

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: P1028080

Luminaire Tested: S125DIP-B610D375UB35-4F0-XX-W2A-A4

Issue Date: 5/7/2025

Test Information

Test Method: LM-79-2019
Report Number: P1028080
REPORT IS A COMBINATION OF REPORTS P1002274 AND P1007351
Test Lab: INNOVATION CENTER
Issue Date: 5/7/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: NEO-RAY
Catalog Number: S125DIP-B610D375UB35-4F0-XX-W2A-A4
Description: Define 5 Direct/Indirect Pendant with 3500K BioUP LEDs {m-DER=0.721} {m-EER=0.792}
Light Source: -
Ballast/Driver: -

Summary

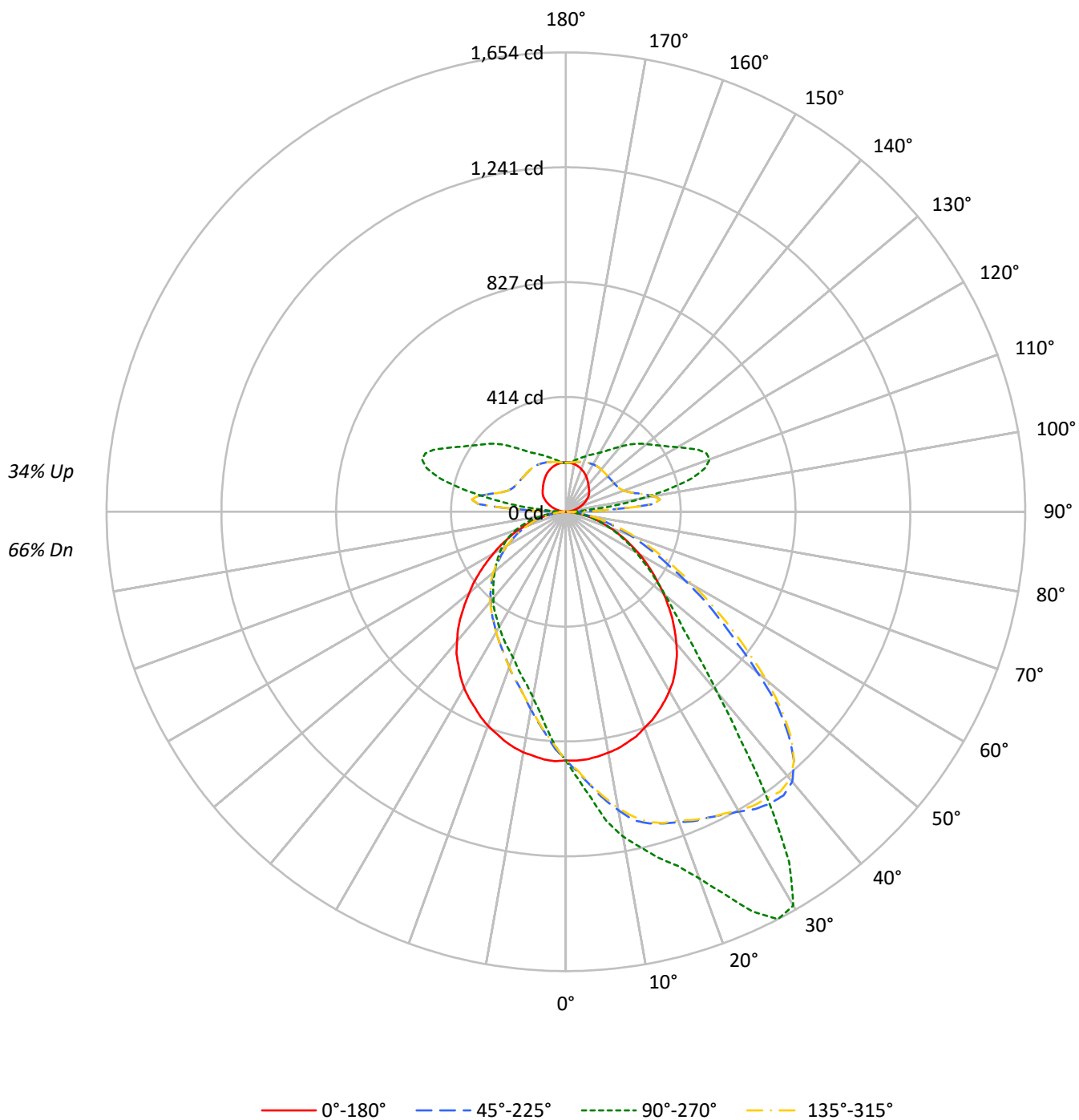
Lumens per Lamp: N/A
Luminaire Lumens: 3857.0 lumens
Efficiency: N/A
Efficacy: 115.8 lumens/watt
Spacing Criteria (0/90/45): 1.23 / 1.43 / 1.52
Luminous Opening: Rectangular w/ Sides (W: 0.42' x L: 4' x H: 0.1')
CIE Type: Semi-Direct

Input Watts (W): 33.3
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	111	111	111	111	104	104	104	104	92	92	92	81	81	81	70	70	70
1	102	97	93	90	95	92	88	85	81	79	76	72	70	68	63	61	60
2	93	85	79	74	87	80	75	70	72	67	64	63	60	57	56	53	51
3	85	75	68	62	79	71	64	59	63	58	54	56	52	49	49	46	44
4	78	67	59	53	73	63	56	50	56	51	46	50	46	42	44	41	38
5	71	60	51	45	67	57	49	44	51	45	40	45	40	36	40	36	33
6	66	54	45	39	62	51	43	38	46	40	35	41	36	32	36	32	29
7	61	49	40	35	57	46	39	33	42	35	31	37	32	28	33	29	26
8	57	44	36	31	53	42	35	30	38	32	28	34	29	25	30	26	23
9	53	40	33	28	50	38	31	27	35	29	25	31	26	23	28	24	21
10	49	37	30	25	47	35	29	24	32	26	22	29	24	21	26	22	19

AVERAGE LUMINANCE (cd/sqm):

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

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 135°

Vertical Angle: 45°

Luminance: 8760 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	86.2	2.2
10°-20°	256.6	6.7
20°-30°	416.8	10.8
30°-40°	509.4	13.2
40°-50°	462.1	12.0
50°-60°	368.1	9.5
60°-70°	256.4	6.6
70°-80°	136.6	3.5
80°-90°	34.6	0.9
90°-100°	128.8	3.3
100°-110°	277.8	7.2
110°-120°	259.0	6.7
120°-130°	209.8	5.4
130°-140°	168.4	4.4
140°-150°	127.0	3.3
150°-160°	89.5	2.3
160°-170°	52.7	1.4
170°-180°	17.1	0.4
0°-30°	759.6	19.7
0°-40°	1269.1	32.9
0°-60°	2099.2	54.4
0°-90°	2526.7	65.5
90°-120°	665.7	17.3
90°-150°	1170.9	30.4
90°-180°	1330.0	34.5
0°-180°	3857.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	895	895	895	895	895	
5°	894	1033	895	784	894	85
15°	859	1290	854	614	859	243
25°	791	1587	777	518	791	364
35°	688	1274	674	444	688	430
45°	541	600	535	368	541	417
55°	381	370	378	301	381	340
65°	236	227	232	233	236	234
75°	114	112	112	144	114	121
85°	23	25	22	36	23	27
90°	0	8	0	8	0	2
95°	12	84	12	84	12	12
105°	40	473	40	473	40	43
115°	72	527	72	527	72	71
125°	100	415	100	415	100	89
135°	117	345	117	345	117	91
145°	136	272	136	272	136	86
155°	156	228	156	228	156	72
165°	170	200	170	200	170	48
175°	177	180	177	180	177	17
180°	177	177	177	177	177	

