

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: P999675

Luminaire Tested: SA2XXRDIP-B485D1080UB2750-4F0-XX-W2A-A_5000K

Issue Date: 5/7/2025

Test Information

Test Method: LM-79-2019
Report Number: P999675
REPORT IS A COMBINATION OF REPORTS P988228 AND P1007351
Test Lab: INNOVATION CENTER
Issue Date: 5/7/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: NEO-RAY
Catalog Number: SA2XXRDIP-B485D1080UB2750-4F0-XX-W2A-A_5000K
Description: Define 2 Regressed Direct/Indirect Pendant with 5000K BioUP LEDs {m-DER=1.015}
{m-EER=1.115}
Light Source: -
Ballast/Driver: -

Summary

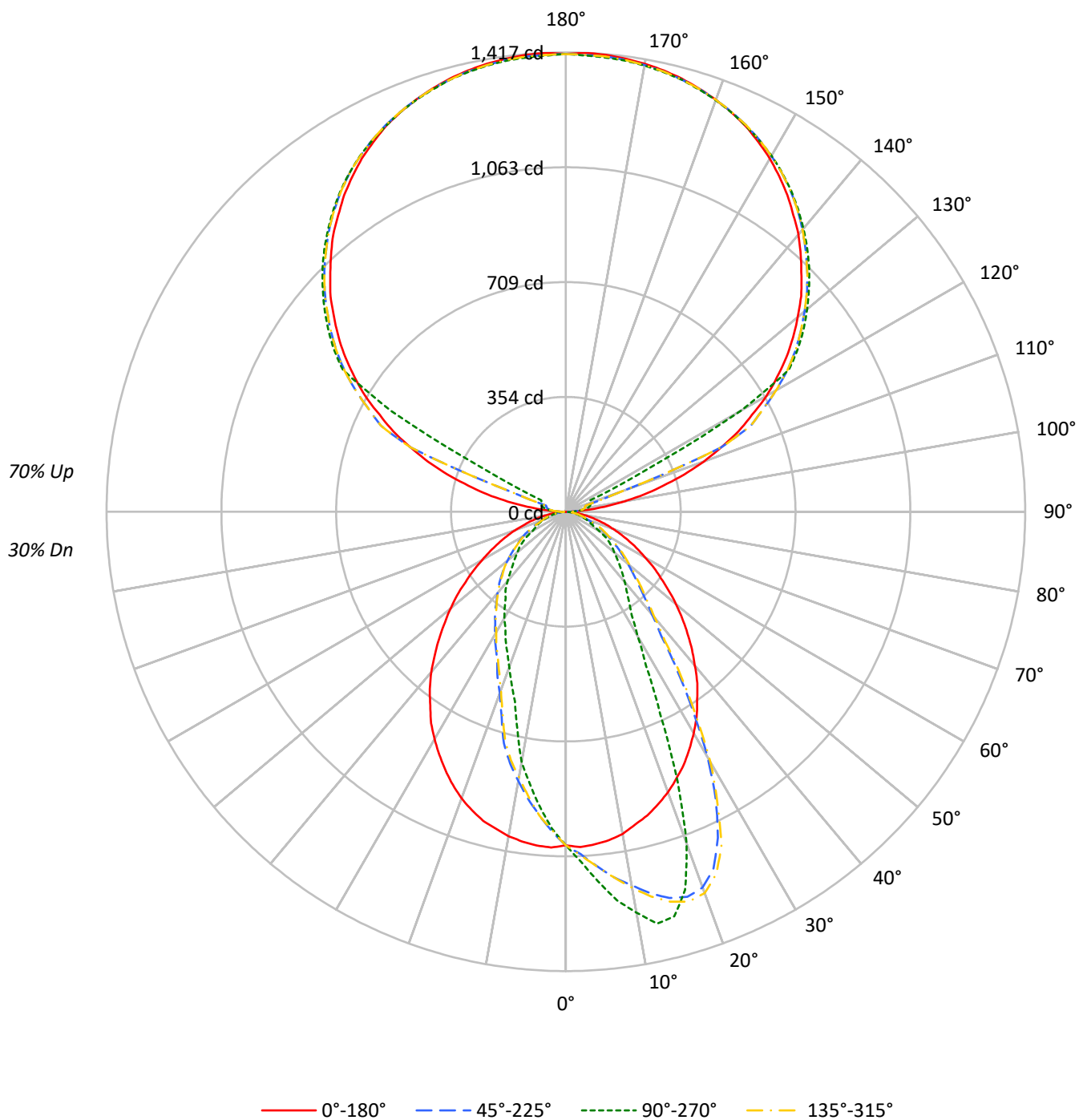
Lumens per Lamp: N/A
Luminaire Lumens: 5919.0 lumens
Efficiency: N/A
Efficacy: 100.3 lumens/watt
Spacing Criteria (0/90/45): 1.16 / 0.85 / 1.01
Luminous Opening: Rectangular w/ Sides (W: 0.17' x L: 4' x H: 0.1')
CIE Type: Semi-Indirect

Input Watts (W): 59
Input Voltage (V):
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT

TEST NUMBER: P999675

CATALOG NUMBER: SA2XXRDIP-B485D1080UB2750-4F0-XX-W2A-A_5000K

Luminous Intensity Polar Plot



TEST NUMBER: P999675

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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	102	102	102	102	92	92	92	92	72	72	72	54	54	54	38	38	38
1	94	90	86	83	84	81	78	75	64	62	60	48	47	46	34	33	33
2	86	79	73	68	77	71	66	62	57	53	50	43	41	39	31	29	28
3	79	70	63	58	70	63	57	53	50	46	43	39	36	34	28	26	25
4	72	62	55	49	65	56	50	45	45	41	37	35	32	29	25	23	22
5	66	55	48	42	59	50	44	39	40	36	32	31	28	26	23	21	19
6	61	50	42	37	55	45	39	34	37	32	28	28	25	23	21	19	17
7	57	45	38	32	51	41	34	30	33	28	25	26	23	20	19	17	16
8	52	41	34	29	47	37	31	27	30	26	22	24	21	18	18	16	14
9	49	37	30	26	44	34	28	24	28	23	20	22	19	16	16	14	13
10	46	34	27	23	41	31	25	21	26	21	18	20	17	15	15	13	12

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	16287	16287	16287	16287
5°	16324	17299	16381	13820
10°	16144	18284	16259	11412
15°	15794	18290	16062	8573
20°	15373	15118	15707	7073
25°	14861	9446	15182	6017
30°	14209	6048	14596	5181
35°	13416	4648	13851	4433
40°	12532	3907	13066	3878
45°	11586	3325	12071	3255
50°	10618	2826	11113	2816
55°	9545	2455	10059	2424
60°	8591	1872	9046	1850
65°	7700	1409	8159	1598
70°	6721	1125	7245	1302
75°	5678	861	6198	986
80°	4511	587	4854	645
85°	3136	303	3433	320

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 165°

Vertical Angle: 45°

Luminance: 14898 cd/sqm

TEST NUMBER: P999675

CATALOG NUMBER: SA2XXRDIP-B485D1080UB2750-4F0-XX-W2A-A_5000K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	97.6	1.6
10°-20°	272.4	4.6
20°-30°	350.6	5.9
30°-40°	332.6	5.6
40°-50°	285.0	4.8
50°-60°	217.1	3.7
60°-70°	136.9	2.3
70°-80°	68.3	1.2
80°-90°	20.0	0.3
90°-100°	46.6	0.8
100°-110°	173.5	2.9
110°-120°	460.2	7.8
120°-130°	763.3	12.9
130°-140°	810.8	13.7
140°-150°	753.6	12.7
150°-160°	605.8	10.2
160°-170°	390.4	6.6
170°-180°	134.4	2.3
0°-30°	720.6	12.2
0°-40°	1053.1	17.8
0°-60°	1555.3	26.3
0°-90°	1780.5	30.1
90°-120°	680.3	11.5
90°-150°	3007.9	50.8
90°-180°	4139.0	69.9
0°-180°	5919.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1029	1029	1029	1029	1029	
5°	1030	1145	1033	914	1030	98
15°	970	1292	987	606	970	273
25°	861	689	879	439	861	395
35°	706	340	729	324	706	442
45°	530	236	553	231	530	409
55°	358	164	378	162	358	323
65°	217	85	230	96	217	215
75°	102	45	111	52	102	110
85°	22	13	24	14	22	25
90°	1	28	1	28	1	5
95°	66	44	66	44	66	79
105°	310	78	310	78	310	332
115°	587	84	587	84	587	578
125°	830	873	830	873	830	741
135°	1028	1061	1028	1061	1028	794
145°	1192	1210	1192	1210	1192	746
155°	1313	1314	1313	1314	1313	605
165°	1383	1380	1383	1380	1383	391
175°	1415	1407	1415	1407	1415	135
180°	1412	1412	1412	1412	1412	

