

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: P1011695

Luminaire Tested: S123DIP-B560D1025UB35-4F0-XX-W2A-A1

Issue Date: 5/7/2025

Test Information

Test Method: LM-79-2019
Report Number: P1011695
REPORT IS A COMBINATION OF REPORTS P989953 AND P1007351
Test Lab: INNOVATION CENTER
Issue Date: 5/7/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: NEO-RAY
Catalog Number: S123DIP-B560D1025UB35-4F0-XX-W2A-A1
Description: Define 3 Direct/Indirect Pendant with 3500K BioUP LEDs {m-DER=0.721} {m-EER=0.792}
Light Source: -
Ballast/Driver: -

Summary

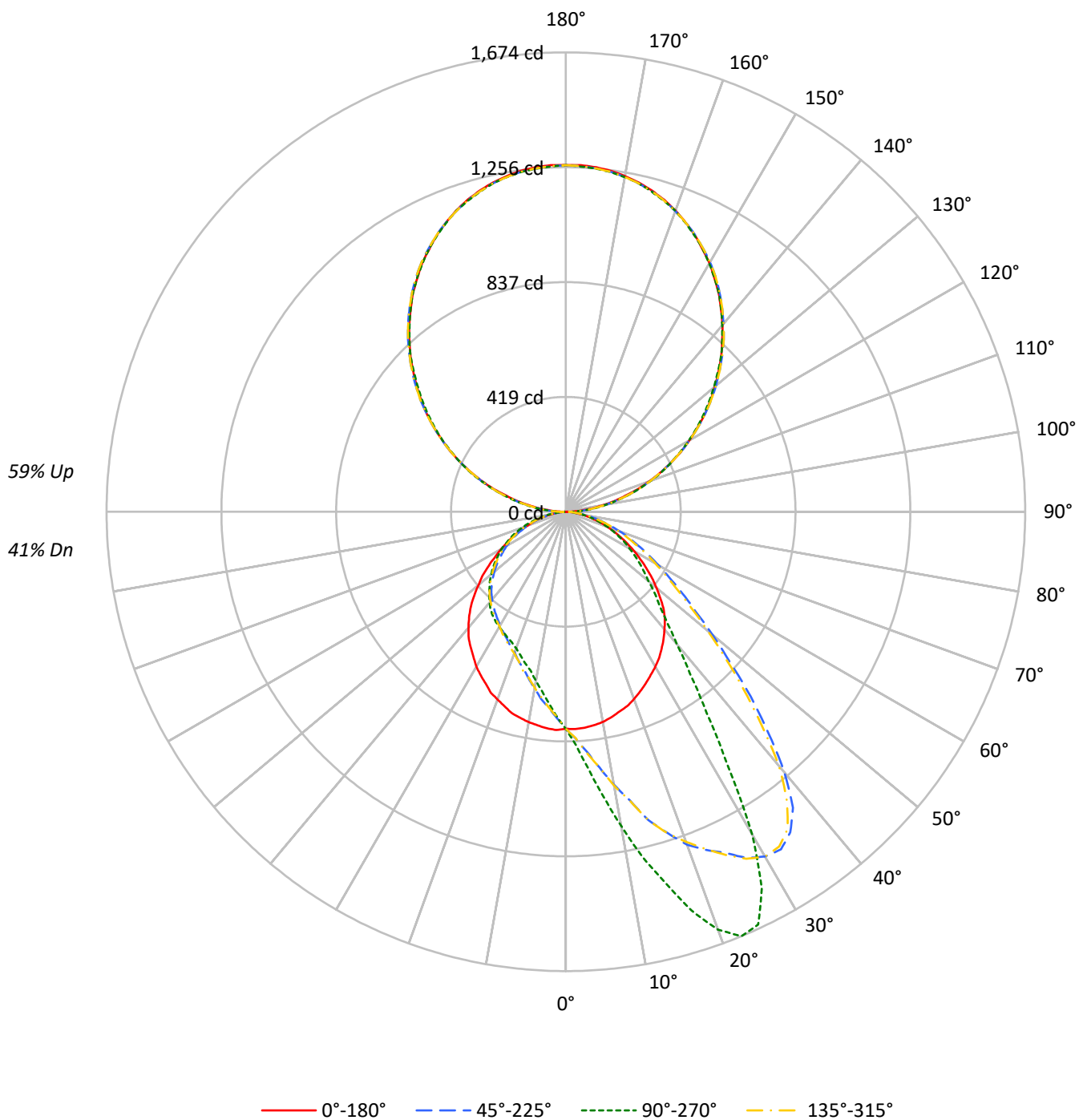
Lumens per Lamp: N/A
Luminaire Lumens: 5889.0 lumens
Efficiency: N/A
Efficacy: 112.2 lumens/watt
Spacing Criteria (0/90/45): 1.23 / 1.37 / 1.5
Luminous Opening: Rectangular w/ Sides (W: 0.25' x L: 4' x H: 0.1')
CIE Type: General Diffuse

Input Watts (W): 52.5
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	105	105	105	105	96	96	96	96	78	78	78	62	62	62	47	47	47
1	96	92	88	85	87	84	81	78	69	67	64	55	53	52	42	41	40
2	87	80	74	69	79	73	68	64	60	57	54	48	46	44	37	36	34
3	80	71	64	58	73	65	59	54	53	49	45	43	40	37	33	31	29
4	73	63	55	49	66	57	51	46	48	43	39	38	35	32	30	28	26
5	67	56	48	42	61	51	44	39	43	37	33	35	31	28	27	24	22
6	62	50	42	36	56	46	39	34	38	33	29	31	27	24	24	22	20
7	57	45	37	32	52	42	35	30	35	29	26	28	24	22	22	20	18
8	53	41	33	28	48	38	31	26	32	26	23	26	22	19	21	18	16
9	49	37	30	25	45	34	28	23	29	24	20	24	20	17	19	16	14
10	46	34	27	22	42	32	25	21	27	22	18	22	18	16	18	15	13

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	8509	8509	8509	8509
5°	8515	9805	8540	7317
10°	8461	11865	8469	6390
15°	8344	14071	8412	5752
20°	8243	16200	8260	5292
25°	8093	16608	8112	5053
30°	7987	13721	7987	4896
35°	7854	9177	7805	4758
40°	7696	6625	7601	4545
45°	7497	5247	7282	4281
50°	7013	4457	6765	4022
55°	6481	3916	6219	3732
60°	5943	3409	5627	3429
65°	5352	2920	5093	3024
70°	4738	2423	4420	2550
75°	4051	1827	3789	1969
80°	3203	1219	2953	1293
85°	2209	561	1767	510

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 35°

Vertical Angle: 45°

Luminance: 13723 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	77.7	1.3
10°-20°	249.7	4.2
20°-30°	420.2	7.1
30°-40°	474.8	8.1
40°-50°	425.3	7.2
50°-60°	343.3	5.8
60°-70°	239.2	4.1
70°-80°	125.6	2.1
80°-90°	32.8	0.6
90°-100°	81.3	1.4
100°-110°	246.1	4.2
110°-120°	419.0	7.1
120°-130°	551.2	9.4
130°-140°	619.6	10.5
140°-150°	609.2	10.3
150°-160°	512.8	8.7
160°-170°	341.4	5.8
170°-180°	119.6	2.0
0°-30°	747.6	12.7
0°-40°	1222.5	20.8
0°-60°	1991.1	33.8
0°-90°	2388.7	40.6
90°-120°	746.5	12.7
90°-150°	2526.5	42.9
90°-180°	3500.0	59.4
0°-180°	5889.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	790	790	790	790	790	
5°	790	939	792	701	790	75
15°	754	1398	760	572	754	213
25°	689	1659	691	505	689	318
35°	608	894	604	464	608	381
45°	505	483	490	394	505	386
55°	358	328	343	312	358	320
65°	221	213	211	221	221	220
75°	106	110	100	118	106	114
85°	23	25	18	23	23	26
90°	1	30	1	30	1	6
95°	58	77	58	77	58	65
105°	223	236	223	236	223	239
115°	422	423	422	423	422	417
125°	617	610	617	610	617	550
135°	801	800	801	800	801	617
145°	972	972	972	972	972	607
155°	1112	1110	1112	1110	1112	512
165°	1212	1208	1212	1208	1212	342
175°	1260	1255	1260	1255	1260	120
180°	1263	1263	1263	1263	1263	

