

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: P1026476

Luminaire Tested: S124RDIP-B575D590UB30-4F0-XX-W2A-A1

Issue Date: 5/7/2025

Test Information

Test Method: LM-79-2019
Report Number: P1026476
REPORT IS A COMBINATION OF REPORTS P999556 AND P1007351
Test Lab: INNOVATION CENTER
Issue Date: 5/7/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: NEO-RAY
Catalog Number: S124RDIP-B575D590UB30-4F0-XX-W2A-A1
Description: Define 4 Regressed Direct/Indirect Pendant with 3000K BioUP LEDs {m-DER=0.589}
{m-EER=0.647}
Light Source: -
Ballast/Driver: -

Summary

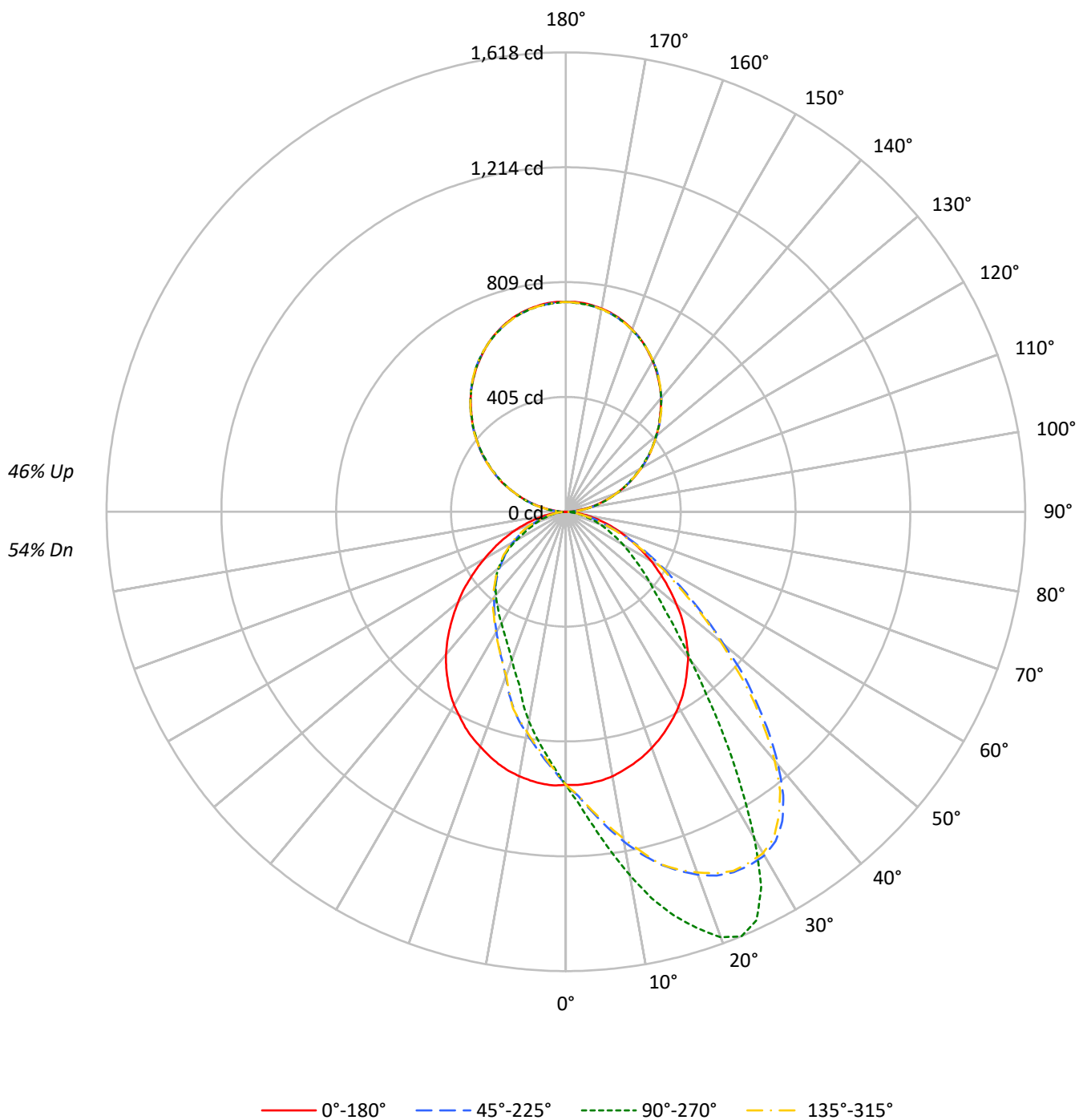
Lumens per Lamp: N/A
Luminaire Lumens: 4483.0 lumens
Efficiency: N/A
Efficacy: 113.8 lumens/watt
Spacing Criteria (0/90/45): 1.22 / 1.27 / 1.38
Luminous Opening: Rectangular w/ Sides (W: 0.33' x L: 4' x H: 0.1')
CIE Type: General Diffuse

