

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: P1028115

Luminaire Tested: S125DIP-B610D610UB30-4F0-XX-W2A-A1

Issue Date: 5/7/2025

Test Information

Test Method: LM-79-2019
Report Number: P1028115
REPORT IS A COMBINATION OF REPORTS P1002324 AND P1007351
Test Lab: INNOVATION CENTER
Issue Date: 5/7/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: NEO-RAY
Catalog Number: S125DIP-B610D610UB30-4F0-XX-W2A-A1
Description: Define 5 Direct/Indirect Pendant with 3000K BioUP LEDs {m-DER=0.589} {m-EER=0.647}
Light Source: -
Ballast/Driver: -

Summary

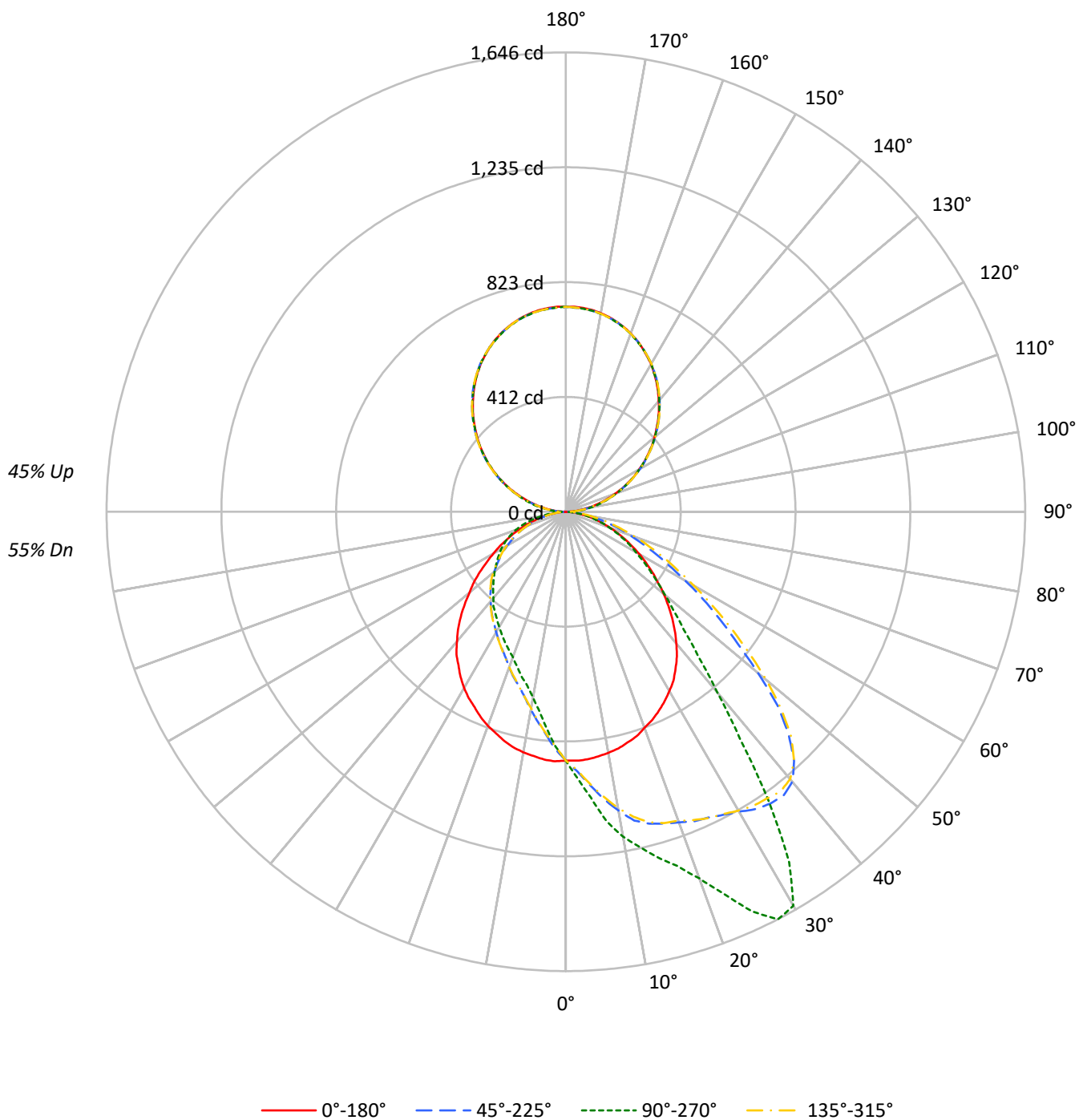
Lumens per Lamp: N/A
Luminaire Lumens: 4566.0 lumens
Efficiency: N/A
Efficacy: 115.9 lumens/watt
Spacing Criteria (0/90/45): 1.23 / 1.43 / 1.52
Luminous Opening: Rectangular w/ Sides (W: 0.42' x L: 4' x H: 0.1')
CIE Type: General Diffuse

Input Watts (W): 39.4
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: P1028115

