

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: P1028159

Luminaire Tested: S125DIP-B610D850UB30-4F0-XX-W2A-A

Issue Date: 5/7/2025

Test Information

Test Method: LM-79-2019
Report Number: P1028159
REPORT IS A COMBINATION OF REPORTS P1002383 AND P1007351
Test Lab: INNOVATION CENTER
Issue Date: 5/7/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: NEO-RAY
Catalog Number: S125DIP-B610D850UB30-4F0-XX-W2A-A
Description: Define 5 Direct/Indirect Pendant with 3000K BioUP LEDs {m-DER=0.589} {m-EER=0.647}
Light Source: -
Ballast/Driver: -

Summary

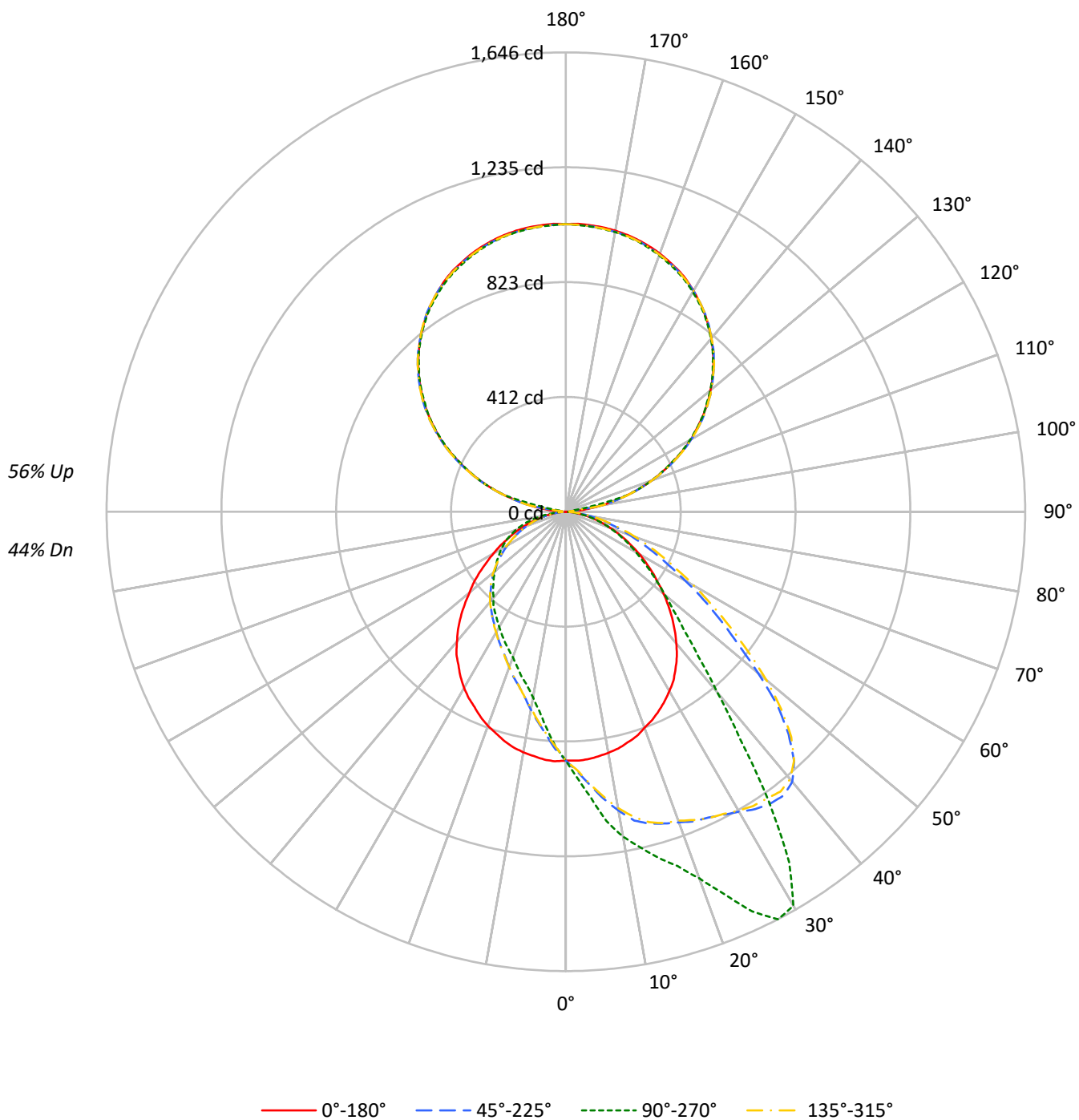
Lumens per Lamp: N/A
Luminaire Lumens: 5682.0 lumens
Efficiency: N/A
Efficacy: 126.0 lumens/watt
Spacing Criteria (0/90/45): 1.23 / 1.43 / 1.52
Luminous Opening: Rectangular w/ Sides (W: 0.42' x L: 4' x H: 0.1')
CIE Type: General Diffuse