Input Watts (W): 39.4
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	108	108	108	108	100	100	100	100	86	86	86	72	72	72	60	60	60
1	99	95	91	88	92	88	85	82	76	74	71	64	63	61	54	53	52
2	91	84	78	73	84	78	73	68	67	63	60	57	54	52	48	46	44
3	83	74	67	61	77	69	63	58	60	55	51	51	47	45	43	40	38
4	76	66	58	52	71	61	55	49	53	48	44	46	42	39	39	36	33
5	70	59	51	45	65	55	48	43	48	42	38	41	37	34	35	32	29
6	65	53	45	39	60	50	42	37	43	38	33	37	33	30	32	29	26
7	60	48	40	35	56	45	38	33	39	34	30	34	30	26	29	26	23
8	56	44	36	31	52	41	34	29	36	30	26	31	27	24	27	23	21
9	52	40	32	27	48	38	31	26	33	28	24	29	24	21	25	21	19
10	49	37	29	25	45	35	28	24	30	25	21	27	22	19	23	20	17

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	2.1
10°-20°	281.2	6.3
20°-30°	440.5	9.8
30°-40°	489.1	10.9
40°-50°	433.5	9.7
50°-60°	337.8	7.5
60°-70°	221.0	4.9
70°-80°	108.4	2.4
80°-90°	28.0	0.6
90°-100°	48.2	1.1
100°-110°	144.3	3.2
110°-120°	245.1	5.5
120°-130°	323.2	7.2
130°-140°	363.1	8.1
140°-150°	356.8	8.0
150°-160°	300.1	6.7
160°-170°	199.7	4.5
170°-180°	69.9	1.6
0°-30°	814.8	18.2
0°-40°	1304.0	29.1
0°-60°	2075.2	46.3
0°-90°	2432.6	54.3
90°-120°	437.5	9.8
90°-150°	1480.7	33.0
90°-180°	2050.0	45.7
0°-180°	4483.0	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°	2	17	2	17	2	5
95°	34	45	34	45	34	37
105°	133	140	133	140	133	141
115°	249	247	249	247	249	246
125°	363	360	363	360	363	323
135°	468	469	468	469	468	362
145°	569	569	569	569	569	356
155°	652	651	652	651	652	300
165°	709	708	709	708	709	200
175°	738	734	738	734	738	70
180°	739	739	739	739	739	

