

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: P1031696

Luminaire Tested: S123DIW-B560D1030UB27-4F0-XX-W2A-A

Issue Date: 5/7/2025

Test Information

Test Method: LM-79-2019
Report Number: P1031696
REPORT IS A COMBINATION OF REPORTS P991509 AND P1007351
Test Lab: INNOVATION CENTER
Issue Date: 5/7/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: NEO-RAY
Catalog Number: S123DIW-B560D1030UB27-4F0-XX-W2A-A
Description: Define 3 Direct/Indirect Wall Mount with 2700K BioUP LEDs {m-DER=0.473} {m-EER=0.52}
Light Source: -
Ballast/Driver: -

Summary

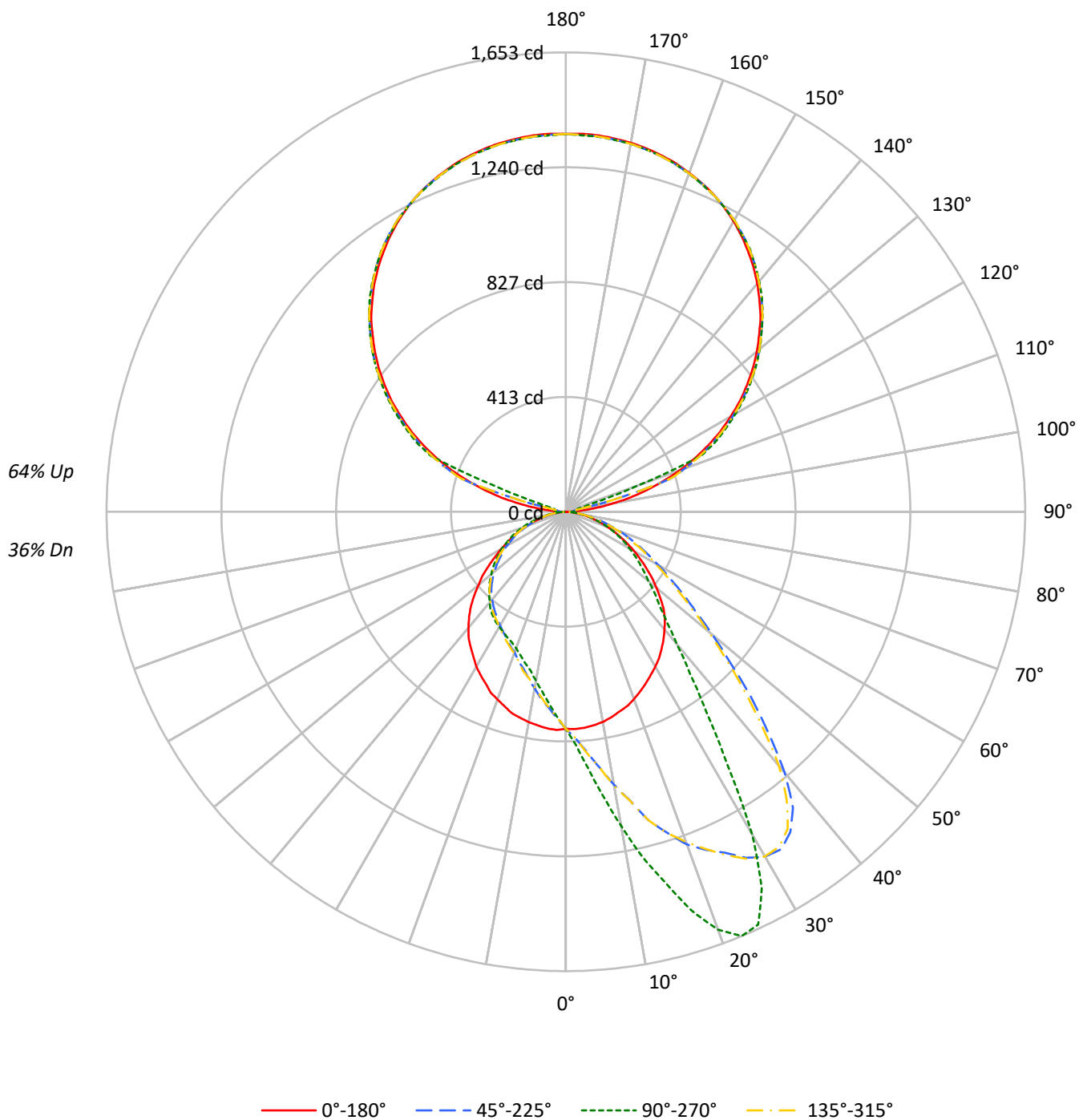
Lumens per Lamp: N/A
Luminaire Lumens: 6503.0 lumens
Efficiency: N/A
Efficacy: 117.2 lumens/watt
Spacing Criteria (0/90/45): 1.23 / 1.37 / 1.5
Luminous Opening: Rectangular w/ Sides (W: 0.25' x L: 4' x H: 0.1')
CIE Type: Semi-Indirect

Input Watts (W): 55.5
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	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°	8402	8402	8402	8402
5°	8408	9682	8432	7225
10°	8354	11716	8363	6310
15°	8239	13894	8307	5680
20°	8140	15996	8157	5226
25°	7992	16400	8010	4990
30°	7887	13549	7887	4835
35°	7756	9061	7707	4697
40°	7600	6542	7506	4488
45°	7403	5181	7189	4227
50°	6926	4400	6678	3971
55°	6400	3866	6141	3686
60°	5868	3366	5557	3387
65°	5284	2883	5028	2986
70°	4676	2393	4367	2517
75°	3998	1805	3739	1944
80°	3160	1204	2915	1276
85°	2180	554	1748	503

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 35°

Vertical Angle: 45°

Luminance: 13551 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	76.8	1.2
10°-20°	246.6	3.8
20°-30°	414.9	6.4
30°-40°	468.9	7.2
40°-50°	419.9	6.5
50°-60°	339.0	5.2
60°-70°	236.2	3.6
70°-80°	124.0	1.9
80°-90°	32.4	0.5
90°-100°	47.9	0.7
100°-110°	231.8	3.6
110°-120°	568.0	8.7
120°-130°	721.0	11.1
130°-140°	770.3	11.8
140°-150°	720.3	11.1
150°-160°	581.0	8.9
160°-170°	374.9	5.8
170°-180°	129.2	2.0
0°-30°	738.2	11.4
0°-40°	1207.1	18.6
0°-60°	1966.1	30.2
0°-90°	2358.7	36.3
90°-120°	847.7	13.0
90°-150°	3059.2	47.0
90°-180°	4144.0	63.7
0°-180°	6503.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	781	781	781	781	781	
5°	780	927	782	692	780	74
15°	744	1380	750	564	744	210
25°	681	1638	682	498	681	314
35°	601	883	597	458	601	376
45°	498	476	484	389	498	381
55°	353	324	339	309	353	316
65°	219	210	208	218	219	218
75°	105	108	98	116	105	113
85°	23	25	18	23	23	26
90°	1	30	1	30	1	5
95°	62	38	62	38	62	74
105°	301	44	301	44	301	319
115°	565	594	565	594	565	558
125°	796	812	796	812	796	711
135°	991	1001	991	1001	991	763
145°	1143	1154	1143	1154	1143	716
155°	1259	1257	1259	1257	1259	580
165°	1328	1325	1328	1325	1328	375
175°	1359	1354	1359	1354	1359	129
180°	1359	1359	1359	1359	1359	