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

TEST NUMBER: P1028159

CATALOG NUMBER: S125DIP-B610D850UB30-4F0-XX-W2A-A

Luminous Intensity Polar Plot



TEST NUMBER: P1028159

CATALOG NUMBER: S125DIP-B610D850UB30-4F0-XX-W2A-A

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20
RC	80				70				50				30				10
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10
RCR																	
0	106	106	106	106	97	97	97	97	80	80	80	65	65	65	51	51	51
1	97	93	89	85	88	85	82	79	71	68	66	57	56	54	45	44	43
2	88	81	75	70	81	74	69	65	62	58	55	51	48	46	40	38	37
3	81	71	64	58	73	66	59	54	55	50	46	45	42	39	36	33	31
4	74	63	55	50	67	58	51	46	49	44	40	40	36	33	32	29	27
5	68	56	48	42	62	52	45	40	44	38	34	36	32	29	29	26	24
6	62	50	42	37	57	47	40	34	39	34	30	33	28	25	26	23	21
7	58	46	38	32	53	42	35	30	36	30	26	30	25	22	24	21	19
8	53	41	34	28	49	38	31	27	32	27	23	27	23	20	22	19	17
9	50	38	30	25	45	35	28	24	30	24	21	25	21	18	20	17	15
10	46	34	27	23	42	32	26	21	27	22	19	23	19	16	19	16	14

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

TEST NUMBER: P1028159

CATALOG NUMBER: S125DIP-B610D850UB30-4F0-XX-W2A-A

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	85.8	1.5
10°-20°	255.5	4.5
20°-30°	415.0	7.3
30°-40°	507.2	8.9
40°-50°	460.1	8.1
50°-60°	366.5	6.4
60°-70°	255.2	4.5
70°-80°	136.0	2.4
80°-90°	35.2	0.6
90°-100°	35.0	0.6
100°-110°	232.6	4.1
110°-120°	418.8	7.4
120°-130°	537.6	9.5
130°-140°	578.2	10.2
140°-150°	542.6	9.6
150°-160°	438.9	7.7
160°-170°	283.9	5.0
170°-180°	97.9	1.7
0°-30°	756.3	13.3
0°-40°	1263.5	22.2
0°-60°	2090.1	36.8
0°-90°	2516.5	44.3
90°-120°	686.3	12.1
90°-150°	2344.7	41.3
90°-180°	3165.0	55.7
0°-180°	5682.0	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	4
95°	44	16	44	16	44	53
105°	225	227	225	227	225	238
115°	422	419	422	419	422	418
125°	600	600	600	600	600	536
135°	748	745	748	745	748	577
145°	867	865	867	865	867	542
155°	955	948	955	948	955	440
165°	1008	1002	1008	1002	1008	285
175°	1030	1026	1030	1026	1030	98
180°	1030	1030	1030	1030	1030	

TEST NUMBER: P1028159

CATALOG NUMBER: S125DIP-B610D850UB30-4F0-XX-W2A-A

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	2.2	3.5	4.9	6.2	6.9	7.5	8.7	9.8	11.0	12.2
92.5°	14.5	13.0	11.4	9.9	8.4	7.6	8.1	9.1	10.2	11.2	12.2
95°	43.5	43.0	42.5	42.0	41.5	41.3	38.1	31.6	25.1	18.7	12.2
97.5°	81.7	82.7	83.7	84.8	85.8	86.3	78.2	62.1	46.0	29.9	13.8
100°	127.6	128.1	128.6	129.1	129.6	129.9	130.2	130.9	131.6	132.2	132.9
102.5°	174.2	174.9	175.5	176.2	176.9	177.2	177.4	177.7	178.1	178.4	178.8
105°	224.6	225.3	225.9	226.6	227.3	227.6	227.6	227.6	227.6	227.6	227.6
107.5°	276.5	276.5	276.5	276.5	276.5	276.5	276.7	277.0	277.4	277.7	278.1
110°	326.9	326.9	326.9	326.9	326.9	326.9	327.1	327.4	327.8	328.1	328.5

TEST NUMBER: P1028159

CATALOG NUMBER: S125DIP-B610D850UB30-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	374.3	374.8	375.3	375.8	376.3	376.6	376.7	376.9	377.0	377.2	377.4
115°	421.7	422.5	423.4	424.2	425.1	425.5	425.6	425.8	425.9	426.1	426.3
117.5°	471.3	471.3	471.3	471.3	471.3	471.3	471.6	472.3	473.0	473.7	474.4
120°	517.2	517.0	516.8	516.7	516.5	516.4	516.7	517.2	517.7	518.2	518.7
122.5°	557.6	558.5	559.3	560.2	561.1	561.5	561.6	561.7	561.9	562.0	562.2
125°	599.7	600.9	602.1	603.2	604.4	605.0	605.0	605.0	605.0	605.0	605.0
127.5°	640.1	641.0	641.8	642.7	643.6	644.0	643.9	643.7	643.6	643.4	643.2
130°	676.8	677.6	678.5	679.3	680.2	680.6	680.7	680.9	681.0	681.2	681.4
132.5°	713.5	714.5	715.5	716.6	717.6	718.1	717.8	717.3	716.8	716.3	715.8
135°	747.9	748.9	749.9	750.9	751.9	752.4	752.2	751.9	751.6	751.2	750.9
137.5°	779.9	780.9	781.9	783.0	784.0	784.5	784.3	784.0	783.7	783.3	783.0
140°	811.3	811.6	812.0	812.3	812.6	812.8	812.7	812.5	812.4	812.2	812.0
142.5°	839.5	839.7	839.9	840.0	840.2	840.3	840.5	840.8	841.1	841.5	841.8
145°	867.0	867.4	867.7	868.1	868.4	868.6	868.6	868.6	868.6	868.6	868.6
147.5°	891.5	891.5	891.5	891.5	891.5	891.5	891.6	891.7	891.9	892.0	892.2
150°	914.4	914.1	913.7	913.4	913.1	912.9	913.1	913.4	913.7	914.1	914.4
152.5°	936.5	935.7	934.8	934.0	933.1	932.7	932.9	933.2	933.5	933.9	934.2
155°	954.9	953.9	952.9	951.8	950.8	950.3	950.5	950.8	951.1	951.5	951.8
157.5°	969.4	968.9	968.4	967.9	967.4	967.1	967.1	967.1	967.1	967.1	967.1
160°	984.7	983.7	982.7	981.6	980.6	980.1	980.2	980.3	980.5	980.6	980.8
162.5°	996.9	995.9	994.9	993.8	992.8	992.3	992.4	992.6	992.7	992.9	993.1
165°	1007.6	1006.6	1005.6	1004.5	1003.5	1003.0	1003.1	1003.3	1003.4	1003.6	1003.8
167.5°	1016.0	1015.0	1014.0	1012.9	1011.9	1011.4	1011.5	1011.7	1011.8	1012.0	1012.2
170°	1022.9	1021.7	1020.5	1019.3	1018.1	1017.5	1017.6	1017.8	1017.9	1018.1	1018.3
172.5°	1027.4	1026.2	1025.0	1023.9	1022.7	1022.1	1022.3	1022.6	1022.9	1023.3	1023.6
175°	1030.5	1029.5	1028.5	1027.4	1026.4	1025.9	1026.0	1026.2	1026.3	1026.5	1026.7
177.5°	1032.8	1031.8	1030.8	1029.7	1028.7	1028.2	1028.3	1028.5	1028.6	1028.8	1029.0
180°	1030.5	1030.5	1030.5	1030.5	1030.5	1030.5	1030.5	1030.5	1030.5	1030.5	1030.5