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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	790.5	790.5	790.5	790.5	790.5	790.5	790.5	790.5	790.5	790.5	790.5
2.5°	792.8	799.0	802.0	806.6	811.2	818.1	820.4	824.3	822.7	825.8	827.3
5°	789.8	800.5	809.7	821.2	831.9	839.6	847.2	859.5	868.7	870.2	877.1
7.5°	784.4	799.7	815.8	831.9	852.6	864.9	878.6	895.5	909.3	931.5	939.9
10°	777.5	799.0	822.0	844.2	872.5	891.7	908.5	936.9	965.2	988.2	1009.6
12.5°	766.8	793.6	823.5	856.4	893.2	915.4	938.4	975.9	1018.8	1054.1	1077.0
15°	753.8	787.5	825.8	861.0	901.6	943.0	967.5	1009.6	1070.9	1103.9	1162.8
17.5°	743.1	777.5	815.8	871.0	926.1	967.5	985.1	1062.5	1104.6	1159.8	1226.4
20°	726.2	769.9	818.9	874.0	945.3	970.6	1006.6	1084.7	1136.8	1208.8	1290.8
22.5°	708.6	755.3	814.3	871.7	951.4	978.2	1027.3	1089.3	1172.0	1243.3	1333.7
25°	689.4	740.0	799.7	867.9	946.1	985.1	1031.1	1107.7	1197.3	1286.9	1370.4
27.5°	670.3	725.4	787.5	855.7	931.5	977.5	1023.4	1103.1	1218.0	1315.3	1421.8
30°	651.9	707.0	769.1	838.8	918.5	962.9	1006.6	1106.2	1234.1	1343.6	1450.9
32.5°	632.0	688.7	753.8	812.0	892.4	939.9	989.0	1106.2	1244.0	1360.5	1458.5
35°	608.2	666.5	722.4	780.6	860.3	913.1	968.3	1098.5	1253.2	1365.8	1426.4
37.5°	585.3	636.6	684.8	741.5	825.0	881.7	945.3	1089.3	1248.6	1342.9	1359.7
40°	559.2	610.5	649.6	702.5	790.5	856.4	920.8	1077.0	1228.7	1288.5	1239.4
42.5°	533.9	574.5	608.2	659.6	755.3	819.7	889.4	1054.8	1189.7	1201.9	1091.6
45°	504.8	533.9	563.8	622.0	717.0	782.9	860.3	1022.7	1126.8	1091.6	952.2
47.5°	467.3	493.3	526.3	579.9	676.4	744.6	818.1	981.3	1035.7	962.1	809.7
50°	431.3	453.5	484.1	536.2	633.5	700.2	778.3	916.2	943.0	827.3	697.9
52.5°	395.3	412.1	442.0	494.1	591.4	655.7	727.0	849.5	834.2	710.1	595.2
55°	357.7	372.3	400.6	452.0	542.4	603.6	671.8	767.6	727.7	609.8	517.8
57.5°	321.0	336.3	365.4	408.3	493.3	553.1	607.5	682.5	622.8	528.6	447.4
60°	288.0	301.1	323.3	365.4	442.8	491.0	540.8	592.1	542.4	451.2	389.1
62.5°	253.6	265.8	286.5	324.8	391.4	434.3	474.2	516.3	461.2	394.5	339.4
65°	221.4	231.3	250.5	285.7	340.1	375.4	407.5	436.6	392.2	330.9	289.6
67.5°	192.3	200.7	216.8	248.2	294.2	319.4	345.5	370.0	332.5	283.4	248.2
70°	160.9	167.8	182.3	205.3	242.1	268.1	287.3	305.6	271.9	232.9	209.1
72.5°	133.3	140.2	149.4	173.1	198.4	214.5	235.2	245.1	226.0	193.8	170.1
75°	106.5	111.8	120.3	135.6	159.3	170.1	183.1	190.7	173.1	151.7	137.1
77.5°	83.5	85.8	91.9	102.6	118.7	131.0	141.0	145.5	133.3	119.5	107.2
80°	59.0	62.0	66.6	75.8	88.1	91.9	98.1	103.4	95.8	83.5	75.8
82.5°	39.1	42.9	45.2	49.0	56.7	61.3	62.8	67.4	60.5	55.9	52.9
85°	23.0	24.5	25.3	27.6	31.4	33.7	36.0	36.8	35.2	34.5	31.4
87.5°	11.5	11.5	11.5	13.0	13.8	15.3	16.1	16.1	16.1	15.3	14.6
90°	1.0	3.2	5.4	7.6	9.8	10.9	12.3	15.2	18.1	20.9	23.8
92.5°	29.8	31.1	32.4	33.7	35.0	35.7	36.4	37.7	39.0	40.4	41.7
95°	58.5	60.1	61.6	63.2	64.7	65.5	66.4	68.1	69.9	71.6	73.4
97.5°	96.3	97.4	98.5	99.6	100.7	101.2	101.9	103.2	104.5	105.9	107.2
100°	135.0	136.3	137.6	138.9	140.2	140.9	141.5	142.6	143.7	144.8	145.9
102.5°	179.6	180.3	180.9	181.6	182.3	182.6	183.4	184.9	186.4	188.0	189.5
105°	223.3	223.7	224.2	224.6	225.1	225.3	226.3	228.3	230.2	232.2	234.2
107.5°	274.9	275.1	275.3	275.6	275.8	275.9	276.3	277.2	278.1	278.9	279.8
110°	322.5	322.9	323.4	323.8	324.3	324.5	324.7	325.2	325.6	326.1	326.5

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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	372.1	372.3	372.5	372.8	373.0	373.1	373.1	373.1	373.1	373.1	373.1
115°	421.8	422.4	423.1	423.7	424.4	424.7	424.5	424.0	423.6	423.1	422.7
117.5°	472.4	472.6	472.8	473.1	473.3	473.4	473.2	472.7	472.3	471.8	471.4
120°	519.0	520.3	521.7	523.0	524.3	525.0	524.4	523.3	522.2	521.1	520.0
122.5°	567.6	568.5	569.4	570.3	571.2	571.6	571.4	570.9	570.5	570.0	569.6
125°	617.3	617.9	618.6	619.2	619.9	620.2	620.0	619.5	619.1	618.6	618.2
127.5°	662.9	664.2	665.6	666.9	668.2	668.9	668.7	668.2	667.8	667.3	666.9
130°	708.6	710.4	712.1	713.9	715.6	716.5	716.2	715.5	714.8	714.2	713.5
132.5°	754.2	756.0	757.7	759.5	761.2	762.1	761.9	761.5	761.0	760.6	760.2
135°	800.8	802.1	803.5	804.8	806.1	806.8	806.7	806.5	806.2	806.0	805.8
137.5°	843.5	844.6	845.7	846.8	847.9	848.5	848.8	849.5	850.2	850.8	851.5
140°	888.2	889.3	890.4	891.5	892.6	893.1	893.2	893.4	893.7	893.9	894.1
142.5°	928.9	930.0	931.1	932.2	933.3	933.8	934.0	934.5	934.9	935.4	935.8
145°	971.5	971.9	972.4	972.8	973.3	973.5	973.8	974.5	975.2	975.8	976.5
147.5°	1008.2	1009.1	1010.0	1010.9	1011.8	1012.2	1012.5	1013.2	1013.9	1014.5	1015.2
150°	1046.9	1047.3	1047.8	1048.2	1048.7	1048.9	1049.1	1049.6	1050.0	1050.5	1050.9
152.5°	1078.7	1079.4	1080.0	1080.7	1081.4	1081.7	1081.8	1082.0	1082.3	1082.5	1082.7
155°	1112.4	1112.4	1112.4	1112.4	1112.4	1112.4	1112.5	1112.7	1113.0	1113.2	1113.4
157.5°	1141.2	1141.0	1140.8	1140.5	1140.3	1140.2	1140.3	1140.5	1140.8	1141.0	1141.2
160°	1168.0	1167.6	1167.1	1166.7	1166.2	1166.0	1166.0	1166.0	1166.0	1166.0	1166.0
162.5°	1191.8	1191.2	1190.5	1189.9	1189.2	1188.9	1189.0	1189.2	1189.4	1189.6	1189.8
165°	1211.7	1211.0	1210.4	1209.7	1209.0	1208.7	1208.7	1208.7	1208.7	1208.7	1208.7
167.5°	1228.6	1227.7	1226.8	1225.9	1225.0	1224.6	1224.7	1224.9	1225.2	1225.4	1225.6
170°	1242.4	1241.5	1240.7	1239.8	1238.9	1238.5	1238.5	1238.5	1238.5	1238.5	1238.5
172.5°	1253.4	1252.5	1251.6	1250.7	1249.8	1249.4	1249.4	1249.4	1249.4	1249.4	1249.4
175°	1260.3	1259.4	1258.5	1257.6	1256.7	1256.3	1256.3	1256.3	1256.3	1256.3	1256.3
177.5°	1264.3	1263.4	1262.5	1261.6	1260.7	1260.3	1260.3	1260.3	1260.3	1260.3	1260.3
180°	1263.3	1263.3	1263.3	1263.3	1263.3	1263.3	1263.3	1263.3	1263.3	1263.3	1263.3

