.4
120°	405.6	405.6	405.6	405.6	405.6	405.4	405.2	405.1	404.9	404.8	404.4
122.5°	442.7	442.8	443.0	443.1	443.3	442.8	442.3	441.8	441.3	441.1	441.0
125°	479.0	479.3	479.6	480.0	480.3	480.1	480.0	479.8	479.7	479.6	479.1
127.5°	515.9	516.1	516.2	516.4	516.6	516.4	516.2	516.1	515.9	515.8	515.6
130°	552.2	552.3	552.5	552.6	552.8	552.5	552.1	551.8	551.5	551.3	550.9
132.5°	586.9	587.1	587.2	587.4	587.6	587.8	587.9	588.1	588.2	588.3	587.5
135°	623.1	623.1	623.1	623.1	623.1	622.9	622.7	622.6	622.4	622.3	621.8
137.5°	658.5	658.3	658.2	658.0	657.8	657.5	657.1	656.8	656.5	656.3	655.8
140°	691.6	691.3	691.0	690.6	690.3	689.8	689.3	688.8	688.3	688.0	687.6
142.5°	723.4	723.3	723.1	723.0	722.8	722.1	721.4	720.7	720.0	719.7	719.4
145°	753.7	753.7	753.7	753.7	753.7	753.2	752.7	752.2	751.7	751.4	751.1
147.5°	783.7	783.2	782.7	782.2	781.7	781.3	781.0	780.6	780.3	780.1	779.9
150°	809.6	809.6	809.6	809.6	809.6	808.9	808.3	807.6	806.9	806.6	806.7
152.5°	835.8	835.3	834.8	834.3	833.8	833.6	833.4	833.3	833.1	833.0	832.8
155°	859.9	859.2	858.5	857.9	857.2	857.0	856.8	856.7	856.5	856.4	856.4
157.5°	881.0	880.3	879.6	879.0	878.3	878.1	878.0	877.8	877.7	877.6	877.8
160°	899.9	899.2	898.5	897.9	897.2	897.0	896.9	896.7	896.6	896.5	896.7
162.5°	918.0	917.1	916.3	915.4	914.6	914.6	914.6	914.6	914.6	914.6	914.8
165°	933.2	932.5	931.8	931.1	930.4	930.2	930.1	929.9	929.8	929.7	929.9
167.5°	945.8	944.8	943.8	942.8	941.8	941.8	941.8	941.8	941.8	941.8	942.1
170°	956.4	955.4	954.3	953.3	952.3	952.3	952.3	952.3	952.3	952.3	952.6
172.5°	963.9	962.9	961.9	960.9	959.9	959.9	959.9	959.9	959.9	959.9	960.2
175°	969.2	968.2	967.2	966.2	965.2	965.2	965.2	965.2	965.2	965.2	965.5
177.5°	972.2	971.2	970.2	969.2	968.2	968.4	968.6	968.7	968.9	969.0	969.3
180°	970.5	970.5	970.5	970.5	970.5	970.5	970.5	970.5	970.5	970.5	970.5

TEST NUMBER: P1035504

CATALOG NUMBER: S125DIW-B610D770UB30-4F0-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°	4.8	3.5	2.1	0.8
92.5°	25.2	24.3	23.5	22.7
95°	50.1	49.8	49.4	49.1
97.5°	76.0	75.9	75.7	75.5
100°	105.7	105.7	105.7	105.7
102.5°	140.7	139.9	139.0	138.2
105°	174.7	173.9	173.0	172.2
107.5°	211.7	210.9	210.0	209.2
110°	250.2	249.4	248.5	247.7

TEST NUMBER: P1035504

CATALOG NUMBER: S125DIW-B610D770UB30-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
112.5°	288.0	287.7	287.3	287.0
115°	327.5	326.8	326.2	325.5
117.5°	365.3	365.1	365.0	364.8
120°	403.5	402.7	401.8	401.0
122.5°	440.8	440.7	440.5	440.3
125°	478.1	477.0	476.0	475.0
127.5°	515.1	514.6	514.1	513.6
130°	550.0	549.2	548.3	547.5
132.5°	586.0	584.5	583.0	581.5
135°	620.8	619.8	618.8	617.8
137.5°	654.8	653.8	652.8	651.8
140°	686.7	685.9	685.0	684.2
142.5°	718.7	718.0	717.4	716.7
145°	750.4	749.7	749.1	748.4
147.5°	779.4	778.9	778.4	777.9
150°	806.8	807.0	807.1	807.3
152.5°	832.5	832.2	831.8	831.5
155°	856.4	856.4	856.4	856.4
157.5°	878.1	878.4	878.8	879.1
160°	897.2	897.7	898.2	898.7
162.5°	915.1	915.4	915.8	916.1
165°	930.2	930.5	930.9	931.2
167.5°	942.8	943.5	944.1	944.8
170°	953.3	954.0	954.7	955.4
172.5°	960.9	961.6	962.2	962.9
175°	966.2	966.9	967.5	968.2
177.5°	970.0	970.7	971.3	972.0
180°	970.5	970.5	970.5	970.5

(END OF REPORT)