TEST NUMBER: P1028159

CATALOG NUMBER: S125DIP-B610D850UB30-4F0-XX-W2A-A

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°	13.0	13.9	14.7	15.6	16.0	16.3	16.8	17.3	17.8	18.3	17.8
92.5°	13.0	13.9	14.7	15.6	16.0	16.1	16.3	16.4	16.6	16.8	16.6
95°	13.0	13.9	14.7	15.6	16.0	16.0	16.0	16.0	16.0	16.0	16.0
97.5°	14.1	14.5	14.8	15.1	15.3	15.4	15.5	15.7	15.8	16.0	15.8
100°	107.6	82.3	57.0	31.7	19.1	18.8	18.1	17.4	16.7	16.0	16.7
102.5°	179.1	179.5	179.8	180.1	180.3	173.2	158.9	144.6	130.4	116.1	130.4
105°	227.6	227.6	227.6	227.6	227.6	227.5	227.4	227.2	227.1	226.9	227.1
107.5°	278.3	278.4	278.6	278.7	278.8	278.5	277.8	277.1	276.5	275.8	276.5
110°	328.0	327.5	327.0	326.5	326.2	326.3	326.4	326.6	326.7	326.9	326.7

TEST NUMBER: P1028159

CATALOG NUMBER: S125DIP-B610D850UB30-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	376.7	376.0	375.3	374.6	374.3	374.1	373.8	373.5	373.1	372.8	373.1
115°	425.6	424.9	424.2	423.5	423.2	422.7	421.7	420.6	419.6	418.6	419.6
117.5°	473.4	472.4	471.3	470.3	469.8	469.6	469.3	469.0	468.6	468.3	468.6
120°	518.4	518.0	517.7	517.4	517.2	516.8	515.9	515.0	514.2	513.3	514.2
122.5°	561.9	561.5	561.2	560.9	560.7	560.2	559.2	558.1	557.1	556.1	557.1
125°	604.3	603.7	603.0	602.3	602.0	601.7	601.2	600.7	600.2	599.7	600.2
127.5°	642.9	642.5	642.2	641.9	641.7	641.0	639.7	638.3	637.0	635.6	637.0
130°	680.9	680.4	679.9	679.4	679.1	678.7	677.8	677.0	676.1	675.3	676.1
132.5°	715.8	715.8	715.8	715.8	715.8	715.4	714.5	713.7	712.8	712.0	712.8
135°	750.6	750.2	749.9	749.6	749.4	748.9	747.9	746.8	745.8	744.8	745.8
137.5°	783.0	783.0	783.0	783.0	783.0	782.6	781.7	780.9	780.0	779.2	780.0
140°	812.4	812.7	813.1	813.4	813.6	813.1	812.1	811.0	810.0	809.0	810.0
142.5°	841.8	841.8	841.8	841.8	841.8	841.3	840.3	839.2	838.2	837.2	838.2
145°	868.8	868.9	869.1	869.2	869.3	868.8	867.8	866.7	865.7	864.7	865.7
147.5°	892.4	892.6	892.7	892.9	893.0	892.4	891.2	890.0	888.8	887.6	888.8
150°	914.7	915.1	915.4	915.7	915.9	915.2	913.9	912.5	911.2	909.8	911.2
152.5°	934.6	934.9	935.3	935.6	935.8	935.2	934.0	932.8	931.6	930.4	931.6
155°	952.3	952.8	953.3	953.8	954.1	953.4	952.1	950.7	949.4	948.0	949.4
157.5°	967.6	968.1	968.6	969.1	969.4	968.7	967.4	966.0	964.7	963.3	964.7
160°	981.5	982.2	982.9	983.6	983.9	983.2	981.9	980.5	979.2	977.8	979.2
162.5°	994.1	995.1	996.2	997.2	997.7	996.9	995.4	993.9	992.3	990.8	992.3
165°	1004.8	1005.8	1006.8	1007.8	1008.3	1007.6	1006.3	1004.9	1003.6	1002.2	1003.6
167.5°	1013.4	1014.6	1015.7	1016.9	1017.5	1016.7	1015.2	1013.7	1012.1	1010.6	1012.1
170°	1019.7	1021.0	1022.4	1023.7	1024.4	1023.6	1022.1	1020.6	1019.0	1017.5	1019.0
172.5°	1024.8	1026.0	1027.2	1028.4	1029.0	1028.2	1026.7	1025.2	1023.6	1022.1	1023.6
175°	1028.1	1029.4	1030.8	1032.1	1032.8	1032.0	1030.5	1029.0	1027.4	1025.9	1027.4
177.5°	1030.2	1031.4	1032.5	1033.7	1034.3	1033.6	1032.3	1030.9	1029.6	1028.2	1029.6
180°	1030.5	1030.5	1030.5	1030.5	1030.5	1030.5	1030.5	1030.5	1030.5	1030.5	1030.5