CATALOG NUMBER: S125DIP-B610D610UB30-4F0-XX-W2A-A1

Luminous Intensity Polar Plot



TEST NUMBER: P1028115

CATALOG NUMBER: S125DIP-B610D610UB30-4F0-XX-W2A-A1

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	108	108	108	108	101	101	101	101	86	86	86	73	73	73	61	61	61
1	99	95	91	88	92	88	85	82	76	74	71	65	63	61	54	53	52
2	91	83	77	72	84	78	72	68	67	63	59	57	54	52	48	46	44
3	83	73	66	60	77	68	62	57	59	54	50	51	47	44	43	40	38
4	76	65	57	51	70	61	54	48	53	47	43	45	41	38	38	35	33
5	70	58	50	44	64	54	47	42	47	42	37	41	36	33	34	31	29
6	64	52	44	38	59	49	42	36	43	37	32	37	32	29	31	28	25
7	59	47	39	34	55	44	37	32	39	33	29	33	29	25	29	25	22
8	55	43	35	30	51	40	33	28	35	30	25	31	26	23	26	23	20
9	51	39	32	26	48	37	30	25	32	27	23	28	24	20	24	21	18
10	48	36	29	24	45	34	27	23	30	24	21	26	22	18	22	19	16

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: P1028115

CATALOG NUMBER: S125DIP-B610D610UB30-4F0-XX-W2A-A1

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	85.8	1.9
10°-20°	255.5	5.6
20°-30°	415.0	9.1
30°-40°	507.2	11.1
40°-50°	460.1	10.1
50°-60°	366.5	8.0
60°-70°	255.2	5.6
70°-80°	136.0	3.0
80°-90°	34.9	0.8
90°-100°	48.8	1.1
100°-110°	145.1	3.2
110°-120°	246.1	5.4
120°-130°	323.9	7.1
130°-140°	363.0	8.0
140°-150°	355.8	7.8
150°-160°	298.9	6.5
160°-170°	198.7	4.4
170°-180°	69.5	1.5
0°-30°	756.3	16.6
0°-40°	1263.5	27.7
0°-60°	2090.1	45.8
0°-90°	2516.1	55.1
90°-120°	440.0	9.6
90°-150°	1482.7	32.5
90°-180°	2050.0	44.9
0°-180°	4566.0	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	14	1	14	1	4
95°	37	49	37	49	37	39
105°	130	142	130	142	130	139
115°	246	249	246	249	246	244
125°	360	362	360	362	360	322
135°	468	469	468	469	468	360
145°	566	569	566	569	566	354
155°	648	648	648	648	648	299
165°	705	703	705	703	705	199
175°	733	730	733	730	733	70
180°	734	734	734	734	734	

TEST NUMBER: P1028115

CATALOG NUMBER: S125DIP-B610D610UB30-4F0-XX-W2A-A1

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°	0.6	1.6	2.6	3.6	4.6	5.1	5.5	6.4	7.3	8.2	9.1
92.5°	17.1	17.7	18.4	19.0	19.7	20.0	20.6	21.7	22.8	24.0	25.1
95°	37.2	37.4	37.7	37.9	38.2	38.3	38.9	40.2	41.5	42.7	44.0
97.5°	57.2	57.3	57.4	57.5	57.6	57.7	58.6	60.4	62.1	63.9	65.7
100°	80.0	80.0	80.0	80.0	80.0	80.0	80.8	82.5	84.2	85.8	87.5
102.5°	104.6	105.2	105.9	106.5	107.2	107.5	107.8	108.4	109.1	109.7	110.3
105°	130.3	130.9	131.6	132.2	132.9	133.2	133.6	134.3	135.1	135.8	136.6
107.5°	158.3	158.9	159.6	160.2	160.9	161.2	161.5	162.1	162.8	163.4	164.0
110°	187.5	188.1	188.7	189.4	190.0	190.3	190.5	190.9	191.2	191.6	192.0

