

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: P999832

Luminaire Tested: SA2XXRDIP-B485D925UB2750-4F0-XX-W2A-A_4000K

Issue Date: 5/7/2025

Test Information

Test Method: LM-79-2019
Report Number: P999832
REPORT IS A COMBINATION OF REPORTS P988387 AND P1007351
Test Lab: INNOVATION CENTER
Issue Date: 5/7/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: NEO-RAY
Catalog Number: SA2XXRDIP-B485D925UB2750-4F0-XX-W2A-A_4000K
Description: Define 2 Regressed Direct/Indirect Pendant with 4000K BioUP LEDs {m-DER=0.865}
{m-EER=0.951}
Light Source: -
Ballast/Driver: -

Summary

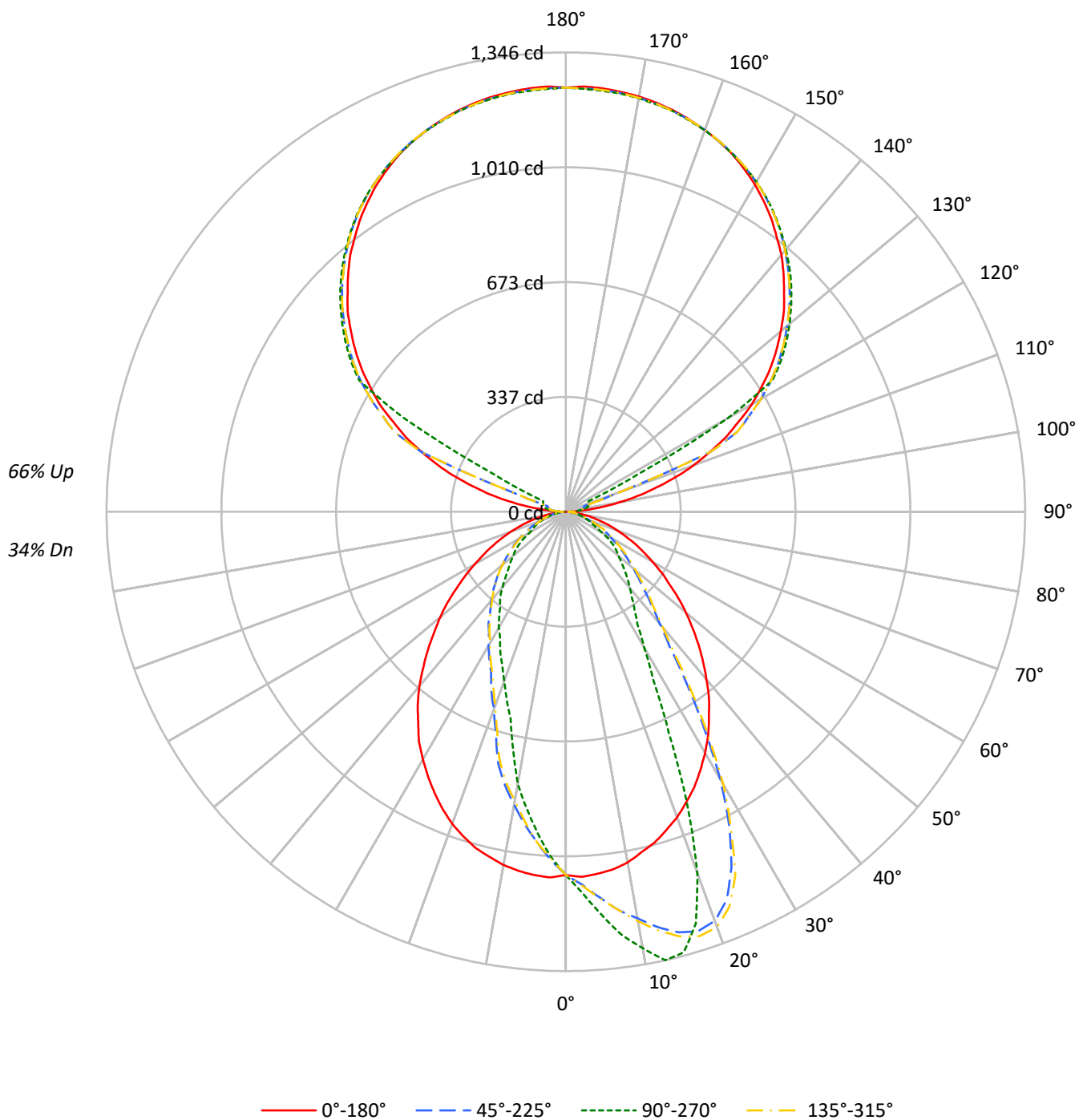
Lumens per Lamp: N/A
Luminaire Lumens: 5484.0 lumens
Efficiency: N/A
Efficacy: 104.5 lumens/watt
Spacing Criteria (0/90/45): 1.16 / 0.85 / 1.01
Luminous Opening: Rectangular w/ Sides (W: 0.17' x L: 4' x H: 0.1')
CIE Type: Semi-Indirect

Input Watts (W): 52.5
Input Voltage (V):
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT

TEST NUMBER: P999832

CATALOG NUMBER: SA2XXRDIP-B485D925UB2750-4F0-XX-W2A-A_4000K

Luminous Intensity Polar Plot



TEST NUMBER: P999832

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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	103	103	103	103	93	93	93	93	74	74	74	57	57	57	41	41	41
1	95	91	87	84	85	82	79	76	66	64	62	51	49	48	37	36	36
2	87	80	74	69	78	72	67	63	58	55	52	45	43	41	33	32	31
3	79	71	64	58	71	64	58	54	52	48	44	40	38	35	30	28	27
4	73	63	55	50	66	57	51	46	46	42	38	36	33	31	27	25	24
5	67	56	49	43	60	51	45	40	42	37	33	33	30	27	25	23	21
6	62	51	43	37	56	46	40	35	38	33	29	30	27	24	23	21	19
7	57	46	38	33	52	42	35	31	34	30	26	27	24	21	21	19	17
8	53	42	34	29	48	38	32	27	31	27	23	25	22	19	19	17	15
9	50	38	31	26	45	35	29	24	29	24	21	23	20	17	18	16	14
10	46	35	28	24	42	32	26	22	27	22	19	22	18	16	17	15	13

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	16846	16846	16846	16846
5°	16884	17893	16943	14293
10°	16699	18911	16816	11803
15°	16336	18917	16612	8868
20°	15900	15637	16246	7316
25°	15372	9771	15704	6224
30°	14697	6256	15097	5358
35°	13875	4808	14325	4585
40°	12961	4041	13516	4011
45°	11984	3439	12484	3367
50°	10981	2923	11495	2911
55°	9872	2539	10405	2506
60°	8885	1937	9358	1913
65°	7967	1457	8439	1653
70°	6951	1164	7492	1348
75°	5874	892	6411	1018
80°	4663	605	5022	669
85°	3235	313	3546	332

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 165°

Vertical Angle: 45°

Luminance: 15410 cd/sqm

TEST NUMBER: P999832

CATALOG NUMBER: SA2XXRDIP-B485D925UB2750-4F0-XX-W2A-A_4000K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	100.9	1.8
10°-20°	281.7	5.1
20°-30°	362.6	6.6
30°-40°	344.0	6.3
40°-50°	294.8	5.4
50°-60°	224.5	4.1
60°-70°	141.6	2.6
70°-80°	70.6	1.3
80°-90°	20.4	0.4
90°-100°	41.0	0.7
100°-110°	152.7	2.8
110°-120°	405.1	7.4
120°-130°	671.9	12.3
130°-140°	713.7	13.0
140°-150°	663.3	12.1
150°-160°	533.3	9.7
160°-170°	343.6	6.3
170°-180°	118.3	2.2
0°-30°	745.3	13.6
0°-40°	1089.3	19.9
0°-60°	1608.6	29.3
0°-90°	1841.2	33.6
90°-120°	598.8	10.9
90°-150°	2647.7	48.3
90°-180°	3643.0	66.4
0°-180°	5484.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1064	1064	1064	1064	1064	
5°	1065	1184	1069	946	1065	101
15°	1004	1336	1020	626	1004	282
25°	890	713	910	454	890	409
35°	731	351	754	335	731	457
45°	549	244	572	239	549	424
55°	370	169	390	167	370	334
65°	224	88	237	100	224	222
75°	105	47	115	53	105	114
85°	23	13	25	14	23	26
90°	1	24	1	24	1	5
95°	58	39	58	39	58	69
105°	273	68	273	68	273	292
115°	517	74	517	74	517	509
125°	731	769	731	769	731	652
135°	904	934	904	934	904	699
145°	1049	1066	1049	1066	1049	656
155°	1155	1156	1155	1156	1155	532
165°	1217	1215	1217	1215	1217	344
175°	1245	1238	1245	1238	1245	119
180°	1243	1243	1243	1243	1243	