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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	895.2	895.2	895.2	895.2	895.2	895.2	895.2	895.2	895.2	895.2	895.2
2.5°	896.7	902.0	908.1	912.6	920.2	922.5	926.3	928.6	930.9	933.2	934.7
5°	894.4	907.3	918.7	927.1	941.5	946.8	953.7	962.0	971.9	980.3	985.6
7.5°	888.3	908.8	924.0	940.7	960.5	973.4	980.3	997.7	1013.7	1025.9	1041.8
10°	880.7	905.0	928.6	953.7	981.8	996.2	1009.9	1034.2	1056.3	1076.0	1092.0
12.5°	872.4	902.0	930.1	962.8	1000.8	1018.3	1027.4	1069.2	1096.5	1107.2	1138.3
15°	859.4	894.4	934.7	974.9	1006.9	1027.4	1052.5	1085.9	1113.2	1136.8	1161.9
17.5°	847.3	885.3	926.3	971.1	1017.5	1044.1	1063.1	1092.7	1122.4	1152.8	1176.3
20°	827.5	876.9	918.7	966.6	1021.3	1040.3	1060.1	1095.0	1126.9	1159.6	1189.2
22.5°	811.6	858.7	915.7	961.3	1007.6	1026.6	1050.9	1087.4	1125.4	1162.6	1206.0
25°	791.1	843.5	892.9	941.5	989.4	1009.9	1031.9	1079.1	1118.6	1166.4	1214.3
27.5°	769.0	823.0	872.4	916.4	961.3	989.4	1012.9	1062.3	1114.8	1167.2	1229.5
30°	745.5	796.4	843.5	886.8	936.2	965.1	988.6	1046.4	1104.9	1171.8	1246.2
32.5°	720.4	768.3	808.5	852.6	905.0	931.6	963.5	1026.6	1095.8	1175.6	1269.0
35°	688.5	734.1	769.8	814.6	867.0	901.2	934.7	1005.3	1085.9	1174.8	1281.9
37.5°	656.5	692.3	726.5	774.3	835.1	866.3	901.2	978.7	1070.7	1172.5	1287.3
40°	618.6	653.5	683.1	731.8	795.6	831.3	867.8	949.1	1053.2	1164.2	1268.3
42.5°	580.6	610.2	642.9	693.8	755.3	793.3	832.1	922.5	1030.4	1139.8	1215.8
45°	541.0	563.8	599.6	645.9	711.3	747.7	791.8	889.8	998.5	1095.8	1133.8
47.5°	500.0	522.8	556.2	601.1	665.7	709.0	750.8	848.8	958.2	1033.5	1033.5
50°	460.5	478.7	511.4	556.2	621.6	661.1	703.7	807.8	895.9	951.4	902.0
52.5°	417.9	438.5	465.8	512.9	577.5	613.2	659.6	748.5	832.1	854.9	778.9
55°	380.7	397.4	423.3	468.1	528.1	565.4	604.9	690.0	760.7	759.1	677.8
57.5°	342.0	355.6	383.0	424.0	479.5	512.9	552.4	626.2	683.9	663.4	586.6
60°	306.2	316.1	342.7	376.1	429.3	460.5	498.5	558.5	602.6	573.7	496.2
62.5°	269.0	280.4	301.7	334.4	381.5	406.5	434.7	495.5	523.6	497.7	418.7
65°	235.6	244.7	263.7	291.0	333.6	356.4	380.7	430.9	457.5	420.2	354.9
67.5°	202.1	212.8	226.4	250.8	284.2	305.5	326.8	370.1	382.2	348.8	294.1
70°	171.0	180.1	193.0	210.5	238.6	257.6	273.6	309.3	317.6	286.5	243.2
72.5°	140.6	146.7	157.3	171.7	197.6	208.2	224.9	249.2	259.9	231.8	200.6
75°	114.0	118.5	125.4	136.0	153.5	164.9	178.6	201.4	200.6	180.9	158.8
77.5°	88.1	88.9	96.5	106.4	117.0	126.9	133.7	149.7	151.2	139.1	120.8
80°	63.1	65.4	68.4	76.0	85.1	88.9	97.3	107.1	108.7	99.5	87.4
82.5°	40.3	41.8	44.1	48.6	54.7	59.3	63.8	67.6	71.4	66.1	56.2
85°	22.8	23.6	25.8	27.4	30.4	32.7	36.5	40.3	39.5	35.7	32.7
87.5°	11.4	11.4	11.4	12.9	14.4	14.4	16.0	16.7	17.5	16.0	14.4
90°	0.4	0.7	1.4	2.1	2.9	3.2	3.6	3.9	4.6	5.0	5.7
92.5°	5.4	6.4	10.0	15.4	22.9	29.3	35.7	60.0	100.7	145.0	142.5
95°	11.8	12.1	15.0	18.9	26.8	34.8	42.9	81.1	159.6	258.2	316.4
97.5°	18.2	18.6	20.7	24.6	31.8	37.7	43.6	70.0	130.3	236.7	341.7
100°	25.0	25.7	27.1	31.1	37.9	43.2	48.6	69.3	115.7	205.7	322.4
102.5°	32.5	32.9	33.9	38.2	44.3	49.4	54.6	72.5	109.6	182.1	288.5
105°	40.4	40.4	42.1	45.7	51.4	56.4	61.4	77.1	108.9	168.5	258.9
107.5°	47.8	48.6	50.3	53.2	59.3	63.8	68.2	83.6	111.4	161.4	236.7
110°	56.1	56.8	58.2	61.4	66.8	71.4	76.1	90.7	115.3	158.5	222.1

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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	64.3	65.0	66.1	69.3	74.6	79.1	83.6	97.5	120.3	158.5	213.5
115°	72.1	72.8	73.9	77.1	82.5	87.0	91.4	104.6	125.3	159.6	207.8
117.5°	79.3	80.3	81.4	84.6	90.7	95.0	99.3	111.8	131.0	161.4	204.6
120°	86.4	87.5	88.9	92.1	98.2	102.6	107.1	119.6	136.8	164.3	202.5
122.5°	93.9	94.6	95.7	98.9	105.7	110.2	114.6	127.1	143.2	166.8	200.7
125°	100.0	100.7	102.5	105.7	112.5	117.2	121.8	133.5	148.9	169.6	199.3
127.5°	105.0	106.1	108.2	112.1	119.3	124.0	128.6	140.0	154.3	172.8	198.5
130°	109.6	110.7	113.6	118.2	125.7	130.4	135.0	146.0	159.6	175.7	197.8
132.5°	113.2	114.6	118.2	123.6	131.4	136.0	140.7	151.8	164.3	178.9	197.8
135°	117.1	118.6	122.8	128.6	136.0	140.8	145.7	156.8	168.5	181.8	197.8
137.5°	122.1	123.2	127.1	132.8	140.3	145.3	150.3	160.3	171.8	184.6	198.2
140°	126.4	127.5	131.8	137.5	144.3	149.1	153.9	164.3	175.0	186.4	198.5
142.5°	131.4	132.1	136.0	141.8	148.2	152.6	157.1	166.8	176.8	187.5	198.9
145°	136.4	137.1	140.7	145.7	152.1	156.2	160.3	169.6	178.5	188.2	198.5
147.5°	141.8	142.1	145.3	150.0	155.7	159.4	163.2	171.4	179.6	188.5	197.8
150°	146.4	147.1	149.6	154.3	159.3	162.3	165.3	173.2	180.7	188.5	196.8
152.5°	151.4	151.8	153.9	157.8	162.5	165.2	167.8	175.0	181.4	188.2	195.3
155°	155.7	155.7	157.8	161.4	165.0	167.5	170.0	176.0	181.8	187.5	193.5
157.5°	159.6	159.6	161.4	164.6	167.8	169.8	171.8	177.1	182.1	186.8	191.8
160°	163.5	163.2	164.6	167.1	170.0	171.6	173.2	177.8	182.1	185.7	190.0
162.5°	166.8	166.4	167.8	170.0	172.1	173.4	174.6	178.5	181.8	184.6	187.8
165°	170.0	169.3	170.3	172.1	173.5	174.6	175.7	178.5	181.4	183.5	185.7
167.5°	172.1	171.8	172.5	173.5	174.6	175.3	176.0	178.5	180.7	181.8	183.5
170°	174.3	173.9	174.3	175.0	175.7	176.2	176.8	178.5	180.0	180.7	181.8
172.5°	175.7	175.0	175.3	176.0	176.4	176.6	176.8	178.2	179.3	179.3	179.6
175°	176.8	176.0	176.4	176.8	176.8	176.8	176.8	177.8	178.5	178.2	178.2
177.5°	177.5	176.8	176.8	177.1	176.8	176.8	176.8	177.5	177.8	177.1	177.1
180°	177.1	177.1	177.1	177.1	177.1	177.1	177.1	177.1	177.1	177.1	177.1

