

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: P1031717

Luminaire Tested: S123DIW-B560D1030UB50-4F0-XX-W2A-A

Issue Date: 5/6/2025

Test Information

Test Method: LM-79-2019
Report Number: P1031717
REPORT IS A COMBINATION OF REPORTS P991566 AND P1007351
Test Lab: INNOVATION CENTER
Issue Date: 5/6/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: NEO-RAY
Catalog Number: S123DIW-B560D1030UB50-4F0-XX-W2A-A
Description: Define 3 Direct/Indirect Wall Mount with 5000K BioUP LEDs {m-DER=1.015} {m-EER=1.115}
Light Source: -
Ballast/Driver: -

Summary

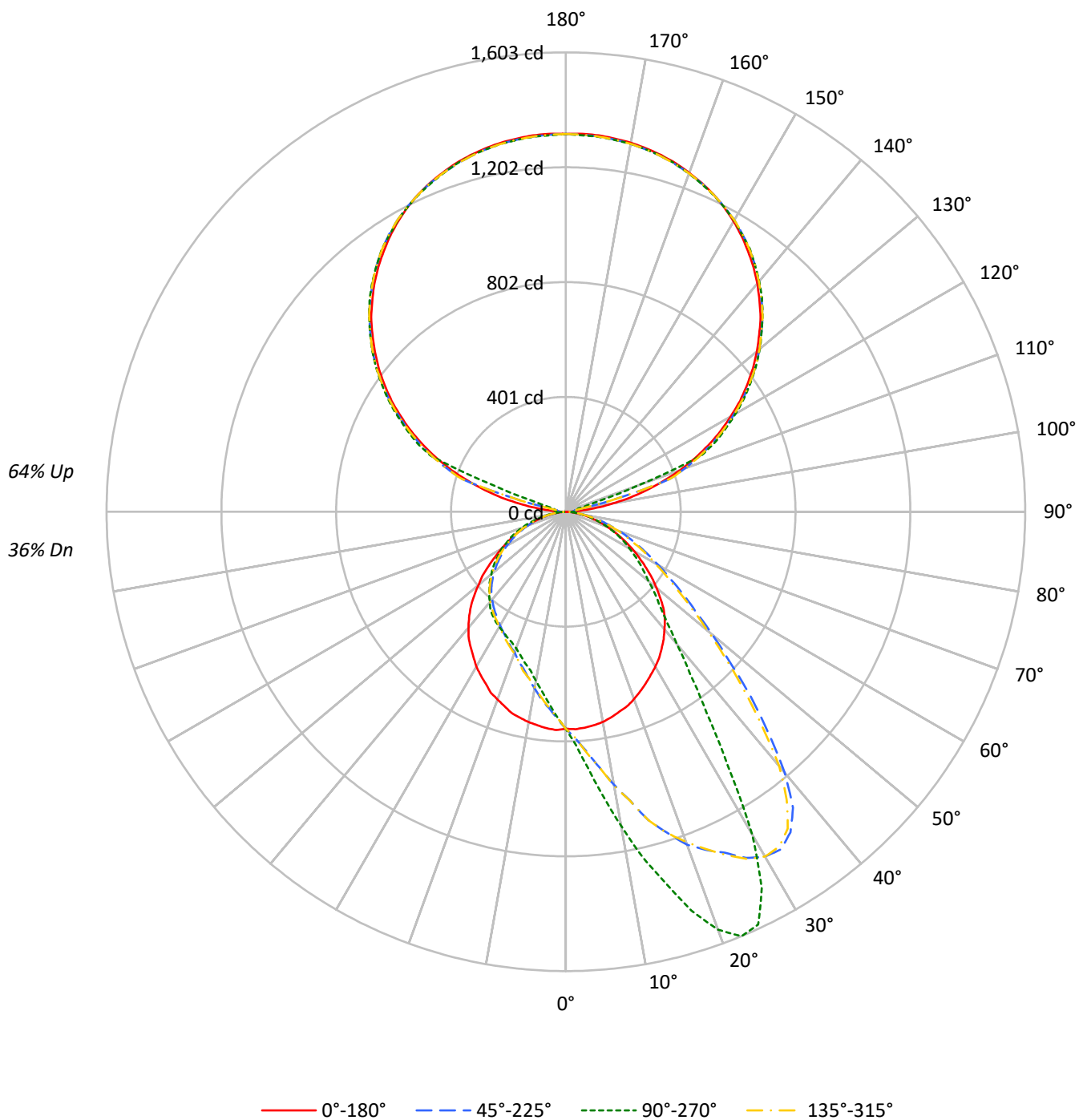
Lumens per Lamp: N/A
Luminaire Lumens: 6307.0 lumens
Efficiency: N/A
Efficacy: 113.6 lumens/watt
Spacing Criteria (0/90/45): 1.23 / 1.37 / 1.5
Luminous Opening: Rectangular w/ Sides (W: 0.25' x L: 4' x H: 0.1')
CIE Type: Semi-Indirect

Input Watts (W): 55.5
Input Voltage (V):
Input Current (A_{in}): 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: P1031717

CATALOG NUMBER: S123DIW-B560D1030UB50-4F0-XX-W2A-A

Luminous Intensity Polar Plot



TEST NUMBER: P1031717

CATALOG NUMBER: S123DIW-B560D1030UB50-4F0-XX-W2A-A

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20
RC	80				70				50				30				10
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10
RCR																	
0	104	104	104	104	94	94	94	94	76	76	76	59	59	59	44	44	44
1	95	91	87	84	86	82	79	76	67	64	62	52	51	49	39	38	37
2	87	79	74	69	78	72	67	63	59	55	52	46	44	42	34	33	32
3	79	70	63	57	71	64	58	53	52	47	44	41	38	35	31	29	27
4	72	62	54	48	65	56	50	45	46	41	37	36	33	30	27	25	23
5	66	55	47	41	60	50	43	38	41	36	32	33	29	26	25	22	20
6	61	49	42	36	55	45	38	33	37	32	28	29	26	23	22	20	18
7	56	45	37	31	51	41	34	29	34	28	25	27	23	20	20	18	16
8	52	40	33	28	47	37	30	26	31	25	22	24	21	18	19	16	14
9	49	37	29	25	44	34	27	23	28	23	19	22	19	16	17	15	13
10	45	34	27	22	41	31	25	20	26	21	17	21	17	15	16	14	12

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	8149	8149	8149	8149
5°	8155	9389	8179	7008
10°	8103	11363	8110	6120
15°	7991	13475	8055	5509
20°	7895	15514	7911	5068
25°	7751	15905	7768	4839
30°	7649	13141	7649	4689
35°	7523	8788	7475	4556
40°	7370	6344	7279	4353
45°	7179	5026	6973	4100
50°	6716	4267	6477	3852
55°	6208	3750	5956	3575
60°	5691	3266	5390	3284
65°	5125	2795	4876	2897
70°	4538	2321	4235	2442
75°	3880	1750	3629	1885
80°	3067	1168	2828	1238
85°	2113	536	1691	488

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 35°

Vertical Angle: 45°

Luminance: 13142 cd/sqm

TEST NUMBER: P1031717

CATALOG NUMBER: S123DIW-B560D1030UB50-4F0-XX-W2A-A

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	74.5	1.2
10°-20°	239.1	3.8
20°-30°	402.4	6.4
30°-40°	454.7	7.2
40°-50°	407.3	6.5
50°-60°	328.8	5.2
60°-70°	229.1	3.6
70°-80°	120.2	1.9
80°-90°	31.5	0.5
90°-100°	46.5	0.7
100°-110°	224.8	3.6
110°-120°	550.8	8.7
120°-130°	699.3	11.1
130°-140°	747.0	11.8
140°-150°	698.6	11.1
150°-160°	563.5	8.9
160°-170°	363.6	5.8
170°-180°	125.3	2.0
0°-30°	716.0	11.4
0°-40°	1170.7	18.6
0°-60°	1906.8	30.2
0°-90°	2287.6	36.3
90°-120°	822.1	13.0
90°-150°	2967.0	47.0
90°-180°	4019.0	63.7
0°-180°	6307.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	757	757	757	757	757	
5°	756	899	759	671	756	72
15°	722	1339	728	547	722	204
25°	660	1589	662	483	660	305
35°	582	856	579	444	582	365
45°	483	462	470	377	483	370
55°	343	314	329	299	343	307
65°	212	204	202	211	212	211
75°	102	105	95	113	102	109
85°	22	24	18	22	22	25
90°	1	29	1	29	1	5
95°	60	37	60	37	60	71
105°	292	43	292	43	292	309
115°	548	576	548	576	548	541
125°	772	788	772	788	772	690
135°	961	971	961	971	961	740
145°	1109	1120	1109	1120	1109	694
155°	1222	1220	1222	1220	1222	563
165°	1288	1285	1288	1285	1288	364
175°	1318	1314	1318	1314	1318	125
180°	1318	1318	1318	1318	1318	