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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	790.5	790.5	790.5	790.5	790.5	790.5	790.5	790.5	790.5	790.5	790.5
2.5°	832.7	834.2	839.6	843.4	851.1	850.3	850.3	849.5	847.2	851.1	853.4
5°	890.9	903.9	905.5	922.3	923.1	930.0	934.6	930.7	939.9	939.2	932.3
7.5°	962.9	980.5	989.0	1005.0	1023.4	1018.8	1036.4	1039.5	1038.0	1045.6	1051.0
10°	1041.8	1072.4	1093.9	1123.8	1131.4	1136.0	1147.5	1157.5	1177.4	1162.1	1172.0
12.5°	1132.2	1154.4	1182.8	1230.3	1254.0	1269.3	1274.7	1281.6	1295.4	1286.9	1287.7
15°	1208.0	1237.9	1286.2	1345.2	1352.1	1371.2	1366.6	1408.0	1427.9	1398.0	1414.9
17.5°	1286.9	1326.8	1384.2	1435.5	1464.7	1477.7	1489.9	1529.8	1528.2	1523.6	1527.5
20°	1337.5	1402.6	1473.9	1542.0	1550.5	1560.4	1593.4	1610.2	1607.1	1620.2	1628.6
22.5°	1408.7	1477.7	1553.5	1598.7	1617.9	1629.4	1655.4	1666.1	1670.7	1673.8	1668.4
25°	1468.5	1542.0	1597.9	1637.8	1649.3	1655.4	1663.8	1666.9	1664.6	1659.2	1663.8
27.5°	1509.1	1568.1	1606.4	1624.8	1618.6	1608.7	1592.6	1581.9	1558.1	1546.6	1560.4
30°	1525.9	1552.0	1563.5	1532.8	1502.2	1477.7	1447.0	1390.4	1345.9	1358.9	1341.3
32.5°	1499.1	1482.3	1427.1	1348.2	1324.5	1284.6	1198.1	1131.4	1133.7	1098.5	1113.0
35°	1420.2	1343.6	1239.4	1119.9	1088.5	1067.1	972.1	957.5	926.9	894.0	903.2
37.5°	1280.8	1169.0	1042.6	954.5	907.8	861.0	807.4	775.2	756.8	743.1	753.8
40°	1110.8	974.4	870.2	791.3	751.5	721.6	684.8	652.7	632.0	629.7	633.5
42.5°	943.8	828.8	733.1	658.0	645.0	609.8	586.0	560.7	554.6	544.7	550.0
45°	799.0	705.5	626.6	565.3	550.0	540.8	511.7	495.6	488.7	482.6	491.8
47.5°	694.0	596.0	538.5	501.8	486.4	471.1	455.0	444.3	438.9	439.7	438.9
50°	592.9	520.9	470.3	442.0	432.8	422.1	409.1	402.2	399.9	393.0	398.3
52.5°	510.2	458.1	422.9	396.0	389.1	381.5	370.8	366.9	361.6	360.0	360.0
55°	443.5	402.9	374.6	357.0	348.5	342.4	336.3	331.7	327.9	327.9	327.9
57.5°	391.4	356.2	335.5	320.2	317.1	311.0	304.1	304.1	298.8	298.0	300.3
60°	347.0	315.6	299.5	286.5	281.9	280.4	273.5	273.5	271.9	268.1	271.2
62.5°	301.8	278.8	265.0	255.1	250.5	250.5	245.1	241.3	241.3	242.1	240.5
65°	260.5	243.6	231.3	223.7	221.4	218.3	217.6	214.5	212.2	213.0	212.2
67.5°	223.7	210.7	202.2	196.1	192.3	190.7	188.4	188.4	186.9	187.7	183.8
70°	190.7	177.7	170.8	164.7	163.2	163.2	160.1	160.9	159.3	161.6	160.1
72.5°	157.0	147.1	141.7	139.4	137.9	137.1	135.6	134.1	133.3	134.8	134.1
75°	127.2	118.7	114.9	113.4	111.8	111.8	111.1	110.3	109.5	109.5	109.5
77.5°	98.8	93.5	88.9	90.4	88.1	88.9	86.6	86.6	87.3	86.6	86.6
80°	72.8	68.9	68.9	67.4	64.3	65.9	65.9	63.6	62.8	64.3	62.0
82.5°	48.3	47.5	46.0	45.2	43.7	44.4	43.7	42.9	42.1	43.7	42.1
85°	28.3	28.3	27.6	26.0	27.6	26.8	26.0	26.0	25.3	25.3	25.3
87.5°	14.6	13.0	13.0	12.3	13.0	11.5	12.3	11.5	10.7	11.5	10.7
90°	24.7	25.6	26.5	27.4	27.8	28.0	28.5	28.9	29.4	29.8	29.4
92.5°	42.4	43.0	43.7	44.4	44.7	44.5	44.0	43.6	43.1	42.7	43.1
95°	74.3	75.2	76.1	77.0	77.4	77.4	77.4	77.4	77.4	77.4	77.4
97.5°	108.3	109.4	110.5	111.6	112.1	112.0	111.8	111.5	111.3	111.1	111.3
100°	146.6	147.2	147.9	148.6	148.9	149.1	149.5	150.0	150.4	150.8	150.4
102.5°	190.2	190.8	191.5	192.2	192.5	192.4	192.2	191.9	191.7	191.5	191.7
105°	234.2	234.2	234.2	234.2	234.2	234.4	234.9	235.3	235.8	236.2	235.8
107.5°	280.5	281.1	281.8	282.5	282.8	282.7	282.5	282.2	282.0	281.8	282.0
110°	327.4	328.3	329.2	330.1	330.5	330.3	329.8	329.4	328.9	328.5	328.9

TEST NUMBER: P1011695

CATALOG NUMBER: S123DIP-B560D1025UB35-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	374.2	375.3	376.4	377.5	378.1	378.1	378.1	378.1	378.1	378.1	378.1
115°	422.9	423.1	423.4	423.6	423.7	423.6	423.4	423.1	422.9	422.7	422.9
117.5°	471.4	471.4	471.4	471.4	471.4	471.1	470.4	469.7	469.1	468.4	469.1
120°	519.8	519.6	519.3	519.1	519.0	518.8	518.3	517.9	517.4	517.0	517.4
122.5°	568.9	568.3	567.6	566.9	566.6	566.3	565.6	565.0	564.3	563.7	564.3
125°	617.3	616.5	615.6	614.7	614.3	613.9	613.0	612.1	611.2	610.3	611.2
127.5°	665.6	664.2	662.9	661.6	660.9	660.5	659.6	658.7	657.8	656.9	657.8
130°	712.6	711.7	710.8	709.9	709.5	708.7	707.2	705.7	704.1	702.6	704.1
132.5°	759.1	758.0	756.9	755.8	755.2	754.6	753.5	752.4	751.3	750.2	751.3
135°	804.9	804.0	803.1	802.2	801.8	801.6	801.1	800.7	800.2	799.8	800.2
137.5°	850.4	849.3	848.2	847.1	846.5	846.2	845.5	844.8	844.2	843.5	844.2
140°	893.9	893.7	893.4	893.2	893.1	892.3	890.8	889.3	887.7	886.2	887.7
142.5°	935.6	935.4	935.1	934.9	934.8	934.2	933.1	932.0	930.9	929.8	930.9
145°	976.3	976.1	975.8	975.6	975.5	975.1	974.2	973.3	972.4	971.5	972.4
147.5°	1015.2	1015.2	1015.2	1015.2	1015.2	1014.5	1013.2	1011.9	1010.5	1009.2	1010.5
150°	1050.9	1050.9	1050.9	1050.9	1050.9	1050.2	1048.9	1047.6	1046.3	1045.0	1046.3
152.5°	1083.1	1083.6	1084.0	1084.5	1084.7	1084.1	1083.0	1081.9	1080.8	1079.7	1080.8
155°	1114.3	1115.2	1116.1	1117.0	1117.4	1116.6	1115.1	1113.6	1112.0	1110.5	1112.0
157.5°	1142.1	1143.0	1143.9	1144.8	1145.2	1144.5	1143.2	1141.9	1140.5	1139.2	1140.5
160°	1167.1	1168.2	1169.3	1170.4	1171.0	1170.6	1169.7	1168.8	1167.9	1167.0	1167.9
162.5°	1190.9	1192.0	1193.1	1194.2	1194.8	1194.0	1192.5	1191.0	1189.4	1187.9	1189.4
165°	1210.0	1211.4	1212.7	1214.0	1214.7	1213.9	1212.4	1210.8	1209.3	1207.7	1209.3
167.5°	1226.9	1228.2	1229.5	1230.8	1231.5	1230.8	1229.5	1228.2	1226.9	1225.6	1226.9
170°	1240.0	1241.6	1243.1	1244.6	1245.4	1244.6	1243.1	1241.6	1240.0	1238.5	1240.0
172.5°	1250.7	1252.0	1253.3	1254.6	1255.3	1254.5	1253.0	1251.5	1249.9	1248.4	1249.9
175°	1257.6	1259.0	1260.3	1261.6	1262.3	1261.5	1260.0	1258.4	1256.9	1255.3	1256.9
177.5°	1261.6	1263.0	1264.3	1265.6	1266.3	1265.5	1264.0	1262.4	1260.9	1259.3	1260.9
180°	1263.3	1263.3	1263.3	1263.3	1263.3	1263.3	1263.3	1263.3	1263.3	1263.3	1263.3