TEST NUMBER: P999832

CATALOG NUMBER: SA2XXRDIP-B485D925UB2750-4F0-XX-W2A-A_4000K

CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	1064.2	1064.2	1064.2	1064.2	1064.2	1064.2	1064.2	1064.2	1064.2	1064.2	1064.2
2.5°	1070.8	1075.3	1077.5	1080.4	1087.1	1091.5	1098.2	1099.7	1098.9	1101.9	1093.7
5°	1064.9	1074.5	1083.4	1090.8	1102.6	1110.0	1118.1	1127.8	1130.0	1141.1	1134.4
7.5°	1056.8	1070.8	1083.4	1098.2	1115.9	1125.5	1138.1	1152.9	1159.6	1172.9	1176.6
10°	1043.5	1063.4	1084.9	1100.4	1124.8	1141.8	1153.6	1177.3	1192.8	1212.8	1209.8
12.5°	1022.0	1047.9	1076.7	1102.6	1134.4	1145.5	1167.7	1192.1	1212.1	1230.6	1246.8
15°	1003.5	1033.1	1064.9	1096.7	1132.9	1153.6	1175.8	1207.6	1229.1	1261.6	1275.7
17.5°	978.4	1016.1	1053.8	1089.3	1132.2	1155.9	1183.2	1214.3	1246.1	1277.1	1288.2
20°	952.5	993.2	1033.8	1081.9	1130.7	1153.6	1181.7	1220.2	1251.3	1275.7	1275.7
22.5°	921.4	971.0	1017.6	1063.4	1116.7	1149.9	1178.8	1223.9	1246.1	1251.3	1231.3
25°	890.4	939.9	990.9	1047.9	1108.5	1138.1	1170.6	1212.8	1220.2	1199.5	1147.7
27.5°	853.4	908.9	966.5	1027.9	1091.5	1128.5	1158.1	1186.2	1172.1	1116.7	1036.1
30°	815.7	875.6	940.7	999.1	1076.0	1110.0	1135.2	1143.3	1098.9	1008.7	904.4
32.5°	776.5	834.9	903.7	973.9	1051.6	1084.1	1100.4	1078.9	997.6	883.7	756.5
35°	730.6	796.5	868.2	941.4	1018.3	1042.7	1052.3	999.8	895.6	748.4	621.9
37.5°	689.2	755.0	832.0	906.6	981.3	994.6	985.0	902.9	770.6	624.9	501.4
40°	640.4	710.7	786.1	869.7	931.0	934.7	911.1	804.6	640.4	503.6	427.4
42.5°	595.3	666.3	741.7	826.8	873.4	860.8	829.0	689.2	534.7	434.1	372.7
45°	548.7	616.0	697.4	772.8	806.1	776.5	728.4	579.8	448.9	373.5	326.1
47.5°	503.6	566.5	647.1	719.5	725.5	692.2	635.2	485.9	389.0	328.3	289.9
50°	459.2	522.1	597.5	657.4	651.5	605.7	541.3	422.3	338.0	289.9	258.1
52.5°	414.9	471.8	545.0	592.4	567.2	522.8	459.2	357.9	295.1	252.9	228.5
55°	370.5	423.7	486.6	525.8	485.9	434.8	389.7	306.9	255.9	221.9	203.4
57.5°	333.5	375.7	433.4	457.0	409.0	369.0	329.8	264.0	221.9	197.5	176.0
60°	292.8	331.3	378.6	392.7	343.1	310.6	277.3	223.3	190.1	168.6	154.6
62.5°	258.1	289.9	326.1	326.1	282.5	258.1	232.9	187.1	159.7	142.7	136.1
65°	224.1	247.0	272.9	269.9	232.9	211.5	191.5	154.6	133.9	122.0	115.4
67.5°	190.8	208.5	225.6	215.2	188.6	170.1	151.6	125.0	110.9	102.8	93.9
70°	160.5	174.5	183.4	173.8	147.2	131.6	118.3	100.6	89.5	79.1	74.0
72.5°	134.6	140.5	143.5	131.6	109.4	100.6	91.0	78.4	68.8	63.6	62.1
75°	105.0	110.2	108.0	99.1	80.6	74.0	66.6	57.7	55.5	52.5	51.0
77.5°	82.1	82.1	78.4	70.3	57.7	52.5	49.5	45.1	42.9	42.2	40.7
80°	58.4	57.7	55.5	46.6	39.2	36.2	36.2	33.3	32.5	31.1	31.1
82.5°	38.5	38.5	35.5	28.1	25.9	25.1	24.4	22.9	22.9	22.2	22.2
85°	22.9	21.4	17.7	15.5	14.8	14.8	14.1	13.3	14.1	13.3	13.3
87.5°	10.4	8.1	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9
90°	0.9	3.1	5.3	7.5	9.7	10.8	11.6	13.2	14.8	16.4	18.0
92.5°	22.5	21.7	20.9	20.1	19.3	18.9	19.2	19.8	20.4	21.0	21.6
95°	58.4	51.8	45.2	38.7	32.1	28.8	29.5	30.9	32.3	33.7	35.1
97.5°	105.2	88.8	72.4	56.1	39.7	31.5	33.1	36.3	39.5	42.7	45.9
100°	159.1	131.7	104.4	77.0	49.7	36.0	37.7	41.1	44.4	47.8	51.2
102.5°	218.5	218.1	217.7	217.3	216.9	216.7	198.5	162.1	125.8	89.4	53.0
105°	273.3	279.3	285.3	291.3	297.3	300.3	273.0	218.5	163.9	109.4	54.8
107.5°	337.2	342.2	347.2	352.1	357.1	359.6	325.9	258.6	191.3	123.9	56.6
110°	398.3	402.5	406.7	410.9	415.1	417.2	388.3	330.6	272.8	215.1	157.3

TEST NUMBER: P999832

CATALOG NUMBER: SA2XXRDIP-B485D925UB2750-4F0-XX-W2A-A_4000K

CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	455.9	459.5	463.1	466.6	470.2	472.0	470.3	466.9	463.6	460.2	456.8
115°	517.0	520.4	523.8	527.2	530.6	532.3	534.8	539.8	544.8	549.8	554.8
117.5°	570.0	574.0	578.0	582.0	586.0	588.0	589.7	593.1	596.5	599.9	603.3
120°	629.4	632.4	635.4	638.4	641.4	642.9	644.7	648.3	651.9	655.5	659.1
122.5°	679.7	682.9	686.1	689.3	692.5	694.1	696.1	700.1	704.1	708.1	712.1
125°	731.0	733.6	736.2	738.8	741.4	742.7	744.6	748.4	752.2	756.0	759.8
127.5°	777.7	780.5	783.3	786.1	788.9	790.3	791.8	794.8	797.8	800.8	803.8
130°	821.8	825.0	828.2	831.4	834.6	836.2	837.3	839.5	841.7	843.9	846.1
132.5°	866.8	869.4	872.0	874.5	877.1	878.4	879.5	881.7	883.9	886.1	888.3
135°	904.5	907.7	910.9	914.1	917.3	918.9	919.8	921.6	923.4	925.2	927.0
137.5°	944.1	946.5	948.9	951.3	953.7	954.9	955.9	957.9	959.9	961.9	963.9
140°	982.7	984.3	985.9	987.5	989.1	989.9	991.0	993.2	995.4	997.6	999.8
142.5°	1015.1	1016.5	1017.9	1019.3	1020.7	1021.4	1022.7	1025.3	1027.9	1030.5	1033.1
145°	1049.3	1049.1	1048.9	1048.7	1048.5	1048.4	1050.1	1053.5	1056.9	1060.3	1063.7
147.5°	1078.9	1078.3	1077.7	1077.1	1076.5	1076.2	1077.9	1081.3	1084.7	1088.1	1091.5
150°	1107.7	1106.3	1104.9	1103.5	1102.1	1101.4	1103.0	1106.2	1109.4	1112.6	1115.8
152.5°	1132.0	1130.4	1128.8	1127.2	1125.6	1124.8	1126.3	1129.3	1132.3	1135.3	1138.3
155°	1155.4	1153.6	1151.8	1150.0	1148.2	1147.3	1148.5	1150.9	1153.3	1155.7	1158.1
157.5°	1174.2	1172.6	1171.0	1169.5	1167.9	1167.1	1168.0	1169.8	1171.5	1173.3	1175.1
160°	1190.4	1189.2	1188.0	1186.8	1185.6	1185.0	1185.6	1186.8	1188.0	1189.2	1190.4
162.5°	1204.8	1203.6	1202.4	1201.2	1200.0	1199.4	1199.9	1200.9	1201.9	1202.9	1203.9
165°	1217.4	1216.2	1215.0	1213.8	1212.6	1212.0	1212.3	1212.9	1213.5	1214.1	1214.7
167.5°	1227.3	1226.1	1224.9	1223.7	1222.5	1221.9	1222.2	1222.8	1223.4	1224.0	1224.6
170°	1235.4	1234.2	1233.0	1231.8	1230.6	1230.0	1230.2	1230.6	1231.0	1231.4	1231.8
172.5°	1240.8	1239.6	1238.4	1237.2	1236.0	1235.4	1235.6	1236.0	1236.4	1236.8	1237.2
175°	1245.3	1243.9	1242.5	1241.1	1239.7	1239.0	1239.2	1239.6	1240.0	1240.4	1240.8
177.5°	1247.1	1245.7	1244.3	1242.9	1241.5	1240.8	1240.9	1241.1	1241.3	1241.5	1241.7
180°	1242.6	1242.6	1242.6	1242.6	1242.6	1242.6	1242.6	1242.6	1242.6	1242.6	1242.6