TEST NUMBER: P1028159

CATALOG NUMBER: S125DIP-B610D850UB30-4F0-XX-W2A-A

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°	17.3	16.8	16.3	16.0	15.6	14.7	13.9	13.0	12.2	11.0	9.8
92.5°	16.4	16.3	16.1	16.0	15.6	14.7	13.9	13.0	12.2	11.2	10.2
95°	16.0	16.0	16.0	16.0	15.6	14.7	13.9	13.0	12.2	18.7	25.1
97.5°	15.7	15.5	15.4	15.3	15.1	14.8	14.5	14.1	13.8	29.9	46.0
100°	17.4	18.1	18.8	19.1	31.7	57.0	82.3	107.6	132.9	132.2	131.6
102.5°	144.6	158.9	173.2	180.3	180.1	179.8	179.5	179.1	178.8	178.4	178.1
105°	227.2	227.4	227.5	227.6	227.6	227.6	227.6	227.6	227.6	227.6	227.6
107.5°	277.1	277.8	278.5	278.8	278.7	278.6	278.4	278.3	278.1	277.7	277.4
110°	326.6	326.4	326.3	326.2	326.5	327.0	327.5	328.0	328.5	328.1	327.8

TEST NUMBER: P1028159

CATALOG NUMBER: S125DIP-B610D850UB30-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	373.5	373.8	374.1	374.3	374.6	375.3	376.0	376.7	377.4	377.2	377.0
115°	420.6	421.7	422.7	423.2	423.5	424.2	424.9	425.6	426.3	426.1	425.9
117.5°	469.0	469.3	469.6	469.8	470.3	471.3	472.4	473.4	474.4	473.7	473.0
120°	515.0	515.9	516.8	517.2	517.4	517.7	518.0	518.4	518.7	518.2	517.7
122.5°	558.1	559.2	560.2	560.7	560.9	561.2	561.5	561.9	562.2	562.0	561.9
125°	600.7	601.2	601.7	602.0	602.3	603.0	603.7	604.3	605.0	605.0	605.0
127.5°	638.3	639.7	641.0	641.7	641.9	642.2	642.5	642.9	643.2	643.4	643.6
130°	677.0	677.8	678.7	679.1	679.4	679.9	680.4	680.9	681.4	681.2	681.0
132.5°	713.7	714.5	715.4	715.8	715.8	715.8	715.8	715.8	715.8	716.3	716.8
135°	746.8	747.9	748.9	749.4	749.6	749.9	750.2	750.6	750.9	751.2	751.6
137.5°	780.9	781.7	782.6	783.0	783.0	783.0	783.0	783.0	783.0	783.3	783.7
140°	811.0	812.1	813.1	813.6	813.4	813.1	812.7	812.4	812.0	812.2	812.4
142.5°	839.2	840.3	841.3	841.8	841.8	841.8	841.8	841.8	841.8	841.5	841.1
145°	866.7	867.8	868.8	869.3	869.2	869.1	868.9	868.8	868.6	868.6	868.6
147.5°	890.0	891.2	892.4	893.0	892.9	892.7	892.6	892.4	892.2	892.0	891.9
150°	912.5	913.9	915.2	915.9	915.7	915.4	915.1	914.7	914.4	914.1	913.7
152.5°	932.8	934.0	935.2	935.8	935.6	935.3	934.9	934.6	934.2	933.9	933.5
155°	950.7	952.1	953.4	954.1	953.8	953.3	952.8	952.3	951.8	951.5	951.1
157.5°	966.0	967.4	968.7	969.4	969.1	968.6	968.1	967.6	967.1	967.1	967.1
160°	980.5	981.9	983.2	983.9	983.6	982.9	982.2	981.5	980.8	980.6	980.5
162.5°	993.9	995.4	996.9	997.7	997.2	996.2	995.1	994.1	993.1	992.9	992.7
165°	1004.9	1006.3	1007.6	1008.3	1007.8	1006.8	1005.8	1004.8	1003.8	1003.6	1003.4
167.5°	1013.7	1015.2	1016.7	1017.5	1016.9	1015.7	1014.6	1013.4	1012.2	1012.0	1011.8
170°	1020.6	1022.1	1023.6	1024.4	1023.7	1022.4	1021.0	1019.7	1018.3	1018.1	1017.9
172.5°	1025.2	1026.7	1028.2	1029.0	1028.4	1027.2	1026.0	1024.8	1023.6	1023.3	1022.9
175°	1029.0	1030.5	1032.0	1032.8	1032.1	1030.8	1029.4	1028.1	1026.7	1026.5	1026.3
177.5°	1030.9	1032.3	1033.6	1034.3	1033.7	1032.5	1031.4	1030.2	1029.0	1028.8	1028.6
180°	1030.5	1030.5	1030.5	1030.5	1030.5	1030.5	1030.5	1030.5	1030.5	1030.5	1030.5

