

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: P1028169

Luminaire Tested: S125DIP-B610D850UB35-4F0-XX-W2A-A1

Issue Date: 5/7/2025

Test Information

Test Method: LM-79-2019
Report Number: P1028169
REPORT IS A COMBINATION OF REPORTS P1002393 AND P1007351
Test Lab: INNOVATION CENTER
Issue Date: 5/7/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: NEO-RAY
Catalog Number: S125DIP-B610D850UB35-4F0-XX-W2A-A1
Description: Define 5 Direct/Indirect Pendant with 3500K BioUP LEDs {m-DER=0.721} {m-EER=0.792}
Light Source: -
Ballast/Driver: -

Summary

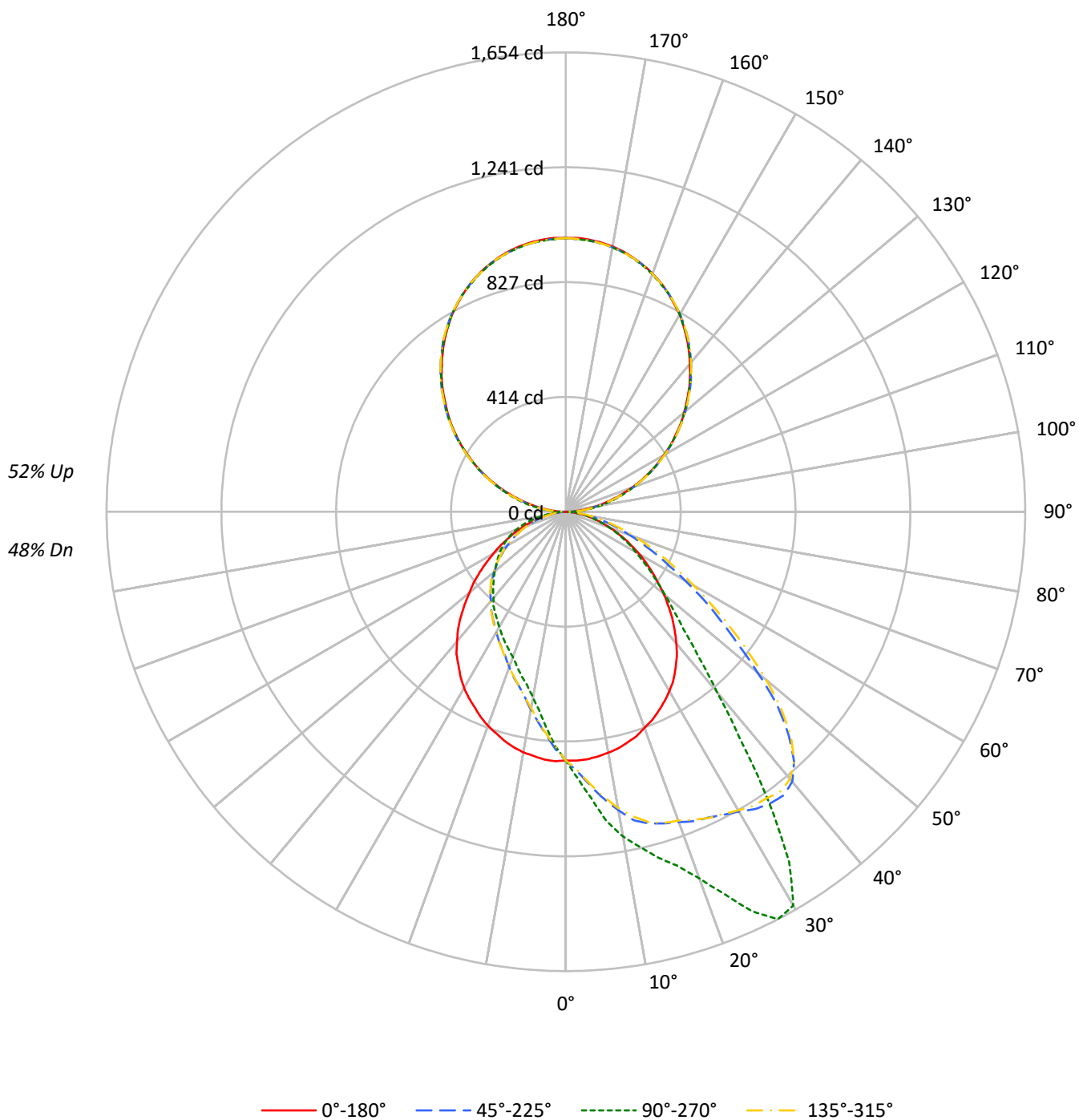
Lumens per Lamp: N/A
Luminaire Lumens: 5278.0 lumens
Efficiency: N/A
Efficacy: 117.0 lumens/watt
Spacing Criteria (0/90/45): 1.23 / 1.43 / 1.52
Luminous Opening: Rectangular w/ Sides (W: 0.42' x L: 4' x H: 0.1')
CIE Type: General Diffuse

Input Watts (W): 45.1
Input Voltage (V):
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT

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

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	5736	5736	5736	5736
5°	5740	6506	5745	4936
10°	5705	7416	5695	4237
15°	5663	8040	5628	3828
20°	5591	8811	5540	3495
25°	5528	10096	5427	3297
30°	5437	10651	5342	3119
35°	5293	8538	5181	2975
40°	5068	5901	4992	2823
45°	4782	4393	4729	2697
50°	4457	3617	4384	2596
55°	4106	3085	4074	2508
60°	3761	2640	3696	2441
65°	3390	2280	3335	2341
70°	2997	1894	2957	2169
75°	2581	1464	2547	1882
80°	2039	991	1965	1383
85°	1304	496	1258	705

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 135°

Vertical Angle: 45°

Luminance: 8760 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	86.2	1.6
10°-20°	256.6	4.9
20°-30°	416.8	7.9
30°-40°	509.4	9.7
40°-50°	462.1	8.8
50°-60°	368.1	7.0
60°-70°	256.4	4.9
70°-80°	136.6	2.6
80°-90°	35.4	0.7
90°-100°	65.5	1.2
100°-110°	194.7	3.7
110°-120°	330.2	6.3
120°-130°	434.7	8.2
130°-140°	487.1	9.2
140°-150°	477.4	9.0
150°-160°	401.0	7.6
160°-170°	266.6	5.1
170°-180°	93.3	1.8
0°-30°	759.6	14.4
0°-40°	1269.1	24.0
0°-60°	2099.2	39.8
0°-90°	2527.5	47.9
90°-120°	590.4	11.2
90°-150°	1989.6	37.7
90°-180°	2750.0	52.1
0°-180°	5278.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	895	895	895	895	895	
5°	894	1033	895	784	894	85
15°	859	1290	854	614	859	243
25°	791	1587	777	518	791	364
35°	688	1274	674	444	688	430
45°	541	600	535	368	541	417
55°	381	370	378	301	381	340
65°	236	227	232	233	236	234
75°	114	112	112	144	114	121
85°	23	25	22	36	23	27
90°	1	18	1	18	1	5
95°	50	66	50	66	50	52
105°	175	190	175	190	175	186
115°	330	334	330	334	330	327
125°	482	486	482	486	482	432
135°	627	630	627	630	627	484
145°	760	763	760	763	760	475
155°	870	870	870	870	870	401
165°	946	943	946	943	946	267
175°	983	979	983	979	983	93
180°	986	986	986	986	986	