TEST NUMBER: P999832

CATALOG NUMBER: SA2XXRDIP-B485D925UB2750-4F0-XX-W2A-A_4000K

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	1064.2	1064.2	1064.2	1064.2	1064.2	1064.2	1064.2	1064.2	1064.2	1064.2	1064.2
2.5°	1101.9	1103.4	1105.6	1115.9	1117.4	1120.4	1118.9	1118.9	1119.6	1118.1	1118.9
5°	1149.2	1151.4	1162.5	1175.1	1178.0	1175.1	1178.8	1184.0	1184.0	1184.0	1182.5
7.5°	1193.6	1201.7	1214.3	1232.8	1236.5	1240.2	1246.8	1242.4	1243.9	1250.5	1248.3
10°	1236.5	1248.3	1262.3	1277.9	1286.0	1291.2	1294.1	1300.8	1316.3	1298.6	1305.2
12.5°	1277.1	1294.1	1308.9	1325.9	1331.9	1338.5	1340.7	1346.7	1346.7	1345.9	1351.1
15°	1303.8	1319.3	1332.6	1343.7	1345.2	1343.7	1342.2	1343.0	1345.2	1336.3	1341.5
17.5°	1309.7	1311.2	1315.6	1311.2	1311.9	1296.4	1287.5	1285.3	1264.6	1265.3	1282.3
20°	1280.8	1255.7	1249.0	1224.6	1209.8	1169.9	1168.4	1157.3	1113.7	1127.0	1124.1
22.5°	1201.7	1158.8	1101.9	1073.8	1059.7	1017.6	985.0	962.1	946.6	931.0	924.4
25°	1097.4	1027.9	947.3	891.9	883.7	844.5	784.6	756.5	723.2	712.9	730.6
27.5°	962.8	872.6	781.7	696.6	681.1	645.6	615.3	595.3	556.9	554.6	556.1
30°	780.2	689.2	613.1	557.6	519.1	502.9	482.9	468.1	452.6	458.5	460.0
32.5°	641.2	554.6	483.6	454.1	436.3	426.0	409.0	399.3	392.7	390.5	389.7
35°	509.5	451.8	420.0	391.2	380.8	373.5	360.9	356.4	350.5	351.3	351.3
37.5°	436.3	388.2	364.6	349.8	340.2	336.5	328.3	323.9	320.2	318.7	320.9
40°	376.4	343.1	328.3	315.0	306.9	305.4	301.0	295.8	291.4	292.1	294.3
42.5°	332.8	313.6	295.8	285.5	279.5	277.3	273.6	269.9	269.9	267.7	267.0
45°	298.0	282.5	267.7	258.1	254.4	251.4	247.0	246.3	243.3	244.0	244.8
47.5°	267.0	254.4	243.3	233.7	230.0	229.2	224.8	221.9	221.9	221.1	220.4
50°	238.9	226.3	216.7	211.5	206.3	204.8	204.1	203.4	201.9	201.9	202.6
52.5°	215.9	203.4	196.0	191.5	188.6	187.1	187.1	186.4	186.4	186.4	185.6
55°	190.8	180.4	174.5	173.0	171.6	170.8	170.1	168.6	167.9	169.3	167.9
57.5°	167.1	163.4	158.3	156.8	153.1	153.1	150.9	149.4	147.9	149.4	149.4
60°	148.6	143.5	140.5	136.1	133.1	130.2	126.5	125.7	124.2	123.5	122.8
62.5°	129.4	125.0	117.6	110.9	106.5	103.5	102.1	101.3	101.3	100.6	100.6
65°	108.0	97.6	93.9	91.7	91.0	90.2	88.7	88.0	88.7	88.0	88.7
67.5°	84.3	82.8	80.6	79.1	78.4	77.6	77.6	76.9	76.9	76.9	76.9
70°	73.2	69.5	68.8	67.3	67.3	66.6	66.6	66.6	66.6	65.8	67.3
72.5°	60.6	58.4	57.7	56.9	56.9	56.9	56.2	56.2	56.2	55.5	56.2
75°	49.5	48.8	47.3	47.3	46.6	47.3	46.6	46.6	45.8	46.6	46.6
77.5°	39.9	39.2	38.5	38.5	37.7	37.7	37.7	37.7	37.7	37.7	38.5
80°	30.3	29.6	28.8	29.6	28.8	29.6	28.8	28.8	29.6	28.8	28.8
82.5°	22.2	21.4	21.4	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7
85°	13.3	12.6	12.6	13.3	12.6	13.3	12.6	12.6	12.6	13.3	13.3
87.5°	5.9	6.7	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	6.7
90°	19.0	20.0	21.0	22.0	22.5	22.7	23.1	23.5	23.9	24.3	23.9
92.5°	22.0	22.4	22.8	23.2	23.4	23.5	23.7	23.9	24.1	24.3	24.1
95°	36.1	37.1	38.1	39.1	39.6	39.5	39.3	39.1	38.9	38.7	38.9
97.5°	46.5	47.1	47.7	48.3	48.6	48.7	48.9	49.1	49.3	49.5	49.3
100°	52.8	54.4	56.0	57.6	58.4	58.6	59.0	59.4	59.8	60.2	59.8
102.5°	55.2	57.4	59.6	61.8	62.9	63.2	63.8	64.4	65.0	65.6	65.0
105°	57.0	59.2	61.4	63.6	64.7	65.1	65.9	66.7	67.5	68.3	67.5
107.5°	58.8	61.0	63.2	65.4	66.5	66.9	67.7	68.5	69.3	70.1	69.3
110°	137.3	117.3	97.4	77.4	67.4	67.8	68.6	69.4	70.2	71.0	70.2

TEST NUMBER: P999832

CATALOG NUMBER: SA2XXRDIP-B485D925UB2750-4F0-XX-W2A-A_4000K

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	370.7	284.5	198.4	112.3	69.2	69.5	70.1	70.7	71.3	71.9	71.3
115°	462.3	369.8	277.3	184.8	138.5	131.3	116.9	102.5	88.1	73.7	88.1
117.5°	574.7	546.1	517.6	489.0	474.7	448.5	396.2	343.9	291.5	239.2	291.5
120°	661.5	663.9	666.2	668.6	669.8	656.3	629.4	602.4	575.5	548.5	575.5
122.5°	713.3	714.5	715.7	716.9	717.5	717.6	717.8	718.0	718.2	718.4	718.2
125°	761.2	762.6	763.9	765.3	766.0	766.3	766.9	767.5	768.1	768.7	768.1
127.5°	805.8	807.8	809.8	811.8	812.8	812.9	813.1	813.3	813.5	813.7	813.5
130°	848.3	850.5	852.7	854.9	856.0	855.9	855.7	855.5	855.3	855.1	855.3
132.5°	890.1	891.9	893.7	895.5	896.4	896.3	896.1	895.9	895.7	895.5	895.7
135°	929.0	931.0	933.0	935.0	936.0	935.8	935.4	935.0	934.6	934.2	934.6
137.5°	965.9	967.9	969.8	971.8	972.8	972.5	971.9	971.3	970.7	970.1	970.7
140°	1001.6	1003.4	1005.2	1007.0	1007.9	1007.4	1006.4	1005.4	1004.4	1003.4	1004.4
142.5°	1034.7	1036.3	1037.9	1039.5	1040.3	1039.8	1038.8	1037.8	1036.8	1035.8	1036.8
145°	1065.1	1066.5	1067.9	1069.3	1070.0	1069.5	1068.5	1067.5	1066.5	1065.5	1066.5
147.5°	1092.5	1093.5	1094.5	1095.5	1096.0	1095.6	1094.8	1094.0	1093.2	1092.4	1093.2
150°	1117.0	1118.2	1119.4	1120.6	1121.2	1120.7	1119.7	1118.7	1117.7	1116.7	1117.7
152.5°	1139.5	1140.7	1141.9	1143.1	1143.7	1143.0	1141.6	1140.2	1138.8	1137.4	1138.8
155°	1159.3	1160.5	1161.7	1162.9	1163.5	1162.7	1161.1	1159.5	1157.9	1156.3	1157.9
157.5°	1176.5	1177.9	1179.3	1180.7	1181.4	1180.6	1179.0	1177.4	1175.8	1174.2	1175.8
160°	1191.6	1192.8	1194.0	1195.2	1195.8	1195.1	1193.7	1192.3	1190.9	1189.5	1190.9
162.5°	1205.3	1206.7	1208.1	1209.5	1210.2	1209.3	1207.5	1205.7	1203.9	1202.1	1203.9
165°	1216.1	1217.5	1218.9	1220.3	1221.0	1220.3	1218.9	1217.5	1216.1	1214.7	1216.1
167.5°	1226.0	1227.4	1228.8	1230.2	1230.9	1230.0	1228.2	1226.4	1224.6	1222.8	1224.6
170°	1233.2	1234.6	1236.0	1237.4	1238.1	1237.2	1235.4	1233.6	1231.8	1230.0	1231.8
172.5°	1238.6	1240.0	1241.4	1242.8	1243.5	1242.6	1240.8	1239.0	1237.2	1235.4	1237.2
175°	1242.2	1243.6	1245.0	1246.4	1247.1	1246.1	1244.1	1242.1	1240.1	1238.1	1240.1
177.5°	1243.1	1244.5	1245.9	1247.3	1248.0	1247.1	1245.3	1243.5	1241.7	1239.9	1241.7
180°	1242.6	1242.6	1242.6	1242.6	1242.6	1242.6	1242.6	1242.6	1242.6	1242.6	1242.6