TEST NUMBER: P1028159

CATALOG NUMBER: S125DIP-B610D850UB30-4F0-XX-W2A-A

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°	8.7	7.5	6.9	6.2	4.9	3.5	2.2	0.8	2.2	3.5	4.9
92.5°	9.1	8.1	7.6	8.4	9.9	11.4	13.0	14.5	13.0	11.4	9.9
95°	31.6	38.1	41.3	41.5	42.0	42.5	43.0	43.5	43.0	42.5	42.0
97.5°	62.1	78.2	86.3	85.8	84.8	83.7	82.7	81.7	82.7	83.7	84.8
100°	130.9	130.2	129.9	129.6	129.1	128.6	128.1	127.6	128.1	128.6	129.1
102.5°	177.7	177.4	177.2	176.9	176.2	175.5	174.9	174.2	174.9	175.5	176.2
105°	227.6	227.6	227.6	227.3	226.6	225.9	225.3	224.6	225.3	225.9	226.6
107.5°	277.0	276.7	276.5	276.5	276.5	276.5	276.5	276.5	276.5	276.5	276.5
110°	327.4	327.1	326.9	326.9	326.9	326.9	326.9	326.9	326.9	326.9	326.9

TEST NUMBER: P1028159

CATALOG NUMBER: S125DIP-B610D850UB30-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
112.5°	376.9	376.7	376.6	376.3	375.8	375.3	374.8	374.3	374.8	375.3	375.8
115°	425.8	425.6	425.5	425.1	424.2	423.4	422.5	421.7	422.5	423.4	424.2
117.5°	472.3	471.6	471.3	471.3	471.3	471.3	471.3	471.3	471.3	471.3	471.3
120°	517.2	516.7	516.4	516.5	516.7	516.8	517.0	517.2	517.0	516.8	516.7
122.5°	561.7	561.6	561.5	561.1	560.2	559.3	558.5	557.6	558.5	559.3	560.2
125°	605.0	605.0	605.0	604.4	603.2	602.1	600.9	599.7	600.9	602.1	603.2
127.5°	643.7	643.9	644.0	643.6	642.7	641.8	641.0	640.1	641.0	641.8	642.7
130°	680.9	680.7	680.6	680.2	679.3	678.5	677.6	676.8	677.6	678.5	679.3
132.5°	717.3	717.8	718.1	717.6	716.6	715.5	714.5	713.5	714.5	715.5	716.6
135°	751.9	752.2	752.4	751.9	750.9	749.9	748.9	747.9	748.9	749.9	750.9
137.5°	784.0	784.3	784.5	784.0	783.0	781.9	780.9	779.9	780.9	781.9	783.0
140°	812.5	812.7	812.8	812.6	812.3	812.0	811.6	811.3	811.6	812.0	812.3
142.5°	840.8	840.5	840.3	840.2	840.0	839.9	839.7	839.5	839.7	839.9	840.0
145°	868.6	868.6	868.6	868.4	868.1	867.7	867.4	867.0	867.4	867.7	868.1
147.5°	891.7	891.6	891.5	891.5	891.5	891.5	891.5	891.5	891.5	891.5	891.5
150°	913.4	913.1	912.9	913.1	913.4	913.7	914.1	914.4	914.1	913.7	913.4
152.5°	933.2	932.9	932.7	933.1	934.0	934.8	935.7	936.5	935.7	934.8	934.0
155°	950.8	950.5	950.3	950.8	951.8	952.9	953.9	954.9	953.9	952.9	951.8
157.5°	967.1	967.1	967.1	967.4	967.9	968.4	968.9	969.4	968.9	968.4	967.9
160°	980.3	980.2	980.1	980.6	981.6	982.7	983.7	984.7	983.7	982.7	981.6
162.5°	992.6	992.4	992.3	992.8	993.8	994.9	995.9	996.9	995.9	994.9	993.8
165°	1003.3	1003.1	1003.0	1003.5	1004.5	1005.6	1006.6	1007.6	1006.6	1005.6	1004.5
167.5°	1011.7	1011.5	1011.4	1011.9	1012.9	1014.0	1015.0	1016.0	1015.0	1014.0	1012.9
170°	1017.8	1017.6	1017.5	1018.1	1019.3	1020.5	1021.7	1022.9	1021.7	1020.5	1019.3
172.5°	1022.6	1022.3	1022.1	1022.7	1023.9	1025.0	1026.2	1027.4	1026.2	1025.0	1023.9
175°	1026.2	1026.0	1025.9	1026.4	1027.4	1028.5	1029.5	1030.5	1029.5	1028.5	1027.4
177.5°	1028.5	1028.3	1028.2	1028.7	1029.7	1030.8	1031.8	1032.8	1031.8	1030.8	1029.7
180°	1030.5	1030.5	1030.5	1030.5	1030.5	1030.5	1030.5	1030.5	1030.5	1030.5	1030.5