TEST NUMBER: P1011695

CATALOG NUMBER: S123DIP-B560D1025UB35-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	790.5	790.5	790.5	790.5	790.5	790.5	790.5	790.5	790.5	790.5	790.5
2.5°	847.2	849.5	843.4	841.9	841.9	844.9	842.6	822.0	825.8	821.2	819.7
5°	940.7	936.1	930.0	926.9	923.1	912.3	911.6	887.8	883.2	867.9	861.0
7.5°	1043.3	1039.5	1021.1	1018.8	1017.3	1007.3	982.1	956.8	938.4	920.8	903.9
10°	1160.5	1149.1	1140.6	1123.8	1115.3	1101.6	1068.6	1044.9	1013.5	986.7	951.4
12.5°	1301.5	1288.5	1260.1	1247.9	1237.1	1198.8	1165.9	1139.1	1077.8	1059.4	1015.8
15°	1404.9	1377.3	1374.3	1347.5	1345.9	1303.8	1241.0	1211.9	1164.4	1097.0	1051.8
17.5°	1516.7	1492.2	1473.1	1440.9	1436.3	1396.5	1350.5	1279.3	1227.2	1162.8	1105.4
20°	1598.7	1585.7	1552.8	1539.7	1512.9	1479.2	1431.7	1343.6	1280.0	1215.7	1145.2
22.5°	1663.8	1650.8	1624.8	1607.1	1591.8	1548.2	1491.5	1416.4	1329.1	1244.8	1172.0
25°	1663.1	1659.2	1648.5	1640.1	1628.6	1596.4	1548.9	1476.9	1379.6	1286.9	1185.8
27.5°	1568.8	1579.6	1597.9	1607.1	1604.8	1600.2	1573.4	1512.9	1425.6	1315.3	1201.9
30°	1372.7	1411.8	1446.3	1492.2	1506.0	1539.7	1555.1	1520.6	1450.9	1348.2	1222.6
32.5°	1138.3	1195.0	1270.1	1295.4	1339.0	1404.1	1476.9	1489.9	1446.3	1367.4	1235.6
35°	933.8	980.5	1038.7	1078.6	1117.6	1223.4	1315.3	1394.9	1409.5	1357.4	1232.5
37.5°	772.9	805.9	857.2	890.9	926.9	1017.3	1146.0	1249.4	1322.2	1323.7	1224.1
40°	656.5	671.0	715.5	740.0	774.5	852.6	967.5	1102.3	1208.8	1257.8	1201.9
42.5°	556.1	575.3	612.1	630.4	652.7	720.8	796.7	924.6	1056.4	1161.3	1160.5
45°	496.4	510.2	527.0	542.4	567.6	608.2	694.8	790.5	916.9	1035.7	1082.4
47.5°	443.5	456.6	473.4	478.0	494.9	533.2	586.0	669.5	787.5	905.5	993.5
50°	399.1	409.8	421.3	429.7	437.4	468.8	508.6	579.1	673.3	787.5	897.0
52.5°	364.6	372.3	382.3	386.8	393.7	416.7	447.4	499.5	576.8	681.0	787.5
55°	332.5	337.8	343.9	351.6	354.7	371.5	395.3	439.7	497.2	590.6	691.7
57.5°	302.6	304.9	308.7	313.3	317.1	331.7	352.4	382.3	432.8	504.8	600.6
60°	268.9	275.0	277.3	281.9	284.2	295.7	311.8	337.1	376.1	438.2	510.2
62.5°	240.5	244.4	248.2	250.5	255.9	259.7	272.7	295.7	327.9	373.8	438.9
65°	215.3	216.8	219.1	221.4	222.9	227.5	239.8	255.1	279.6	320.2	370.8
67.5°	186.1	187.7	190.7	191.5	193.0	199.2	206.1	219.1	239.8	270.4	311.8
70°	157.8	160.1	161.6	163.2	165.5	167.8	175.4	186.1	202.2	223.7	255.9
72.5°	133.3	135.6	135.6	137.1	136.4	139.4	147.1	154.7	165.5	183.1	211.4
75°	108.8	108.8	110.3	111.1	111.8	114.9	118.0	124.1	132.5	146.3	163.9
77.5°	85.8	85.0	86.6	86.6	86.6	88.9	91.9	95.0	100.4	110.3	124.1
80°	62.8	62.8	64.3	65.1	63.6	64.3	65.9	68.9	72.8	79.7	87.3
82.5°	41.4	44.4	43.7	44.4	43.7	45.2	46.0	46.7	48.3	51.3	56.7
85°	25.3	25.3	25.3	26.0	25.3	26.0	26.0	26.0	26.8	28.3	30.6
87.5°	10.7	10.7	10.7	11.5	10.7	10.7	11.5	10.7	11.5	11.5	12.3
90°	28.9	28.5	28.0	27.8	27.4	26.5	25.6	24.7	23.8	20.9	18.1
92.5°	43.6	44.0	44.5	44.7	44.4	43.7	43.0	42.4	41.7	40.4	39.0
95°	77.4	77.4	77.4	77.4	77.0	76.1	75.2	74.3	73.4	71.6	69.9
97.5°	111.5	111.8	112.0	112.1	111.6	110.5	109.4	108.3	107.2	105.9	104.5
100°	150.0	149.5	149.1	148.9	148.6	147.9	147.2	146.6	145.9	144.8	143.7
102.5°	191.9	192.2	192.4	192.5	192.2	191.5	190.8	190.2	189.5	188.0	186.4
105°	235.3	234.9	234.4	234.2	234.2	234.2	234.2	234.2	234.2	232.2	230.2
107.5°	282.2	282.5	282.7	282.8	282.5	281.8	281.1	280.5	279.8	278.9	278.1
110°	329.4	329.8	330.3	330.5	330.1	329.2	328.3	327.4	326.5	326.1	325.6

TEST NUMBER: P1011695

CATALOG NUMBER: S123DIP-B560D1025UB35-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	378.1	378.1	378.1	378.1	377.5	376.4	375.3	374.2	373.1	373.1	373.1
115°	423.1	423.4	423.6	423.7	423.6	423.4	423.1	422.9	422.7	423.1	423.6
117.5°	469.7	470.4	471.1	471.4	471.4	471.4	471.4	471.4	471.4	471.8	472.3
120°	517.9	518.3	518.8	519.0	519.1	519.3	519.6	519.8	520.0	521.1	522.2
122.5°	565.0	565.6	566.3	566.6	566.9	567.6	568.3	568.9	569.6	570.0	570.5
125°	612.1	613.0	613.9	614.3	614.7	615.6	616.5	617.3	618.2	618.6	619.1
127.5°	658.7	659.6	660.5	660.9	661.6	662.9	664.2	665.6	666.9	667.3	667.8
130°	705.7	707.2	708.7	709.5	709.9	710.8	711.7	712.6	713.5	714.2	714.8
132.5°	752.4	753.5	754.6	755.2	755.8	756.9	758.0	759.1	760.2	760.6	761.0
135°	800.7	801.1	801.6	801.8	802.2	803.1	804.0	804.9	805.8	806.0	806.2
137.5°	844.8	845.5	846.2	846.5	847.1	848.2	849.3	850.4	851.5	850.8	850.2
140°	889.3	890.8	892.3	893.1	893.2	893.4	893.7	893.9	894.1	893.9	893.7
142.5°	932.0	933.1	934.2	934.8	934.9	935.1	935.4	935.6	935.8	935.4	934.9
145°	973.3	974.2	975.1	975.5	975.6	975.8	976.1	976.3	976.5	975.8	975.2
147.5°	1011.9	1013.2	1014.5	1015.2	1015.2	1015.2	1015.2	1015.2	1015.2	1014.5	1013.9
150°	1047.6	1048.9	1050.2	1050.9	1050.9	1050.9	1050.9	1050.9	1050.9	1050.5	1050.0
152.5°	1081.9	1083.0	1084.1	1084.7	1084.5	1084.0	1083.6	1083.1	1082.7	1082.5	1082.3
155°	1113.6	1115.1	1116.6	1117.4	1117.0	1116.1	1115.2	1114.3	1113.4	1113.2	1113.0
157.5°	1141.9	1143.2	1144.5	1145.2	1144.8	1143.9	1143.0	1142.1	1141.2	1141.0	1140.8
160°	1168.8	1169.7	1170.6	1171.0	1170.4	1169.3	1168.2	1167.1	1166.0	1166.0	1166.0
162.5°	1191.0	1192.5	1194.0	1194.8	1194.2	1193.1	1192.0	1190.9	1189.8	1189.6	1189.4
165°	1210.8	1212.4	1213.9	1214.7	1214.0	1212.7	1211.4	1210.0	1208.7	1208.7	1208.7
167.5°	1228.2	1229.5	1230.8	1231.5	1230.8	1229.5	1228.2	1226.9	1225.6	1225.4	1225.2
170°	1241.6	1243.1	1244.6	1245.4	1244.6	1243.1	1241.6	1240.0	1238.5	1238.5	1238.5
172.5°	1251.5	1253.0	1254.5	1255.3	1254.6	1253.3	1252.0	1250.7	1249.4	1249.4	1249.4
175°	1258.4	1260.0	1261.5	1262.3	1261.6	1260.3	1259.0	1257.6	1256.3	1256.3	1256.3
177.5°	1262.4	1264.0	1265.5	1266.3	1265.6	1264.3	1263.0	1261.6	1260.3	1260.3	1260.3
180°	1263.3	1263.3	1263.3	1263.3	1263.3	1263.3	1263.3	1263.3	1263.3	1263.3	1263.3

