

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: P1013349

Luminaire Tested: S124RDIP-B575D1035UB2750-4F0-XX-W2A-A_3000K

Issue Date: 5/7/2025

Test Information

Test Method: LM-79-2019
Report Number: P1013349
REPORT IS A COMBINATION OF REPORTS P999426 AND P1007351
Test Lab: INNOVATION CENTER
Issue Date: 5/7/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: NEO-RAY
Catalog Number: S124RDIP-B575D1035UB2750-4F0-XX-W2A-A_3000K
Description: Define 4 Regressed Direct/Indirect Pendant with 3000K BioUP LEDs {m-DER=0.589}
{m-EER=0.647}
Light Source: -
Ballast/Driver: -

Summary

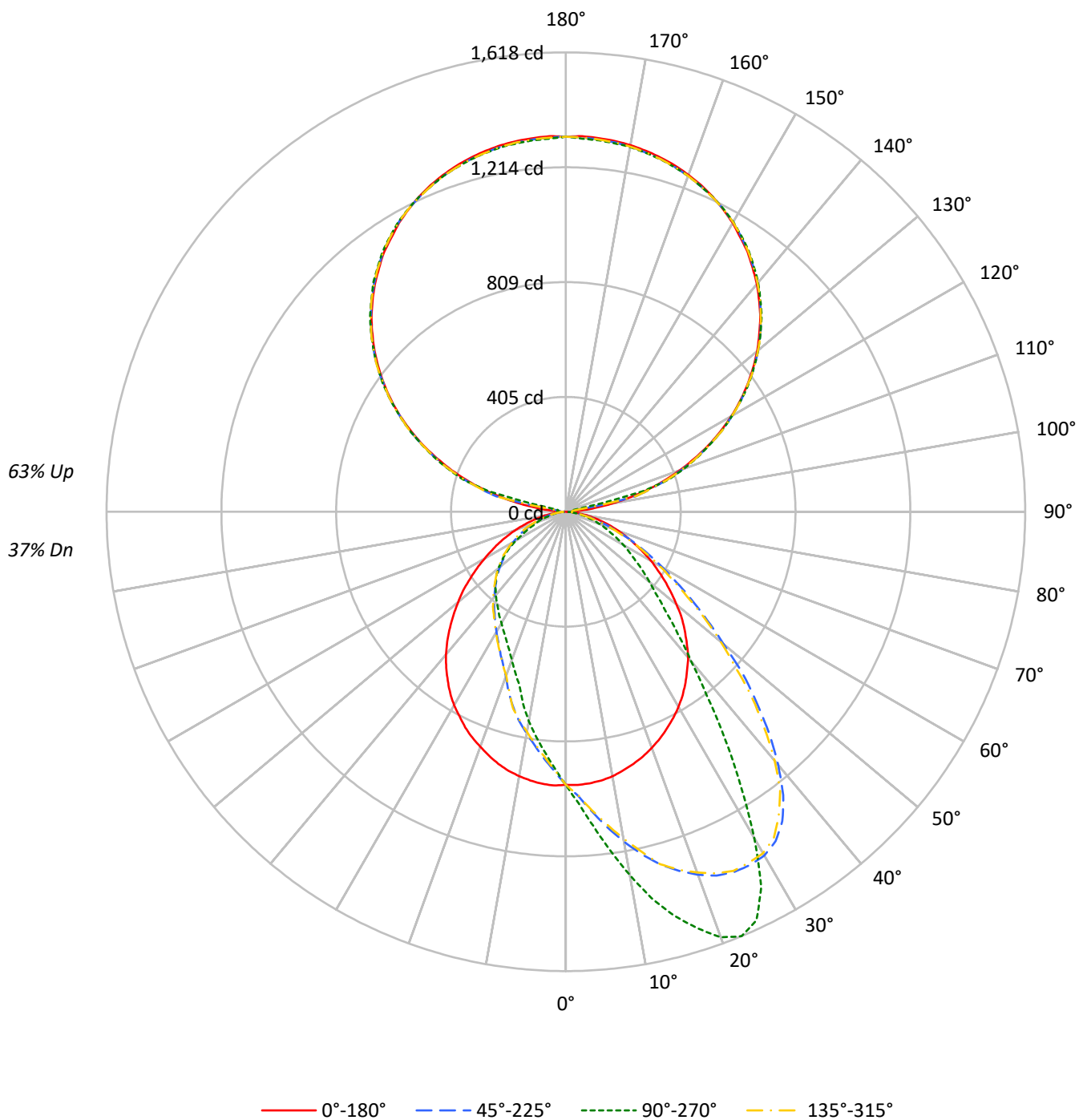
Lumens per Lamp: N/A
Luminaire Lumens: 6522.0 lumens
Efficiency: N/A
Efficacy: 124.2 lumens/watt
Spacing Criteria (0/90/45): 1.22 / 1.27 / 1.38
Luminous Opening: Rectangular w/ Sides (W: 0.33' x L: 4' x H: 0.1')
CIE Type: Semi-Indirect

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

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Luminous Intensity Polar Plot



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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20
RC	80				70				50				30				10
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10
RCR																	
0	104	104	104	104	94	94	94	94	76	76	76	60	60	60	44	44	44
1	95	91	88	84	86	83	80	77	67	65	63	53	52	50	40	39	38
2	87	80	74	69	79	73	68	64	59	56	53	47	45	43	35	34	33
3	80	71	64	58	72	64	58	54	53	48	45	42	39	36	32	30	28
4	73	63	55	49	66	57	51	46	47	42	38	37	34	31	28	26	25
5	67	56	48	42	61	51	44	39	42	37	33	34	30	27	26	23	22
6	62	50	42	37	56	46	39	34	38	33	29	30	27	24	23	21	19
7	57	45	38	32	52	41	35	30	34	29	26	28	24	21	21	19	17
8	53	41	34	28	48	38	31	26	31	26	23	25	22	19	20	17	15
9	49	37	30	25	45	34	28	24	29	24	20	23	20	17	18	16	14
10	46	34	27	23	42	32	25	21	26	22	18	22	18	15	17	14	13

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	7842	7842	7842	7842
5°	7842	8861	7855	6773
10°	7800	10214	7794	5890
15°	7708	11496	7708	4932
20°	7611	12465	7570	4342
25°	7491	12517	7457	3922
30°	7365	10644	7308	3633
35°	7187	8031	7096	3417
40°	6989	5820	6851	3249
45°	6661	4423	6495	3100
50°	6272	3575	6100	2882
55°	5850	2960	5660	2591
60°	5427	2503	5185	2155
65°	4895	2040	4739	1713
70°	4408	1654	4201	1391
75°	3864	1192	3596	1020
80°	3187	789	2900	750
85°	2314	407	1914	407

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 35°

Vertical Angle: 45°

Luminance: 9817 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	93.1	1.4
10°-20°	281.2	4.3
20°-30°	440.5	6.8
30°-40°	489.1	7.5
40°-50°	433.5	6.6
50°-60°	337.8	5.2
60°-70°	221.0	3.4
70°-80°	108.4	1.7
80°-90°	29.1	0.4
90°-100°	43.9	0.7
100°-110°	288.8	4.4
110°-120°	551.5	8.5
120°-130°	700.1	10.7
130°-140°	749.0	11.5
140°-150°	700.4	10.7
150°-160°	564.8	8.7
160°-170°	364.2	5.6
170°-180°	125.5	1.9
0°-30°	814.8	12.5
0°-40°	1304.0	20.0
0°-60°	2075.2	31.8
0°-90°	2433.7	37.3
90°-120°	884.2	13.6
90°-150°	3033.7	46.5
90°-180°	4088.0	62.7
0°-180°	6522.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	962	962	962	962	962	
5°	960	1111	962	849	960	91
15°	919	1472	919	632	919	259
25°	842	1588	838	498	842	388
35°	735	978	725	416	735	459
45°	592	500	577	350	592	457
55°	426	298	412	261	426	381
65°	267	174	259	146	267	267
75°	134	81	125	69	134	142
85°	32	19	26	19	32	36
90°	3	30	3	30	3	5
95°	54	29	54	29	54	67
105°	297	282	297	282	297	311
115°	555	559	555	559	555	547
125°	781	787	781	787	781	697
135°	968	975	968	975	968	746
145°	1117	1123	1117	1123	1117	698
155°	1224	1223	1224	1223	1224	565
165°	1292	1286	1292	1286	1292	365
175°	1321	1313	1321	1313	1321	126
180°	1321	1321	1321	1321	1321	