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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	780.6	780.6	780.6	780.6	780.6	780.6	780.6	780.6	780.6	780.6	780.6
2.5°	782.9	788.9	792.0	796.5	801.0	807.8	810.1	813.9	812.4	815.4	816.9
5°	779.9	790.4	799.5	810.9	821.5	829.0	836.6	848.7	857.8	859.3	866.1
7.5°	774.6	789.7	805.6	821.5	841.9	854.0	867.6	884.2	897.9	919.8	928.1
10°	767.7	788.9	811.6	833.6	861.5	880.5	897.1	925.1	953.1	975.8	996.9
12.5°	757.2	783.6	813.1	845.7	882.0	903.9	926.6	963.7	1006.0	1040.8	1063.5
15°	744.3	777.6	815.4	850.2	890.3	931.1	955.3	996.9	1057.5	1090.0	1148.2
17.5°	733.7	767.7	805.6	860.0	914.5	955.3	972.7	1049.1	1090.7	1145.2	1211.0
20°	717.1	760.2	808.6	863.1	933.4	958.4	993.9	1071.1	1122.5	1193.6	1274.5
22.5°	699.7	745.8	804.1	860.8	939.5	965.9	1014.3	1075.6	1157.3	1227.6	1316.9
25°	680.8	730.7	789.7	857.0	934.2	972.7	1018.1	1093.8	1182.3	1270.8	1353.2
27.5°	661.9	716.3	777.6	844.9	919.8	965.2	1010.6	1089.2	1202.7	1298.7	1403.9
30°	643.7	698.2	759.4	828.3	906.9	950.8	993.9	1092.2	1218.6	1326.7	1432.6
32.5°	624.0	680.0	744.3	801.8	881.2	928.1	976.5	1092.2	1228.4	1343.4	1440.2
35°	600.6	658.1	713.3	770.8	849.4	901.6	956.1	1084.7	1237.5	1348.7	1408.4
37.5°	577.9	628.6	676.2	732.2	814.6	870.6	933.4	1075.6	1232.9	1326.0	1342.6
40°	552.2	602.9	641.4	693.6	780.6	845.7	909.2	1063.5	1213.3	1272.3	1223.9
42.5°	527.2	567.3	600.6	651.3	745.8	809.4	878.2	1041.6	1174.7	1186.8	1077.9
45°	498.5	527.2	556.7	614.2	708.0	773.0	849.4	1009.8	1112.7	1077.9	940.2
47.5°	461.4	487.1	519.6	572.6	667.9	735.2	807.8	969.0	1022.7	950.0	799.5
50°	425.9	447.8	478.0	529.5	625.5	691.4	768.5	904.7	931.1	816.9	689.1
52.5°	390.3	406.9	436.4	487.9	583.9	647.5	717.8	838.9	823.7	701.2	587.7
55°	353.2	367.6	395.6	446.3	535.5	596.0	663.4	757.9	718.6	602.1	511.3
57.5°	316.9	332.1	360.8	403.2	487.1	546.1	599.8	674.0	615.0	521.9	441.7
60°	284.4	297.3	319.2	360.8	437.2	484.9	534.0	584.7	535.5	445.5	384.3
62.5°	250.4	262.5	282.9	320.7	386.5	428.9	468.2	509.8	455.4	389.5	335.1
65°	218.6	228.4	247.3	282.1	335.8	370.6	402.4	431.1	387.3	326.8	285.9
67.5°	189.9	198.2	214.1	245.1	290.5	315.4	341.1	365.3	328.3	279.9	245.1
70°	158.8	165.7	180.0	202.7	239.0	264.7	283.7	301.8	268.5	229.9	206.5
72.5°	131.6	138.4	147.5	170.9	195.9	211.8	232.2	242.0	223.1	191.4	167.9
75°	105.1	110.4	118.8	133.9	157.3	167.9	180.8	188.3	170.9	149.8	135.4
77.5°	82.4	84.7	90.8	101.4	117.2	129.3	139.2	143.7	131.6	118.0	105.9
80°	58.2	61.3	65.8	74.9	87.0	90.8	96.8	102.1	94.6	82.4	74.9
82.5°	38.6	42.4	44.6	48.4	56.0	60.5	62.0	66.6	59.8	55.2	52.2
85°	22.7	24.2	25.0	27.2	31.0	33.3	35.6	36.3	34.8	34.0	31.0
87.5°	11.3	11.3	11.3	12.9	13.6	15.1	15.9	15.9	15.9	15.1	14.4
90°	1.0	3.2	5.5	7.7	10.0	11.1	12.6	15.5	18.4	21.3	24.2
92.5°	23.2	21.9	20.5	19.2	17.9	17.2	18.2	20.2	22.3	24.3	26.3
95°	61.6	52.4	43.2	34.0	24.8	20.2	21.4	23.9	26.4	28.8	31.3
97.5°	112.1	105.8	99.5	93.2	86.9	83.8	78.1	66.6	55.2	43.7	32.3
100°	170.7	175.2	179.7	184.2	188.7	190.9	173.4	138.4	103.3	68.3	33.3
102.5°	237.3	240.2	243.2	246.1	249.0	250.5	231.0	191.9	152.8	113.8	74.7
105°	301.0	303.5	305.9	308.4	310.9	312.1	302.0	281.8	261.6	241.4	221.2
107.5°	368.6	370.6	372.6	374.7	376.7	377.7	379.4	382.8	386.1	389.5	392.9
110°	436.3	438.1	439.9	441.7	443.5	444.4	445.6	448.1	450.6	453.0	455.5

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CATALOG NUMBER: S123DIW-B560D1030UB27-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	500.9	502.5	504.1	505.6	507.2	508.0	509.2	511.7	514.2	516.6	519.1
115°	564.6	565.9	567.3	568.6	569.9	570.6	571.6	573.6	575.7	577.7	579.7
117.5°	627.2	628.8	630.4	631.9	633.5	634.3	634.9	636.0	637.1	638.2	639.3
120°	684.8	686.8	688.8	690.8	692.8	693.8	694.1	694.8	695.5	696.2	696.9
122.5°	743.3	744.9	746.5	748.0	749.6	750.4	750.8	751.7	752.6	753.5	754.4
125°	795.9	797.7	799.5	801.2	803.0	803.9	804.4	805.3	806.2	807.1	808.0
127.5°	848.4	850.2	852.0	853.8	855.6	856.5	857.1	858.2	859.3	860.4	861.5
130°	896.8	898.6	900.4	902.2	904.0	904.9	905.4	906.3	907.2	908.1	909.0
132.5°	943.3	945.1	946.9	948.7	950.5	951.4	951.7	952.4	953.1	953.7	954.4
135°	990.8	992.1	993.5	994.8	996.1	996.8	997.3	998.2	999.1	1000.0	1000.9
137.5°	1031.2	1033.0	1034.8	1036.6	1038.4	1039.3	1039.5	1040.0	1040.4	1040.9	1041.3
140°	1071.6	1072.9	1074.3	1075.6	1076.9	1077.6	1077.9	1078.6	1079.3	1080.0	1080.7
142.5°	1108.9	1110.3	1111.6	1113.0	1114.3	1115.0	1115.3	1116.0	1116.7	1117.3	1118.0
145°	1143.3	1144.9	1146.5	1148.0	1149.6	1150.4	1150.6	1151.1	1151.5	1152.0	1152.4
147.5°	1176.6	1177.7	1178.9	1180.0	1181.1	1181.7	1181.9	1182.4	1182.8	1183.3	1183.7
150°	1206.9	1207.6	1208.2	1208.9	1209.6	1209.9	1210.1	1210.6	1211.1	1211.5	1212.0
152.5°	1234.2	1234.4	1234.6	1234.9	1235.1	1235.2	1235.3	1235.5	1235.8	1236.0	1236.2
155°	1259.4	1259.0	1258.5	1258.1	1257.6	1257.4	1257.5	1257.7	1258.0	1258.2	1258.4
157.5°	1279.6	1279.6	1279.6	1279.6	1279.6	1279.6	1279.5	1279.3	1279.0	1278.8	1278.6
160°	1297.8	1297.6	1297.4	1297.1	1296.9	1296.8	1296.7	1296.5	1296.2	1296.0	1295.8
162.5°	1315.0	1314.3	1313.6	1312.9	1312.2	1311.9	1311.8	1311.6	1311.3	1311.1	1310.9
165°	1328.1	1327.4	1326.8	1326.1	1325.4	1325.1	1325.0	1324.8	1324.5	1324.3	1324.1
167.5°	1339.2	1338.3	1337.4	1336.5	1335.6	1335.2	1335.2	1335.2	1335.2	1335.2	1335.2
170°	1348.3	1347.4	1346.5	1345.6	1344.7	1344.3	1344.3	1344.3	1344.3	1344.3	1344.3
172.5°	1354.4	1353.3	1352.1	1351.0	1349.9	1349.3	1349.4	1349.6	1349.9	1350.1	1350.3
175°	1359.4	1358.3	1357.2	1356.1	1355.0	1354.4	1354.5	1354.7	1355.0	1355.2	1355.4
177.5°	1361.4	1360.3	1359.2	1358.1	1357.0	1356.4	1356.5	1356.7	1357.0	1357.2	1357.4
180°	1359.4	1359.4	1359.4	1359.4	1359.4	1359.4	1359.4	1359.4	1359.4	1359.4	1359.4