TEST NUMBER: P1011695

CATALOG NUMBER: S123DIP-B560D1025UB35-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
0°	790.5	790.5	790.5	790.5	790.5	790.5	790.5	790.5	790.5	790.5	790.5
2.5°	812.0	809.7	809.7	808.2	803.6	795.1	794.4	795.9	791.3	786.7	779.8
5°	851.8	837.3	832.7	828.1	818.9	803.6	797.4	792.1	783.7	773.7	763.0
7.5°	885.5	864.9	858.7	850.3	831.9	810.5	796.7	785.2	773.7	759.9	746.9
10°	927.7	897.8	883.2	871.0	845.7	815.8	795.1	778.3	759.9	743.1	726.2
12.5°	975.2	926.9	922.3	892.4	863.3	818.9	793.6	769.1	744.6	723.9	706.3
15°	1015.0	962.1	943.0	923.1	867.2	812.0	787.5	759.9	731.6	709.3	683.3
17.5°	1040.3	996.6	956.0	929.2	871.0	822.0	774.5	743.1	713.2	682.5	661.1
20°	1070.9	1007.3	972.1	936.1	878.6	814.3	766.8	727.7	691.0	663.4	637.3
22.5°	1101.6	1015.8	986.7	947.6	880.2	806.6	753.0	713.9	671.8	644.2	615.9
25°	1098.5	1028.0	979.8	946.8	864.9	799.7	736.9	691.0	651.9	616.7	588.3
27.5°	1100.8	1014.2	965.2	926.9	854.1	789.8	720.1	671.8	631.2	594.4	564.6
30°	1101.6	993.5	950.6	904.7	834.2	766.0	700.9	651.9	609.0	569.2	542.4
32.5°	1099.3	976.7	923.1	881.7	802.8	743.1	678.7	626.6	583.0	546.2	520.9
35°	1093.9	956.8	894.7	842.6	770.6	710.1	658.0	604.4	557.7	524.0	494.9
37.5°	1079.3	935.3	864.9	813.5	733.1	671.8	625.9	581.4	536.2	496.4	471.9
40°	1068.6	906.2	835.0	779.1	692.5	632.7	594.4	552.3	507.9	471.9	448.1
42.5°	1044.1	878.6	804.3	737.7	652.7	591.4	555.4	521.7	483.4	448.1	426.7
45°	1004.3	848.8	766.8	699.4	609.0	550.8	517.8	490.3	456.6	422.9	401.4
47.5°	948.4	805.9	727.0	659.6	566.1	507.1	474.2	453.5	426.7	398.3	380.0
50°	887.8	759.1	686.4	619.7	524.7	467.3	435.1	416.0	398.3	372.3	354.7
52.5°	808.9	709.3	639.6	576.1	480.3	425.1	396.8	383.0	364.6	346.2	330.9
55°	732.3	645.0	587.5	527.0	436.6	385.3	357.7	343.2	332.5	317.1	304.9
57.5°	643.5	585.3	532.4	477.2	396.0	349.3	323.3	305.6	298.8	291.9	280.4
60°	561.5	517.1	474.2	428.2	353.9	311.8	286.5	272.7	265.8	261.2	253.6
62.5°	486.4	452.0	415.2	378.4	311.0	272.7	253.6	239.8	233.6	232.9	226.0
65°	414.4	389.9	360.0	324.0	271.2	237.5	219.1	210.7	203.8	203.8	198.4
67.5°	342.4	325.6	301.8	276.5	235.2	203.8	186.9	179.3	175.4	175.4	171.6
70°	285.0	273.5	252.0	229.8	193.8	170.1	157.0	150.1	147.8	148.6	145.5
72.5°	231.3	219.1	201.5	185.4	158.6	141.0	131.8	124.1	120.3	121.0	120.3
75°	179.3	173.1	157.8	145.5	124.1	111.8	103.4	99.6	96.5	97.3	95.8
77.5°	134.8	125.6	117.2	108.8	95.8	85.8	78.9	75.1	72.8	72.8	72.8
80°	91.9	90.4	83.5	78.9	68.2	60.5	55.2	54.4	52.1	52.1	52.1
82.5°	59.8	55.9	52.1	49.0	42.9	38.3	36.0	34.5	33.7	32.9	34.5
85°	32.9	30.6	29.1	26.0	23.7	21.4	19.2	18.4	17.6	18.4	17.6
87.5°	13.0	10.7	10.7	10.0	9.2	8.4	8.4	6.9	6.9	6.1	6.1
90°	15.2	12.3	10.9	9.8	7.6	5.4	3.2	1.0	3.2	5.4	7.6
92.5°	37.7	36.4	35.7	35.0	33.7	32.4	31.1	29.8	31.1	32.4	33.7
95°	68.1	66.4	65.5	64.7	63.2	61.6	60.1	58.5	60.1	61.6	63.2
97.5°	103.2	101.9	101.2	100.7	99.6	98.5	97.4	96.3	97.4	98.5	99.6
100°	142.6	141.5	140.9	140.2	138.9	137.6	136.3	135.0	136.3	137.6	138.9
102.5°	184.9	183.4	182.6	182.3	181.6	180.9	180.3	179.6	180.3	180.9	181.6
105°	228.3	226.3	225.3	225.1	224.6	224.2	223.7	223.3	223.7	224.2	224.6
107.5°	277.2	276.3	275.9	275.8	275.6	275.3	275.1	274.9	275.1	275.3	275.6
110°	325.2	324.7	324.5	324.3	323.8	323.4	322.9	322.5	322.9	323.4	323.8

TEST NUMBER: P1011695

CATALOG NUMBER: S123DIP-B560D1025UB35-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
112.5°	373.1	373.1	373.1	373.0	372.8	372.5	372.3	372.1	372.3	372.5	372.8
115°	424.0	424.5	424.7	424.4	423.7	423.1	422.4	421.8	422.4	423.1	423.7
117.5°	472.7	473.2	473.4	473.3	473.1	472.8	472.6	472.4	472.6	472.8	473.1
120°	523.3	524.4	525.0	524.3	523.0	521.7	520.3	519.0	520.3	521.7	523.0
122.5°	570.9	571.4	571.6	571.2	570.3	569.4	568.5	567.6	568.5	569.4	570.3
125°	619.5	620.0	620.2	619.9	619.2	618.6	617.9	617.3	617.9	618.6	619.2
127.5°	668.2	668.7	668.9	668.2	666.9	665.6	664.2	662.9	664.2	665.6	666.9
130°	715.5	716.2	716.5	715.6	713.9	712.1	710.4	708.6	710.4	712.1	713.9
132.5°	761.5	761.9	762.1	761.2	759.5	757.7	756.0	754.2	756.0	757.7	759.5
135°	806.5	806.7	806.8	806.1	804.8	803.5	802.1	800.8	802.1	803.5	804.8
137.5°	849.5	848.8	848.5	847.9	846.8	845.7	844.6	843.5	844.6	845.7	846.8
140°	893.4	893.2	893.1	892.6	891.5	890.4	889.3	888.2	889.3	890.4	891.5
142.5°	934.5	934.0	933.8	933.3	932.2	931.1	930.0	928.9	930.0	931.1	932.2
145°	974.5	973.8	973.5	973.3	972.8	972.4	971.9	971.5	971.9	972.4	972.8
147.5°	1013.2	1012.5	1012.2	1011.8	1010.9	1010.0	1009.1	1008.2	1009.1	1010.0	1010.9
150°	1049.6	1049.1	1048.9	1048.7	1048.2	1047.8	1047.3	1046.9	1047.3	1047.8	1048.2
152.5°	1082.0	1081.8	1081.7	1081.4	1080.7	1080.0	1079.4	1078.7	1079.4	1080.0	1080.7
155°	1112.7	1112.5	1112.4	1112.4	1112.4	1112.4	1112.4	1112.4	1112.4	1112.4	1112.4
157.5°	1140.5	1140.3	1140.2	1140.3	1140.5	1140.8	1141.0	1141.2	1141.0	1140.8	1140.5
160°	1166.0	1166.0	1166.0	1166.2	1166.7	1167.1	1167.6	1168.0	1167.6	1167.1	1166.7
162.5°	1189.2	1189.0	1188.9	1189.2	1189.9	1190.5	1191.2	1191.8	1191.2	1190.5	1189.9
165°	1208.7	1208.7	1208.7	1209.0	1209.7	1210.4	1211.0	1211.7	1211.0	1210.4	1209.7
167.5°	1224.9	1224.7	1224.6	1225.0	1225.9	1226.8	1227.7	1228.6	1227.7	1226.8	1225.9
170°	1238.5	1238.5	1238.5	1238.9	1239.8	1240.7	1241.5	1242.4	1241.5	1240.7	1239.8
172.5°	1249.4	1249.4	1249.4	1249.8	1250.7	1251.6	1252.5	1253.4	1252.5	1251.6	1250.7
175°	1256.3	1256.3	1256.3	1256.7	1257.6	1258.5	1259.4	1260.3	1259.4	1258.5	1257.6
177.5°	1260.3	1260.3	1260.3	1260.7	1261.6	1262.5	1263.4	1264.3	1263.4	1262.5	1261.6
180°	1263.3	1263.3	1263.3	1263.3	1263.3	1263.3	1263.3	1263.3	1263.3	1263.3	1263.3