TEST NUMBER: P999832

CATALOG NUMBER: SA2XXRDIP-B485D925UB2750-4F0-XX-W2A-A_4000K

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	1064.2	1064.2	1064.2	1064.2	1064.2	1064.2	1064.2	1064.2	1064.2	1064.2	1064.2
2.5°	1121.8	1116.7	1115.2	1116.7	1115.2	1115.9	1110.7	1091.5	1096.7	1088.6	1093.0
5°	1185.4	1181.0	1171.4	1169.9	1168.4	1167.0	1159.6	1142.5	1135.9	1124.8	1124.1
7.5°	1246.1	1246.1	1238.7	1233.5	1226.9	1221.7	1212.1	1186.9	1176.6	1163.3	1155.9
10°	1306.0	1286.8	1294.9	1289.7	1273.4	1270.5	1252.7	1237.9	1218.0	1204.7	1192.8
12.5°	1348.9	1343.0	1335.6	1331.1	1326.7	1317.1	1305.2	1267.5	1257.2	1230.6	1217.2
15°	1347.4	1343.7	1345.9	1345.9	1344.4	1342.2	1332.6	1305.2	1287.5	1261.6	1238.7
17.5°	1274.9	1284.5	1294.1	1300.8	1315.6	1322.2	1331.1	1314.9	1303.8	1281.6	1257.2
20°	1148.5	1172.1	1200.2	1206.1	1219.5	1258.7	1276.4	1290.5	1294.9	1287.5	1267.5
22.5°	972.5	992.4	1060.5	1059.0	1078.2	1124.8	1176.6	1218.7	1252.0	1270.5	1263.1
25°	761.7	789.8	826.0	853.4	916.3	985.8	1050.1	1117.4	1175.1	1226.1	1238.7
27.5°	576.1	613.1	641.9	678.1	709.9	792.0	874.8	979.9	1047.2	1144.0	1194.3
30°	465.9	482.9	511.7	528.8	544.3	607.1	701.1	804.6	922.9	1034.6	1121.1
32.5°	397.9	409.7	431.1	438.5	454.8	497.0	556.1	650.8	772.8	908.1	1022.0
35°	357.2	369.8	374.2	380.8	394.2	420.8	461.5	530.2	640.4	772.8	908.9
37.5°	322.4	329.1	341.7	346.1	350.5	370.5	397.9	445.9	519.1	627.8	778.7
40°	298.0	301.7	308.4	312.1	315.0	329.1	353.5	386.0	440.0	522.8	661.9
42.5°	272.1	276.6	281.0	285.5	289.1	300.2	315.0	346.1	382.3	445.2	545.8
45°	247.0	250.0	255.1	258.1	263.3	272.1	285.5	306.9	339.4	379.4	460.7
47.5°	224.1	227.8	230.0	233.7	237.4	247.0	259.6	273.6	300.2	339.4	398.6
50°	203.4	207.8	210.8	211.5	214.5	223.3	233.7	249.2	266.2	296.5	348.3
52.5°	188.6	189.3	191.5	194.5	193.8	198.9	208.5	220.4	238.1	262.5	300.2
55°	171.6	173.8	175.3	176.0	176.0	180.4	185.6	196.7	210.8	230.7	262.5
57.5°	150.1	152.3	156.8	158.3	160.5	162.7	164.9	172.3	184.1	203.4	229.2
60°	127.9	129.4	133.9	136.8	138.3	144.2	147.2	153.1	159.7	173.8	198.2
62.5°	102.8	104.3	106.5	109.4	112.4	121.3	128.7	134.6	139.8	149.4	169.3
65°	89.5	90.2	91.7	92.4	93.2	96.9	103.5	111.7	121.3	128.7	140.5
67.5°	77.6	78.4	79.1	80.6	81.3	82.1	85.0	87.3	96.9	107.2	116.1
70°	66.6	68.0	68.8	68.8	69.5	71.0	72.5	75.4	78.4	83.6	94.7
72.5°	56.2	56.9	58.4	58.4	58.4	59.9	61.4	62.9	64.3	67.3	71.7
75°	46.6	48.1	48.1	48.1	48.8	48.8	50.3	51.8	53.2	55.5	56.9
77.5°	38.5	38.5	38.5	38.5	39.2	39.2	39.9	41.4	42.2	42.9	44.4
80°	28.8	29.6	29.6	29.6	30.3	30.3	30.3	31.8	32.5	32.5	34.0
82.5°	21.4	21.4	21.4	22.2	21.4	22.2	22.2	22.9	22.2	22.9	23.7
85°	13.3	13.3	13.3	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.8
87.5°	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	7.4	6.7	6.7
90°	23.5	23.1	22.7	22.5	22.0	21.0	20.0	19.0	18.0	16.4	14.8
92.5°	23.9	23.7	23.5	23.4	23.2	22.8	22.4	22.0	21.6	21.0	20.4
95°	39.1	39.3	39.5	39.6	39.1	38.1	37.1	36.1	35.1	33.7	32.3
97.5°	49.1	48.9	48.7	48.6	48.3	47.7	47.1	46.5	45.9	42.7	39.5
100°	59.4	59.0	58.6	58.4	57.6	56.0	54.4	52.8	51.2	47.8	44.4
102.5°	64.4	63.8	63.2	62.9	61.8	59.6	57.4	55.2	53.0	49.4	45.8
105°	66.7	65.9	65.1	64.7	63.6	61.4	59.2	57.0	54.8	50.4	46.9
107.5°	68.5	67.7	66.9	66.5	65.4	63.2	61.0	58.8	56.6	52.9	49.3
110°	69.4	68.6	67.8	67.4	77.4	97.4	117.3	137.3	157.3	215.1	272.8

TEST NUMBER: P999832

CATALOG NUMBER: SA2XXRDIP-B485D925UB2750-4F0-XX-W2A-A_4000K

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	70.7	70.1	69.5	69.2	112.3	198.4	284.5	370.7	456.8	460.2	463.6
115°	102.5	116.9	131.3	138.5	184.8	277.3	369.8	462.3	554.8	549.8	544.8
117.5°	343.9	396.2	448.5	474.7	489.0	517.6	546.1	574.7	603.3	599.9	596.5
120°	602.4	629.4	656.3	669.8	668.6	666.2	663.9	661.5	659.1	655.5	651.9
122.5°	718.0	717.8	717.6	717.5	716.9	715.7	714.5	713.3	712.1	708.1	704.1
125°	767.5	766.9	766.3	766.0	765.3	763.9	762.6	761.2	759.8	756.0	752.2
127.5°	813.3	813.1	812.9	812.8	811.8	809.8	807.8	805.8	803.8	800.8	797.8
130°	855.5	855.7	855.9	856.0	854.9	852.7	850.5	848.3	846.1	843.9	841.7
132.5°	895.9	896.1	896.3	896.4	895.5	893.7	891.9	890.1	888.3	886.1	883.9
135°	935.0	935.4	935.8	936.0	935.0	933.0	931.0	929.0	927.0	925.2	923.4
137.5°	971.3	971.9	972.5	972.8	971.8	969.8	967.9	965.9	963.9	961.9	959.9
140°	1005.4	1006.4	1007.4	1007.9	1007.0	1005.2	1003.4	1001.6	999.8	997.6	995.4
142.5°	1037.8	1038.8	1039.8	1040.3	1039.5	1037.9	1036.3	1034.7	1033.1	1030.5	1027.9
145°	1067.5	1068.5	1069.5	1070.0	1069.3	1067.9	1066.5	1065.1	1063.7	1060.3	1056.9
147.5°	1094.0	1094.8	1095.6	1096.0	1095.5	1094.5	1093.5	1092.5	1091.5	1088.1	1084.7
150°	1118.7	1119.7	1120.7	1121.2	1120.6	1119.4	1118.2	1117.0	1115.8	1112.6	1109.4
152.5°	1140.2	1141.6	1143.0	1143.7	1143.1	1141.9	1140.7	1139.5	1138.3	1135.3	1132.3
155°	1159.5	1161.1	1162.7	1163.5	1162.9	1161.7	1160.5	1159.3	1158.1	1155.7	1153.3
157.5°	1177.4	1179.0	1180.6	1181.4	1180.7	1179.3	1177.9	1176.5	1175.1	1173.3	1171.5
160°	1192.3	1193.7	1195.1	1195.8	1195.2	1194.0	1192.8	1191.6	1190.4	1189.2	1188.0
162.5°	1205.7	1207.5	1209.3	1210.2	1209.5	1208.1	1206.7	1205.3	1203.9	1202.9	1201.9
165°	1217.5	1218.9	1220.3	1221.0	1220.3	1218.9	1217.5	1216.1	1214.7	1214.1	1213.5
167.5°	1226.4	1228.2	1230.0	1230.9	1230.2	1228.8	1227.4	1226.0	1224.6	1224.0	1223.4
170°	1233.6	1235.4	1237.2	1238.1	1237.4	1236.0	1234.6	1233.2	1231.8	1231.4	1231.0
172.5°	1239.0	1240.8	1242.6	1243.5	1242.8	1241.4	1240.0	1238.6	1237.2	1236.8	1236.4
175°	1242.1	1244.1	1246.1	1247.1	1246.4	1245.0	1243.6	1242.2	1240.8	1240.4	1240.0
177.5°	1243.5	1245.3	1247.1	1248.0	1247.3	1245.9	1244.5	1243.1	1241.7	1241.5	1241.3
180°	1242.6	1242.6	1242.6	1242.6	1242.6	1242.6	1242.6	1242.6	1242.6	1242.6	1242.6