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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	780.6	780.6	780.6	780.6	780.6	780.6	780.6	780.6	780.6	780.6	780.6
2.5°	822.2	823.7	829.0	832.8	840.4	839.6	839.6	838.9	836.6	840.4	842.6
5°	879.7	892.6	894.1	910.7	911.5	918.3	922.8	919.0	928.1	927.4	920.5
7.5°	950.8	968.2	976.5	992.4	1010.6	1006.0	1023.4	1026.4	1024.9	1032.5	1037.8
10°	1028.7	1059.0	1080.1	1109.6	1117.2	1121.7	1133.1	1142.9	1162.6	1147.5	1157.3
12.5°	1118.0	1139.9	1167.9	1214.8	1238.2	1253.4	1258.7	1265.5	1279.1	1270.8	1271.5
15°	1192.8	1222.3	1270.0	1328.2	1335.1	1354.0	1349.4	1390.3	1409.9	1380.4	1397.1
17.5°	1270.8	1310.1	1366.8	1417.5	1446.2	1459.1	1471.2	1510.5	1509.0	1504.5	1508.3
20°	1320.7	1385.0	1455.3	1522.6	1531.0	1540.8	1573.3	1590.0	1586.9	1599.8	1608.1
22.5°	1391.0	1459.1	1534.0	1578.6	1597.5	1608.9	1634.6	1645.2	1649.7	1652.7	1647.4
25°	1450.0	1522.6	1577.9	1617.2	1628.5	1634.6	1642.9	1645.9	1643.7	1638.4	1642.9
27.5°	1490.1	1548.4	1586.2	1604.3	1598.3	1588.4	1572.6	1562.0	1538.5	1527.2	1540.8
30°	1506.8	1532.5	1543.8	1513.6	1483.3	1459.1	1428.8	1372.9	1329.0	1341.9	1324.5
32.5°	1480.3	1463.6	1409.2	1331.3	1307.8	1268.5	1183.0	1117.2	1119.5	1084.7	1099.1
35°	1402.4	1326.7	1223.9	1105.9	1074.8	1053.7	959.9	945.5	915.2	882.7	891.8
37.5°	1264.7	1154.3	1029.5	942.5	896.3	850.2	797.2	765.5	747.3	733.7	744.3
40°	1096.8	962.1	859.3	781.4	742.0	712.5	676.2	644.5	624.0	621.8	625.5
42.5°	931.9	818.4	723.9	649.8	636.9	602.1	578.6	553.7	547.6	537.8	543.1
45°	788.9	696.6	618.7	558.2	543.1	534.0	505.3	489.4	482.6	476.5	485.6
47.5°	685.3	588.5	531.8	495.4	480.3	465.2	449.3	438.7	433.4	434.2	433.4
50°	585.5	514.4	464.4	436.4	427.4	416.8	403.9	397.1	394.8	388.0	393.3
52.5°	503.8	452.3	417.5	391.1	384.3	376.7	366.1	362.3	357.0	355.5	355.5
55°	438.0	397.9	369.9	352.5	344.2	338.1	332.1	327.5	323.7	323.7	323.7
57.5°	386.5	351.7	331.3	316.2	313.2	307.1	300.3	300.3	295.0	294.2	296.5
60°	342.7	311.6	295.8	282.9	278.4	276.8	270.0	270.0	268.5	264.7	267.8
62.5°	298.0	275.3	261.7	251.9	247.3	247.3	242.0	238.3	238.3	239.0	237.5
65°	257.2	240.5	228.4	220.9	218.6	215.6	214.8	211.8	209.5	210.3	209.5
67.5°	220.9	208.0	199.7	193.6	189.9	188.3	186.1	186.1	184.6	185.3	181.5
70°	188.3	175.5	168.7	162.6	161.1	161.1	158.1	158.8	157.3	159.6	158.1
72.5°	155.1	145.2	139.9	137.7	136.2	135.4	133.9	132.4	131.6	133.1	132.4
75°	125.6	117.2	113.5	111.9	110.4	110.4	109.7	108.9	108.2	108.2	108.2
77.5°	97.6	92.3	87.7	89.3	87.0	87.7	85.5	85.5	86.2	85.5	85.5
80°	71.9	68.1	68.1	66.6	63.5	65.1	65.1	62.8	62.0	63.5	61.3
82.5°	47.7	46.9	45.4	44.6	43.1	43.9	43.1	42.4	41.6	43.1	41.6
85°	28.0	28.0	27.2	25.7	27.2	26.5	25.7	25.7	25.0	25.0	25.0
87.5°	14.4	12.9	12.9	12.1	12.9	11.3	12.1	11.3	10.6	11.3	10.6
90°	25.1	26.0	26.9	27.8	28.3	28.5	29.0	29.4	29.9	30.3	29.9
92.5°	27.9	29.4	31.0	32.5	33.3	33.4	33.6	33.9	34.1	34.3	34.1
95°	32.9	34.5	36.0	37.6	38.4	38.4	38.4	38.4	38.4	38.4	38.4
97.5°	34.1	35.9	37.7	39.5	40.4	40.5	40.7	41.0	41.2	41.4	41.2
100°	35.1	36.9	38.7	40.5	41.4	41.5	41.7	42.0	42.2	42.4	42.2
102.5°	67.3	59.9	52.5	45.1	41.4	41.6	42.1	42.5	43.0	43.4	43.0
105°	181.5	141.7	102.0	62.3	42.4	42.6	43.1	43.5	44.0	44.4	44.0
107.5°	358.3	323.7	289.2	254.6	237.3	222.6	193.2	163.8	134.4	105.0	134.4
110°	448.1	440.7	433.3	425.9	422.2	406.1	374.0	341.9	309.8	277.7	309.8

TEST NUMBER: P1031696

CATALOG NUMBER: S123DIW-B560D1030UB27-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	521.1	523.1	525.2	527.2	528.2	528.0	527.5	527.1	526.6	526.2	526.6
115°	581.9	584.2	586.4	588.7	589.8	590.3	591.2	592.1	593.0	593.9	593.0
117.5°	641.1	642.9	644.7	646.5	647.4	647.5	647.7	648.0	648.2	648.4	648.2
120°	698.7	700.5	702.3	704.1	705.0	705.0	705.0	705.0	705.0	705.0	705.0
122.5°	755.5	756.7	757.8	758.9	759.5	759.6	759.8	760.1	760.3	760.5	760.3
125°	808.4	808.9	809.3	809.8	810.0	810.2	810.7	811.1	811.6	812.0	811.6
127.5°	862.2	862.8	863.5	864.2	864.5	864.3	863.8	863.4	862.9	862.5	862.9
130°	909.9	910.8	911.7	912.6	913.0	912.8	912.3	911.9	911.4	911.0	911.4
132.5°	955.3	956.2	957.1	958.0	958.5	958.2	957.5	956.8	956.1	955.4	956.1
135°	1001.6	1002.2	1002.9	1003.6	1003.9	1003.6	1002.9	1002.2	1001.6	1000.9	1001.6
137.5°	1042.4	1043.5	1044.6	1045.7	1046.3	1046.1	1045.6	1045.2	1044.7	1044.3	1044.7
140°	1081.6	1082.5	1083.4	1084.3	1084.7	1084.5	1084.0	1083.6	1083.1	1082.7	1083.1
142.5°	1118.7	1119.4	1120.1	1120.8	1121.1	1120.8	1120.1	1119.4	1118.7	1118.0	1118.7
145°	1152.8	1153.3	1153.7	1154.2	1154.4	1154.4	1154.4	1154.4	1154.4	1154.4	1154.4
147.5°	1184.1	1184.6	1185.0	1185.5	1185.7	1185.1	1184.0	1182.9	1181.7	1180.6	1181.7
150°	1212.4	1212.9	1213.3	1213.8	1214.0	1213.7	1213.0	1212.3	1211.6	1210.9	1211.6
152.5°	1237.1	1238.0	1238.9	1239.8	1240.2	1239.6	1238.5	1237.4	1236.3	1235.2	1236.3
155°	1259.5	1260.7	1261.8	1262.9	1263.5	1262.8	1261.5	1260.1	1258.8	1257.4	1258.8
157.5°	1280.0	1281.3	1282.7	1284.0	1284.7	1283.8	1282.0	1280.2	1278.4	1276.6	1278.4
160°	1297.1	1298.5	1299.8	1301.1	1301.8	1301.0	1299.5	1297.9	1296.4	1294.8	1296.4
162.5°	1312.5	1314.1	1315.6	1317.2	1318.0	1317.3	1316.0	1314.6	1313.3	1311.9	1313.3
165°	1325.9	1327.7	1329.4	1331.2	1332.1	1331.3	1329.8	1328.2	1326.7	1325.1	1326.7
167.5°	1337.0	1338.8	1340.6	1342.4	1343.3	1342.4	1340.6	1338.8	1337.0	1335.2	1337.0
170°	1346.1	1347.9	1349.6	1351.4	1352.3	1351.4	1349.6	1347.9	1346.1	1344.3	1346.1
172.5°	1352.1	1353.9	1355.7	1357.5	1358.4	1357.4	1355.4	1353.3	1351.3	1349.3	1351.3
175°	1357.0	1358.5	1360.1	1361.6	1362.4	1361.5	1359.7	1358.0	1356.2	1354.4	1356.2
177.5°	1359.2	1361.0	1362.8	1364.6	1365.5	1364.4	1362.1	1359.9	1357.6	1355.4	1357.6
180°	1359.4	1359.4	1359.4	1359.4	1359.4	1359.4	1359.4	1359.4	1359.4	1359.4	1359.4