TEST NUMBER: P1011695

CATALOG NUMBER: S123DIP-B560D1025UB35-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
0°	790.5	790.5	790.5	790.5	790.5	790.5	790.5	790.5	790.5	790.5	790.5
2.5°	778.3	777.5	779.1	774.5	766.8	763.0	752.2	749.9	749.2	749.9	750.7
5°	756.8	756.1	753.8	746.1	736.9	730.0	717.0	716.2	711.6	707.0	709.3
7.5°	736.2	733.1	728.5	718.5	706.3	698.6	687.9	680.2	674.1	670.3	667.2
10°	715.5	710.9	706.3	693.3	677.9	666.5	653.4	647.3	640.4	637.3	634.3
12.5°	688.7	684.1	675.6	660.3	651.1	636.6	623.6	617.4	613.6	607.5	603.6
15°	667.2	658.0	653.4	637.3	618.2	616.7	592.9	591.4	583.7	583.7	577.6
17.5°	642.7	635.8	627.4	611.3	597.5	583.7	571.5	566.9	560.0	558.4	555.4
20°	619.0	609.8	606.7	590.6	576.1	559.2	546.2	541.6	538.5	535.5	537.8
22.5°	594.4	586.8	579.1	564.6	553.8	537.0	529.3	524.7	520.1	518.6	519.4
25°	570.7	563.8	556.1	541.6	530.1	516.3	509.4	507.1	504.8	504.8	504.1
27.5°	547.7	540.8	533.9	520.9	509.4	499.5	494.1	491.8	489.5	491.0	492.6
30°	524.0	517.8	511.7	500.2	491.0	481.8	478.8	477.2	476.5	480.3	480.3
32.5°	502.5	497.2	492.6	481.8	472.6	465.0	462.7	463.5	464.2	466.5	468.0
35°	480.3	476.5	471.9	462.7	455.0	448.1	448.9	448.9	450.4	454.3	457.3
37.5°	460.4	455.0	451.2	443.5	437.4	431.3	433.6	435.9	437.4	442.0	443.5
40°	436.6	434.3	431.3	423.6	418.3	417.5	418.3	419.8	422.9	425.1	427.4
42.5°	417.5	414.4	410.6	404.5	399.9	400.6	401.4	402.9	404.5	408.3	410.6
45°	396.0	393.7	390.7	385.3	381.5	382.3	383.0	383.0	384.5	389.1	390.7
47.5°	372.3	373.1	369.2	363.9	361.6	361.6	361.6	363.1	366.9	368.5	369.2
50°	349.3	347.8	347.0	341.7	340.1	339.4	340.1	340.9	346.2	345.5	347.8
52.5°	324.8	324.8	324.0	321.0	318.7	318.7	317.1	321.0	322.5	324.0	326.3
55°	301.1	298.8	298.0	296.5	293.4	292.6	294.2	298.8	300.3	301.8	304.1
57.5°	275.0	275.0	273.5	271.2	271.2	271.2	271.2	274.2	276.5	278.1	282.7
60°	251.3	248.2	245.9	245.9	245.9	245.1	249.7	249.7	254.3	255.1	256.6
62.5°	222.9	221.4	219.9	220.6	219.9	221.4	222.9	226.0	226.7	229.0	231.3
65°	196.1	196.1	194.6	199.2	196.1	196.1	199.9	199.9	201.5	203.8	206.8
67.5°	170.1	170.8	169.3	169.3	170.8	171.6	172.4	175.4	176.2	179.3	183.1
70°	143.2	144.8	145.5	144.0	145.5	147.1	148.6	149.4	152.4	154.0	156.3
72.5°	119.5	121.0	118.7	119.5	120.3	121.8	122.6	124.1	125.6	130.2	131.8
75°	95.8	95.0	94.2	97.3	95.8	98.8	99.6	99.6	101.1	104.9	106.5
77.5°	73.5	73.5	74.3	72.8	75.1	74.3	75.1	77.4	79.7	79.7	85.8
80°	51.3	52.9	52.9	52.9	53.6	54.4	52.9	56.7	57.5	57.5	59.8
82.5°	32.9	33.7	32.9	34.5	34.5	36.0	35.2	36.0	37.5	39.1	39.8
85°	17.6	17.6	19.2	19.2	18.4	19.2	18.4	19.2	20.7	20.7	21.4
87.5°	6.1	6.1	6.1	6.1	6.9	6.1	6.9	6.9	6.1	6.1	8.4
90°	9.8	10.9	12.3	15.2	18.1	20.9	23.8	24.7	25.6	26.5	27.4
92.5°	35.0	35.7	36.4	37.7	39.0	40.4	41.7	42.4	43.0	43.7	44.4
95°	64.7	65.5	66.4	68.1	69.9	71.6	73.4	74.3	75.2	76.1	77.0
97.5°	100.7	101.2	101.9	103.2	104.5	105.9	107.2	108.3	109.4	110.5	111.6
100°	140.2	140.9	141.5	142.6	143.7	144.8	145.9	146.6	147.2	147.9	148.6
102.5°	182.3	182.6	183.4	184.9	186.4	188.0	189.5	190.2	190.8	191.5	192.2
105°	225.1	225.3	226.3	228.3	230.2	232.2	234.2	234.2	234.2	234.2	234.2
107.5°	275.8	275.9	276.3	277.2	278.1	278.9	279.8	280.5	281.1	281.8	282.5
110°	324.3	324.5	324.7	325.2	325.6	326.1	326.5	327.4	328.3	329.2	330.1

TEST NUMBER: P1011695

CATALOG NUMBER: S123DIP-B560D1025UB35-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
112.5°	373.0	373.1	373.1	373.1	373.1	373.1	373.1	374.2	375.3	376.4	377.5
115°	424.4	424.7	424.5	424.0	423.6	423.1	422.7	422.9	423.1	423.4	423.6
117.5°	473.3	473.4	473.2	472.7	472.3	471.8	471.4	471.4	471.4	471.4	471.4
120°	524.3	525.0	524.4	523.3	522.2	521.1	520.0	519.8	519.6	519.3	519.1
122.5°	571.2	571.6	571.4	570.9	570.5	570.0	569.6	568.9	568.3	567.6	566.9
125°	619.9	620.2	620.0	619.5	619.1	618.6	618.2	617.3	616.5	615.6	614.7
127.5°	668.2	668.9	668.7	668.2	667.8	667.3	666.9	665.6	664.2	662.9	661.6
130°	715.6	716.5	716.2	715.5	714.8	714.2	713.5	712.6	711.7	710.8	709.9
132.5°	761.2	762.1	761.9	761.5	761.0	760.6	760.2	759.1	758.0	756.9	755.8
135°	806.1	806.8	806.7	806.5	806.2	806.0	805.8	804.9	804.0	803.1	802.2
137.5°	847.9	848.5	848.8	849.5	850.2	850.8	851.5	850.4	849.3	848.2	847.1
140°	892.6	893.1	893.2	893.4	893.7	893.9	894.1	893.9	893.7	893.4	893.2
142.5°	933.3	933.8	934.0	934.5	934.9	935.4	935.8	935.6	935.4	935.1	934.9
145°	973.3	973.5	973.8	974.5	975.2	975.8	976.5	976.3	976.1	975.8	975.6
147.5°	1011.8	1012.2	1012.5	1013.2	1013.9	1014.5	1015.2	1015.2	1015.2	1015.2	1015.2
150°	1048.7	1048.9	1049.1	1049.6	1050.0	1050.5	1050.9	1050.9	1050.9	1050.9	1050.9
152.5°	1081.4	1081.7	1081.8	1082.0	1082.3	1082.5	1082.7	1083.1	1083.6	1084.0	1084.5
155°	1112.4	1112.4	1112.5	1112.7	1113.0	1113.2	1113.4	1114.3	1115.2	1116.1	1117.0
157.5°	1140.3	1140.2	1140.3	1140.5	1140.8	1141.0	1141.2	1142.1	1143.0	1143.9	1144.8
160°	1166.2	1166.0	1166.0	1166.0	1166.0	1166.0	1166.0	1167.1	1168.2	1169.3	1170.4
162.5°	1189.2	1188.9	1189.0	1189.2	1189.4	1189.6	1189.8	1190.9	1192.0	1193.1	1194.2
165°	1209.0	1208.7	1208.7	1208.7	1208.7	1208.7	1208.7	1210.0	1211.4	1212.7	1214.0
167.5°	1225.0	1224.6	1224.7	1224.9	1225.2	1225.4	1225.6	1226.9	1228.2	1229.5	1230.8
170°	1238.9	1238.5	1238.5	1238.5	1238.5	1238.5	1238.5	1240.0	1241.6	1243.1	1244.6
172.5°	1249.8	1249.4	1249.4	1249.4	1249.4	1249.4	1249.4	1250.7	1252.0	1253.3	1254.6
175°	1256.7	1256.3	1256.3	1256.3	1256.3	1256.3	1256.3	1257.6	1259.0	1260.3	1261.6
177.5°	1260.7	1260.3	1260.3	1260.3	1260.3	1260.3	1260.3	1261.6	1263.0	1264.3	1265.6
180°	1263.3	1263.3	1263.3	1263.3	1263.3	1263.3	1263.3	1263.3	1263.3	1263.3	1263.3

TEST NUMBER: P1011695

CATALOG NUMBER: S123DIP-B560D1025UB35-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
0°	790.5	790.5	790.5	790.5	790.5	790.5	790.5	790.5	790.5	790.5	790.5
2.5°	749.9	750.7	747.6	745.4	751.5	747.6	747.6	748.4	746.9	749.2	748.4
5°	707.8	708.6	703.2	704.8	701.7	700.9	700.2	704.8	704.0	703.2	704.8
7.5°	666.5	666.5	664.2	662.6	662.6	660.3	663.4	662.6	664.2	664.2	666.5
10°	632.0	633.5	629.7	625.9	625.1	625.9	625.9	626.6	627.4	632.7	632.0
12.5°	603.6	601.3	600.6	598.3	594.4	592.9	591.4	599.8	597.5	597.5	597.5
15°	572.2	577.6	576.8	569.9	568.4	571.5	569.9	569.9	577.6	576.8	576.1
17.5°	555.4	553.8	552.3	548.5	549.2	548.5	549.2	549.2	553.8	553.8	553.8
20°	536.2	533.2	533.2	531.6	531.6	529.3	532.4	533.2	536.2	536.2	537.0
22.5°	519.4	517.1	517.1	516.3	517.8	514.8	517.8	518.6	518.6	520.9	520.9
25°	504.8	503.3	503.3	504.8	504.8	504.8	504.8	507.9	505.6	506.3	505.6
27.5°	491.8	492.6	493.3	494.1	493.3	494.1	494.9	496.4	497.2	496.4	494.9
30°	479.5	481.8	482.6	482.6	484.1	484.9	485.7	485.7	486.4	484.1	485.7
32.5°	470.3	470.3	471.9	472.6	474.2	474.9	474.9	476.5	475.7	473.4	474.2
35°	457.3	457.3	460.4	461.9	464.2	463.5	464.2	464.2	465.0	463.5	461.2
37.5°	444.3	445.8	445.8	448.9	449.7	450.4	449.7	451.2	450.4	448.9	448.1
40°	429.0	428.2	429.0	431.3	432.0	432.0	432.0	433.6	433.6	433.6	432.8
42.5°	409.8	412.1	411.4	413.7	412.9	412.9	414.4	416.0	416.7	414.4	415.2
45°	391.4	391.4	393.0	393.0	393.7	393.7	396.8	395.3	396.8	395.3	396.0
47.5°	371.5	372.3	372.3	373.1	374.6	376.1	374.6	375.4	375.4	376.1	374.6
50°	349.3	349.3	350.8	353.1	356.2	354.7	353.9	357.0	354.7	354.7	353.1
52.5°	326.3	328.6	329.4	331.7	334.0	334.8	335.5	334.0	334.8	332.5	333.2
55°	304.1	304.9	307.9	310.2	312.5	312.5	311.8	312.5	313.3	310.2	310.2
57.5°	281.9	284.2	287.3	287.3	290.3	290.3	289.6	289.6	290.3	288.0	287.3
60°	258.2	260.5	264.3	264.3	268.9	269.6	268.1	266.6	266.6	264.3	265.0
62.5°	232.9	235.2	237.5	241.3	244.4	242.8	245.9	242.8	243.6	239.0	239.0
65°	210.7	211.4	215.3	219.1	219.1	220.6	219.1	219.9	217.6	217.6	214.5
67.5°	184.6	184.6	188.4	192.3	196.1	196.1	196.1	193.8	193.8	191.5	191.5
70°	161.6	160.9	164.7	167.0	169.3	170.1	168.5	167.8	166.2	163.9	163.2
72.5°	133.3	134.8	138.7	140.2	144.0	143.2	147.1	142.5	142.5	138.7	137.9
75°	108.0	109.5	113.4	115.7	118.0	118.0	120.3	118.0	114.9	113.4	112.6
77.5°	85.8	85.0	88.1	91.9	92.7	91.9	93.5	92.7	89.6	89.6	88.1
80°	61.3	63.6	66.6	65.9	68.9	68.2	68.2	66.6	66.6	64.3	65.9
82.5°	40.6	42.9	43.7	42.9	43.7	45.2	46.0	45.2	45.2	43.7	44.4
85°	21.4	21.4	23.0	23.7	23.0	23.0	23.7	26.0	24.5	23.0	24.5
87.5°	6.9	6.1	6.1	6.9	6.1	6.1	6.9	6.9	7.7	7.7	7.7
90°	27.8	28.0	28.5	28.9	29.4	29.8	29.4	28.9	28.5	28.0	27.8
92.5°	44.7	44.5	44.0	43.6	43.1	42.7	43.1	43.6	44.0	44.5	44.7
95°	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
97.5°	112.1	112.0	111.8	111.5	111.3	111.1	111.3	111.5	111.8	112.0	112.1
100°	148.9	149.1	149.5	150.0	150.4	150.8	150.4	150.0	149.5	149.1	148.9
102.5°	192.5	192.4	192.2	191.9	191.7	191.5	191.7	191.9	192.2	192.4	192.5
105°	234.2	234.4	234.9	235.3	235.8	236.2	235.8	235.3	234.9	234.4	234.2
107.5°	282.8	282.7	282.5	282.2	282.0	281.8	282.0	282.2	282.5	282.7	282.8
110°	330.5	330.3	329.8	329.4	328.9	328.5	328.9	329.4	329.8	330.3	330.5