TEST NUMBER: P1031717

CATALOG NUMBER: S123DIW-B560D1030UB50-4F0-XX-W2A-A

CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	757.1	757.1	757.1	757.1	757.1	757.1	757.1	757.1	757.1	757.1	757.1
2.5°	759.3	765.2	768.1	772.5	776.9	783.5	785.7	789.4	787.9	790.8	792.3
5°	756.4	766.6	775.4	786.4	796.7	804.0	811.4	823.1	831.9	833.4	840.0
7.5°	751.2	765.9	781.3	796.7	816.5	828.2	841.4	857.6	870.8	892.1	900.1
10°	744.6	765.2	787.2	808.4	835.6	853.9	870.1	897.2	924.3	946.4	966.9
12.5°	734.3	760.0	788.6	820.2	855.4	876.7	898.7	934.6	975.7	1009.4	1031.5
15°	721.9	754.1	790.8	824.6	863.5	903.1	926.5	966.9	1025.6	1057.1	1113.6
17.5°	711.6	744.6	781.3	834.1	886.9	926.5	943.4	1017.5	1057.9	1110.7	1174.5
20°	695.5	737.3	784.2	837.0	905.3	929.5	964.0	1038.8	1088.7	1157.6	1236.1
22.5°	678.6	723.3	779.8	834.8	911.1	936.8	983.8	1043.2	1122.4	1190.6	1277.2
25°	660.2	708.7	765.9	831.2	906.0	943.4	987.4	1060.8	1146.6	1232.5	1312.4
27.5°	641.9	694.7	754.1	819.4	892.1	936.1	980.1	1056.4	1166.4	1259.6	1361.6
30°	624.3	677.1	736.5	803.3	879.6	922.1	964.0	1059.3	1181.8	1286.7	1389.5
32.5°	605.2	659.5	721.9	777.6	854.7	900.1	947.1	1059.3	1191.4	1302.9	1396.8
35°	582.5	638.2	691.8	747.5	823.8	874.5	927.3	1052.0	1200.2	1308.0	1366.0
37.5°	560.5	609.6	655.8	710.1	790.1	844.4	905.3	1043.2	1195.8	1286.0	1302.2
40°	535.5	584.7	622.1	672.7	757.1	820.2	881.8	1031.5	1176.7	1233.9	1187.0
42.5°	511.3	550.2	582.5	631.6	723.3	785.0	851.7	1010.2	1139.3	1151.0	1045.4
45°	483.4	511.3	539.9	595.7	686.7	749.7	823.8	979.4	1079.1	1045.4	911.9
47.5°	447.5	472.4	504.0	555.3	647.8	713.1	783.5	939.8	991.8	921.4	775.4
50°	413.0	434.3	463.6	513.5	606.7	670.5	745.3	877.4	903.1	792.3	668.3
52.5°	378.5	394.7	423.3	473.2	566.3	628.0	696.2	813.6	798.9	680.1	570.0
55°	342.6	356.5	383.7	432.8	519.4	578.1	643.4	735.1	696.9	584.0	495.9
57.5°	307.4	322.1	349.9	391.0	472.4	529.7	581.8	653.6	596.4	506.2	428.4
60°	275.8	288.3	309.6	349.9	424.0	470.2	517.9	567.1	519.4	432.1	372.7
62.5°	242.8	254.6	274.4	311.0	374.9	416.0	454.1	494.5	441.6	377.8	325.0
65°	212.0	221.5	239.9	273.6	325.7	359.5	390.3	418.2	375.6	316.9	277.3
67.5°	184.1	192.2	207.6	237.7	281.7	305.9	330.9	354.3	318.4	271.4	237.7
70°	154.1	160.7	174.6	196.6	231.8	256.8	275.1	292.7	260.4	223.0	200.3
72.5°	127.6	134.3	143.1	165.8	190.0	205.4	225.2	234.8	216.4	185.6	162.9
75°	102.0	107.1	115.2	129.8	152.6	162.9	175.3	182.7	165.8	145.3	131.3
77.5°	80.0	82.2	88.0	98.3	113.7	125.4	135.0	139.4	127.6	114.4	102.7
80°	56.5	59.4	63.8	72.6	84.4	88.0	93.9	99.0	91.7	80.0	72.6
82.5°	37.4	41.1	43.3	47.0	54.3	58.7	60.2	64.6	58.0	53.6	50.6
85°	22.0	23.5	24.2	26.4	30.1	32.3	34.5	35.2	33.7	33.0	30.1
87.5°	11.0	11.0	11.0	12.5	13.2	14.7	15.4	15.4	15.4	14.7	13.9
90°	1.0	3.2	5.4	7.5	9.7	10.8	12.2	15.0	17.9	20.7	23.5
92.5°	22.5	21.2	19.9	18.6	17.3	16.7	17.7	19.6	21.6	23.5	25.5
95°	59.8	50.9	41.9	33.0	24.1	19.6	20.8	23.2	25.6	28.0	30.4
97.5°	108.7	102.6	96.5	90.4	84.3	81.3	75.7	64.6	53.5	42.4	31.3
100°	165.5	169.9	174.2	178.6	182.9	185.1	168.1	134.2	100.2	66.3	32.3
102.5°	230.2	233.0	235.8	238.7	241.5	242.9	224.0	186.1	148.2	110.4	72.5
105°	291.9	294.3	296.7	299.1	301.5	302.7	292.9	273.3	253.7	234.1	214.5
107.5°	357.5	359.5	361.4	363.4	365.3	366.3	367.9	371.2	374.5	377.7	381.0
110°	423.2	424.9	426.7	428.4	430.1	431.0	432.2	434.6	437.0	439.4	441.8

TEST NUMBER: P1031717

CATALOG NUMBER: S123DIW-B560D1030UB50-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	485.8	487.3	488.9	490.4	491.9	492.7	493.9	496.3	498.7	501.1	503.5
115°	547.6	548.9	550.2	551.5	552.8	553.4	554.4	556.3	558.3	560.2	562.2
117.5°	608.3	609.8	611.3	612.8	614.3	615.1	615.6	616.7	617.8	618.9	620.0
120°	664.1	666.1	668.0	670.0	671.9	672.9	673.2	673.9	674.6	675.2	675.9
122.5°	720.9	722.4	724.0	725.5	727.0	727.8	728.2	729.1	730.0	730.8	731.7
125°	771.9	773.6	775.4	777.1	778.8	779.7	780.1	781.0	781.9	782.7	783.6
127.5°	822.8	824.5	826.3	828.0	829.7	830.6	831.1	832.2	833.3	834.4	835.5
130°	869.8	871.6	873.3	875.1	876.8	877.7	878.1	879.0	879.9	880.7	881.6
132.5°	914.9	916.6	918.4	920.1	921.8	922.7	923.0	923.7	924.3	925.0	925.6
135°	960.9	962.2	963.5	964.8	966.1	966.8	967.2	968.1	969.0	969.8	970.7
137.5°	1000.1	1001.8	1003.6	1005.3	1007.0	1007.9	1008.1	1008.6	1009.0	1009.5	1009.9
140°	1039.3	1040.6	1041.9	1043.2	1044.5	1045.2	1045.5	1046.2	1046.8	1047.5	1048.1
142.5°	1075.5	1076.8	1078.1	1079.4	1080.7	1081.4	1081.7	1082.4	1083.0	1083.7	1084.3
145°	1108.8	1110.3	1111.9	1113.4	1114.9	1115.7	1115.9	1116.3	1116.8	1117.2	1117.6
147.5°	1141.1	1142.2	1143.3	1144.4	1145.5	1146.0	1146.2	1146.7	1147.1	1147.6	1148.0
150°	1170.5	1171.2	1171.8	1172.5	1173.2	1173.5	1173.7	1174.1	1174.6	1175.0	1175.4
152.5°	1197.0	1197.2	1197.4	1197.7	1197.9	1198.0	1198.1	1198.3	1198.5	1198.7	1198.9
155°	1221.5	1221.1	1220.6	1220.2	1219.7	1219.5	1219.6	1219.8	1220.1	1220.3	1220.5
157.5°	1241.1	1241.1	1241.1	1241.1	1241.1	1241.1	1241.0	1240.8	1240.5	1240.3	1240.1
160°	1258.7	1258.5	1258.3	1258.0	1257.8	1257.7	1257.6	1257.4	1257.1	1256.9	1256.7
162.5°	1275.3	1274.7	1274.0	1273.4	1272.7	1272.4	1272.3	1272.1	1271.8	1271.6	1271.4
165°	1288.1	1287.4	1286.8	1286.1	1285.4	1285.1	1285.0	1284.8	1284.6	1284.4	1284.2
167.5°	1298.8	1297.9	1297.1	1296.2	1295.3	1294.9	1294.9	1294.9	1294.9	1294.9	1294.9
170°	1307.7	1306.8	1305.9	1305.0	1304.1	1303.7	1303.7	1303.7	1303.7	1303.7	1303.7
172.5°	1313.5	1312.4	1311.3	1310.2	1309.1	1308.6	1308.7	1308.9	1309.2	1309.4	1309.6
175°	1318.4	1317.3	1316.2	1315.1	1314.0	1313.5	1313.6	1313.8	1314.1	1314.3	1314.5
177.5°	1320.4	1319.3	1318.2	1317.1	1316.0	1315.5	1315.6	1315.8	1316.1	1316.3	1316.5
180°	1318.4	1318.4	1318.4	1318.4	1318.4	1318.4	1318.4	1318.4	1318.4	1318.4	1318.4