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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°	1.7	3.1	4.5	5.9	7.3	8.0	8.5	9.5	10.6	11.6	12.6
92.5°	14.9	16.5	18.2	19.8	21.5	22.3	22.6	23.2	23.9	24.5	25.1
95°	34.3	35.4	36.6	37.7	38.8	39.4	39.8	40.7	41.6	42.5	43.4
97.5°	54.9	55.9	56.9	57.9	58.9	59.4	59.9	60.9	62.0	63.0	64.0
100°	80.0	80.5	81.0	81.5	82.0	82.3	82.9	84.0	85.1	86.3	87.4
102.5°	106.3	106.4	106.6	106.7	106.8	106.9	107.4	108.4	109.4	110.4	111.4
105°	133.2	133.3	133.4	133.5	133.6	133.7	134.0	134.5	135.0	135.5	136.0
107.5°	161.2	161.3	161.4	161.5	161.6	161.7	161.8	161.9	162.0	162.2	162.3
110°	189.7	190.0	190.2	190.5	190.8	190.9	190.8	190.7	190.6	190.4	190.3

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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	219.5	219.5	219.5	219.5	219.5	219.5	219.4	219.1	218.8	218.6	218.3
115°	249.2	249.2	249.2	249.2	249.2	249.2	249.1	248.8	248.5	248.3	248.0
117.5°	277.2	277.2	277.2	277.2	277.2	277.2	277.1	277.0	276.9	276.7	276.6
120°	305.2	305.7	306.2	306.7	307.2	307.5	307.3	306.9	306.6	306.2	305.8
122.5°	334.3	334.4	334.6	334.7	334.8	334.9	334.8	334.7	334.6	334.4	334.3
125°	362.9	362.9	362.9	362.9	362.9	362.9	362.8	362.7	362.6	362.4	362.3
127.5°	388.6	389.0	389.4	389.8	390.2	390.4	390.3	390.0	389.7	389.5	389.2
130°	416.1	416.5	416.9	417.2	417.6	417.8	417.8	417.8	417.8	417.8	417.8
132.5°	444.1	444.3	444.6	444.8	445.1	445.2	445.1	445.0	444.9	444.8	444.7
135°	468.1	468.9	469.6	470.4	471.1	471.5	471.5	471.5	471.5	471.5	471.5
137.5°	494.9	495.3	495.7	496.1	496.5	496.7	496.8	497.1	497.3	497.6	497.8
140°	521.8	522.0	522.3	522.5	522.8	522.9	522.9	522.9	522.9	522.9	522.9
142.5°	546.4	546.6	546.9	547.1	547.4	547.5	547.4	547.3	547.2	547.1	547.0
145°	568.7	569.2	569.7	570.2	570.7	571.0	571.1	571.2	571.3	571.4	571.5
147.5°	591.5	592.1	592.8	593.4	594.1	594.4	594.3	594.2	594.1	593.9	593.8
150°	612.1	612.6	613.1	613.6	614.1	614.4	614.4	614.4	614.4	614.4	614.4
152.5°	631.5	631.8	632.0	632.3	632.6	632.7	632.8	632.9	633.0	633.2	633.3
155°	651.5	651.5	651.5	651.5	651.5	651.5	651.4	651.3	651.2	651.1	651.0
157.5°	668.7	668.4	668.2	667.9	667.6	667.5	667.5	667.5	667.5	667.5	667.5
160°	683.5	683.4	683.3	683.2	683.1	683.0	682.9	682.8	682.7	682.5	682.4
162.5°	697.3	696.9	696.5	696.2	695.8	695.6	695.5	695.4	695.3	695.1	695.0
165°	709.3	708.9	708.5	708.2	707.8	707.6	707.5	707.2	706.9	706.7	706.4
167.5°	719.0	718.5	718.0	717.5	717.0	716.7	716.7	716.7	716.7	716.7	716.7
170°	727.0	726.4	725.7	725.1	724.4	724.1	724.2	724.3	724.4	724.6	724.7
172.5°	732.7	732.2	731.7	731.2	730.7	730.4	730.4	730.4	730.4	730.4	730.4
175°	737.8	737.2	736.6	735.9	735.3	735.0	734.9	734.8	734.7	734.5	734.4
177.5°	740.1	739.5	738.9	738.2	737.6	737.3	737.3	737.3	737.3	737.3	737.3
180°	739.0	739.0	739.0	739.0	739.0	739.0	739.0	739.0	739.0	739.0	739.0