TEST NUMBER: P999675

CATALOG NUMBER: SA2XXRDIP-B485D1080UB2750-4F0-XX-W2A-A_5000K

CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	1028.9	1028.9	1028.9	1028.9	1028.9	1028.9	1028.9	1028.9	1028.9	1028.9	1028.9
2.5°	1035.3	1039.6	1041.7	1044.6	1051.0	1055.3	1061.8	1063.2	1062.5	1065.3	1057.5
5°	1029.6	1038.9	1047.5	1054.6	1066.0	1073.2	1081.1	1090.3	1092.5	1103.2	1096.8
7.5°	1021.7	1035.3	1047.5	1061.8	1078.9	1088.2	1100.4	1114.7	1121.1	1134.0	1137.5
10°	1008.8	1028.1	1048.9	1063.9	1087.5	1103.9	1115.4	1138.3	1153.3	1172.6	1169.7
12.5°	988.1	1013.1	1041.0	1066.0	1096.8	1107.5	1129.0	1152.6	1171.9	1189.7	1205.5
15°	970.2	998.8	1029.6	1060.3	1095.4	1115.4	1136.8	1167.6	1188.3	1219.8	1233.3
17.5°	945.9	982.4	1018.9	1053.2	1094.6	1117.5	1144.0	1174.0	1204.7	1234.8	1245.5
20°	920.9	960.2	999.5	1046.0	1093.2	1115.4	1142.5	1179.7	1209.8	1233.3	1233.3
22.5°	890.9	938.8	983.8	1028.1	1079.6	1111.8	1139.7	1183.3	1204.7	1209.8	1190.4
25°	860.8	908.7	958.1	1013.1	1071.8	1100.4	1131.8	1172.6	1179.7	1159.7	1109.7
27.5°	825.1	878.7	934.5	993.8	1055.3	1091.1	1119.7	1146.8	1133.2	1079.6	1001.7
30°	788.6	846.5	909.5	965.9	1040.3	1073.2	1097.5	1105.4	1062.5	975.2	874.4
32.5°	750.7	807.2	873.7	941.6	1016.7	1048.2	1063.9	1043.2	964.5	854.4	731.4
35°	706.4	770.0	839.4	910.2	984.5	1008.1	1017.4	966.7	865.8	723.6	601.3
37.5°	666.4	730.0	804.4	876.6	948.8	961.7	952.4	873.0	745.0	604.2	484.8
40°	619.2	687.1	760.0	840.8	900.2	903.7	880.9	777.9	619.2	486.9	413.3
42.5°	575.6	644.2	717.1	799.4	844.4	832.2	801.5	666.4	516.9	419.7	360.4
45°	530.5	595.6	674.2	747.2	779.3	750.7	704.3	560.5	434.0	361.1	315.3
47.5°	486.9	547.7	625.6	695.7	701.4	669.2	614.2	469.7	376.1	317.5	280.3
50°	444.0	504.8	577.7	635.6	629.9	585.6	523.4	408.3	326.7	280.3	249.5
52.5°	401.1	456.2	526.9	572.7	548.4	505.5	444.0	346.1	285.3	244.5	220.9
55°	358.2	409.7	470.5	508.4	469.7	420.4	376.8	296.7	247.4	214.5	196.6
57.5°	322.5	363.2	419.0	441.9	395.4	356.8	318.9	255.2	214.5	190.9	170.2
60°	283.1	320.3	366.1	379.7	331.8	300.3	268.1	215.9	183.8	163.0	149.4
62.5°	249.5	280.3	315.3	315.3	273.1	249.5	225.2	180.9	154.4	138.0	131.6
65°	216.6	238.8	263.8	261.0	225.2	204.5	185.2	149.4	129.4	118.0	111.5
67.5°	184.5	201.6	218.1	208.1	182.3	164.4	146.6	120.8	107.2	99.4	90.8
70°	155.2	168.7	177.3	168.0	142.3	127.3	114.4	97.2	86.5	76.5	71.5
72.5°	130.1	135.8	138.7	127.3	105.8	97.2	87.9	75.8	66.5	61.5	60.1
75°	101.5	106.5	104.4	95.8	77.9	71.5	64.3	55.8	53.6	50.8	49.3
77.5°	79.4	79.4	75.8	67.9	55.8	50.8	47.9	43.6	41.5	40.8	39.3
80°	56.5	55.8	53.6	45.0	37.9	35.0	35.0	32.2	31.5	30.0	30.0
82.5°	37.2	37.2	34.3	27.2	25.0	24.3	23.6	22.2	22.2	21.4	21.4
85°	22.2	20.7	17.2	15.0	14.3	14.3	13.6	12.9	13.6	12.9	12.9
87.5°	10.0	7.9	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7
90°	1.0	3.5	6.0	8.5	11.0	12.3	13.2	15.0	16.8	18.6	20.4
92.5°	25.5	24.6	23.7	22.8	21.9	21.5	21.8	22.5	23.2	23.8	24.5
95°	66.4	58.9	51.4	43.9	36.4	32.7	33.5	35.1	36.6	38.2	39.8
97.5°	119.5	100.9	82.3	63.7	45.1	35.8	37.6	41.2	44.9	48.5	52.1
100°	180.8	149.7	118.6	87.5	56.4	40.9	42.8	46.7	50.5	54.4	58.2
102.5°	248.2	247.8	247.3	246.9	246.4	246.2	225.5	184.2	142.9	101.6	60.3
105°	310.5	317.3	324.1	331.0	337.8	341.2	310.2	248.2	186.3	124.3	62.3
107.5°	383.1	388.8	394.4	400.1	405.8	408.6	370.4	293.9	217.4	140.9	64.4
110°	452.5	457.3	462.1	466.8	471.6	474.0	441.2	375.6	310.0	244.4	178.8

TEST NUMBER: P999675

CATALOG NUMBER: SA2XXRDIP-B485D1080UB2750-4F0-XX-W2A-A_5000K

CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	517.9	522.0	526.1	530.2	534.3	536.3	534.4	530.5	526.6	522.8	518.9
115°	587.3	591.2	595.0	598.9	602.8	604.7	607.5	613.2	618.9	624.5	630.2
117.5°	647.6	652.1	656.7	661.2	665.7	668.0	669.9	673.8	677.7	681.5	685.4
120°	715.0	718.4	721.8	725.2	728.6	730.3	732.3	736.4	740.5	744.6	748.7
122.5°	772.2	775.8	779.5	783.1	786.8	788.6	790.9	795.4	799.9	804.5	809.0
125°	830.5	833.4	836.4	839.3	842.2	843.7	845.9	850.2	854.5	858.8	863.1
127.5°	883.6	886.8	890.0	893.1	896.3	897.9	899.6	903.0	906.4	909.8	913.2
130°	933.6	937.2	940.9	944.5	948.2	950.0	951.2	953.7	956.2	958.7	961.2
132.5°	984.7	987.7	990.6	993.6	996.5	998.0	999.2	1001.7	1004.2	1006.7	1009.2
135°	1027.6	1031.2	1034.8	1038.5	1042.1	1043.9	1044.9	1047.0	1049.0	1051.1	1053.1
137.5°	1072.5	1075.2	1078.0	1080.7	1083.4	1084.8	1085.9	1088.2	1090.5	1092.7	1095.0
140°	1116.5	1118.3	1120.1	1121.9	1123.7	1124.6	1125.9	1128.4	1130.9	1133.4	1135.9
142.5°	1153.2	1154.8	1156.4	1158.0	1159.6	1160.4	1161.9	1164.8	1167.8	1170.7	1173.7
145°	1192.1	1191.9	1191.6	1191.4	1191.1	1191.0	1192.9	1196.8	1200.7	1204.5	1208.4
147.5°	1225.8	1225.1	1224.4	1223.7	1223.0	1222.7	1224.6	1228.5	1232.4	1236.2	1240.1
150°	1258.4	1256.8	1255.2	1253.7	1252.1	1251.3	1253.1	1256.7	1260.4	1264.0	1267.6
152.5°	1286.0	1284.2	1282.4	1280.6	1278.8	1277.9	1279.6	1283.0	1286.4	1289.8	1293.2
155°	1312.6	1310.6	1308.5	1306.5	1304.4	1303.4	1304.8	1307.5	1310.2	1313.0	1315.7
157.5°	1334.0	1332.2	1330.4	1328.6	1326.8	1325.9	1326.9	1329.0	1331.0	1333.1	1335.1
160°	1352.4	1351.0	1349.7	1348.3	1347.0	1346.3	1347.0	1348.3	1349.7	1351.0	1352.4
162.5°	1368.8	1367.4	1366.0	1364.7	1363.3	1362.6	1363.2	1364.3	1365.4	1366.6	1367.7
165°	1383.1	1381.7	1380.3	1379.0	1377.6	1376.9	1377.2	1377.9	1378.6	1379.3	1380.0
167.5°	1394.3	1392.9	1391.6	1390.2	1388.9	1388.2	1388.5	1389.2	1389.9	1390.5	1391.2
170°	1403.5	1402.1	1400.8	1399.4	1398.1	1397.4	1397.6	1398.1	1398.5	1399.0	1399.4
172.5°	1409.6	1408.2	1406.9	1405.5	1404.2	1403.5	1403.7	1404.2	1404.6	1405.1	1405.5
175°	1414.7	1413.1	1411.5	1410.0	1408.4	1407.6	1407.8	1408.3	1408.7	1409.2	1409.6
177.5°	1416.8	1415.2	1413.6	1412.0	1410.4	1409.6	1409.7	1409.9	1410.2	1410.4	1410.6
180°	1411.7	1411.7	1411.7	1411.7	1411.7	1411.7	1411.7	1411.7	1411.7	1411.7	1411.7