TEST NUMBER: P1031717

CATALOG NUMBER: S123DIW-B560D1030UB50-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	757.1	757.1	757.1	757.1	757.1	757.1	757.1	757.1	757.1	757.1	757.1
2.5°	797.4	798.9	804.0	807.7	815.0	814.3	814.3	813.6	811.4	815.0	817.2
5°	853.2	865.7	867.1	883.3	884.0	890.6	895.0	891.3	900.1	899.4	892.8
7.5°	922.1	939.0	947.1	962.5	980.1	975.7	992.6	995.5	994.0	1001.4	1006.5
10°	997.7	1027.1	1047.6	1076.2	1083.5	1087.9	1098.9	1108.5	1127.6	1112.9	1122.4
12.5°	1084.3	1105.5	1132.7	1178.2	1200.9	1215.6	1220.7	1227.3	1240.5	1232.5	1233.2
15°	1156.9	1185.5	1231.7	1288.2	1294.8	1313.2	1308.8	1348.4	1367.4	1338.8	1355.0
17.5°	1232.5	1270.6	1325.6	1374.8	1402.7	1415.1	1426.9	1465.0	1463.5	1459.1	1462.8
20°	1280.9	1343.2	1411.5	1476.8	1484.8	1494.4	1525.9	1542.0	1539.1	1551.6	1559.7
22.5°	1349.1	1415.1	1487.8	1531.0	1549.4	1560.4	1585.3	1595.6	1600.0	1602.9	1597.8
25°	1406.3	1476.8	1530.3	1568.5	1579.5	1585.3	1593.4	1596.3	1594.1	1589.0	1593.4
27.5°	1445.2	1501.7	1538.4	1556.0	1550.1	1540.6	1525.2	1514.9	1492.2	1481.2	1494.4
30°	1461.3	1486.3	1497.3	1467.9	1438.6	1415.1	1385.8	1331.5	1288.9	1301.4	1284.5
32.5°	1435.7	1419.5	1366.7	1291.2	1268.4	1230.3	1147.4	1083.5	1085.7	1052.0	1065.9
35°	1360.1	1286.7	1187.0	1072.5	1042.5	1021.9	930.9	917.0	887.7	856.1	864.9
37.5°	1226.6	1119.5	998.4	914.1	869.3	824.6	773.2	742.4	724.8	711.6	721.9
40°	1063.7	933.1	833.4	757.8	719.7	691.1	655.8	625.0	605.2	603.0	606.7
42.5°	903.8	793.8	702.1	630.2	617.7	584.0	561.2	537.0	531.1	521.6	526.7
45°	765.2	675.7	600.1	541.4	526.7	517.9	490.1	474.6	468.0	462.2	471.0
47.5°	664.6	570.7	515.7	480.5	465.8	451.2	435.8	425.5	420.4	421.1	420.4
50°	567.8	498.9	450.4	423.3	414.5	404.2	391.7	385.1	382.9	376.3	381.5
52.5°	488.6	438.7	405.0	379.3	372.7	365.3	355.1	351.4	346.3	344.8	344.8
55°	424.8	385.9	358.7	341.9	333.8	327.9	322.1	317.7	314.0	314.0	314.0
57.5°	374.9	341.1	321.3	306.6	303.7	297.8	291.2	291.2	286.1	285.4	287.6
60°	332.3	302.2	286.8	274.4	270.0	268.5	261.9	261.9	260.4	256.8	259.7
62.5°	289.0	267.0	253.8	244.3	239.9	239.9	234.8	231.1	231.1	231.8	230.4
65°	249.4	233.3	221.5	214.2	212.0	209.1	208.3	205.4	203.2	203.9	203.2
67.5°	214.2	201.7	193.7	187.8	184.1	182.7	180.5	180.5	179.0	179.7	176.1
70°	182.7	170.2	163.6	157.7	156.3	156.3	153.3	154.1	152.6	154.8	153.3
72.5°	150.4	140.9	135.7	133.5	132.0	131.3	129.8	128.4	127.6	129.1	128.4
75°	121.8	113.7	110.0	108.6	107.1	107.1	106.4	105.6	104.9	104.9	104.9
77.5°	94.6	89.5	85.1	86.6	84.4	85.1	82.9	82.9	83.6	82.9	82.9
80°	69.7	66.0	66.0	64.6	61.6	63.1	63.1	60.9	60.2	61.6	59.4
82.5°	46.2	45.5	44.0	43.3	41.8	42.5	41.8	41.1	40.3	41.8	40.3
85°	27.1	27.1	26.4	24.9	26.4	25.7	24.9	24.9	24.2	24.2	24.2
87.5°	13.9	12.5	12.5	11.7	12.5	11.0	11.7	11.0	10.3	11.0	10.3
90°	24.4	25.2	26.1	27.0	27.4	27.6	28.1	28.5	29.0	29.4	29.0
92.5°	27.0	28.5	30.0	31.5	32.3	32.4	32.6	32.9	33.1	33.3	33.1
95°	31.9	33.4	34.9	36.4	37.2	37.2	37.2	37.2	37.2	37.2	37.2
97.5°	33.1	34.8	36.6	38.3	39.2	39.3	39.5	39.8	40.0	40.2	40.0
100°	34.1	35.8	37.6	39.3	40.2	40.3	40.5	40.7	40.9	41.1	40.9
102.5°	65.3	58.1	51.0	43.8	40.2	40.4	40.8	41.3	41.7	42.1	41.7
105°	176.0	137.4	98.9	60.4	41.1	41.3	41.8	42.2	42.7	43.1	42.7
107.5°	347.5	314.0	280.5	247.0	230.2	215.9	187.4	158.9	130.4	101.9	130.4
110°	434.6	427.4	420.2	413.0	409.4	393.8	362.7	331.6	300.5	269.4	300.5

TEST NUMBER: P1031717

CATALOG NUMBER: S123DIW-B560D1030UB50-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	505.5	507.4	509.4	511.3	512.3	512.1	511.6	511.2	510.7	510.3	510.7
115°	564.4	566.6	568.7	570.9	572.0	572.4	573.3	574.2	575.1	576.0	575.1
117.5°	621.8	623.5	625.3	627.0	627.9	628.0	628.2	628.5	628.7	628.9	628.7
120°	677.6	679.4	681.1	682.8	683.7	683.7	683.7	683.7	683.7	683.7	683.7
122.5°	732.8	733.9	735.0	736.1	736.6	736.7	736.9	737.2	737.4	737.6	737.4
125°	784.0	784.5	784.9	785.4	785.6	785.8	786.2	786.7	787.1	787.5	787.1
127.5°	836.2	836.8	837.5	838.2	838.5	838.3	837.8	837.4	836.9	836.5	836.9
130°	882.5	883.3	884.2	885.1	885.5	885.3	884.8	884.4	883.9	883.5	883.9
132.5°	926.5	927.4	928.3	929.2	929.6	929.3	928.6	927.9	927.3	926.6	927.3
135°	971.3	972.0	972.6	973.3	973.6	973.3	972.6	972.0	971.3	970.7	971.3
137.5°	1011.0	1012.1	1013.2	1014.3	1014.8	1014.6	1014.1	1013.7	1013.2	1012.8	1013.2
140°	1049.0	1049.8	1050.7	1051.6	1052.0	1051.8	1051.3	1050.9	1050.4	1050.0	1050.4
142.5°	1085.0	1085.6	1086.3	1087.0	1087.3	1087.0	1086.3	1085.6	1085.0	1084.3	1085.0
145°	1118.0	1118.5	1118.9	1119.4	1119.6	1119.6	1119.6	1119.6	1119.6	1119.6	1119.6
147.5°	1148.4	1148.9	1149.3	1149.8	1150.0	1149.5	1148.4	1147.3	1146.2	1145.1	1146.2
150°	1175.8	1176.3	1176.7	1177.2	1177.4	1177.1	1176.4	1175.7	1175.1	1174.4	1175.1
152.5°	1199.8	1200.7	1201.6	1202.5	1202.9	1202.4	1201.3	1200.2	1199.1	1198.0	1199.1
155°	1221.6	1222.7	1223.8	1224.9	1225.4	1224.7	1223.4	1222.1	1220.8	1219.5	1220.8
157.5°	1241.4	1242.7	1244.0	1245.3	1246.0	1245.1	1243.4	1241.6	1239.9	1238.1	1239.9
160°	1258.0	1259.3	1260.6	1261.9	1262.6	1261.8	1260.3	1258.8	1257.2	1255.7	1257.2
162.5°	1272.9	1274.5	1276.0	1277.5	1278.3	1277.6	1276.3	1275.0	1273.7	1272.4	1273.7
165°	1285.9	1287.7	1289.4	1291.1	1292.0	1291.2	1289.7	1288.2	1286.6	1285.1	1286.6
167.5°	1296.7	1298.4	1300.2	1301.9	1302.8	1301.9	1300.2	1298.4	1296.7	1294.9	1296.7
170°	1305.5	1307.2	1309.0	1310.7	1311.6	1310.7	1309.0	1307.2	1305.5	1303.7	1305.5
172.5°	1311.4	1313.1	1314.9	1316.6	1317.5	1316.5	1314.5	1312.6	1310.6	1308.6	1310.6
175°	1316.0	1317.6	1319.1	1320.6	1321.4	1320.5	1318.8	1317.0	1315.3	1313.5	1315.3
177.5°	1318.2	1320.0	1321.7	1323.4	1324.3	1323.2	1321.0	1318.9	1316.7	1314.5	1316.7
180°	1318.4	1318.4	1318.4	1318.4	1318.4	1318.4	1318.4	1318.4	1318.4	1318.4	1318.4