TEST NUMBER: P1028115

CATALOG NUMBER: S125DIP-B610D610UB30-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	217.2	217.4	217.7	217.9	218.2	218.3	218.6	219.1	219.6	220.1	220.6
115°	246.3	246.8	247.3	247.8	248.3	248.6	248.7	249.0	249.3	249.5	249.8
117.5°	276.1	276.2	276.3	276.4	276.5	276.6	276.7	277.0	277.3	277.5	277.8
120°	303.5	304.1	304.8	305.4	306.1	306.4	306.5	306.6	306.7	306.8	306.9
122.5°	333.2	333.3	333.5	333.6	333.7	333.8	334.0	334.4	334.7	335.1	335.5
125°	359.5	360.3	361.1	361.8	362.6	363.0	363.1	363.2	363.3	363.4	363.5
127.5°	388.7	389.1	389.5	389.8	390.2	390.4	390.5	390.6	390.7	390.9	391.0
130°	414.4	415.0	415.6	416.3	416.9	417.2	417.3	417.6	417.9	418.1	418.4
132.5°	440.1	441.3	442.4	443.6	444.7	445.3	445.2	445.1	445.0	444.8	444.7
135°	467.5	468.3	469.1	469.8	470.6	471.0	471.1	471.2	471.3	471.4	471.5
137.5°	493.3	494.1	494.8	495.6	496.3	496.7	496.8	497.1	497.3	497.6	497.8
140°	517.8	518.4	519.1	519.7	520.4	520.7	520.9	521.3	521.6	522.0	522.4
142.5°	542.4	542.9	543.4	543.9	544.4	544.7	545.0	545.5	546.0	546.5	547.0
145°	566.4	566.9	567.4	567.9	568.4	568.7	568.9	569.3	569.6	570.0	570.4
147.5°	588.7	589.1	589.5	589.8	590.2	590.4	590.5	590.8	591.1	591.3	591.6
150°	611.0	610.9	610.7	610.6	610.5	610.4	610.7	611.2	611.7	612.2	612.7
152.5°	629.3	629.5	629.8	630.0	630.3	630.4	630.5	630.6	630.7	630.9	631.0
155°	648.2	648.2	648.2	648.2	648.2	648.2	648.3	648.4	648.5	648.6	648.7
157.5°	665.3	665.1	664.8	664.6	664.3	664.2	664.3	664.4	664.5	664.6	664.7
160°	680.2	679.8	679.4	679.1	678.7	678.5	678.6	678.7	678.8	678.9	679.0
162.5°	693.3	693.1	692.8	692.6	692.3	692.2	692.2	692.2	692.2	692.2	692.2
165°	704.8	704.5	704.3	704.0	703.7	703.6	703.7	703.8	703.9	704.1	704.2
167.5°	715.0	714.5	714.0	713.5	713.0	712.8	712.8	712.8	712.8	712.8	712.8
170°	723.0	722.5	722.0	721.5	721.0	720.8	720.8	720.8	720.8	720.8	720.8
172.5°	728.8	728.3	727.8	727.3	726.8	726.5	726.5	726.5	726.5	726.5	726.5
175°	732.8	732.3	731.8	731.3	730.8	730.5	730.5	730.5	730.5	730.5	730.5
177.5°	735.6	735.1	734.6	734.1	733.6	733.3	733.2	733.1	733.0	732.9	732.8
180°	734.5	734.5	734.5	734.5	734.5	734.5	734.5	734.5	734.5	734.5	734.5

TEST NUMBER: P1028115

CATALOG NUMBER: S125DIP-B610D610UB30-4F0-XX-W2A-A1

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°	9.7	10.4	11.0	11.7	12.0	12.2	12.6	12.9	13.3	13.7	13.3
92.5°	26.0	26.9	27.8	28.7	29.2	29.3	29.6	29.8	30.1	30.3	30.1
95°	44.9	45.8	46.7	47.6	48.0	48.1	48.4	48.7	48.9	49.2	48.9
97.5°	66.5	67.3	68.0	68.8	69.2	69.3	69.4	69.5	69.6	69.7	69.6
100°	88.6	89.8	90.9	92.0	92.6	92.7	93.0	93.2	93.5	93.7	93.5
102.5°	111.6	112.8	114.1	115.4	116.0	116.2	116.6	116.9	117.3	117.7	117.3
105°	137.4	138.1	138.9	139.6	140.0	140.2	140.6	141.0	141.4	141.8	141.4
107.5°	164.4	164.8	165.2	165.6	165.8	165.8	165.8	165.8	165.8	165.8	165.8
110°	192.4	192.8	193.2	193.6	193.8	193.7	193.6	193.5	193.3	193.2	193.3

TEST NUMBER: P1028115

CATALOG NUMBER: S125DIP-B610D610UB30-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	220.7	220.9	221.0	221.1	221.2	221.1	220.8	220.6	220.3	220.1	220.3
115°	249.7	249.5	249.4	249.3	249.2	249.1	249.0	248.9	248.7	248.6	248.7
117.5°	277.9	278.1	278.2	278.3	278.4	278.1	277.6	277.1	276.6	276.1	276.6
120°	306.9	306.9	306.9	306.9	306.9	306.6	306.1	305.6	305.1	304.6	305.1
122.5°	335.4	335.2	335.1	335.0	334.9	334.7	334.3	334.0	333.6	333.2	333.6
125°	363.3	363.0	362.8	362.5	362.4	362.3	362.2	362.1	361.9	361.8	361.9
127.5°	390.9	390.7	390.6	390.5	390.4	390.3	390.0	389.7	389.5	389.2	389.5
130°	418.3	418.1	418.0	417.9	417.8	417.7	417.4	417.2	416.9	416.7	416.9
132.5°	444.6	444.4	444.3	444.2	444.1	443.9	443.5	443.2	442.8	442.4	442.8
135°	471.5	471.5	471.5	471.5	471.5	471.3	470.8	470.3	469.8	469.3	469.8
137.5°	497.9	498.1	498.2	498.3	498.4	498.1	497.5	496.8	496.2	495.6	496.2
140°	522.7	522.9	523.2	523.5	523.6	523.3	522.6	522.0	521.3	520.7	521.3
142.5°	547.1	547.3	547.4	547.5	547.6	547.3	546.6	546.0	545.3	544.7	545.3
145°	570.4	570.4	570.4	570.4	570.4	570.2	569.8	569.5	569.1	568.7	569.1
147.5°	592.0	592.4	592.7	593.1	593.3	592.8	591.8	590.7	589.7	588.7	589.7
150°	612.7	612.7	612.7	612.7	612.7	612.6	612.3	612.1	611.8	611.6	611.8
152.5°	631.4	631.8	632.1	632.5	632.7	632.4	631.9	631.4	630.9	630.4	630.9
155°	649.2	649.7	650.2	650.7	651.0	650.7	650.1	649.4	648.8	648.2	648.8
157.5°	665.2	665.7	666.2	666.7	667.0	666.6	665.7	664.8	663.9	663.0	663.9
160°	679.5	680.0	680.5	681.0	681.3	681.0	680.4	679.7	679.1	678.5	679.1
162.5°	692.8	693.4	694.1	694.7	695.0	694.6	693.9	693.1	692.4	691.6	692.4
165°	704.7	705.2	705.7	706.2	706.5	706.1	705.3	704.6	703.8	703.0	703.8
167.5°	713.6	714.3	715.1	715.8	716.2	715.8	715.1	714.3	713.6	712.8	713.6
170°	721.6	722.3	723.1	723.8	724.2	723.8	722.9	722.0	721.1	720.2	721.1
172.5°	727.3	728.0	728.8	729.5	729.9	729.5	728.8	728.0	727.3	726.5	727.3
175°	731.3	732.0	732.8	733.5	733.9	733.5	732.6	731.7	730.8	729.9	730.8
177.5°	733.6	734.3	735.1	735.8	736.2	735.8	734.9	734.0	733.1	732.2	733.1
180°	734.5	734.5	734.5	734.5	734.5	734.5	734.5	734.5	734.5	734.5	734.5