TEST NUMBER: P999675

CATALOG NUMBER: SA2XXRDIP-B485D1080UB2750-4F0-XX-W2A-A_5000K

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	1028.9	1028.9	1028.9	1028.9	1028.9	1028.9	1028.9	1028.9	1028.9	1028.9	1028.9
2.5°	1065.3	1066.8	1068.9	1078.9	1080.3	1083.2	1081.8	1081.8	1082.5	1081.1	1081.8
5°	1111.1	1113.2	1124.0	1136.1	1139.0	1136.1	1139.7	1144.7	1144.7	1144.7	1143.3
7.5°	1154.0	1161.8	1174.0	1191.9	1195.5	1199.0	1205.5	1201.2	1202.6	1209.0	1206.9
10°	1195.5	1206.9	1220.5	1235.5	1243.4	1248.4	1251.2	1257.7	1272.7	1255.5	1261.9
12.5°	1234.8	1251.2	1265.5	1282.0	1287.7	1294.1	1296.3	1302.0	1302.0	1301.3	1306.3
15°	1260.5	1275.5	1288.4	1299.1	1300.6	1299.1	1297.7	1298.4	1300.6	1292.0	1297.0
17.5°	1266.2	1267.7	1272.0	1267.7	1268.4	1253.4	1244.8	1242.6	1222.6	1223.3	1239.8
20°	1238.4	1214.0	1207.6	1184.0	1169.7	1131.1	1129.7	1118.9	1076.8	1089.6	1086.8
22.5°	1161.8	1120.4	1065.3	1038.2	1024.6	983.8	952.4	930.2	915.2	900.2	893.7
25°	1061.0	993.8	915.9	862.3	854.4	816.5	758.6	731.4	699.3	689.2	706.4
27.5°	930.9	843.7	755.7	673.5	658.5	624.2	594.9	575.6	538.4	536.2	537.7
30°	754.3	666.4	592.7	539.1	501.9	486.2	466.9	452.6	437.6	443.3	444.7
32.5°	619.9	536.2	467.6	439.0	421.8	411.8	395.4	386.1	379.7	377.5	376.8
35°	492.6	436.9	406.1	378.2	368.2	361.1	348.9	344.6	338.9	339.6	339.6
37.5°	421.8	375.4	352.5	338.2	328.9	325.3	317.5	313.2	309.6	308.2	310.3
40°	363.9	331.8	317.5	304.6	296.7	295.3	291.0	286.0	281.7	282.4	284.6
42.5°	321.7	303.2	286.0	276.0	270.3	268.1	264.5	261.0	261.0	258.8	258.1
45°	288.1	273.1	258.8	249.5	246.0	243.1	238.8	238.1	235.2	235.9	236.7
47.5°	258.1	246.0	235.2	225.9	222.4	221.6	217.4	214.5	214.5	213.8	213.1
50°	230.9	218.8	209.5	204.5	199.5	198.1	197.3	196.6	195.2	195.2	195.9
52.5°	208.8	196.6	189.5	185.2	182.3	180.9	180.9	180.2	180.2	180.2	179.5
55°	184.5	174.5	168.7	167.3	165.9	165.2	164.4	163.0	162.3	163.7	162.3
57.5°	161.6	158.0	153.0	151.6	148.0	148.0	145.9	144.4	143.0	144.4	144.4
60°	143.7	138.7	135.8	131.6	128.7	125.8	122.3	121.5	120.1	119.4	118.7
62.5°	125.1	120.8	113.7	107.2	103.0	100.1	98.7	98.0	98.0	97.2	97.2
65°	104.4	94.4	90.8	88.7	87.9	87.2	85.8	85.1	85.8	85.1	85.8
67.5°	81.5	80.1	77.9	76.5	75.8	75.1	75.1	74.4	74.4	74.4	74.4
70°	70.8	67.2	66.5	65.1	65.1	64.3	64.3	64.3	64.3	63.6	65.1
72.5°	58.6	56.5	55.8	55.1	55.1	54.3	54.3	54.3	54.3	53.6	54.3
75°	47.9	47.2	45.8	45.8	45.0	45.8	45.0	45.0	44.3	45.0	45.0
77.5°	38.6	37.9	37.2	37.2	36.5	36.5	36.5	36.5	36.5	36.5	37.2
80°	29.3	28.6	27.9	28.6	27.9	28.6	27.9	27.9	28.6	27.9	27.9
82.5°	21.4	20.7	20.7	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0
85°	12.9	12.2	12.2	12.9	12.2	12.9	12.2	12.2	12.2	12.9	12.9
87.5°	5.7	6.4	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	6.4
90°	21.5	22.7	23.8	24.9	25.5	25.7	26.2	26.7	27.1	27.6	27.1
92.5°	25.0	25.4	25.9	26.4	26.6	26.7	26.9	27.2	27.4	27.6	27.4
95°	40.9	42.1	43.2	44.3	44.9	44.8	44.6	44.3	44.1	43.9	44.1
97.5°	52.8	53.5	54.2	54.9	55.2	55.3	55.5	55.8	56.0	56.2	56.0
100°	60.0	61.8	63.7	65.5	66.4	66.6	67.1	67.5	68.0	68.4	68.0
102.5°	62.8	65.3	67.8	70.3	71.5	71.8	72.5	73.2	73.9	74.6	73.9
105°	64.8	67.3	69.8	72.3	73.5	74.0	74.9	75.8	76.7	77.6	76.7
107.5°	66.9	69.4	71.9	74.4	75.6	76.1	77.0	77.9	78.8	79.7	78.8
110°	156.1	133.4	110.7	88.0	76.6	77.1	78.0	78.9	79.8	80.7	79.8

TEST NUMBER: P999675

CATALOG NUMBER: SA2XXRDIP-B485D1080UB2750-4F0-XX-W2A-A_5000K

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	421.1	323.3	225.4	127.6	78.7	79.0	79.7	80.4	81.0	81.7	81.0
115°	525.1	420.0	314.9	209.8	157.3	149.1	132.8	116.5	100.1	83.8	100.1
117.5°	652.9	620.5	588.0	555.5	539.3	509.6	450.1	390.6	331.2	271.7	331.2
120°	751.4	754.2	756.9	759.6	761.0	745.7	715.0	684.4	653.7	623.1	653.7
122.5°	810.4	811.7	813.1	814.4	815.1	815.2	815.5	815.7	816.0	816.2	816.0
125°	864.7	866.3	867.9	869.5	870.3	870.6	871.3	872.0	872.7	873.4	872.7
127.5°	915.5	917.7	920.0	922.3	923.4	923.5	923.7	924.0	924.2	924.4	924.2
130°	963.7	966.2	968.7	971.2	972.4	972.3	972.1	971.8	971.6	971.4	971.6
132.5°	1011.2	1013.3	1015.3	1017.4	1018.4	1018.3	1018.1	1017.8	1017.6	1017.4	1017.6
135°	1055.4	1057.6	1059.9	1062.2	1063.3	1063.1	1062.6	1062.2	1061.7	1061.3	1061.7
137.5°	1097.3	1099.5	1101.8	1104.1	1105.2	1104.9	1104.2	1103.5	1102.9	1102.2	1102.9
140°	1137.9	1140.0	1142.0	1144.1	1145.1	1144.5	1143.4	1142.3	1141.1	1140.0	1141.1
142.5°	1175.5	1177.3	1179.1	1180.9	1181.8	1181.2	1180.1	1179.0	1177.8	1176.7	1177.8
145°	1210.0	1211.6	1213.1	1214.7	1215.5	1214.9	1213.8	1212.7	1211.5	1210.4	1211.5
147.5°	1241.2	1242.4	1243.5	1244.6	1245.2	1244.7	1243.8	1242.9	1242.0	1241.1	1242.0
150°	1269.0	1270.4	1271.7	1273.1	1273.8	1273.2	1272.1	1271.0	1269.8	1268.7	1269.8
152.5°	1294.6	1295.9	1297.3	1298.6	1299.3	1298.5	1296.9	1295.4	1293.8	1292.2	1293.8
155°	1317.1	1318.4	1319.8	1321.1	1321.8	1320.9	1319.1	1317.2	1315.4	1313.6	1315.4
157.5°	1336.7	1338.3	1339.8	1341.4	1342.2	1341.3	1339.5	1337.6	1335.8	1334.0	1335.8
160°	1353.8	1355.2	1356.5	1357.9	1358.6	1357.8	1356.2	1354.6	1353.0	1351.4	1353.0
162.5°	1369.3	1370.9	1372.5	1374.1	1374.9	1373.9	1371.8	1369.8	1367.7	1365.7	1367.7
165°	1381.6	1383.2	1384.8	1386.4	1387.2	1386.4	1384.8	1383.2	1381.6	1380.0	1381.6
167.5°	1392.8	1394.4	1396.0	1397.6	1398.4	1397.4	1395.3	1393.3	1391.2	1389.2	1391.2
170°	1401.0	1402.6	1404.2	1405.8	1406.6	1405.6	1403.5	1401.5	1399.4	1397.4	1399.4
172.5°	1407.1	1408.7	1410.3	1411.9	1412.7	1411.7	1409.6	1407.6	1405.5	1403.5	1405.5
175°	1411.2	1412.8	1414.4	1416.0	1416.8	1415.7	1413.4	1411.1	1408.9	1406.6	1408.9
177.5°	1412.2	1413.8	1415.4	1417.0	1417.8	1416.8	1414.7	1412.7	1410.6	1408.6	1410.6
180°	1411.7	1411.7	1411.7	1411.7	1411.7	1411.7	1411.7	1411.7	1411.7	1411.7	1411.7