TEST NUMBER: P1031717

CATALOG NUMBER: S123DIW-B560D1030UB50-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	757.1	757.1	757.1	757.1	757.1	757.1	757.1	757.1	757.1	757.1	757.1
2.5°	811.4	813.6	807.7	806.2	806.2	809.2	807.0	787.2	790.8	786.4	785.0
5°	900.9	896.5	890.6	887.7	884.0	873.7	873.0	850.3	845.9	831.2	824.6
7.5°	999.2	995.5	977.9	975.7	974.2	964.7	940.5	916.3	898.7	881.8	865.7
10°	1111.4	1100.4	1092.3	1076.2	1068.1	1054.9	1023.4	1000.6	970.6	944.9	911.1
12.5°	1246.4	1233.9	1206.8	1195.0	1184.8	1148.1	1116.6	1090.9	1032.2	1014.6	972.8
15°	1345.4	1319.0	1316.1	1290.4	1288.9	1248.6	1188.4	1160.6	1115.1	1050.5	1007.2
17.5°	1452.5	1429.1	1410.7	1379.9	1375.5	1337.4	1293.4	1225.1	1175.2	1113.6	1058.6
20°	1531.0	1518.6	1487.0	1474.6	1448.9	1416.6	1371.1	1286.7	1225.9	1164.2	1096.7
22.5°	1593.4	1580.9	1556.0	1539.1	1524.4	1482.6	1428.3	1356.4	1272.8	1192.1	1122.4
25°	1592.7	1589.0	1578.7	1570.7	1559.7	1528.8	1483.4	1414.4	1321.2	1232.5	1135.6
27.5°	1502.4	1512.7	1530.3	1539.1	1536.9	1532.5	1506.8	1448.9	1365.2	1259.6	1151.0
30°	1314.6	1352.0	1385.1	1429.1	1442.3	1474.6	1489.2	1456.2	1389.5	1291.2	1170.8
32.5°	1090.1	1144.4	1216.3	1240.5	1282.3	1344.7	1414.4	1426.9	1385.1	1309.5	1183.3
35°	894.3	939.0	994.8	1032.9	1070.3	1171.6	1259.6	1335.9	1349.8	1300.0	1180.4
37.5°	740.2	771.8	820.9	853.2	887.7	974.2	1097.5	1196.5	1266.2	1267.7	1172.3
40°	628.7	642.6	685.2	708.7	741.7	816.5	926.5	1055.7	1157.6	1204.6	1151.0
42.5°	532.6	550.9	586.2	603.8	625.0	690.3	763.0	885.5	1011.6	1112.1	1111.4
45°	475.4	488.6	504.7	519.4	543.6	582.5	665.4	757.1	878.1	991.8	1036.6
47.5°	424.8	437.2	453.4	457.8	473.9	510.6	561.2	641.2	754.1	867.1	951.5
50°	382.2	392.5	403.5	411.6	418.9	449.0	487.1	554.6	644.8	754.1	859.1
52.5°	349.2	356.5	366.1	370.5	377.1	399.1	428.4	478.3	552.4	652.2	754.1
55°	318.4	323.5	329.4	336.7	339.7	355.8	378.5	421.1	476.1	565.6	662.4
57.5°	289.8	292.0	295.6	300.0	303.7	317.7	337.5	366.1	414.5	483.4	575.1
60°	257.5	263.4	265.6	270.0	272.2	283.2	298.6	322.8	360.2	419.6	488.6
62.5°	230.4	234.0	237.7	239.9	245.0	248.7	261.2	283.2	314.0	358.0	420.4
65°	206.1	207.6	209.8	212.0	213.5	217.9	229.6	244.3	267.8	306.6	355.1
67.5°	178.3	179.7	182.7	183.4	184.9	190.7	197.3	209.8	229.6	259.0	298.6
70°	151.1	153.3	154.8	156.3	158.5	160.7	168.0	178.3	193.7	214.2	245.0
72.5°	127.6	129.8	129.8	131.3	130.6	133.5	140.9	148.2	158.5	175.3	202.5
75°	104.2	104.2	105.6	106.4	107.1	110.0	113.0	118.8	126.9	140.1	157.0
77.5°	82.2	81.4	82.9	82.9	82.9	85.1	88.0	91.0	96.1	105.6	118.8
80°	60.2	60.2	61.6	62.4	60.9	61.6	63.1	66.0	69.7	76.3	83.6
82.5°	39.6	42.5	41.8	42.5	41.8	43.3	44.0	44.8	46.2	49.2	54.3
85°	24.2	24.2	24.2	24.9	24.2	24.9	24.9	24.9	25.7	27.1	29.3
87.5°	10.3	10.3	10.3	11.0	10.3	10.3	11.0	10.3	11.0	11.0	11.7
90°	28.5	28.1	27.6	27.4	27.0	26.1	25.2	24.4	23.5	20.7	17.9
92.5°	32.9	32.6	32.4	32.3	31.5	30.0	28.5	27.0	25.5	23.5	21.6
95°	37.2	37.2	37.2	37.2	36.4	34.9	33.4	31.9	30.4	28.0	25.6
97.5°	39.8	39.5	39.3	39.2	38.3	36.6	34.8	33.1	31.3	42.4	53.5
100°	40.7	40.5	40.3	40.2	39.3	37.6	35.8	34.1	32.3	66.3	100.2
102.5°	41.3	40.8	40.4	40.2	43.8	51.0	58.1	65.3	72.5	110.4	148.2
105°	42.2	41.8	41.3	41.1	60.4	98.9	137.4	176.0	214.5	234.1	253.7
107.5°	158.9	187.4	215.9	230.2	247.0	280.5	314.0	347.5	381.0	377.7	374.5
110°	331.6	362.7	393.8	409.4	413.0	420.2	427.4	434.6	441.8	439.4	437.0

TEST NUMBER: P1031717

CATALOG NUMBER: S123DIW-B560D1030UB50-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	511.2	511.6	512.1	512.3	511.3	509.4	507.4	505.5	503.5	501.1	498.7
115°	574.2	573.3	572.4	572.0	570.9	568.7	566.6	564.4	562.2	560.2	558.3
117.5°	628.5	628.2	628.0	627.9	627.0	625.3	623.5	621.8	620.0	618.9	617.8
120°	683.7	683.7	683.7	683.7	682.8	681.1	679.4	677.6	675.9	675.2	674.6
122.5°	737.2	736.9	736.7	736.6	736.1	735.0	733.9	732.8	731.7	730.8	730.0
125°	786.7	786.2	785.8	785.6	785.4	784.9	784.5	784.0	783.6	782.7	781.9
127.5°	837.4	837.8	838.3	838.5	838.2	837.5	836.8	836.2	835.5	834.4	833.3
130°	884.4	884.8	885.3	885.5	885.1	884.2	883.3	882.5	881.6	880.7	879.9
132.5°	927.9	928.6	929.3	929.6	929.2	928.3	927.4	926.5	925.6	925.0	924.3
135°	972.0	972.6	973.3	973.6	973.3	972.6	972.0	971.3	970.7	969.8	969.0
137.5°	1013.7	1014.1	1014.6	1014.8	1014.3	1013.2	1012.1	1011.0	1009.9	1009.5	1009.0
140°	1050.9	1051.3	1051.8	1052.0	1051.6	1050.7	1049.8	1049.0	1048.1	1047.5	1046.8
142.5°	1085.6	1086.3	1087.0	1087.3	1087.0	1086.3	1085.6	1085.0	1084.3	1083.7	1083.0
145°	1119.6	1119.6	1119.6	1119.6	1119.4	1118.9	1118.5	1118.0	1117.6	1117.2	1116.8
147.5°	1147.3	1148.4	1149.5	1150.0	1149.8	1149.3	1148.9	1148.4	1148.0	1147.6	1147.1
150°	1175.7	1176.4	1177.1	1177.4	1177.2	1176.7	1176.3	1175.8	1175.4	1175.0	1174.6
152.5°	1200.2	1201.3	1202.4	1202.9	1202.5	1201.6	1200.7	1199.8	1198.9	1198.7	1198.5
155°	1222.1	1223.4	1224.7	1225.4	1224.9	1223.8	1222.7	1221.6	1220.5	1220.3	1220.1
157.5°	1241.6	1243.4	1245.1	1246.0	1245.3	1244.0	1242.7	1241.4	1240.1	1240.3	1240.5
160°	1258.8	1260.3	1261.8	1262.6	1261.9	1260.6	1259.3	1258.0	1256.7	1256.9	1257.1
162.5°	1275.0	1276.3	1277.6	1278.3	1277.5	1276.0	1274.5	1272.9	1271.4	1271.6	1271.8
165°	1288.2	1289.7	1291.2	1292.0	1291.1	1289.4	1287.7	1285.9	1284.2	1284.4	1284.6
167.5°	1298.4	1300.2	1301.9	1302.8	1301.9	1300.2	1298.4	1296.7	1294.9	1294.9	1294.9
170°	1307.2	1309.0	1310.7	1311.6	1310.7	1309.0	1307.2	1305.5	1303.7	1303.7	1303.7
172.5°	1312.6	1314.5	1316.5	1317.5	1316.6	1314.9	1313.1	1311.4	1309.6	1309.4	1309.2
175°	1317.0	1318.8	1320.5	1321.4	1320.6	1319.1	1317.6	1316.0	1314.5	1314.3	1314.1
177.5°	1318.9	1321.0	1323.2	1324.3	1323.4	1321.7	1320.0	1318.2	1316.5	1316.3	1316.1
180°	1318.4	1318.4	1318.4	1318.4	1318.4	1318.4	1318.4	1318.4	1318.4	1318.4	1318.4