TEST NUMBER: P1028115

CATALOG NUMBER: S125DIP-B610D610UB30-4F0-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°	12.9	12.6	12.2	12.0	11.7	11.0	10.4	9.7	9.1	8.2	7.3
92.5°	29.8	29.6	29.3	29.2	28.7	27.8	26.9	26.0	25.1	24.0	22.8
95°	48.7	48.4	48.1	48.0	47.6	46.7	45.8	44.9	44.0	42.7	41.5
97.5°	69.5	69.4	69.3	69.2	68.8	68.0	67.3	66.5	65.7	63.9	62.1
100°	93.2	93.0	92.7	92.6	92.0	90.9	89.8	88.6	87.5	85.8	84.2
102.5°	116.9	116.6	116.2	116.0	115.4	114.1	112.8	111.6	110.3	109.7	109.1
105°	141.0	140.6	140.2	140.0	139.6	138.9	138.1	137.4	136.6	135.8	135.1
107.5°	165.8	165.8	165.8	165.8	165.6	165.2	164.8	164.4	164.0	163.4	162.8
110°	193.5	193.6	193.7	193.8	193.6	193.2	192.8	192.4	192.0	191.6	191.2

TEST NUMBER: P1028115

CATALOG NUMBER: S125DIP-B610D610UB30-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	220.6	220.8	221.1	221.2	221.1	221.0	220.9	220.7	220.6	220.1	219.6
115°	248.9	249.0	249.1	249.2	249.3	249.4	249.5	249.7	249.8	249.5	249.3
117.5°	277.1	277.6	278.1	278.4	278.3	278.2	278.1	277.9	277.8	277.5	277.3
120°	305.6	306.1	306.6	306.9	306.9	306.9	306.9	306.9	306.9	306.8	306.7
122.5°	334.0	334.3	334.7	334.9	335.0	335.1	335.2	335.4	335.5	335.1	334.7
125°	362.1	362.2	362.3	362.4	362.5	362.8	363.0	363.3	363.5	363.4	363.3
127.5°	389.7	390.0	390.3	390.4	390.5	390.6	390.7	390.9	391.0	390.9	390.7
130°	417.2	417.4	417.7	417.8	417.9	418.0	418.1	418.3	418.4	418.1	417.9
132.5°	443.2	443.5	443.9	444.1	444.2	444.3	444.4	444.6	444.7	444.8	445.0
135°	470.3	470.8	471.3	471.5	471.5	471.5	471.5	471.5	471.5	471.4	471.3
137.5°	496.8	497.5	498.1	498.4	498.3	498.2	498.1	497.9	497.8	497.6	497.3
140°	522.0	522.6	523.3	523.6	523.5	523.2	522.9	522.7	522.4	522.0	521.6
142.5°	546.0	546.6	547.3	547.6	547.5	547.4	547.3	547.1	547.0	546.5	546.0
145°	569.5	569.8	570.2	570.4	570.4	570.4	570.4	570.4	570.4	570.0	569.6
147.5°	590.7	591.8	592.8	593.3	593.1	592.7	592.4	592.0	591.6	591.3	591.1
150°	612.1	612.3	612.6	612.7	612.7	612.7	612.7	612.7	612.7	612.2	611.7
152.5°	631.4	631.9	632.4	632.7	632.5	632.1	631.8	631.4	631.0	630.9	630.7
155°	649.4	650.1	650.7	651.0	650.7	650.2	649.7	649.2	648.7	648.6	648.5
157.5°	664.8	665.7	666.6	667.0	666.7	666.2	665.7	665.2	664.7	664.6	664.5
160°	679.7	680.4	681.0	681.3	681.0	680.5	680.0	679.5	679.0	678.9	678.8
162.5°	693.1	693.9	694.6	695.0	694.7	694.1	693.4	692.8	692.2	692.2	692.2
165°	704.6	705.3	706.1	706.5	706.2	705.7	705.2	704.7	704.2	704.1	703.9
167.5°	714.3	715.1	715.8	716.2	715.8	715.1	714.3	713.6	712.8	712.8	712.8
170°	722.0	722.9	723.8	724.2	723.8	723.1	722.3	721.6	720.8	720.8	720.8
172.5°	728.0	728.8	729.5	729.9	729.5	728.8	728.0	727.3	726.5	726.5	726.5
175°	731.7	732.6	733.5	733.9	733.5	732.8	732.0	731.3	730.5	730.5	730.5
177.5°	734.0	734.9	735.8	736.2	735.8	735.1	734.3	733.6	732.8	732.9	733.0
180°	734.5	734.5	734.5	734.5	734.5	734.5	734.5	734.5	734.5	734.5	734.5