TEST NUMBER: P1031696

CATALOG NUMBER: S123DIW-B560D1030UB27-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	780.6	780.6	780.6	780.6	780.6	780.6	780.6	780.6	780.6	780.6	780.6
2.5°	836.6	838.9	832.8	831.3	831.3	834.3	832.0	811.6	815.4	810.9	809.4
5°	928.9	924.3	918.3	915.2	911.5	900.9	900.1	876.7	872.1	857.0	850.2
7.5°	1030.2	1026.4	1008.3	1006.0	1004.5	994.7	969.7	944.7	926.6	909.2	892.6
10°	1146.0	1134.6	1126.3	1109.6	1101.3	1087.7	1055.2	1031.7	1000.7	974.2	939.5
12.5°	1285.1	1272.3	1244.3	1232.2	1221.6	1183.8	1151.2	1124.8	1064.3	1046.1	1003.0
15°	1387.2	1360.0	1357.0	1330.5	1329.0	1287.4	1225.4	1196.6	1149.7	1083.2	1038.5
17.5°	1497.7	1473.5	1454.6	1422.8	1418.3	1378.9	1333.5	1263.2	1211.8	1148.2	1091.5
20°	1578.6	1565.8	1533.2	1520.4	1493.9	1460.6	1413.7	1326.7	1263.9	1200.4	1130.8
22.5°	1642.9	1630.0	1604.3	1586.9	1571.8	1528.7	1472.7	1398.6	1312.4	1229.2	1157.3
25°	1642.2	1638.4	1627.8	1619.5	1608.1	1576.3	1529.4	1458.3	1362.3	1270.8	1170.9
27.5°	1549.1	1559.7	1577.9	1586.9	1584.7	1580.1	1553.7	1493.9	1407.7	1298.7	1186.8
30°	1355.5	1394.1	1428.1	1473.5	1487.1	1520.4	1535.5	1501.5	1432.6	1331.3	1207.2
32.5°	1124.0	1180.0	1254.1	1279.1	1322.2	1386.5	1458.3	1471.2	1428.1	1350.2	1220.1
35°	922.1	968.2	1025.7	1065.0	1103.6	1208.0	1298.7	1377.4	1391.8	1340.3	1217.1
37.5°	763.2	795.7	846.4	879.7	915.2	1004.5	1131.6	1233.7	1305.6	1307.1	1208.7
40°	648.2	662.6	706.5	730.7	764.7	841.9	955.3	1088.5	1193.6	1242.0	1186.8
42.5°	549.1	568.1	604.4	622.5	644.5	711.8	786.7	913.0	1043.1	1146.7	1146.0
45°	490.1	503.8	520.4	535.5	560.5	600.6	686.1	780.6	905.4	1022.7	1068.8
47.5°	438.0	450.8	467.5	472.0	488.6	526.5	578.6	661.1	777.6	894.1	981.1
50°	394.1	404.7	416.0	424.3	431.9	462.9	502.3	571.8	664.9	777.6	885.7
52.5°	360.0	367.6	377.4	382.0	388.8	411.5	441.7	493.2	569.6	672.4	777.6
55°	328.3	333.6	339.6	347.2	350.2	366.9	390.3	434.2	490.9	583.2	683.0
57.5°	298.8	301.0	304.8	309.4	313.2	327.5	347.9	377.4	427.4	498.5	593.0
60°	265.5	271.5	273.8	278.4	280.6	292.0	307.9	332.8	371.4	432.7	503.8
62.5°	237.5	241.3	245.1	247.3	252.6	256.4	269.3	292.0	323.7	369.1	433.4
65°	212.5	214.1	216.3	218.6	220.1	224.7	236.8	251.9	276.1	316.2	366.1
67.5°	183.8	185.3	188.3	189.1	190.6	196.7	203.5	216.3	236.8	267.0	307.9
70°	155.8	158.1	159.6	161.1	163.4	165.7	173.2	183.8	199.7	220.9	252.6
72.5°	131.6	133.9	133.9	135.4	134.6	137.7	145.2	152.8	163.4	180.8	208.8
75°	107.4	107.4	108.9	109.7	110.4	113.5	116.5	122.5	130.9	144.5	161.9
77.5°	84.7	84.0	85.5	85.5	85.5	87.7	90.8	93.8	99.1	108.9	122.5
80°	62.0	62.0	63.5	64.3	62.8	63.5	65.1	68.1	71.9	78.7	86.2
82.5°	40.8	43.9	43.1	43.9	43.1	44.6	45.4	46.1	47.7	50.7	56.0
85°	25.0	25.0	25.0	25.7	25.0	25.7	25.7	25.7	26.5	28.0	30.3
87.5°	10.6	10.6	10.6	11.3	10.6	10.6	11.3	10.6	11.3	11.3	12.1
90°	29.4	29.0	28.5	28.3	27.8	26.9	26.0	25.1	24.2	21.3	18.4
92.5°	33.9	33.6	33.4	33.3	32.5	31.0	29.4	27.9	26.3	24.3	22.3
95°	38.4	38.4	38.4	38.4	37.6	36.0	34.5	32.9	31.3	28.8	26.4
97.5°	41.0	40.7	40.5	40.4	39.5	37.7	35.9	34.1	32.3	43.7	55.2
100°	42.0	41.7	41.5	41.4	40.5	38.7	36.9	35.1	33.3	68.3	103.3
102.5°	42.5	42.1	41.6	41.4	45.1	52.5	59.9	67.3	74.7	113.8	152.8
105°	43.5	43.1	42.6	42.4	62.3	102.0	141.7	181.5	221.2	241.4	261.6
107.5°	163.8	193.2	222.6	237.3	254.6	289.2	323.7	358.3	392.9	389.5	386.1
110°	341.9	374.0	406.1	422.2	425.9	433.3	440.7	448.1	455.5	453.0	450.6

TEST NUMBER: P1031696

CATALOG NUMBER: S123DIW-B560D1030UB27-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	527.1	527.5	528.0	528.2	527.2	525.2	523.1	521.1	519.1	516.6	514.2
115°	592.1	591.2	590.3	589.8	588.7	586.4	584.2	581.9	579.7	577.7	575.7
117.5°	648.0	647.7	647.5	647.4	646.5	644.7	642.9	641.1	639.3	638.2	637.1
120°	705.0	705.0	705.0	705.0	704.1	702.3	700.5	698.7	696.9	696.2	695.5
122.5°	760.1	759.8	759.6	759.5	758.9	757.8	756.7	755.5	754.4	753.5	752.6
125°	811.1	810.7	810.2	810.0	809.8	809.3	808.9	808.4	808.0	807.1	806.2
127.5°	863.4	863.8	864.3	864.5	864.2	863.5	862.8	862.2	861.5	860.4	859.3
130°	911.9	912.3	912.8	913.0	912.6	911.7	910.8	909.9	909.0	908.1	907.2
132.5°	956.8	957.5	958.2	958.5	958.0	957.1	956.2	955.3	954.4	953.7	953.1
135°	1002.2	1002.9	1003.6	1003.9	1003.6	1002.9	1002.2	1001.6	1000.9	1000.0	999.1
137.5°	1045.2	1045.6	1046.1	1046.3	1045.7	1044.6	1043.5	1042.4	1041.3	1040.9	1040.4
140°	1083.6	1084.0	1084.5	1084.7	1084.3	1083.4	1082.5	1081.6	1080.7	1080.0	1079.3
142.5°	1119.4	1120.1	1120.8	1121.1	1120.8	1120.1	1119.4	1118.7	1118.0	1117.3	1116.7
145°	1154.4	1154.4	1154.4	1154.4	1154.2	1153.7	1153.3	1152.8	1152.4	1152.0	1151.5
147.5°	1182.9	1184.0	1185.1	1185.7	1185.5	1185.0	1184.6	1184.1	1183.7	1183.3	1182.8
150°	1212.3	1213.0	1213.7	1214.0	1213.8	1213.3	1212.9	1212.4	1212.0	1211.5	1211.1
152.5°	1237.4	1238.5	1239.6	1240.2	1239.8	1238.9	1238.0	1237.1	1236.2	1236.0	1235.8
155°	1260.1	1261.5	1262.8	1263.5	1262.9	1261.8	1260.7	1259.5	1258.4	1258.2	1258.0
157.5°	1280.2	1282.0	1283.8	1284.7	1284.0	1282.7	1281.3	1280.0	1278.6	1278.8	1279.0
160°	1297.9	1299.5	1301.0	1301.8	1301.1	1299.8	1298.5	1297.1	1295.8	1296.0	1296.2
162.5°	1314.6	1316.0	1317.3	1318.0	1317.2	1315.6	1314.1	1312.5	1310.9	1311.1	1311.3
165°	1328.2	1329.8	1331.3	1332.1	1331.2	1329.4	1327.7	1325.9	1324.1	1324.3	1324.5
167.5°	1338.8	1340.6	1342.4	1343.3	1342.4	1340.6	1338.8	1337.0	1335.2	1335.2	1335.2
170°	1347.9	1349.6	1351.4	1352.3	1351.4	1349.6	1347.9	1346.1	1344.3	1344.3	1344.3
172.5°	1353.3	1355.4	1357.4	1358.4	1357.5	1355.7	1353.9	1352.1	1350.3	1350.1	1349.9
175°	1358.0	1359.7	1361.5	1362.4	1361.6	1360.1	1358.5	1357.0	1355.4	1355.2	1355.0
177.5°	1359.9	1362.1	1364.4	1365.5	1364.6	1362.8	1361.0	1359.2	1357.4	1357.2	1357.0
180°	1359.4	1359.4	1359.4	1359.4	1359.4	1359.4	1359.4	1359.4	1359.4	1359.4	1359.4