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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°	13.4	14.1	14.9	15.6	16.0	16.1	16.4	16.6	16.9	17.1	16.9
92.5°	25.5	25.9	26.3	26.7	26.9	27.0	27.1	27.2	27.3	27.4	27.3
95°	43.8	44.2	44.6	45.0	45.2	45.2	45.2	45.2	45.2	45.2	45.2
97.5°	64.5	65.0	65.5	66.0	66.3	66.3	66.3	66.3	66.3	66.3	66.3
100°	87.7	87.9	88.2	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.6
102.5°	111.8	112.2	112.6	113.0	113.2	113.3	113.4	113.5	113.6	113.7	113.6
105°	136.4	136.8	137.1	137.5	137.7	137.9	138.3	138.7	139.1	139.5	139.1
107.5°	162.8	163.3	163.8	164.3	164.6	164.5	164.4	164.3	164.1	164.0	164.1
110°	190.1	189.8	189.6	189.3	189.2	189.4	189.8	190.1	190.5	190.9	190.5

TEST NUMBER: P1026476

CATALOG NUMBER: S124RDIP-B575D590UB30-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	218.3	218.3	218.3	218.3	218.3	218.3	218.3	218.3	218.3	218.3	218.3
115°	247.9	247.8	247.7	247.6	247.5	247.4	247.3	247.2	247.0	246.9	247.0
117.5°	276.2	275.8	275.5	275.1	274.9	274.7	274.3	274.0	273.6	273.2	273.6
120°	305.2	304.5	303.9	303.2	302.9	303.0	303.3	303.6	303.8	304.1	303.8
122.5°	333.9	333.5	333.2	332.8	332.6	332.3	331.7	331.0	330.4	329.8	330.4
125°	362.1	361.8	361.6	361.3	361.2	361.1	360.8	360.6	360.3	360.1	360.3
127.5°	389.0	388.7	388.5	388.2	388.1	388.0	387.9	387.8	387.6	387.5	387.6
130°	417.5	417.3	417.0	416.7	416.6	416.4	415.9	415.4	414.9	414.4	414.9
132.5°	444.4	444.2	443.9	443.6	443.5	443.4	443.3	443.2	443.0	442.9	443.0
135°	471.3	471.0	470.8	470.5	470.4	470.2	469.8	469.5	469.1	468.7	469.1
137.5°	497.4	497.0	496.7	496.3	496.1	496.2	496.3	496.4	496.6	496.7	496.6
140°	522.8	522.7	522.6	522.5	522.4	522.3	522.2	522.1	521.9	521.8	521.9
142.5°	547.0	547.0	547.0	547.0	547.0	547.0	547.0	547.0	547.0	547.0	547.0
145°	571.4	571.3	571.2	571.1	571.0	570.8	570.4	570.0	569.6	569.2	569.6
147.5°	593.7	593.5	593.4	593.3	593.2	593.1	593.0	592.9	592.8	592.7	592.8
150°	614.4	614.4	614.4	614.4	614.4	614.3	614.2	614.1	613.9	613.8	613.9
152.5°	633.7	634.1	634.4	634.8	635.0	634.8	634.4	634.1	633.7	633.3	633.7
155°	651.5	652.0	652.5	653.0	653.3	653.0	652.5	652.0	651.5	651.0	651.5
157.5°	667.9	668.3	668.7	669.1	669.3	669.1	668.7	668.3	667.9	667.5	667.9
160°	682.8	683.2	683.5	683.9	684.1	683.8	683.2	682.5	681.9	681.3	681.9
162.5°	695.8	696.5	697.3	698.0	698.4	698.1	697.5	696.8	696.2	695.6	696.2
165°	707.2	707.9	708.7	709.4	709.8	709.6	709.1	708.6	708.1	707.6	708.1
167.5°	717.5	718.2	719.0	719.7	720.1	719.7	719.0	718.2	717.5	716.7	717.5
170°	725.5	726.2	727.0	727.7	728.1	727.7	726.8	725.9	725.0	724.1	725.0
172.5°	731.3	732.2	733.1	734.0	734.4	734.0	733.1	732.2	731.3	730.4	731.3
175°	735.3	736.2	737.1	738.0	738.4	738.0	737.1	736.2	735.3	734.4	735.3
177.5°	738.2	739.1	740.0	740.9	741.3	740.8	739.8	738.7	737.7	736.7	737.7
180°	739.0	739.0	739.0	739.0	739.0	739.0	739.0	739.0	739.0	739.0	739.0