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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	961.7	961.7	961.7	961.7	961.7	961.7	961.7	961.7	961.7	961.7	961.7
2.5°	963.2	971.7	976.4	980.3	988.0	991.1	997.3	998.9	1005.1	1004.3	1002.0
5°	960.1	974.8	985.7	997.3	1011.3	1019.0	1027.5	1039.9	1046.1	1054.7	1060.1
7.5°	954.7	974.8	992.7	1010.5	1033.0	1045.4	1056.2	1075.6	1091.9	1105.8	1121.3
10°	946.2	971.7	998.1	1022.1	1053.1	1067.8	1084.1	1112.8	1135.3	1154.6	1179.4
12.5°	933.0	968.6	998.1	1030.6	1070.2	1090.3	1112.0	1146.1	1172.5	1204.2	1235.2
15°	919.1	958.6	997.3	1039.9	1084.9	1108.1	1129.8	1175.6	1215.8	1252.3	1286.4
17.5°	903.6	947.0	989.6	1036.8	1091.1	1119.8	1145.3	1200.3	1244.5	1291.8	1325.9
20°	885.0	932.2	981.0	1033.7	1095.0	1126.7	1155.4	1218.2	1267.0	1318.1	1360.8
22.5°	864.8	916.0	969.4	1026.8	1090.3	1125.2	1158.5	1225.9	1282.5	1329.8	1387.1
25°	842.3	896.6	951.6	1012.0	1083.3	1121.3	1155.4	1222.0	1282.5	1344.5	1400.3
27.5°	819.1	874.9	932.2	995.8	1068.6	1105.8	1144.6	1208.9	1279.4	1346.8	1403.4
30°	793.5	847.8	908.2	968.6	1046.1	1083.3	1122.9	1192.6	1269.3	1336.7	1398.0
32.5°	765.6	821.4	878.8	941.5	1017.5	1057.8	1094.2	1173.2	1251.5	1318.1	1375.5
35°	734.6	787.3	841.6	905.9	981.0	1017.5	1060.9	1143.0	1222.0	1292.6	1329.8
37.5°	701.3	751.7	802.0	865.6	937.7	981.8	1024.4	1107.4	1191.1	1238.3	1257.7
40°	670.3	714.5	758.6	819.9	892.7	938.4	981.8	1067.8	1141.5	1177.9	1163.2
42.5°	630.8	676.5	716.0	772.6	846.2	888.8	933.0	1022.1	1081.8	1096.5	1060.1
45°	592.0	630.0	668.0	723.0	800.5	836.9	884.2	967.1	1016.7	1003.5	950.1
47.5°	554.1	585.1	620.7	674.2	743.9	787.3	831.5	903.6	938.4	919.8	845.4
50°	509.1	540.1	577.3	623.8	691.2	733.1	767.9	834.6	860.9	815.2	725.3
52.5°	466.5	493.6	525.4	568.8	633.1	671.1	709.1	766.4	774.9	722.2	627.7
55°	426.2	447.9	481.2	516.1	575.0	615.3	641.6	690.5	688.1	622.3	540.9
57.5°	384.4	404.5	427.0	463.4	519.2	549.4	578.1	620.7	598.2	542.4	461.9
60°	347.2	358.8	381.3	416.1	463.4	489.7	512.2	535.5	516.1	455.7	393.7
62.5°	306.1	319.3	335.5	363.4	405.3	430.1	446.4	456.4	436.3	389.8	333.2
65°	267.3	279.0	296.0	320.8	352.6	371.2	379.7	386.7	375.8	323.1	278.2
67.5°	232.5	240.2	255.7	272.0	306.1	310.7	322.4	325.5	303.8	263.5	227.8
70°	197.6	205.4	212.3	231.7	247.2	255.7	258.0	258.0	236.4	210.0	180.6
72.5°	165.1	169.7	176.7	189.9	198.4	204.6	207.7	203.8	183.7	162.0	140.3
75°	134.1	136.4	142.6	151.1	158.1	155.8	155.0	150.3	135.6	120.1	107.7
77.5°	103.1	104.6	111.6	113.9	113.9	116.2	113.1	108.5	96.1	84.5	79.0
80°	77.5	79.8	80.6	82.1	80.6	80.6	78.3	70.5	64.3	58.9	55.0
82.5°	53.5	55.0	55.8	53.5	55.0	52.7	48.8	43.4	39.5	38.7	37.2
85°	31.8	32.5	31.8	31.8	29.4	28.7	25.6	24.8	23.2	23.2	22.5
87.5°	15.5	14.7	13.2	11.6	11.6	10.8	11.6	10.1	11.6	10.8	10.1
90°	3.0	5.4	7.8	10.2	12.6	13.8	14.7	16.4	18.2	19.9	21.7
92.5°	14.8	14.4	13.9	13.5	13.0	12.8	13.7	15.5	17.2	19.0	20.8
95°	54.4	46.9	39.5	32.0	24.5	20.8	20.9	21.1	21.3	21.5	21.7
97.5°	103.8	108.6	113.4	118.3	123.1	125.5	114.0	90.9	67.8	44.8	21.7
100°	162.1	166.0	170.0	173.9	177.8	179.8	164.7	134.4	104.1	73.8	43.5
102.5°	227.3	229.9	232.5	235.2	237.8	239.1	240.4	243.1	245.7	248.4	251.0
105°	297.4	298.7	300.1	301.4	302.7	303.4	303.9	305.0	306.1	307.2	308.3
107.5°	361.7	362.3	363.0	363.6	364.3	364.6	365.4	366.9	368.5	370.0	371.6
110°	426.9	427.6	428.2	428.9	429.6	429.9	430.6	431.9	433.2	434.5	435.8

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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	490.1	491.4	492.8	494.1	495.4	496.1	496.3	496.7	497.2	497.6	498.0
115°	555.4	556.0	556.7	557.3	558.0	558.3	558.2	558.0	557.7	557.5	557.3
117.5°	613.7	614.6	615.4	616.3	617.2	617.6	617.9	618.6	619.3	619.9	620.6
120°	673.0	673.9	674.7	675.6	676.5	676.9	676.8	676.6	676.3	676.1	675.9
122.5°	728.3	728.7	729.2	729.6	730.1	730.3	730.5	730.9	731.4	731.8	732.2
125°	780.7	781.6	782.4	783.3	784.2	784.6	784.4	783.9	783.5	783.0	782.6
127.5°	831.1	831.3	831.5	831.8	832.0	832.1	832.6	833.7	834.8	835.9	837.0
130°	879.5	879.7	879.9	880.2	880.4	880.5	880.8	881.5	882.1	882.8	883.4
132.5°	924.0	924.4	924.8	925.3	925.7	925.9	926.3	927.2	928.1	929.0	929.9
135°	968.4	968.2	968.0	967.7	967.5	967.4	967.8	968.7	969.6	970.5	971.4
137.5°	1007.9	1007.9	1007.9	1007.9	1007.9	1007.9	1008.5	1009.6	1010.7	1011.8	1012.9
140°	1046.5	1046.9	1047.4	1047.8	1048.3	1048.5	1048.7	1049.1	1049.6	1050.0	1050.4
142.5°	1081.1	1082.0	1082.8	1083.7	1084.6	1085.0	1085.1	1085.3	1085.6	1085.8	1086.0
145°	1116.6	1117.3	1117.9	1118.6	1119.3	1119.6	1119.6	1119.6	1119.6	1119.6	1119.6
147.5°	1144.3	1145.6	1146.9	1148.2	1149.5	1150.2	1150.1	1149.9	1149.7	1149.5	1149.3
150°	1175.0	1175.9	1176.7	1177.6	1178.5	1178.9	1178.8	1178.6	1178.3	1178.1	1177.9
152.5°	1200.6	1201.3	1201.9	1202.6	1203.3	1203.6	1203.4	1202.9	1202.5	1202.0	1201.6
155°	1224.4	1224.6	1224.8	1225.1	1225.3	1225.4	1225.1	1224.4	1223.7	1223.1	1222.4
157.5°	1245.1	1245.1	1245.1	1245.1	1245.1	1245.1	1244.7	1243.8	1242.9	1242.1	1241.2
160°	1262.9	1262.2	1261.6	1260.9	1260.2	1259.9	1259.8	1259.6	1259.3	1259.1	1258.9
162.5°	1278.7	1277.8	1277.0	1276.1	1275.2	1274.8	1274.7	1274.5	1274.2	1274.0	1273.8
165°	1291.6	1290.5	1289.4	1288.3	1287.2	1286.6	1286.6	1286.6	1286.6	1286.6	1286.6
167.5°	1302.4	1301.3	1300.2	1299.1	1298.0	1297.5	1297.4	1297.2	1296.9	1296.7	1296.5
170°	1311.3	1310.0	1308.7	1307.4	1306.1	1305.4	1305.5	1305.7	1306.0	1306.2	1306.4
172.5°	1317.3	1316.0	1314.6	1313.3	1312.0	1311.3	1311.4	1311.6	1311.9	1312.1	1312.3
175°	1321.2	1319.9	1318.6	1317.3	1316.0	1315.3	1315.4	1315.6	1315.9	1316.1	1316.3
177.5°	1324.2	1322.7	1321.1	1319.6	1318.1	1317.3	1317.5	1317.9	1318.4	1318.8	1319.2
180°	1321.2	1321.2	1321.2	1321.2	1321.2	1321.2	1321.2	1321.2	1321.2	1321.2	1321.2