TEST NUMBER: P1028159

CATALOG NUMBER: S125DIP-B610D850UB30-4F0-XX-W2A-A

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°	6.2	6.9	7.5	8.7	9.8	11.0	12.2	13.0	13.9	14.7	15.6
92.5°	8.4	7.6	8.1	9.1	10.2	11.2	12.2	13.0	13.9	14.7	15.6
95°	41.5	41.3	38.1	31.6	25.1	18.7	12.2	13.0	13.9	14.7	15.6
97.5°	85.8	86.3	78.2	62.1	46.0	29.9	13.8	14.1	14.5	14.8	15.1
100°	129.6	129.9	130.2	130.9	131.6	132.2	132.9	107.6	82.3	57.0	31.7
102.5°	176.9	177.2	177.4	177.7	178.1	178.4	178.8	179.1	179.5	179.8	180.1
105°	227.3	227.6	227.6	227.6	227.6	227.6	227.6	227.6	227.6	227.6	227.6
107.5°	276.5	276.5	276.7	277.0	277.4	277.7	278.1	278.3	278.4	278.6	278.7
110°	326.9	326.9	327.1	327.4	327.8	328.1	328.5	328.0	327.5	327.0	326.5

TEST NUMBER: P1028159

CATALOG NUMBER: S125DIP-B610D850UB30-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
112.5°	376.3	376.6	376.7	376.9	377.0	377.2	377.4	376.7	376.0	375.3	374.6
115°	425.1	425.5	425.6	425.8	425.9	426.1	426.3	425.6	424.9	424.2	423.5
117.5°	471.3	471.3	471.6	472.3	473.0	473.7	474.4	473.4	472.4	471.3	470.3
120°	516.5	516.4	516.7	517.2	517.7	518.2	518.7	518.4	518.0	517.7	517.4
122.5°	561.1	561.5	561.6	561.7	561.9	562.0	562.2	561.9	561.5	561.2	560.9
125°	604.4	605.0	605.0	605.0	605.0	605.0	605.0	604.3	603.7	603.0	602.3
127.5°	643.6	644.0	643.9	643.7	643.6	643.4	643.2	642.9	642.5	642.2	641.9
130°	680.2	680.6	680.7	680.9	681.0	681.2	681.4	680.9	680.4	679.9	679.4
132.5°	717.6	718.1	717.8	717.3	716.8	716.3	715.8	715.8	715.8	715.8	715.8
135°	751.9	752.4	752.2	751.9	751.6	751.2	750.9	750.6	750.2	749.9	749.6
137.5°	784.0	784.5	784.3	784.0	783.7	783.3	783.0	783.0	783.0	783.0	783.0
140°	812.6	812.8	812.7	812.5	812.4	812.2	812.0	812.4	812.7	813.1	813.4
142.5°	840.2	840.3	840.5	840.8	841.1	841.5	841.8	841.8	841.8	841.8	841.8
145°	868.4	868.6	868.6	868.6	868.6	868.6	868.6	868.8	868.9	869.1	869.2
147.5°	891.5	891.5	891.6	891.7	891.9	892.0	892.2	892.4	892.6	892.7	892.9
150°	913.1	912.9	913.1	913.4	913.7	914.1	914.4	914.7	915.1	915.4	915.7
152.5°	933.1	932.7	932.9	933.2	933.5	933.9	934.2	934.6	934.9	935.3	935.6
155°	950.8	950.3	950.5	950.8	951.1	951.5	951.8	952.3	952.8	953.3	953.8
157.5°	967.4	967.1	967.1	967.1	967.1	967.1	967.1	967.6	968.1	968.6	969.1
160°	980.6	980.1	980.2	980.3	980.5	980.6	980.8	981.5	982.2	982.9	983.6
162.5°	992.8	992.3	992.4	992.6	992.7	992.9	993.1	994.1	995.1	996.2	997.2
165°	1003.5	1003.0	1003.1	1003.3	1003.4	1003.6	1003.8	1004.8	1005.8	1006.8	1007.8
167.5°	1011.9	1011.4	1011.5	1011.7	1011.8	1012.0	1012.2	1013.4	1014.6	1015.7	1016.9
170°	1018.1	1017.5	1017.6	1017.8	1017.9	1018.1	1018.3	1019.7	1021.0	1022.4	1023.7
172.5°	1022.7	1022.1	1022.3	1022.6	1022.9	1023.3	1023.6	1024.8	1026.0	1027.2	1028.4
175°	1026.4	1025.9	1026.0	1026.2	1026.3	1026.5	1026.7	1028.1	1029.4	1030.8	1032.1
177.5°	1028.7	1028.2	1028.3	1028.5	1028.6	1028.8	1029.0	1030.2	1031.4	1032.5	1033.7
180°	1030.5	1030.5	1030.5	1030.5	1030.5	1030.5	1030.5	1030.5	1030.5	1030.5	1030.5

TEST NUMBER: P1028159

CATALOG NUMBER: S125DIP-B610D850UB30-4F0-XX-W2A-A

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°	16.0	16.3	16.8	17.3	17.8	18.3	17.8	17.3	16.8	16.3	16.0
92.5°	16.0	16.1	16.3	16.4	16.6	16.8	16.6	16.4	16.3	16.1	16.0
95°	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0
97.5°	15.3	15.4	15.5	15.7	15.8	16.0	15.8	15.7	15.5	15.4	15.3
100°	19.1	18.8	18.1	17.4	16.7	16.0	16.7	17.4	18.1	18.8	19.1
102.5°	180.3	173.2	158.9	144.6	130.4	116.1	130.4	144.6	158.9	173.2	180.3
105°	227.6	227.5	227.4	227.2	227.1	226.9	227.1	227.2	227.4	227.5	227.6
107.5°	278.8	278.5	277.8	277.1	276.5	275.8	276.5	277.1	277.8	278.5	278.8
110°	326.2	326.3	326.4	326.6	326.7	326.9	326.7	326.6	326.4	326.3	326.2