TEST NUMBER: P1031717

CATALOG NUMBER: S123DIW-B560D1030UB50-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
0°	757.1	757.1	757.1	757.1	757.1	757.1	757.1	757.1	757.1	757.1	757.1
2.5°	777.6	775.4	775.4	774.0	769.6	761.5	760.8	762.2	757.8	753.4	746.8
5°	815.8	801.8	797.4	793.0	784.2	769.6	763.7	758.6	750.5	740.9	730.7
7.5°	848.1	828.2	822.4	814.3	796.7	776.2	763.0	751.9	740.9	727.7	715.3
10°	888.4	859.8	845.9	834.1	809.9	781.3	761.5	745.3	727.7	711.6	695.5
12.5°	933.9	887.7	883.3	854.7	826.8	784.2	760.0	736.5	713.1	693.3	676.4
15°	972.0	921.4	903.1	884.0	830.4	777.6	754.1	727.7	700.6	679.3	654.4
17.5°	996.2	954.4	915.5	889.9	834.1	787.2	741.7	711.6	683.0	653.6	633.1
20°	1025.6	964.7	930.9	896.5	841.4	779.8	734.3	696.9	661.7	635.3	610.4
22.5°	1054.9	972.8	944.9	907.5	842.9	772.5	721.1	683.7	643.4	617.0	589.8
25°	1052.0	984.5	938.3	906.7	828.2	765.9	705.7	661.7	624.3	590.6	563.4
27.5°	1054.2	971.3	924.3	887.7	818.0	756.4	689.6	643.4	604.5	569.3	540.7
30°	1054.9	951.5	910.4	866.4	798.9	733.6	671.3	624.3	583.2	545.1	519.4
32.5°	1052.7	935.4	884.0	844.4	768.8	711.6	650.0	600.1	558.3	523.1	498.9
35°	1047.6	916.3	856.9	807.0	738.0	680.1	630.2	578.8	534.1	501.8	473.9
37.5°	1033.7	895.7	828.2	779.1	702.1	643.4	599.4	556.8	513.5	475.4	451.9
40°	1023.4	867.9	799.6	746.1	663.2	606.0	569.3	528.9	486.4	451.9	429.2
42.5°	999.9	841.4	770.3	706.5	625.0	566.3	531.9	499.6	462.9	429.2	408.6
45°	961.8	812.8	734.3	669.8	583.2	527.5	495.9	469.5	437.2	405.0	384.4
47.5°	908.2	771.8	696.2	631.6	542.1	485.6	454.1	434.3	408.6	381.5	363.9
50°	850.3	727.0	657.3	593.5	502.5	447.5	416.7	398.3	381.5	356.5	339.7
52.5°	774.7	679.3	612.6	551.7	460.0	407.2	380.0	366.8	349.2	331.6	316.9
55°	701.3	617.7	562.7	504.7	418.2	369.0	342.6	328.7	318.4	303.7	292.0
57.5°	616.2	560.5	509.9	457.0	379.3	334.5	309.6	292.7	286.1	279.5	268.5
60°	537.7	495.2	454.1	410.1	338.9	298.6	274.4	261.2	254.6	250.2	242.8
62.5°	465.8	432.8	397.6	362.4	297.8	261.2	242.8	229.6	223.8	223.0	216.4
65°	396.9	373.4	344.8	310.3	259.7	227.4	209.8	201.7	195.1	195.1	190.0
67.5°	327.9	311.8	289.0	264.8	225.2	195.1	179.0	171.7	168.0	168.0	164.3
70°	272.9	261.9	241.4	220.1	185.6	162.9	150.4	143.8	141.6	142.3	139.4
72.5°	221.5	209.8	192.9	177.5	151.9	135.0	126.2	118.8	115.2	115.9	115.2
75°	171.7	165.8	151.1	139.4	118.8	107.1	99.0	95.4	92.4	93.2	91.7
77.5°	129.1	120.3	112.2	104.2	91.7	82.2	75.6	71.9	69.7	69.7	69.7
80°	88.0	86.6	80.0	75.6	65.3	58.0	52.8	52.1	49.9	49.9	49.9
82.5°	57.2	53.6	49.9	47.0	41.1	36.7	34.5	33.0	32.3	31.5	33.0
85°	31.5	29.3	27.9	24.9	22.7	20.5	18.3	17.6	16.9	17.6	16.9
87.5°	12.5	10.3	10.3	9.5	8.8	8.1	8.1	6.6	6.6	5.9	5.9
90°	15.0	12.2	10.8	9.7	7.5	5.4	3.2	1.0	3.2	5.4	7.5
92.5°	19.6	17.7	16.7	17.3	18.6	19.9	21.2	22.5	21.2	19.9	18.6
95°	23.2	20.8	19.6	24.1	33.0	41.9	50.9	59.8	50.9	41.9	33.0
97.5°	64.6	75.7	81.3	84.3	90.4	96.5	102.6	108.7	102.6	96.5	90.4
100°	134.2	168.1	185.1	182.9	178.6	174.2	169.9	165.5	169.9	174.2	178.6
102.5°	186.1	224.0	242.9	241.5	238.7	235.8	233.0	230.2	233.0	235.8	238.7
105°	273.3	292.9	302.7	301.5	299.1	296.7	294.3	291.9	294.3	296.7	299.1
107.5°	371.2	367.9	366.3	365.3	363.4	361.4	359.5	357.5	359.5	361.4	363.4
110°	434.6	432.2	431.0	430.1	428.4	426.7	424.9	423.2	424.9	426.7	428.4

TEST NUMBER: P1031717

CATALOG NUMBER: S123DIW-B560D1030UB50-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
112.5°	496.3	493.9	492.7	491.9	490.4	488.9	487.3	485.8	487.3	488.9	490.4
115°	556.3	554.4	553.4	552.8	551.5	550.2	548.9	547.6	548.9	550.2	551.5
117.5°	616.7	615.6	615.1	614.3	612.8	611.3	609.8	608.3	609.8	611.3	612.8
120°	673.9	673.2	672.9	671.9	670.0	668.0	666.1	664.1	666.1	668.0	670.0
122.5°	729.1	728.2	727.8	727.0	725.5	724.0	722.4	720.9	722.4	724.0	725.5
125°	781.0	780.1	779.7	778.8	777.1	775.4	773.6	771.9	773.6	775.4	777.1
127.5°	832.2	831.1	830.6	829.7	828.0	826.3	824.5	822.8	824.5	826.3	828.0
130°	879.0	878.1	877.7	876.8	875.1	873.3	871.6	869.8	871.6	873.3	875.1
132.5°	923.7	923.0	922.7	921.8	920.1	918.4	916.6	914.9	916.6	918.4	920.1
135°	968.1	967.2	966.8	966.1	964.8	963.5	962.2	960.9	962.2	963.5	964.8
137.5°	1008.6	1008.1	1007.9	1007.0	1005.3	1003.6	1001.8	1000.1	1001.8	1003.6	1005.3
140°	1046.2	1045.5	1045.2	1044.5	1043.2	1041.9	1040.6	1039.3	1040.6	1041.9	1043.2
142.5°	1082.4	1081.7	1081.4	1080.7	1079.4	1078.1	1076.8	1075.5	1076.8	1078.1	1079.4
145°	1116.3	1115.9	1115.7	1114.9	1113.4	1111.9	1110.3	1108.8	1110.3	1111.9	1113.4
147.5°	1146.7	1146.2	1146.0	1145.5	1144.4	1143.3	1142.2	1141.1	1142.2	1143.3	1144.4
150°	1174.1	1173.7	1173.5	1173.2	1172.5	1171.8	1171.2	1170.5	1171.2	1171.8	1172.5
152.5°	1198.3	1198.1	1198.0	1197.9	1197.7	1197.4	1197.2	1197.0	1197.2	1197.4	1197.7
155°	1219.8	1219.6	1219.5	1219.7	1220.2	1220.6	1221.1	1221.5	1221.1	1220.6	1220.2
157.5°	1240.8	1241.0	1241.1	1241.1	1241.1	1241.1	1241.1	1241.1	1241.1	1241.1	1241.1
160°	1257.4	1257.6	1257.7	1257.8	1258.0	1258.3	1258.5	1258.7	1258.5	1258.3	1258.0
162.5°	1272.1	1272.3	1272.4	1272.7	1273.4	1274.0	1274.7	1275.3	1274.7	1274.0	1273.4
165°	1284.8	1285.0	1285.1	1285.4	1286.1	1286.8	1287.4	1288.1	1287.4	1286.8	1286.1
167.5°	1294.9	1294.9	1294.9	1295.3	1296.2	1297.1	1297.9	1298.8	1297.9	1297.1	1296.2
170°	1303.7	1303.7	1303.7	1304.1	1305.0	1305.9	1306.8	1307.7	1306.8	1305.9	1305.0
172.5°	1308.9	1308.7	1308.6	1309.1	1310.2	1311.3	1312.4	1313.5	1312.4	1311.3	1310.2
175°	1313.8	1313.6	1313.5	1314.0	1315.1	1316.2	1317.3	1318.4	1317.3	1316.2	1315.1
177.5°	1315.8	1315.6	1315.5	1316.0	1317.1	1318.2	1319.3	1320.4	1319.3	1318.2	1317.1
180°	1318.4	1318.4	1318.4	1318.4	1318.4	1318.4	1318.4	1318.4	1318.4	1318.4	1318.4