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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	895.2	895.2	895.2	895.2	895.2	895.2	895.2	895.2	895.2	895.2	895.2
2.5°	896.7	902.0	908.1	912.6	920.2	922.5	926.3	928.6	930.9	933.2	934.7
5°	894.4	907.3	918.7	927.1	941.5	946.8	953.7	962.0	971.9	980.3	985.6
7.5°	888.3	908.8	924.0	940.7	960.5	973.4	980.3	997.7	1013.7	1025.9	1041.8
10°	880.7	905.0	928.6	953.7	981.8	996.2	1009.9	1034.2	1056.3	1076.0	1092.0
12.5°	872.4	902.0	930.1	962.8	1000.8	1018.3	1027.4	1069.2	1096.5	1107.2	1138.3
15°	859.4	894.4	934.7	974.9	1006.9	1027.4	1052.5	1085.9	1113.2	1136.8	1161.9
17.5°	847.3	885.3	926.3	971.1	1017.5	1044.1	1063.1	1092.7	1122.4	1152.8	1176.3
20°	827.5	876.9	918.7	966.6	1021.3	1040.3	1060.1	1095.0	1126.9	1159.6	1189.2
22.5°	811.6	858.7	915.7	961.3	1007.6	1026.6	1050.9	1087.4	1125.4	1162.6	1206.0
25°	791.1	843.5	892.9	941.5	989.4	1009.9	1031.9	1079.1	1118.6	1166.4	1214.3
27.5°	769.0	823.0	872.4	916.4	961.3	989.4	1012.9	1062.3	1114.8	1167.2	1229.5
30°	745.5	796.4	843.5	886.8	936.2	965.1	988.6	1046.4	1104.9	1171.8	1246.2
32.5°	720.4	768.3	808.5	852.6	905.0	931.6	963.5	1026.6	1095.8	1175.6	1269.0
35°	688.5	734.1	769.8	814.6	867.0	901.2	934.7	1005.3	1085.9	1174.8	1281.9
37.5°	656.5	692.3	726.5	774.3	835.1	866.3	901.2	978.7	1070.7	1172.5	1287.3
40°	618.6	653.5	683.1	731.8	795.6	831.3	867.8	949.1	1053.2	1164.2	1268.3
42.5°	580.6	610.2	642.9	693.8	755.3	793.3	832.1	922.5	1030.4	1139.8	1215.8
45°	541.0	563.8	599.6	645.9	711.3	747.7	791.8	889.8	998.5	1095.8	1133.8
47.5°	500.0	522.8	556.2	601.1	665.7	709.0	750.8	848.8	958.2	1033.5	1033.5
50°	460.5	478.7	511.4	556.2	621.6	661.1	703.7	807.8	895.9	951.4	902.0
52.5°	417.9	438.5	465.8	512.9	577.5	613.2	659.6	748.5	832.1	854.9	778.9
55°	380.7	397.4	423.3	468.1	528.1	565.4	604.9	690.0	760.7	759.1	677.8
57.5°	342.0	355.6	383.0	424.0	479.5	512.9	552.4	626.2	683.9	663.4	586.6
60°	306.2	316.1	342.7	376.1	429.3	460.5	498.5	558.5	602.6	573.7	496.2
62.5°	269.0	280.4	301.7	334.4	381.5	406.5	434.7	495.5	523.6	497.7	418.7
65°	235.6	244.7	263.7	291.0	333.6	356.4	380.7	430.9	457.5	420.2	354.9
67.5°	202.1	212.8	226.4	250.8	284.2	305.5	326.8	370.1	382.2	348.8	294.1
70°	171.0	180.1	193.0	210.5	238.6	257.6	273.6	309.3	317.6	286.5	243.2
72.5°	140.6	146.7	157.3	171.7	197.6	208.2	224.9	249.2	259.9	231.8	200.6
75°	114.0	118.5	125.4	136.0	153.5	164.9	178.6	201.4	200.6	180.9	158.8
77.5°	88.1	88.9	96.5	106.4	117.0	126.9	133.7	149.7	151.2	139.1	120.8
80°	63.1	65.4	68.4	76.0	85.1	88.9	97.3	107.1	108.7	99.5	87.4
82.5°	40.3	41.8	44.1	48.6	54.7	59.3	63.8	67.6	71.4	66.1	56.2
85°	22.8	23.6	25.8	27.4	30.4	32.7	36.5	40.3	39.5	35.7	32.7
87.5°	11.4	11.4	11.4	12.9	14.4	14.4	16.0	16.7	17.5	16.0	14.4
90°	0.8	2.2	3.5	4.9	6.2	6.9	7.5	8.7	9.9	11.1	12.3
92.5°	23.0	23.8	24.7	25.5	26.4	26.8	27.6	29.1	30.6	32.2	33.7
95°	49.9	50.2	50.6	50.9	51.2	51.4	52.3	54.0	55.7	57.4	59.1
97.5°	76.7	76.9	77.1	77.2	77.4	77.5	78.7	81.1	83.4	85.8	88.2
100°	107.4	107.4	107.4	107.4	107.4	107.4	108.5	110.7	112.9	115.1	117.3
102.5°	140.3	141.2	142.0	142.9	143.8	144.2	144.6	145.5	146.3	147.2	148.0
105°	174.9	175.7	176.6	177.4	178.3	178.7	179.2	180.2	181.3	182.3	183.3
107.5°	212.4	213.3	214.1	215.0	215.9	216.3	216.7	217.6	218.4	219.3	220.1
110°	251.6	252.4	253.3	254.1	255.0	255.4	255.7	256.2	256.7	257.2	257.7

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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	291.4	291.8	292.1	292.5	292.8	293.0	293.3	294.0	294.7	295.3	296.0
115°	330.5	331.2	331.9	332.6	333.3	333.6	333.8	334.1	334.4	334.8	335.1
117.5°	370.4	370.6	370.8	370.9	371.1	371.2	371.4	371.7	372.0	372.4	372.7
120°	407.2	408.1	408.9	409.8	410.7	411.1	411.2	411.3	411.5	411.6	411.8
122.5°	447.1	447.3	447.5	447.6	447.8	447.9	448.2	448.7	449.2	449.7	450.2
125°	482.4	483.4	484.4	485.5	486.5	487.0	487.1	487.3	487.4	487.6	487.8
127.5°	521.5	522.0	522.5	523.0	523.5	523.8	523.9	524.1	524.2	524.4	524.6
130°	556.0	556.9	557.7	558.6	559.5	559.9	560.1	560.4	560.7	561.1	561.4
132.5°	590.5	592.0	593.6	595.1	596.6	597.4	597.3	597.2	597.0	596.9	596.7
135°	627.3	628.3	629.4	630.4	631.5	632.0	632.1	632.2	632.4	632.5	632.7
137.5°	661.9	662.9	663.9	665.0	666.0	666.5	666.7	667.0	667.3	667.7	668.0
140°	694.8	695.7	696.5	697.4	698.3	698.7	699.0	699.5	700.0	700.5	701.0
142.5°	727.8	728.5	729.2	729.9	730.6	730.9	731.2	731.9	732.6	733.3	734.0
145°	760.0	760.7	761.4	762.1	762.8	763.1	763.4	763.9	764.4	764.9	765.4
147.5°	789.9	790.4	790.9	791.4	791.9	792.2	792.4	792.7	793.1	793.4	793.8
150°	819.8	819.6	819.5	819.3	819.2	819.1	819.4	820.1	820.8	821.4	822.1
152.5°	844.4	844.7	845.1	845.4	845.7	845.9	846.0	846.2	846.3	846.5	846.7
155°	869.7	869.7	869.7	869.7	869.7	869.7	869.8	870.0	870.1	870.3	870.5
157.5°	892.7	892.4	892.0	891.7	891.4	891.2	891.3	891.4	891.6	891.7	891.9
160°	912.6	912.1	911.6	911.1	910.6	910.3	910.4	910.6	910.7	910.9	911.1
162.5°	930.3	930.0	929.6	929.3	929.0	928.8	928.8	928.8	928.8	928.8	928.8
165°	945.6	945.3	944.9	944.6	944.3	944.1	944.2	944.4	944.5	944.7	944.9
167.5°	959.4	958.7	958.1	957.4	956.7	956.4	956.4	956.4	956.4	956.4	956.4
170°	970.2	969.5	968.8	968.1	967.4	967.1	967.1	967.1	967.1	967.1	967.1
172.5°	977.8	977.1	976.5	975.8	975.1	974.8	974.8	974.8	974.8	974.8	974.8
175°	983.2	982.5	981.8	981.1	980.4	980.1	980.1	980.1	980.1	980.1	980.1
177.5°	987.0	986.3	985.7	985.0	984.3	984.0	983.9	983.7	983.6	983.4	983.2
180°	985.5	985.5	985.5	985.5	985.5	985.5	985.5	985.5	985.5	985.5	985.5