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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	895.2	895.2	895.2	895.2	895.2	895.2	895.2	895.2	895.2	895.2	895.2
2.5°	936.2	941.5	946.1	949.9	952.9	957.5	954.4	955.2	956.7	959.7	959.7
5°	997.0	1005.3	1009.9	1025.1	1028.9	1028.1	1025.9	1038.0	1037.3	1032.7	1031.9
7.5°	1056.3	1070.7	1083.6	1095.8	1099.6	1109.4	1111.7	1117.0	1115.5	1123.1	1119.3
10°	1110.2	1133.0	1145.2	1163.4	1168.0	1172.5	1178.6	1181.6	1188.5	1187.7	1187.7
12.5°	1152.0	1179.4	1195.3	1199.9	1217.4	1222.7	1228.0	1237.9	1235.6	1236.3	1240.9
15°	1184.7	1211.3	1224.9	1246.2	1258.4	1264.5	1273.6	1284.2	1282.7	1289.5	1288.0
17.5°	1209.0	1234.1	1259.1	1291.1	1291.8	1307.8	1329.1	1333.6	1343.5	1336.7	1336.7
20°	1228.7	1262.2	1297.9	1338.9	1343.5	1353.4	1379.2	1396.7	1408.1	1404.3	1406.6
22.5°	1250.0	1297.9	1339.7	1380.7	1402.8	1420.2	1445.3	1472.7	1482.6	1488.6	1487.1
25°	1277.4	1327.5	1389.1	1446.1	1468.9	1502.3	1535.7	1562.3	1569.9	1586.7	1571.5
27.5°	1305.5	1376.2	1452.9	1519.8	1548.7	1576.0	1616.3	1636.1	1645.9	1653.5	1648.2
30°	1329.1	1426.3	1509.9	1571.5	1592.0	1607.9	1630.7	1635.3	1631.5	1637.6	1645.2
32.5°	1365.5	1460.5	1531.2	1560.8	1558.5	1557.8	1540.3	1516.0	1510.7	1496.2	1516.0
35°	1385.3	1461.3	1488.6	1449.1	1433.2	1404.3	1348.8	1312.3	1280.4	1273.6	1275.1
37.5°	1373.9	1403.5	1370.8	1266.7	1240.9	1196.8	1123.1	1071.5	1047.9	1029.7	1053.2
40°	1312.3	1279.7	1190.0	1063.1	1025.9	984.1	914.9	886.8	853.4	846.5	877.7
42.5°	1210.5	1111.0	984.1	886.0	847.3	823.7	766.0	739.4	715.8	705.2	722.7
45°	1072.2	951.4	823.7	743.2	710.5	682.4	648.2	620.1	604.9	600.3	614.8
47.5°	929.4	801.7	699.9	639.8	605.6	584.4	552.4	536.5	524.3	525.8	528.1
50°	792.6	676.3	598.0	538.0	521.3	504.6	483.3	469.6	463.5	465.8	464.3
52.5°	674.8	580.6	514.4	468.1	460.5	444.5	427.1	415.7	413.4	414.1	416.4
55°	571.4	497.7	445.3	411.9	403.5	392.1	381.5	373.9	367.8	370.1	369.3
57.5°	493.2	428.6	388.3	360.9	354.9	348.0	338.2	334.4	332.1	327.5	331.3
60°	424.0	371.6	336.6	319.9	314.6	310.0	299.4	294.8	293.3	291.0	297.1
62.5°	358.7	321.4	294.8	279.6	274.3	269.8	264.4	260.6	261.4	258.4	261.4
65°	307.0	276.6	257.6	243.9	237.1	234.0	233.3	227.2	226.4	227.2	228.0
67.5°	259.1	233.3	218.8	210.5	205.2	202.1	199.9	196.1	199.1	196.8	198.3
70°	215.8	198.3	183.1	174.8	172.5	173.3	169.5	167.9	168.7	167.2	168.7
72.5°	174.0	159.6	153.5	147.4	144.4	143.6	141.3	139.1	141.3	140.6	140.6
75°	139.1	128.4	121.6	117.8	117.8	116.3	112.5	112.5	112.5	111.7	112.5
77.5°	107.1	98.0	95.0	91.2	91.2	88.9	88.1	88.1	86.6	88.9	87.4
80°	79.8	72.9	68.4	66.1	66.1	65.4	63.8	63.1	63.8	63.1	63.1
82.5°	51.7	48.6	46.4	44.1	43.3	44.1	43.3	41.8	42.6	41.8	43.3
85°	29.6	26.6	26.6	25.1	25.8	24.3	25.1	23.6	22.8	25.1	23.6
87.5°	12.9	12.2	12.2	10.6	10.6	10.6	9.9	10.6	9.9	9.1	9.9
90°	6.1	6.4	6.8	7.1	7.5	7.9	7.9	7.9	8.2	8.2	8.2
92.5°	115.0	77.5	55.7	41.4	38.0	34.6	28.9	27.9	27.1	26.4	27.1
95°	309.6	256.7	202.5	158.5	143.6	128.6	103.2	92.5	89.6	83.9	89.6
97.5°	386.7	368.2	324.9	280.7	259.2	237.8	216.4	197.8	188.2	183.9	188.2
100°	411.7	439.2	421.7	384.9	366.4	347.8	323.2	297.5	284.2	278.5	284.2
102.5°	396.7	463.1	481.0	468.1	457.0	446.0	419.2	402.8	388.1	384.2	388.1
105°	361.4	447.1	496.0	511.7	509.8	507.8	496.3	484.6	477.4	473.1	477.4
107.5°	327.8	414.2	478.8	516.7	524.6	532.4	535.6	533.8	530.3	526.7	530.3
110°	300.0	377.1	444.9	495.3	510.4	525.6	541.7	548.5	551.0	551.0	551.0

TEST NUMBER: P1028080

CATALOG NUMBER: S125DIP-B610D375UB35-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	279.2	347.8	411.4	462.4	481.0	499.6	524.9	537.8	544.9	548.1	544.9
115°	265.3	324.2	379.6	428.5	448.0	467.4	495.3	512.4	522.4	527.1	522.4
117.5°	256.0	307.8	356.7	399.6	418.0	436.4	464.6	482.4	492.4	495.3	492.4
120°	248.5	295.0	337.8	377.1	392.8	408.5	434.9	452.1	461.7	464.6	461.7
122.5°	242.1	285.3	324.2	358.2	372.6	387.1	409.9	425.3	434.9	437.4	434.9
125°	236.4	276.0	312.4	343.5	356.4	369.2	389.2	403.9	411.7	415.3	411.7
127.5°	231.0	266.4	301.0	330.3	342.5	354.6	372.8	386.0	393.5	394.9	393.5
130°	225.7	257.5	288.9	316.7	328.3	339.9	357.8	369.6	376.7	378.9	376.7
132.5°	221.4	248.5	277.5	302.1	313.2	324.2	342.1	353.9	360.3	362.8	360.3
135°	218.2	241.0	265.7	288.5	298.7	308.9	324.6	336.4	342.8	344.9	342.8
137.5°	215.0	234.2	255.0	274.6	283.6	292.5	306.7	317.8	323.9	326.4	323.9
140°	212.8	228.9	245.7	262.1	269.6	277.1	290.3	299.6	304.9	306.7	304.9
142.5°	211.0	224.2	237.8	251.4	257.6	263.9	274.6	282.1	287.1	288.5	287.1
145°	209.3	220.3	231.4	242.5	247.3	252.1	260.7	266.7	270.7	272.1	270.7
147.5°	207.5	216.4	225.7	234.6	238.4	242.1	249.2	254.2	256.7	257.5	256.7
150°	205.3	213.2	221.0	227.8	231.0	234.2	239.6	243.9	245.3	245.7	245.3
152.5°	202.8	209.6	216.4	222.5	224.8	227.1	231.4	234.6	236.0	236.4	236.0
155°	200.0	206.0	211.8	216.7	218.7	220.7	224.2	226.7	227.8	228.2	227.8
157.5°	197.5	202.5	207.5	211.4	213.0	214.6	217.5	219.6	220.7	220.7	220.7
160°	194.3	198.9	202.5	206.0	207.2	208.5	211.0	212.8	213.5	213.2	213.5
162.5°	191.4	195.0	198.2	201.0	202.1	203.2	205.0	206.4	206.4	206.4	206.4
165°	188.5	191.4	193.9	196.0	196.9	197.8	199.3	200.0	200.0	200.0	200.0
167.5°	185.7	187.8	189.6	191.4	192.1	192.8	193.5	194.3	193.9	193.9	193.9
170°	183.2	185.0	186.0	187.1	187.4	187.8	188.5	188.9	188.9	188.5	188.9
172.5°	180.7	181.8	182.8	183.5	183.7	183.9	183.9	184.6	183.9	183.5	183.9
175°	178.5	179.6	179.6	180.3	180.3	180.3	180.3	180.7	180.0	179.6	180.0
177.5°	177.5	177.8	178.2	178.2	178.2	178.2	177.8	178.2	177.1	177.1	177.1
180°	177.1	177.1	177.1	177.1	177.1	177.1	177.1	177.1	177.1	177.1	177.1