TEST NUMBER: P1031717

CATALOG NUMBER: S123DIW-B560D1030UB50-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
0°	757.1	757.1	757.1	757.1	757.1	757.1	757.1	757.1	757.1	757.1	757.1
2.5°	745.3	744.6	746.1	741.7	734.3	730.7	720.4	718.2	717.5	718.2	718.9
5°	724.8	724.1	721.9	714.5	705.7	699.1	686.7	685.9	681.5	677.1	679.3
7.5°	705.0	702.1	697.7	688.1	676.4	669.1	658.8	651.4	645.6	641.9	639.0
10°	685.2	680.8	676.4	663.9	649.2	638.2	625.8	619.9	613.3	610.4	607.4
12.5°	659.5	655.1	647.0	632.4	623.6	609.6	597.2	591.3	587.6	581.8	578.1
15°	639.0	630.2	625.8	610.4	592.0	590.6	567.8	566.3	559.0	559.0	553.1
17.5°	615.5	608.9	600.8	585.4	572.2	559.0	547.3	542.9	536.3	534.8	531.9
20°	592.8	584.0	581.0	565.6	551.7	535.5	523.1	518.7	515.7	512.8	515.0
22.5°	569.3	561.9	554.6	540.7	530.4	514.3	506.9	502.5	498.1	496.7	497.4
25°	546.5	539.9	532.6	518.7	507.7	494.5	487.8	485.6	483.4	483.4	482.7
27.5°	524.5	517.9	511.3	498.9	487.8	478.3	473.2	471.0	468.8	470.2	471.7
30°	501.8	495.9	490.1	479.0	470.2	461.4	458.5	457.0	456.3	460.0	460.0
32.5°	481.2	476.1	471.7	461.4	452.6	445.3	443.1	443.8	444.6	446.8	448.2
35°	460.0	456.3	451.9	443.1	435.8	429.2	429.9	429.9	431.4	435.0	438.0
37.5°	440.9	435.8	432.1	424.8	418.9	413.0	415.2	417.4	418.9	423.3	424.8
40°	418.2	416.0	413.0	405.7	400.6	399.8	400.6	402.0	405.0	407.2	409.4
42.5°	399.8	396.9	393.2	387.3	382.9	383.7	384.4	385.9	387.3	391.0	393.2
45°	379.3	377.1	374.1	369.0	365.3	366.1	366.8	366.8	368.3	372.7	374.1
47.5°	356.5	357.3	353.6	348.5	346.3	346.3	346.3	347.7	351.4	352.9	353.6
50°	334.5	333.1	332.3	327.2	325.7	325.0	325.7	326.5	331.6	330.9	333.1
52.5°	311.0	311.0	310.3	307.4	305.2	305.2	303.7	307.4	308.8	310.3	312.5
55°	288.3	286.1	285.4	283.9	281.0	280.2	281.7	286.1	287.6	289.0	291.2
57.5°	263.4	263.4	261.9	259.7	259.7	259.7	259.7	262.6	264.8	266.3	270.7
60°	240.6	237.7	235.5	235.5	235.5	234.8	239.2	239.2	243.6	244.3	245.8
62.5°	213.5	212.0	210.5	211.3	210.5	212.0	213.5	216.4	217.1	219.3	221.5
65°	187.8	187.8	186.3	190.7	187.8	187.8	191.5	191.5	192.9	195.1	198.1
67.5°	162.9	163.6	162.1	162.1	163.6	164.3	165.1	168.0	168.7	171.7	175.3
70°	137.2	138.7	139.4	137.9	139.4	140.9	142.3	143.1	146.0	147.5	149.7
72.5°	114.4	115.9	113.7	114.4	115.2	116.6	117.4	118.8	120.3	124.7	126.2
75°	91.7	91.0	90.2	93.2	91.7	94.6	95.4	95.4	96.8	100.5	102.0
77.5°	70.4	70.4	71.2	69.7	71.9	71.2	71.9	74.1	76.3	76.3	82.2
80°	49.2	50.6	50.6	50.6	51.4	52.1	50.6	54.3	55.0	55.0	57.2
82.5°	31.5	32.3	31.5	33.0	33.0	34.5	33.7	34.5	35.9	37.4	38.1
85°	16.9	16.9	18.3	18.3	17.6	18.3	17.6	18.3	19.8	19.8	20.5
87.5°	5.9	5.9	5.9	5.9	6.6	5.9	6.6	6.6	5.9	5.9	8.1
90°	9.7	10.8	12.2	15.0	17.9	20.7	23.5	24.4	25.2	26.1	27.0
92.5°	17.3	16.7	17.7	19.6	21.6	23.5	25.5	27.0	28.5	30.0	31.5
95°	24.1	19.6	20.8	23.2	25.6	28.0	30.4	31.9	33.4	34.9	36.4
97.5°	84.3	81.3	75.7	64.6	53.5	42.4	31.3	33.1	34.8	36.6	38.3
100°	182.9	185.1	168.1	134.2	100.2	66.3	32.3	34.1	35.8	37.6	39.3
102.5°	241.5	242.9	224.0	186.1	148.2	110.4	72.5	65.3	58.1	51.0	43.8
105°	301.5	302.7	292.9	273.3	253.7	234.1	214.5	176.0	137.4	98.9	60.4
107.5°	365.3	366.3	367.9	371.2	374.5	377.7	381.0	347.5	314.0	280.5	247.0
110°	430.1	431.0	432.2	434.6	437.0	439.4	441.8	434.6	427.4	420.2	413.0

TEST NUMBER: P1031717

CATALOG NUMBER: S123DIW-B560D1030UB50-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
112.5°	491.9	492.7	493.9	496.3	498.7	501.1	503.5	505.5	507.4	509.4	511.3
115°	552.8	553.4	554.4	556.3	558.3	560.2	562.2	564.4	566.6	568.7	570.9
117.5°	614.3	615.1	615.6	616.7	617.8	618.9	620.0	621.8	623.5	625.3	627.0
120°	671.9	672.9	673.2	673.9	674.6	675.2	675.9	677.6	679.4	681.1	682.8
122.5°	727.0	727.8	728.2	729.1	730.0	730.8	731.7	732.8	733.9	735.0	736.1
125°	778.8	779.7	780.1	781.0	781.9	782.7	783.6	784.0	784.5	784.9	785.4
127.5°	829.7	830.6	831.1	832.2	833.3	834.4	835.5	836.2	836.8	837.5	838.2
130°	876.8	877.7	878.1	879.0	879.9	880.7	881.6	882.5	883.3	884.2	885.1
132.5°	921.8	922.7	923.0	923.7	924.3	925.0	925.6	926.5	927.4	928.3	929.2
135°	966.1	966.8	967.2	968.1	969.0	969.8	970.7	971.3	972.0	972.6	973.3
137.5°	1007.0	1007.9	1008.1	1008.6	1009.0	1009.5	1009.9	1011.0	1012.1	1013.2	1014.3
140°	1044.5	1045.2	1045.5	1046.2	1046.8	1047.5	1048.1	1049.0	1049.8	1050.7	1051.6
142.5°	1080.7	1081.4	1081.7	1082.4	1083.0	1083.7	1084.3	1085.0	1085.6	1086.3	1087.0
145°	1114.9	1115.7	1115.9	1116.3	1116.8	1117.2	1117.6	1118.0	1118.5	1118.9	1119.4
147.5°	1145.5	1146.0	1146.2	1146.7	1147.1	1147.6	1148.0	1148.4	1148.9	1149.3	1149.8
150°	1173.2	1173.5	1173.7	1174.1	1174.6	1175.0	1175.4	1175.8	1176.3	1176.7	1177.2
152.5°	1197.9	1198.0	1198.1	1198.3	1198.5	1198.7	1198.9	1199.8	1200.7	1201.6	1202.5
155°	1219.7	1219.5	1219.6	1219.8	1220.1	1220.3	1220.5	1221.6	1222.7	1223.8	1224.9
157.5°	1241.1	1241.1	1241.0	1240.8	1240.5	1240.3	1240.1	1241.4	1242.7	1244.0	1245.3
160°	1257.8	1257.7	1257.6	1257.4	1257.1	1256.9	1256.7	1258.0	1259.3	1260.6	1261.9
162.5°	1272.7	1272.4	1272.3	1272.1	1271.8	1271.6	1271.4	1272.9	1274.5	1276.0	1277.5
165°	1285.4	1285.1	1285.0	1284.8	1284.6	1284.4	1284.2	1285.9	1287.7	1289.4	1291.1
167.5°	1295.3	1294.9	1294.9	1294.9	1294.9	1294.9	1294.9	1296.7	1298.4	1300.2	1301.9
170°	1304.1	1303.7	1303.7	1303.7	1303.7	1303.7	1303.7	1305.5	1307.2	1309.0	1310.7
172.5°	1309.1	1308.6	1308.7	1308.9	1309.2	1309.4	1309.6	1311.4	1313.1	1314.9	1316.6
175°	1314.0	1313.5	1313.6	1313.8	1314.1	1314.3	1314.5	1316.0	1317.6	1319.1	1320.6
177.5°	1316.0	1315.5	1315.6	1315.8	1316.1	1316.3	1316.5	1318.2	1320.0	1321.7	1323.4
180°	1318.4	1318.4	1318.4	1318.4	1318.4	1318.4	1318.4	1318.4	1318.4	1318.4	1318.4

TEST NUMBER: P1031717

CATALOG NUMBER: S123DIW-B560D1030UB50-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
0°	757.1	757.1	757.1	757.1	757.1	757.1	757.1	757.1	757.1	757.1	757.1
2.5°	718.2	718.9	716.0	713.8	719.7	716.0	716.0	716.7	715.3	717.5	716.7
5°	677.9	678.6	673.5	674.9	672.0	671.3	670.5	674.9	674.2	673.5	674.9
7.5°	638.2	638.2	636.0	634.6	634.6	632.4	635.3	634.6	636.0	636.0	638.2
10°	605.2	606.7	603.0	599.4	598.6	599.4	599.4	600.1	600.8	606.0	605.2
12.5°	578.1	575.9	575.1	572.9	569.3	567.8	566.3	574.4	572.2	572.2	572.2
15°	548.0	553.1	552.4	545.8	544.3	547.3	545.8	545.8	553.1	552.4	551.7
17.5°	531.9	530.4	528.9	525.3	526.0	525.3	526.0	526.0	530.4	530.4	530.4
20°	513.5	510.6	510.6	509.1	509.1	506.9	509.9	510.6	513.5	513.5	514.3
22.5°	497.4	495.2	495.2	494.5	495.9	493.0	495.9	496.7	496.7	498.9	498.9
25°	483.4	482.0	482.0	483.4	483.4	483.4	483.4	486.4	484.2	484.9	484.2
27.5°	471.0	471.7	472.4	473.2	472.4	473.2	473.9	475.4	476.1	475.4	473.9
30°	459.2	461.4	462.2	462.2	463.6	464.4	465.1	465.1	465.8	463.6	465.1
32.5°	450.4	450.4	451.9	452.6	454.1	454.8	454.8	456.3	455.6	453.4	454.1
35°	438.0	438.0	440.9	442.4	444.6	443.8	444.6	444.6	445.3	443.8	441.6
37.5°	425.5	427.0	427.0	429.9	430.6	431.4	430.6	432.1	431.4	429.9	429.2
40°	410.8	410.1	410.8	413.0	413.8	413.8	413.8	415.2	415.2	415.2	414.5
42.5°	392.5	394.7	393.9	396.1	395.4	395.4	396.9	398.3	399.1	396.9	397.6
45°	374.9	374.9	376.3	376.3	377.1	377.1	380.0	378.5	380.0	378.5	379.3
47.5°	355.8	356.5	356.5	357.3	358.7	360.2	358.7	359.5	359.5	360.2	358.7
50°	334.5	334.5	336.0	338.2	341.1	339.7	338.9	341.9	339.7	339.7	338.2
52.5°	312.5	314.7	315.5	317.7	319.9	320.6	321.3	319.9	320.6	318.4	319.1
55°	291.2	292.0	294.9	297.1	299.3	299.3	298.6	299.3	300.0	297.1	297.1
57.5°	270.0	272.2	275.1	275.1	278.0	278.0	277.3	277.3	278.0	275.8	275.1
60°	247.2	249.4	253.1	253.1	257.5	258.2	256.8	255.3	255.3	253.1	253.8
62.5°	223.0	225.2	227.4	231.1	234.0	232.6	235.5	232.6	233.3	228.9	228.9
65°	201.7	202.5	206.1	209.8	209.8	211.3	209.8	210.5	208.3	208.3	205.4
67.5°	176.8	176.8	180.5	184.1	187.8	187.8	187.8	185.6	185.6	183.4	183.4
70°	154.8	154.1	157.7	159.9	162.1	162.9	161.4	160.7	159.2	157.0	156.3
72.5°	127.6	129.1	132.8	134.3	137.9	137.2	140.9	136.5	136.5	132.8	132.0
75°	103.4	104.9	108.6	110.8	113.0	113.0	115.2	113.0	110.0	108.6	107.8
77.5°	82.2	81.4	84.4	88.0	88.8	88.0	89.5	88.8	85.8	85.8	84.4
80°	58.7	60.9	63.8	63.1	66.0	65.3	65.3	63.8	63.8	61.6	63.1
82.5°	38.9	41.1	41.8	41.1	41.8	43.3	44.0	43.3	43.3	41.8	42.5
85°	20.5	20.5	22.0	22.7	22.0	22.0	22.7	24.9	23.5	22.0	23.5
87.5°	6.6	5.9	5.9	6.6	5.9	5.9	6.6	6.6	7.3	7.3	7.3
90°	27.4	27.6	28.1	28.5	29.0	29.4	29.0	28.5	28.1	27.6	27.4
92.5°	32.3	32.4	32.6	32.9	33.1	33.3	33.1	32.9	32.6	32.4	32.3
95°	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2
97.5°	39.2	39.3	39.5	39.8	40.0	40.2	40.0	39.8	39.5	39.3	39.2
100°	40.2	40.3	40.5	40.7	40.9	41.1	40.9	40.7	40.5	40.3	40.2
102.5°	40.2	40.4	40.8	41.3	41.7	42.1	41.7	41.3	40.8	40.4	40.2
105°	41.1	41.3	41.8	42.2	42.7	43.1	42.7	42.2	41.8	41.3	41.1
107.5°	230.2	215.9	187.4	158.9	130.4	101.9	130.4	158.9	187.4	215.9	230.2
110°	409.4	393.8	362.7	331.6	300.5	269.4	300.5	331.6	362.7	393.8	409.4