TEST NUMBER: P999675

CATALOG NUMBER: SA2XXRDIP-B485D1080UB2750-4F0-XX-W2A-A_5000K

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	1028.9	1028.9	1028.9	1028.9	1028.9	1028.9	1028.9	1028.9	1028.9	1028.9	1028.9
2.5°	1084.6	1079.6	1078.2	1079.6	1078.2	1078.9	1073.9	1055.3	1060.3	1052.5	1056.7
5°	1146.1	1141.8	1132.5	1131.1	1129.7	1128.2	1121.1	1104.6	1098.2	1087.5	1086.8
7.5°	1204.7	1204.7	1197.6	1192.6	1186.2	1181.2	1171.9	1147.5	1137.5	1124.7	1117.5
10°	1262.7	1244.1	1251.9	1246.9	1231.2	1228.3	1211.2	1196.9	1177.6	1164.7	1153.3
12.5°	1304.1	1298.4	1291.3	1287.0	1282.7	1273.4	1261.9	1225.5	1215.5	1189.7	1176.9
15°	1302.7	1299.1	1301.3	1301.3	1299.8	1297.7	1288.4	1261.9	1244.8	1219.8	1197.6
17.5°	1232.6	1241.9	1251.2	1257.7	1272.0	1278.4	1287.0	1271.2	1260.5	1239.1	1215.5
20°	1110.4	1133.2	1160.4	1166.1	1179.0	1216.9	1234.1	1247.6	1251.9	1244.8	1225.5
22.5°	940.2	959.5	1025.3	1023.9	1042.4	1087.5	1137.5	1178.3	1210.5	1228.3	1221.2
25°	736.4	763.6	798.6	825.1	885.9	953.1	1015.3	1080.3	1136.1	1185.4	1197.6
27.5°	557.0	592.7	620.6	655.6	686.4	765.7	845.8	947.4	1012.4	1106.1	1154.7
30°	450.4	466.9	494.8	511.2	526.2	587.0	677.8	777.9	892.3	1000.3	1083.9
32.5°	384.7	396.1	416.8	424.0	439.7	480.5	537.7	629.2	747.2	878.0	988.1
35°	345.3	357.5	361.8	368.2	381.1	406.8	446.1	512.6	619.2	747.2	878.7
37.5°	311.7	318.2	330.3	334.6	338.9	358.2	384.7	431.1	501.9	607.0	752.9
40°	288.1	291.7	298.1	301.7	304.6	318.2	341.8	373.2	425.4	505.5	639.9
42.5°	263.1	267.4	271.7	276.0	279.6	290.3	304.6	334.6	369.6	430.4	527.7
45°	238.8	241.7	246.7	249.5	254.5	263.1	276.0	296.7	328.2	366.8	445.4
47.5°	216.6	220.2	222.4	225.9	229.5	238.8	251.0	264.5	290.3	328.2	385.4
50°	196.6	200.9	203.8	204.5	207.3	215.9	225.9	240.9	257.4	286.7	336.8
52.5°	182.3	183.0	185.2	188.0	187.3	192.3	201.6	213.1	230.2	253.8	290.3
55°	165.9	168.0	169.5	170.2	170.2	174.5	179.5	190.2	203.8	223.1	253.8
57.5°	145.1	147.3	151.6	153.0	155.2	157.3	159.4	166.6	178.0	196.6	221.6
60°	123.7	125.1	129.4	132.3	133.7	139.4	142.3	148.0	154.4	168.0	191.6
62.5°	99.4	100.8	103.0	105.8	108.7	117.3	124.4	130.1	135.1	144.4	163.7
65°	86.5	87.2	88.7	89.4	90.1	93.7	100.1	108.0	117.3	124.4	135.8
67.5°	75.1	75.8	76.5	77.9	78.6	79.4	82.2	84.4	93.7	103.7	112.3
70°	64.3	65.8	66.5	66.5	67.2	68.6	70.1	72.9	75.8	80.8	91.5
72.5°	54.3	55.1	56.5	56.5	56.5	57.9	59.3	60.8	62.2	65.1	69.4
75°	45.0	46.5	46.5	46.5	47.2	47.2	48.6	50.0	51.5	53.6	55.1
77.5°	37.2	37.2	37.2	37.2	37.9	37.9	38.6	40.0	40.8	41.5	42.9
80°	27.9	28.6	28.6	28.6	29.3	29.3	29.3	30.7	31.5	31.5	32.9
82.5°	20.7	20.7	20.7	21.4	20.7	21.4	21.4	22.2	21.4	22.2	22.9
85°	12.9	12.9	12.9	13.6	13.6	13.6	13.6	13.6	13.6	13.6	14.3
87.5°	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	7.1	6.4	6.4
90°	26.7	26.2	25.7	25.5	24.9	23.8	22.7	21.5	20.4	18.6	16.8
92.5°	27.2	26.9	26.7	26.6	26.4	25.9	25.4	25.0	24.5	23.8	23.2
95°	44.3	44.6	44.8	44.9	44.3	43.2	42.1	40.9	39.8	38.2	36.6
97.5°	55.8	55.5	55.3	55.2	54.9	54.2	53.5	52.8	52.1	48.5	44.9
100°	67.5	67.1	66.6	66.4	65.5	63.7	61.8	60.0	58.2	54.4	50.5
102.5°	73.2	72.5	71.8	71.5	70.3	67.8	65.3	62.8	60.3	101.6	142.9
105°	75.8	74.9	74.0	73.5	72.3	69.8	67.3	64.8	62.3	124.3	186.3
107.5°	77.9	77.0	76.1	75.6	74.4	71.9	69.4	66.9	64.4	140.9	217.4
110°	78.9	78.0	77.1	76.6	88.0	110.7	133.4	156.1	178.8	244.4	310.0

TEST NUMBER: P999675

CATALOG NUMBER: SA2XXRDIP-B485D1080UB2750-4F0-XX-W2A-A_5000K

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	80.4	79.7	79.0	78.7	127.6	225.4	323.3	421.1	518.9	522.8	526.6
115°	116.5	132.8	149.1	157.3	209.8	314.9	420.0	525.1	630.2	624.5	618.9
117.5°	390.6	450.1	509.6	539.3	555.5	588.0	620.5	652.9	685.4	681.5	677.7
120°	684.4	715.0	745.7	761.0	759.6	756.9	754.2	751.4	748.7	744.6	740.5
122.5°	815.7	815.5	815.2	815.1	814.4	813.1	811.7	810.4	809.0	804.5	799.9
125°	872.0	871.3	870.6	870.3	869.5	867.9	866.3	864.7	863.1	858.8	854.5
127.5°	924.0	923.7	923.5	923.4	922.3	920.0	917.7	915.5	913.2	909.8	906.4
130°	971.8	972.1	972.3	972.4	971.2	968.7	966.2	963.7	961.2	958.7	956.2
132.5°	1017.8	1018.1	1018.3	1018.4	1017.4	1015.3	1013.3	1011.2	1009.2	1006.7	1004.2
135°	1062.2	1062.6	1063.1	1063.3	1062.2	1059.9	1057.6	1055.4	1053.1	1051.1	1049.0
137.5°	1103.5	1104.2	1104.9	1105.2	1104.1	1101.8	1099.5	1097.3	1095.0	1092.7	1090.5
140°	1142.3	1143.4	1144.5	1145.1	1144.1	1142.0	1140.0	1137.9	1135.9	1133.4	1130.9
142.5°	1179.0	1180.1	1181.2	1181.8	1180.9	1179.1	1177.3	1175.5	1173.7	1170.7	1167.8
145°	1212.7	1213.8	1214.9	1215.5	1214.7	1213.1	1211.6	1210.0	1208.4	1204.5	1200.7
147.5°	1242.9	1243.8	1244.7	1245.2	1244.6	1243.5	1242.4	1241.2	1240.1	1236.2	1232.4
150°	1271.0	1272.1	1273.2	1273.8	1273.1	1271.7	1270.4	1269.0	1267.6	1264.0	1260.4
152.5°	1295.4	1296.9	1298.5	1299.3	1298.6	1297.3	1295.9	1294.6	1293.2	1289.8	1286.4
155°	1317.2	1319.1	1320.9	1321.8	1321.1	1319.8	1318.4	1317.1	1315.7	1313.0	1310.2
157.5°	1337.6	1339.5	1341.3	1342.2	1341.4	1339.8	1338.3	1336.7	1335.1	1333.1	1331.0
160°	1354.6	1356.2	1357.8	1358.6	1357.9	1356.5	1355.2	1353.8	1352.4	1351.0	1349.7
162.5°	1369.8	1371.8	1373.9	1374.9	1374.1	1372.5	1370.9	1369.3	1367.7	1366.6	1365.4
165°	1383.2	1384.8	1386.4	1387.2	1386.4	1384.8	1383.2	1381.6	1380.0	1379.3	1378.6
167.5°	1393.3	1395.3	1397.4	1398.4	1397.6	1396.0	1394.4	1392.8	1391.2	1390.5	1389.9
170°	1401.5	1403.5	1405.6	1406.6	1405.8	1404.2	1402.6	1401.0	1399.4	1399.0	1398.5
172.5°	1407.6	1409.6	1411.7	1412.7	1411.9	1410.3	1408.7	1407.1	1405.5	1405.1	1404.6
175°	1411.1	1413.4	1415.7	1416.8	1416.0	1414.4	1412.8	1411.2	1409.6	1409.2	1408.7
177.5°	1412.7	1414.7	1416.8	1417.8	1417.0	1415.4	1413.8	1412.2	1410.6	1410.4	1410.2
180°	1411.7	1411.7	1411.7	1411.7	1411.7	1411.7	1411.7	1411.7	1411.7	1411.7	1411.7