TEST NUMBER: P1028080

CATALOG NUMBER: S125DIP-B610D375UB35-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	895.2	895.2	895.2	895.2	895.2	895.2	895.2	895.2	895.2	895.2	895.2
2.5°	958.2	952.9	954.4	952.9	949.1	946.8	940.7	933.2	930.1	926.3	924.0
5°	1035.0	1031.2	1030.4	1024.3	1022.8	1013.7	998.5	990.9	981.8	972.7	963.5
7.5°	1118.6	1114.0	1098.8	1096.5	1098.0	1086.6	1066.9	1051.7	1032.7	1019.8	1002.3
10°	1187.7	1178.6	1165.7	1166.4	1161.1	1145.9	1126.2	1110.2	1082.8	1066.1	1041.1
12.5°	1229.5	1221.9	1220.4	1212.8	1208.2	1188.5	1164.9	1144.4	1123.9	1101.1	1082.1
15°	1280.4	1270.5	1263.7	1253.1	1250.0	1229.5	1203.7	1180.1	1156.6	1135.3	1095.0
17.5°	1336.7	1326.0	1300.2	1297.9	1279.7	1259.9	1234.8	1199.9	1174.8	1144.4	1114.8
20°	1400.5	1385.3	1351.9	1343.5	1329.1	1296.4	1262.2	1223.4	1183.2	1152.0	1117.0
22.5°	1471.9	1445.3	1421.0	1394.4	1383.8	1343.5	1296.4	1249.3	1200.6	1158.1	1116.3
25°	1564.6	1529.7	1495.5	1468.9	1450.6	1398.2	1335.1	1272.8	1216.6	1161.1	1106.4
27.5°	1637.6	1607.2	1569.9	1535.0	1511.4	1449.1	1376.9	1296.4	1226.5	1158.8	1100.3
30°	1642.9	1633.8	1611.0	1592.0	1566.1	1499.3	1419.5	1328.3	1241.7	1159.6	1088.2
32.5°	1543.3	1561.6	1571.5	1574.5	1569.2	1530.4	1457.5	1357.2	1255.3	1152.8	1077.5
35°	1329.1	1377.7	1437.7	1460.5	1482.6	1503.1	1465.1	1377.7	1259.9	1151.2	1060.8
37.5°	1094.2	1138.3	1237.9	1283.5	1309.3	1390.6	1421.8	1374.6	1269.0	1152.8	1044.9
40°	883.0	952.9	1024.3	1085.9	1126.2	1217.4	1313.9	1324.5	1256.1	1138.3	1024.3
42.5°	743.2	784.2	838.2	895.2	930.9	1038.8	1169.5	1246.2	1215.8	1114.8	999.3
45°	633.0	663.4	714.3	733.3	778.9	882.2	1020.5	1131.5	1146.7	1077.5	970.4
47.5°	543.3	569.2	601.8	625.4	661.9	739.4	856.4	978.7	1051.7	1026.6	930.1
50°	478.7	500.0	527.4	541.0	564.6	634.5	722.7	844.2	942.3	950.6	877.7
52.5°	424.8	436.9	458.2	473.4	492.4	535.0	614.8	715.1	825.2	870.8	813.1
55°	377.7	387.5	406.5	416.4	426.3	462.8	525.1	616.3	719.6	779.7	747.0
57.5°	335.1	343.5	359.4	368.5	373.9	408.8	456.7	528.1	620.8	693.8	675.5
60°	300.2	307.8	316.9	323.7	329.8	358.7	392.1	449.9	532.7	603.4	598.8
62.5°	262.9	269.8	279.6	286.5	291.8	310.0	338.2	382.2	452.9	518.2	531.2
65°	230.2	235.6	242.4	245.4	252.3	266.0	288.8	328.3	386.0	444.5	453.7
67.5°	200.6	202.1	206.7	213.5	215.1	227.2	247.7	277.4	322.2	370.1	384.5
70°	168.7	171.0	174.8	180.1	183.1	190.7	208.2	228.0	266.7	308.5	319.2
72.5°	140.6	143.6	145.1	148.2	149.7	161.9	169.5	189.2	215.8	250.8	262.2
75°	114.0	117.0	117.8	119.3	120.8	126.1	136.8	148.9	171.0	193.8	209.0
77.5°	90.4	89.7	91.2	93.5	92.7	97.3	104.1	114.7	129.2	148.2	158.1
80°	63.8	63.8	66.1	68.4	67.6	72.2	74.5	82.1	94.2	106.4	110.2
82.5°	42.6	42.6	44.8	44.8	46.4	47.1	50.2	54.0	63.8	69.9	72.2
85°	24.3	24.3	25.1	25.1	25.1	26.6	28.9	30.4	33.4	37.2	38.8
87.5°	9.9	10.6	10.6	10.6	10.6	12.2	12.2	13.7	14.4	16.0	16.0
90°	7.9	7.9	7.9	7.5	7.1	6.8	6.4	6.1	5.7	5.0	4.6
92.5°	27.9	28.9	34.6	38.0	41.4	55.7	77.5	115.0	142.5	145.0	100.7
95°	92.5	103.2	128.6	143.6	158.5	202.5	256.7	309.6	316.4	258.2	159.6
97.5°	197.8	216.4	237.8	259.2	280.7	324.9	368.2	386.7	341.7	236.7	130.3
100°	297.5	323.2	347.8	366.4	384.9	421.7	439.2	411.7	322.4	205.7	115.7
102.5°	402.8	419.2	446.0	457.0	468.1	481.0	463.1	396.7	288.5	182.1	109.6
105°	484.6	496.3	507.8	509.8	511.7	496.0	447.1	361.4	258.9	168.5	108.9
107.5°	533.8	535.6	532.4	524.6	516.7	478.8	414.2	327.8	236.7	161.4	111.4
110°	548.5	541.7	525.6	510.4	495.3	444.9	377.1	300.0	222.1	158.5	115.3

TEST NUMBER: P1028080

CATALOG NUMBER: S125DIP-B610D375UB35-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	537.8	524.9	499.6	481.0	462.4	411.4	347.8	279.2	213.5	158.5	120.3
115°	512.4	495.3	467.4	448.0	428.5	379.6	324.2	265.3	207.8	159.6	125.3
117.5°	482.4	464.6	436.4	418.0	399.6	356.7	307.8	256.0	204.6	161.4	131.0
120°	452.1	434.9	408.5	392.8	377.1	337.8	295.0	248.5	202.5	164.3	136.8
122.5°	425.3	409.9	387.1	372.6	358.2	324.2	285.3	242.1	200.7	166.8	143.2
125°	403.9	389.2	369.2	356.4	343.5	312.4	276.0	236.4	199.3	169.6	148.9
127.5°	386.0	372.8	354.6	342.5	330.3	301.0	266.4	231.0	198.5	172.8	154.3
130°	369.6	357.8	339.9	328.3	316.7	288.9	257.5	225.7	197.8	175.7	159.6
132.5°	353.9	342.1	324.2	313.2	302.1	277.5	248.5	221.4	197.8	178.9	164.3
135°	336.4	324.6	308.9	298.7	288.5	265.7	241.0	218.2	197.8	181.8	168.5
137.5°	317.8	306.7	292.5	283.6	274.6	255.0	234.2	215.0	198.2	184.6	171.8
140°	299.6	290.3	277.1	269.6	262.1	245.7	228.9	212.8	198.5	186.4	175.0
142.5°	282.1	274.6	263.9	257.6	251.4	237.8	224.2	211.0	198.9	187.5	176.8
145°	266.7	260.7	252.1	247.3	242.5	231.4	220.3	209.3	198.5	188.2	178.5
147.5°	254.2	249.2	242.1	238.4	234.6	225.7	216.4	207.5	197.8	188.5	179.6
150°	243.9	239.6	234.2	231.0	227.8	221.0	213.2	205.3	196.8	188.5	180.7
152.5°	234.6	231.4	227.1	224.8	222.5	216.4	209.6	202.8	195.3	188.2	181.4
155°	226.7	224.2	220.7	218.7	216.7	211.8	206.0	200.0	193.5	187.5	181.8
157.5°	219.6	217.5	214.6	213.0	211.4	207.5	202.5	197.5	191.8	186.8	182.1
160°	212.8	211.0	208.5	207.2	206.0	202.5	198.9	194.3	190.0	185.7	182.1
162.5°	206.4	205.0	203.2	202.1	201.0	198.2	195.0	191.4	187.8	184.6	181.8
165°	200.0	199.3	197.8	196.9	196.0	193.9	191.4	188.5	185.7	183.5	181.4
167.5°	194.3	193.5	192.8	192.1	191.4	189.6	187.8	185.7	183.5	181.8	180.7
170°	188.9	188.5	187.8	187.4	187.1	186.0	185.0	183.2	181.8	180.7	180.0
172.5°	184.6	183.9	183.9	183.7	183.5	182.8	181.8	180.7	179.6	179.3	179.3
175°	180.7	180.3	180.3	180.3	180.3	179.6	179.6	178.5	178.2	178.2	178.5
177.5°	178.2	177.8	178.2	178.2	178.2	178.2	177.8	177.5	177.1	177.1	177.8
180°	177.1	177.1	177.1	177.1	177.1	177.1	177.1	177.1	177.1	177.1	177.1