TEST NUMBER: P1028159

CATALOG NUMBER: S125DIP-B610D850UB30-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
112.5°	374.3	374.1	373.8	373.5	373.1	372.8	373.1	373.5	373.8	374.1	374.3
115°	423.2	422.7	421.7	420.6	419.6	418.6	419.6	420.6	421.7	422.7	423.2
117.5°	469.8	469.6	469.3	469.0	468.6	468.3	468.6	469.0	469.3	469.6	469.8
120°	517.2	516.8	515.9	515.0	514.2	513.3	514.2	515.0	515.9	516.8	517.2
122.5°	560.7	560.2	559.2	558.1	557.1	556.1	557.1	558.1	559.2	560.2	560.7
125°	602.0	601.7	601.2	600.7	600.2	599.7	600.2	600.7	601.2	601.7	602.0
127.5°	641.7	641.0	639.7	638.3	637.0	635.6	637.0	638.3	639.7	641.0	641.7
130°	679.1	678.7	677.8	677.0	676.1	675.3	676.1	677.0	677.8	678.7	679.1
132.5°	715.8	715.4	714.5	713.7	712.8	712.0	712.8	713.7	714.5	715.4	715.8
135°	749.4	748.9	747.9	746.8	745.8	744.8	745.8	746.8	747.9	748.9	749.4
137.5°	783.0	782.6	781.7	780.9	780.0	779.2	780.0	780.9	781.7	782.6	783.0
140°	813.6	813.1	812.1	811.0	810.0	809.0	810.0	811.0	812.1	813.1	813.6
142.5°	841.8	841.3	840.3	839.2	838.2	837.2	838.2	839.2	840.3	841.3	841.8
145°	869.3	868.8	867.8	866.7	865.7	864.7	865.7	866.7	867.8	868.8	869.3
147.5°	893.0	892.4	891.2	890.0	888.8	887.6	888.8	890.0	891.2	892.4	893.0
150°	915.9	915.2	913.9	912.5	911.2	909.8	911.2	912.5	913.9	915.2	915.9
152.5°	935.8	935.2	934.0	932.8	931.6	930.4	931.6	932.8	934.0	935.2	935.8
155°	954.1	953.4	952.1	950.7	949.4	948.0	949.4	950.7	952.1	953.4	954.1
157.5°	969.4	968.7	967.4	966.0	964.7	963.3	964.7	966.0	967.4	968.7	969.4
160°	983.9	983.2	981.9	980.5	979.2	977.8	979.2	980.5	981.9	983.2	983.9
162.5°	997.7	996.9	995.4	993.9	992.3	990.8	992.3	993.9	995.4	996.9	997.7
165°	1008.3	1007.6	1006.3	1004.9	1003.6	1002.2	1003.6	1004.9	1006.3	1007.6	1008.3
167.5°	1017.5	1016.7	1015.2	1013.7	1012.1	1010.6	1012.1	1013.7	1015.2	1016.7	1017.5
170°	1024.4	1023.6	1022.1	1020.6	1019.0	1017.5	1019.0	1020.6	1022.1	1023.6	1024.4
172.5°	1029.0	1028.2	1026.7	1025.2	1023.6	1022.1	1023.6	1025.2	1026.7	1028.2	1029.0
175°	1032.8	1032.0	1030.5	1029.0	1027.4	1025.9	1027.4	1029.0	1030.5	1032.0	1032.8
177.5°	1034.3	1033.6	1032.3	1030.9	1029.6	1028.2	1029.6	1030.9	1032.3	1033.6	1034.3
180°	1030.5	1030.5	1030.5	1030.5	1030.5	1030.5	1030.5	1030.5	1030.5	1030.5	1030.5

TEST NUMBER: P1028159

CATALOG NUMBER: S125DIP-B610D850UB30-4F0-XX-W2A-A

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°	15.6	14.7	13.9	13.0	12.2	11.0	9.8	8.7	7.5	6.9	6.2
92.5°	15.6	14.7	13.9	13.0	12.2	11.2	10.2	9.1	8.1	7.6	8.4
95°	15.6	14.7	13.9	13.0	12.2	18.7	25.1	31.6	38.1	41.3	41.5
97.5°	15.1	14.8	14.5	14.1	13.8	29.9	46.0	62.1	78.2	86.3	85.8
100°	31.7	57.0	82.3	107.6	132.9	132.2	131.6	130.9	130.2	129.9	129.6
102.5°	180.1	179.8	179.5	179.1	178.8	178.4	178.1	177.7	177.4	177.2	176.9
105°	227.6	227.6	227.6	227.6	227.6	227.6	227.6	227.6	227.6	227.6	227.3
107.5°	278.7	278.6	278.4	278.3	278.1	277.7	277.4	277.0	276.7	276.5	276.5
110°	326.5	327.0	327.5	328.0	328.5	328.1	327.8	327.4	327.1	326.9	326.9