TEST NUMBER: P1028115

CATALOG NUMBER: S125DIP-B610D610UB30-4F0-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°	6.4	5.5	5.1	4.6	3.6	2.6	1.6	0.6	1.6	2.6	3.6
92.5°	21.7	20.6	20.0	19.7	19.0	18.4	17.7	17.1	17.7	18.4	19.0
95°	40.2	38.9	38.3	38.2	37.9	37.7	37.4	37.2	37.4	37.7	37.9
97.5°	60.4	58.6	57.7	57.6	57.5	57.4	57.3	57.2	57.3	57.4	57.5
100°	82.5	80.8	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
102.5°	108.4	107.8	107.5	107.2	106.5	105.9	105.2	104.6	105.2	105.9	106.5
105°	134.3	133.6	133.2	132.9	132.2	131.6	130.9	130.3	130.9	131.6	132.2
107.5°	162.1	161.5	161.2	160.9	160.2	159.6	158.9	158.3	158.9	159.6	160.2
110°	190.9	190.5	190.3	190.0	189.4	188.7	188.1	187.5	188.1	188.7	189.4

TEST NUMBER: P1028115

CATALOG NUMBER: S125DIP-B610D610UB30-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
112.5°	219.1	218.6	218.3	218.2	217.9	217.7	217.4	217.2	217.4	217.7	217.9
115°	249.0	248.7	248.6	248.3	247.8	247.3	246.8	246.3	246.8	247.3	247.8
117.5°	277.0	276.7	276.6	276.5	276.4	276.3	276.2	276.1	276.2	276.3	276.4
120°	306.6	306.5	306.4	306.1	305.4	304.8	304.1	303.5	304.1	304.8	305.4
122.5°	334.4	334.0	333.8	333.7	333.6	333.5	333.3	333.2	333.3	333.5	333.6
125°	363.2	363.1	363.0	362.6	361.8	361.1	360.3	359.5	360.3	361.1	361.8
127.5°	390.6	390.5	390.4	390.2	389.8	389.5	389.1	388.7	389.1	389.5	389.8
130°	417.6	417.3	417.2	416.9	416.3	415.6	415.0	414.4	415.0	415.6	416.3
132.5°	445.1	445.2	445.3	444.7	443.6	442.4	441.3	440.1	441.3	442.4	443.6
135°	471.2	471.1	471.0	470.6	469.8	469.1	468.3	467.5	468.3	469.1	469.8
137.5°	497.1	496.8	496.7	496.3	495.6	494.8	494.1	493.3	494.1	494.8	495.6
140°	521.3	520.9	520.7	520.4	519.7	519.1	518.4	517.8	518.4	519.1	519.7
142.5°	545.5	545.0	544.7	544.4	543.9	543.4	542.9	542.4	542.9	543.4	543.9
145°	569.3	568.9	568.7	568.4	567.9	567.4	566.9	566.4	566.9	567.4	567.9
147.5°	590.8	590.5	590.4	590.2	589.8	589.5	589.1	588.7	589.1	589.5	589.8
150°	611.2	610.7	610.4	610.5	610.6	610.7	610.9	611.0	610.9	610.7	610.6
152.5°	630.6	630.5	630.4	630.3	630.0	629.8	629.5	629.3	629.5	629.8	630.0
155°	648.4	648.3	648.2	648.2	648.2	648.2	648.2	648.2	648.2	648.2	648.2
157.5°	664.4	664.3	664.2	664.3	664.6	664.8	665.1	665.3	665.1	664.8	664.6
160°	678.7	678.6	678.5	678.7	679.1	679.4	679.8	680.2	679.8	679.4	679.1
162.5°	692.2	692.2	692.2	692.3	692.6	692.8	693.1	693.3	693.1	692.8	692.6
165°	703.8	703.7	703.6	703.7	704.0	704.3	704.5	704.8	704.5	704.3	704.0
167.5°	712.8	712.8	712.8	713.0	713.5	714.0	714.5	715.0	714.5	714.0	713.5
170°	720.8	720.8	720.8	721.0	721.5	722.0	722.5	723.0	722.5	722.0	721.5
172.5°	726.5	726.5	726.5	726.8	727.3	727.8	728.3	728.8	728.3	727.8	727.3
175°	730.5	730.5	730.5	730.8	731.3	731.8	732.3	732.8	732.3	731.8	731.3
177.5°	733.1	733.2	733.3	733.6	734.1	734.6	735.1	735.6	735.1	734.6	734.1
180°	734.5	734.5	734.5	734.5	734.5	734.5	734.5	734.5	734.5	734.5	734.5