TEST NUMBER: P1028080

CATALOG NUMBER: S125DIP-B610D375UB35-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
0°	895.2	895.2	895.2	895.2	895.2	895.2	895.2	895.2	895.2	895.2	895.2
2.5°	921.0	917.2	912.6	912.6	907.3	905.0	900.5	899.0	895.2	889.1	884.5
5°	953.7	943.8	937.7	932.4	921.0	912.6	904.3	895.2	886.0	875.4	863.2
7.5°	985.6	967.3	959.0	949.9	933.2	915.7	899.0	886.8	874.6	857.9	842.7
10°	1019.0	996.2	981.0	968.9	943.0	921.0	896.7	879.2	860.2	838.9	819.2
12.5°	1047.1	1017.5	1004.6	981.8	952.1	925.6	895.2	868.6	843.5	818.4	794.1
15°	1070.7	1042.6	1010.7	1001.5	960.5	922.5	888.3	854.1	823.0	797.9	769.8
17.5°	1078.3	1042.6	1026.6	1004.6	955.9	916.4	873.1	835.9	806.2	769.0	747.0
20°	1080.6	1046.4	1024.3	1003.8	960.5	908.1	865.5	819.9	784.2	747.0	712.0
22.5°	1074.5	1034.2	1012.9	993.2	944.5	899.7	850.3	800.2	758.4	724.2	689.2
25°	1063.1	1016.0	995.5	974.2	927.8	878.4	824.5	776.6	737.9	696.8	662.6
27.5°	1047.9	993.9	970.4	948.3	902.8	856.4	805.5	756.1	712.8	669.5	637.6
30°	1028.9	966.6	945.3	916.4	872.4	828.3	781.9	732.5	683.9	642.9	607.9
32.5°	1004.6	939.2	911.1	883.8	835.9	795.6	751.5	705.2	658.1	617.8	581.3
35°	982.5	908.1	876.9	849.6	796.4	753.8	717.3	674.0	632.2	590.4	557.8
37.5°	952.9	876.9	839.7	811.6	757.6	714.3	680.1	646.7	602.6	562.3	531.9
40°	921.8	838.2	803.2	775.1	718.9	671.7	639.1	609.4	573.7	536.5	504.6
42.5°	893.6	800.9	763.7	729.5	672.5	630.7	597.3	574.5	541.8	508.4	479.5
45°	857.9	761.4	721.1	685.4	630.7	585.1	553.2	535.0	510.6	478.0	452.9
47.5°	821.4	718.9	677.1	642.1	582.8	542.6	511.4	493.9	477.2	451.4	426.3
50°	773.6	674.0	636.0	595.8	537.2	496.2	470.4	452.9	440.0	421.7	400.5
52.5°	721.1	627.7	586.6	551.7	493.9	456.7	427.1	417.2	404.3	390.6	372.3
55°	665.7	577.5	538.0	503.8	450.6	412.6	388.3	377.7	367.8	357.2	345.0
57.5°	610.2	525.1	487.9	457.5	408.1	371.6	351.8	337.4	330.6	324.5	314.6
60°	541.0	468.9	440.0	412.6	364.0	330.6	311.6	300.9	294.8	291.8	287.2
62.5°	480.3	421.0	389.1	362.5	323.7	294.1	275.8	267.5	262.2	260.6	255.3
65°	415.7	364.7	339.7	316.9	283.4	256.8	241.6	231.8	228.0	227.2	227.2
67.5°	354.9	313.8	288.8	272.8	243.9	220.4	205.9	202.1	199.9	196.8	196.1
70°	297.9	265.2	243.2	229.5	203.7	186.2	174.8	168.7	168.7	166.4	164.9
72.5°	247.7	215.1	200.6	189.2	167.9	152.7	144.4	142.9	137.5	136.8	136.8
75°	193.8	169.5	159.6	149.7	133.7	123.1	116.3	112.5	109.4	109.4	110.2
77.5°	145.9	129.2	120.1	112.5	101.1	94.2	88.9	87.4	84.3	84.3	84.3
80°	103.3	94.2	87.4	81.3	72.9	66.9	63.8	60.8	60.8	60.0	60.8
82.5°	66.9	59.3	55.5	54.7	47.1	44.8	41.0	41.8	39.5	38.8	40.3
85°	38.8	35.0	30.4	28.9	25.8	22.8	21.3	22.0	21.3	20.5	21.3
87.5°	15.2	12.9	12.2	12.2	9.9	9.1	8.4	9.1	7.6	7.6	8.4
90°	3.9	3.6	3.2	2.9	2.1	1.4	0.7	0.4	0.7	1.4	2.1
92.5°	60.0	35.7	29.3	22.9	15.4	10.0	6.4	5.4	6.4	10.0	15.4
95°	81.1	42.9	34.8	26.8	18.9	15.0	12.1	11.8	12.1	15.0	18.9
97.5°	70.0	43.6	37.7	31.8	24.6	20.7	18.6	18.2	18.6	20.7	24.6
100°	69.3	48.6	43.2	37.9	31.1	27.1	25.7	25.0	25.7	27.1	31.1
102.5°	72.5	54.6	49.4	44.3	38.2	33.9	32.9	32.5	32.9	33.9	38.2
105°	77.1	61.4	56.4	51.4	45.7	42.1	40.4	40.4	40.4	42.1	45.7
107.5°	83.6	68.2	63.8	59.3	53.2	50.3	48.6	47.8	48.6	50.3	53.2
110°	90.7	76.1	71.4	66.8	61.4	58.2	56.8	56.1	56.8	58.2	61.4

TEST NUMBER: P1028080

CATALOG NUMBER: S125DIP-B610D375UB35-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
112.5°	97.5	83.6	79.1	74.6	69.3	66.1	65.0	64.3	65.0	66.1	69.3
115°	104.6	91.4	87.0	82.5	77.1	73.9	72.8	72.1	72.8	73.9	77.1
117.5°	111.8	99.3	95.0	90.7	84.6	81.4	80.3	79.3	80.3	81.4	84.6
120°	119.6	107.1	102.6	98.2	92.1	88.9	87.5	86.4	87.5	88.9	92.1
122.5°	127.1	114.6	110.2	105.7	98.9	95.7	94.6	93.9	94.6	95.7	98.9
125°	133.5	121.8	117.2	112.5	105.7	102.5	100.7	100.0	100.7	102.5	105.7
127.5°	140.0	128.6	124.0	119.3	112.1	108.2	106.1	105.0	106.1	108.2	112.1
130°	146.0	135.0	130.4	125.7	118.2	113.6	110.7	109.6	110.7	113.6	118.2
132.5°	151.8	140.7	136.0	131.4	123.6	118.2	114.6	113.2	114.6	118.2	123.6
135°	156.8	145.7	140.8	136.0	128.6	122.8	118.6	117.1	118.6	122.8	128.6
137.5°	160.3	150.3	145.3	140.3	132.8	127.1	123.2	122.1	123.2	127.1	132.8
140°	164.3	153.9	149.1	144.3	137.5	131.8	127.5	126.4	127.5	131.8	137.5
142.5°	166.8	157.1	152.6	148.2	141.8	136.0	132.1	131.4	132.1	136.0	141.8
145°	169.6	160.3	156.2	152.1	145.7	140.7	137.1	136.4	137.1	140.7	145.7
147.5°	171.4	163.2	159.4	155.7	150.0	145.3	142.1	141.8	142.1	145.3	150.0
150°	173.2	165.3	162.3	159.3	154.3	149.6	147.1	146.4	147.1	149.6	154.3
152.5°	175.0	167.8	165.2	162.5	157.8	153.9	151.8	151.4	151.8	153.9	157.8
155°	176.0	170.0	167.5	165.0	161.4	157.8	155.7	155.7	155.7	157.8	161.4
157.5°	177.1	171.8	169.8	167.8	164.6	161.4	159.6	159.6	159.6	161.4	164.6
160°	177.8	173.2	171.6	170.0	167.1	164.6	163.2	163.5	163.2	164.6	167.1
162.5°	178.5	174.6	173.4	172.1	170.0	167.8	166.4	166.8	166.4	167.8	170.0
165°	178.5	175.7	174.6	173.5	172.1	170.3	169.3	170.0	169.3	170.3	172.1
167.5°	178.5	176.0	175.3	174.6	173.5	172.5	171.8	172.1	171.8	172.5	173.5
170°	178.5	176.8	176.2	175.7	175.0	174.3	173.9	174.3	173.9	174.3	175.0
172.5°	178.2	176.8	176.6	176.4	176.0	175.3	175.0	175.7	175.0	175.3	176.0
175°	177.8	176.8	176.8	176.8	176.8	176.4	176.0	176.8	176.0	176.4	176.8
177.5°	177.5	176.8	176.8	176.8	177.1	176.8	176.8	177.5	176.8	176.8	177.1
180°	177.1	177.1	177.1	177.1	177.1	177.1	177.1	177.1	177.1	177.1	177.1