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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	961.7	961.7	961.7	961.7	961.7	961.7	961.7	961.7	961.7	961.7	961.7
2.5°	1008.2	1016.7	1017.5	1025.2	1022.9	1019.0	1026.0	1021.3	1030.6	1027.5	1031.4
5°	1067.1	1078.7	1088.8	1095.0	1105.8	1103.5	1115.1	1111.2	1119.8	1111.2	1122.1
7.5°	1136.0	1155.4	1165.5	1181.8	1186.4	1187.2	1201.1	1204.2	1209.6	1204.2	1210.4
10°	1203.4	1226.7	1249.9	1263.1	1271.6	1283.3	1295.7	1301.1	1305.0	1299.5	1303.4
12.5°	1264.7	1301.1	1326.7	1353.0	1359.2	1369.3	1382.5	1380.9	1396.4	1393.3	1400.3
15°	1321.2	1361.5	1392.5	1413.5	1430.5	1439.0	1463.8	1465.4	1464.6	1472.3	1467.7
17.5°	1371.6	1405.7	1449.9	1477.0	1497.9	1497.9	1511.9	1540.5	1538.2	1537.4	1542.1
20°	1412.7	1451.4	1492.5	1538.2	1555.3	1558.4	1577.7	1592.5	1594.8	1594.8	1594.8
22.5°	1443.7	1489.4	1533.6	1566.1	1579.3	1590.1	1607.2	1616.5	1619.6	1618.0	1619.6
25°	1459.2	1502.6	1547.5	1577.0	1584.7	1590.9	1592.5	1597.9	1597.1	1587.8	1593.2
27.5°	1462.3	1504.1	1533.6	1541.3	1537.4	1533.6	1508.8	1511.1	1504.1	1490.2	1495.6
30°	1448.3	1470.8	1470.0	1446.0	1439.0	1422.8	1400.3	1367.0	1339.8	1328.2	1332.1
32.5°	1398.0	1398.0	1370.1	1315.8	1291.8	1262.3	1222.0	1191.8	1156.2	1148.4	1163.2
35°	1328.2	1288.7	1237.5	1166.3	1129.8	1108.1	1038.4	1016.7	986.5	977.9	984.9
37.5°	1219.7	1153.9	1079.5	1012.8	981.8	943.1	881.9	850.9	829.2	814.4	821.4
40°	1098.1	1018.2	940.8	858.6	824.5	792.7	747.0	719.1	684.3	685.8	688.1
42.5°	981.8	888.1	801.3	725.3	692.8	666.4	634.7	600.6	588.2	584.3	580.4
45°	858.6	758.6	677.3	620.7	591.3	566.5	537.0	517.6	502.9	499.8	503.7
47.5°	742.4	657.9	580.4	527.7	503.7	491.3	468.1	450.2	440.9	433.2	437.8
50°	637.0	557.9	495.9	451.8	434.7	426.2	404.5	395.2	385.9	383.6	382.8
52.5°	550.2	482.8	429.3	393.7	380.5	375.8	359.6	346.4	338.6	341.0	342.5
55°	471.2	413.8	372.0	343.3	332.4	327.0	315.4	306.1	300.7	298.3	299.9
57.5°	401.4	351.8	321.6	298.3	289.8	287.5	275.1	272.0	268.1	265.8	265.8
60°	337.9	303.0	275.1	261.9	252.6	250.3	241.0	237.1	236.4	234.0	232.5
62.5°	284.4	255.7	236.4	222.4	218.5	217.8	211.6	206.9	204.6	203.0	203.0
65°	237.9	217.0	200.7	190.6	187.5	186.0	179.0	177.5	175.9	174.4	173.6
67.5°	198.4	179.8	168.2	161.2	157.3	158.1	154.2	151.1	151.1	150.3	149.6
70°	160.4	148.8	138.7	134.8	133.3	131.7	130.2	127.9	127.1	127.1	127.1
72.5°	126.3	118.6	113.1	110.8	109.3	107.7	106.2	106.2	106.2	105.4	105.4
75°	96.9	93.8	89.9	87.6	87.6	89.1	86.8	84.5	82.1	80.6	81.4
77.5°	72.8	71.3	69.0	65.1	65.9	64.3	64.3	62.8	63.5	63.5	62.0
80°	53.5	51.1	50.4	48.0	48.8	48.0	47.3	47.3	45.7	45.7	45.7
82.5°	37.2	34.9	34.9	34.1	33.3	33.3	32.5	32.5	33.3	31.8	31.8
85°	22.5	21.7	21.7	20.1	20.1	20.1	20.1	20.9	20.1	19.4	19.4
87.5°	10.1	10.8	10.1	9.3	9.3	9.3	8.5	8.5	7.7	8.5	8.5
90°	23.0	24.4	25.7	27.0	27.7	27.9	28.3	28.8	29.2	29.6	29.2
92.5°	22.1	23.4	24.7	26.0	26.7	26.7	26.7	26.7	26.7	26.7	26.7
95°	23.0	24.4	25.7	27.0	27.7	27.8	28.0	28.3	28.5	28.7	28.5
97.5°	22.8	23.9	25.0	26.1	26.7	26.8	27.0	27.3	27.5	27.7	27.5
100°	39.8	36.0	32.3	28.6	26.7	26.8	27.0	27.3	27.5	27.7	27.5
102.5°	201.6	152.2	102.8	53.4	28.7	28.7	28.7	28.7	28.7	28.7	28.7
105°	310.3	312.3	314.2	316.2	317.2	313.2	305.3	297.4	289.5	281.6	289.5
107.5°	372.7	373.8	374.9	376.0	376.5	376.9	377.8	378.7	379.6	380.5	379.6
110°	436.2	436.7	437.1	437.6	437.8	438.1	438.8	439.4	440.1	440.7	440.1

TEST NUMBER: P1013349

CATALOG NUMBER: S124RDIP-B575D1035UB2750-4F0-XX-W2A-A_3000K

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	497.8	497.6	497.4	497.2	497.1	497.5	498.4	499.3	500.1	501.0	500.1
115°	557.7	558.2	558.6	559.1	559.3	559.3	559.3	559.3	559.3	559.3	559.3
117.5°	620.4	620.2	619.9	619.7	619.6	619.6	619.6	619.6	619.6	619.6	619.6
120°	676.3	676.8	677.2	677.7	677.9	677.7	677.2	676.8	676.3	675.9	676.3
122.5°	732.4	732.6	732.9	733.1	733.2	733.0	732.6	732.1	731.7	731.3	731.7
125°	783.3	783.9	784.6	785.3	785.6	785.7	785.9	786.2	786.4	786.6	786.4
127.5°	836.8	836.6	836.3	836.1	836.0	835.9	835.7	835.4	835.2	835.0	835.2
130°	883.6	883.8	884.1	884.3	884.4	884.4	884.4	884.4	884.4	884.4	884.4
132.5°	930.1	930.3	930.6	930.8	930.9	930.8	930.6	930.3	930.1	929.9	930.1
135°	971.8	972.3	972.7	973.2	973.4	973.6	974.0	974.5	974.9	975.3	974.9
137.5°	1013.3	1013.8	1014.2	1014.7	1014.9	1014.8	1014.6	1014.3	1014.1	1013.9	1014.1
140°	1051.1	1051.7	1052.4	1053.1	1053.4	1053.5	1053.7	1054.0	1054.2	1054.4	1054.2
142.5°	1086.4	1086.9	1087.3	1087.8	1088.0	1088.0	1088.0	1088.0	1088.0	1088.0	1088.0
145°	1119.8	1120.0	1120.3	1120.5	1120.6	1120.8	1121.3	1121.7	1122.2	1122.6	1122.2
147.5°	1149.5	1149.7	1149.9	1150.1	1150.2	1150.3	1150.5	1150.8	1151.0	1151.2	1151.0
150°	1177.9	1177.9	1177.9	1177.9	1177.9	1178.0	1178.2	1178.5	1178.7	1178.9	1178.7
152.5°	1202.0	1202.5	1202.9	1203.4	1203.6	1203.5	1203.3	1203.0	1202.8	1202.6	1202.8
155°	1223.3	1224.1	1225.0	1225.9	1226.3	1226.0	1225.3	1224.7	1224.0	1223.4	1224.0
157.5°	1242.3	1243.4	1244.5	1245.6	1246.1	1245.6	1244.5	1243.4	1242.3	1241.2	1242.3
160°	1260.2	1261.6	1262.9	1264.2	1264.9	1264.2	1262.9	1261.6	1260.2	1258.9	1260.2
162.5°	1275.1	1276.4	1277.7	1279.0	1279.7	1278.9	1277.4	1275.9	1274.3	1272.8	1274.3
165°	1288.4	1290.1	1291.9	1293.6	1294.5	1293.5	1291.5	1289.6	1287.6	1285.6	1287.6
167.5°	1298.5	1300.5	1302.4	1304.4	1305.4	1304.3	1302.1	1299.9	1297.7	1295.5	1297.7
170°	1308.2	1309.9	1311.7	1313.4	1314.3	1313.2	1311.0	1308.8	1306.6	1304.4	1306.6
172.5°	1314.1	1315.8	1317.6	1319.3	1320.2	1319.0	1316.6	1314.1	1311.7	1309.3	1311.7
175°	1318.3	1320.3	1322.2	1324.2	1325.2	1323.9	1321.2	1318.6	1315.9	1313.3	1315.9
177.5°	1321.0	1322.7	1324.5	1326.2	1327.1	1325.8	1323.2	1320.5	1317.9	1315.3	1317.9
180°	1321.2	1321.2	1321.2	1321.2	1321.2	1321.2	1321.2	1321.2	1321.2	1321.2	1321.2