TEST NUMBER: P999675

CATALOG NUMBER: SA2XXRDIP-B485D1080UB2750-4F0-XX-W2A-A_5000K

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
0°	1028.9	1028.9	1028.9	1028.9	1028.9	1028.9	1028.9	1028.9	1028.9	1028.9	1028.9
2.5°	1050.3	1046.7	1046.7	1044.6	1044.6	1033.2	1033.2	1036.7	1032.4	1027.4	1020.3
5°	1077.5	1069.6	1067.5	1064.6	1055.3	1041.0	1035.3	1033.2	1024.6	1013.8	1001.7
7.5°	1103.2	1090.3	1083.9	1077.5	1065.3	1045.3	1033.9	1026.0	1013.1	996.7	981.0
10°	1128.2	1111.8	1095.4	1087.5	1070.3	1045.3	1028.9	1016.0	997.4	975.2	953.1
12.5°	1151.1	1116.8	1113.9	1098.2	1073.2	1044.6	1019.6	1001.0	977.4	951.6	925.9
15°	1171.1	1136.1	1118.9	1104.6	1071.8	1036.0	1009.6	986.7	955.2	925.9	894.4
17.5°	1181.2	1143.3	1131.8	1108.2	1074.6	1028.1	992.4	964.5	930.2	895.2	859.4
20°	1191.2	1146.8	1128.2	1111.8	1066.0	1013.1	973.1	940.9	903.0	861.6	822.2
22.5°	1196.2	1146.8	1124.7	1101.8	1057.5	996.7	949.5	911.6	867.3	825.1	777.9
25°	1187.6	1142.5	1116.1	1092.5	1042.4	976.7	922.3	879.4	832.2	784.3	736.4
27.5°	1166.1	1132.5	1101.8	1077.5	1021.7	950.9	893.7	845.1	796.5	742.9	694.2
30°	1126.1	1111.1	1086.8	1059.6	998.8	928.0	860.1	810.1	756.5	702.8	652.1
32.5°	1063.9	1076.8	1061.0	1037.4	971.7	896.6	824.4	773.6	715.0	657.1	610.6
35°	988.1	1033.9	1025.3	1008.8	943.1	863.0	790.8	729.3	670.7	612.0	565.6
37.5°	905.2	974.5	981.7	971.7	910.2	828.7	749.3	689.2	629.2	569.8	522.7
40°	791.5	898.0	920.9	925.2	875.9	787.2	704.3	645.6	586.3	528.4	471.2
42.5°	687.1	821.5	850.1	868.0	832.2	746.4	662.8	597.7	539.1	486.9	429.7
45°	589.1	729.3	775.8	798.6	782.9	700.0	613.5	552.7	499.1	451.2	396.1
47.5°	488.3	629.2	694.2	730.7	730.7	652.8	566.3	506.2	454.7	414.0	365.4
50°	421.1	538.4	605.6	653.5	666.4	604.9	523.4	464.7	416.1	371.8	334.6
52.5°	358.9	464.0	519.8	569.8	607.0	553.4	475.5	422.6	374.7	333.2	303.9
55°	310.3	389.0	439.7	494.8	536.2	501.2	429.0	377.5	336.0	301.7	276.7
57.5°	263.8	332.5	373.9	422.6	466.9	440.4	382.5	338.2	301.7	271.7	249.5
60°	224.5	280.3	312.4	350.3	405.4	386.8	338.9	298.1	268.8	241.7	223.1
62.5°	190.9	235.2	262.4	289.6	339.6	331.0	293.9	262.4	237.4	214.5	198.8
65°	156.6	193.0	214.5	238.1	278.1	281.7	251.7	229.5	206.6	186.6	172.3
67.5°	126.6	155.2	174.5	194.5	226.6	236.7	215.9	197.3	178.0	161.6	148.7
70°	102.2	122.3	136.6	152.3	178.7	190.9	180.2	167.3	151.6	138.0	126.6
72.5°	80.8	93.7	102.2	114.4	135.8	148.0	147.3	135.8	124.4	115.1	105.8
75°	59.3	69.4	76.5	84.4	101.5	113.0	115.8	110.8	99.4	92.2	85.1
77.5°	45.0	50.8	54.3	60.1	72.2	82.2	86.5	85.1	77.2	71.5	66.5
80°	34.3	35.7	37.2	39.3	49.3	58.6	61.5	60.8	56.5	54.3	48.6
82.5°	24.3	25.0	25.7	26.5	30.0	37.9	40.8	42.2	38.6	36.5	31.5
85°	14.3	15.0	15.0	16.4	17.2	19.3	24.3	24.3	23.6	20.7	20.0
87.5°	7.1	7.1	6.4	6.4	7.1	7.9	9.3	10.7	9.3	8.6	7.9
90°	15.0	13.2	12.3	11.0	8.5	6.0	3.5	1.0	3.5	6.0	8.5
92.5°	22.5	21.8	21.5	21.9	22.8	23.7	24.6	25.5	24.6	23.7	22.8
95°	35.1	33.5	32.7	36.4	43.9	51.4	58.9	66.4	58.9	51.4	43.9
97.5°	41.2	37.6	35.8	45.1	63.7	82.3	100.9	119.5	100.9	82.3	63.7
100°	46.7	42.8	40.9	56.4	87.5	118.6	149.7	180.8	149.7	118.6	87.5
102.5°	184.2	225.5	246.2	246.4	246.9	247.3	247.8	248.2	247.8	247.3	246.9
105°	248.2	310.2	341.2	337.8	331.0	324.1	317.3	310.5	317.3	324.1	331.0
107.5°	293.9	370.4	408.6	405.8	400.1	394.4	388.8	383.1	388.8	394.4	400.1
110°	375.6	441.2	474.0	471.6	466.8	462.1	457.3	452.5	457.3	462.1	466.8

TEST NUMBER: P999675

CATALOG NUMBER: SA2XXRDIP-B485D1080UB2750-4F0-XX-W2A-A_5000K

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
112.5°	530.5	534.4	536.3	534.3	530.2	526.1	522.0	517.9	522.0	526.1	530.2
115°	613.2	607.5	604.7	602.8	598.9	595.0	591.2	587.3	591.2	595.0	598.9
117.5°	673.8	669.9	668.0	665.7	661.2	656.7	652.1	647.6	652.1	656.7	661.2
120°	736.4	732.3	730.3	728.6	725.2	721.8	718.4	715.0	718.4	721.8	725.2
122.5°	795.4	790.9	788.6	786.8	783.1	779.5	775.8	772.2	775.8	779.5	783.1
125°	850.2	845.9	843.7	842.2	839.3	836.4	833.4	830.5	833.4	836.4	839.3
127.5°	903.0	899.6	897.9	896.3	893.1	890.0	886.8	883.6	886.8	890.0	893.1
130°	953.7	951.2	950.0	948.2	944.5	940.9	937.2	933.6	937.2	940.9	944.5
132.5°	1001.7	999.2	998.0	996.5	993.6	990.6	987.7	984.7	987.7	990.6	993.6
135°	1047.0	1044.9	1043.9	1042.1	1038.5	1034.8	1031.2	1027.6	1031.2	1034.8	1038.5
137.5°	1088.2	1085.9	1084.8	1083.4	1080.7	1078.0	1075.2	1072.5	1075.2	1078.0	1080.7
140°	1128.4	1125.9	1124.6	1123.7	1121.9	1120.1	1118.3	1116.5	1118.3	1120.1	1121.9
142.5°	1164.8	1161.9	1160.4	1159.6	1158.0	1156.4	1154.8	1153.2	1154.8	1156.4	1158.0
145°	1196.8	1192.9	1191.0	1191.1	1191.4	1191.6	1191.9	1192.1	1191.9	1191.6	1191.4
147.5°	1228.5	1224.6	1222.7	1223.0	1223.7	1224.4	1225.1	1225.8	1225.1	1224.4	1223.7
150°	1256.7	1253.1	1251.3	1252.1	1253.7	1255.2	1256.8	1258.4	1256.8	1255.2	1253.7
152.5°	1283.0	1279.6	1277.9	1278.8	1280.6	1282.4	1284.2	1286.0	1284.2	1282.4	1280.6
155°	1307.5	1304.8	1303.4	1304.4	1306.5	1308.5	1310.6	1312.6	1310.6	1308.5	1306.5
157.5°	1329.0	1326.9	1325.9	1326.8	1328.6	1330.4	1332.2	1334.0	1332.2	1330.4	1328.6
160°	1348.3	1347.0	1346.3	1347.0	1348.3	1349.7	1351.0	1352.4	1351.0	1349.7	1348.3
162.5°	1364.3	1363.2	1362.6	1363.3	1364.7	1366.0	1367.4	1368.8	1367.4	1366.0	1364.7
165°	1377.9	1377.2	1376.9	1377.6	1379.0	1380.3	1381.7	1383.1	1381.7	1380.3	1379.0
167.5°	1389.2	1388.5	1388.2	1388.9	1390.2	1391.6	1392.9	1394.3	1392.9	1391.6	1390.2
170°	1398.1	1397.6	1397.4	1398.1	1399.4	1400.8	1402.1	1403.5	1402.1	1400.8	1399.4
172.5°	1404.2	1403.7	1403.5	1404.2	1405.5	1406.9	1408.2	1409.6	1408.2	1406.9	1405.5
175°	1408.3	1407.8	1407.6	1408.4	1410.0	1411.5	1413.1	1414.7	1413.1	1411.5	1410.0
177.5°	1409.9	1409.7	1409.6	1410.4	1412.0	1413.6	1415.2	1416.8	1415.2	1413.6	1412.0
180°	1411.7	1411.7	1411.7	1411.7	1411.7	1411.7	1411.7	1411.7	1411.7	1411.7	1411.7