TEST NUMBER: P1028080

CATALOG NUMBER: S125DIP-B610D375UB35-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
0°	895.2	895.2	895.2	895.2	895.2	895.2	895.2	895.2	895.2	895.2	895.2
2.5°	883.0	881.5	877.7	875.4	867.8	858.7	855.6	848.0	851.1	845.8	845.8
5°	859.4	852.6	848.0	841.2	826.8	816.9	806.2	800.9	797.9	794.1	791.1
7.5°	829.0	823.7	819.2	806.2	790.3	776.6	763.7	758.4	748.5	741.7	738.6
10°	802.4	794.8	784.2	769.0	752.3	734.8	723.4	712.0	704.4	700.6	692.3
12.5°	775.1	766.0	754.6	732.5	714.3	703.7	683.1	672.5	668.7	665.7	655.8
15°	747.0	737.1	723.4	702.9	686.9	661.9	649.7	641.4	632.2	631.5	623.9
17.5°	721.9	709.7	698.3	673.3	653.5	631.5	624.6	615.5	607.2	598.0	594.2
20°	690.0	678.6	670.2	642.9	620.8	607.2	595.8	588.2	582.8	573.7	572.2
22.5°	661.1	648.9	637.6	617.0	598.0	580.6	566.9	558.5	556.2	552.4	545.6
25°	633.0	620.8	607.2	588.2	568.4	556.2	544.1	538.8	534.2	528.1	522.8
27.5°	609.4	598.0	585.1	561.6	544.8	535.7	522.8	516.7	510.6	507.6	505.3
30°	581.3	568.4	558.5	540.3	522.0	509.9	500.8	495.5	490.1	487.1	485.6
32.5°	554.0	541.8	535.0	515.2	500.8	486.3	479.5	475.7	472.7	469.6	466.6
35°	531.9	519.8	509.1	490.9	476.5	466.6	461.3	455.2	452.9	449.9	449.9
37.5°	504.6	495.5	484.8	467.3	454.4	446.8	442.3	434.7	433.9	432.4	430.1
40°	481.0	471.9	462.0	446.8	435.4	426.3	420.2	416.4	414.1	412.6	411.1
42.5°	455.9	446.1	441.5	424.0	414.1	405.0	402.0	398.2	397.4	394.4	390.6
45°	431.6	423.3	414.1	401.2	392.9	385.3	380.7	377.7	373.9	373.1	370.8
47.5°	410.3	400.5	392.1	379.9	370.8	364.7	360.9	357.2	354.1	351.8	349.6
50°	383.0	375.4	368.5	355.6	348.0	342.0	336.6	333.6	330.6	330.6	330.6
52.5°	356.4	349.6	343.5	334.4	325.2	319.9	313.8	311.6	310.0	307.8	310.0
55°	330.6	323.7	317.6	310.8	300.2	295.6	289.5	287.2	288.0	288.0	290.3
57.5°	303.2	297.9	294.1	285.7	275.8	271.3	267.5	265.2	265.2	268.2	269.0
60°	276.6	271.3	264.4	256.8	250.8	245.4	243.2	243.9	243.9	245.4	249.2
62.5°	247.0	243.9	240.1	229.5	225.7	221.9	218.8	221.1	220.4	224.2	229.5
65°	219.6	216.6	211.3	205.9	201.4	197.6	196.8	197.6	199.1	202.9	209.0
67.5°	189.2	189.2	184.7	180.1	176.3	172.5	173.3	174.0	175.5	180.1	189.2
70°	164.1	161.1	156.5	153.5	150.5	148.9	147.4	150.5	155.0	158.1	164.9
72.5°	136.8	134.5	130.7	127.7	126.9	125.4	124.6	126.1	130.7	136.0	143.6
75°	107.9	108.7	106.4	104.1	104.1	101.8	103.3	103.3	107.9	113.2	119.3
77.5°	83.6	82.8	82.1	80.5	79.8	79.8	79.8	81.3	85.9	88.9	95.0
80°	59.3	60.0	57.8	58.5	57.8	58.5	58.5	61.6	63.8	67.6	72.2
82.5°	39.5	39.5	38.0	38.8	38.8	38.8	39.5	41.0	44.1	47.1	50.2
85°	22.0	22.8	21.3	22.8	22.8	22.8	23.6	24.3	26.6	27.4	30.4
87.5°	8.4	9.9	9.9	8.4	9.1	9.9	10.6	9.9	11.4	12.9	13.7
90°	2.9	3.2	3.6	3.9	4.6	5.0	5.7	6.1	6.4	6.8	7.1
92.5°	22.9	29.3	35.7	60.0	100.7	145.0	142.5	115.0	77.5	55.7	41.4
95°	26.8	34.8	42.9	81.1	159.6	258.2	316.4	309.6	256.7	202.5	158.5
97.5°	31.8	37.7	43.6	70.0	130.3	236.7	341.7	386.7	368.2	324.9	280.7
100°	37.9	43.2	48.6	69.3	115.7	205.7	322.4	411.7	439.2	421.7	384.9
102.5°	44.3	49.4	54.6	72.5	109.6	182.1	288.5	396.7	463.1	481.0	468.1
105°	51.4	56.4	61.4	77.1	108.9	168.5	258.9	361.4	447.1	496.0	511.7
107.5°	59.3	63.8	68.2	83.6	111.4	161.4	236.7	327.8	414.2	478.8	516.7
110°	66.8	71.4	76.1	90.7	115.3	158.5	222.1	300.0	377.1	444.9	495.3

TEST NUMBER: P1028080

CATALOG NUMBER: S125DIP-B610D375UB35-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
112.5°	74.6	79.1	83.6	97.5	120.3	158.5	213.5	279.2	347.8	411.4	462.4
115°	82.5	87.0	91.4	104.6	125.3	159.6	207.8	265.3	324.2	379.6	428.5
117.5°	90.7	95.0	99.3	111.8	131.0	161.4	204.6	256.0	307.8	356.7	399.6
120°	98.2	102.6	107.1	119.6	136.8	164.3	202.5	248.5	295.0	337.8	377.1
122.5°	105.7	110.2	114.6	127.1	143.2	166.8	200.7	242.1	285.3	324.2	358.2
125°	112.5	117.2	121.8	133.5	148.9	169.6	199.3	236.4	276.0	312.4	343.5
127.5°	119.3	124.0	128.6	140.0	154.3	172.8	198.5	231.0	266.4	301.0	330.3
130°	125.7	130.4	135.0	146.0	159.6	175.7	197.8	225.7	257.5	288.9	316.7
132.5°	131.4	136.0	140.7	151.8	164.3	178.9	197.8	221.4	248.5	277.5	302.1
135°	136.0	140.8	145.7	156.8	168.5	181.8	197.8	218.2	241.0	265.7	288.5
137.5°	140.3	145.3	150.3	160.3	171.8	184.6	198.2	215.0	234.2	255.0	274.6
140°	144.3	149.1	153.9	164.3	175.0	186.4	198.5	212.8	228.9	245.7	262.1
142.5°	148.2	152.6	157.1	166.8	176.8	187.5	198.9	211.0	224.2	237.8	251.4
145°	152.1	156.2	160.3	169.6	178.5	188.2	198.5	209.3	220.3	231.4	242.5
147.5°	155.7	159.4	163.2	171.4	179.6	188.5	197.8	207.5	216.4	225.7	234.6
150°	159.3	162.3	165.3	173.2	180.7	188.5	196.8	205.3	213.2	221.0	227.8
152.5°	162.5	165.2	167.8	175.0	181.4	188.2	195.3	202.8	209.6	216.4	222.5
155°	165.0	167.5	170.0	176.0	181.8	187.5	193.5	200.0	206.0	211.8	216.7
157.5°	167.8	169.8	171.8	177.1	182.1	186.8	191.8	197.5	202.5	207.5	211.4
160°	170.0	171.6	173.2	177.8	182.1	185.7	190.0	194.3	198.9	202.5	206.0
162.5°	172.1	173.4	174.6	178.5	181.8	184.6	187.8	191.4	195.0	198.2	201.0
165°	173.5	174.6	175.7	178.5	181.4	183.5	185.7	188.5	191.4	193.9	196.0
167.5°	174.6	175.3	176.0	178.5	180.7	181.8	183.5	185.7	187.8	189.6	191.4
170°	175.7	176.2	176.8	178.5	180.0	180.7	181.8	183.2	185.0	186.0	187.1
172.5°	176.4	176.6	176.8	178.2	179.3	179.3	179.6	180.7	181.8	182.8	183.5
175°	176.8	176.8	176.8	177.8	178.5	178.2	178.2	178.5	179.6	179.6	180.3
177.5°	176.8	176.8	176.8	177.5	177.8	177.1	177.1	177.5	177.8	178.2	178.2
180°	177.1	177.1	177.1	177.1	177.1	177.1	177.1	177.1	177.1	177.1	177.1

TEST NUMBER: P1028080

CATALOG NUMBER: S125DIP-B610D375UB35-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
0°	895.2	895.2	895.2	895.2	895.2	895.2	895.2	895.2	895.2	895.2	895.2
2.5°	848.8	843.5	842.7	844.2	841.2	845.8	844.2	845.8	842.0	845.8	843.5
5°	790.3	788.8	785.7	781.9	782.7	783.5	787.3	783.5	786.5	787.3	791.1
7.5°	735.6	732.5	734.8	733.3	726.5	724.9	726.5	728.7	733.3	736.3	738.6
10°	691.5	690.0	686.9	684.7	680.9	678.6	681.6	678.6	684.7	690.0	690.0
12.5°	658.1	652.0	648.2	647.4	639.1	640.6	643.6	645.9	652.7	655.8	655.8
15°	623.1	618.6	617.0	614.0	611.0	614.0	612.5	614.8	617.8	620.8	622.4
17.5°	592.7	592.0	592.7	585.1	587.4	583.6	584.4	588.2	585.9	588.2	592.7
20°	565.4	566.9	564.6	561.6	561.6	557.0	562.3	560.8	561.6	566.1	573.0
22.5°	544.8	544.1	541.8	539.5	536.5	537.2	538.0	536.5	542.6	546.4	547.1
25°	522.8	521.3	520.5	518.2	515.2	518.2	517.5	518.2	519.8	525.8	521.3
27.5°	502.3	499.3	500.8	498.5	497.7	498.5	498.5	499.3	500.8	501.5	502.3
30°	484.8	481.8	481.0	479.5	478.7	479.5	481.0	479.5	485.6	484.8	484.8
32.5°	465.8	463.5	462.0	462.0	461.3	460.5	461.3	462.0	466.6	463.5	466.6
35°	447.6	446.1	446.1	444.5	443.8	443.8	443.8	446.8	445.3	447.6	447.6
37.5°	430.1	430.1	429.3	427.8	427.1	427.8	427.1	428.6	427.8	428.6	429.3
40°	411.9	410.3	409.6	409.6	407.3	405.0	407.3	407.3	408.1	410.3	411.1
42.5°	389.8	390.6	390.6	387.5	387.5	387.5	388.3	389.1	389.1	390.6	390.6
45°	370.8	369.3	369.3	369.3	367.8	368.5	370.1	370.1	370.1	370.1	368.5
47.5°	349.6	349.6	350.3	350.3	352.6	351.8	351.8	351.1	349.6	349.6	350.3
50°	329.8	332.1	332.8	332.8	333.6	334.4	334.4	332.8	332.1	329.8	329.8
52.5°	310.8	312.3	313.8	316.1	317.6	316.9	316.9	315.4	312.3	311.6	310.8
55°	290.3	292.6	295.6	297.9	300.2	300.9	300.9	297.9	294.8	291.0	291.0
57.5°	271.3	273.6	278.9	281.2	284.2	284.2	282.7	280.4	275.8	272.8	270.5
60°	252.3	256.1	259.9	264.4	268.2	269.0	266.7	263.7	258.4	254.6	251.5
62.5°	231.8	235.6	243.2	247.7	250.8	250.8	250.8	247.0	240.1	234.8	230.2
65°	212.0	215.8	222.6	228.7	231.0	233.3	231.0	227.2	221.9	215.8	211.3
67.5°	191.5	196.1	202.9	207.5	210.5	212.8	211.3	208.2	201.4	193.0	190.0
70°	168.7	171.0	180.9	185.4	190.0	191.5	190.0	185.4	178.6	169.5	166.4
72.5°	147.4	149.7	158.8	162.6	166.4	167.9	165.7	162.6	156.5	148.2	144.4
75°	123.1	126.9	131.5	137.5	142.1	143.6	141.3	139.1	131.5	126.1	123.1
77.5°	97.3	101.1	107.1	112.5	117.0	116.3	113.2	114.0	105.6	99.5	97.3
80°	73.7	76.7	81.3	85.9	88.1	88.1	87.4	84.3	81.3	76.7	72.9
82.5°	50.9	54.7	58.5	61.6	61.6	62.3	60.8	60.0	57.0	53.2	52.4
85°	30.4	31.2	34.2	34.2	37.2	35.7	35.0	37.2	34.2	31.9	31.2
87.5°	13.7	12.9	13.7	13.7	12.9	14.4	14.4	13.7	14.4	13.7	13.7
90°	7.5	7.9	7.9	7.9	8.2	8.2	8.2	7.9	7.9	7.9	7.5
92.5°	38.0	34.6	28.9	27.9	27.1	26.4	27.1	27.9	28.9	34.6	38.0
95°	143.6	128.6	103.2	92.5	89.6	83.9	89.6	92.5	103.2	128.6	143.6
97.5°	259.2	237.8	216.4	197.8	188.2	183.9	188.2	197.8	216.4	237.8	259.2
100°	366.4	347.8	323.2	297.5	284.2	278.5	284.2	297.5	323.2	347.8	366.4
102.5°	457.0	446.0	419.2	402.8	388.1	384.2	388.1	402.8	419.2	446.0	457.0
105°	509.8	507.8	496.3	484.6	477.4	473.1	477.4	484.6	496.3	507.8	509.8
107.5°	524.6	532.4	535.6	533.8	530.3	526.7	530.3	533.8	535.6	532.4	524.6
110°	510.4	525.6	541.7	548.5	551.0	551.0	551.0	548.5	541.7	525.6	510.4