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CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	961.7	961.7	961.7	961.7	961.7	961.7	961.7	961.7	961.7	961.7	961.7
2.5°	1033.7	1028.3	1027.5	1027.5	1019.0	1023.7	1014.4	1004.3	999.6	999.6	991.1
5°	1119.8	1114.3	1108.9	1100.4	1100.4	1095.7	1081.0	1066.3	1055.4	1046.1	1036.1
7.5°	1208.1	1202.7	1187.2	1178.7	1183.3	1174.0	1154.6	1129.8	1111.2	1096.5	1075.6
10°	1304.2	1289.5	1281.7	1277.1	1260.8	1250.7	1228.2	1191.8	1168.6	1149.2	1122.1
12.5°	1382.5	1387.1	1357.7	1360.0	1343.7	1329.8	1294.9	1260.0	1225.1	1198.0	1157.7
15°	1466.9	1453.0	1435.1	1421.2	1415.8	1398.7	1369.3	1322.8	1284.8	1242.2	1196.5
17.5°	1533.6	1522.7	1505.7	1492.5	1480.9	1439.8	1415.0	1373.9	1322.0	1280.2	1224.4
20°	1590.1	1580.1	1556.0	1547.5	1526.6	1497.1	1461.5	1398.0	1351.5	1305.7	1251.5
22.5°	1614.2	1604.1	1583.2	1572.3	1559.1	1530.5	1496.4	1435.9	1378.6	1321.2	1263.9
25°	1594.0	1594.0	1583.9	1580.1	1568.4	1542.9	1508.0	1456.8	1395.6	1333.6	1265.4
27.5°	1496.4	1515.7	1522.7	1526.6	1526.6	1527.4	1503.3	1453.7	1394.1	1333.6	1262.3
30°	1355.3	1387.9	1416.6	1425.1	1439.8	1456.1	1466.1	1442.1	1388.7	1325.1	1253.8
32.5°	1177.9	1219.7	1273.2	1286.4	1306.5	1355.3	1382.5	1392.5	1363.1	1307.3	1231.3
35°	1001.2	1053.9	1086.4	1126.7	1145.3	1217.4	1277.8	1314.3	1307.3	1274.0	1205.0
37.5°	847.0	877.2	916.7	959.3	996.5	1065.5	1140.7	1211.2	1239.9	1223.6	1171.7
40°	699.0	734.6	781.9	816.8	842.3	911.3	1004.3	1081.0	1143.8	1153.9	1122.1
42.5°	594.4	630.0	658.7	696.7	716.8	783.4	865.6	961.7	1036.1	1075.6	1061.6
45°	513.8	535.5	558.7	580.4	605.2	664.1	740.0	845.4	929.1	984.9	990.3
47.5°	443.3	462.6	482.8	502.9	516.9	562.6	632.3	718.3	809.8	886.5	916.7
50°	393.7	403.0	417.7	429.3	445.6	485.1	540.9	615.3	712.2	795.1	834.6
52.5°	344.8	356.5	368.1	378.2	389.0	416.9	468.1	532.4	616.1	701.3	750.1
55°	303.8	313.1	323.9	330.9	337.1	361.9	400.6	450.2	522.3	602.9	663.3
57.5°	270.4	274.3	283.6	287.5	294.5	314.6	342.5	386.7	444.8	523.1	572.7
60°	234.0	241.8	248.7	251.8	257.3	271.2	290.6	331.7	382.0	439.4	495.9
62.5°	204.6	207.7	213.1	217.0	220.9	235.6	251.8	282.8	320.8	368.9	420.8
65°	177.5	179.0	182.1	187.5	189.9	200.7	210.0	232.5	268.1	304.5	356.5
67.5°	149.6	151.1	155.0	158.1	160.4	167.4	177.5	193.7	213.1	253.4	282.1
70°	127.9	127.9	130.2	131.7	134.1	137.2	142.6	155.0	172.8	198.4	224.7
72.5°	106.9	106.9	106.9	109.3	109.3	111.6	114.7	123.2	135.6	155.8	172.8
75°	82.9	83.7	85.2	85.2	86.0	89.1	91.4	93.8	100.0	113.1	128.6
77.5°	62.8	64.3	65.1	63.5	65.1	65.1	68.2	71.3	74.4	78.3	89.9
80°	46.5	47.3	45.7	46.5	46.5	48.0	49.6	48.8	50.4	55.0	58.1
82.5°	31.0	31.8	31.8	31.8	31.8	34.1	34.1	33.3	34.1	34.9	35.6
85°	19.4	18.6	18.6	19.4	18.6	18.6	19.4	20.1	19.4	20.1	20.9
87.5°	8.5	8.5	8.5	8.5	7.7	7.7	8.5	7.7	8.5	7.7	7.0
90°	28.8	28.3	27.9	27.7	27.0	25.7	24.4	23.0	21.7	19.9	18.2
92.5°	26.7	26.7	26.7	26.7	26.0	24.7	23.4	22.1	20.8	19.0	17.2
95°	28.3	28.0	27.8	27.7	27.0	25.7	24.4	23.0	21.7	21.5	21.3
97.5°	27.3	27.0	26.8	26.7	26.1	25.0	23.9	22.8	21.7	44.8	67.8
100°	27.3	27.0	26.8	26.7	28.6	32.3	36.0	39.8	43.5	73.8	104.1
102.5°	28.7	28.7	28.7	28.7	53.4	102.8	152.2	201.6	251.0	248.4	245.7
105°	297.4	305.3	313.2	317.2	316.2	314.2	312.3	310.3	308.3	307.2	306.1
107.5°	378.7	377.8	376.9	376.5	376.0	374.9	373.8	372.7	371.6	370.0	368.5
110°	439.4	438.8	438.1	437.8	437.6	437.1	436.7	436.2	435.8	434.5	433.2

TEST NUMBER: P1013349

CATALOG NUMBER: S124RDIP-B575D1035UB2750-4F0-XX-W2A-A_3000K

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	499.3	498.4	497.5	497.1	497.2	497.4	497.6	497.8	498.0	497.6	497.2
115°	559.3	559.3	559.3	559.3	559.1	558.6	558.2	557.7	557.3	557.5	557.7
117.5°	619.6	619.6	619.6	619.6	619.7	619.9	620.2	620.4	620.6	619.9	619.3
120°	676.8	677.2	677.7	677.9	677.7	677.2	676.8	676.3	675.9	676.1	676.3
122.5°	732.1	732.6	733.0	733.2	733.1	732.9	732.6	732.4	732.2	731.8	731.4
125°	786.2	785.9	785.7	785.6	785.3	784.6	783.9	783.3	782.6	783.0	783.5
127.5°	835.4	835.7	835.9	836.0	836.1	836.3	836.6	836.8	837.0	835.9	834.8
130°	884.4	884.4	884.4	884.4	884.3	884.1	883.8	883.6	883.4	882.8	882.1
132.5°	930.3	930.6	930.8	930.9	930.8	930.6	930.3	930.1	929.9	929.0	928.1
135°	974.5	974.0	973.6	973.4	973.2	972.7	972.3	971.8	971.4	970.5	969.6
137.5°	1014.3	1014.6	1014.8	1014.9	1014.7	1014.2	1013.8	1013.3	1012.9	1011.8	1010.7
140°	1054.0	1053.7	1053.5	1053.4	1053.1	1052.4	1051.7	1051.1	1050.4	1050.0	1049.6
142.5°	1088.0	1088.0	1088.0	1088.0	1087.8	1087.3	1086.9	1086.4	1086.0	1085.8	1085.6
145°	1121.7	1121.3	1120.8	1120.6	1120.5	1120.3	1120.0	1119.8	1119.6	1119.6	1119.6
147.5°	1150.8	1150.5	1150.3	1150.2	1150.1	1149.9	1149.7	1149.5	1149.3	1149.5	1149.7
150°	1178.5	1178.2	1178.0	1177.9	1177.9	1177.9	1177.9	1177.9	1177.9	1178.1	1178.3
152.5°	1203.0	1203.3	1203.5	1203.6	1203.4	1202.9	1202.5	1202.0	1201.6	1202.0	1202.5
155°	1224.7	1225.3	1226.0	1226.3	1225.9	1225.0	1224.1	1223.3	1222.4	1223.1	1223.7
157.5°	1243.4	1244.5	1245.6	1246.1	1245.6	1244.5	1243.4	1242.3	1241.2	1242.1	1242.9
160°	1261.6	1262.9	1264.2	1264.9	1264.2	1262.9	1261.6	1260.2	1258.9	1259.1	1259.3
162.5°	1275.9	1277.4	1278.9	1279.7	1279.0	1277.7	1276.4	1275.1	1273.8	1274.0	1274.2
165°	1289.6	1291.5	1293.5	1294.5	1293.6	1291.9	1290.1	1288.4	1286.6	1286.6	1286.6
167.5°	1299.9	1302.1	1304.3	1305.4	1304.4	1302.4	1300.5	1298.5	1296.5	1296.7	1296.9
170°	1308.8	1311.0	1313.2	1314.3	1313.4	1311.7	1309.9	1308.2	1306.4	1306.2	1306.0
172.5°	1314.1	1316.6	1319.0	1320.2	1319.3	1317.6	1315.8	1314.1	1312.3	1312.1	1311.9
175°	1318.6	1321.2	1323.9	1325.2	1324.2	1322.2	1320.3	1318.3	1316.3	1316.1	1315.9
177.5°	1320.5	1323.2	1325.8	1327.1	1326.2	1324.5	1322.7	1321.0	1319.2	1318.8	1318.4
180°	1321.2	1321.2	1321.2	1321.2	1321.2	1321.2	1321.2	1321.2	1321.2	1321.2	1321.2