TEST NUMBER: P999832

CATALOG NUMBER: SA2XXRDIP-B485D925UB2750-4F0-XX-W2A-A_4000K

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
0°	1064.2	1064.2	1064.2	1064.2	1064.2	1064.2	1064.2	1064.2	1064.2	1064.2	1064.2
2.5°	1086.3	1082.6	1082.6	1080.4	1080.4	1068.6	1068.6	1072.3	1067.9	1062.7	1055.3
5°	1114.4	1106.3	1104.1	1101.1	1091.5	1076.7	1070.8	1068.6	1059.7	1048.6	1036.1
7.5°	1141.1	1127.8	1121.1	1114.4	1101.9	1081.2	1069.3	1061.2	1047.9	1030.9	1014.6
10°	1167.0	1149.9	1132.9	1124.8	1107.1	1081.2	1064.2	1050.8	1031.6	1008.7	985.8
12.5°	1190.6	1155.1	1152.2	1135.9	1110.0	1080.4	1054.5	1035.3	1010.9	984.3	957.7
15°	1211.3	1175.1	1157.3	1142.5	1108.5	1071.6	1044.2	1020.5	988.0	957.7	925.1
17.5°	1221.7	1182.5	1170.6	1146.2	1111.5	1063.4	1026.4	997.6	962.1	925.9	888.9
20°	1232.0	1186.2	1167.0	1149.9	1102.6	1047.9	1006.5	973.2	934.0	891.1	850.4
22.5°	1237.2	1186.2	1163.3	1139.6	1093.7	1030.9	982.1	942.9	897.0	853.4	804.6
25°	1228.3	1181.7	1154.4	1130.0	1078.2	1010.2	954.0	909.6	860.8	811.2	761.7
27.5°	1206.1	1171.4	1139.6	1114.4	1056.8	983.6	924.4	874.1	823.8	768.4	718.1
30°	1164.7	1149.2	1124.1	1096.0	1033.1	959.9	889.6	837.9	782.4	726.9	674.4
32.5°	1100.4	1113.7	1097.4	1073.0	1005.0	927.3	852.7	800.2	739.5	679.6	631.5
35°	1022.0	1069.3	1060.5	1043.5	975.4	892.6	817.9	754.3	693.7	633.0	585.0
37.5°	936.2	1008.0	1015.4	1005.0	941.4	857.1	775.0	712.9	650.8	589.4	540.6
40°	818.6	928.8	952.5	956.9	905.9	814.2	728.4	667.8	606.4	546.5	487.3
42.5°	710.7	849.7	879.3	897.8	860.8	772.1	685.5	618.2	557.6	503.6	444.4
45°	609.4	754.3	802.4	826.0	809.8	724.0	634.5	571.6	516.2	466.6	409.7
47.5°	505.1	650.8	718.1	755.8	755.8	675.2	585.7	523.6	470.3	428.2	377.9
50°	435.6	556.9	626.4	675.9	689.2	625.6	541.3	480.7	430.4	384.5	346.1
52.5°	371.2	479.9	537.6	589.4	627.8	572.4	491.8	437.1	387.5	344.6	314.3
55°	320.9	402.3	454.8	511.7	554.6	518.4	443.7	390.5	347.6	312.1	286.2
57.5°	272.9	343.9	386.8	437.1	482.9	455.5	395.6	349.8	312.1	281.0	258.1
60°	232.2	289.9	323.2	362.4	419.3	400.1	350.5	308.4	278.1	250.0	230.7
62.5°	197.5	243.3	271.4	299.5	351.3	342.4	303.9	271.4	245.5	221.9	205.6
65°	162.0	199.7	221.9	246.3	287.7	291.4	260.3	237.4	213.7	193.0	178.2
67.5°	130.9	160.5	180.4	201.1	234.4	244.8	223.3	204.1	184.1	167.1	153.8
70°	105.8	126.5	141.2	157.5	184.9	197.5	186.4	173.0	156.8	142.7	130.9
72.5°	83.6	96.9	105.8	118.3	140.5	153.1	152.3	140.5	128.7	119.1	109.4
75°	61.4	71.7	79.1	87.3	105.0	116.8	119.8	114.6	102.8	95.4	88.0
77.5°	46.6	52.5	56.2	62.1	74.7	85.0	89.5	88.0	79.9	74.0	68.8
80°	35.5	37.0	38.5	40.7	51.0	60.6	63.6	62.9	58.4	56.2	50.3
82.5°	25.1	25.9	26.6	27.4	31.1	39.2	42.2	43.6	39.9	37.7	32.5
85°	14.8	15.5	15.5	17.0	17.7	20.0	25.1	25.1	24.4	21.4	20.7
87.5°	7.4	7.4	6.7	6.7	7.4	8.1	9.6	11.1	9.6	8.9	8.1
90°	13.2	11.6	10.8	9.7	7.5	5.3	3.1	0.9	3.1	5.3	7.5
92.5°	19.8	19.2	18.9	19.3	20.1	20.9	21.7	22.5	21.7	20.9	20.1
95°	30.9	29.5	28.8	32.1	38.7	45.2	51.8	58.4	51.8	45.2	38.7
97.5°	36.3	33.1	31.5	39.7	56.1	72.4	88.8	105.2	88.8	72.4	56.1
100°	41.1	37.7	36.0	49.7	77.0	104.4	131.7	159.1	131.7	104.4	77.0
102.5°	162.1	198.5	216.7	216.9	217.3	217.7	218.1	218.5	218.1	217.7	217.3
105°	218.5	273.0	300.3	297.3	291.3	285.3	279.3	273.3	279.3	285.3	291.3
107.5°	258.6	325.9	359.6	357.1	352.1	347.2	342.2	337.2	342.2	347.2	352.1
110°	330.6	388.3	417.2	415.1	410.9	406.7	402.5	398.3	402.5	406.7	410.9

TEST NUMBER: P999832

CATALOG NUMBER: SA2XXRDIP-B485D925UB2750-4F0-XX-W2A-A_4000K

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
112.5°	466.9	470.3	472.0	470.2	466.6	463.1	459.5	455.9	459.5	463.1	466.6
115°	539.8	534.8	532.3	530.6	527.2	523.8	520.4	517.0	520.4	523.8	527.2
117.5°	593.1	589.7	588.0	586.0	582.0	578.0	574.0	570.0	574.0	578.0	582.0
120°	648.3	644.7	642.9	641.4	638.4	635.4	632.4	629.4	632.4	635.4	638.4
122.5°	700.1	696.1	694.1	692.5	689.3	686.1	682.9	679.7	682.9	686.1	689.3
125°	748.4	744.6	742.7	741.4	738.8	736.2	733.6	731.0	733.6	736.2	738.8
127.5°	794.8	791.8	790.3	788.9	786.1	783.3	780.5	777.7	780.5	783.3	786.1
130°	839.5	837.3	836.2	834.6	831.4	828.2	825.0	821.8	825.0	828.2	831.4
132.5°	881.7	879.5	878.4	877.1	874.5	872.0	869.4	866.8	869.4	872.0	874.5
135°	921.6	919.8	918.9	917.3	914.1	910.9	907.7	904.5	907.7	910.9	914.1
137.5°	957.9	955.9	954.9	953.7	951.3	948.9	946.5	944.1	946.5	948.9	951.3
140°	993.2	991.0	989.9	989.1	987.5	985.9	984.3	982.7	984.3	985.9	987.5
142.5°	1025.3	1022.7	1021.4	1020.7	1019.3	1017.9	1016.5	1015.1	1016.5	1017.9	1019.3
145°	1053.5	1050.1	1048.4	1048.5	1048.7	1048.9	1049.1	1049.3	1049.1	1048.9	1048.7
147.5°	1081.3	1077.9	1076.2	1076.5	1077.1	1077.7	1078.3	1078.9	1078.3	1077.7	1077.1
150°	1106.2	1103.0	1101.4	1102.1	1103.5	1104.9	1106.3	1107.7	1106.3	1104.9	1103.5
152.5°	1129.3	1126.3	1124.8	1125.6	1127.2	1128.8	1130.4	1132.0	1130.4	1128.8	1127.2
155°	1150.9	1148.5	1147.3	1148.2	1150.0	1151.8	1153.6	1155.4	1153.6	1151.8	1150.0
157.5°	1169.8	1168.0	1167.1	1167.9	1169.5	1171.0	1172.6	1174.2	1172.6	1171.0	1169.5
160°	1186.8	1185.6	1185.0	1185.6	1186.8	1188.0	1189.2	1190.4	1189.2	1188.0	1186.8
162.5°	1200.9	1199.9	1199.4	1200.0	1201.2	1202.4	1203.6	1204.8	1203.6	1202.4	1201.2
165°	1212.9	1212.3	1212.0	1212.6	1213.8	1215.0	1216.2	1217.4	1216.2	1215.0	1213.8
167.5°	1222.8	1222.2	1221.9	1222.5	1223.7	1224.9	1226.1	1227.3	1226.1	1224.9	1223.7
170°	1230.6	1230.2	1230.0	1230.6	1231.8	1233.0	1234.2	1235.4	1234.2	1233.0	1231.8
172.5°	1236.0	1235.6	1235.4	1236.0	1237.2	1238.4	1239.6	1240.8	1239.6	1238.4	1237.2
175°	1239.6	1239.2	1239.0	1239.7	1241.1	1242.5	1243.9	1245.3	1243.9	1242.5	1241.1
177.5°	1241.1	1240.9	1240.8	1241.5	1242.9	1244.3	1245.7	1247.1	1245.7	1244.3	1242.9
180°	1242.6	1242.6	1242.6	1242.6	1242.6	1242.6	1242.6	1242.6	1242.6	1242.6	1242.6