TEST NUMBER: P1031696

CATALOG NUMBER: S123DIW-B560D1030UB27-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
0°	780.6	780.6	780.6	780.6	780.6	780.6	780.6	780.6	780.6	780.6	780.6
2.5°	801.8	799.5	799.5	798.0	793.5	785.1	784.4	785.9	781.4	776.8	770.0
5°	841.1	826.7	822.2	817.7	808.6	793.5	787.4	782.1	773.8	764.0	753.4
7.5°	874.4	854.0	847.9	839.6	821.5	800.3	786.7	775.3	764.0	750.4	737.5
10°	916.0	886.5	872.1	860.0	835.1	805.6	785.1	768.5	750.4	733.7	717.1
12.5°	962.9	915.2	910.7	881.2	852.5	808.6	783.6	759.4	735.2	714.8	697.4
15°	1002.2	950.0	931.1	911.5	856.2	801.8	777.6	750.4	722.4	700.4	674.7
17.5°	1027.2	984.1	944.0	917.5	860.0	811.6	764.7	733.7	704.2	674.0	652.8
20°	1057.5	994.7	959.9	924.3	867.6	804.1	757.2	718.6	682.3	655.0	629.3
22.5°	1087.7	1003.0	974.2	935.7	869.1	796.5	743.5	705.0	663.4	636.1	608.1
25°	1084.7	1015.1	967.4	934.9	854.0	789.7	727.7	682.3	643.7	608.9	580.9
27.5°	1087.0	1001.5	953.1	915.2	843.4	779.9	711.0	663.4	623.3	587.0	557.5
30°	1087.7	981.1	938.7	893.3	823.7	756.4	692.1	643.7	601.3	562.0	535.5
32.5°	1085.4	964.4	911.5	870.6	792.7	733.7	670.2	618.7	575.6	539.3	514.4
35°	1080.1	944.7	883.5	832.0	760.9	701.2	649.8	596.8	550.7	517.4	488.6
37.5°	1065.8	923.6	854.0	803.3	723.9	663.4	618.0	574.1	529.5	490.1	465.9
40°	1055.2	894.8	824.5	769.3	683.8	624.8	587.0	545.4	501.5	465.9	442.5
42.5°	1031.0	867.6	794.2	728.4	644.5	583.9	548.4	515.1	477.3	442.5	421.3
45°	991.6	838.1	757.2	690.6	601.3	543.9	511.3	484.1	450.8	417.5	396.4
47.5°	936.4	795.7	717.8	651.3	559.0	500.7	468.2	447.8	421.3	393.3	375.2
50°	876.7	749.6	677.7	611.9	518.1	461.4	429.6	410.7	393.3	367.6	350.2
52.5°	798.8	700.4	631.6	568.8	474.3	419.8	391.8	378.2	360.0	341.9	326.8
55°	723.1	636.9	580.2	520.4	431.1	380.5	353.2	338.9	328.3	313.2	301.0
57.5°	635.4	577.9	525.7	471.2	391.1	344.9	319.2	301.8	295.0	288.2	276.8
60°	554.4	510.6	468.2	422.8	349.5	307.9	282.9	269.3	262.5	257.9	250.4
62.5°	480.3	446.3	410.0	373.7	307.1	269.3	250.4	236.8	230.7	229.9	223.1
65°	409.2	385.0	355.5	320.0	267.8	234.5	216.3	208.0	201.2	201.2	195.9
67.5°	338.1	321.5	298.0	273.1	232.2	201.2	184.6	177.0	173.2	173.2	169.4
70°	281.4	270.0	248.9	226.9	191.4	167.9	155.1	148.3	146.0	146.7	143.7
72.5°	228.4	216.3	198.9	183.0	156.6	139.2	130.1	122.5	118.8	119.5	118.8
75°	177.0	170.9	155.8	143.7	122.5	110.4	102.1	98.3	95.3	96.1	94.6
77.5°	133.1	124.1	115.7	107.4	94.6	84.7	77.9	74.1	71.9	71.9	71.9
80°	90.8	89.3	82.4	77.9	67.3	59.8	54.5	53.7	51.4	51.4	51.4
82.5°	59.0	55.2	51.4	48.4	42.4	37.8	35.6	34.0	33.3	32.5	34.0
85°	32.5	30.3	28.7	25.7	23.4	21.2	18.9	18.2	17.4	18.2	17.4
87.5°	12.9	10.6	10.6	9.8	9.1	8.3	8.3	6.8	6.8	6.1	6.1
90°	15.5	12.6	11.1	10.0	7.7	5.5	3.2	1.0	3.2	5.5	7.7
92.5°	20.2	18.2	17.2	17.9	19.2	20.5	21.9	23.2	21.9	20.5	19.2
95°	23.9	21.4	20.2	24.8	34.0	43.2	52.4	61.6	52.4	43.2	34.0
97.5°	66.6	78.1	83.8	86.9	93.2	99.5	105.8	112.1	105.8	99.5	93.2
100°	138.4	173.4	190.9	188.7	184.2	179.7	175.2	170.7	175.2	179.7	184.2
102.5°	191.9	231.0	250.5	249.0	246.1	243.2	240.2	237.3	240.2	243.2	246.1
105°	281.8	302.0	312.1	310.9	308.4	305.9	303.5	301.0	303.5	305.9	308.4
107.5°	382.8	379.4	377.7	376.7	374.7	372.6	370.6	368.6	370.6	372.6	374.7
110°	448.1	445.6	444.4	443.5	441.7	439.9	438.1	436.3	438.1	439.9	441.7

TEST NUMBER: P1031696

CATALOG NUMBER: S123DIW-B560D1030UB27-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
112.5°	511.7	509.2	508.0	507.2	505.6	504.1	502.5	500.9	502.5	504.1	505.6
115°	573.6	571.6	570.6	569.9	568.6	567.3	565.9	564.6	565.9	567.3	568.6
117.5°	636.0	634.9	634.3	633.5	631.9	630.4	628.8	627.2	628.8	630.4	631.9
120°	694.8	694.1	693.8	692.8	690.8	688.8	686.8	684.8	686.8	688.8	690.8
122.5°	751.7	750.8	750.4	749.6	748.0	746.5	744.9	743.3	744.9	746.5	748.0
125°	805.3	804.4	803.9	803.0	801.2	799.5	797.7	795.9	797.7	799.5	801.2
127.5°	858.2	857.1	856.5	855.6	853.8	852.0	850.2	848.4	850.2	852.0	853.8
130°	906.3	905.4	904.9	904.0	902.2	900.4	898.6	896.8	898.6	900.4	902.2
132.5°	952.4	951.7	951.4	950.5	948.7	946.9	945.1	943.3	945.1	946.9	948.7
135°	998.2	997.3	996.8	996.1	994.8	993.5	992.1	990.8	992.1	993.5	994.8
137.5°	1040.0	1039.5	1039.3	1038.4	1036.6	1034.8	1033.0	1031.2	1033.0	1034.8	1036.6
140°	1078.6	1077.9	1077.6	1076.9	1075.6	1074.3	1072.9	1071.6	1072.9	1074.3	1075.6
142.5°	1116.0	1115.3	1115.0	1114.3	1113.0	1111.6	1110.3	1108.9	1110.3	1111.6	1113.0
145°	1151.1	1150.6	1150.4	1149.6	1148.0	1146.5	1144.9	1143.3	1144.9	1146.5	1148.0
147.5°	1182.4	1181.9	1181.7	1181.1	1180.0	1178.9	1177.7	1176.6	1177.7	1178.9	1180.0
150°	1210.6	1210.1	1209.9	1209.6	1208.9	1208.2	1207.6	1206.9	1207.6	1208.2	1208.9
152.5°	1235.5	1235.3	1235.2	1235.1	1234.9	1234.6	1234.4	1234.2	1234.4	1234.6	1234.9
155°	1257.7	1257.5	1257.4	1257.6	1258.1	1258.5	1259.0	1259.4	1259.0	1258.5	1258.1
157.5°	1279.3	1279.5	1279.6	1279.6	1279.6	1279.6	1279.6	1279.6	1279.6	1279.6	1279.6
160°	1296.5	1296.7	1296.8	1296.9	1297.1	1297.4	1297.6	1297.8	1297.6	1297.4	1297.1
162.5°	1311.6	1311.8	1311.9	1312.2	1312.9	1313.6	1314.3	1315.0	1314.3	1313.6	1312.9
165°	1324.8	1325.0	1325.1	1325.4	1326.1	1326.8	1327.4	1328.1	1327.4	1326.8	1326.1
167.5°	1335.2	1335.2	1335.2	1335.6	1336.5	1337.4	1338.3	1339.2	1338.3	1337.4	1336.5
170°	1344.3	1344.3	1344.3	1344.7	1345.6	1346.5	1347.4	1348.3	1347.4	1346.5	1345.6
172.5°	1349.6	1349.4	1349.3	1349.9	1351.0	1352.1	1353.3	1354.4	1353.3	1352.1	1351.0
175°	1354.7	1354.5	1354.4	1355.0	1356.1	1357.2	1358.3	1359.4	1358.3	1357.2	1356.1
177.5°	1356.7	1356.5	1356.4	1357.0	1358.1	1359.2	1360.3	1361.4	1360.3	1359.2	1358.1
180°	1359.4	1359.4	1359.4	1359.4	1359.4	1359.4	1359.4	1359.4	1359.4	1359.4	1359.4

TEST NUMBER: P1031696

CATALOG NUMBER: S123DIW-B560D1030UB27-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
0°	780.6	780.6	780.6	780.6	780.6	780.6	780.6	780.6	780.6	780.6	780.6
2.5°	768.5	767.7	769.3	764.7	757.2	753.4	742.8	740.5	739.8	740.5	741.3
5°	747.3	746.6	744.3	736.7	727.7	720.9	708.0	707.2	702.7	698.2	700.4
7.5°	726.9	723.9	719.3	709.5	697.4	689.8	679.2	671.7	665.6	661.9	658.8
10°	706.5	701.9	697.4	684.5	669.4	658.1	645.2	639.2	632.4	629.3	626.3
12.5°	680.0	675.5	667.1	652.0	642.9	628.6	615.7	609.7	605.9	599.8	596.0
15°	658.8	649.8	645.2	629.3	610.4	608.9	585.5	583.9	576.4	576.4	570.3
17.5°	634.6	627.8	619.5	603.6	590.0	576.4	564.3	559.7	552.9	551.4	548.4
20°	611.2	602.1	599.1	583.2	568.8	552.2	539.3	534.8	531.8	528.7	531.0
22.5°	587.0	579.4	571.8	557.5	546.9	530.2	522.7	518.1	513.6	512.1	512.8
25°	563.5	556.7	549.1	534.8	523.4	509.8	503.0	500.7	498.5	498.5	497.7
27.5°	540.8	534.0	527.2	514.4	503.0	493.2	487.9	485.6	483.3	484.9	486.4
30°	517.4	511.3	505.3	493.9	484.9	475.8	472.8	471.2	470.5	474.3	474.3
32.5°	496.2	490.9	486.4	475.8	466.7	459.1	456.9	457.6	458.4	460.6	462.2
35°	474.3	470.5	465.9	456.9	449.3	442.5	443.3	443.3	444.8	448.5	451.6
37.5°	454.6	449.3	445.5	438.0	431.9	425.9	428.1	430.4	431.9	436.4	438.0
40°	431.1	428.9	425.9	418.3	413.0	412.2	413.0	414.5	417.5	419.8	422.1
42.5°	412.2	409.2	405.4	399.4	394.8	395.6	396.4	397.9	399.4	403.2	405.4
45°	391.1	388.8	385.8	380.5	376.7	377.4	378.2	378.2	379.7	384.3	385.8
47.5°	367.6	368.4	364.6	359.3	357.0	357.0	357.0	358.5	362.3	363.8	364.6
50°	344.9	343.4	342.7	337.4	335.8	335.1	335.8	336.6	341.9	341.1	343.4
52.5°	320.7	320.7	320.0	316.9	314.7	314.7	313.2	316.9	318.4	320.0	322.2
55°	297.3	295.0	294.2	292.7	289.7	288.9	290.5	295.0	296.5	298.0	300.3
57.5°	271.5	271.5	270.0	267.8	267.8	267.8	267.8	270.8	273.1	274.6	279.1
60°	248.1	245.1	242.8	242.8	242.8	242.0	246.6	246.6	251.1	251.9	253.4
62.5°	220.1	218.6	217.1	217.8	217.1	218.6	220.1	223.1	223.9	226.2	228.4
65°	193.6	193.6	192.1	196.7	193.6	193.6	197.4	197.4	198.9	201.2	204.2
67.5°	167.9	168.7	167.2	167.2	168.7	169.4	170.2	173.2	174.0	177.0	180.8
70°	141.4	143.0	143.7	142.2	143.7	145.2	146.7	147.5	150.5	152.0	154.3
72.5°	118.0	119.5	117.2	118.0	118.8	120.3	121.0	122.5	124.1	128.6	130.1
75°	94.6	93.8	93.0	96.1	94.6	97.6	98.3	98.3	99.8	103.6	105.1
77.5°	72.6	72.6	73.4	71.9	74.1	73.4	74.1	76.4	78.7	78.7	84.7
80°	50.7	52.2	52.2	52.2	52.9	53.7	52.2	56.0	56.7	56.7	59.0
82.5°	32.5	33.3	32.5	34.0	34.0	35.6	34.8	35.6	37.1	38.6	39.3
85°	17.4	17.4	18.9	18.9	18.2	18.9	18.2	18.9	20.4	20.4	21.2
87.5°	6.1	6.1	6.1	6.1	6.8	6.1	6.8	6.8	6.1	6.1	8.3
90°	10.0	11.1	12.6	15.5	18.4	21.3	24.2	25.1	26.0	26.9	27.8
92.5°	17.9	17.2	18.2	20.2	22.3	24.3	26.3	27.9	29.4	31.0	32.5
95°	24.8	20.2	21.4	23.9	26.4	28.8	31.3	32.9	34.5	36.0	37.6
97.5°	86.9	83.8	78.1	66.6	55.2	43.7	32.3	34.1	35.9	37.7	39.5
100°	188.7	190.9	173.4	138.4	103.3	68.3	33.3	35.1	36.9	38.7	40.5
102.5°	249.0	250.5	231.0	191.9	152.8	113.8	74.7	67.3	59.9	52.5	45.1
105°	310.9	312.1	302.0	281.8	261.6	241.4	221.2	181.5	141.7	102.0	62.3
107.5°	376.7	377.7	379.4	382.8	386.1	389.5	392.9	358.3	323.7	289.2	254.6
110°	443.5	444.4	445.6	448.1	450.6	453.0	455.5	448.1	440.7	433.3	425.9