TEST NUMBER: P1028080

CATALOG NUMBER: S125DIP-B610D375UB35-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
112.5°	481.0	499.6	524.9	537.8	544.9	548.1	544.9	537.8	524.9	499.6	481.0
115°	448.0	467.4	495.3	512.4	522.4	527.1	522.4	512.4	495.3	467.4	448.0
117.5°	418.0	436.4	464.6	482.4	492.4	495.3	492.4	482.4	464.6	436.4	418.0
120°	392.8	408.5	434.9	452.1	461.7	464.6	461.7	452.1	434.9	408.5	392.8
122.5°	372.6	387.1	409.9	425.3	434.9	437.4	434.9	425.3	409.9	387.1	372.6
125°	356.4	369.2	389.2	403.9	411.7	415.3	411.7	403.9	389.2	369.2	356.4
127.5°	342.5	354.6	372.8	386.0	393.5	394.9	393.5	386.0	372.8	354.6	342.5
130°	328.3	339.9	357.8	369.6	376.7	378.9	376.7	369.6	357.8	339.9	328.3
132.5°	313.2	324.2	342.1	353.9	360.3	362.8	360.3	353.9	342.1	324.2	313.2
135°	298.7	308.9	324.6	336.4	342.8	344.9	342.8	336.4	324.6	308.9	298.7
137.5°	283.6	292.5	306.7	317.8	323.9	326.4	323.9	317.8	306.7	292.5	283.6
140°	269.6	277.1	290.3	299.6	304.9	306.7	304.9	299.6	290.3	277.1	269.6
142.5°	257.6	263.9	274.6	282.1	287.1	288.5	287.1	282.1	274.6	263.9	257.6
145°	247.3	252.1	260.7	266.7	270.7	272.1	270.7	266.7	260.7	252.1	247.3
147.5°	238.4	242.1	249.2	254.2	256.7	257.5	256.7	254.2	249.2	242.1	238.4
150°	231.0	234.2	239.6	243.9	245.3	245.7	245.3	243.9	239.6	234.2	231.0
152.5°	224.8	227.1	231.4	234.6	236.0	236.4	236.0	234.6	231.4	227.1	224.8
155°	218.7	220.7	224.2	226.7	227.8	228.2	227.8	226.7	224.2	220.7	218.7
157.5°	213.0	214.6	217.5	219.6	220.7	220.7	220.7	219.6	217.5	214.6	213.0
160°	207.2	208.5	211.0	212.8	213.5	213.2	213.5	212.8	211.0	208.5	207.2
162.5°	202.1	203.2	205.0	206.4	206.4	206.4	206.4	206.4	205.0	203.2	202.1
165°	196.9	197.8	199.3	200.0	200.0	200.0	200.0	200.0	199.3	197.8	196.9
167.5°	192.1	192.8	193.5	194.3	193.9	193.9	193.9	194.3	193.5	192.8	192.1
170°	187.4	187.8	188.5	188.9	188.9	188.5	188.9	188.9	188.5	187.8	187.4
172.5°	183.7	183.9	183.9	184.6	183.9	183.5	183.9	184.6	183.9	183.9	183.7
175°	180.3	180.3	180.3	180.7	180.0	179.6	180.0	180.7	180.3	180.3	180.3
177.5°	178.2	178.2	177.8	178.2	177.1	177.1	177.1	178.2	177.8	178.2	178.2
180°	177.1	177.1	177.1	177.1	177.1	177.1	177.1	177.1	177.1	177.1	177.1

TEST NUMBER: P1028080

CATALOG NUMBER: S125DIP-B610D375UB35-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
0°	895.2	895.2	895.2	895.2	895.2	895.2	895.2	895.2	895.2	895.2	895.2
2.5°	850.3	845.8	851.1	844.2	845.8	854.1	853.4	861.0	865.5	864.8	868.6
5°	794.1	794.1	796.4	795.6	803.2	810.0	819.2	826.8	835.1	839.7	845.0
7.5°	738.6	746.2	747.7	751.5	760.7	772.1	781.2	792.6	804.7	813.1	819.2
10°	693.0	699.1	705.2	708.2	718.1	733.3	746.2	764.5	779.7	788.8	797.1
12.5°	652.7	659.6	662.6	676.3	683.1	693.0	711.3	731.0	747.7	757.6	764.5
15°	623.9	627.7	634.5	642.9	649.7	661.9	677.1	699.1	715.1	723.4	747.0
17.5°	599.6	604.1	607.9	611.7	622.4	635.3	649.7	668.7	689.2	703.7	715.8
20°	574.5	576.8	581.3	587.4	595.0	607.2	620.1	639.8	658.1	669.5	685.4
22.5°	544.8	551.7	556.2	560.8	569.2	582.8	595.0	609.4	632.2	645.2	661.9
25°	527.4	530.4	533.4	538.8	544.8	557.0	570.7	585.9	604.1	617.8	632.2
27.5°	504.6	509.1	512.9	519.8	523.6	533.4	546.4	561.6	583.6	595.0	607.2
30°	485.6	490.1	493.2	496.2	501.5	512.2	524.3	536.5	557.0	571.4	583.6
32.5°	466.6	471.1	474.9	477.2	482.5	489.4	499.3	514.4	531.9	541.8	557.8
35°	449.9	449.9	454.4	457.5	462.0	468.1	477.2	488.6	506.8	519.8	534.2
37.5°	430.9	431.6	435.4	437.7	442.3	448.3	457.5	468.1	483.3	493.2	507.6
40°	411.1	413.4	414.9	418.7	424.0	426.3	435.4	447.6	462.8	471.9	484.1
42.5°	391.3	392.9	396.7	399.7	404.3	408.1	414.1	425.5	436.9	450.6	460.5
45°	369.3	373.1	375.4	380.7	383.0	386.8	392.9	402.0	415.7	424.0	435.4
47.5°	350.3	351.8	353.4	360.2	364.7	367.0	373.1	378.4	392.9	400.5	411.1
50°	329.8	329.8	332.1	335.1	340.4	345.0	350.3	356.4	367.8	375.4	386.0
52.5°	310.8	308.5	310.0	311.6	316.9	321.4	326.8	335.1	345.8	350.3	359.4
55°	290.3	286.5	288.8	291.0	292.6	298.6	304.7	310.0	318.4	325.2	333.6
57.5°	268.2	267.5	266.0	266.7	270.5	274.3	278.9	285.7	295.6	300.9	305.5
60°	248.5	243.9	242.4	243.9	246.2	248.5	254.6	260.6	269.0	274.3	279.6
62.5°	228.0	223.4	220.4	218.1	220.4	225.7	229.5	234.0	240.9	247.0	251.5
65°	208.2	201.4	198.3	196.8	196.1	199.9	202.9	209.0	215.1	217.3	222.6
67.5°	186.2	180.1	176.3	174.0	174.0	174.0	177.1	183.1	189.2	190.0	195.3
70°	164.1	157.3	153.5	150.5	148.9	150.5	154.3	155.0	160.3	161.9	164.9
72.5°	140.6	134.5	129.9	126.1	126.9	128.4	128.4	129.9	133.0	136.8	136.8
75°	118.5	110.2	107.9	104.9	103.3	103.3	103.3	106.4	108.7	111.7	110.9
77.5°	93.5	88.9	84.3	82.8	80.5	79.8	81.3	81.3	82.8	85.1	85.9
80°	72.2	66.9	63.8	62.3	59.3	58.5	59.3	59.3	61.6	60.8	61.6
82.5°	50.2	46.4	44.1	41.8	40.3	41.0	40.3	40.3	41.0	40.3	40.3
85°	28.9	28.1	26.6	25.8	25.1	23.6	25.1	24.3	23.6	22.8	24.3
87.5°	13.7	12.9	12.9	11.4	11.4	10.6	11.4	11.4	10.6	10.6	10.6
90°	7.1	6.8	6.4	6.1	5.7	5.0	4.6	3.9	3.6	3.2	2.9
92.5°	41.4	55.7	77.5	115.0	142.5	145.0	100.7	60.0	35.7	29.3	22.9
95°	158.5	202.5	256.7	309.6	316.4	258.2	159.6	81.1	42.9	34.8	26.8
97.5°	280.7	324.9	368.2	386.7	341.7	236.7	130.3	70.0	43.6	37.7	31.8
100°	384.9	421.7	439.2	411.7	322.4	205.7	115.7	69.3	48.6	43.2	37.9
102.5°	468.1	481.0	463.1	396.7	288.5	182.1	109.6	72.5	54.6	49.4	44.3
105°	511.7	496.0	447.1	361.4	258.9	168.5	108.9	77.1	61.4	56.4	51.4
107.5°	516.7	478.8	414.2	327.8	236.7	161.4	111.4	83.6	68.2	63.8	59.3
110°	495.3	444.9	377.1	300.0	222.1	158.5	115.3	90.7	76.1	71.4	66.8