TEST NUMBER: P999832

CATALOG NUMBER: SA2XXRDIP-B485D925UB2750-4F0-XX-W2A-A_4000K

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
0°	1064.2	1064.2	1064.2	1064.2	1064.2	1064.2	1064.2	1064.2	1064.2	1064.2	1064.2
2.5°	1052.3	1053.1	1055.3	1048.6	1038.3	1033.8	1020.5	1018.3	1016.1	1016.1	1018.3
5°	1028.7	1025.7	1026.4	1013.9	999.1	990.2	971.7	974.7	965.1	959.1	960.6
7.5°	1002.8	994.6	993.9	977.6	959.1	942.9	923.7	919.2	910.3	900.0	895.6
10°	970.2	964.3	953.2	934.7	911.1	897.8	871.9	856.4	854.1	838.6	832.7
12.5°	937.0	926.6	915.5	889.6	863.0	841.6	822.3	805.3	793.5	780.2	771.3
15°	898.5	885.9	873.4	846.0	814.9	793.5	764.7	739.5	704.8	677.4	661.9
17.5°	856.4	842.3	825.3	795.0	764.7	735.1	681.8	652.3	627.8	611.6	602.0
20°	812.7	797.2	780.2	749.9	697.4	645.6	616.0	593.1	578.3	562.0	550.2
22.5°	766.9	750.6	732.1	684.8	629.3	593.1	570.2	548.7	527.3	518.4	512.5
25°	724.0	709.2	685.5	621.2	577.6	544.3	518.4	504.3	493.3	481.4	470.3
27.5°	679.6	652.3	619.0	565.0	537.6	503.6	485.1	474.8	455.5	447.4	442.2
30°	626.4	596.0	564.2	525.8	494.0	470.3	453.3	436.3	425.2	417.1	408.2
32.5°	572.4	543.5	523.6	483.6	460.0	435.6	419.3	409.0	392.7	387.5	383.8
35°	525.8	501.4	483.6	451.1	428.9	406.7	394.9	379.4	369.0	359.4	353.5
37.5°	479.9	466.6	448.1	420.8	397.1	379.4	363.1	357.9	343.9	338.7	332.8
40°	448.1	428.2	412.6	389.0	369.0	349.8	339.4	327.6	318.0	309.9	307.6
42.5°	409.7	394.9	386.0	360.1	339.4	328.3	315.8	302.5	295.1	288.4	280.3
45°	380.8	367.5	355.0	334.3	315.8	301.7	290.6	281.8	269.2	266.2	253.7
47.5°	350.5	337.2	327.6	306.9	289.9	276.6	268.4	256.6	246.3	239.6	233.7
50°	320.2	309.1	300.2	282.5	267.7	253.7	242.6	230.7	226.3	215.2	211.5
52.5°	291.4	284.0	274.4	257.4	242.6	230.7	218.9	209.3	202.6	196.7	192.3
55°	267.0	255.1	250.7	232.2	219.6	207.1	196.7	190.8	182.7	179.0	175.3
57.5°	239.6	232.9	225.6	211.5	197.5	185.6	178.2	169.3	164.9	160.5	157.5
60°	215.9	206.3	200.4	188.6	176.0	164.9	158.3	151.6	145.7	142.0	136.1
62.5°	188.6	181.2	177.5	164.9	154.6	144.2	138.3	131.6	127.2	120.5	113.1
65°	164.9	159.0	154.6	144.2	134.6	125.0	119.1	110.9	105.0	101.3	100.6
67.5°	144.2	139.8	133.1	123.5	113.9	106.5	99.8	93.2	92.4	91.0	91.0
70°	121.3	116.8	113.1	102.8	94.7	86.5	85.0	82.8	80.6	79.9	78.4
72.5°	101.3	97.6	93.2	84.3	76.2	74.0	72.5	71.0	68.8	68.0	67.3
75°	82.1	76.9	74.0	65.8	63.6	62.1	60.6	58.4	56.9	56.2	54.7
77.5°	62.9	57.7	57.7	53.2	51.8	49.5	48.1	46.6	45.8	44.4	44.4
80°	44.4	44.4	42.9	40.7	38.5	37.7	35.5	34.8	34.0	34.8	33.3
82.5°	32.5	29.6	29.6	28.1	26.6	25.9	24.4	24.4	23.7	23.7	23.7
85°	18.5	18.5	17.7	16.3	15.5	15.5	14.8	14.8	14.1	14.1	13.3
87.5°	7.4	6.7	7.4	6.7	6.7	5.9	5.9	5.9	5.2	5.9	5.2
90°	9.7	10.8	11.6	13.2	14.8	16.4	18.0	19.0	20.0	21.0	22.0
92.5°	19.3	18.9	19.2	19.8	20.4	21.0	21.6	22.0	22.4	22.8	23.2
95°	32.1	28.8	29.5	30.9	32.3	33.7	35.1	36.1	37.1	38.1	39.1
97.5°	39.7	31.5	33.1	36.3	39.5	42.7	45.9	46.5	47.1	47.7	48.3
100°	49.7	36.0	37.7	41.1	44.4	47.8	51.2	52.8	54.4	56.0	57.6
102.5°	216.9	216.7	198.5	162.1	125.8	89.4	53.0	55.2	57.4	59.6	61.8
105°	297.3	300.3	273.0	218.5	163.9	109.4	54.8	57.0	59.2	61.4	63.6
107.5°	357.1	359.6	325.9	258.6	191.3	123.9	56.6	58.8	61.0	63.2	65.4
110°	415.1	417.2	388.3	330.6	272.8	215.1	157.3	137.3	117.3	97.4	77.4

TEST NUMBER: P999832

CATALOG NUMBER: SA2XXRDIP-B485D925UB2750-4F0-XX-W2A-A_4000K

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
112.5°	470.2	472.0	470.3	466.9	463.6	460.2	456.8	370.7	284.5	198.4	112.3
115°	530.6	532.3	534.8	539.8	544.8	549.8	554.8	462.3	369.8	277.3	184.8
117.5°	586.0	588.0	589.7	593.1	596.5	599.9	603.3	574.7	546.1	517.6	489.0
120°	641.4	642.9	644.7	648.3	651.9	655.5	659.1	661.5	663.9	666.2	668.6
122.5°	692.5	694.1	696.1	700.1	704.1	708.1	712.1	713.3	714.5	715.7	716.9
125°	741.4	742.7	744.6	748.4	752.2	756.0	759.8	761.2	762.6	763.9	765.3
127.5°	788.9	790.3	791.8	794.8	797.8	800.8	803.8	805.8	807.8	809.8	811.8
130°	834.6	836.2	837.3	839.5	841.7	843.9	846.1	848.3	850.5	852.7	854.9
132.5°	877.1	878.4	879.5	881.7	883.9	886.1	888.3	890.1	891.9	893.7	895.5
135°	917.3	918.9	919.8	921.6	923.4	925.2	927.0	929.0	931.0	933.0	935.0
137.5°	953.7	954.9	955.9	957.9	959.9	961.9	963.9	965.9	967.9	969.8	971.8
140°	989.1	989.9	991.0	993.2	995.4	997.6	999.8	1001.6	1003.4	1005.2	1007.0
142.5°	1020.7	1021.4	1022.7	1025.3	1027.9	1030.5	1033.1	1034.7	1036.3	1037.9	1039.5
145°	1048.5	1048.4	1050.1	1053.5	1056.9	1060.3	1063.7	1065.1	1066.5	1067.9	1069.3
147.5°	1076.5	1076.2	1077.9	1081.3	1084.7	1088.1	1091.5	1092.5	1093.5	1094.5	1095.5
150°	1102.1	1101.4	1103.0	1106.2	1109.4	1112.6	1115.8	1117.0	1118.2	1119.4	1120.6
152.5°	1125.6	1124.8	1126.3	1129.3	1132.3	1135.3	1138.3	1139.5	1140.7	1141.9	1143.1
155°	1148.2	1147.3	1148.5	1150.9	1153.3	1155.7	1158.1	1159.3	1160.5	1161.7	1162.9
157.5°	1167.9	1167.1	1168.0	1169.8	1171.5	1173.3	1175.1	1176.5	1177.9	1179.3	1180.7
160°	1185.6	1185.0	1185.6	1186.8	1188.0	1189.2	1190.4	1191.6	1192.8	1194.0	1195.2
162.5°	1200.0	1199.4	1199.9	1200.9	1201.9	1202.9	1203.9	1205.3	1206.7	1208.1	1209.5
165°	1212.6	1212.0	1212.3	1212.9	1213.5	1214.1	1214.7	1216.1	1217.5	1218.9	1220.3
167.5°	1222.5	1221.9	1222.2	1222.8	1223.4	1224.0	1224.6	1226.0	1227.4	1228.8	1230.2
170°	1230.6	1230.0	1230.2	1230.6	1231.0	1231.4	1231.8	1233.2	1234.6	1236.0	1237.4
172.5°	1236.0	1235.4	1235.6	1236.0	1236.4	1236.8	1237.2	1238.6	1240.0	1241.4	1242.8
175°	1239.7	1239.0	1239.2	1239.6	1240.0	1240.4	1240.8	1242.2	1243.6	1245.0	1246.4
177.5°	1241.5	1240.8	1240.9	1241.1	1241.3	1241.5	1241.7	1243.1	1244.5	1245.9	1247.3
180°	1242.6	1242.6	1242.6	1242.6	1242.6	1242.6	1242.6	1242.6	1242.6	1242.6	1242.6

TEST NUMBER: P999832

CATALOG NUMBER: SA2XXRDIP-B485D925UB2750-4F0-XX-W2A-A_4000K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
0°	1064.2	1064.2	1064.2	1064.2	1064.2	1064.2	1064.2	1064.2	1064.2	1064.2	1064.2
2.5°	1018.3	1016.8	1012.4	1013.9	1011.7	1011.7	1010.2	1010.2	1010.2	1013.9	1011.7
5°	962.8	957.7	952.5	950.3	948.1	945.8	945.8	945.1	951.8	950.3	956.2
7.5°	894.1	892.6	882.2	882.2	878.5	877.1	880.8	881.5	882.2	883.7	887.4
10°	832.7	829.0	814.2	815.7	813.5	810.5	812.7	811.2	816.4	817.9	816.4
12.5°	760.2	753.6	737.3	729.2	720.3	713.6	721.8	715.8	736.6	742.5	758.7
15°	664.1	651.5	640.4	640.4	632.3	626.4	630.1	636.7	641.2	647.8	650.8
17.5°	599.7	594.6	585.7	580.5	578.3	576.1	576.1	579.0	588.7	587.9	593.8
20°	545.0	542.1	537.6	531.0	528.8	527.3	527.3	527.3	533.9	539.8	543.5
22.5°	507.3	505.1	502.1	493.3	488.8	487.3	491.0	493.3	498.4	502.9	506.6
25°	469.6	464.4	459.2	456.3	454.1	454.1	455.5	456.3	458.5	460.7	465.2
27.5°	438.5	434.8	427.4	419.3	419.3	417.1	418.6	420.0	425.2	432.6	436.3
30°	403.8	403.0	400.1	397.1	394.2	392.7	395.6	397.9	398.6	402.3	402.3
32.5°	378.6	373.5	368.3	365.3	363.8	363.1	363.8	366.8	366.8	371.2	376.4
35°	353.5	350.5	345.4	340.2	338.7	335.0	338.0	340.9	346.1	348.3	350.5
37.5°	326.1	322.4	320.2	318.7	315.8	316.5	314.3	318.7	323.2	322.4	323.9
40°	305.4	298.8	292.1	291.4	290.6	289.9	289.9	290.6	293.6	296.5	301.0
42.5°	278.8	276.6	270.7	264.7	263.3	261.8	260.3	263.3	269.2	274.4	276.6
45°	251.4	248.5	247.0	242.6	239.6	238.9	237.4	241.1	246.3	248.5	250.0
47.5°	226.3	225.6	221.1	221.9	219.6	220.4	219.6	221.9	221.9	224.1	225.6
50°	209.3	207.1	204.8	203.4	201.1	201.1	200.4	201.1	204.1	207.1	206.3
52.5°	192.3	188.6	187.8	187.1	185.6	187.1	184.9	185.6	188.6	190.1	189.3
55°	172.3	171.6	170.1	168.6	167.9	167.1	167.1	167.1	170.1	172.3	173.0
57.5°	156.8	153.1	150.1	150.1	147.2	146.4	147.9	148.6	150.9	152.3	153.8
60°	135.3	133.9	129.4	127.2	122.8	122.0	122.0	125.0	128.7	133.9	135.3
62.5°	112.4	110.2	109.4	109.4	109.4	109.4	109.4	109.4	109.4	110.2	110.2
65°	99.8	100.6	99.8	99.1	99.8	99.8	99.1	99.1	99.1	99.8	100.6
67.5°	89.5	88.7	89.5	88.7	88.0	88.0	87.3	88.0	88.7	89.5	89.5
70°	77.6	77.6	76.9	77.6	76.9	76.2	75.4	75.4	76.9	77.6	77.6
72.5°	66.6	66.6	65.8	65.8	64.3	64.3	65.1	64.3	64.3	66.6	66.6
75°	55.5	54.7	54.0	54.0	53.2	53.2	53.2	52.5	54.0	54.0	54.7
77.5°	43.6	43.6	43.6	42.9	42.9	42.2	42.2	42.9	42.9	42.9	43.6
80°	33.3	33.3	33.3	32.5	31.8	31.8	31.8	31.8	31.8	32.5	31.8
82.5°	22.9	22.9	22.9	22.9	22.9	22.2	22.2	22.2	22.9	22.9	22.2
85°	14.1	13.3	14.1	14.1	13.3	14.1	13.3	13.3	12.6	12.6	13.3
87.5°	5.9	5.2	4.4	4.4	5.2	4.4	4.4	4.4	5.2	4.4	4.4
90°	22.5	22.7	23.1	23.5	23.9	24.3	23.9	23.5	23.1	22.7	22.5
92.5°	23.4	23.5	23.7	23.9	24.1	24.3	24.1	23.9	23.7	23.5	23.4
95°	39.6	39.5	39.3	39.1	38.9	38.7	38.9	39.1	39.3	39.5	39.6
97.5°	48.6	48.7	48.9	49.1	49.3	49.5	49.3	49.1	48.9	48.7	48.6
100°	58.4	58.6	59.0	59.4	59.8	60.2	59.8	59.4	59.0	58.6	58.4
102.5°	62.9	63.2	63.8	64.4	65.0	65.6	65.0	64.4	63.8	63.2	62.9
105°	64.7	65.1	65.9	66.7	67.5	68.3	67.5	66.7	65.9	65.1	64.7
107.5°	66.5	66.9	67.7	68.5	69.3	70.1	69.3	68.5	67.7	66.9	66.5
110°	67.4	67.8	68.6	69.4	70.2	71.0	70.2	69.4	68.6	67.8	67.4