TEST NUMBER: P1031717

CATALOG NUMBER: S123DIW-B560D1030UB50-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
112.5°	512.3	512.1	511.6	511.2	510.7	510.3	510.7	511.2	511.6	512.1	512.3
115°	572.0	572.4	573.3	574.2	575.1	576.0	575.1	574.2	573.3	572.4	572.0
117.5°	627.9	628.0	628.2	628.5	628.7	628.9	628.7	628.5	628.2	628.0	627.9
120°	683.7	683.7	683.7	683.7	683.7	683.7	683.7	683.7	683.7	683.7	683.7
122.5°	736.6	736.7	736.9	737.2	737.4	737.6	737.4	737.2	736.9	736.7	736.6
125°	785.6	785.8	786.2	786.7	787.1	787.5	787.1	786.7	786.2	785.8	785.6
127.5°	838.5	838.3	837.8	837.4	836.9	836.5	836.9	837.4	837.8	838.3	838.5
130°	885.5	885.3	884.8	884.4	883.9	883.5	883.9	884.4	884.8	885.3	885.5
132.5°	929.6	929.3	928.6	927.9	927.3	926.6	927.3	927.9	928.6	929.3	929.6
135°	973.6	973.3	972.6	972.0	971.3	970.7	971.3	972.0	972.6	973.3	973.6
137.5°	1014.8	1014.6	1014.1	1013.7	1013.2	1012.8	1013.2	1013.7	1014.1	1014.6	1014.8
140°	1052.0	1051.8	1051.3	1050.9	1050.4	1050.0	1050.4	1050.9	1051.3	1051.8	1052.0
142.5°	1087.3	1087.0	1086.3	1085.6	1085.0	1084.3	1085.0	1085.6	1086.3	1087.0	1087.3
145°	1119.6	1119.6	1119.6	1119.6	1119.6	1119.6	1119.6	1119.6	1119.6	1119.6	1119.6
147.5°	1150.0	1149.5	1148.4	1147.3	1146.2	1145.1	1146.2	1147.3	1148.4	1149.5	1150.0
150°	1177.4	1177.1	1176.4	1175.7	1175.1	1174.4	1175.1	1175.7	1176.4	1177.1	1177.4
152.5°	1202.9	1202.4	1201.3	1200.2	1199.1	1198.0	1199.1	1200.2	1201.3	1202.4	1202.9
155°	1225.4	1224.7	1223.4	1222.1	1220.8	1219.5	1220.8	1222.1	1223.4	1224.7	1225.4
157.5°	1246.0	1245.1	1243.4	1241.6	1239.9	1238.1	1239.9	1241.6	1243.4	1245.1	1246.0
160°	1262.6	1261.8	1260.3	1258.8	1257.2	1255.7	1257.2	1258.8	1260.3	1261.8	1262.6
162.5°	1278.3	1277.6	1276.3	1275.0	1273.7	1272.4	1273.7	1275.0	1276.3	1277.6	1278.3
165°	1292.0	1291.2	1289.7	1288.2	1286.6	1285.1	1286.6	1288.2	1289.7	1291.2	1292.0
167.5°	1302.8	1301.9	1300.2	1298.4	1296.7	1294.9	1296.7	1298.4	1300.2	1301.9	1302.8
170°	1311.6	1310.7	1309.0	1307.2	1305.5	1303.7	1305.5	1307.2	1309.0	1310.7	1311.6
172.5°	1317.5	1316.5	1314.5	1312.6	1310.6	1308.6	1310.6	1312.6	1314.5	1316.5	1317.5
175°	1321.4	1320.5	1318.8	1317.0	1315.3	1313.5	1315.3	1317.0	1318.8	1320.5	1321.4
177.5°	1324.3	1323.2	1321.0	1318.9	1316.7	1314.5	1316.7	1318.9	1321.0	1323.2	1324.3
180°	1318.4	1318.4	1318.4	1318.4	1318.4	1318.4	1318.4	1318.4	1318.4	1318.4	1318.4

TEST NUMBER: P1031717

CATALOG NUMBER: S123DIW-B560D1030UB50-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
0°	757.1	757.1	757.1	757.1	757.1	757.1	757.1	757.1	757.1	757.1	757.1
2.5°	718.9	720.4	721.1	718.2	716.0	719.7	724.8	728.5	731.4	735.1	737.3
5°	676.4	681.5	681.5	683.0	685.2	688.9	698.4	705.0	710.9	715.3	718.9
7.5°	640.4	644.1	646.3	650.0	653.6	658.8	669.8	679.3	688.1	693.3	699.1
10°	608.2	611.1	614.8	617.0	623.6	630.9	644.8	652.9	663.2	671.3	678.6
12.5°	577.3	587.6	589.8	589.1	595.0	603.0	617.0	629.4	640.4	648.5	656.6
15°	555.3	559.0	563.4	562.7	575.1	577.3	589.1	603.8	618.4	623.6	630.9
17.5°	531.1	537.0	541.4	543.6	547.3	555.3	566.3	577.3	596.4	597.2	616.2
20°	512.1	517.9	520.9	523.8	526.0	535.5	545.1	557.5	572.9	581.0	591.3
22.5°	499.6	502.5	504.7	506.9	509.9	515.0	526.7	540.7	550.9	559.7	566.3
25°	484.9	487.8	490.8	492.3	494.5	497.4	506.2	517.2	531.9	537.7	544.3
27.5°	474.6	474.6	476.1	476.1	479.0	482.0	488.6	498.9	510.6	517.9	526.7
30°	463.6	462.9	463.6	462.9	462.2	466.6	472.4	481.2	489.3	498.1	504.0
32.5°	452.6	451.9	451.9	452.6	449.7	451.9	454.8	462.9	471.7	476.1	482.7
35°	440.9	439.4	439.4	439.4	438.0	436.5	439.4	446.8	452.6	458.5	463.6
37.5°	429.2	427.0	427.0	425.5	424.0	421.8	421.8	427.7	435.8	438.0	444.6
40°	413.0	413.0	411.6	410.8	409.4	407.9	405.7	410.8	418.2	420.4	425.5
42.5°	396.9	394.7	393.9	393.9	393.9	391.7	390.3	393.9	398.3	402.0	405.0
45°	378.5	377.1	377.8	377.1	375.6	374.9	374.1	375.6	380.7	382.2	385.9
47.5°	358.7	358.0	358.0	357.3	356.5	357.3	354.3	358.0	359.5	360.9	363.9
50°	338.2	337.5	336.7	336.0	336.0	336.7	336.0	336.0	338.9	340.4	343.3
52.5°	317.7	315.5	315.5	314.7	314.7	313.3	314.7	315.5	316.9	318.4	319.9
55°	295.6	295.6	293.4	293.4	292.0	292.0	292.7	292.0	294.9	296.4	296.4
57.5°	274.4	271.4	272.2	270.7	269.2	268.5	268.5	270.0	271.4	271.4	272.9
60°	251.6	248.7	248.0	245.0	246.5	244.3	245.0	245.0	248.0	246.5	248.0
62.5°	228.9	225.2	223.0	221.5	221.5	222.3	220.8	220.1	221.5	223.0	226.0
65°	204.7	202.5	200.3	198.1	198.1	197.3	198.8	196.6	195.9	196.6	198.1
67.5°	179.7	177.5	175.3	173.1	173.9	171.7	170.2	172.4	170.9	171.7	173.1
70°	155.5	154.1	149.7	148.2	147.5	148.2	147.5	146.0	148.2	147.5	148.2
72.5°	131.3	129.8	127.6	124.0	124.0	123.2	122.5	122.5	121.8	121.8	121.8
75°	107.8	104.9	102.7	102.0	100.5	99.8	99.0	97.6	98.3	99.0	97.6
77.5°	83.6	80.0	79.2	79.2	77.0	77.0	77.8	77.0	76.3	76.3	76.3
80°	61.6	58.7	58.7	57.2	55.8	55.8	55.8	55.8	55.0	54.3	55.0
82.5°	39.6	38.9	38.1	38.1	39.6	36.7	38.1	37.4	36.7	36.7	35.9
85°	22.0	22.7	22.0	22.7	21.3	22.0	22.0	22.0	21.3	22.0	20.5
87.5°	8.1	8.1	8.1	8.8	8.8	8.8	8.8	8.8	9.5	8.8	8.8
90°	27.0	26.1	25.2	24.4	23.5	20.7	17.9	15.0	12.2	10.8	9.7
92.5°	31.5	30.0	28.5	27.0	25.5	23.5	21.6	19.6	17.7	16.7	17.3
95°	36.4	34.9	33.4	31.9	30.4	28.0	25.6	23.2	20.8	19.6	24.1
97.5°	38.3	36.6	34.8	33.1	31.3	42.4	53.5	64.6	75.7	81.3	84.3
100°	39.3	37.6	35.8	34.1	32.3	66.3	100.2	134.2	168.1	185.1	182.9
102.5°	43.8	51.0	58.1	65.3	72.5	110.4	148.2	186.1	224.0	242.9	241.5
105°	60.4	98.9	137.4	176.0	214.5	234.1	253.7	273.3	292.9	302.7	301.5
107.5°	247.0	280.5	314.0	347.5	381.0	377.7	374.5	371.2	367.9	366.3	365.3
110°	413.0	420.2	427.4	434.6	441.8	439.4	437.0	434.6	432.2	431.0	430.1