TEST NUMBER: P1026476

CATALOG NUMBER: S124RDIP-B575D590UB30-4F0-XX-W2A-A1

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°	16.6	16.4	16.1	16.0	15.6	14.9	14.1	13.4	12.6	11.6	10.6
92.5°	27.2	27.1	27.0	26.9	26.7	26.3	25.9	25.5	25.1	24.5	23.9
95°	45.2	45.2	45.2	45.2	45.0	44.6	44.2	43.8	43.4	42.5	41.6
97.5°	66.3	66.3	66.3	66.3	66.0	65.5	65.0	64.5	64.0	63.0	62.0
100°	88.6	88.6	88.6	88.6	88.5	88.2	87.9	87.7	87.4	86.3	85.1
102.5°	113.5	113.4	113.3	113.2	113.0	112.6	112.2	111.8	111.4	110.4	109.4
105°	138.7	138.3	137.9	137.7	137.5	137.1	136.8	136.4	136.0	135.5	135.0
107.5°	164.3	164.4	164.5	164.6	164.3	163.8	163.3	162.8	162.3	162.2	162.0
110°	190.1	189.8	189.4	189.2	189.3	189.6	189.8	190.1	190.3	190.4	190.6

TEST NUMBER: P1026476

CATALOG NUMBER: S124RDIP-B575D590UB30-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	218.3	218.3	218.3	218.3	218.3	218.3	218.3	218.3	218.3	218.6	218.8
115°	247.2	247.3	247.4	247.5	247.6	247.7	247.8	247.9	248.0	248.3	248.5
117.5°	274.0	274.3	274.7	274.9	275.1	275.5	275.8	276.2	276.6	276.7	276.9
120°	303.6	303.3	303.0	302.9	303.2	303.9	304.5	305.2	305.8	306.2	306.6
122.5°	331.0	331.7	332.3	332.6	332.8	333.2	333.5	333.9	334.3	334.4	334.6
125°	360.6	360.8	361.1	361.2	361.3	361.6	361.8	362.1	362.3	362.4	362.6
127.5°	387.8	387.9	388.0	388.1	388.2	388.5	388.7	389.0	389.2	389.5	389.7
130°	415.4	415.9	416.4	416.6	416.7	417.0	417.3	417.5	417.8	417.8	417.8
132.5°	443.2	443.3	443.4	443.5	443.6	443.9	444.2	444.4	444.7	444.8	444.9
135°	469.5	469.8	470.2	470.4	470.5	470.8	471.0	471.3	471.5	471.5	471.5
137.5°	496.4	496.3	496.2	496.1	496.3	496.7	497.0	497.4	497.8	497.6	497.3
140°	522.1	522.2	522.3	522.4	522.5	522.6	522.7	522.8	522.9	522.9	522.9
142.5°	547.0	547.0	547.0	547.0	547.0	547.0	547.0	547.0	547.0	547.1	547.2
145°	570.0	570.4	570.8	571.0	571.1	571.2	571.3	571.4	571.5	571.4	571.3
147.5°	592.9	593.0	593.1	593.2	593.3	593.4	593.5	593.7	593.8	593.9	594.1
150°	614.1	614.2	614.3	614.4	614.4	614.4	614.4	614.4	614.4	614.4	614.4
152.5°	634.1	634.4	634.8	635.0	634.8	634.4	634.1	633.7	633.3	633.2	633.0
155°	652.0	652.5	653.0	653.3	653.0	652.5	652.0	651.5	651.0	651.1	651.2
157.5°	668.3	668.7	669.1	669.3	669.1	668.7	668.3	667.9	667.5	667.5	667.5
160°	682.5	683.2	683.8	684.1	683.9	683.5	683.2	682.8	682.4	682.5	682.7
162.5°	696.8	697.5	698.1	698.4	698.0	697.3	696.5	695.8	695.0	695.1	695.3
165°	708.6	709.1	709.6	709.8	709.4	708.7	707.9	707.2	706.4	706.7	706.9
167.5°	718.2	719.0	719.7	720.1	719.7	719.0	718.2	717.5	716.7	716.7	716.7
170°	725.9	726.8	727.7	728.1	727.7	727.0	726.2	725.5	724.7	724.6	724.4
172.5°	732.2	733.1	734.0	734.4	734.0	733.1	732.2	731.3	730.4	730.4	730.4
175°	736.2	737.1	738.0	738.4	738.0	737.1	736.2	735.3	734.4	734.5	734.7
177.5°	738.7	739.8	740.8	741.3	740.9	740.0	739.1	738.2	737.3	737.3	737.3
180°	739.0	739.0	739.0	739.0	739.0	739.0	739.0	739.0	739.0	739.0	739.0