TEST NUMBER: P999832

CATALOG NUMBER: SA2XXRDIP-B485D925UB2750-4F0-XX-W2A-A_4000K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
112.5°	69.2	69.5	70.1	70.7	71.3	71.9	71.3	70.7	70.1	69.5	69.2
115°	138.5	131.3	116.9	102.5	88.1	73.7	88.1	102.5	116.9	131.3	138.5
117.5°	474.7	448.5	396.2	343.9	291.5	239.2	291.5	343.9	396.2	448.5	474.7
120°	669.8	656.3	629.4	602.4	575.5	548.5	575.5	602.4	629.4	656.3	669.8
122.5°	717.5	717.6	717.8	718.0	718.2	718.4	718.2	718.0	717.8	717.6	717.5
125°	766.0	766.3	766.9	767.5	768.1	768.7	768.1	767.5	766.9	766.3	766.0
127.5°	812.8	812.9	813.1	813.3	813.5	813.7	813.5	813.3	813.1	812.9	812.8
130°	856.0	855.9	855.7	855.5	855.3	855.1	855.3	855.5	855.7	855.9	856.0
132.5°	896.4	896.3	896.1	895.9	895.7	895.5	895.7	895.9	896.1	896.3	896.4
135°	936.0	935.8	935.4	935.0	934.6	934.2	934.6	935.0	935.4	935.8	936.0
137.5°	972.8	972.5	971.9	971.3	970.7	970.1	970.7	971.3	971.9	972.5	972.8
140°	1007.9	1007.4	1006.4	1005.4	1004.4	1003.4	1004.4	1005.4	1006.4	1007.4	1007.9
142.5°	1040.3	1039.8	1038.8	1037.8	1036.8	1035.8	1036.8	1037.8	1038.8	1039.8	1040.3
145°	1070.0	1069.5	1068.5	1067.5	1066.5	1065.5	1066.5	1067.5	1068.5	1069.5	1070.0
147.5°	1096.0	1095.6	1094.8	1094.0	1093.2	1092.4	1093.2	1094.0	1094.8	1095.6	1096.0
150°	1121.2	1120.7	1119.7	1118.7	1117.7	1116.7	1117.7	1118.7	1119.7	1120.7	1121.2
152.5°	1143.7	1143.0	1141.6	1140.2	1138.8	1137.4	1138.8	1140.2	1141.6	1143.0	1143.7
155°	1163.5	1162.7	1161.1	1159.5	1157.9	1156.3	1157.9	1159.5	1161.1	1162.7	1163.5
157.5°	1181.4	1180.6	1179.0	1177.4	1175.8	1174.2	1175.8	1177.4	1179.0	1180.6	1181.4
160°	1195.8	1195.1	1193.7	1192.3	1190.9	1189.5	1190.9	1192.3	1193.7	1195.1	1195.8
162.5°	1210.2	1209.3	1207.5	1205.7	1203.9	1202.1	1203.9	1205.7	1207.5	1209.3	1210.2
165°	1221.0	1220.3	1218.9	1217.5	1216.1	1214.7	1216.1	1217.5	1218.9	1220.3	1221.0
167.5°	1230.9	1230.0	1228.2	1226.4	1224.6	1222.8	1224.6	1226.4	1228.2	1230.0	1230.9
170°	1238.1	1237.2	1235.4	1233.6	1231.8	1230.0	1231.8	1233.6	1235.4	1237.2	1238.1
172.5°	1243.5	1242.6	1240.8	1239.0	1237.2	1235.4	1237.2	1239.0	1240.8	1242.6	1243.5
175°	1247.1	1246.1	1244.1	1242.1	1240.1	1238.1	1240.1	1242.1	1244.1	1246.1	1247.1
177.5°	1248.0	1247.1	1245.3	1243.5	1241.7	1239.9	1241.7	1243.5	1245.3	1247.1	1248.0
180°	1242.6	1242.6	1242.6	1242.6	1242.6	1242.6	1242.6	1242.6	1242.6	1242.6	1242.6

TEST NUMBER: P999832

CATALOG NUMBER: SA2XXRDIP-B485D925UB2750-4F0-XX-W2A-A_4000K

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
0°	1064.2	1064.2	1064.2	1064.2	1064.2	1064.2	1064.2	1064.2	1064.2	1064.2	1064.2
2.5°	1013.9	1017.6	1016.1	1008.0	1016.1	1018.3	1022.7	1027.2	1030.1	1034.6	1038.3
5°	950.3	957.7	962.1	957.7	972.5	974.7	985.0	990.9	999.8	1007.2	1013.1
7.5°	890.4	896.3	905.2	906.6	915.5	925.9	940.7	955.5	969.5	976.9	983.6
10°	826.0	836.4	849.7	846.7	860.1	876.3	891.9	915.5	927.3	940.7	952.5
12.5°	761.7	768.4	786.1	792.0	811.2	823.8	845.3	860.1	889.6	905.2	915.5
15°	649.3	676.7	698.8	725.5	750.6	774.3	793.5	820.1	846.0	857.8	874.8
17.5°	598.3	610.8	624.1	637.5	670.0	712.2	746.2	775.0	797.2	812.7	832.7
20°	545.0	557.6	572.4	585.0	604.9	635.2	677.4	726.9	753.6	769.8	789.1
22.5°	507.3	519.1	528.8	539.8	555.4	577.6	609.4	670.7	706.2	726.2	743.2
25°	466.6	481.4	491.8	499.9	512.5	536.9	562.8	597.5	661.1	676.7	700.3
27.5°	438.5	443.0	454.8	467.4	479.9	493.3	519.9	549.5	592.4	626.4	655.2
30°	405.3	416.3	427.4	432.6	443.7	462.9	479.2	511.0	544.3	570.9	605.7
32.5°	380.1	386.8	394.2	406.7	417.1	430.4	446.7	473.3	501.4	518.4	545.0
35°	352.0	356.4	372.0	377.2	387.5	400.8	417.1	437.8	468.1	481.4	500.7
37.5°	325.4	335.7	340.2	352.0	361.6	374.9	386.8	410.4	430.4	445.9	463.7
40°	304.7	309.1	317.3	327.6	335.7	346.1	360.9	377.9	399.3	411.9	427.4
42.5°	279.5	283.2	293.6	299.5	312.8	322.4	331.3	352.0	371.2	380.8	396.4
45°	252.2	261.0	267.7	279.5	286.9	298.8	309.9	324.6	342.4	353.5	362.4
47.5°	228.5	237.4	244.0	255.1	267.0	272.1	284.0	299.5	315.8	324.6	337.2
50°	209.3	212.2	224.8	230.0	242.6	252.9	261.0	274.4	292.1	297.3	307.6
52.5°	190.8	193.0	201.1	207.8	218.9	227.8	238.1	250.7	265.5	273.6	281.8
55°	174.5	176.0	179.7	187.1	194.5	205.6	215.2	227.0	239.6	248.5	255.9
57.5°	156.0	159.0	162.0	166.4	173.8	184.1	194.5	205.6	215.9	221.9	231.5
60°	134.6	139.0	144.2	149.4	154.6	162.0	173.8	184.1	193.8	198.9	206.3
62.5°	111.7	120.5	125.0	130.9	135.3	142.0	150.9	162.7	169.3	176.0	181.9
65°	100.6	101.3	102.1	108.0	116.1	122.8	130.9	139.8	150.1	154.6	159.0
67.5°	89.5	90.2	91.7	92.4	95.4	102.8	111.7	121.3	129.4	132.4	136.8
70°	78.4	78.4	81.3	82.1	82.8	83.6	91.0	100.6	108.0	111.7	116.8
72.5°	66.6	67.3	68.8	69.5	71.0	72.5	74.7	79.9	88.7	92.4	98.4
75°	54.7	55.5	56.2	56.9	59.2	59.9	62.1	65.1	68.8	73.2	76.9
77.5°	43.6	43.6	44.4	45.8	47.3	48.1	50.3	51.8	53.2	55.5	58.4
80°	32.5	33.3	33.3	34.8	34.8	35.5	36.2	38.5	39.9	41.4	42.9
82.5°	22.2	23.7	23.7	23.7	24.4	25.1	25.9	25.9	27.4	28.1	30.3
85°	13.3	14.1	14.1	14.1	13.3	14.8	14.8	15.5	15.5	15.5	16.3
87.5°	5.2	4.4	5.2	5.2	5.2	5.9	5.2	5.2	5.9	6.7	6.7
90°	22.0	21.0	20.0	19.0	18.0	16.4	14.8	13.2	11.6	10.8	9.7
92.5°	23.2	22.8	22.4	22.0	21.6	21.0	20.4	19.8	19.2	18.9	19.3
95°	39.1	38.1	37.1	36.1	35.1	33.7	32.3	30.9	29.5	28.8	32.1
97.5°	48.3	47.7	47.1	46.5	45.9	42.7	39.5	36.3	33.1	31.5	39.7
100°	57.6	56.0	54.4	52.8	51.2	47.8	44.4	41.1	37.7	36.0	49.7
102.5°	61.8	59.6	57.4	55.2	53.0	89.4	125.8	162.1	198.5	216.7	216.9
105°	63.6	61.4	59.2	57.0	54.8	109.4	163.9	218.5	273.0	300.3	297.3
107.5°	65.4	63.2	61.0	58.8	56.6	123.9	191.3	258.6	325.9	359.6	357.1
110°	77.4	97.4	117.3	137.3	157.3	215.1	272.8	330.6	388.3	417.2	415.1