TEST NUMBER: P1031696

CATALOG NUMBER: S123DIW-B560D1030UB27-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
112.5°	507.2	508.0	509.2	511.7	514.2	516.6	519.1	521.1	523.1	525.2	527.2
115°	569.9	570.6	571.6	573.6	575.7	577.7	579.7	581.9	584.2	586.4	588.7
117.5°	633.5	634.3	634.9	636.0	637.1	638.2	639.3	641.1	642.9	644.7	646.5
120°	692.8	693.8	694.1	694.8	695.5	696.2	696.9	698.7	700.5	702.3	704.1
122.5°	749.6	750.4	750.8	751.7	752.6	753.5	754.4	755.5	756.7	757.8	758.9
125°	803.0	803.9	804.4	805.3	806.2	807.1	808.0	808.4	808.9	809.3	809.8
127.5°	855.6	856.5	857.1	858.2	859.3	860.4	861.5	862.2	862.8	863.5	864.2
130°	904.0	904.9	905.4	906.3	907.2	908.1	909.0	909.9	910.8	911.7	912.6
132.5°	950.5	951.4	951.7	952.4	953.1	953.7	954.4	955.3	956.2	957.1	958.0
135°	996.1	996.8	997.3	998.2	999.1	1000.0	1000.9	1001.6	1002.2	1002.9	1003.6
137.5°	1038.4	1039.3	1039.5	1040.0	1040.4	1040.9	1041.3	1042.4	1043.5	1044.6	1045.7
140°	1076.9	1077.6	1077.9	1078.6	1079.3	1080.0	1080.7	1081.6	1082.5	1083.4	1084.3
142.5°	1114.3	1115.0	1115.3	1116.0	1116.7	1117.3	1118.0	1118.7	1119.4	1120.1	1120.8
145°	1149.6	1150.4	1150.6	1151.1	1151.5	1152.0	1152.4	1152.8	1153.3	1153.7	1154.2
147.5°	1181.1	1181.7	1181.9	1182.4	1182.8	1183.3	1183.7	1184.1	1184.6	1185.0	1185.5
150°	1209.6	1209.9	1210.1	1210.6	1211.1	1211.5	1212.0	1212.4	1212.9	1213.3	1213.8
152.5°	1235.1	1235.2	1235.3	1235.5	1235.8	1236.0	1236.2	1237.1	1238.0	1238.9	1239.8
155°	1257.6	1257.4	1257.5	1257.7	1258.0	1258.2	1258.4	1259.5	1260.7	1261.8	1262.9
157.5°	1279.6	1279.6	1279.5	1279.3	1279.0	1278.8	1278.6	1280.0	1281.3	1282.7	1284.0
160°	1296.9	1296.8	1296.7	1296.5	1296.2	1296.0	1295.8	1297.1	1298.5	1299.8	1301.1
162.5°	1312.2	1311.9	1311.8	1311.6	1311.3	1311.1	1310.9	1312.5	1314.1	1315.6	1317.2
165°	1325.4	1325.1	1325.0	1324.8	1324.5	1324.3	1324.1	1325.9	1327.7	1329.4	1331.2
167.5°	1335.6	1335.2	1335.2	1335.2	1335.2	1335.2	1335.2	1337.0	1338.8	1340.6	1342.4
170°	1344.7	1344.3	1344.3	1344.3	1344.3	1344.3	1344.3	1346.1	1347.9	1349.6	1351.4
172.5°	1349.9	1349.3	1349.4	1349.6	1349.9	1350.1	1350.3	1352.1	1353.9	1355.7	1357.5
175°	1355.0	1354.4	1354.5	1354.7	1355.0	1355.2	1355.4	1357.0	1358.5	1360.1	1361.6
177.5°	1357.0	1356.4	1356.5	1356.7	1357.0	1357.2	1357.4	1359.2	1361.0	1362.8	1364.6
180°	1359.4	1359.4	1359.4	1359.4	1359.4	1359.4	1359.4	1359.4	1359.4	1359.4	1359.4

TEST NUMBER: P1031696

CATALOG NUMBER: S123DIW-B560D1030UB27-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
0°	780.6	780.6	780.6	780.6	780.6	780.6	780.6	780.6	780.6	780.6	780.6
2.5°	740.5	741.3	738.2	736.0	742.0	738.2	738.2	739.0	737.5	739.8	739.0
5°	698.9	699.7	694.4	695.9	692.9	692.1	691.4	695.9	695.1	694.4	695.9
7.5°	658.1	658.1	655.8	654.3	654.3	652.0	655.0	654.3	655.8	655.8	658.1
10°	624.0	625.5	621.8	618.0	617.2	618.0	618.0	618.7	619.5	624.8	624.0
12.5°	596.0	593.8	593.0	590.8	587.0	585.5	583.9	592.3	590.0	590.0	590.0
15°	565.0	570.3	569.6	562.8	561.3	564.3	562.8	562.8	570.3	569.6	568.8
17.5°	548.4	546.9	545.4	541.6	542.3	541.6	542.3	542.3	546.9	546.9	546.9
20°	529.5	526.5	526.5	524.9	524.9	522.7	525.7	526.5	529.5	529.5	530.2
22.5°	512.8	510.6	510.6	509.8	511.3	508.3	511.3	512.1	512.1	514.4	514.4
25°	498.5	497.0	497.0	498.5	498.5	498.5	498.5	501.5	499.2	500.0	499.2
27.5°	485.6	486.4	487.1	487.9	487.1	487.9	488.6	490.1	490.9	490.1	488.6
30°	473.5	475.8	476.5	476.5	478.0	478.8	479.6	479.6	480.3	478.0	479.6
32.5°	464.4	464.4	465.9	466.7	468.2	469.0	469.0	470.5	469.7	467.5	468.2
35°	451.6	451.6	454.6	456.1	458.4	457.6	458.4	458.4	459.1	457.6	455.4
37.5°	438.7	440.2	440.2	443.3	444.0	444.8	444.0	445.5	444.8	443.3	442.5
40°	423.6	422.8	423.6	425.9	426.6	426.6	426.6	428.1	428.1	428.1	427.4
42.5°	404.7	406.9	406.2	408.5	407.7	407.7	409.2	410.7	411.5	409.2	410.0
45°	386.5	386.5	388.0	388.0	388.8	388.8	391.8	390.3	391.8	390.3	391.1
47.5°	366.9	367.6	367.6	368.4	369.9	371.4	369.9	370.6	370.6	371.4	369.9
50°	344.9	344.9	346.4	348.7	351.7	350.2	349.5	352.5	350.2	350.2	348.7
52.5°	322.2	324.5	325.3	327.5	329.8	330.5	331.3	329.8	330.5	328.3	329.0
55°	300.3	301.0	304.1	306.3	308.6	308.6	307.9	308.6	309.4	306.3	306.3
57.5°	278.4	280.6	283.7	283.7	286.7	286.7	285.9	285.9	286.7	284.4	283.7
60°	254.9	257.2	261.0	261.0	265.5	266.3	264.7	263.2	263.2	261.0	261.7
62.5°	229.9	232.2	234.5	238.3	241.3	239.8	242.8	239.8	240.5	236.0	236.0
65°	208.0	208.8	212.5	216.3	216.3	217.8	216.3	217.1	214.8	214.8	211.8
67.5°	182.3	182.3	186.1	189.9	193.6	193.6	193.6	191.4	191.4	189.1	189.1
70°	159.6	158.8	162.6	164.9	167.2	167.9	166.4	165.7	164.1	161.9	161.1
72.5°	131.6	133.1	136.9	138.4	142.2	141.4	145.2	140.7	140.7	136.9	136.2
75°	106.7	108.2	111.9	114.2	116.5	116.5	118.8	116.5	113.5	111.9	111.2
77.5°	84.7	84.0	87.0	90.8	91.5	90.8	92.3	91.5	88.5	88.5	87.0
80°	60.5	62.8	65.8	65.1	68.1	67.3	67.3	65.8	65.8	63.5	65.1
82.5°	40.1	42.4	43.1	42.4	43.1	44.6	45.4	44.6	44.6	43.1	43.9
85°	21.2	21.2	22.7	23.4	22.7	22.7	23.4	25.7	24.2	22.7	24.2
87.5°	6.8	6.1	6.1	6.8	6.1	6.1	6.8	6.8	7.6	7.6	7.6
90°	28.3	28.5	29.0	29.4	29.9	30.3	29.9	29.4	29.0	28.5	28.3
92.5°	33.3	33.4	33.6	33.9	34.1	34.3	34.1	33.9	33.6	33.4	33.3
95°	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4
97.5°	40.4	40.5	40.7	41.0	41.2	41.4	41.2	41.0	40.7	40.5	40.4
100°	41.4	41.5	41.7	42.0	42.2	42.4	42.2	42.0	41.7	41.5	41.4
102.5°	41.4	41.6	42.1	42.5	43.0	43.4	43.0	42.5	42.1	41.6	41.4
105°	42.4	42.6	43.1	43.5	44.0	44.4	44.0	43.5	43.1	42.6	42.4
107.5°	237.3	222.6	193.2	163.8	134.4	105.0	134.4	163.8	193.2	222.6	237.3
110°	422.2	406.1	374.0	341.9	309.8	277.7	309.8	341.9	374.0	406.1	422.2