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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	895.2	895.2	895.2	895.2	895.2	895.2	895.2	895.2	895.2	895.2	895.2
2.5°	936.2	941.5	946.1	949.9	952.9	957.5	954.4	955.2	956.7	959.7	959.7
5°	997.0	1005.3	1009.9	1025.1	1028.9	1028.1	1025.9	1038.0	1037.3	1032.7	1031.9
7.5°	1056.3	1070.7	1083.6	1095.8	1099.6	1109.4	1111.7	1117.0	1115.5	1123.1	1119.3
10°	1110.2	1133.0	1145.2	1163.4	1168.0	1172.5	1178.6	1181.6	1188.5	1187.7	1187.7
12.5°	1152.0	1179.4	1195.3	1199.9	1217.4	1222.7	1228.0	1237.9	1235.6	1236.3	1240.9
15°	1184.7	1211.3	1224.9	1246.2	1258.4	1264.5	1273.6	1284.2	1282.7	1289.5	1288.0
17.5°	1209.0	1234.1	1259.1	1291.1	1291.8	1307.8	1329.1	1333.6	1343.5	1336.7	1336.7
20°	1228.7	1262.2	1297.9	1338.9	1343.5	1353.4	1379.2	1396.7	1408.1	1404.3	1406.6
22.5°	1250.0	1297.9	1339.7	1380.7	1402.8	1420.2	1445.3	1472.7	1482.6	1488.6	1487.1
25°	1277.4	1327.5	1389.1	1446.1	1468.9	1502.3	1535.7	1562.3	1569.9	1586.7	1571.5
27.5°	1305.5	1376.2	1452.9	1519.8	1548.7	1576.0	1616.3	1636.1	1645.9	1653.5	1648.2
30°	1329.1	1426.3	1509.9	1571.5	1592.0	1607.9	1630.7	1635.3	1631.5	1637.6	1645.2
32.5°	1365.5	1460.5	1531.2	1560.8	1558.5	1557.8	1540.3	1516.0	1510.7	1496.2	1516.0
35°	1385.3	1461.3	1488.6	1449.1	1433.2	1404.3	1348.8	1312.3	1280.4	1273.6	1275.1
37.5°	1373.9	1403.5	1370.8	1266.7	1240.9	1196.8	1123.1	1071.5	1047.9	1029.7	1053.2
40°	1312.3	1279.7	1190.0	1063.1	1025.9	984.1	914.9	886.8	853.4	846.5	877.7
42.5°	1210.5	1111.0	984.1	886.0	847.3	823.7	766.0	739.4	715.8	705.2	722.7
45°	1072.2	951.4	823.7	743.2	710.5	682.4	648.2	620.1	604.9	600.3	614.8
47.5°	929.4	801.7	699.9	639.8	605.6	584.4	552.4	536.5	524.3	525.8	528.1
50°	792.6	676.3	598.0	538.0	521.3	504.6	483.3	469.6	463.5	465.8	464.3
52.5°	674.8	580.6	514.4	468.1	460.5	444.5	427.1	415.7	413.4	414.1	416.4
55°	571.4	497.7	445.3	411.9	403.5	392.1	381.5	373.9	367.8	370.1	369.3
57.5°	493.2	428.6	388.3	360.9	354.9	348.0	338.2	334.4	332.1	327.5	331.3
60°	424.0	371.6	336.6	319.9	314.6	310.0	299.4	294.8	293.3	291.0	297.1
62.5°	358.7	321.4	294.8	279.6	274.3	269.8	264.4	260.6	261.4	258.4	261.4
65°	307.0	276.6	257.6	243.9	237.1	234.0	233.3	227.2	226.4	227.2	228.0
67.5°	259.1	233.3	218.8	210.5	205.2	202.1	199.9	196.1	199.1	196.8	198.3
70°	215.8	198.3	183.1	174.8	172.5	173.3	169.5	167.9	168.7	167.2	168.7
72.5°	174.0	159.6	153.5	147.4	144.4	143.6	141.3	139.1	141.3	140.6	140.6
75°	139.1	128.4	121.6	117.8	117.8	116.3	112.5	112.5	112.5	111.7	112.5
77.5°	107.1	98.0	95.0	91.2	91.2	88.9	88.1	88.1	86.6	88.9	87.4
80°	79.8	72.9	68.4	66.1	66.1	65.4	63.8	63.1	63.8	63.1	63.1
82.5°	51.7	48.6	46.4	44.1	43.3	44.1	43.3	41.8	42.6	41.8	43.3
85°	29.6	26.6	26.6	25.1	25.8	24.3	25.1	23.6	22.8	25.1	23.6
87.5°	12.9	12.2	12.2	10.6	10.6	10.6	9.9	10.6	9.9	9.1	9.9
90°	13.1	14.0	14.8	15.7	16.1	16.4	16.9	17.4	17.9	18.4	17.9
92.5°	34.9	36.1	37.3	38.5	39.1	39.3	39.6	39.9	40.3	40.6	40.3
95°	60.3	61.5	62.6	63.8	64.4	64.6	64.9	65.3	65.6	66.0	65.6
97.5°	89.2	90.2	91.3	92.3	92.8	92.9	93.1	93.2	93.4	93.6	93.4
100°	118.8	120.4	121.9	123.4	124.2	124.4	124.7	125.1	125.4	125.8	125.4
102.5°	149.7	151.4	153.1	154.8	155.7	156.0	156.5	157.0	157.5	158.0	157.5
105°	184.3	185.3	186.4	187.4	187.9	188.2	188.7	189.2	189.7	190.2	189.7
107.5°	220.6	221.1	221.6	222.1	222.4	222.4	222.4	222.4	222.4	222.4	222.4
110°	258.2	258.7	259.2	259.7	260.0	259.9	259.7	259.6	259.4	259.2	259.4

TEST NUMBER: P1028169

CATALOG NUMBER: S125DIP-B610D850UB35-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	296.2	296.4	296.5	296.7	296.8	296.6	296.3	296.0	295.6	295.3	295.6
115°	334.9	334.8	334.6	334.5	334.4	334.3	334.1	334.0	333.8	333.6	333.8
117.5°	372.9	373.1	373.2	373.4	373.5	373.2	372.5	371.8	371.1	370.4	371.1
120°	411.8	411.8	411.8	411.8	411.8	411.5	410.8	410.1	409.5	408.8	409.5
122.5°	450.0	449.8	449.7	449.5	449.4	449.1	448.6	448.1	447.6	447.1	447.6
125°	487.4	487.1	486.7	486.4	486.2	486.1	486.0	485.8	485.7	485.5	485.7
127.5°	524.4	524.2	524.1	523.9	523.8	523.6	523.3	523.0	522.6	522.3	522.6
130°	561.2	561.0	560.9	560.7	560.6	560.4	560.1	559.8	559.4	559.1	559.4
132.5°	596.5	596.3	596.2	596.0	595.9	595.6	595.1	594.6	594.1	593.6	594.1
135°	632.7	632.7	632.7	632.7	632.7	632.4	631.7	631.0	630.3	629.6	630.3
137.5°	668.2	668.4	668.5	668.7	668.8	668.4	667.5	666.6	665.8	664.9	665.8
140°	701.3	701.7	702.0	702.3	702.5	702.1	701.2	700.4	699.5	698.7	699.5
142.5°	734.2	734.3	734.5	734.6	734.7	734.3	733.4	732.6	731.7	730.9	731.7
145°	765.4	765.4	765.4	765.4	765.4	765.1	764.6	764.1	763.6	763.1	763.6
147.5°	794.3	794.8	795.3	795.8	796.1	795.4	794.0	792.7	791.3	789.9	791.3
150°	822.1	822.1	822.1	822.1	822.1	821.9	821.6	821.3	820.9	820.6	820.9
152.5°	847.2	847.7	848.2	848.7	849.0	848.7	848.0	847.3	846.6	845.9	846.6
155°	871.2	871.8	872.5	873.2	873.5	873.1	872.2	871.4	870.5	869.7	870.5
157.5°	892.6	893.3	894.0	894.7	895.0	894.4	893.2	892.0	890.8	889.6	890.8
160°	911.8	912.5	913.2	913.9	914.2	913.8	912.9	912.0	911.2	910.3	911.2
162.5°	929.6	930.5	931.3	932.2	932.6	932.1	931.1	930.0	929.0	928.0	929.0
165°	945.6	946.2	946.9	947.6	947.9	947.4	946.4	945.3	944.3	943.3	944.3
167.5°	957.4	958.4	959.5	960.5	961.0	960.5	959.5	958.4	957.4	956.4	957.4
170°	968.1	969.1	970.2	971.2	971.7	971.1	969.9	968.7	967.5	966.3	967.5
172.5°	975.8	976.8	977.9	978.9	979.4	978.9	977.9	976.8	975.8	974.8	975.8
175°	981.1	982.1	983.2	984.2	984.7	984.1	982.9	981.8	980.6	979.4	980.6
177.5°	984.2	985.2	986.3	987.3	987.8	987.2	986.0	984.8	983.6	982.4	983.6
180°	985.5	985.5	985.5	985.5	985.5	985.5	985.5	985.5	985.5	985.5	985.5