TEST NUMBER: P999675

CATALOG NUMBER: SA2XXRDIP-B485D1080UB2750-4F0-XX-W2A-A_5000K

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
0°	1028.9	1028.9	1028.9	1028.9	1028.9	1028.9	1028.9	1028.9	1028.9	1028.9	1028.9
2.5°	1017.4	1018.1	1020.3	1013.8	1003.8	999.5	986.7	984.5	982.4	982.4	984.5
5°	994.5	991.7	992.4	980.2	965.9	957.4	939.5	942.3	933.1	927.3	928.8
7.5°	969.5	961.7	960.9	945.2	927.3	911.6	893.0	888.7	880.1	870.1	865.8
10°	938.1	932.3	921.6	903.7	880.9	868.0	843.0	828.0	825.8	810.8	805.1
12.5°	905.9	895.9	885.1	860.1	834.4	813.7	795.1	778.6	767.2	754.3	745.7
15°	868.7	856.6	844.4	817.9	787.9	767.2	739.3	715.0	681.4	654.9	639.9
17.5°	828.0	814.4	797.9	768.6	739.3	710.7	659.2	630.6	607.0	591.3	582.0
20°	785.8	770.8	754.3	725.0	674.2	624.2	595.6	573.4	559.1	543.4	531.9
22.5°	741.4	725.7	707.8	662.1	608.5	573.4	551.3	530.5	509.8	501.2	495.5
25°	700.0	685.7	662.8	600.6	558.4	526.2	501.2	487.6	476.9	465.5	454.7
27.5°	657.1	630.6	598.4	546.2	519.8	486.9	469.0	459.0	440.4	432.6	427.6
30°	605.6	576.3	545.5	508.4	477.6	454.7	438.3	421.8	411.1	403.3	394.7
32.5°	553.4	525.5	506.2	467.6	444.7	421.1	405.4	395.4	379.7	374.7	371.1
35°	508.4	484.8	467.6	436.1	414.7	393.2	381.8	366.8	356.8	347.5	341.8
37.5°	464.0	451.2	433.3	406.8	383.9	366.8	351.1	346.1	332.5	327.5	321.7
40°	433.3	414.0	399.0	376.1	356.8	338.2	328.2	316.7	307.4	299.6	297.4
42.5°	396.1	381.8	373.2	348.2	328.2	317.5	305.3	292.4	285.3	278.8	271.0
45°	368.2	355.3	343.2	323.2	305.3	291.7	281.0	272.4	260.3	257.4	245.2
47.5°	338.9	326.0	316.7	296.7	280.3	267.4	259.5	248.1	238.1	231.7	225.9
50°	309.6	298.9	290.3	273.1	258.8	245.2	234.5	223.1	218.8	208.1	204.5
52.5°	281.7	274.6	265.3	248.8	234.5	223.1	211.6	202.3	195.9	190.2	185.9
55°	258.1	246.7	242.4	224.5	212.4	200.2	190.2	184.5	176.6	173.0	169.5
57.5°	231.7	225.2	218.1	204.5	190.9	179.5	172.3	163.7	159.4	155.2	152.3
60°	208.8	199.5	193.8	182.3	170.2	159.4	153.0	146.6	140.9	137.3	131.6
62.5°	182.3	175.2	171.6	159.4	149.4	139.4	133.7	127.3	123.0	116.5	109.4
65°	159.4	153.7	149.4	139.4	130.1	120.8	115.1	107.2	101.5	98.0	97.2
67.5°	139.4	135.1	128.7	119.4	110.1	103.0	96.5	90.1	89.4	87.9	87.9
70°	117.3	113.0	109.4	99.4	91.5	83.7	82.2	80.1	77.9	77.2	75.8
72.5°	98.0	94.4	90.1	81.5	73.6	71.5	70.1	68.6	66.5	65.8	65.1
75°	79.4	74.4	71.5	63.6	61.5	60.1	58.6	56.5	55.1	54.3	52.9
77.5°	60.8	55.8	55.8	51.5	50.0	47.9	46.5	45.0	44.3	42.9	42.9
80°	42.9	42.9	41.5	39.3	37.2	36.5	34.3	33.6	32.9	33.6	32.2
82.5°	31.5	28.6	28.6	27.2	25.7	25.0	23.6	23.6	22.9	22.9	22.9
85°	17.9	17.9	17.2	15.7	15.0	15.0	14.3	14.3	13.6	13.6	12.9
87.5°	7.1	6.4	7.1	6.4	6.4	5.7	5.7	5.7	5.0	5.7	5.0
90°	11.0	12.3	13.2	15.0	16.8	18.6	20.4	21.5	22.7	23.8	24.9
92.5°	21.9	21.5	21.8	22.5	23.2	23.8	24.5	25.0	25.4	25.9	26.4
95°	36.4	32.7	33.5	35.1	36.6	38.2	39.8	40.9	42.1	43.2	44.3
97.5°	45.1	35.8	37.6	41.2	44.9	48.5	52.1	52.8	53.5	54.2	54.9
100°	56.4	40.9	42.8	46.7	50.5	54.4	58.2	60.0	61.8	63.7	65.5
102.5°	246.4	246.2	225.5	184.2	142.9	101.6	60.3	62.8	65.3	67.8	70.3
105°	337.8	341.2	310.2	248.2	186.3	124.3	62.3	64.8	67.3	69.8	72.3
107.5°	405.8	408.6	370.4	293.9	217.4	140.9	64.4	66.9	69.4	71.9	74.4
110°	471.6	474.0	441.2	375.6	310.0	244.4	178.8	156.1	133.4	110.7	88.0

TEST NUMBER: P999675

CATALOG NUMBER: SA2XXRDIP-B485D1080UB2750-4F0-XX-W2A-A_5000K

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
112.5°	534.3	536.3	534.4	530.5	526.6	522.8	518.9	421.1	323.3	225.4	127.6
115°	602.8	604.7	607.5	613.2	618.9	624.5	630.2	525.1	420.0	314.9	209.8
117.5°	665.7	668.0	669.9	673.8	677.7	681.5	685.4	652.9	620.5	588.0	555.5
120°	728.6	730.3	732.3	736.4	740.5	744.6	748.7	751.4	754.2	756.9	759.6
122.5°	786.8	788.6	790.9	795.4	799.9	804.5	809.0	810.4	811.7	813.1	814.4
125°	842.2	843.7	845.9	850.2	854.5	858.8	863.1	864.7	866.3	867.9	869.5
127.5°	896.3	897.9	899.6	903.0	906.4	909.8	913.2	915.5	917.7	920.0	922.3
130°	948.2	950.0	951.2	953.7	956.2	958.7	961.2	963.7	966.2	968.7	971.2
132.5°	996.5	998.0	999.2	1001.7	1004.2	1006.7	1009.2	1011.2	1013.3	1015.3	1017.4
135°	1042.1	1043.9	1044.9	1047.0	1049.0	1051.1	1053.1	1055.4	1057.6	1059.9	1062.2
137.5°	1083.4	1084.8	1085.9	1088.2	1090.5	1092.7	1095.0	1097.3	1099.5	1101.8	1104.1
140°	1123.7	1124.6	1125.9	1128.4	1130.9	1133.4	1135.9	1137.9	1140.0	1142.0	1144.1
142.5°	1159.6	1160.4	1161.9	1164.8	1167.8	1170.7	1173.7	1175.5	1177.3	1179.1	1180.9
145°	1191.1	1191.0	1192.9	1196.8	1200.7	1204.5	1208.4	1210.0	1211.6	1213.1	1214.7
147.5°	1223.0	1222.7	1224.6	1228.5	1232.4	1236.2	1240.1	1241.2	1242.4	1243.5	1244.6
150°	1252.1	1251.3	1253.1	1256.7	1260.4	1264.0	1267.6	1269.0	1270.4	1271.7	1273.1
152.5°	1278.8	1277.9	1279.6	1283.0	1286.4	1289.8	1293.2	1294.6	1295.9	1297.3	1298.6
155°	1304.4	1303.4	1304.8	1307.5	1310.2	1313.0	1315.7	1317.1	1318.4	1319.8	1321.1
157.5°	1326.8	1325.9	1326.9	1329.0	1331.0	1333.1	1335.1	1336.7	1338.3	1339.8	1341.4
160°	1347.0	1346.3	1347.0	1348.3	1349.7	1351.0	1352.4	1353.8	1355.2	1356.5	1357.9
162.5°	1363.3	1362.6	1363.2	1364.3	1365.4	1366.6	1367.7	1369.3	1370.9	1372.5	1374.1
165°	1377.6	1376.9	1377.2	1377.9	1378.6	1379.3	1380.0	1381.6	1383.2	1384.8	1386.4
167.5°	1388.9	1388.2	1388.5	1389.2	1389.9	1390.5	1391.2	1392.8	1394.4	1396.0	1397.6
170°	1398.1	1397.4	1397.6	1398.1	1398.5	1399.0	1399.4	1401.0	1402.6	1404.2	1405.8
172.5°	1404.2	1403.5	1403.7	1404.2	1404.6	1405.1	1405.5	1407.1	1408.7	1410.3	1411.9
175°	1408.4	1407.6	1407.8	1408.3	1408.7	1409.2	1409.6	1411.2	1412.8	1414.4	1416.0
177.5°	1410.4	1409.6	1409.7	1409.9	1410.2	1410.4	1410.6	1412.2	1413.8	1415.4	1417.0
180°	1411.7	1411.7	1411.7	1411.7	1411.7	1411.7	1411.7	1411.7	1411.7	1411.7	1411.7

TEST NUMBER: P999675

CATALOG NUMBER: SA2XXRDIP-B485D1080UB2750-4F0-XX-W2A-A_5000K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
0°	1028.9	1028.9	1028.9	1028.9	1028.9	1028.9	1028.9	1028.9	1028.9	1028.9	1028.9
2.5°	984.5	983.1	978.8	980.2	978.1	978.1	976.7	976.7	976.7	980.2	978.1
5°	930.9	925.9	920.9	918.8	916.6	914.5	914.5	913.7	920.2	918.8	924.5
7.5°	864.4	863.0	853.0	853.0	849.4	848.0	851.5	852.3	853.0	854.4	858.0
10°	805.1	801.5	787.2	788.6	786.5	783.6	785.8	784.3	789.3	790.8	789.3
12.5°	735.0	728.6	712.8	705.0	696.4	690.0	697.8	692.1	712.1	717.8	733.6
15°	642.1	629.9	619.2	619.2	611.3	605.6	609.2	615.6	619.9	626.3	629.2
17.5°	579.9	574.8	566.3	561.3	559.1	557.0	557.0	559.8	569.1	568.4	574.1
20°	526.9	524.1	519.8	513.4	511.2	509.8	509.8	509.8	516.2	521.9	525.5
22.5°	490.5	488.3	485.5	476.9	472.6	471.2	474.7	476.9	481.9	486.2	489.8
25°	454.0	449.0	444.0	441.1	439.0	439.0	440.4	441.1	443.3	445.4	449.7
27.5°	424.0	420.4	413.3	405.4	405.4	403.3	404.7	406.1	411.1	418.3	421.8
30°	390.4	389.7	386.8	383.9	381.1	379.7	382.5	384.7	385.4	389.0	389.0
32.5°	366.1	361.1	356.1	353.2	351.8	351.1	351.8	354.6	354.6	358.9	363.9
35°	341.8	338.9	333.9	328.9	327.5	323.9	326.7	329.6	334.6	336.8	338.9
37.5°	315.3	311.7	309.6	308.2	305.3	306.0	303.9	308.2	312.4	311.7	313.2
40°	295.3	288.9	282.4	281.7	281.0	280.3	280.3	281.0	283.8	286.7	291.0
42.5°	269.5	267.4	261.7	256.0	254.5	253.1	251.7	254.5	260.3	265.3	267.4
45°	243.1	240.2	238.8	234.5	231.7	230.9	229.5	233.1	238.1	240.2	241.7
47.5°	218.8	218.1	213.8	214.5	212.4	213.1	212.4	214.5	214.5	216.6	218.1
50°	202.3	200.2	198.1	196.6	194.5	194.5	193.8	194.5	197.3	200.2	199.5
52.5°	185.9	182.3	181.6	180.9	179.5	180.9	178.7	179.5	182.3	183.8	183.0
55°	166.6	165.9	164.4	163.0	162.3	161.6	161.6	161.6	164.4	166.6	167.3
57.5°	151.6	148.0	145.1	145.1	142.3	141.6	143.0	143.7	145.9	147.3	148.7
60°	130.8	129.4	125.1	123.0	118.7	118.0	118.0	120.8	124.4	129.4	130.8
62.5°	108.7	106.5	105.8	105.8	105.8	105.8	105.8	105.8	105.8	106.5	106.5
65°	96.5	97.2	96.5	95.8	96.5	96.5	95.8	95.8	95.8	96.5	97.2
67.5°	86.5	85.8	86.5	85.8	85.1	85.1	84.4	85.1	85.8	86.5	86.5
70°	75.1	75.1	74.4	75.1	74.4	73.6	72.9	72.9	74.4	75.1	75.1
72.5°	64.3	64.3	63.6	63.6	62.2	62.2	62.9	62.2	62.2	64.3	64.3
75°	53.6	52.9	52.2	52.2	51.5	51.5	51.5	50.8	52.2	52.2	52.9
77.5°	42.2	42.2	42.2	41.5	41.5	40.8	40.8	41.5	41.5	41.5	42.2
80°	32.2	32.2	32.2	31.5	30.7	30.7	30.7	30.7	30.7	31.5	30.7
82.5°	22.2	22.2	22.2	22.2	22.2	21.4	21.4	21.4	22.2	22.2	21.4
85°	13.6	12.9	13.6	13.6	12.9	13.6	12.9	12.9	12.2	12.2	12.9
87.5°	5.7	5.0	4.3	4.3	5.0	4.3	4.3	4.3	5.0	4.3	4.3
90°	25.5	25.7	26.2	26.7	27.1	27.6	27.1	26.7	26.2	25.7	25.5
92.5°	26.6	26.7	26.9	27.2	27.4	27.6	27.4	27.2	26.9	26.7	26.6
95°	44.9	44.8	44.6	44.3	44.1	43.9	44.1	44.3	44.6	44.8	44.9
97.5°	55.2	55.3	55.5	55.8	56.0	56.2	56.0	55.8	55.5	55.3	55.2
100°	66.4	66.6	67.1	67.5	68.0	68.4	68.0	67.5	67.1	66.6	66.4
102.5°	71.5	71.8	72.5	73.2	73.9	74.6	73.9	73.2	72.5	71.8	71.5
105°	73.5	74.0	74.9	75.8	76.7	77.6	76.7	75.8	74.9	74.0	73.5
107.5°	75.6	76.1	77.0	77.9	78.8	79.7	78.8	77.9	77.0	76.1	75.6
110°	76.6	77.1	78.0	78.9	79.8	80.7	79.8	78.9	78.0	77.1	76.6