TEST NUMBER: P1031696

CATALOG NUMBER: S123DIW-B560D1030UB27-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
112.5°	528.2	528.0	527.5	527.1	526.6	526.2	526.6	527.1	527.5	528.0	528.2
115°	589.8	590.3	591.2	592.1	593.0	593.9	593.0	592.1	591.2	590.3	589.8
117.5°	647.4	647.5	647.7	648.0	648.2	648.4	648.2	648.0	647.7	647.5	647.4
120°	705.0	705.0	705.0	705.0	705.0	705.0	705.0	705.0	705.0	705.0	705.0
122.5°	759.5	759.6	759.8	760.1	760.3	760.5	760.3	760.1	759.8	759.6	759.5
125°	810.0	810.2	810.7	811.1	811.6	812.0	811.6	811.1	810.7	810.2	810.0
127.5°	864.5	864.3	863.8	863.4	862.9	862.5	862.9	863.4	863.8	864.3	864.5
130°	913.0	912.8	912.3	911.9	911.4	911.0	911.4	911.9	912.3	912.8	913.0
132.5°	958.5	958.2	957.5	956.8	956.1	955.4	956.1	956.8	957.5	958.2	958.5
135°	1003.9	1003.6	1002.9	1002.2	1001.6	1000.9	1001.6	1002.2	1002.9	1003.6	1003.9
137.5°	1046.3	1046.1	1045.6	1045.2	1044.7	1044.3	1044.7	1045.2	1045.6	1046.1	1046.3
140°	1084.7	1084.5	1084.0	1083.6	1083.1	1082.7	1083.1	1083.6	1084.0	1084.5	1084.7
142.5°	1121.1	1120.8	1120.1	1119.4	1118.7	1118.0	1118.7	1119.4	1120.1	1120.8	1121.1
145°	1154.4	1154.4	1154.4	1154.4	1154.4	1154.4	1154.4	1154.4	1154.4	1154.4	1154.4
147.5°	1185.7	1185.1	1184.0	1182.9	1181.7	1180.6	1181.7	1182.9	1184.0	1185.1	1185.7
150°	1214.0	1213.7	1213.0	1212.3	1211.6	1210.9	1211.6	1212.3	1213.0	1213.7	1214.0
152.5°	1240.2	1239.6	1238.5	1237.4	1236.3	1235.2	1236.3	1237.4	1238.5	1239.6	1240.2
155°	1263.5	1262.8	1261.5	1260.1	1258.8	1257.4	1258.8	1260.1	1261.5	1262.8	1263.5
157.5°	1284.7	1283.8	1282.0	1280.2	1278.4	1276.6	1278.4	1280.2	1282.0	1283.8	1284.7
160°	1301.8	1301.0	1299.5	1297.9	1296.4	1294.8	1296.4	1297.9	1299.5	1301.0	1301.8
162.5°	1318.0	1317.3	1316.0	1314.6	1313.3	1311.9	1313.3	1314.6	1316.0	1317.3	1318.0
165°	1332.1	1331.3	1329.8	1328.2	1326.7	1325.1	1326.7	1328.2	1329.8	1331.3	1332.1
167.5°	1343.3	1342.4	1340.6	1338.8	1337.0	1335.2	1337.0	1338.8	1340.6	1342.4	1343.3
170°	1352.3	1351.4	1349.6	1347.9	1346.1	1344.3	1346.1	1347.9	1349.6	1351.4	1352.3
172.5°	1358.4	1357.4	1355.4	1353.3	1351.3	1349.3	1351.3	1353.3	1355.4	1357.4	1358.4
175°	1362.4	1361.5	1359.7	1358.0	1356.2	1354.4	1356.2	1358.0	1359.7	1361.5	1362.4
177.5°	1365.5	1364.4	1362.1	1359.9	1357.6	1355.4	1357.6	1359.9	1362.1	1364.4	1365.5
180°	1359.4	1359.4	1359.4	1359.4	1359.4	1359.4	1359.4	1359.4	1359.4	1359.4	1359.4

TEST NUMBER: P1031696

CATALOG NUMBER: S123DIW-B560D1030UB27-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
0°	780.6	780.6	780.6	780.6	780.6	780.6	780.6	780.6	780.6	780.6	780.6
2.5°	741.3	742.8	743.5	740.5	738.2	742.0	747.3	751.1	754.1	757.9	760.2
5°	697.4	702.7	702.7	704.2	706.5	710.3	720.1	726.9	733.0	737.5	741.3
7.5°	660.3	664.1	666.4	670.2	674.0	679.2	690.6	700.4	709.5	714.8	720.9
10°	627.1	630.1	633.9	636.1	642.9	650.5	664.9	673.2	683.8	692.1	699.7
12.5°	595.3	605.9	608.1	607.4	613.4	621.8	636.1	649.0	660.3	668.7	677.0
15°	572.6	576.4	580.9	580.2	593.0	595.3	607.4	622.5	637.6	642.9	650.5
17.5°	547.6	553.7	558.2	560.5	564.3	572.6	583.9	595.3	615.0	615.7	635.4
20°	528.0	534.0	537.0	540.1	542.3	552.2	562.0	574.9	590.8	599.1	609.7
22.5°	515.1	518.1	520.4	522.7	525.7	531.0	543.1	557.5	568.1	577.1	583.9
25°	500.0	503.0	506.0	507.5	509.8	512.8	521.9	533.3	548.4	554.4	561.3
27.5°	489.4	489.4	490.9	490.9	493.9	497.0	503.8	514.4	526.5	534.0	543.1
30°	478.0	477.3	478.0	477.3	476.5	481.1	487.1	496.2	504.5	513.6	519.6
32.5°	466.7	465.9	465.9	466.7	463.7	465.9	469.0	477.3	486.4	490.9	497.7
35°	454.6	453.1	453.1	453.1	451.6	450.1	453.1	460.6	466.7	472.8	478.0
37.5°	442.5	440.2	440.2	438.7	437.2	434.9	434.9	441.0	449.3	451.6	458.4
40°	425.9	425.9	424.3	423.6	422.1	420.6	418.3	423.6	431.1	433.4	438.7
42.5°	409.2	406.9	406.2	406.2	406.2	403.9	402.4	406.2	410.7	414.5	417.5
45°	390.3	388.8	389.5	388.8	387.3	386.5	385.8	387.3	392.6	394.1	397.9
47.5°	369.9	369.1	369.1	368.4	367.6	368.4	365.3	369.1	370.6	372.2	375.2
50°	348.7	347.9	347.2	346.4	346.4	347.2	346.4	346.4	349.5	351.0	354.0
52.5°	327.5	325.3	325.3	324.5	324.5	323.0	324.5	325.3	326.8	328.3	329.8
55°	304.8	304.8	302.6	302.6	301.0	301.0	301.8	301.0	304.1	305.6	305.6
57.5°	282.9	279.9	280.6	279.1	277.6	276.8	276.8	278.4	279.9	279.9	281.4
60°	259.4	256.4	255.7	252.6	254.2	251.9	252.6	252.6	255.7	254.2	255.7
62.5°	236.0	232.2	229.9	228.4	228.4	229.2	227.7	226.9	228.4	229.9	233.0
65°	211.0	208.8	206.5	204.2	204.2	203.5	205.0	202.7	202.0	202.7	204.2
67.5°	185.3	183.0	180.8	178.5	179.3	177.0	175.5	177.8	176.2	177.0	178.5
70°	160.4	158.8	154.3	152.8	152.0	152.8	152.0	150.5	152.8	152.0	152.8
72.5°	135.4	133.9	131.6	127.8	127.8	127.1	126.3	126.3	125.6	125.6	125.6
75°	111.2	108.2	105.9	105.1	103.6	102.9	102.1	100.6	101.4	102.1	100.6
77.5°	86.2	82.4	81.7	81.7	79.4	79.4	80.2	79.4	78.7	78.7	78.7
80°	63.5	60.5	60.5	59.0	57.5	57.5	57.5	57.5	56.7	56.0	56.7
82.5°	40.8	40.1	39.3	39.3	40.8	37.8	39.3	38.6	37.8	37.8	37.1
85°	22.7	23.4	22.7	23.4	21.9	22.7	22.7	22.7	21.9	22.7	21.2
87.5°	8.3	8.3	8.3	9.1	9.1	9.1	9.1	9.1	9.8	9.1	9.1
90°	27.8	26.9	26.0	25.1	24.2	21.3	18.4	15.5	12.6	11.1	10.0
92.5°	32.5	31.0	29.4	27.9	26.3	24.3	22.3	20.2	18.2	17.2	17.9
95°	37.6	36.0	34.5	32.9	31.3	28.8	26.4	23.9	21.4	20.2	24.8
97.5°	39.5	37.7	35.9	34.1	32.3	43.7	55.2	66.6	78.1	83.8	86.9
100°	40.5	38.7	36.9	35.1	33.3	68.3	103.3	138.4	173.4	190.9	188.7
102.5°	45.1	52.5	59.9	67.3	74.7	113.8	152.8	191.9	231.0	250.5	249.0
105°	62.3	102.0	141.7	181.5	221.2	241.4	261.6	281.8	302.0	312.1	310.9
107.5°	254.6	289.2	323.7	358.3	392.9	389.5	386.1	382.8	379.4	377.7	376.7
110°	425.9	433.3	440.7	448.1	455.5	453.0	450.6	448.1	445.6	444.4	443.5