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CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
0°	961.7	961.7	961.7	961.7	961.7	961.7	961.7	961.7	961.7	961.7	961.7
2.5°	986.5	982.6	980.3	979.5	972.5	968.6	966.3	964.8	962.4	956.2	950.8
5°	1023.7	1012.8	1007.4	1001.2	990.3	977.9	967.9	961.7	953.9	941.5	929.9
7.5°	1058.5	1042.3	1031.4	1022.9	1004.3	984.1	967.9	954.7	940.0	922.9	906.7
10°	1095.0	1068.6	1054.7	1041.5	1014.4	988.0	964.8	945.4	924.5	902.0	884.2
12.5°	1123.6	1088.8	1073.3	1054.7	1021.3	990.3	960.9	934.6	907.4	883.4	857.8
15°	1157.0	1113.6	1095.7	1071.7	1026.0	985.7	947.7	919.1	891.2	855.5	828.4
17.5°	1176.3	1126.0	1100.4	1079.5	1029.9	981.0	936.9	901.2	868.7	833.0	804.4
20°	1195.7	1138.4	1109.7	1080.2	1021.3	969.4	922.9	880.3	846.2	807.5	778.0
22.5°	1201.9	1135.3	1105.0	1077.9	1015.9	957.8	904.3	860.9	821.4	782.7	749.3
25°	1201.9	1134.5	1098.8	1064.0	998.9	939.2	885.7	838.5	794.3	755.5	722.2
27.5°	1189.5	1119.0	1081.8	1050.0	982.6	918.3	863.3	811.3	768.7	730.0	692.0
30°	1174.0	1096.5	1059.3	1021.3	956.2	895.0	835.4	787.3	742.4	698.2	664.1
32.5°	1154.6	1072.5	1031.4	992.7	923.7	860.2	805.1	757.9	715.3	669.5	631.6
35°	1126.7	1036.8	991.1	957.0	890.4	824.5	771.8	725.3	684.3	637.0	595.9
37.5°	1091.1	1004.3	957.8	916.0	847.0	786.5	736.9	692.0	651.7	608.3	562.6
40°	1049.2	958.6	918.3	874.1	801.3	743.9	697.4	657.1	616.8	575.8	531.6
42.5°	1002.0	912.1	867.1	824.5	754.8	698.2	654.8	618.4	581.2	543.2	495.9
45°	945.4	860.9	817.5	777.2	709.8	651.7	612.2	577.3	545.5	506.8	465.0
47.5°	881.9	808.2	764.1	720.7	654.8	604.4	565.7	536.2	509.1	470.4	432.4
50°	819.9	747.0	711.4	667.2	606.8	559.5	520.0	495.2	474.3	436.3	402.2
52.5°	741.6	686.6	652.5	614.5	556.4	508.3	477.4	455.7	430.9	401.4	371.2
55°	672.6	621.5	594.4	558.7	501.4	458.8	432.4	412.3	392.9	366.5	342.5
57.5°	594.4	562.6	535.5	504.5	447.9	411.5	388.2	371.2	353.4	331.7	312.3
60°	512.2	497.5	471.2	446.4	398.3	366.5	347.2	331.7	314.6	296.8	280.5
62.5°	439.4	430.9	415.4	396.0	351.0	323.9	304.5	292.9	280.5	264.2	248.7
65°	370.4	366.5	351.8	337.9	306.9	282.8	265.8	258.8	244.9	232.5	218.5
67.5°	309.2	304.5	296.0	289.8	263.5	241.0	232.5	223.2	211.6	202.3	190.6
70°	247.2	246.4	241.0	233.3	219.3	203.0	194.5	188.3	176.7	169.7	161.2
72.5°	192.2	196.1	191.4	188.3	179.0	167.4	159.6	155.8	146.5	141.0	134.8
75°	143.4	146.5	148.8	143.4	141.0	135.6	128.6	124.8	120.1	112.4	110.0
77.5°	97.6	104.6	104.6	106.2	106.9	103.8	98.4	95.3	89.9	88.3	85.2
80°	64.3	70.5	71.3	72.8	75.2	75.2	71.3	70.5	65.1	64.3	62.0
82.5°	37.2	42.6	45.7	48.0	47.3	50.4	47.3	46.5	43.4	43.4	41.8
85°	20.1	20.9	22.5	24.0	25.6	27.1	27.1	26.3	25.6	24.8	23.2
87.5°	7.7	7.7	8.5	7.7	8.5	10.1	10.8	10.8	10.1	9.3	7.7
90°	16.4	14.7	13.8	12.6	10.2	7.8	5.4	3.0	5.4	7.8	10.2
92.5°	15.5	13.7	12.8	13.0	13.5	13.9	14.4	14.8	14.4	13.9	13.5
95°	21.1	20.9	20.8	24.5	32.0	39.5	46.9	54.4	46.9	39.5	32.0
97.5°	90.9	114.0	125.5	123.1	118.3	113.4	108.6	103.8	108.6	113.4	118.3
100°	134.4	164.7	179.8	177.8	173.9	170.0	166.0	162.1	166.0	170.0	173.9
102.5°	243.1	240.4	239.1	237.8	235.2	232.5	229.9	227.3	229.9	232.5	235.2
105°	305.0	303.9	303.4	302.7	301.4	300.1	298.7	297.4	298.7	300.1	301.4
107.5°	366.9	365.4	364.6	364.3	363.6	363.0	362.3	361.7	362.3	363.0	363.6
110°	431.9	430.6	429.9	429.6	428.9	428.2	427.6	426.9	427.6	428.2	428.9

TEST NUMBER: P1013349

CATALOG NUMBER: S124RDIP-B575D1035UB2750-4F0-XX-W2A-A_3000K

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
112.5°	496.7	496.3	496.1	495.4	494.1	492.8	491.4	490.1	491.4	492.8	494.1
115°	558.0	558.2	558.3	558.0	557.3	556.7	556.0	555.4	556.0	556.7	557.3
117.5°	618.6	617.9	617.6	617.2	616.3	615.4	614.6	613.7	614.6	615.4	616.3
120°	676.6	676.8	676.9	676.5	675.6	674.7	673.9	673.0	673.9	674.7	675.6
122.5°	730.9	730.5	730.3	730.1	729.6	729.2	728.7	728.3	728.7	729.2	729.6
125°	783.9	784.4	784.6	784.2	783.3	782.4	781.6	780.7	781.6	782.4	783.3
127.5°	833.7	832.6	832.1	832.0	831.8	831.5	831.3	831.1	831.3	831.5	831.8
130°	881.5	880.8	880.5	880.4	880.2	879.9	879.7	879.5	879.7	879.9	880.2
132.5°	927.2	926.3	925.9	925.7	925.3	924.8	924.4	924.0	924.4	924.8	925.3
135°	968.7	967.8	967.4	967.5	967.7	968.0	968.2	968.4	968.2	968.0	967.7
137.5°	1009.6	1008.5	1007.9	1007.9	1007.9	1007.9	1007.9	1007.9	1007.9	1007.9	1007.9
140°	1049.1	1048.7	1048.5	1048.3	1047.8	1047.4	1046.9	1046.5	1046.9	1047.4	1047.8
142.5°	1085.3	1085.1	1085.0	1084.6	1083.7	1082.8	1082.0	1081.1	1082.0	1082.8	1083.7
145°	1119.6	1119.6	1119.6	1119.3	1118.6	1117.9	1117.3	1116.6	1117.3	1117.9	1118.6
147.5°	1149.9	1150.1	1150.2	1149.5	1148.2	1146.9	1145.6	1144.3	1145.6	1146.9	1148.2
150°	1178.6	1178.8	1178.9	1178.5	1177.6	1176.7	1175.9	1175.0	1175.9	1176.7	1177.6
152.5°	1202.9	1203.4	1203.6	1203.3	1202.6	1201.9	1201.3	1200.6	1201.3	1201.9	1202.6
155°	1224.4	1225.1	1225.4	1225.3	1225.1	1224.8	1224.6	1224.4	1224.6	1224.8	1225.1
157.5°	1243.8	1244.7	1245.1	1245.1	1245.1	1245.1	1245.1	1245.1	1245.1	1245.1	1245.1
160°	1259.6	1259.8	1259.9	1260.2	1260.9	1261.6	1262.2	1262.9	1262.2	1261.6	1260.9
162.5°	1274.5	1274.7	1274.8	1275.2	1276.1	1277.0	1277.8	1278.7	1277.8	1277.0	1276.1
165°	1286.6	1286.6	1286.6	1287.2	1288.3	1289.4	1290.5	1291.6	1290.5	1289.4	1288.3
167.5°	1297.2	1297.4	1297.5	1298.0	1299.1	1300.2	1301.3	1302.4	1301.3	1300.2	1299.1
170°	1305.7	1305.5	1305.4	1306.1	1307.4	1308.7	1310.0	1311.3	1310.0	1308.7	1307.4
172.5°	1311.6	1311.4	1311.3	1312.0	1313.3	1314.6	1316.0	1317.3	1316.0	1314.6	1313.3
175°	1315.6	1315.4	1315.3	1316.0	1317.3	1318.6	1319.9	1321.2	1319.9	1318.6	1317.3
177.5°	1317.9	1317.5	1317.3	1318.1	1319.6	1321.1	1322.7	1324.2	1322.7	1321.1	1319.6
180°	1321.2	1321.2	1321.2	1321.2	1321.2	1321.2	1321.2	1321.2	1321.2	1321.2	1321.2