TEST NUMBER: P999832

CATALOG NUMBER: SA2XXRDIP-B485D925UB2750-4F0-XX-W2A-A_4000K

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
112.5°	112.3	198.4	284.5	370.7	456.8	460.2	463.6	466.9	470.3	472.0	470.2
115°	184.8	277.3	369.8	462.3	554.8	549.8	544.8	539.8	534.8	532.3	530.6
117.5°	489.0	517.6	546.1	574.7	603.3	599.9	596.5	593.1	589.7	588.0	586.0
120°	668.6	666.2	663.9	661.5	659.1	655.5	651.9	648.3	644.7	642.9	641.4
122.5°	716.9	715.7	714.5	713.3	712.1	708.1	704.1	700.1	696.1	694.1	692.5
125°	765.3	763.9	762.6	761.2	759.8	756.0	752.2	748.4	744.6	742.7	741.4
127.5°	811.8	809.8	807.8	805.8	803.8	800.8	797.8	794.8	791.8	790.3	788.9
130°	854.9	852.7	850.5	848.3	846.1	843.9	841.7	839.5	837.3	836.2	834.6
132.5°	895.5	893.7	891.9	890.1	888.3	886.1	883.9	881.7	879.5	878.4	877.1
135°	935.0	933.0	931.0	929.0	927.0	925.2	923.4	921.6	919.8	918.9	917.3
137.5°	971.8	969.8	967.9	965.9	963.9	961.9	959.9	957.9	955.9	954.9	953.7
140°	1007.0	1005.2	1003.4	1001.6	999.8	997.6	995.4	993.2	991.0	989.9	989.1
142.5°	1039.5	1037.9	1036.3	1034.7	1033.1	1030.5	1027.9	1025.3	1022.7	1021.4	1020.7
145°	1069.3	1067.9	1066.5	1065.1	1063.7	1060.3	1056.9	1053.5	1050.1	1048.4	1048.5
147.5°	1095.5	1094.5	1093.5	1092.5	1091.5	1088.1	1084.7	1081.3	1077.9	1076.2	1076.5
150°	1120.6	1119.4	1118.2	1117.0	1115.8	1112.6	1109.4	1106.2	1103.0	1101.4	1102.1
152.5°	1143.1	1141.9	1140.7	1139.5	1138.3	1135.3	1132.3	1129.3	1126.3	1124.8	1125.6
155°	1162.9	1161.7	1160.5	1159.3	1158.1	1155.7	1153.3	1150.9	1148.5	1147.3	1148.2
157.5°	1180.7	1179.3	1177.9	1176.5	1175.1	1173.3	1171.5	1169.8	1168.0	1167.1	1167.9
160°	1195.2	1194.0	1192.8	1191.6	1190.4	1189.2	1188.0	1186.8	1185.6	1185.0	1185.6
162.5°	1209.5	1208.1	1206.7	1205.3	1203.9	1202.9	1201.9	1200.9	1199.9	1199.4	1200.0
165°	1220.3	1218.9	1217.5	1216.1	1214.7	1214.1	1213.5	1212.9	1212.3	1212.0	1212.6
167.5°	1230.2	1228.8	1227.4	1226.0	1224.6	1224.0	1223.4	1222.8	1222.2	1221.9	1222.5
170°	1237.4	1236.0	1234.6	1233.2	1231.8	1231.4	1231.0	1230.6	1230.2	1230.0	1230.6
172.5°	1242.8	1241.4	1240.0	1238.6	1237.2	1236.8	1236.4	1236.0	1235.6	1235.4	1236.0
175°	1246.4	1245.0	1243.6	1242.2	1240.8	1240.4	1240.0	1239.6	1239.2	1239.0	1239.7
177.5°	1247.3	1245.9	1244.5	1243.1	1241.7	1241.5	1241.3	1241.1	1240.9	1240.8	1241.5
180°	1242.6	1242.6	1242.6	1242.6	1242.6	1242.6	1242.6	1242.6	1242.6	1242.6	1242.6

TEST NUMBER: P999832

CATALOG NUMBER: SA2XXRDIP-B485D925UB2750-4F0-XX-W2A-A_4000K

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
0°	1064.2	1064.2	1064.2	1064.2
2.5°	1044.9	1042.7	1056.0	1070.8
5°	1023.5	1027.2	1044.2	1064.9
7.5°	1001.3	1009.4	1029.4	1056.8
10°	970.2	985.0	1015.4	1043.5
12.5°	939.9	959.9	988.7	1022.0
15°	905.9	928.1	963.6	1003.5
17.5°	868.2	893.3	934.7	978.4
20°	828.3	861.5	905.2	952.5
22.5°	783.9	823.8	868.9	921.4
25°	741.0	784.6	829.7	890.4
27.5°	698.8	741.7	792.0	853.4
30°	656.7	695.9	749.9	815.7
32.5°	611.6	652.3	709.2	776.5
35°	570.2	610.8	664.1	730.6
37.5°	525.8	569.4	620.5	689.2
40°	474.0	525.1	574.6	640.4
42.5°	431.1	485.1	533.2	595.3
45°	397.1	448.1	488.1	548.7
47.5°	365.3	406.7	447.4	503.6
50°	335.0	366.8	409.0	459.2
52.5°	303.9	331.3	367.5	414.9
55°	275.8	301.7	334.3	370.5
57.5°	250.0	268.4	301.0	333.5
60°	221.1	240.3	265.5	292.8
62.5°	196.7	211.5	235.2	258.1
65°	170.8	184.9	202.6	224.1
67.5°	147.2	159.7	173.8	190.8
70°	125.7	135.3	145.7	160.5
72.5°	102.8	113.1	122.8	134.6
75°	84.3	88.7	96.9	105.0
77.5°	65.1	71.0	75.4	82.1
80°	46.6	51.8	53.2	58.4
82.5°	31.1	34.0	37.0	38.5
85°	17.7	19.2	22.2	22.9
87.5°	6.7	7.4	8.9	10.4
90°	7.5	5.3	3.1	0.9
92.5°	20.1	20.9	21.7	22.5
95°	38.7	45.2	51.8	58.4
97.5°	56.1	72.4	88.8	105.2
100°	77.0	104.4	131.7	159.1
102.5°	217.3	217.7	218.1	218.5
105°	291.3	285.3	279.3	273.3
107.5°	352.1	347.2	342.2	337.2
110°	410.9	406.7	402.5	398.3

TEST NUMBER: P999832

CATALOG NUMBER: SA2XXRDIP-B485D925UB2750-4F0-XX-W2A-A_4000K

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
112.5°	466.6	463.1	459.5	455.9
115°	527.2	523.8	520.4	517.0
117.5°	582.0	578.0	574.0	570.0
120°	638.4	635.4	632.4	629.4
122.5°	689.3	686.1	682.9	679.7
125°	738.8	736.2	733.6	731.0
127.5°	786.1	783.3	780.5	777.7
130°	831.4	828.2	825.0	821.8
132.5°	874.5	872.0	869.4	866.8
135°	914.1	910.9	907.7	904.5
137.5°	951.3	948.9	946.5	944.1
140°	987.5	985.9	984.3	982.7
142.5°	1019.3	1017.9	1016.5	1015.1
145°	1048.7	1048.9	1049.1	1049.3
147.5°	1077.1	1077.7	1078.3	1078.9
150°	1103.5	1104.9	1106.3	1107.7
152.5°	1127.2	1128.8	1130.4	1132.0
155°	1150.0	1151.8	1153.6	1155.4
157.5°	1169.5	1171.0	1172.6	1174.2
160°	1186.8	1188.0	1189.2	1190.4
162.5°	1201.2	1202.4	1203.6	1204.8
165°	1213.8	1215.0	1216.2	1217.4
167.5°	1223.7	1224.9	1226.1	1227.3
170°	1231.8	1233.0	1234.2	1235.4
172.5°	1237.2	1238.4	1239.6	1240.8
175°	1241.1	1242.5	1243.9	1245.3
177.5°	1242.9	1244.3	1245.7	1247.1
180°	1242.6	1242.6	1242.6	1242.6

(END OF REPORT)