TEST NUMBER: P1031696

CATALOG NUMBER: S123DIW-B560D1030UB27-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
112.5°	527.2	525.2	523.1	521.1	519.1	516.6	514.2	511.7	509.2	508.0	507.2
115°	588.7	586.4	584.2	581.9	579.7	577.7	575.7	573.6	571.6	570.6	569.9
117.5°	646.5	644.7	642.9	641.1	639.3	638.2	637.1	636.0	634.9	634.3	633.5
120°	704.1	702.3	700.5	698.7	696.9	696.2	695.5	694.8	694.1	693.8	692.8
122.5°	758.9	757.8	756.7	755.5	754.4	753.5	752.6	751.7	750.8	750.4	749.6
125°	809.8	809.3	808.9	808.4	808.0	807.1	806.2	805.3	804.4	803.9	803.0
127.5°	864.2	863.5	862.8	862.2	861.5	860.4	859.3	858.2	857.1	856.5	855.6
130°	912.6	911.7	910.8	909.9	909.0	908.1	907.2	906.3	905.4	904.9	904.0
132.5°	958.0	957.1	956.2	955.3	954.4	953.7	953.1	952.4	951.7	951.4	950.5
135°	1003.6	1002.9	1002.2	1001.6	1000.9	1000.0	999.1	998.2	997.3	996.8	996.1
137.5°	1045.7	1044.6	1043.5	1042.4	1041.3	1040.9	1040.4	1040.0	1039.5	1039.3	1038.4
140°	1084.3	1083.4	1082.5	1081.6	1080.7	1080.0	1079.3	1078.6	1077.9	1077.6	1076.9
142.5°	1120.8	1120.1	1119.4	1118.7	1118.0	1117.3	1116.7	1116.0	1115.3	1115.0	1114.3
145°	1154.2	1153.7	1153.3	1152.8	1152.4	1152.0	1151.5	1151.1	1150.6	1150.4	1149.6
147.5°	1185.5	1185.0	1184.6	1184.1	1183.7	1183.3	1182.8	1182.4	1181.9	1181.7	1181.1
150°	1213.8	1213.3	1212.9	1212.4	1212.0	1211.5	1211.1	1210.6	1210.1	1209.9	1209.6
152.5°	1239.8	1238.9	1238.0	1237.1	1236.2	1236.0	1235.8	1235.5	1235.3	1235.2	1235.1
155°	1262.9	1261.8	1260.7	1259.5	1258.4	1258.2	1258.0	1257.7	1257.5	1257.4	1257.6
157.5°	1284.0	1282.7	1281.3	1280.0	1278.6	1278.8	1279.0	1279.3	1279.5	1279.6	1279.6
160°	1301.1	1299.8	1298.5	1297.1	1295.8	1296.0	1296.2	1296.5	1296.7	1296.8	1296.9
162.5°	1317.2	1315.6	1314.1	1312.5	1310.9	1311.1	1311.3	1311.6	1311.8	1311.9	1312.2
165°	1331.2	1329.4	1327.7	1325.9	1324.1	1324.3	1324.5	1324.8	1325.0	1325.1	1325.4
167.5°	1342.4	1340.6	1338.8	1337.0	1335.2	1335.2	1335.2	1335.2	1335.2	1335.2	1335.6
170°	1351.4	1349.6	1347.9	1346.1	1344.3	1344.3	1344.3	1344.3	1344.3	1344.3	1344.7
172.5°	1357.5	1355.7	1353.9	1352.1	1350.3	1350.1	1349.9	1349.6	1349.4	1349.3	1349.9
175°	1361.6	1360.1	1358.5	1357.0	1355.4	1355.2	1355.0	1354.7	1354.5	1354.4	1355.0
177.5°	1364.6	1362.8	1361.0	1359.2	1357.4	1357.2	1357.0	1356.7	1356.5	1356.4	1357.0
180°	1359.4	1359.4	1359.4	1359.4	1359.4	1359.4	1359.4	1359.4	1359.4	1359.4	1359.4

TEST NUMBER: P1031696

CATALOG NUMBER: S123DIW-B560D1030UB27-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
0°	780.6	780.6	780.6	780.6
2.5°	764.0	766.2	773.8	782.9
5°	748.8	754.9	765.5	779.9
7.5°	732.2	741.3	756.4	774.6
10°	713.3	726.1	745.1	767.7
12.5°	692.9	709.5	733.7	757.2
15°	680.0	696.6	718.6	744.3
17.5°	655.0	674.7	697.4	733.7
20°	629.3	651.3	680.8	717.1
22.5°	609.7	633.1	661.1	699.7
25°	586.2	610.4	640.7	680.8
27.5°	561.3	585.5	619.5	661.9
30°	542.3	565.8	598.3	643.7
32.5°	519.6	542.3	576.4	624.0
35°	493.9	519.6	552.2	600.6
37.5°	474.3	497.7	531.8	577.9
40°	453.1	473.5	506.8	552.2
42.5°	430.4	453.1	481.8	527.2
45°	409.2	425.9	455.4	498.5
47.5°	386.5	405.4	428.1	461.4
50°	362.3	378.2	403.2	425.9
52.5°	338.9	351.7	372.9	390.3
55°	313.9	326.8	342.7	353.2
57.5°	290.5	299.5	310.1	316.9
60°	261.7	270.8	277.6	284.4
62.5°	236.0	242.8	246.6	250.4
65°	209.5	213.3	215.6	218.6
67.5°	180.8	184.6	185.3	189.9
70°	154.3	155.1	156.6	158.8
72.5°	129.3	130.9	130.1	131.6
75°	103.6	105.1	103.6	105.1
77.5°	78.7	80.2	80.2	82.4
80°	56.7	57.5	58.2	58.2
82.5°	37.1	39.3	37.8	38.6
85°	21.2	21.9	21.9	22.7
87.5°	9.8	10.6	9.8	11.3
90°	7.7	5.5	3.2	1.0
92.5°	19.2	20.5	21.9	23.2
95°	34.0	43.2	52.4	61.6
97.5°	93.2	99.5	105.8	112.1
100°	184.2	179.7	175.2	170.7
102.5°	246.1	243.2	240.2	237.3
105°	308.4	305.9	303.5	301.0
107.5°	374.7	372.6	370.6	368.6
110°	441.7	439.9	438.1	436.3

TEST NUMBER: P1031696

CATALOG NUMBER: S123DIW-B560D1030UB27-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
112.5°	505.6	504.1	502.5	500.9
115°	568.6	567.3	565.9	564.6
117.5°	631.9	630.4	628.8	627.2
120°	690.8	688.8	686.8	684.8
122.5°	748.0	746.5	744.9	743.3
125°	801.2	799.5	797.7	795.9
127.5°	853.8	852.0	850.2	848.4
130°	902.2	900.4	898.6	896.8
132.5°	948.7	946.9	945.1	943.3
135°	994.8	993.5	992.1	990.8
137.5°	1036.6	1034.8	1033.0	1031.2
140°	1075.6	1074.3	1072.9	1071.6
142.5°	1113.0	1111.6	1110.3	1108.9
145°	1148.0	1146.5	1144.9	1143.3
147.5°	1180.0	1178.9	1177.7	1176.6
150°	1208.9	1208.2	1207.6	1206.9
152.5°	1234.9	1234.6	1234.4	1234.2
155°	1258.1	1258.5	1259.0	1259.4
157.5°	1279.6	1279.6	1279.6	1279.6
160°	1297.1	1297.4	1297.6	1297.8
162.5°	1312.9	1313.6	1314.3	1315.0
165°	1326.1	1326.8	1327.4	1328.1
167.5°	1336.5	1337.4	1338.3	1339.2
170°	1345.6	1346.5	1347.4	1348.3
172.5°	1351.0	1352.1	1353.3	1354.4
175°	1356.1	1357.2	1358.3	1359.4
177.5°	1358.1	1359.2	1360.3	1361.4
180°	1359.4	1359.4	1359.4	1359.4

(END OF REPORT)