TEST NUMBER: P1013349

CATALOG NUMBER: S124RDIP-B575D1035UB2750-4F0-XX-W2A-A_3000K

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
0°	961.7	961.7	961.7	961.7	961.7	961.7	961.7	961.7	961.7	961.7	961.7
2.5°	946.2	944.6	943.1	936.9	931.5	922.2	914.4	911.3	910.5	911.3	909.0
5°	919.1	918.3	912.9	902.0	891.9	881.1	873.3	865.6	860.9	860.9	855.5
7.5°	893.5	888.1	883.4	869.5	857.8	843.1	831.5	824.5	820.6	812.1	812.1
10°	866.4	858.6	852.4	839.2	822.2	807.5	792.7	784.2	777.2	771.0	768.7
12.5°	839.2	833.0	821.4	807.5	790.4	771.8	756.3	750.1	733.8	720.7	721.4
15°	813.7	799.7	794.3	774.1	754.0	736.2	713.7	695.9	682.7	674.2	663.3
17.5°	785.0	771.0	761.0	743.9	717.6	689.7	668.0	644.0	630.8	616.1	609.1
20°	753.2	741.6	733.8	706.7	675.0	641.6	617.6	602.9	588.2	577.3	571.1
22.5°	726.1	711.4	702.1	665.7	630.8	597.5	578.9	566.5	554.1	544.8	541.7
25°	691.2	682.7	660.2	628.5	585.8	563.4	547.1	530.8	523.8	517.6	510.7
27.5°	662.6	641.6	626.1	584.3	557.9	532.4	516.1	503.7	495.2	489.0	483.5
30°	626.9	607.5	585.8	551.0	526.9	502.9	488.2	478.1	468.8	465.0	460.3
32.5°	589.7	571.9	551.0	523.1	493.6	475.0	463.4	452.6	446.4	442.5	437.1
35°	556.4	533.9	520.0	493.6	469.6	448.7	437.8	428.5	421.6	420.0	419.2
37.5°	520.7	503.7	490.5	463.4	443.3	425.4	415.4	405.3	401.4	400.6	397.5
40°	489.7	475.0	462.6	437.1	415.4	399.1	391.3	385.1	381.3	381.3	380.5
42.5°	462.6	447.1	434.7	411.5	392.1	377.4	368.9	362.7	361.1	361.9	361.1
45°	432.4	419.2	406.8	382.8	366.5	355.7	346.4	343.3	341.0	341.7	342.5
47.5°	403.7	392.9	380.5	361.1	342.5	330.9	325.5	322.4	322.4	322.4	323.9
50°	378.2	365.8	354.9	334.8	317.7	308.4	303.8	299.9	300.7	301.4	302.2
52.5°	347.9	337.1	329.3	309.2	296.8	285.2	279.7	280.5	279.7	279.7	281.3
55°	321.6	310.7	303.0	284.4	272.0	264.2	259.6	257.3	258.0	256.5	259.6
57.5°	292.1	282.8	277.4	259.6	248.7	241.8	237.9	234.0	235.6	234.8	234.0
60°	266.6	255.7	247.2	234.8	225.5	217.0	214.7	210.8	212.3	210.8	210.0
62.5°	237.1	228.6	222.4	210.0	202.3	195.3	189.9	187.5	186.8	184.4	182.1
65°	207.7	203.0	196.8	184.4	176.7	171.3	168.2	165.8	165.1	158.9	151.9
67.5°	180.6	177.5	171.3	162.0	155.0	149.6	144.9	141.0	136.4	131.7	127.9
70°	155.0	150.3	146.5	137.9	131.7	126.3	121.7	117.0	114.7	110.0	108.5
72.5°	130.2	125.5	121.7	113.9	108.5	103.1	101.5	96.1	93.8	93.0	93.0
75°	104.6	100.7	98.4	91.4	86.8	82.9	80.6	79.0	77.5	75.9	73.6
77.5°	79.8	77.5	75.9	71.3	67.4	65.1	64.3	58.9	57.3	55.8	54.2
80°	58.1	57.3	55.8	51.9	50.4	44.9	44.9	43.4	42.6	42.6	42.6
82.5°	39.5	38.0	37.2	33.3	32.5	31.8	31.0	30.2	31.0	30.2	31.0
85°	20.9	20.1	19.4	19.4	19.4	19.4	19.4	19.4	19.4	18.6	19.4
87.5°	7.7	7.7	7.7	7.7	7.0	7.7	7.7	7.0	7.7	7.7	7.7
90°	12.6	13.8	14.7	16.4	18.2	19.9	21.7	23.0	24.4	25.7	27.0
92.5°	13.0	12.8	13.7	15.5	17.2	19.0	20.8	22.1	23.4	24.7	26.0
95°	24.5	20.8	20.9	21.1	21.3	21.5	21.7	23.0	24.4	25.7	27.0
97.5°	123.1	125.5	114.0	90.9	67.8	44.8	21.7	22.8	23.9	25.0	26.1
100°	177.8	179.8	164.7	134.4	104.1	73.8	43.5	39.8	36.0	32.3	28.6
102.5°	237.8	239.1	240.4	243.1	245.7	248.4	251.0	201.6	152.2	102.8	53.4
105°	302.7	303.4	303.9	305.0	306.1	307.2	308.3	310.3	312.3	314.2	316.2
107.5°	364.3	364.6	365.4	366.9	368.5	370.0	371.6	372.7	373.8	374.9	376.0
110°	429.6	429.9	430.6	431.9	433.2	434.5	435.8	436.2	436.7	437.1	437.6

TEST NUMBER: P1013349

CATALOG NUMBER: S124RDIP-B575D1035UB2750-4F0-XX-W2A-A_3000K

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
112.5°	495.4	496.1	496.3	496.7	497.2	497.6	498.0	497.8	497.6	497.4	497.2
115°	558.0	558.3	558.2	558.0	557.7	557.5	557.3	557.7	558.2	558.6	559.1
117.5°	617.2	617.6	617.9	618.6	619.3	619.9	620.6	620.4	620.2	619.9	619.7
120°	676.5	676.9	676.8	676.6	676.3	676.1	675.9	676.3	676.8	677.2	677.7
122.5°	730.1	730.3	730.5	730.9	731.4	731.8	732.2	732.4	732.6	732.9	733.1
125°	784.2	784.6	784.4	783.9	783.5	783.0	782.6	783.3	783.9	784.6	785.3
127.5°	832.0	832.1	832.6	833.7	834.8	835.9	837.0	836.8	836.6	836.3	836.1
130°	880.4	880.5	880.8	881.5	882.1	882.8	883.4	883.6	883.8	884.1	884.3
132.5°	925.7	925.9	926.3	927.2	928.1	929.0	929.9	930.1	930.3	930.6	930.8
135°	967.5	967.4	967.8	968.7	969.6	970.5	971.4	971.8	972.3	972.7	973.2
137.5°	1007.9	1007.9	1008.5	1009.6	1010.7	1011.8	1012.9	1013.3	1013.8	1014.2	1014.7
140°	1048.3	1048.5	1048.7	1049.1	1049.6	1050.0	1050.4	1051.1	1051.7	1052.4	1053.1
142.5°	1084.6	1085.0	1085.1	1085.3	1085.6	1085.8	1086.0	1086.4	1086.9	1087.3	1087.8
145°	1119.3	1119.6	1119.6	1119.6	1119.6	1119.6	1119.6	1119.8	1120.0	1120.3	1120.5
147.5°	1149.5	1150.2	1150.1	1149.9	1149.7	1149.5	1149.3	1149.5	1149.7	1149.9	1150.1
150°	1178.5	1178.9	1178.8	1178.6	1178.3	1178.1	1177.9	1177.9	1177.9	1177.9	1177.9
152.5°	1203.3	1203.6	1203.4	1202.9	1202.5	1202.0	1201.6	1202.0	1202.5	1202.9	1203.4
155°	1225.3	1225.4	1225.1	1224.4	1223.7	1223.1	1222.4	1223.3	1224.1	1225.0	1225.9
157.5°	1245.1	1245.1	1244.7	1243.8	1242.9	1242.1	1241.2	1242.3	1243.4	1244.5	1245.6
160°	1260.2	1259.9	1259.8	1259.6	1259.3	1259.1	1258.9	1260.2	1261.6	1262.9	1264.2
162.5°	1275.2	1274.8	1274.7	1274.5	1274.2	1274.0	1273.8	1275.1	1276.4	1277.7	1279.0
165°	1287.2	1286.6	1286.6	1286.6	1286.6	1286.6	1286.6	1288.4	1290.1	1291.9	1293.6
167.5°	1298.0	1297.5	1297.4	1297.2	1296.9	1296.7	1296.5	1298.5	1300.5	1302.4	1304.4
170°	1306.1	1305.4	1305.5	1305.7	1306.0	1306.2	1306.4	1308.2	1309.9	1311.7	1313.4
172.5°	1312.0	1311.3	1311.4	1311.6	1311.9	1312.1	1312.3	1314.1	1315.8	1317.6	1319.3
175°	1316.0	1315.3	1315.4	1315.6	1315.9	1316.1	1316.3	1318.3	1320.3	1322.2	1324.2
177.5°	1318.1	1317.3	1317.5	1317.9	1318.4	1318.8	1319.2	1321.0	1322.7	1324.5	1326.2
180°	1321.2	1321.2	1321.2	1321.2	1321.2	1321.2	1321.2	1321.2	1321.2	1321.2	1321.2

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CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
0°	961.7	961.7	961.7	961.7	961.7	961.7	961.7	961.7	961.7	961.7	961.7
2.5°	909.0	912.1	908.2	910.5	905.1	904.3	905.1	905.1	905.9	906.7	907.4
5°	857.8	857.1	852.4	849.3	847.0	849.3	850.9	852.4	850.9	852.4	853.2
7.5°	809.8	807.5	805.1	799.7	801.3	799.7	804.4	802.0	802.0	805.9	809.0
10°	767.2	762.5	761.0	754.8	750.1	749.3	754.8	757.1	759.4	761.0	767.2
12.5°	712.2	705.2	699.8	702.1	688.9	694.3	695.9	692.8	702.1	712.9	706.7
15°	653.3	654.0	643.2	639.3	628.5	631.6	632.3	640.1	647.8	647.1	656.4
17.5°	609.9	605.2	595.9	595.1	590.5	592.8	592.0	598.2	595.9	599.8	607.5
20°	569.6	566.5	558.7	555.6	557.2	555.6	556.4	557.2	559.5	568.0	566.5
22.5°	537.8	533.9	533.9	530.0	525.4	523.8	527.7	530.0	533.1	534.7	538.6
25°	509.9	506.8	502.9	500.6	496.7	497.5	499.8	502.9	505.2	508.3	511.4
27.5°	481.2	481.2	477.4	476.6	475.0	474.3	477.4	478.9	478.9	481.2	484.3
30°	458.8	458.8	454.9	454.1	453.3	453.3	455.7	456.4	457.2	459.5	461.1
32.5°	437.1	436.3	434.7	435.5	434.7	435.5	435.5	436.3	437.8	438.6	441.7
35°	416.9	417.7	416.1	416.1	415.4	416.1	417.7	418.5	419.2	420.8	420.8
37.5°	397.5	399.1	398.3	400.6	400.6	400.6	400.6	402.2	402.2	402.2	401.4
40°	380.5	380.5	379.7	381.3	382.8	382.8	383.6	383.6	384.4	384.4	383.6
42.5°	361.1	362.7	365.0	365.8	367.3	366.5	368.9	368.1	368.9	367.3	365.8
45°	343.3	343.3	346.4	349.5	350.3	350.3	350.3	351.8	350.3	347.9	347.2
47.5°	323.9	325.5	327.0	330.9	331.7	331.7	331.7	331.7	330.1	330.1	330.1
50°	304.5	305.3	306.1	307.6	310.0	309.2	309.2	309.2	312.3	309.2	310.0
52.5°	281.3	282.1	282.8	285.9	285.2	285.2	285.9	285.9	288.3	287.5	285.9
55°	258.0	258.0	259.6	259.6	259.6	261.1	261.9	263.5	262.7	263.5	264.2
57.5°	234.8	233.3	232.5	232.5	234.8	234.0	234.8	234.8	237.9	239.4	240.2
60°	207.7	207.7	206.9	202.3	202.3	201.5	203.8	205.4	206.9	213.9	213.1
62.5°	179.8	176.7	173.6	174.4	169.7	172.0	170.5	172.0	176.7	182.1	182.9
65°	151.9	149.6	146.5	145.7	144.1	146.5	145.7	146.5	148.8	151.9	155.8
67.5°	127.1	126.3	124.8	124.0	124.0	124.0	125.5	125.5	126.3	128.6	131.0
70°	108.5	107.7	108.5	106.9	107.7	106.9	107.7	108.5	109.3	110.0	112.4
72.5°	91.4	91.4	91.4	89.9	91.4	90.7	90.7	91.4	92.2	93.0	94.5
75°	72.8	71.3	69.7	68.2	67.4	69.0	69.7	69.0	71.3	74.4	74.4
77.5°	55.0	54.2	54.2	54.2	55.0	54.2	55.8	55.0	55.8	55.8	57.3
80°	42.6	41.8	42.6	42.6	41.8	43.4	42.6	42.6	43.4	44.2	43.4
82.5°	31.0	31.8	31.0	31.0	31.0	32.5	31.0	31.0	31.0	31.8	31.8
85°	19.4	19.4	19.4	19.4	20.1	19.4	20.1	19.4	20.9	20.1	20.1
87.5°	7.0	7.7	8.5	8.5	8.5	8.5	7.7	8.5	9.3	8.5	9.3
90°	27.7	27.9	28.3	28.8	29.2	29.6	29.2	28.8	28.3	27.9	27.7
92.5°	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7
95°	27.7	27.8	28.0	28.3	28.5	28.7	28.5	28.3	28.0	27.8	27.7
97.5°	26.7	26.8	27.0	27.3	27.5	27.7	27.5	27.3	27.0	26.8	26.7
100°	26.7	26.8	27.0	27.3	27.5	27.7	27.5	27.3	27.0	26.8	26.7
102.5°	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7
105°	317.2	313.2	305.3	297.4	289.5	281.6	289.5	297.4	305.3	313.2	317.2
107.5°	376.5	376.9	377.8	378.7	379.6	380.5	379.6	378.7	377.8	376.9	376.5
110°	437.8	438.1	438.8	439.4	440.1	440.7	440.1	439.4	438.8	438.1	437.8