TEST NUMBER: P1028115

CATALOG NUMBER: S125DIP-B610D610UB30-4F0-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°	4.6	5.1	5.5	6.4	7.3	8.2	9.1	9.7	10.4	11.0	11.7
92.5°	19.7	20.0	20.6	21.7	22.8	24.0	25.1	26.0	26.9	27.8	28.7
95°	38.2	38.3	38.9	40.2	41.5	42.7	44.0	44.9	45.8	46.7	47.6
97.5°	57.6	57.7	58.6	60.4	62.1	63.9	65.7	66.5	67.3	68.0	68.8
100°	80.0	80.0	80.8	82.5	84.2	85.8	87.5	88.6	89.8	90.9	92.0
102.5°	107.2	107.5	107.8	108.4	109.1	109.7	110.3	111.6	112.8	114.1	115.4
105°	132.9	133.2	133.6	134.3	135.1	135.8	136.6	137.4	138.1	138.9	139.6
107.5°	160.9	161.2	161.5	162.1	162.8	163.4	164.0	164.4	164.8	165.2	165.6
110°	190.0	190.3	190.5	190.9	191.2	191.6	192.0	192.4	192.8	193.2	193.6

TEST NUMBER: P1028115

CATALOG NUMBER: S125DIP-B610D610UB30-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
112.5°	218.2	218.3	218.6	219.1	219.6	220.1	220.6	220.7	220.9	221.0	221.1
115°	248.3	248.6	248.7	249.0	249.3	249.5	249.8	249.7	249.5	249.4	249.3
117.5°	276.5	276.6	276.7	277.0	277.3	277.5	277.8	277.9	278.1	278.2	278.3
120°	306.1	306.4	306.5	306.6	306.7	306.8	306.9	306.9	306.9	306.9	306.9
122.5°	333.7	333.8	334.0	334.4	334.7	335.1	335.5	335.4	335.2	335.1	335.0
125°	362.6	363.0	363.1	363.2	363.3	363.4	363.5	363.3	363.0	362.8	362.5
127.5°	390.2	390.4	390.5	390.6	390.7	390.9	391.0	390.9	390.7	390.6	390.5
130°	416.9	417.2	417.3	417.6	417.9	418.1	418.4	418.3	418.1	418.0	417.9
132.5°	444.7	445.3	445.2	445.1	445.0	444.8	444.7	444.6	444.4	444.3	444.2
135°	470.6	471.0	471.1	471.2	471.3	471.4	471.5	471.5	471.5	471.5	471.5
137.5°	496.3	496.7	496.8	497.1	497.3	497.6	497.8	497.9	498.1	498.2	498.3
140°	520.4	520.7	520.9	521.3	521.6	522.0	522.4	522.7	522.9	523.2	523.5
142.5°	544.4	544.7	545.0	545.5	546.0	546.5	547.0	547.1	547.3	547.4	547.5
145°	568.4	568.7	568.9	569.3	569.6	570.0	570.4	570.4	570.4	570.4	570.4
147.5°	590.2	590.4	590.5	590.8	591.1	591.3	591.6	592.0	592.4	592.7	593.1
150°	610.5	610.4	610.7	611.2	611.7	612.2	612.7	612.7	612.7	612.7	612.7
152.5°	630.3	630.4	630.5	630.6	630.7	630.9	631.0	631.4	631.8	632.1	632.5
155°	648.2	648.2	648.3	648.4	648.5	648.6	648.7	649.2	649.7	650.2	650.7
157.5°	664.3	664.2	664.3	664.4	664.5	664.6	664.7	665.2	665.7	666.2	666.7
160°	678.7	678.5	678.6	678.7	678.8	678.9	679.0	679.5	680.0	680.5	681.0
162.5°	692.3	692.2	692.2	692.2	692.2	692.2	692.2	692.8	693.4	694.1	694.7
165°	703.7	703.6	703.7	703.8	703.9	704.1	704.2	704.7	705.2	705.7	706.2
167.5°	713.0	712.8	712.8	712.8	712.8	712.8	712.8	713.6	714.3	715.1	715.8
170°	721.0	720.8	720.8	720.8	720.8	720.8	720.8	721.6	722.3	723.1	723.8
172.5°	726.8	726.5	726.5	726.5	726.5	726.5	726.5	727.3	728.0	728.8	729.5
175°	730.8	730.5	730.5	730.5	730.5	730.5	730.5	731.3	732.0	732.8	733.5
177.5°	733.6	733.3	733.2	733.1	733.0	732.9	732.8	733.6	734.3	735.1	735.8
180°	734.5	734.5	734.5	734.5	734.5	734.5	734.5	734.5	734.5	734.5	734.5

TEST NUMBER: P1028115

CATALOG NUMBER: S125DIP-B610D610UB30-4F0-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°	12.0	12.2	12.6	12.9	13.3	13.7	13.3	12.9	12.6	12.2	12.0
92.5°	29.2	29.3	29.6	29.8	30.1	30.3	30.1	29.8	29.6	29.3	29.2
95°	48.0	48.1	48.4	48.7	48.9	49.2	48.9	48.7	48.4	48.1	48.0
97.5°	69.2	69.3	69.4	69.5	69.6	69.7	69.6	69.5	69.4	69.3	69.2
100°	92.6	92.7	93.0	93.2	93.5	93.7	93.5	93.2	93.0	92.7	92.6
102.5°	116.0	116.2	116.6	116.9	117.3	117.7	117.3	116.9	116.6	116.2	116.0
105°	140.0	140.2	140.6	141.0	141.4	141.8	141.4	141.0	140.6	140.2	140.0
107.5°	165.8	165.8	165.8	165.8	165.8	165.8	165.8	165.8	165.8	165.8	165.8
110°	193.8	193.7	193.6	193.5	193.3	193.2	193.3	193.5	193.6	193.7	193.8