TEST NUMBER: P999675

CATALOG NUMBER: SA2XXRDIP-B485D1080UB2750-4F0-XX-W2A-A_5000K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
112.5°	78.7	79.0	79.7	80.4	81.0	81.7	81.0	80.4	79.7	79.0	78.7
115°	157.3	149.1	132.8	116.5	100.1	83.8	100.1	116.5	132.8	149.1	157.3
117.5°	539.3	509.6	450.1	390.6	331.2	271.7	331.2	390.6	450.1	509.6	539.3
120°	761.0	745.7	715.0	684.4	653.7	623.1	653.7	684.4	715.0	745.7	761.0
122.5°	815.1	815.2	815.5	815.7	816.0	816.2	816.0	815.7	815.5	815.2	815.1
125°	870.3	870.6	871.3	872.0	872.7	873.4	872.7	872.0	871.3	870.6	870.3
127.5°	923.4	923.5	923.7	924.0	924.2	924.4	924.2	924.0	923.7	923.5	923.4
130°	972.4	972.3	972.1	971.8	971.6	971.4	971.6	971.8	972.1	972.3	972.4
132.5°	1018.4	1018.3	1018.1	1017.8	1017.6	1017.4	1017.6	1017.8	1018.1	1018.3	1018.4
135°	1063.3	1063.1	1062.6	1062.2	1061.7	1061.3	1061.7	1062.2	1062.6	1063.1	1063.3
137.5°	1105.2	1104.9	1104.2	1103.5	1102.9	1102.2	1102.9	1103.5	1104.2	1104.9	1105.2
140°	1145.1	1144.5	1143.4	1142.3	1141.1	1140.0	1141.1	1142.3	1143.4	1144.5	1145.1
142.5°	1181.8	1181.2	1180.1	1179.0	1177.8	1176.7	1177.8	1179.0	1180.1	1181.2	1181.8
145°	1215.5	1214.9	1213.8	1212.7	1211.5	1210.4	1211.5	1212.7	1213.8	1214.9	1215.5
147.5°	1245.2	1244.7	1243.8	1242.9	1242.0	1241.1	1242.0	1242.9	1243.8	1244.7	1245.2
150°	1273.8	1273.2	1272.1	1271.0	1269.8	1268.7	1269.8	1271.0	1272.1	1273.2	1273.8
152.5°	1299.3	1298.5	1296.9	1295.4	1293.8	1292.2	1293.8	1295.4	1296.9	1298.5	1299.3
155°	1321.8	1320.9	1319.1	1317.2	1315.4	1313.6	1315.4	1317.2	1319.1	1320.9	1321.8
157.5°	1342.2	1341.3	1339.5	1337.6	1335.8	1334.0	1335.8	1337.6	1339.5	1341.3	1342.2
160°	1358.6	1357.8	1356.2	1354.6	1353.0	1351.4	1353.0	1354.6	1356.2	1357.8	1358.6
162.5°	1374.9	1373.9	1371.8	1369.8	1367.7	1365.7	1367.7	1369.8	1371.8	1373.9	1374.9
165°	1387.2	1386.4	1384.8	1383.2	1381.6	1380.0	1381.6	1383.2	1384.8	1386.4	1387.2
167.5°	1398.4	1397.4	1395.3	1393.3	1391.2	1389.2	1391.2	1393.3	1395.3	1397.4	1398.4
170°	1406.6	1405.6	1403.5	1401.5	1399.4	1397.4	1399.4	1401.5	1403.5	1405.6	1406.6
172.5°	1412.7	1411.7	1409.6	1407.6	1405.5	1403.5	1405.5	1407.6	1409.6	1411.7	1412.7
175°	1416.8	1415.7	1413.4	1411.1	1408.9	1406.6	1408.9	1411.1	1413.4	1415.7	1416.8
177.5°	1417.8	1416.8	1414.7	1412.7	1410.6	1408.6	1410.6	1412.7	1414.7	1416.8	1417.8
180°	1411.7	1411.7	1411.7	1411.7	1411.7	1411.7	1411.7	1411.7	1411.7	1411.7	1411.7

TEST NUMBER: P999675

CATALOG NUMBER: SA2XXRDIP-B485D1080UB2750-4F0-XX-W2A-A_5000K

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
0°	1028.9	1028.9	1028.9	1028.9	1028.9	1028.9	1028.9	1028.9	1028.9	1028.9	1028.9
2.5°	980.2	983.8	982.4	974.5	982.4	984.5	988.8	993.1	996.0	1000.3	1003.8
5°	918.8	925.9	930.2	925.9	940.2	942.3	952.4	958.1	966.7	973.8	979.5
7.5°	860.8	866.6	875.1	876.6	885.1	895.2	909.5	923.8	937.3	944.5	950.9
10°	798.6	808.6	821.5	818.7	831.5	847.3	862.3	885.1	896.6	909.5	920.9
12.5°	736.4	742.9	760.0	765.7	784.3	796.5	817.2	831.5	860.1	875.1	885.1
15°	627.8	654.2	675.7	701.4	725.7	748.6	767.2	792.9	817.9	829.4	845.8
17.5°	578.4	590.6	603.4	616.3	647.8	688.5	721.4	749.3	770.8	785.8	805.1
20°	526.9	539.1	553.4	565.6	584.9	614.2	654.9	702.8	728.6	744.3	762.9
22.5°	490.5	501.9	511.2	521.9	537.0	558.4	589.1	648.5	682.8	702.1	718.6
25°	451.2	465.5	475.5	483.3	495.5	519.1	544.1	577.7	639.2	654.2	677.1
27.5°	424.0	428.3	439.7	451.9	464.0	476.9	502.6	531.2	572.7	605.6	633.5
30°	391.8	402.5	413.3	418.3	429.0	447.6	463.3	494.1	526.2	552.0	585.6
32.5°	367.5	373.9	381.1	393.2	403.3	416.1	431.9	457.6	484.8	501.2	526.9
35°	340.3	344.6	359.6	364.6	374.7	387.5	403.3	423.3	452.6	465.5	484.0
37.5°	314.6	324.6	328.9	340.3	349.6	362.5	373.9	396.8	416.1	431.1	448.3
40°	294.6	298.9	306.7	316.7	324.6	334.6	348.9	365.4	386.1	398.2	413.3
42.5°	270.3	273.8	283.8	289.6	302.4	311.7	320.3	340.3	358.9	368.2	383.2
45°	243.8	252.4	258.8	270.3	277.4	288.9	299.6	313.9	331.0	341.8	350.3
47.5°	220.9	229.5	235.9	246.7	258.1	263.1	274.6	289.6	305.3	313.9	326.0
50°	202.3	205.2	217.4	222.4	234.5	244.5	252.4	265.3	282.4	287.4	297.4
52.5°	184.5	186.6	194.5	200.9	211.6	220.2	230.2	242.4	256.7	264.5	272.4
55°	168.7	170.2	173.7	180.9	188.0	198.8	208.1	219.5	231.7	240.2	247.4
57.5°	150.9	153.7	156.6	160.9	168.0	178.0	188.0	198.8	208.8	214.5	223.8
60°	130.1	134.4	139.4	144.4	149.4	156.6	168.0	178.0	187.3	192.3	199.5
62.5°	108.0	116.5	120.8	126.6	130.8	137.3	145.9	157.3	163.7	170.2	175.9
65°	97.2	98.0	98.7	104.4	112.3	118.7	126.6	135.1	145.1	149.4	153.7
67.5°	86.5	87.2	88.7	89.4	92.2	99.4	108.0	117.3	125.1	128.0	132.3
70°	75.8	75.8	78.6	79.4	80.1	80.8	87.9	97.2	104.4	108.0	113.0
72.5°	64.3	65.1	66.5	67.2	68.6	70.1	72.2	77.2	85.8	89.4	95.1
75°	52.9	53.6	54.3	55.1	57.2	57.9	60.1	62.9	66.5	70.8	74.4
77.5°	42.2	42.2	42.9	44.3	45.8	46.5	48.6	50.0	51.5	53.6	56.5
80°	31.5	32.2	32.2	33.6	33.6	34.3	35.0	37.2	38.6	40.0	41.5
82.5°	21.4	22.9	22.9	22.9	23.6	24.3	25.0	25.0	26.5	27.2	29.3
85°	12.9	13.6	13.6	13.6	12.9	14.3	14.3	15.0	15.0	15.0	15.7
87.5°	5.0	4.3	5.0	5.0	5.0	5.7	5.0	5.0	5.7	6.4	6.4
90°	24.9	23.8	22.7	21.5	20.4	18.6	16.8	15.0	13.2	12.3	11.0
92.5°	26.4	25.9	25.4	25.0	24.5	23.8	23.2	22.5	21.8	21.5	21.9
95°	44.3	43.2	42.1	40.9	39.8	38.2	36.6	35.1	33.5	32.7	36.4
97.5°	54.9	54.2	53.5	52.8	52.1	48.5	44.9	41.2	37.6	35.8	45.1
100°	65.5	63.7	61.8	60.0	58.2	54.4	50.5	46.7	42.8	40.9	56.4
102.5°	70.3	67.8	65.3	62.8	60.3	101.6	142.9	184.2	225.5	246.2	246.4
105°	72.3	69.8	67.3	64.8	62.3	124.3	186.3	248.2	310.2	341.2	337.8
107.5°	74.4	71.9	69.4	66.9	64.4	140.9	217.4	293.9	370.4	408.6	405.8
110°	88.0	110.7	133.4	156.1	178.8	244.4	310.0	375.6	441.2	474.0	471.6