TEST NUMBER: P1013349

CATALOG NUMBER: S124RDIP-B575D1035UB2750-4F0-XX-W2A-A_3000K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
112.5°	497.1	497.5	498.4	499.3	500.1	501.0	500.1	499.3	498.4	497.5	497.1
115°	559.3	559.3	559.3	559.3	559.3	559.3	559.3	559.3	559.3	559.3	559.3
117.5°	619.6	619.6	619.6	619.6	619.6	619.6	619.6	619.6	619.6	619.6	619.6
120°	677.9	677.7	677.2	676.8	676.3	675.9	676.3	676.8	677.2	677.7	677.9
122.5°	733.2	733.0	732.6	732.1	731.7	731.3	731.7	732.1	732.6	733.0	733.2
125°	785.6	785.7	785.9	786.2	786.4	786.6	786.4	786.2	785.9	785.7	785.6
127.5°	836.0	835.9	835.7	835.4	835.2	835.0	835.2	835.4	835.7	835.9	836.0
130°	884.4	884.4	884.4	884.4	884.4	884.4	884.4	884.4	884.4	884.4	884.4
132.5°	930.9	930.8	930.6	930.3	930.1	929.9	930.1	930.3	930.6	930.8	930.9
135°	973.4	973.6	974.0	974.5	974.9	975.3	974.9	974.5	974.0	973.6	973.4
137.5°	1014.9	1014.8	1014.6	1014.3	1014.1	1013.9	1014.1	1014.3	1014.6	1014.8	1014.9
140°	1053.4	1053.5	1053.7	1054.0	1054.2	1054.4	1054.2	1054.0	1053.7	1053.5	1053.4
142.5°	1088.0	1088.0	1088.0	1088.0	1088.0	1088.0	1088.0	1088.0	1088.0	1088.0	1088.0
145°	1120.6	1120.8	1121.3	1121.7	1122.2	1122.6	1122.2	1121.7	1121.3	1120.8	1120.6
147.5°	1150.2	1150.3	1150.5	1150.8	1151.0	1151.2	1151.0	1150.8	1150.5	1150.3	1150.2
150°	1177.9	1178.0	1178.2	1178.5	1178.7	1178.9	1178.7	1178.5	1178.2	1178.0	1177.9
152.5°	1203.6	1203.5	1203.3	1203.0	1202.8	1202.6	1202.8	1203.0	1203.3	1203.5	1203.6
155°	1226.3	1226.0	1225.3	1224.7	1224.0	1223.4	1224.0	1224.7	1225.3	1226.0	1226.3
157.5°	1246.1	1245.6	1244.5	1243.4	1242.3	1241.2	1242.3	1243.4	1244.5	1245.6	1246.1
160°	1264.9	1264.2	1262.9	1261.6	1260.2	1258.9	1260.2	1261.6	1262.9	1264.2	1264.9
162.5°	1279.7	1278.9	1277.4	1275.9	1274.3	1272.8	1274.3	1275.9	1277.4	1278.9	1279.7
165°	1294.5	1293.5	1291.5	1289.6	1287.6	1285.6	1287.6	1289.6	1291.5	1293.5	1294.5
167.5°	1305.4	1304.3	1302.1	1299.9	1297.7	1295.5	1297.7	1299.9	1302.1	1304.3	1305.4
170°	1314.3	1313.2	1311.0	1308.8	1306.6	1304.4	1306.6	1308.8	1311.0	1313.2	1314.3
172.5°	1320.2	1319.0	1316.6	1314.1	1311.7	1309.3	1311.7	1314.1	1316.6	1319.0	1320.2
175°	1325.2	1323.9	1321.2	1318.6	1315.9	1313.3	1315.9	1318.6	1321.2	1323.9	1325.2
177.5°	1327.1	1325.8	1323.2	1320.5	1317.9	1315.3	1317.9	1320.5	1323.2	1325.8	1327.1
180°	1321.2	1321.2	1321.2	1321.2	1321.2	1321.2	1321.2	1321.2	1321.2	1321.2	1321.2

TEST NUMBER: P1013349

CATALOG NUMBER: S124RDIP-B575D1035UB2750-4F0-XX-W2A-A_3000K

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
0°	961.7	961.7	961.7	961.7	961.7	961.7	961.7	961.7	961.7	961.7	961.7
2.5°	910.5	914.4	912.9	907.4	909.8	914.4	919.1	925.3	929.1	932.2	933.8
5°	857.1	864.0	862.5	862.5	865.6	873.3	881.1	894.3	898.9	904.3	912.1
7.5°	809.8	815.2	819.9	821.4	826.1	836.1	846.2	860.9	872.6	878.8	883.4
10°	767.9	771.8	778.8	782.7	787.3	799.7	814.4	829.9	841.6	852.4	858.6
12.5°	714.5	730.0	739.3	745.5	751.7	770.3	781.9	798.9	812.9	823.0	832.3
15°	654.8	673.4	678.8	702.9	718.3	733.1	750.9	771.0	784.2	795.8	808.2
17.5°	604.4	617.6	623.8	649.4	662.6	685.8	711.4	736.9	757.1	765.6	778.0
20°	572.7	579.6	592.0	600.6	614.5	641.6	669.5	700.5	730.7	739.3	751.7
22.5°	540.1	549.4	557.9	569.6	580.4	599.0	626.9	661.0	693.6	709.1	723.8
25°	510.7	520.0	525.4	537.8	547.9	566.5	585.8	620.7	659.5	672.6	695.9
27.5°	487.4	492.8	502.1	507.6	519.2	536.2	554.1	580.4	618.4	640.9	663.3
30°	464.2	468.1	475.8	483.5	492.1	503.7	523.8	549.4	584.3	603.7	626.1
32.5°	440.9	447.1	451.8	457.2	466.5	480.4	494.4	519.2	547.1	568.8	591.3
35°	421.6	423.9	430.1	436.3	442.5	454.9	469.6	493.6	518.4	535.5	555.6
37.5°	400.6	404.5	409.2	411.5	421.6	429.3	444.8	463.4	492.8	503.7	523.8
40°	384.4	383.6	388.2	392.1	396.8	409.2	418.5	438.6	461.9	478.9	491.3
42.5°	364.2	364.2	365.8	370.4	376.6	384.4	395.2	412.3	436.3	448.7	463.4
45°	347.9	345.6	346.4	349.5	353.4	361.1	372.0	386.7	410.7	420.8	436.3
47.5°	328.6	326.2	326.2	329.3	332.4	337.9	346.4	363.4	382.8	396.0	407.6
50°	306.9	307.6	306.9	309.2	310.7	316.2	325.5	339.4	357.2	368.1	381.3
52.5°	286.7	285.2	284.4	285.9	289.0	292.9	303.0	315.4	332.4	343.3	354.9
55°	261.9	263.5	263.5	263.5	268.1	269.7	277.4	289.8	306.9	315.4	326.2
57.5°	239.4	238.7	240.2	239.4	243.3	248.7	254.9	264.2	281.3	289.8	299.9
60°	214.7	215.4	216.2	216.2	219.3	224.7	231.7	240.2	254.2	262.7	272.0
62.5°	184.4	188.3	192.2	193.7	198.4	202.3	206.9	216.2	228.6	234.8	243.3
65°	155.8	161.2	166.6	170.5	173.6	177.5	183.7	192.2	202.3	208.5	217.0
67.5°	131.0	134.8	141.8	145.7	151.9	156.5	160.4	167.4	179.8	182.1	189.1
70°	113.1	114.7	117.8	120.9	127.9	131.7	136.4	143.4	152.7	158.1	162.0
72.5°	95.3	96.1	97.6	100.7	103.8	108.5	113.9	120.1	128.6	131.0	136.4
75°	75.9	80.6	80.6	82.9	85.2	87.6	92.2	98.4	103.8	107.7	110.8
77.5°	56.6	58.9	60.4	64.3	67.4	69.7	72.8	77.5	80.6	83.7	86.0
80°	44.2	44.9	45.7	45.7	47.3	50.4	53.5	56.6	60.4	62.0	64.3
82.5°	32.5	32.5	32.5	34.1	34.9	35.6	35.6	37.2	41.1	42.6	44.9
85°	20.9	20.9	20.9	20.9	21.7	22.5	23.2	24.0	24.0	24.0	25.6
87.5°	8.5	10.1	9.3	10.1	10.1	10.1	10.1	10.8	10.8	11.6	11.6
90°	27.0	25.7	24.4	23.0	21.7	19.9	18.2	16.4	14.7	13.8	12.6
92.5°	26.0	24.7	23.4	22.1	20.8	19.0	17.2	15.5	13.7	12.8	13.0
95°	27.0	25.7	24.4	23.0	21.7	21.5	21.3	21.1	20.9	20.8	24.5
97.5°	26.1	25.0	23.9	22.8	21.7	44.8	67.8	90.9	114.0	125.5	123.1
100°	28.6	32.3	36.0	39.8	43.5	73.8	104.1	134.4	164.7	179.8	177.8
102.5°	53.4	102.8	152.2	201.6	251.0	248.4	245.7	243.1	240.4	239.1	237.8
105°	316.2	314.2	312.3	310.3	308.3	307.2	306.1	305.0	303.9	303.4	302.7
107.5°	376.0	374.9	373.8	372.7	371.6	370.0	368.5	366.9	365.4	364.6	364.3
110°	437.6	437.1	436.7	436.2	435.8	434.5	433.2	431.9	430.6	429.9	429.6