TEST NUMBER: P1011695

CATALOG NUMBER: S123DIP-B560D1025UB35-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
112.5°	378.1	378.1	378.1	378.1	378.1	378.1	378.1	378.1	378.1	378.1	378.1
115°	423.7	423.6	423.4	423.1	422.9	422.7	422.9	423.1	423.4	423.6	423.7
117.5°	471.4	471.1	470.4	469.7	469.1	468.4	469.1	469.7	470.4	471.1	471.4
120°	519.0	518.8	518.3	517.9	517.4	517.0	517.4	517.9	518.3	518.8	519.0
122.5°	566.6	566.3	565.6	565.0	564.3	563.7	564.3	565.0	565.6	566.3	566.6
125°	614.3	613.9	613.0	612.1	611.2	610.3	611.2	612.1	613.0	613.9	614.3
127.5°	660.9	660.5	659.6	658.7	657.8	656.9	657.8	658.7	659.6	660.5	660.9
130°	709.5	708.7	707.2	705.7	704.1	702.6	704.1	705.7	707.2	708.7	709.5
132.5°	755.2	754.6	753.5	752.4	751.3	750.2	751.3	752.4	753.5	754.6	755.2
135°	801.8	801.6	801.1	800.7	800.2	799.8	800.2	800.7	801.1	801.6	801.8
137.5°	846.5	846.2	845.5	844.8	844.2	843.5	844.2	844.8	845.5	846.2	846.5
140°	893.1	892.3	890.8	889.3	887.7	886.2	887.7	889.3	890.8	892.3	893.1
142.5°	934.8	934.2	933.1	932.0	930.9	929.8	930.9	932.0	933.1	934.2	934.8
145°	975.5	975.1	974.2	973.3	972.4	971.5	972.4	973.3	974.2	975.1	975.5
147.5°	1015.2	1014.5	1013.2	1011.9	1010.5	1009.2	1010.5	1011.9	1013.2	1014.5	1015.2
150°	1050.9	1050.2	1048.9	1047.6	1046.3	1045.0	1046.3	1047.6	1048.9	1050.2	1050.9
152.5°	1084.7	1084.1	1083.0	1081.9	1080.8	1079.7	1080.8	1081.9	1083.0	1084.1	1084.7
155°	1117.4	1116.6	1115.1	1113.6	1112.0	1110.5	1112.0	1113.6	1115.1	1116.6	1117.4
157.5°	1145.2	1144.5	1143.2	1141.9	1140.5	1139.2	1140.5	1141.9	1143.2	1144.5	1145.2
160°	1171.0	1170.6	1169.7	1168.8	1167.9	1167.0	1167.9	1168.8	1169.7	1170.6	1171.0
162.5°	1194.8	1194.0	1192.5	1191.0	1189.4	1187.9	1189.4	1191.0	1192.5	1194.0	1194.8
165°	1214.7	1213.9	1212.4	1210.8	1209.3	1207.7	1209.3	1210.8	1212.4	1213.9	1214.7
167.5°	1231.5	1230.8	1229.5	1228.2	1226.9	1225.6	1226.9	1228.2	1229.5	1230.8	1231.5
170°	1245.4	1244.6	1243.1	1241.6	1240.0	1238.5	1240.0	1241.6	1243.1	1244.6	1245.4
172.5°	1255.3	1254.5	1253.0	1251.5	1249.9	1248.4	1249.9	1251.5	1253.0	1254.5	1255.3
175°	1262.3	1261.5	1260.0	1258.4	1256.9	1255.3	1256.9	1258.4	1260.0	1261.5	1262.3
177.5°	1266.3	1265.5	1264.0	1262.4	1260.9	1259.3	1260.9	1262.4	1264.0	1265.5	1266.3
180°	1263.3	1263.3	1263.3	1263.3	1263.3	1263.3	1263.3	1263.3	1263.3	1263.3	1263.3

TEST NUMBER: P1011695

CATALOG NUMBER: S123DIP-B560D1025UB35-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
0°	790.5	790.5	790.5	790.5	790.5	790.5	790.5	790.5	790.5	790.5	790.5
2.5°	750.7	752.2	753.0	749.9	747.6	751.5	756.8	760.7	763.7	767.6	769.9
5°	706.3	711.6	711.6	713.2	715.5	719.3	729.3	736.2	742.3	746.9	750.7
7.5°	668.7	672.6	674.9	678.7	682.5	687.9	699.4	709.3	718.5	723.9	730.0
10°	635.0	638.1	641.9	644.2	651.1	658.8	673.3	681.8	692.5	700.9	708.6
12.5°	602.9	613.6	615.9	615.1	621.3	629.7	644.2	657.3	668.7	677.2	685.6
15°	579.9	583.7	588.3	587.5	600.6	602.9	615.1	630.4	645.8	651.1	658.8
17.5°	554.6	560.7	565.3	567.6	571.5	579.9	591.4	602.9	622.8	623.6	643.5
20°	534.7	540.8	543.9	546.9	549.2	559.2	569.2	582.2	598.3	606.7	617.4
22.5°	521.7	524.7	527.0	529.3	532.4	537.8	550.0	564.6	575.3	584.5	591.4
25°	506.3	509.4	512.5	514.0	516.3	519.4	528.6	540.1	555.4	561.5	568.4
27.5°	495.6	495.6	497.2	497.2	500.2	503.3	510.2	520.9	533.2	540.8	550.0
30°	484.1	483.4	484.1	483.4	482.6	487.2	493.3	502.5	510.9	520.1	526.3
32.5°	472.6	471.9	471.9	472.6	469.6	471.9	474.9	483.4	492.6	497.2	504.1
35°	460.4	458.9	458.9	458.9	457.3	455.8	458.9	466.5	472.6	478.8	484.1
37.5°	448.1	445.8	445.8	444.3	442.8	440.5	440.5	446.6	455.0	457.3	464.2
40°	431.3	431.3	429.7	429.0	427.4	425.9	423.6	429.0	436.6	438.9	444.3
42.5°	414.4	412.1	411.4	411.4	411.4	409.1	407.5	411.4	416.0	419.8	422.9
45°	395.3	393.7	394.5	393.7	392.2	391.4	390.7	392.2	397.6	399.1	402.9
47.5°	374.6	373.8	373.8	373.1	372.3	373.1	370.0	373.8	375.4	376.9	380.0
50°	353.1	352.4	351.6	350.8	350.8	351.6	350.8	350.8	353.9	355.4	358.5
52.5°	331.7	329.4	329.4	328.6	328.6	327.1	328.6	329.4	330.9	332.5	334.0
55°	308.7	308.7	306.4	306.4	304.9	304.9	305.6	304.9	307.9	309.5	309.5
57.5°	286.5	283.4	284.2	282.7	281.1	280.4	280.4	281.9	283.4	283.4	285.0
60°	262.7	259.7	258.9	255.9	257.4	255.1	255.9	255.9	258.9	257.4	258.9
62.5°	239.0	235.2	232.9	231.3	231.3	232.1	230.6	229.8	231.3	232.9	235.9
65°	213.7	211.4	209.1	206.8	206.8	206.1	207.6	205.3	204.5	205.3	206.8
67.5°	187.7	185.4	183.1	180.8	181.6	179.3	177.7	180.0	178.5	179.3	180.8
70°	162.4	160.9	156.3	154.7	154.0	154.7	154.0	152.4	154.7	154.0	154.7
72.5°	137.1	135.6	133.3	129.5	129.5	128.7	127.9	127.9	127.2	127.2	127.2
75°	112.6	109.5	107.2	106.5	104.9	104.2	103.4	101.9	102.6	103.4	101.9
77.5°	87.3	83.5	82.7	82.7	80.4	80.4	81.2	80.4	79.7	79.7	79.7
80°	64.3	61.3	61.3	59.8	58.2	58.2	58.2	58.2	57.5	56.7	57.5
82.5°	41.4	40.6	39.8	39.8	41.4	38.3	39.8	39.1	38.3	38.3	37.5
85°	23.0	23.7	23.0	23.7	22.2	23.0	23.0	23.0	22.2	23.0	21.4
87.5°	8.4	8.4	8.4	9.2	9.2	9.2	9.2	9.2	10.0	9.2	9.2
90°	27.4	26.5	25.6	24.7	23.8	20.9	18.1	15.2	12.3	10.9	9.8
92.5°	44.4	43.7	43.0	42.4	41.7	40.4	39.0	37.7	36.4	35.7	35.0
95°	77.0	76.1	75.2	74.3	73.4	71.6	69.9	68.1	66.4	65.5	64.7
97.5°	111.6	110.5	109.4	108.3	107.2	105.9	104.5	103.2	101.9	101.2	100.7
100°	148.6	147.9	147.2	146.6	145.9	144.8	143.7	142.6	141.5	140.9	140.2
102.5°	192.2	191.5	190.8	190.2	189.5	188.0	186.4	184.9	183.4	182.6	182.3
105°	234.2	234.2	234.2	234.2	234.2	232.2	230.2	228.3	226.3	225.3	225.1
107.5°	282.5	281.8	281.1	280.5	279.8	278.9	278.1	277.2	276.3	275.9	275.8
110°	330.1	329.2	328.3	327.4	326.5	326.1	325.6	325.2	324.7	324.5	324.3