TEST NUMBER: P1028169

CATALOG NUMBER: S125DIP-B610D850UB35-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	895.2	895.2	895.2	895.2	895.2	895.2	895.2	895.2	895.2	895.2	895.2
2.5°	958.2	952.9	954.4	952.9	949.1	946.8	940.7	933.2	930.1	926.3	924.0
5°	1035.0	1031.2	1030.4	1024.3	1022.8	1013.7	998.5	990.9	981.8	972.7	963.5
7.5°	1118.6	1114.0	1098.8	1096.5	1098.0	1086.6	1066.9	1051.7	1032.7	1019.8	1002.3
10°	1187.7	1178.6	1165.7	1166.4	1161.1	1145.9	1126.2	1110.2	1082.8	1066.1	1041.1
12.5°	1229.5	1221.9	1220.4	1212.8	1208.2	1188.5	1164.9	1144.4	1123.9	1101.1	1082.1
15°	1280.4	1270.5	1263.7	1253.1	1250.0	1229.5	1203.7	1180.1	1156.6	1135.3	1095.0
17.5°	1336.7	1326.0	1300.2	1297.9	1279.7	1259.9	1234.8	1199.9	1174.8	1144.4	1114.8
20°	1400.5	1385.3	1351.9	1343.5	1329.1	1296.4	1262.2	1223.4	1183.2	1152.0	1117.0
22.5°	1471.9	1445.3	1421.0	1394.4	1383.8	1343.5	1296.4	1249.3	1200.6	1158.1	1116.3
25°	1564.6	1529.7	1495.5	1468.9	1450.6	1398.2	1335.1	1272.8	1216.6	1161.1	1106.4
27.5°	1637.6	1607.2	1569.9	1535.0	1511.4	1449.1	1376.9	1296.4	1226.5	1158.8	1100.3
30°	1642.9	1633.8	1611.0	1592.0	1566.1	1499.3	1419.5	1328.3	1241.7	1159.6	1088.2
32.5°	1543.3	1561.6	1571.5	1574.5	1569.2	1530.4	1457.5	1357.2	1255.3	1152.8	1077.5
35°	1329.1	1377.7	1437.7	1460.5	1482.6	1503.1	1465.1	1377.7	1259.9	1151.2	1060.8
37.5°	1094.2	1138.3	1237.9	1283.5	1309.3	1390.6	1421.8	1374.6	1269.0	1152.8	1044.9
40°	883.0	952.9	1024.3	1085.9	1126.2	1217.4	1313.9	1324.5	1256.1	1138.3	1024.3
42.5°	743.2	784.2	838.2	895.2	930.9	1038.8	1169.5	1246.2	1215.8	1114.8	999.3
45°	633.0	663.4	714.3	733.3	778.9	882.2	1020.5	1131.5	1146.7	1077.5	970.4
47.5°	543.3	569.2	601.8	625.4	661.9	739.4	856.4	978.7	1051.7	1026.6	930.1
50°	478.7	500.0	527.4	541.0	564.6	634.5	722.7	844.2	942.3	950.6	877.7
52.5°	424.8	436.9	458.2	473.4	492.4	535.0	614.8	715.1	825.2	870.8	813.1
55°	377.7	387.5	406.5	416.4	426.3	462.8	525.1	616.3	719.6	779.7	747.0
57.5°	335.1	343.5	359.4	368.5	373.9	408.8	456.7	528.1	620.8	693.8	675.5
60°	300.2	307.8	316.9	323.7	329.8	358.7	392.1	449.9	532.7	603.4	598.8
62.5°	262.9	269.8	279.6	286.5	291.8	310.0	338.2	382.2	452.9	518.2	531.2
65°	230.2	235.6	242.4	245.4	252.3	266.0	288.8	328.3	386.0	444.5	453.7
67.5°	200.6	202.1	206.7	213.5	215.1	227.2	247.7	277.4	322.2	370.1	384.5
70°	168.7	171.0	174.8	180.1	183.1	190.7	208.2	228.0	266.7	308.5	319.2
72.5°	140.6	143.6	145.1	148.2	149.7	161.9	169.5	189.2	215.8	250.8	262.2
75°	114.0	117.0	117.8	119.3	120.8	126.1	136.8	148.9	171.0	193.8	209.0
77.5°	90.4	89.7	91.2	93.5	92.7	97.3	104.1	114.7	129.2	148.2	158.1
80°	63.8	63.8	66.1	68.4	67.6	72.2	74.5	82.1	94.2	106.4	110.2
82.5°	42.6	42.6	44.8	44.8	46.4	47.1	50.2	54.0	63.8	69.9	72.2
85°	24.3	24.3	25.1	25.1	25.1	26.6	28.9	30.4	33.4	37.2	38.8
87.5°	9.9	10.6	10.6	10.6	10.6	12.2	12.2	13.7	14.4	16.0	16.0
90°	17.4	16.9	16.4	16.1	15.7	14.8	14.0	13.1	12.3	11.1	9.9
92.5°	39.9	39.6	39.3	39.1	38.5	37.3	36.1	34.9	33.7	32.2	30.6
95°	65.3	64.9	64.6	64.4	63.8	62.6	61.5	60.3	59.1	57.4	55.7
97.5°	93.2	93.1	92.9	92.8	92.3	91.3	90.2	89.2	88.2	85.8	83.4
100°	125.1	124.7	124.4	124.2	123.4	121.9	120.4	118.8	117.3	115.1	112.9
102.5°	157.0	156.5	156.0	155.7	154.8	153.1	151.4	149.7	148.0	147.2	146.3
105°	189.2	188.7	188.2	187.9	187.4	186.4	185.3	184.3	183.3	182.3	181.3
107.5°	222.4	222.4	222.4	222.4	222.1	221.6	221.1	220.6	220.1	219.3	218.4
110°	259.6	259.7	259.9	260.0	259.7	259.2	258.7	258.2	257.7	257.2	256.7

TEST NUMBER: P1028169

CATALOG NUMBER: S125DIP-B610D850UB35-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	296.0	296.3	296.6	296.8	296.7	296.5	296.4	296.2	296.0	295.3	294.7
115°	334.0	334.1	334.3	334.4	334.5	334.6	334.8	334.9	335.1	334.8	334.4
117.5°	371.8	372.5	373.2	373.5	373.4	373.2	373.1	372.9	372.7	372.4	372.0
120°	410.1	410.8	411.5	411.8	411.8	411.8	411.8	411.8	411.8	411.6	411.5
122.5°	448.1	448.6	449.1	449.4	449.5	449.7	449.8	450.0	450.2	449.7	449.2
125°	485.8	486.0	486.1	486.2	486.4	486.7	487.1	487.4	487.8	487.6	487.4
127.5°	523.0	523.3	523.6	523.8	523.9	524.1	524.2	524.4	524.6	524.4	524.2
130°	559.8	560.1	560.4	560.6	560.7	560.9	561.0	561.2	561.4	561.1	560.7
132.5°	594.6	595.1	595.6	595.9	596.0	596.2	596.3	596.5	596.7	596.9	597.0
135°	631.0	631.7	632.4	632.7	632.7	632.7	632.7	632.7	632.7	632.5	632.4
137.5°	666.6	667.5	668.4	668.8	668.7	668.5	668.4	668.2	668.0	667.7	667.3
140°	700.4	701.2	702.1	702.5	702.3	702.0	701.7	701.3	701.0	700.5	700.0
142.5°	732.6	733.4	734.3	734.7	734.6	734.5	734.3	734.2	734.0	733.3	732.6
145°	764.1	764.6	765.1	765.4	765.4	765.4	765.4	765.4	765.4	764.9	764.4
147.5°	792.7	794.0	795.4	796.1	795.8	795.3	794.8	794.3	793.8	793.4	793.1
150°	821.3	821.6	821.9	822.1	822.1	822.1	822.1	822.1	822.1	821.4	820.8
152.5°	847.3	848.0	848.7	849.0	848.7	848.2	847.7	847.2	846.7	846.5	846.3
155°	871.4	872.2	873.1	873.5	873.2	872.5	871.8	871.2	870.5	870.3	870.1
157.5°	892.0	893.2	894.4	895.0	894.7	894.0	893.3	892.6	891.9	891.7	891.6
160°	912.0	912.9	913.8	914.2	913.9	913.2	912.5	911.8	911.1	910.9	910.7
162.5°	930.0	931.1	932.1	932.6	932.2	931.3	930.5	929.6	928.8	928.8	928.8
165°	945.3	946.4	947.4	947.9	947.6	946.9	946.2	945.6	944.9	944.7	944.5
167.5°	958.4	959.5	960.5	961.0	960.5	959.5	958.4	957.4	956.4	956.4	956.4
170°	968.7	969.9	971.1	971.7	971.2	970.2	969.1	968.1	967.1	967.1	967.1
172.5°	976.8	977.9	978.9	979.4	978.9	977.9	976.8	975.8	974.8	974.8	974.8
175°	981.8	982.9	984.1	984.7	984.2	983.2	982.1	981.1	980.1	980.1	980.1
177.5°	984.8	986.0	987.2	987.8	987.3	986.3	985.2	984.2	983.2	983.4	983.6
180°	985.5	985.5	985.5	985.5	985.5	985.5	985.5	985.5	985.5	985.5	985.5