TEST NUMBER: P1028159

CATALOG NUMBER: S125DIP-B610D850UB30-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
112.5°	374.6	375.3	376.0	376.7	377.4	377.2	377.0	376.9	376.7	376.6	376.3
115°	423.5	424.2	424.9	425.6	426.3	426.1	425.9	425.8	425.6	425.5	425.1
117.5°	470.3	471.3	472.4	473.4	474.4	473.7	473.0	472.3	471.6	471.3	471.3
120°	517.4	517.7	518.0	518.4	518.7	518.2	517.7	517.2	516.7	516.4	516.5
122.5°	560.9	561.2	561.5	561.9	562.2	562.0	561.9	561.7	561.6	561.5	561.1
125°	602.3	603.0	603.7	604.3	605.0	605.0	605.0	605.0	605.0	605.0	604.4
127.5°	641.9	642.2	642.5	642.9	643.2	643.4	643.6	643.7	643.9	644.0	643.6
130°	679.4	679.9	680.4	680.9	681.4	681.2	681.0	680.9	680.7	680.6	680.2
132.5°	715.8	715.8	715.8	715.8	715.8	716.3	716.8	717.3	717.8	718.1	717.6
135°	749.6	749.9	750.2	750.6	750.9	751.2	751.6	751.9	752.2	752.4	751.9
137.5°	783.0	783.0	783.0	783.0	783.0	783.3	783.7	784.0	784.3	784.5	784.0
140°	813.4	813.1	812.7	812.4	812.0	812.2	812.4	812.5	812.7	812.8	812.6
142.5°	841.8	841.8	841.8	841.8	841.8	841.5	841.1	840.8	840.5	840.3	840.2
145°	869.2	869.1	868.9	868.8	868.6	868.6	868.6	868.6	868.6	868.6	868.4
147.5°	892.9	892.7	892.6	892.4	892.2	892.0	891.9	891.7	891.6	891.5	891.5
150°	915.7	915.4	915.1	914.7	914.4	914.1	913.7	913.4	913.1	912.9	913.1
152.5°	935.6	935.3	934.9	934.6	934.2	933.9	933.5	933.2	932.9	932.7	933.1
155°	953.8	953.3	952.8	952.3	951.8	951.5	951.1	950.8	950.5	950.3	950.8
157.5°	969.1	968.6	968.1	967.6	967.1	967.1	967.1	967.1	967.1	967.1	967.4
160°	983.6	982.9	982.2	981.5	980.8	980.6	980.5	980.3	980.2	980.1	980.6
162.5°	997.2	996.2	995.1	994.1	993.1	992.9	992.7	992.6	992.4	992.3	992.8
165°	1007.8	1006.8	1005.8	1004.8	1003.8	1003.6	1003.4	1003.3	1003.1	1003.0	1003.5
167.5°	1016.9	1015.7	1014.6	1013.4	1012.2	1012.0	1011.8	1011.7	1011.5	1011.4	1011.9
170°	1023.7	1022.4	1021.0	1019.7	1018.3	1018.1	1017.9	1017.8	1017.6	1017.5	1018.1
172.5°	1028.4	1027.2	1026.0	1024.8	1023.6	1023.3	1022.9	1022.6	1022.3	1022.1	1022.7
175°	1032.1	1030.8	1029.4	1028.1	1026.7	1026.5	1026.3	1026.2	1026.0	1025.9	1026.4
177.5°	1033.7	1032.5	1031.4	1030.2	1029.0	1028.8	1028.6	1028.5	1028.3	1028.2	1028.7
180°	1030.5	1030.5	1030.5	1030.5	1030.5	1030.5	1030.5	1030.5	1030.5	1030.5	1030.5

TEST NUMBER: P1028159

CATALOG NUMBER: S125DIP-B610D850UB30-4F0-XX-W2A-A

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°	4.9	3.5	2.2	0.8
92.5°	9.9	11.4	13.0	14.5
95°	42.0	42.5	43.0	43.5
97.5°	84.8	83.7	82.7	81.7
100°	129.1	128.6	128.1	127.6
102.5°	176.2	175.5	174.9	174.2
105°	226.6	225.9	225.3	224.6
107.5°	276.5	276.5	276.5	276.5
110°	326.9	326.9	326.9	326.9

TEST NUMBER: P1028159

CATALOG NUMBER: S125DIP-B610D850UB30-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
112.5°	375.8	375.3	374.8	374.3
115°	424.2	423.4	422.5	421.7
117.5°	471.3	471.3	471.3	471.3
120°	516.7	516.8	517.0	517.2
122.5°	560.2	559.3	558.5	557.6
125°	603.2	602.1	600.9	599.7
127.5°	642.7	641.8	641.0	640.1
130°	679.3	678.5	677.6	676.8
132.5°	716.6	715.5	714.5	713.5
135°	750.9	749.9	748.9	747.9
137.5°	783.0	781.9	780.9	779.9
140°	812.3	812.0	811.6	811.3
142.5°	840.0	839.9	839.7	839.5
145°	868.1	867.7	867.4	867.0
147.5°	891.5	891.5	891.5	891.5
150°	913.4	913.7	914.1	914.4
152.5°	934.0	934.8	935.7	936.5
155°	951.8	952.9	953.9	954.9
157.5°	967.9	968.4	968.9	969.4
160°	981.6	982.7	983.7	984.7
162.5°	993.8	994.9	995.9	996.9
165°	1004.5	1005.6	1006.6	1007.6
167.5°	1012.9	1014.0	1015.0	1016.0
170°	1019.3	1020.5	1021.7	1022.9
172.5°	1023.9	1025.0	1026.2	1027.4
175°	1027.4	1028.5	1029.5	1030.5
177.5°	1029.7	1030.8	1031.8	1032.8
180°	1030.5	1030.5	1030.5	1030.5

(END OF REPORT)