TEST NUMBER: P1031717

CATALOG NUMBER: S123DIW-B560D1030UB50-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
112.5°	511.3	509.4	507.4	505.5	503.5	501.1	498.7	496.3	493.9	492.7	491.9
115°	570.9	568.7	566.6	564.4	562.2	560.2	558.3	556.3	554.4	553.4	552.8
117.5°	627.0	625.3	623.5	621.8	620.0	618.9	617.8	616.7	615.6	615.1	614.3
120°	682.8	681.1	679.4	677.6	675.9	675.2	674.6	673.9	673.2	672.9	671.9
122.5°	736.1	735.0	733.9	732.8	731.7	730.8	730.0	729.1	728.2	727.8	727.0
125°	785.4	784.9	784.5	784.0	783.6	782.7	781.9	781.0	780.1	779.7	778.8
127.5°	838.2	837.5	836.8	836.2	835.5	834.4	833.3	832.2	831.1	830.6	829.7
130°	885.1	884.2	883.3	882.5	881.6	880.7	879.9	879.0	878.1	877.7	876.8
132.5°	929.2	928.3	927.4	926.5	925.6	925.0	924.3	923.7	923.0	922.7	921.8
135°	973.3	972.6	972.0	971.3	970.7	969.8	969.0	968.1	967.2	966.8	966.1
137.5°	1014.3	1013.2	1012.1	1011.0	1009.9	1009.5	1009.0	1008.6	1008.1	1007.9	1007.0
140°	1051.6	1050.7	1049.8	1049.0	1048.1	1047.5	1046.8	1046.2	1045.5	1045.2	1044.5
142.5°	1087.0	1086.3	1085.6	1085.0	1084.3	1083.7	1083.0	1082.4	1081.7	1081.4	1080.7
145°	1119.4	1118.9	1118.5	1118.0	1117.6	1117.2	1116.8	1116.3	1115.9	1115.7	1114.9
147.5°	1149.8	1149.3	1148.9	1148.4	1148.0	1147.6	1147.1	1146.7	1146.2	1146.0	1145.5
150°	1177.2	1176.7	1176.3	1175.8	1175.4	1175.0	1174.6	1174.1	1173.7	1173.5	1173.2
152.5°	1202.5	1201.6	1200.7	1199.8	1198.9	1198.7	1198.5	1198.3	1198.1	1198.0	1197.9
155°	1224.9	1223.8	1222.7	1221.6	1220.5	1220.3	1220.1	1219.8	1219.6	1219.5	1219.7
157.5°	1245.3	1244.0	1242.7	1241.4	1240.1	1240.3	1240.5	1240.8	1241.0	1241.1	1241.1
160°	1261.9	1260.6	1259.3	1258.0	1256.7	1256.9	1257.1	1257.4	1257.6	1257.7	1257.8
162.5°	1277.5	1276.0	1274.5	1272.9	1271.4	1271.6	1271.8	1272.1	1272.3	1272.4	1272.7
165°	1291.1	1289.4	1287.7	1285.9	1284.2	1284.4	1284.6	1284.8	1285.0	1285.1	1285.4
167.5°	1301.9	1300.2	1298.4	1296.7	1294.9	1294.9	1294.9	1294.9	1294.9	1294.9	1295.3
170°	1310.7	1309.0	1307.2	1305.5	1303.7	1303.7	1303.7	1303.7	1303.7	1303.7	1304.1
172.5°	1316.6	1314.9	1313.1	1311.4	1309.6	1309.4	1309.2	1308.9	1308.7	1308.6	1309.1
175°	1320.6	1319.1	1317.6	1316.0	1314.5	1314.3	1314.1	1313.8	1313.6	1313.5	1314.0
177.5°	1323.4	1321.7	1320.0	1318.2	1316.5	1316.3	1316.1	1315.8	1315.6	1315.5	1316.0
180°	1318.4	1318.4	1318.4	1318.4	1318.4	1318.4	1318.4	1318.4	1318.4	1318.4	1318.4

TEST NUMBER: P1031717

CATALOG NUMBER: S123DIW-B560D1030UB50-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
0°	757.1	757.1	757.1	757.1
2.5°	740.9	743.1	750.5	759.3
5°	726.3	732.1	742.4	756.4
7.5°	710.1	718.9	733.6	751.2
10°	691.8	704.3	722.6	744.6
12.5°	672.0	688.1	711.6	734.3
15°	659.5	675.7	696.9	721.9
17.5°	635.3	654.4	676.4	711.6
20°	610.4	631.6	660.2	695.5
22.5°	591.3	614.0	641.2	678.6
25°	568.5	592.0	621.4	660.2
27.5°	544.3	567.8	600.8	641.9
30°	526.0	548.7	580.3	624.3
32.5°	504.0	526.0	559.0	605.2
35°	479.0	504.0	535.5	582.5
37.5°	460.0	482.7	515.7	560.5
40°	439.4	459.2	491.5	535.5
42.5°	417.4	439.4	467.3	511.3
45°	396.9	413.0	441.6	483.4
47.5°	374.9	393.2	415.2	447.5
50°	351.4	366.8	391.0	413.0
52.5°	328.7	341.1	361.7	378.5
55°	304.4	316.9	332.3	342.6
57.5°	281.7	290.5	300.8	307.4
60°	253.8	262.6	269.2	275.8
62.5°	228.9	235.5	239.2	242.8
65°	203.2	206.9	209.1	212.0
67.5°	175.3	179.0	179.7	184.1
70°	149.7	150.4	151.9	154.1
72.5°	125.4	126.9	126.2	127.6
75°	100.5	102.0	100.5	102.0
77.5°	76.3	77.8	77.8	80.0
80°	55.0	55.8	56.5	56.5
82.5°	35.9	38.1	36.7	37.4
85°	20.5	21.3	21.3	22.0
87.5°	9.5	10.3	9.5	11.0
90°	7.5	5.4	3.2	1.0
92.5°	18.6	19.9	21.2	22.5
95°	33.0	41.9	50.9	59.8
97.5°	90.4	96.5	102.6	108.7
100°	178.6	174.2	169.9	165.5
102.5°	238.7	235.8	233.0	230.2
105°	299.1	296.7	294.3	291.9
107.5°	363.4	361.4	359.5	357.5
110°	428.4	426.7	424.9	423.2



TEST NUMBER: P1031717

CATALOG NUMBER: S123DIW-B560D1030UB50-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
112.5°	490.4	488.9	487.3	485.8
115°	551.5	550.2	548.9	547.6
117.5°	612.8	611.3	609.8	608.3
120°	670.0	668.0	666.1	664.1
122.5°	725.5	724.0	722.4	720.9
125°	777.1	775.4	773.6	771.9
127.5°	828.0	826.3	824.5	822.8
130°	875.1	873.3	871.6	869.8
132.5°	920.1	918.4	916.6	914.9
135°	964.8	963.5	962.2	960.9
137.5°	1005.3	1003.6	1001.8	1000.1
140°	1043.2	1041.9	1040.6	1039.3
142.5°	1079.4	1078.1	1076.8	1075.5
145°	1113.4	1111.9	1110.3	1108.8
147.5°	1144.4	1143.3	1142.2	1141.1
150°	1172.5	1171.8	1171.2	1170.5
152.5°	1197.7	1197.4	1197.2	1197.0
155°	1220.2	1220.6	1221.1	1221.5
157.5°	1241.1	1241.1	1241.1	1241.1
160°	1258.0	1258.3	1258.5	1258.7
162.5°	1273.4	1274.0	1274.7	1275.3
165°	1286.1	1286.8	1287.4	1288.1
167.5°	1296.2	1297.1	1297.9	1298.8
170°	1305.0	1305.9	1306.8	1307.7
172.5°	1310.2	1311.3	1312.4	1313.5
175°	1315.1	1316.2	1317.3	1318.4
177.5°	1317.1	1318.2	1319.3	1320.4
180°	1318.4	1318.4	1318.4	1318.4

(END OF REPORT)