TEST NUMBER: P1028169

CATALOG NUMBER: S125DIP-B610D850UB35-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
0°	895.2	895.2	895.2	895.2	895.2	895.2	895.2	895.2	895.2	895.2	895.2
2.5°	921.0	917.2	912.6	912.6	907.3	905.0	900.5	899.0	895.2	889.1	884.5
5°	953.7	943.8	937.7	932.4	921.0	912.6	904.3	895.2	886.0	875.4	863.2
7.5°	985.6	967.3	959.0	949.9	933.2	915.7	899.0	886.8	874.6	857.9	842.7
10°	1019.0	996.2	981.0	968.9	943.0	921.0	896.7	879.2	860.2	838.9	819.2
12.5°	1047.1	1017.5	1004.6	981.8	952.1	925.6	895.2	868.6	843.5	818.4	794.1
15°	1070.7	1042.6	1010.7	1001.5	960.5	922.5	888.3	854.1	823.0	797.9	769.8
17.5°	1078.3	1042.6	1026.6	1004.6	955.9	916.4	873.1	835.9	806.2	769.0	747.0
20°	1080.6	1046.4	1024.3	1003.8	960.5	908.1	865.5	819.9	784.2	747.0	712.0
22.5°	1074.5	1034.2	1012.9	993.2	944.5	899.7	850.3	800.2	758.4	724.2	689.2
25°	1063.1	1016.0	995.5	974.2	927.8	878.4	824.5	776.6	737.9	696.8	662.6
27.5°	1047.9	993.9	970.4	948.3	902.8	856.4	805.5	756.1	712.8	669.5	637.6
30°	1028.9	966.6	945.3	916.4	872.4	828.3	781.9	732.5	683.9	642.9	607.9
32.5°	1004.6	939.2	911.1	883.8	835.9	795.6	751.5	705.2	658.1	617.8	581.3
35°	982.5	908.1	876.9	849.6	796.4	753.8	717.3	674.0	632.2	590.4	557.8
37.5°	952.9	876.9	839.7	811.6	757.6	714.3	680.1	646.7	602.6	562.3	531.9
40°	921.8	838.2	803.2	775.1	718.9	671.7	639.1	609.4	573.7	536.5	504.6
42.5°	893.6	800.9	763.7	729.5	672.5	630.7	597.3	574.5	541.8	508.4	479.5
45°	857.9	761.4	721.1	685.4	630.7	585.1	553.2	535.0	510.6	478.0	452.9
47.5°	821.4	718.9	677.1	642.1	582.8	542.6	511.4	493.9	477.2	451.4	426.3
50°	773.6	674.0	636.0	595.8	537.2	496.2	470.4	452.9	440.0	421.7	400.5
52.5°	721.1	627.7	586.6	551.7	493.9	456.7	427.1	417.2	404.3	390.6	372.3
55°	665.7	577.5	538.0	503.8	450.6	412.6	388.3	377.7	367.8	357.2	345.0
57.5°	610.2	525.1	487.9	457.5	408.1	371.6	351.8	337.4	330.6	324.5	314.6
60°	541.0	468.9	440.0	412.6	364.0	330.6	311.6	300.9	294.8	291.8	287.2
62.5°	480.3	421.0	389.1	362.5	323.7	294.1	275.8	267.5	262.2	260.6	255.3
65°	415.7	364.7	339.7	316.9	283.4	256.8	241.6	231.8	228.0	227.2	227.2
67.5°	354.9	313.8	288.8	272.8	243.9	220.4	205.9	202.1	199.9	196.8	196.1
70°	297.9	265.2	243.2	229.5	203.7	186.2	174.8	168.7	168.7	166.4	164.9
72.5°	247.7	215.1	200.6	189.2	167.9	152.7	144.4	142.9	137.5	136.8	136.8
75°	193.8	169.5	159.6	149.7	133.7	123.1	116.3	112.5	109.4	109.4	110.2
77.5°	145.9	129.2	120.1	112.5	101.1	94.2	88.9	87.4	84.3	84.3	84.3
80°	103.3	94.2	87.4	81.3	72.9	66.9	63.8	60.8	60.8	60.0	60.8
82.5°	66.9	59.3	55.5	54.7	47.1	44.8	41.0	41.8	39.5	38.8	40.3
85°	38.8	35.0	30.4	28.9	25.8	22.8	21.3	22.0	21.3	20.5	21.3
87.5°	15.2	12.9	12.2	12.2	9.9	9.1	8.4	9.1	7.6	7.6	8.4
90°	8.7	7.5	6.9	6.2	4.9	3.5	2.2	0.8	2.2	3.5	4.9
92.5°	29.1	27.6	26.8	26.4	25.5	24.7	23.8	23.0	23.8	24.7	25.5
95°	54.0	52.3	51.4	51.2	50.9	50.6	50.2	49.9	50.2	50.6	50.9
97.5°	81.1	78.7	77.5	77.4	77.2	77.1	76.9	76.7	76.9	77.1	77.2
100°	110.7	108.5	107.4	107.4	107.4	107.4	107.4	107.4	107.4	107.4	107.4
102.5°	145.5	144.6	144.2	143.8	142.9	142.0	141.2	140.3	141.2	142.0	142.9
105°	180.2	179.2	178.7	178.3	177.4	176.6	175.7	174.9	175.7	176.6	177.4
107.5°	217.6	216.7	216.3	215.9	215.0	214.1	213.3	212.4	213.3	214.1	215.0
110°	256.2	255.7	255.4	255.0	254.1	253.3	252.4	251.6	252.4	253.3	254.1

TEST NUMBER: P1028169

CATALOG NUMBER: S125DIP-B610D850UB35-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
112.5°	294.0	293.3	293.0	292.8	292.5	292.1	291.8	291.4	291.8	292.1	292.5
115°	334.1	333.8	333.6	333.3	332.6	331.9	331.2	330.5	331.2	331.9	332.6
117.5°	371.7	371.4	371.2	371.1	370.9	370.8	370.6	370.4	370.6	370.8	370.9
120°	411.3	411.2	411.1	410.7	409.8	408.9	408.1	407.2	408.1	408.9	409.8
122.5°	448.7	448.2	447.9	447.8	447.6	447.5	447.3	447.1	447.3	447.5	447.6
125°	487.3	487.1	487.0	486.5	485.5	484.4	483.4	482.4	483.4	484.4	485.5
127.5°	524.1	523.9	523.8	523.5	523.0	522.5	522.0	521.5	522.0	522.5	523.0
130°	560.4	560.1	559.9	559.5	558.6	557.7	556.9	556.0	556.9	557.7	558.6
132.5°	597.2	597.3	597.4	596.6	595.1	593.6	592.0	590.5	592.0	593.6	595.1
135°	632.2	632.1	632.0	631.5	630.4	629.4	628.3	627.3	628.3	629.4	630.4
137.5°	667.0	666.7	666.5	666.0	665.0	663.9	662.9	661.9	662.9	663.9	665.0
140°	699.5	699.0	698.7	698.3	697.4	696.5	695.7	694.8	695.7	696.5	697.4
142.5°	731.9	731.2	730.9	730.6	729.9	729.2	728.5	727.8	728.5	729.2	729.9
145°	763.9	763.4	763.1	762.8	762.1	761.4	760.7	760.0	760.7	761.4	762.1
147.5°	792.7	792.4	792.2	791.9	791.4	790.9	790.4	789.9	790.4	790.9	791.4
150°	820.1	819.4	819.1	819.2	819.3	819.5	819.6	819.8	819.6	819.5	819.3
152.5°	846.2	846.0	845.9	845.7	845.4	845.1	844.7	844.4	844.7	845.1	845.4
155°	870.0	869.8	869.7	869.7	869.7	869.7	869.7	869.7	869.7	869.7	869.7
157.5°	891.4	891.3	891.2	891.4	891.7	892.0	892.4	892.7	892.4	892.0	891.7
160°	910.6	910.4	910.3	910.6	911.1	911.6	912.1	912.6	912.1	911.6	911.1
162.5°	928.8	928.8	928.8	929.0	929.3	929.6	930.0	930.3	930.0	929.6	929.3
165°	944.4	944.2	944.1	944.3	944.6	944.9	945.3	945.6	945.3	944.9	944.6
167.5°	956.4	956.4	956.4	956.7	957.4	958.1	958.7	959.4	958.7	958.1	957.4
170°	967.1	967.1	967.1	967.4	968.1	968.8	969.5	970.2	969.5	968.8	968.1
172.5°	974.8	974.8	974.8	975.1	975.8	976.5	977.1	977.8	977.1	976.5	975.8
175°	980.1	980.1	980.1	980.4	981.1	981.8	982.5	983.2	982.5	981.8	981.1
177.5°	983.7	983.9	984.0	984.3	985.0	985.7	986.3	987.0	986.3	985.7	985.0
180°	985.5	985.5	985.5	985.5	985.5	985.5	985.5	985.5	985.5	985.5	985.5