TEST NUMBER: P1028080

CATALOG NUMBER: S125DIP-B610D375UB35-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
112.5°	462.4	411.4	347.8	279.2	213.5	158.5	120.3	97.5	83.6	79.1	74.6
115°	428.5	379.6	324.2	265.3	207.8	159.6	125.3	104.6	91.4	87.0	82.5
117.5°	399.6	356.7	307.8	256.0	204.6	161.4	131.0	111.8	99.3	95.0	90.7
120°	377.1	337.8	295.0	248.5	202.5	164.3	136.8	119.6	107.1	102.6	98.2
122.5°	358.2	324.2	285.3	242.1	200.7	166.8	143.2	127.1	114.6	110.2	105.7
125°	343.5	312.4	276.0	236.4	199.3	169.6	148.9	133.5	121.8	117.2	112.5
127.5°	330.3	301.0	266.4	231.0	198.5	172.8	154.3	140.0	128.6	124.0	119.3
130°	316.7	288.9	257.5	225.7	197.8	175.7	159.6	146.0	135.0	130.4	125.7
132.5°	302.1	277.5	248.5	221.4	197.8	178.9	164.3	151.8	140.7	136.0	131.4
135°	288.5	265.7	241.0	218.2	197.8	181.8	168.5	156.8	145.7	140.8	136.0
137.5°	274.6	255.0	234.2	215.0	198.2	184.6	171.8	160.3	150.3	145.3	140.3
140°	262.1	245.7	228.9	212.8	198.5	186.4	175.0	164.3	153.9	149.1	144.3
142.5°	251.4	237.8	224.2	211.0	198.9	187.5	176.8	166.8	157.1	152.6	148.2
145°	242.5	231.4	220.3	209.3	198.5	188.2	178.5	169.6	160.3	156.2	152.1
147.5°	234.6	225.7	216.4	207.5	197.8	188.5	179.6	171.4	163.2	159.4	155.7
150°	227.8	221.0	213.2	205.3	196.8	188.5	180.7	173.2	165.3	162.3	159.3
152.5°	222.5	216.4	209.6	202.8	195.3	188.2	181.4	175.0	167.8	165.2	162.5
155°	216.7	211.8	206.0	200.0	193.5	187.5	181.8	176.0	170.0	167.5	165.0
157.5°	211.4	207.5	202.5	197.5	191.8	186.8	182.1	177.1	171.8	169.8	167.8
160°	206.0	202.5	198.9	194.3	190.0	185.7	182.1	177.8	173.2	171.6	170.0
162.5°	201.0	198.2	195.0	191.4	187.8	184.6	181.8	178.5	174.6	173.4	172.1
165°	196.0	193.9	191.4	188.5	185.7	183.5	181.4	178.5	175.7	174.6	173.5
167.5°	191.4	189.6	187.8	185.7	183.5	181.8	180.7	178.5	176.0	175.3	174.6
170°	187.1	186.0	185.0	183.2	181.8	180.7	180.0	178.5	176.8	176.2	175.7
172.5°	183.5	182.8	181.8	180.7	179.6	179.3	179.3	178.2	176.8	176.6	176.4
175°	180.3	179.6	179.6	178.5	178.2	178.2	178.5	177.8	176.8	176.8	176.8
177.5°	178.2	178.2	177.8	177.5	177.1	177.1	177.8	177.5	176.8	176.8	176.8
180°	177.1	177.1	177.1	177.1	177.1	177.1	177.1	177.1	177.1	177.1	177.1

TEST NUMBER: P1028080

CATALOG NUMBER: S125DIP-B610D375UB35-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
0°	895.2	895.2	895.2	895.2
2.5°	873.9	881.5	886.8	896.7
5°	854.1	867.8	880.7	894.4
7.5°	834.4	850.3	870.8	888.3
10°	812.3	832.8	857.2	880.7
12.5°	790.3	814.6	841.2	872.4
15°	763.7	794.8	826.0	859.4
17.5°	740.1	772.1	805.5	847.3
20°	713.5	748.5	785.0	827.5
22.5°	690.0	728.7	766.7	811.6
25°	663.4	701.4	743.2	791.1
27.5°	641.4	676.3	717.3	769.0
30°	614.8	652.7	693.8	745.5
32.5°	589.7	626.2	669.5	720.4
35°	563.8	601.1	639.8	688.5
37.5°	539.5	571.4	610.2	656.5
40°	512.2	547.1	582.1	618.6
42.5°	487.1	519.0	551.7	580.6
45°	459.0	486.3	517.5	541.0
47.5°	433.1	457.5	481.8	500.0
50°	407.3	426.3	444.5	460.5
52.5°	376.9	398.2	408.1	417.9
55°	349.6	361.7	370.8	380.7
57.5°	323.0	328.3	332.8	342.0
60°	288.0	294.1	299.4	306.2
62.5°	257.6	260.6	262.2	269.0
65°	228.7	228.0	231.8	235.6
67.5°	197.6	196.8	200.6	202.1
70°	167.2	166.4	167.2	171.0
72.5°	138.3	138.3	139.1	140.6
75°	111.7	111.7	112.5	114.0
77.5°	84.3	85.9	85.1	88.1
80°	61.6	60.0	61.6	63.1
82.5°	40.3	41.8	41.8	40.3
85°	22.8	22.8	22.8	22.8
87.5°	9.9	9.9	10.6	11.4
90°	2.1	1.4	0.7	0.4
92.5°	15.4	10.0	6.4	5.4
95°	18.9	15.0	12.1	11.8
97.5°	24.6	20.7	18.6	18.2
100°	31.1	27.1	25.7	25.0
102.5°	38.2	33.9	32.9	32.5
105°	45.7	42.1	40.4	40.4
107.5°	53.2	50.3	48.6	47.8
110°	61.4	58.2	56.8	56.1



TEST NUMBER: P1028080

CATALOG NUMBER: S125DIP-B610D375UB35-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
112.5°	69.3	66.1	65.0	64.3
115°	77.1	73.9	72.8	72.1
117.5°	84.6	81.4	80.3	79.3
120°	92.1	88.9	87.5	86.4
122.5°	98.9	95.7	94.6	93.9
125°	105.7	102.5	100.7	100.0
127.5°	112.1	108.2	106.1	105.0
130°	118.2	113.6	110.7	109.6
132.5°	123.6	118.2	114.6	113.2
135°	128.6	122.8	118.6	117.1
137.5°	132.8	127.1	123.2	122.1
140°	137.5	131.8	127.5	126.4
142.5°	141.8	136.0	132.1	131.4
145°	145.7	140.7	137.1	136.4
147.5°	150.0	145.3	142.1	141.8
150°	154.3	149.6	147.1	146.4
152.5°	157.8	153.9	151.8	151.4
155°	161.4	157.8	155.7	155.7
157.5°	164.6	161.4	159.6	159.6
160°	167.1	164.6	163.2	163.5
162.5°	170.0	167.8	166.4	166.8
165°	172.1	170.3	169.3	170.0
167.5°	173.5	172.5	171.8	172.1
170°	175.0	174.3	173.9	174.3
172.5°	176.0	175.3	175.0	175.7
175°	176.8	176.4	176.0	176.8
177.5°	177.1	176.8	176.8	177.5
180°	177.1	177.1	177.1	177.1

(END OF REPORT)