TEST NUMBER: P1011695

CATALOG NUMBER: S123DIP-B560D1025UB35-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
112.5°	377.5	376.4	375.3	374.2	373.1	373.1	373.1	373.1	373.1	373.1	373.0
115°	423.6	423.4	423.1	422.9	422.7	423.1	423.6	424.0	424.5	424.7	424.4
117.5°	471.4	471.4	471.4	471.4	471.4	471.8	472.3	472.7	473.2	473.4	473.3
120°	519.1	519.3	519.6	519.8	520.0	521.1	522.2	523.3	524.4	525.0	524.3
122.5°	566.9	567.6	568.3	568.9	569.6	570.0	570.5	570.9	571.4	571.6	571.2
125°	614.7	615.6	616.5	617.3	618.2	618.6	619.1	619.5	620.0	620.2	619.9
127.5°	661.6	662.9	664.2	665.6	666.9	667.3	667.8	668.2	668.7	668.9	668.2
130°	709.9	710.8	711.7	712.6	713.5	714.2	714.8	715.5	716.2	716.5	715.6
132.5°	755.8	756.9	758.0	759.1	760.2	760.6	761.0	761.5	761.9	762.1	761.2
135°	802.2	803.1	804.0	804.9	805.8	806.0	806.2	806.5	806.7	806.8	806.1
137.5°	847.1	848.2	849.3	850.4	851.5	850.8	850.2	849.5	848.8	848.5	847.9
140°	893.2	893.4	893.7	893.9	894.1	893.9	893.7	893.4	893.2	893.1	892.6
142.5°	934.9	935.1	935.4	935.6	935.8	935.4	934.9	934.5	934.0	933.8	933.3
145°	975.6	975.8	976.1	976.3	976.5	975.8	975.2	974.5	973.8	973.5	973.3
147.5°	1015.2	1015.2	1015.2	1015.2	1015.2	1014.5	1013.9	1013.2	1012.5	1012.2	1011.8
150°	1050.9	1050.9	1050.9	1050.9	1050.9	1050.5	1050.0	1049.6	1049.1	1048.9	1048.7
152.5°	1084.5	1084.0	1083.6	1083.1	1082.7	1082.5	1082.3	1082.0	1081.8	1081.7	1081.4
155°	1117.0	1116.1	1115.2	1114.3	1113.4	1113.2	1113.0	1112.7	1112.5	1112.4	1112.4
157.5°	1144.8	1143.9	1143.0	1142.1	1141.2	1141.0	1140.8	1140.5	1140.3	1140.2	1140.3
160°	1170.4	1169.3	1168.2	1167.1	1166.0	1166.0	1166.0	1166.0	1166.0	1166.0	1166.2
162.5°	1194.2	1193.1	1192.0	1190.9	1189.8	1189.6	1189.4	1189.2	1189.0	1188.9	1189.2
165°	1214.0	1212.7	1211.4	1210.0	1208.7	1208.7	1208.7	1208.7	1208.7	1208.7	1209.0
167.5°	1230.8	1229.5	1228.2	1226.9	1225.6	1225.4	1225.2	1224.9	1224.7	1224.6	1225.0
170°	1244.6	1243.1	1241.6	1240.0	1238.5	1238.5	1238.5	1238.5	1238.5	1238.5	1238.9
172.5°	1254.6	1253.3	1252.0	1250.7	1249.4	1249.4	1249.4	1249.4	1249.4	1249.4	1249.8
175°	1261.6	1260.3	1259.0	1257.6	1256.3	1256.3	1256.3	1256.3	1256.3	1256.3	1256.7
177.5°	1265.6	1264.3	1263.0	1261.6	1260.3	1260.3	1260.3	1260.3	1260.3	1260.3	1260.7
180°	1263.3	1263.3	1263.3	1263.3	1263.3	1263.3	1263.3	1263.3	1263.3	1263.3	1263.3

TEST NUMBER: P1011695

CATALOG NUMBER: S123DIP-B560D1025UB35-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
0°	790.5	790.5	790.5	790.5
2.5°	773.7	776.0	783.7	792.8
5°	758.4	764.5	775.2	789.8
7.5°	741.5	750.7	766.0	784.4
10°	722.4	735.4	754.5	777.5
12.5°	701.7	718.5	743.1	766.8
15°	688.7	705.5	727.7	753.8
17.5°	663.4	683.3	706.3	743.1
20°	637.3	659.6	689.4	726.2
22.5°	617.4	641.2	669.5	708.6
25°	593.7	618.2	648.8	689.4
27.5°	568.4	592.9	627.4	670.3
30°	549.2	573.0	605.9	651.9
32.5°	526.3	549.2	583.7	632.0
35°	500.2	526.3	559.2	608.2
37.5°	480.3	504.1	538.5	585.3
40°	458.9	479.5	513.2	559.2
42.5°	435.9	458.9	488.0	533.9
45°	414.4	431.3	461.2	504.8
47.5°	391.4	410.6	433.6	467.3
50°	366.9	383.0	408.3	431.3
52.5°	343.2	356.2	377.7	395.3
55°	317.9	330.9	347.0	357.7
57.5°	294.2	303.3	314.1	321.0
60°	265.0	274.2	281.1	288.0
62.5°	239.0	245.9	249.7	253.6
65°	212.2	216.0	218.3	221.4
67.5°	183.1	186.9	187.7	192.3
70°	156.3	157.0	158.6	160.9
72.5°	131.0	132.5	131.8	133.3
75°	104.9	106.5	104.9	106.5
77.5°	79.7	81.2	81.2	83.5
80°	57.5	58.2	59.0	59.0
82.5°	37.5	39.8	38.3	39.1
85°	21.4	22.2	22.2	23.0
87.5°	10.0	10.7	10.0	11.5
90°	7.6	5.4	3.2	1.0
92.5°	33.7	32.4	31.1	29.8
95°	63.2	61.6	60.1	58.5
97.5°	99.6	98.5	97.4	96.3
100°	138.9	137.6	136.3	135.0
102.5°	181.6	180.9	180.3	179.6
105°	224.6	224.2	223.7	223.3
107.5°	275.6	275.3	275.1	274.9
110°	323.8	323.4	322.9	322.5

TEST NUMBER: P1011695

CATALOG NUMBER: S123DIP-B560D1025UB35-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
112.5°	372.8	372.5	372.3	372.1
115°	423.7	423.1	422.4	421.8
117.5°	473.1	472.8	472.6	472.4
120°	523.0	521.7	520.3	519.0
122.5°	570.3	569.4	568.5	567.6
125°	619.2	618.6	617.9	617.3
127.5°	666.9	665.6	664.2	662.9
130°	713.9	712.1	710.4	708.6
132.5°	759.5	757.7	756.0	754.2
135°	804.8	803.5	802.1	800.8
137.5°	846.8	845.7	844.6	843.5
140°	891.5	890.4	889.3	888.2
142.5°	932.2	931.1	930.0	928.9
145°	972.8	972.4	971.9	971.5
147.5°	1010.9	1010.0	1009.1	1008.2
150°	1048.2	1047.8	1047.3	1046.9
152.5°	1080.7	1080.0	1079.4	1078.7
155°	1112.4	1112.4	1112.4	1112.4
157.5°	1140.5	1140.8	1141.0	1141.2
160°	1166.7	1167.1	1167.6	1168.0
162.5°	1189.9	1190.5	1191.2	1191.8
165°	1209.7	1210.4	1211.0	1211.7
167.5°	1225.9	1226.8	1227.7	1228.6
170°	1239.8	1240.7	1241.5	1242.4
172.5°	1250.7	1251.6	1252.5	1253.4
175°	1257.6	1258.5	1259.4	1260.3
177.5°	1261.6	1262.5	1263.4	1264.3
180°	1263.3	1263.3	1263.3	1263.3

(END OF REPORT)