TEST NUMBER: P1028169

CATALOG NUMBER: S125DIP-B610D850UB35-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
0°	895.2	895.2	895.2	895.2	895.2	895.2	895.2	895.2	895.2	895.2	895.2
2.5°	883.0	881.5	877.7	875.4	867.8	858.7	855.6	848.0	851.1	845.8	845.8
5°	859.4	852.6	848.0	841.2	826.8	816.9	806.2	800.9	797.9	794.1	791.1
7.5°	829.0	823.7	819.2	806.2	790.3	776.6	763.7	758.4	748.5	741.7	738.6
10°	802.4	794.8	784.2	769.0	752.3	734.8	723.4	712.0	704.4	700.6	692.3
12.5°	775.1	766.0	754.6	732.5	714.3	703.7	683.1	672.5	668.7	665.7	655.8
15°	747.0	737.1	723.4	702.9	686.9	661.9	649.7	641.4	632.2	631.5	623.9
17.5°	721.9	709.7	698.3	673.3	653.5	631.5	624.6	615.5	607.2	598.0	594.2
20°	690.0	678.6	670.2	642.9	620.8	607.2	595.8	588.2	582.8	573.7	572.2
22.5°	661.1	648.9	637.6	617.0	598.0	580.6	566.9	558.5	556.2	552.4	545.6
25°	633.0	620.8	607.2	588.2	568.4	556.2	544.1	538.8	534.2	528.1	522.8
27.5°	609.4	598.0	585.1	561.6	544.8	535.7	522.8	516.7	510.6	507.6	505.3
30°	581.3	568.4	558.5	540.3	522.0	509.9	500.8	495.5	490.1	487.1	485.6
32.5°	554.0	541.8	535.0	515.2	500.8	486.3	479.5	475.7	472.7	469.6	466.6
35°	531.9	519.8	509.1	490.9	476.5	466.6	461.3	455.2	452.9	449.9	449.9
37.5°	504.6	495.5	484.8	467.3	454.4	446.8	442.3	434.7	433.9	432.4	430.1
40°	481.0	471.9	462.0	446.8	435.4	426.3	420.2	416.4	414.1	412.6	411.1
42.5°	455.9	446.1	441.5	424.0	414.1	405.0	402.0	398.2	397.4	394.4	390.6
45°	431.6	423.3	414.1	401.2	392.9	385.3	380.7	377.7	373.9	373.1	370.8
47.5°	410.3	400.5	392.1	379.9	370.8	364.7	360.9	357.2	354.1	351.8	349.6
50°	383.0	375.4	368.5	355.6	348.0	342.0	336.6	333.6	330.6	330.6	330.6
52.5°	356.4	349.6	343.5	334.4	325.2	319.9	313.8	311.6	310.0	307.8	310.0
55°	330.6	323.7	317.6	310.8	300.2	295.6	289.5	287.2	288.0	288.0	290.3
57.5°	303.2	297.9	294.1	285.7	275.8	271.3	267.5	265.2	265.2	268.2	269.0
60°	276.6	271.3	264.4	256.8	250.8	245.4	243.2	243.9	243.9	245.4	249.2
62.5°	247.0	243.9	240.1	229.5	225.7	221.9	218.8	221.1	220.4	224.2	229.5
65°	219.6	216.6	211.3	205.9	201.4	197.6	196.8	197.6	199.1	202.9	209.0
67.5°	189.2	189.2	184.7	180.1	176.3	172.5	173.3	174.0	175.5	180.1	189.2
70°	164.1	161.1	156.5	153.5	150.5	148.9	147.4	150.5	155.0	158.1	164.9
72.5°	136.8	134.5	130.7	127.7	126.9	125.4	124.6	126.1	130.7	136.0	143.6
75°	107.9	108.7	106.4	104.1	104.1	101.8	103.3	103.3	107.9	113.2	119.3
77.5°	83.6	82.8	82.1	80.5	79.8	79.8	79.8	81.3	85.9	88.9	95.0
80°	59.3	60.0	57.8	58.5	57.8	58.5	58.5	61.6	63.8	67.6	72.2
82.5°	39.5	39.5	38.0	38.8	38.8	38.8	39.5	41.0	44.1	47.1	50.2
85°	22.0	22.8	21.3	22.8	22.8	22.8	23.6	24.3	26.6	27.4	30.4
87.5°	8.4	9.9	9.9	8.4	9.1	9.9	10.6	9.9	11.4	12.9	13.7
90°	6.2	6.9	7.5	8.7	9.9	11.1	12.3	13.1	14.0	14.8	15.7
92.5°	26.4	26.8	27.6	29.1	30.6	32.2	33.7	34.9	36.1	37.3	38.5
95°	51.2	51.4	52.3	54.0	55.7	57.4	59.1	60.3	61.5	62.6	63.8
97.5°	77.4	77.5	78.7	81.1	83.4	85.8	88.2	89.2	90.2	91.3	92.3
100°	107.4	107.4	108.5	110.7	112.9	115.1	117.3	118.8	120.4	121.9	123.4
102.5°	143.8	144.2	144.6	145.5	146.3	147.2	148.0	149.7	151.4	153.1	154.8
105°	178.3	178.7	179.2	180.2	181.3	182.3	183.3	184.3	185.3	186.4	187.4
107.5°	215.9	216.3	216.7	217.6	218.4	219.3	220.1	220.6	221.1	221.6	222.1
110°	255.0	255.4	255.7	256.2	256.7	257.2	257.7	258.2	258.7	259.2	259.7

TEST NUMBER: P1028169

CATALOG NUMBER: S125DIP-B610D850UB35-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
112.5°	292.8	293.0	293.3	294.0	294.7	295.3	296.0	296.2	296.4	296.5	296.7
115°	333.3	333.6	333.8	334.1	334.4	334.8	335.1	334.9	334.8	334.6	334.5
117.5°	371.1	371.2	371.4	371.7	372.0	372.4	372.7	372.9	373.1	373.2	373.4
120°	410.7	411.1	411.2	411.3	411.5	411.6	411.8	411.8	411.8	411.8	411.8
122.5°	447.8	447.9	448.2	448.7	449.2	449.7	450.2	450.0	449.8	449.7	449.5
125°	486.5	487.0	487.1	487.3	487.4	487.6	487.8	487.4	487.1	486.7	486.4
127.5°	523.5	523.8	523.9	524.1	524.2	524.4	524.6	524.4	524.2	524.1	523.9
130°	559.5	559.9	560.1	560.4	560.7	561.1	561.4	561.2	561.0	560.9	560.7
132.5°	596.6	597.4	597.3	597.2	597.0	596.9	596.7	596.5	596.3	596.2	596.0
135°	631.5	632.0	632.1	632.2	632.4	632.5	632.7	632.7	632.7	632.7	632.7
137.5°	666.0	666.5	666.7	667.0	667.3	667.7	668.0	668.2	668.4	668.5	668.7
140°	698.3	698.7	699.0	699.5	700.0	700.5	701.0	701.3	701.7	702.0	702.3
142.5°	730.6	730.9	731.2	731.9	732.6	733.3	734.0	734.2	734.3	734.5	734.6
145°	762.8	763.1	763.4	763.9	764.4	764.9	765.4	765.4	765.4	765.4	765.4
147.5°	791.9	792.2	792.4	792.7	793.1	793.4	793.8	794.3	794.8	795.3	795.8
150°	819.2	819.1	819.4	820.1	820.8	821.4	822.1	822.1	822.1	822.1	822.1
152.5°	845.7	845.9	846.0	846.2	846.3	846.5	846.7	847.2	847.7	848.2	848.7
155°	869.7	869.7	869.8	870.0	870.1	870.3	870.5	871.2	871.8	872.5	873.2
157.5°	891.4	891.2	891.3	891.4	891.6	891.7	891.9	892.6	893.3	894.0	894.7
160°	910.6	910.3	910.4	910.6	910.7	910.9	911.1	911.8	912.5	913.2	913.9
162.5°	929.0	928.8	928.8	928.8	928.8	928.8	928.8	929.6	930.5	931.3	932.2
165°	944.3	944.1	944.2	944.4	944.5	944.7	944.9	945.6	946.2	946.9	947.6
167.5°	956.7	956.4	956.4	956.4	956.4	956.4	956.4	957.4	958.4	959.5	960.5
170°	967.4	967.1	967.1	967.1	967.1	967.1	967.1	968.1	969.1	970.2	971.2
172.5°	975.1	974.8	974.8	974.8	974.8	974.8	974.8	975.8	976.8	977.9	978.9
175°	980.4	980.1	980.1	980.1	980.1	980.1	980.1	981.1	982.1	983.2	984.2
177.5°	984.3	984.0	983.9	983.7	983.6	983.4	983.2	984.2	985.2	986.3	987.3
180°	985.5	985.5	985.5	985.5	985.5	985.5	985.5	985.5	985.5	985.5	985.5

TEST NUMBER: P1028169

CATALOG NUMBER: S125DIP-B610D850UB35-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
0°	895.2	895.2	895.2	895.2	895.2	895.2	895.2	895.2	895.2	895.2	895.2
2.5°	848.8	843.5	842.7	844.2	841.2	845.8	844.2	845.8	842.0	845.8	843.5
5°	790.3	788.8	785.7	781.9	782.7	783.5	787.3	783.5	786.5	787.3	791.1
7.5°	735.6	732.5	734.8	733.3	726.5	724.9	726.5	728.7	733.3	736.3	738.6
10°	691.5	690.0	686.9	684.7	680.9	678.6	681.6	678.6	684.7	690.0	690.0
12.5°	658.1	652.0	648.2	647.4	639.1	640.6	643.6	645.9	652.7	655.8	655.8
15°	623.1	618.6	617.0	614.0	611.0	614.0	612.5	614.8	617.8	620.8	622.4
17.5°	592.7	592.0	592.7	585.1	587.4	583.6	584.4	588.2	585.9	588.2	592.7
20°	565.4	566.9	564.6	561.6	561.6	557.0	562.3	560.8	561.6	566.1	573.0
22.5°	544.8	544.1	541.8	539.5	536.5	537.2	538.0	536.5	542.6	546.4	547.1
25°	522.8	521.3	520.5	518.2	515.2	518.2	517.5	518.2	519.8	525.8	521.3
27.5°	502.3	499.3	500.8	498.5	497.7	498.5	498.5	499.3	500.8	501.5	502.3
30°	484.8	481.8	481.0	479.5	478.7	479.5	481.0	479.5	485.6	484.8	484.8
32.5°	465.8	463.5	462.0	462.0	461.3	460.5	461.3	462.0	466.6	463.5	466.6
35°	447.6	446.1	446.1	444.5	443.8	443.8	443.8	446.8	445.3	447.6	447.6
37.5°	430.1	430.1	429.3	427.8	427.1	427.8	427.1	428.6	427.8	428.6	429.3
40°	411.9	410.3	409.6	409.6	407.3	405.0	407.3	407.3	408.1	410.3	411.1
42.5°	389.8	390.6	390.6	387.5	387.5	387.5	388.3	389.1	389.1	390.6	390.6
45°	370.8	369.3	369.3	369.3	367.8	368.5	370.1	370.1	370.1	370.1	368.5
47.5°	349.6	349.6	350.3	350.3	352.6	351.8	351.8	351.1	349.6	349.6	350.3
50°	329.8	332.1	332.8	332.8	333.6	334.4	334.4	332.8	332.1	329.8	329.8
52.5°	310.8	312.3	313.8	316.1	317.6	316.9	316.9	315.4	312.3	311.6	310.8
55°	290.3	292.6	295.6	297.9	300.2	300.9	300.9	297.9	294.8	291.0	291.0
57.5°	271.3	273.6	278.9	281.2	284.2	284.2	282.7	280.4	275.8	272.8	270.5
60°	252.3	256.1	259.9	264.4	268.2	269.0	266.7	263.7	258.4	254.6	251.5
62.5°	231.8	235.6	243.2	247.7	250.8	250.8	250.8	247.0	240.1	234.8	230.2
65°	212.0	215.8	222.6	228.7	231.0	233.3	231.0	227.2	221.9	215.8	211.3
67.5°	191.5	196.1	202.9	207.5	210.5	212.8	211.3	208.2	201.4	193.0	190.0
70°	168.7	171.0	180.9	185.4	190.0	191.5	190.0	185.4	178.6	169.5	166.4
72.5°	147.4	149.7	158.8	162.6	166.4	167.9	165.7	162.6	156.5	148.2	144.4
75°	123.1	126.9	131.5	137.5	142.1	143.6	141.3	139.1	131.5	126.1	123.1
77.5°	97.3	101.1	107.1	112.5	117.0	116.3	113.2	114.0	105.6	99.5	97.3
80°	73.7	76.7	81.3	85.9	88.1	88.1	87.4	84.3	81.3	76.7	72.9
82.5°	50.9	54.7	58.5	61.6	61.6	62.3	60.8	60.0	57.0	53.2	52.4
85°	30.4	31.2	34.2	34.2	37.2	35.7	35.0	37.2	34.2	31.9	31.2
87.5°	13.7	12.9	13.7	13.7	12.9	14.4	14.4	13.7	14.4	13.7	13.7
90°	16.1	16.4	16.9	17.4	17.9	18.4	17.9	17.4	16.9	16.4	16.1
92.5°	39.1	39.3	39.6	39.9	40.3	40.6	40.3	39.9	39.6	39.3	39.1
95°	64.4	64.6	64.9	65.3	65.6	66.0	65.6	65.3	64.9	64.6	64.4
97.5°	92.8	92.9	93.1	93.2	93.4	93.6	93.4	93.2	93.1	92.9	92.8
100°	124.2	124.4	124.7	125.1	125.4	125.8	125.4	125.1	124.7	124.4	124.2
102.5°	155.7	156.0	156.5	157.0	157.5	158.0	157.5	157.0	156.5	156.0	155.7
105°	187.9	188.2	188.7	189.2	189.7	190.2	189.7	189.2	188.7	188.2	187.9
107.5°	222.4	222.4	222.4	222.4	222.4	222.4	222.4	222.4	222.4	222.4	222.4
110°	260.0	259.9	259.7	259.6	259.4	259.2	259.4	259.6	259.7	259.9	260.0