TEST NUMBER: P1026476

CATALOG NUMBER: S124RDIP-B575D590UB30-4F0-XX-W2A-A1

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°	9.5	8.5	8.0	7.3	5.9	4.5	3.1	1.7	3.1	4.5	5.9
92.5°	23.2	22.6	22.3	21.5	19.8	18.2	16.5	14.9	16.5	18.2	19.8
95°	40.7	39.8	39.4	38.8	37.7	36.6	35.4	34.3	35.4	36.6	37.7
97.5°	60.9	59.9	59.4	58.9	57.9	56.9	55.9	54.9	55.9	56.9	57.9
100°	84.0	82.9	82.3	82.0	81.5	81.0	80.5	80.0	80.5	81.0	81.5
102.5°	108.4	107.4	106.9	106.8	106.7	106.6	106.4	106.3	106.4	106.6	106.7
105°	134.5	134.0	133.7	133.6	133.5	133.4	133.3	133.2	133.3	133.4	133.5
107.5°	161.9	161.8	161.7	161.6	161.5	161.4	161.3	161.2	161.3	161.4	161.5
110°	190.7	190.8	190.9	190.8	190.5	190.2	190.0	189.7	190.0	190.2	190.5

TEST NUMBER: P1026476

CATALOG NUMBER: S124RDIP-B575D590UB30-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
112.5°	219.1	219.4	219.5	219.5	219.5	219.5	219.5	219.5	219.5	219.5	219.5
115°	248.8	249.1	249.2	249.2	249.2	249.2	249.2	249.2	249.2	249.2	249.2
117.5°	277.0	277.1	277.2	277.2	277.2	277.2	277.2	277.2	277.2	277.2	277.2
120°	306.9	307.3	307.5	307.2	306.7	306.2	305.7	305.2	305.7	306.2	306.7
122.5°	334.7	334.8	334.9	334.8	334.7	334.6	334.4	334.3	334.4	334.6	334.7
125°	362.7	362.8	362.9	362.9	362.9	362.9	362.9	362.9	362.9	362.9	362.9
127.5°	390.0	390.3	390.4	390.2	389.8	389.4	389.0	388.6	389.0	389.4	389.8
130°	417.8	417.8	417.8	417.6	417.2	416.9	416.5	416.1	416.5	416.9	417.2
132.5°	445.0	445.1	445.2	445.1	444.8	444.6	444.3	444.1	444.3	444.6	444.8
135°	471.5	471.5	471.5	471.1	470.4	469.6	468.9	468.1	468.9	469.6	470.4
137.5°	497.1	496.8	496.7	496.5	496.1	495.7	495.3	494.9	495.3	495.7	496.1
140°	522.9	522.9	522.9	522.8	522.5	522.3	522.0	521.8	522.0	522.3	522.5
142.5°	547.3	547.4	547.5	547.4	547.1	546.9	546.6	546.4	546.6	546.9	547.1