TEST NUMBER: P999675

CATALOG NUMBER: SA2XXRDIP-B485D1080UB2750-4F0-XX-W2A-A_5000K

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
112.5°	127.6	225.4	323.3	421.1	518.9	522.8	526.6	530.5	534.4	536.3	534.3
115°	209.8	314.9	420.0	525.1	630.2	624.5	618.9	613.2	607.5	604.7	602.8
117.5°	555.5	588.0	620.5	652.9	685.4	681.5	677.7	673.8	669.9	668.0	665.7
120°	759.6	756.9	754.2	751.4	748.7	744.6	740.5	736.4	732.3	730.3	728.6
122.5°	814.4	813.1	811.7	810.4	809.0	804.5	799.9	795.4	790.9	788.6	786.8
125°	869.5	867.9	866.3	864.7	863.1	858.8	854.5	850.2	845.9	843.7	842.2
127.5°	922.3	920.0	917.7	915.5	913.2	909.8	906.4	903.0	899.6	897.9	896.3
130°	971.2	968.7	966.2	963.7	961.2	958.7	956.2	953.7	951.2	950.0	948.2
132.5°	1017.4	1015.3	1013.3	1011.2	1009.2	1006.7	1004.2	1001.7	999.2	998.0	996.5
135°	1062.2	1059.9	1057.6	1055.4	1053.1	1051.1	1049.0	1047.0	1044.9	1043.9	1042.1
137.5°	1104.1	1101.8	1099.5	1097.3	1095.0	1092.7	1090.5	1088.2	1085.9	1084.8	1083.4
140°	1144.1	1142.0	1140.0	1137.9	1135.9	1133.4	1130.9	1128.4	1125.9	1124.6	1123.7
142.5°	1180.9	1179.1	1177.3	1175.5	1173.7	1170.7	1167.8	1164.8	1161.9	1160.4	1159.6
145°	1214.7	1213.1	1211.6	1210.0	1208.4	1204.5	1200.7	1196.8	1192.9	1191.0	1191.1
147.5°	1244.6	1243.5	1242.4	1241.2	1240.1	1236.2	1232.4	1228.5	1224.6	1222.7	1223.0
150°	1273.1	1271.7	1270.4	1269.0	1267.6	1264.0	1260.4	1256.7	1253.1	1251.3	1252.1
152.5°	1298.6	1297.3	1295.9	1294.6	1293.2	1289.8	1286.4	1283.0	1279.6	1277.9	1278.8
155°	1321.1	1319.8	1318.4	1317.1	1315.7	1313.0	1310.2	1307.5	1304.8	1303.4	1304.4
157.5°	1341.4	1339.8	1338.3	1336.7	1335.1	1333.1	1331.0	1329.0	1326.9	1325.9	1326.8
160°	1357.9	1356.5	1355.2	1353.8	1352.4	1351.0	1349.7	1348.3	1347.0	1346.3	1347.0
162.5°	1374.1	1372.5	1370.9	1369.3	1367.7	1366.6	1365.4	1364.3	1363.2	1362.6	1363.3
165°	1386.4	1384.8	1383.2	1381.6	1380.0	1379.3	1378.6	1377.9	1377.2	1376.9	1377.6
167.5°	1397.6	1396.0	1394.4	1392.8	1391.2	1390.5	1389.9	1389.2	1388.5	1388.2	1388.9
170°	1405.8	1404.2	1402.6	1401.0	1399.4	1399.0	1398.5	1398.1	1397.6	1397.4	1398.1
172.5°	1411.9	1410.3	1408.7	1407.1	1405.5	1405.1	1404.6	1404.2	1403.7	1403.5	1404.2
175°	1416.0	1414.4	1412.8	1411.2	1409.6	1409.2	1408.7	1408.3	1407.8	1407.6	1408.4
177.5°	1417.0	1415.4	1413.8	1412.2	1410.6	1410.4	1410.2	1409.9	1409.7	1409.6	1410.4
180°	1411.7	1411.7	1411.7	1411.7	1411.7	1411.7	1411.7	1411.7	1411.7	1411.7	1411.7

TEST NUMBER: P999675

CATALOG NUMBER: SA2XXRDIP-B485D1080UB2750-4F0-XX-W2A-A_5000K

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
0°	1028.9	1028.9	1028.9	1028.9
2.5°	1010.3	1008.1	1021.0	1035.3
5°	989.5	993.1	1009.6	1029.6
7.5°	968.1	976.0	995.3	1021.7
10°	938.1	952.4	981.7	1008.8
12.5°	908.7	928.0	955.9	988.1
15°	875.9	897.3	931.6	970.2
17.5°	839.4	863.7	903.7	945.9
20°	800.8	833.0	875.1	920.9
22.5°	757.9	796.5	840.1	890.9
25°	716.4	758.6	802.2	860.8
27.5°	675.7	717.1	765.7	825.1
30°	634.9	672.8	725.0	788.6
32.5°	591.3	630.6	685.7	750.7
35°	551.3	590.6	642.1	706.4
37.5°	508.4	550.5	599.9	666.4
40°	458.3	507.6	555.5	619.2
42.5°	416.8	469.0	515.5	575.6
45°	383.9	433.3	471.9	530.5
47.5°	353.2	393.2	432.6	486.9
50°	323.9	354.6	395.4	444.0
52.5°	293.9	320.3	355.3	401.1
55°	266.7	291.7	323.2	358.2
57.5°	241.7	259.5	291.0	322.5
60°	213.8	232.4	256.7	283.1
62.5°	190.2	204.5	227.4	249.5
65°	165.2	178.7	195.9	216.6
67.5°	142.3	154.4	168.0	184.5
70°	121.5	130.8	140.9	155.2
72.5°	99.4	109.4	118.7	130.1
75°	81.5	85.8	93.7	101.5
77.5°	62.9	68.6	72.9	79.4
80°	45.0	50.0	51.5	56.5
82.5°	30.0	32.9	35.7	37.2
85°	17.2	18.6	21.4	22.2
87.5°	6.4	7.1	8.6	10.0
90°	8.5	6.0	3.5	1.0
92.5°	22.8	23.7	24.6	25.5
95°	43.9	51.4	58.9	66.4
97.5°	63.7	82.3	100.9	119.5
100°	87.5	118.6	149.7	180.8
102.5°	246.9	247.3	247.8	248.2
105°	331.0	324.1	317.3	310.5
107.5°	400.1	394.4	388.8	383.1
110°	466.8	462.1	457.3	452.5

TEST NUMBER: P999675

CATALOG NUMBER: SA2XXRDIP-B485D1080UB2750-4F0-XX-W2A-A_5000K

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
112.5°	530.2	526.1	522.0	517.9
115°	598.9	595.0	591.2	587.3
117.5°	661.2	656.7	652.1	647.6
120°	725.2	721.8	718.4	715.0
122.5°	783.1	779.5	775.8	772.2
125°	839.3	836.4	833.4	830.5
127.5°	893.1	890.0	886.8	883.6
130°	944.5	940.9	937.2	933.6
132.5°	993.6	990.6	987.7	984.7
135°	1038.5	1034.8	1031.2	1027.6
137.5°	1080.7	1078.0	1075.2	1072.5
140°	1121.9	1120.1	1118.3	1116.5
142.5°	1158.0	1156.4	1154.8	1153.2
145°	1191.4	1191.6	1191.9	1192.1
147.5°	1223.7	1224.4	1225.1	1225.8
150°	1253.7	1255.2	1256.8	1258.4
152.5°	1280.6	1282.4	1284.2	1286.0
155°	1306.5	1308.5	1310.6	1312.6
157.5°	1328.6	1330.4	1332.2	1334.0
160°	1348.3	1349.7	1351.0	1352.4
162.5°	1364.7	1366.0	1367.4	1368.8
165°	1379.0	1380.3	1381.7	1383.1
167.5°	1390.2	1391.6	1392.9	1394.3
170°	1399.4	1400.8	1402.1	1403.5
172.5°	1405.5	1406.9	1408.2	1409.6
175°	1410.0	1411.5	1413.1	1414.7
177.5°	1412.0	1413.6	1415.2	1416.8
180°	1411.7	1411.7	1411.7	1411.7

(END OF REPORT)