TEST NUMBER: P1028169

CATALOG NUMBER: S125DIP-B610D850UB35-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
112.5°	296.8	296.6	296.3	296.0	295.6	295.3	295.6	296.0	296.3	296.6	296.8
115°	334.4	334.3	334.1	334.0	333.8	333.6	333.8	334.0	334.1	334.3	334.4
117.5°	373.5	373.2	372.5	371.8	371.1	370.4	371.1	371.8	372.5	373.2	373.5
120°	411.8	411.5	410.8	410.1	409.5	408.8	409.5	410.1	410.8	411.5	411.8
122.5°	449.4	449.1	448.6	448.1	447.6	447.1	447.6	448.1	448.6	449.1	449.4
125°	486.2	486.1	486.0	485.8	485.7	485.5	485.7	485.8	486.0	486.1	486.2
127.5°	523.8	523.6	523.3	523.0	522.6	522.3	522.6	523.0	523.3	523.6	523.8
130°	560.6	560.4	560.1	559.8	559.4	559.1	559.4	559.8	560.1	560.4	560.6
132.5°	595.9	595.6	595.1	594.6	594.1	593.6	594.1	594.6	595.1	595.6	595.9
135°	632.7	632.4	631.7	631.0	630.3	629.6	630.3	631.0	631.7	632.4	632.7
137.5°	668.8	668.4	667.5	666.6	665.8	664.9	665.8	666.6	667.5	668.4	668.8
140°	702.5	702.1	701.2	700.4	699.5	698.7	699.5	700.4	701.2	702.1	702.5
142.5°	734.7	734.3	733.4	732.6	731.7	730.9	731.7	732.6	733.4	734.3	734.7
145°	765.4	765.1	764.6	764.1	763.6	763.1	763.6	764.1	764.6	765.1	765.4
147.5°	796.1	795.4	794.0	792.7	791.3	789.9	791.3	792.7	794.0	795.4	796.1
150°	822.1	821.9	821.6	821.3	820.9	820.6	820.9	821.3	821.6	821.9	822.1
152.5°	849.0	848.7	848.0	847.3	846.6	845.9	846.6	847.3	848.0	848.7	849.0
155°	873.5	873.1	872.2	871.4	870.5	869.7	870.5	871.4	872.2	873.1	873.5
157.5°	895.0	894.4	893.2	892.0	890.8	889.6	890.8	892.0	893.2	894.4	895.0
160°	914.2	913.8	912.9	912.0	911.2	910.3	911.2	912.0	912.9	913.8	914.2
162.5°	932.6	932.1	931.1	930.0	929.0	928.0	929.0	930.0	931.1	932.1	932.6
165°	947.9	947.4	946.4	945.3	944.3	943.3	944.3	945.3	946.4	947.4	947.9
167.5°	961.0	960.5	959.5	958.4	957.4	956.4	957.4	958.4	959.5	960.5	961.0
170°	971.7	971.1	969.9	968.7	967.5	966.3	967.5	968.7	969.9	971.1	971.7
172.5°	979.4	978.9	977.9	976.8	975.8	974.8	975.8	976.8	977.9	978.9	979.4
175°	984.7	984.1	982.9	981.8	980.6	979.4	980.6	981.8	982.9	984.1	984.7
177.5°	987.8	987.2	986.0	984.8	983.6	982.4	983.6	984.8	986.0	987.2	987.8
180°	985.5	985.5	985.5	985.5	985.5	985.5	985.5	985.5	985.5	985.5	985.5

TEST NUMBER: P1028169

CATALOG NUMBER: S125DIP-B610D850UB35-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
0°	895.2	895.2	895.2	895.2	895.2	895.2	895.2	895.2	895.2	895.2	895.2
2.5°	850.3	845.8	851.1	844.2	845.8	854.1	853.4	861.0	865.5	864.8	868.6
5°	794.1	794.1	796.4	795.6	803.2	810.0	819.2	826.8	835.1	839.7	845.0
7.5°	738.6	746.2	747.7	751.5	760.7	772.1	781.2	792.6	804.7	813.1	819.2
10°	693.0	699.1	705.2	708.2	718.1	733.3	746.2	764.5	779.7	788.8	797.1
12.5°	652.7	659.6	662.6	676.3	683.1	693.0	711.3	731.0	747.7	757.6	764.5
15°	623.9	627.7	634.5	642.9	649.7	661.9	677.1	699.1	715.1	723.4	747.0
17.5°	599.6	604.1	607.9	611.7	622.4	635.3	649.7	668.7	689.2	703.7	715.8
20°	574.5	576.8	581.3	587.4	595.0	607.2	620.1	639.8	658.1	669.5	685.4
22.5°	544.8	551.7	556.2	560.8	569.2	582.8	595.0	609.4	632.2	645.2	661.9
25°	527.4	530.4	533.4	538.8	544.8	557.0	570.7	585.9	604.1	617.8	632.2
27.5°	504.6	509.1	512.9	519.8	523.6	533.4	546.4	561.6	583.6	595.0	607.2
30°	485.6	490.1	493.2	496.2	501.5	512.2	524.3	536.5	557.0	571.4	583.6
32.5°	466.6	471.1	474.9	477.2	482.5	489.4	499.3	514.4	531.9	541.8	557.8
35°	449.9	449.9	454.4	457.5	462.0	468.1	477.2	488.6	506.8	519.8	534.2
37.5°	430.9	431.6	435.4	437.7	442.3	448.3	457.5	468.1	483.3	493.2	507.6
40°	411.1	413.4	414.9	418.7	424.0	426.3	435.4	447.6	462.8	471.9	484.1
42.5°	391.3	392.9	396.7	399.7	404.3	408.1	414.1	425.5	436.9	450.6	460.5
45°	369.3	373.1	375.4	380.7	383.0	386.8	392.9	402.0	415.7	424.0	435.4
47.5°	350.3	351.8	353.4	360.2	364.7	367.0	373.1	378.4	392.9	400.5	411.1
50°	329.8	329.8	332.1	335.1	340.4	345.0	350.3	356.4	367.8	375.4	386.0
52.5°	310.8	308.5	310.0	311.6	316.9	321.4	326.8	335.1	345.8	350.3	359.4
55°	290.3	286.5	288.8	291.0	292.6	298.6	304.7	310.0	318.4	325.2	333.6
57.5°	268.2	267.5	266.0	266.7	270.5	274.3	278.9	285.7	295.6	300.9	305.5
60°	248.5	243.9	242.4	243.9	246.2	248.5	254.6	260.6	269.0	274.3	279.6
62.5°	228.0	223.4	220.4	218.1	220.4	225.7	229.5	234.0	240.9	247.0	251.5
65°	208.2	201.4	198.3	196.8	196.1	199.9	202.9	209.0	215.1	217.3	222.6
67.5°	186.2	180.1	176.3	174.0	174.0	174.0	177.1	183.1	189.2	190.0	195.3
70°	164.1	157.3	153.5	150.5	148.9	150.5	154.3	155.0	160.3	161.9	164.9
72.5°	140.6	134.5	129.9	126.1	126.9	128.4	128.4	129.9	133.0	136.8	136.8
75°	118.5	110.2	107.9	104.9	103.3	103.3	103.3	106.4	108.7	111.7	110.9
77.5°	93.5	88.9	84.3	82.8	80.5	79.8	81.3	81.3	82.8	85.1	85.9
80°	72.2	66.9	63.8	62.3	59.3	58.5	59.3	59.3	61.6	60.8	61.6
82.5°	50.2	46.4	44.1	41.8	40.3	41.0	40.3	40.3	41.0	40.3	40.3
85°	28.9	28.1	26.6	25.8	25.1	23.6	25.1	24.3	23.6	22.8	24.3
87.5°	13.7	12.9	12.9	11.4	11.4	10.6	11.4	11.4	10.6	10.6	10.6
90°	15.7	14.8	14.0	13.1	12.3	11.1	9.9	8.7	7.5	6.9	6.2
92.5°	38.5	37.3	36.1	34.9	33.7	32.2	30.6	29.1	27.6	26.8	26.4
95°	63.8	62.6	61.5	60.3	59.1	57.4	55.7	54.0	52.3	51.4	51.2
97.5°	92.3	91.3	90.2	89.2	88.2	85.8	83.4	81.1	78.7	77.5	77.4
100°	123.4	121.9	120.4	118.8	117.3	115.1	112.9	110.7	108.5	107.4	107.4
102.5°	154.8	153.1	151.4	149.7	148.0	147.2	146.3	145.5	144.6	144.2	143.8
105°	187.4	186.4	185.3	184.3	183.3	182.3	181.3	180.2	179.2	178.7	178.3
107.5°	222.1	221.6	221.1	220.6	220.1	219.3	218.4	217.6	216.7	216.3	215.9
110°	259.7	259.2	258.7	258.2	257.7	257.2	256.7	256.2	255.7	255.4	255.0