145°	571.2	571.1	571.0	570.7	570.2	569.7	569.2	568.7	569.2	569.7	570.2
147.5°	594.2	594.3	594.4	594.1	593.4	592.8	592.1	591.5	592.1	592.8	593.4
150°	614.4	614.4	614.4	614.1	613.6	613.1	612.6	612.1	612.6	613.1	613.6
152.5°	632.9	632.8	632.7	632.6	632.3	632.0	631.8	631.5	631.8	632.0	632.3
155°	651.3	651.4	651.5	651.5	651.5	651.5	651.5	651.5	651.5	651.5	651.5
157.5°	667.5	667.5	667.5	667.6	667.9	668.2	668.4	668.7	668.4	668.2	667.9
160°	682.8	682.9	683.0	683.1	683.2	683.3	683.4	683.5	683.4	683.3	683.2
162.5°	695.4	695.5	695.6	695.8	696.2	696.5	696.9	697.3	696.9	696.5	696.2
165°	707.2	707.5	707.6	707.8	708.2	708.5	708.9	709.3	708.9	708.5	708.2
167.5°	716.7	716.7	716.7	717.0	717.5	718.0	718.5	719.0	718.5	718.0	717.5
170°	724.3	724.2	724.1	724.4	725.1	725.7	726.4	727.0	726.4	725.7	725.1
172.5°	730.4	730.4	730.4	730.7	731.2	731.7	732.2	732.7	732.2	731.7	731.2
175°	734.8	734.9	735.0	735.3	735.9	736.6	737.2	737.8	737.2	736.6	735.9
177.5°	737.3	737.3	737.3	737.6	738.2	738.9	739.5	740.1	739.5	738.9	738.2
180°	739.0	739.0	739.0	739.0	739.0	739.0	739.0	739.0	739.0	739.0	739.0

TEST NUMBER: P1026476

CATALOG NUMBER: S124RDIP-B575D590UB30-4F0-XX-W2A-A1

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°	7.3	8.0	8.5	9.5	10.6	11.6	12.6	13.4	14.1	14.9	15.6
92.5°	21.5	22.3	22.6	23.2	23.9	24.5	25.1	25.5	25.9	26.3	26.7
95°	38.8	39.4	39.8	40.7	41.6	42.5	43.4	43.8	44.2	44.6	45.0
97.5°	58.9	59.4	59.9	60.9	62.0	63.0	64.0	64.5	65.0	65.5	66.0
100°	82.0	82.3	82.9	84.0	85.1	86.3	87.4	87.7	87.9	88.2	88.5
102.5°	106.8	106.9	107.4	108.4	109.4	110.4	111.4	111.8	112.2	112.6	113.0
105°	133.6	133.7	134.0	134.5	135.0	135.5	136.0	136.4	136.8	137.1	137.5
107.5°	161.6	161.7	161.8	161.9	162.0	162.2	162.3	162.8	163.3	163.8	164.3
110°	190.8	190.9	190.8	190.7	190.6	190.4	190.3	190.1	189.8	189.6	189.3