TEST NUMBER: P1028115

CATALOG NUMBER: S125DIP-B610D610UB30-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
112.5°	221.2	221.1	220.8	220.6	220.3	220.1	220.3	220.6	220.8	221.1	221.2
115°	249.2	249.1	249.0	248.9	248.7	248.6	248.7	248.9	249.0	249.1	249.2
117.5°	278.4	278.1	277.6	277.1	276.6	276.1	276.6	277.1	277.6	278.1	278.4
120°	306.9	306.6	306.1	305.6	305.1	304.6	305.1	305.6	306.1	306.6	306.9
122.5°	334.9	334.7	334.3	334.0	333.6	333.2	333.6	334.0	334.3	334.7	334.9
125°	362.4	362.3	362.2	362.1	361.9	361.8	361.9	362.1	362.2	362.3	362.4
127.5°	390.4	390.3	390.0	389.7	389.5	389.2	389.5	389.7	390.0	390.3	390.4
130°	417.8	417.7	417.4	417.2	416.9	416.7	416.9	417.2	417.4	417.7	417.8
132.5°	444.1	443.9	443.5	443.2	442.8	442.4	442.8	443.2	443.5	443.9	444.1
135°	471.5	471.3	470.8	470.3	469.8	469.3	469.8	470.3	470.8	471.3	471.5
137.5°	498.4	498.1	497.5	496.8	496.2	495.6	496.2	496.8	497.5	498.1	498.4
140°	523.6	523.3	522.6	522.0	521.3	520.7	521.3	522.0	522.6	523.3	523.6
142.5°	547.6	547.3	546.6	546.0	545.3	544.7	545.3	546.0	546.6	547.3	547.6
145°	570.4	570.2	569.8	569.5	569.1	568.7	569.1	569.5	569.8	570.2	570.4
147.5°	593.3	592.8	591.8	590.7	589.7	588.7	589.7	590.7	591.8	592.8	593.3
150°	612.7	612.6	612.3	612.1	611.8	611.6	611.8	612.1	612.3	612.6	612.7
152.5°	632.7	632.4	631.9	631.4	630.9	630.4	630.9	631.4	631.9	632.4	632.7
155°	651.0	650.7	650.1	649.4	648.8	648.2	648.8	649.4	650.1	650.7	651.0
157.5°	667.0	666.6	665.7	664.8	663.9	663.0	663.9	664.8	665.7	666.6	667.0
160°	681.3	681.0	680.4	679.7	679.1	678.5	679.1	679.7	680.4	681.0	681.3
162.5°	695.0	694.6	693.9	693.1	692.4	691.6	692.4	693.1	693.9	694.6	695.0
165°	706.5	706.1	705.3	704.6	703.8	703.0	703.8	704.6	705.3	706.1	706.5
167.5°	716.2	715.8	715.1	714.3	713.6	712.8	713.6	714.3	715.1	715.8	716.2
170°	724.2	723.8	722.9	722.0	721.1	720.2	721.1	722.0	722.9	723.8	724.2
172.5°	729.9	729.5	728.8	728.0	727.3	726.5	727.3	728.0	728.8	729.5	729.9
175°	733.9	733.5	732.6	731.7	730.8	729.9	730.8	731.7	732.6	733.5	733.9
177.5°	736.2	735.8	734.9	734.0	733.1	732.2	733.1	734.0	734.9	735.8	736.2
180°	734.5	734.5	734.5	734.5	734.5	734.5	734.5	734.5	734.5	734.5	734.5

TEST NUMBER: P1028115

CATALOG NUMBER: S125DIP-B610D610UB30-4F0-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°	11.7	11.0	10.4	9.7	9.1	8.2	7.3	6.4	5.5	5.1	4.6
92.5°	28.7	27.8	26.9	26.0	25.1	24.0	22.8	21.7	20.6	20.0	19.7
95°	47.6	46.7	45.8	44.9	44.0	42.7	41.5	40.2	38.9	38.3	38.2
97.5°	68.8	68.0	67.3	66.5	65.7	63.9	62.1	60.4	58.6	57.7	57.6
100°	92.0	90.9	89.8	88.6	87.5	85.8	84.2	82.5	80.8	80.0	80.0
102.5°	115.4	114.1	112.8	111.6	110.3	109.7	109.1	108.4	107.8	107.5	107.2
105°	139.6	138.9	138.1	137.4	136.6	135.8	135.1	134.3	133.6	133.2	132.9
107.5°	165.6	165.2	164.8	164.4	164.0	163.4	162.8	162.1	161.5	161.2	160.9
110°	193.6	193.2	192.8	192.4	192.0	191.6	191.2	190.9	190.5	190.3	190.0