TEST NUMBER: P1028169

CATALOG NUMBER: S125DIP-B610D850UB35-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
112.5°	296.7	296.5	296.4	296.2	296.0	295.3	294.7	294.0	293.3	293.0	292.8
115°	334.5	334.6	334.8	334.9	335.1	334.8	334.4	334.1	333.8	333.6	333.3
117.5°	373.4	373.2	373.1	372.9	372.7	372.4	372.0	371.7	371.4	371.2	371.1
120°	411.8	411.8	411.8	411.8	411.8	411.6	411.5	411.3	411.2	411.1	410.7
122.5°	449.5	449.7	449.8	450.0	450.2	449.7	449.2	448.7	448.2	447.9	447.8
125°	486.4	486.7	487.1	487.4	487.8	487.6	487.4	487.3	487.1	487.0	486.5
127.5°	523.9	524.1	524.2	524.4	524.6	524.4	524.2	524.1	523.9	523.8	523.5
130°	560.7	560.9	561.0	561.2	561.4	561.1	560.7	560.4	560.1	559.9	559.5
132.5°	596.0	596.2	596.3	596.5	596.7	596.9	597.0	597.2	597.3	597.4	596.6
135°	632.7	632.7	632.7	632.7	632.7	632.5	632.4	632.2	632.1	632.0	631.5
137.5°	668.7	668.5	668.4	668.2	668.0	667.7	667.3	667.0	666.7	666.5	666.0
140°	702.3	702.0	701.7	701.3	701.0	700.5	700.0	699.5	699.0	698.7	698.3
142.5°	734.6	734.5	734.3	734.2	734.0	733.3	732.6	731.9	731.2	730.9	730.6
145°	765.4	765.4	765.4	765.4	765.4	764.9	764.4	763.9	763.4	763.1	762.8
147.5°	795.8	795.3	794.8	794.3	793.8	793.4	793.1	792.7	792.4	792.2	791.9
150°	822.1	822.1	822.1	822.1	822.1	821.4	820.8	820.1	819.4	819.1	819.2
152.5°	848.7	848.2	847.7	847.2	846.7	846.5	846.3	846.2	846.0	845.9	845.7
155°	873.2	872.5	871.8	871.2	870.5	870.3	870.1	870.0	869.8	869.7	869.7
157.5°	894.7	894.0	893.3	892.6	891.9	891.7	891.6	891.4	891.3	891.2	891.4
160°	913.9	913.2	912.5	911.8	911.1	910.9	910.7	910.6	910.4	910.3	910.6
162.5°	932.2	931.3	930.5	929.6	928.8	928.8	928.8	928.8	928.8	928.8	929.0
165°	947.6	946.9	946.2	945.6	944.9	944.7	944.5	944.4	944.2	944.1	944.3
167.5°	960.5	959.5	958.4	957.4	956.4	956.4	956.4	956.4	956.4	956.4	956.7
170°	971.2	970.2	969.1	968.1	967.1	967.1	967.1	967.1	967.1	967.1	967.4
172.5°	978.9	977.9	976.8	975.8	974.8	974.8	974.8	974.8	974.8	974.8	975.1
175°	984.2	983.2	982.1	981.1	980.1	980.1	980.1	980.1	980.1	980.1	980.4
177.5°	987.3	986.3	985.2	984.2	983.2	983.4	983.6	983.7	983.9	984.0	984.3
180°	985.5	985.5	985.5	985.5	985.5	985.5	985.5	985.5	985.5	985.5	985.5

TEST NUMBER: P1028169

CATALOG NUMBER: S125DIP-B610D850UB35-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
0°	895.2	895.2	895.2	895.2
2.5°	873.9	881.5	886.8	896.7
5°	854.1	867.8	880.7	894.4
7.5°	834.4	850.3	870.8	888.3
10°	812.3	832.8	857.2	880.7
12.5°	790.3	814.6	841.2	872.4
15°	763.7	794.8	826.0	859.4
17.5°	740.1	772.1	805.5	847.3
20°	713.5	748.5	785.0	827.5
22.5°	690.0	728.7	766.7	811.6
25°	663.4	701.4	743.2	791.1
27.5°	641.4	676.3	717.3	769.0
30°	614.8	652.7	693.8	745.5
32.5°	589.7	626.2	669.5	720.4
35°	563.8	601.1	639.8	688.5
37.5°	539.5	571.4	610.2	656.5
40°	512.2	547.1	582.1	618.6
42.5°	487.1	519.0	551.7	580.6
45°	459.0	486.3	517.5	541.0
47.5°	433.1	457.5	481.8	500.0
50°	407.3	426.3	444.5	460.5
52.5°	376.9	398.2	408.1	417.9
55°	349.6	361.7	370.8	380.7
57.5°	323.0	328.3	332.8	342.0
60°	288.0	294.1	299.4	306.2
62.5°	257.6	260.6	262.2	269.0
65°	228.7	228.0	231.8	235.6
67.5°	197.6	196.8	200.6	202.1
70°	167.2	166.4	167.2	171.0
72.5°	138.3	138.3	139.1	140.6
75°	111.7	111.7	112.5	114.0
77.5°	84.3	85.9	85.1	88.1
80°	61.6	60.0	61.6	63.1
82.5°	40.3	41.8	41.8	40.3
85°	22.8	22.8	22.8	22.8
87.5°	9.9	9.9	10.6	11.4
90°	4.9	3.5	2.2	0.8
92.5°	25.5	24.7	23.8	23.0
95°	50.9	50.6	50.2	49.9
97.5°	77.2	77.1	76.9	76.7
100°	107.4	107.4	107.4	107.4
102.5°	142.9	142.0	141.2	140.3
105°	177.4	176.6	175.7	174.9
107.5°	215.0	214.1	213.3	212.4
110°	254.1	253.3	252.4	251.6

TEST NUMBER: P1028169

CATALOG NUMBER: S125DIP-B610D850UB35-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
112.5°	292.5	292.1	291.8	291.4
115°	332.6	331.9	331.2	330.5
117.5°	370.9	370.8	370.6	370.4
120°	409.8	408.9	408.1	407.2
122.5°	447.6	447.5	447.3	447.1
125°	485.5	484.4	483.4	482.4
127.5°	523.0	522.5	522.0	521.5
130°	558.6	557.7	556.9	556.0
132.5°	595.1	593.6	592.0	590.5
135°	630.4	629.4	628.3	627.3
137.5°	665.0	663.9	662.9	661.9
140°	697.4	696.5	695.7	694.8
142.5°	729.9	729.2	728.5	727.8
145°	762.1	761.4	760.7	760.0
147.5°	791.4	790.9	790.4	789.9
150°	819.3	819.5	819.6	819.8
152.5°	845.4	845.1	844.7	844.4
155°	869.7	869.7	869.7	869.7
157.5°	891.7	892.0	892.4	892.7
160°	911.1	911.6	912.1	912.6
162.5°	929.3	929.6	930.0	930.3
165°	944.6	944.9	945.3	945.6
167.5°	957.4	958.1	958.7	959.4
170°	968.1	968.8	969.5	970.2
172.5°	975.8	976.5	977.1	977.8
175°	981.1	981.8	982.5	983.2
177.5°	985.0	985.7	986.3	987.0
180°	985.5	985.5	985.5	985.5

(END OF REPORT)