TEST NUMBER: P1013349

CATALOG NUMBER: S124RDIP-B575D1035UB2750-4F0-XX-W2A-A_3000K

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
112.5°	497.2	497.4	497.6	497.8	498.0	497.6	497.2	496.7	496.3	496.1	495.4
115°	559.1	558.6	558.2	557.7	557.3	557.5	557.7	558.0	558.2	558.3	558.0
117.5°	619.7	619.9	620.2	620.4	620.6	619.9	619.3	618.6	617.9	617.6	617.2
120°	677.7	677.2	676.8	676.3	675.9	676.1	676.3	676.6	676.8	676.9	676.5
122.5°	733.1	732.9	732.6	732.4	732.2	731.8	731.4	730.9	730.5	730.3	730.1
125°	785.3	784.6	783.9	783.3	782.6	783.0	783.5	783.9	784.4	784.6	784.2
127.5°	836.1	836.3	836.6	836.8	837.0	835.9	834.8	833.7	832.6	832.1	832.0
130°	884.3	884.1	883.8	883.6	883.4	882.8	882.1	881.5	880.8	880.5	880.4
132.5°	930.8	930.6	930.3	930.1	929.9	929.0	928.1	927.2	926.3	925.9	925.7
135°	973.2	972.7	972.3	971.8	971.4	970.5	969.6	968.7	967.8	967.4	967.5
137.5°	1014.7	1014.2	1013.8	1013.3	1012.9	1011.8	1010.7	1009.6	1008.5	1007.9	1007.9
140°	1053.1	1052.4	1051.7	1051.1	1050.4	1050.0	1049.6	1049.1	1048.7	1048.5	1048.3
142.5°	1087.8	1087.3	1086.9	1086.4	1086.0	1085.8	1085.6	1085.3	1085.1	1085.0	1084.6
145°	1120.5	1120.3	1120.0	1119.8	1119.6	1119.6	1119.6	1119.6	1119.6	1119.6	1119.3
147.5°	1150.1	1149.9	1149.7	1149.5	1149.3	1149.5	1149.7	1149.9	1150.1	1150.2	1149.5
150°	1177.9	1177.9	1177.9	1177.9	1177.9	1178.1	1178.3	1178.6	1178.8	1178.9	1178.5
152.5°	1203.4	1202.9	1202.5	1202.0	1201.6	1202.0	1202.5	1202.9	1203.4	1203.6	1203.3
155°	1225.9	1225.0	1224.1	1223.3	1222.4	1223.1	1223.7	1224.4	1225.1	1225.4	1225.3
157.5°	1245.6	1244.5	1243.4	1242.3	1241.2	1242.1	1242.9	1243.8	1244.7	1245.1	1245.1
160°	1264.2	1262.9	1261.6	1260.2	1258.9	1259.1	1259.3	1259.6	1259.8	1259.9	1260.2
162.5°	1279.0	1277.7	1276.4	1275.1	1273.8	1274.0	1274.2	1274.5	1274.7	1274.8	1275.2
165°	1293.6	1291.9	1290.1	1288.4	1286.6	1286.6	1286.6	1286.6	1286.6	1286.6	1287.2
167.5°	1304.4	1302.4	1300.5	1298.5	1296.5	1296.7	1296.9	1297.2	1297.4	1297.5	1298.0
170°	1313.4	1311.7	1309.9	1308.2	1306.4	1306.2	1306.0	1305.7	1305.5	1305.4	1306.1
172.5°	1319.3	1317.6	1315.8	1314.1	1312.3	1312.1	1311.9	1311.6	1311.4	1311.3	1312.0
175°	1324.2	1322.2	1320.3	1318.3	1316.3	1316.1	1315.9	1315.6	1315.4	1315.3	1316.0
177.5°	1326.2	1324.5	1322.7	1321.0	1319.2	1318.8	1318.4	1317.9	1317.5	1317.3	1318.1
180°	1321.2	1321.2	1321.2	1321.2	1321.2	1321.2	1321.2	1321.2	1321.2	1321.2	1321.2

TEST NUMBER: P1013349

CATALOG NUMBER: S124RDIP-B575D1035UB2750-4F0-XX-W2A-A_3000K

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
0°	961.7	961.7	961.7	961.7
2.5°	940.0	944.6	952.4	963.2
5°	918.3	931.5	943.9	960.1
7.5°	898.9	914.4	931.5	954.7
10°	876.4	895.8	917.5	946.2
12.5°	850.1	877.2	902.0	933.0
15°	830.7	850.9	882.6	919.1
17.5°	803.6	830.7	862.5	903.6
20°	778.0	806.7	842.3	885.0
22.5°	750.9	783.4	819.1	864.8
25°	723.0	757.9	793.5	842.3
27.5°	697.4	729.2	769.5	819.1
30°	666.4	702.9	741.6	793.5
32.5°	636.2	674.2	713.7	765.6
35°	603.7	641.6	685.0	734.6
37.5°	571.9	613.7	653.3	701.3
40°	537.0	580.4	621.5	670.3
42.5°	502.9	547.9	588.9	630.8
45°	471.2	515.3	552.5	592.0
47.5°	440.9	480.4	518.4	554.1
50°	411.5	444.8	479.7	509.1
52.5°	380.5	412.3	440.2	466.5
55°	352.6	377.4	402.2	426.2
57.5°	319.3	344.1	365.8	384.4
60°	291.4	306.9	327.8	347.2
62.5°	259.6	277.4	293.7	306.1
65°	228.6	244.1	256.5	267.3
67.5°	202.3	211.6	220.9	232.5
70°	170.5	178.2	189.1	197.6
72.5°	143.4	149.6	155.0	165.1
75°	116.2	121.7	124.8	134.1
77.5°	89.9	95.3	97.6	103.1
80°	69.0	69.7	72.8	77.5
82.5°	47.3	48.8	49.6	53.5
85°	27.1	31.0	30.2	31.8
87.5°	11.6	12.4	13.9	15.5
90°	10.2	7.8	5.4	3.0
92.5°	13.5	13.9	14.4	14.8
95°	32.0	39.5	46.9	54.4
97.5°	118.3	113.4	108.6	103.8
100°	173.9	170.0	166.0	162.1
102.5°	235.2	232.5	229.9	227.3
105°	301.4	300.1	298.7	297.4
107.5°	363.6	363.0	362.3	361.7
110°	428.9	428.2	427.6	426.9

TEST NUMBER: P1013349

CATALOG NUMBER: S124RDIP-B575D1035UB2750-4F0-XX-W2A-A_3000K

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
112.5°	494.1	492.8	491.4	490.1
115°	557.3	556.7	556.0	555.4
117.5°	616.3	615.4	614.6	613.7
120°	675.6	674.7	673.9	673.0
122.5°	729.6	729.2	728.7	728.3
125°	783.3	782.4	781.6	780.7
127.5°	831.8	831.5	831.3	831.1
130°	880.2	879.9	879.7	879.5
132.5°	925.3	924.8	924.4	924.0
135°	967.7	968.0	968.2	968.4
137.5°	1007.9	1007.9	1007.9	1007.9
140°	1047.8	1047.4	1046.9	1046.5
142.5°	1083.7	1082.8	1082.0	1081.1
145°	1118.6	1117.9	1117.3	1116.6
147.5°	1148.2	1146.9	1145.6	1144.3
150°	1177.6	1176.7	1175.9	1175.0
152.5°	1202.6	1201.9	1201.3	1200.6
155°	1225.1	1224.8	1224.6	1224.4
157.5°	1245.1	1245.1	1245.1	1245.1
160°	1260.9	1261.6	1262.2	1262.9
162.5°	1276.1	1277.0	1277.8	1278.7
165°	1288.3	1289.4	1290.5	1291.6
167.5°	1299.1	1300.2	1301.3	1302.4
170°	1307.4	1308.7	1310.0	1311.3
172.5°	1313.3	1314.6	1316.0	1317.3
175°	1317.3	1318.6	1319.9	1321.2
177.5°	1319.6	1321.1	1322.7	1324.2
180°	1321.2	1321.2	1321.2	1321.2

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