TEST NUMBER: P1028115

CATALOG NUMBER: S125DIP-B610D610UB30-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
112.5°	221.1	221.0	220.9	220.7	220.6	220.1	219.6	219.1	218.6	218.3	218.2
115°	249.3	249.4	249.5	249.7	249.8	249.5	249.3	249.0	248.7	248.6	248.3
117.5°	278.3	278.2	278.1	277.9	277.8	277.5	277.3	277.0	276.7	276.6	276.5
120°	306.9	306.9	306.9	306.9	306.9	306.8	306.7	306.6	306.5	306.4	306.1
122.5°	335.0	335.1	335.2	335.4	335.5	335.1	334.7	334.4	334.0	333.8	333.7
125°	362.5	362.8	363.0	363.3	363.5	363.4	363.3	363.2	363.1	363.0	362.6
127.5°	390.5	390.6	390.7	390.9	391.0	390.9	390.7	390.6	390.5	390.4	390.2
130°	417.9	418.0	418.1	418.3	418.4	418.1	417.9	417.6	417.3	417.2	416.9
132.5°	444.2	444.3	444.4	444.6	444.7	444.8	445.0	445.1	445.2	445.3	444.7
135°	471.5	471.5	471.5	471.5	471.5	471.4	471.3	471.2	471.1	471.0	470.6
137.5°	498.3	498.2	498.1	497.9	497.8	497.6	497.3	497.1	496.8	496.7	496.3
140°	523.5	523.2	522.9	522.7	522.4	522.0	521.6	521.3	520.9	520.7	520.4
142.5°	547.5	547.4	547.3	547.1	547.0	546.5	546.0	545.5	545.0	544.7	544.4
145°	570.4	570.4	570.4	570.4	570.4	570.0	569.6	569.3	568.9	568.7	568.4
147.5°	593.1	592.7	592.4	592.0	591.6	591.3	591.1	590.8	590.5	590.4	590.2
150°	612.7	612.7	612.7	612.7	612.7	612.2	611.7	611.2	610.7	610.4	610.5
152.5°	632.5	632.1	631.8	631.4	631.0	630.9	630.7	630.6	630.5	630.4	630.3
155°	650.7	650.2	649.7	649.2	648.7	648.6	648.5	648.4	648.3	648.2	648.2
157.5°	666.7	666.2	665.7	665.2	664.7	664.6	664.5	664.4	664.3	664.2	664.3
160°	681.0	680.5	680.0	679.5	679.0	678.9	678.8	678.7	678.6	678.5	678.7
162.5°	694.7	694.1	693.4	692.8	692.2	692.2	692.2	692.2	692.2	692.2	692.3
165°	706.2	705.7	705.2	704.7	704.2	704.1	703.9	703.8	703.7	703.6	703.7
167.5°	715.8	715.1	714.3	713.6	712.8	712.8	712.8	712.8	712.8	712.8	713.0
170°	723.8	723.1	722.3	721.6	720.8	720.8	720.8	720.8	720.8	720.8	721.0
172.5°	729.5	728.8	728.0	727.3	726.5	726.5	726.5	726.5	726.5	726.5	726.8
175°	733.5	732.8	732.0	731.3	730.5	730.5	730.5	730.5	730.5	730.5	730.8
177.5°	735.8	735.1	734.3	733.6	732.8	732.9	733.0	733.1	733.2	733.3	733.6
180°	734.5	734.5	734.5	734.5	734.5	734.5	734.5	734.5	734.5	734.5	734.5

TEST NUMBER: P1028115

CATALOG NUMBER: S125DIP-B610D610UB30-4F0-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°	3.6	2.6	1.6	0.6
92.5°	19.0	18.4	17.7	17.1
95°	37.9	37.7	37.4	37.2
97.5°	57.5	57.4	57.3	57.2
100°	80.0	80.0	80.0	80.0
102.5°	106.5	105.9	105.2	104.6
105°	132.2	131.6	130.9	130.3
107.5°	160.2	159.6	158.9	158.3
110°	189.4	188.7	188.1	187.5

TEST NUMBER: P1028115

CATALOG NUMBER: S125DIP-B610D610UB30-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
112.5°	217.9	217.7	217.4	217.2
115°	247.8	247.3	246.8	246.3
117.5°	276.4	276.3	276.2	276.1
120°	305.4	304.8	304.1	303.5
122.5°	333.6	333.5	333.3	333.2
125°	361.8	361.1	360.3	359.5
127.5°	389.8	389.5	389.1	388.7
130°	416.3	415.6	415.0	414.4
132.5°	443.6	442.4	441.3	440.1
135°	469.8	469.1	468.3	467.5
137.5°	495.6	494.8	494.1	493.3
140°	519.7	519.1	518.4	517.8
142.5°	543.9	543.4	542.9	542.4
145°	567.9	567.4	566.9	566.4
147.5°	589.8	589.5	589.1	588.7
150°	610.6	610.7	610.9	611.0
152.5°	630.0	629.8	629.5	629.3
155°	648.2	648.2	648.2	648.2
157.5°	664.6	664.8	665.1	665.3
160°	679.1	679.4	679.8	680.2
162.5°	692.6	692.8	693.1	693.3
165°	704.0	704.3	704.5	704.8
167.5°	713.5	714.0	714.5	715.0
170°	721.5	722.0	722.5	723.0
172.5°	727.3	727.8	728.3	728.8
175°	731.3	731.8	732.3	732.8
177.5°	734.1	734.6	735.1	735.6
180°	734.5	734.5	734.5	734.5

(END OF REPORT)