TEST NUMBER: P1026476

CATALOG NUMBER: S124RDIP-B575D590UB30-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
112.5°	219.5	219.5	219.4	219.1	218.8	218.6	218.3	218.3	218.3	218.3	218.3
115°	249.2	249.2	249.1	248.8	248.5	248.3	248.0	247.9	247.8	247.7	247.6
117.5°	277.2	277.2	277.1	277.0	276.9	276.7	276.6	276.2	275.8	275.5	275.1
120°	307.2	307.5	307.3	306.9	306.6	306.2	305.8	305.2	304.5	303.9	303.2
122.5°	334.8	334.9	334.8	334.7	334.6	334.4	334.3	333.9	333.5	333.2	332.8
125°	362.9	362.9	362.8	362.7	362.6	362.4	362.3	362.1	361.8	361.6	361.3
127.5°	390.2	390.4	390.3	390.0	389.7	389.5	389.2	389.0	388.7	388.5	388.2
130°	417.6	417.8	417.8	417.8	417.8	417.8	417.8	417.5	417.3	417.0	416.7
132.5°	445.1	445.2	445.1	445.0	444.9	444.8	444.7	444.4	444.2	443.9	443.6
135°	471.1	471.5	471.5	471.5	471.5	471.5	471.5	471.3	471.0	470.8	470.5
137.5°	496.5	496.7	496.8	497.1	497.3	497.6	497.8	497.4	497.0	496.7	496.3
140°	522.8	522.9	522.9	522.9	522.9	522.9	522.9	522.8	522.7	522.6	522.5
142.5°	547.4	547.5	547.4	547.3	547.2	547.1	547.0	547.0	547.0	547.0	547.0
145°	570.7	571.0	571.1	571.2	571.3	571.4	571.5	571.4	571.3	571.2	571.1
147.5°	594.1	594.4	594.3	594.2	594.1	593.9	593.8	593.7	593.5	593.4	593.3
150°	614.1	614.4	614.4	614.4	614.4	614.4	614.4	614.4	614.4	614.4	614.4
152.5°	632.6	632.7	632.8	632.9	633.0	633.2	633.3	633.7	634.1	634.4	634.8
155°	651.5	651.5	651.4	651.3	651.2	651.1	651.0	651.5	652.0	652.5	653.0
157.5°	667.6	667.5	667.5	667.5	667.5	667.5	667.5	667.9	668.3	668.7	669.1
160°	683.1	683.0	682.9	682.8	682.7	682.5	682.4	682.8	683.2	683.5	683.9
162.5°	695.8	695.6	695.5	695.4	695.3	695.1	695.0	695.8	696.5	697.3	698.0
165°	707.8	707.6	707.5	707.2	706.9	706.7	706.4	707.2	707.9	708.7	709.4
167.5°	717.0	716.7	716.7	716.7	716.7	716.7	716.7	717.5	718.2	719.0	719.7
170°	724.4	724.1	724.2	724.3	724.4	724.6	724.7	725.5	726.2	727.0	727.7
172.5°	730.7	730.4	730.4	730.4	730.4	730.4	730.4	731.3	732.2	733.1	734.0
175°	735.3	735.0	734.9	734.8	734.7	734.5	734.4	735.3	736.2	737.1	738.0
177.5°	737.6	737.3	737.3	737.3	737.3	737.3	737.3	738.2	739.1	740.0	740.9
180°	739.0	739.0	739.0	739.0	739.0	739.0	739.0	739.0	739.0	739.0	739.0

TEST NUMBER: P1026476

CATALOG NUMBER: S124RDIP-B575D590UB30-4F0-XX-W2A-A1

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°	16.0	16.1	16.4	16.6	16.9	17.1	16.9	16.6	16.4	16.1	16.0
92.5°	26.9	27.0	27.1	27.2	27.3	27.4	27.3	27.2	27.1	27.0	26.9
95°	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2
97.5°	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
100°	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
102.5°	113.2	113.3	113.4	113.5	113.6	113.7	113.6	113.5	113.4	113.3	113.2
105°	137.7	137.9	138.3	138.7	139.1	139.5	139.1	138.7	138.3	137.9	137.7
107.5°	164.6	164.5	164.4	164.3	164.1	164.0	164.1	164.3	164.4	164.5	164.6
110°	189.2	189.4	189.8	190.1	190.5	190.9	190.5	190.1	189.8	189.4	189.2

TEST NUMBER: P1026476

CATALOG NUMBER: S124RDIP-B575D590UB30-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
112.5°	218.3	218.3	218.3	218.3	218.3	218.3	218.3	218.3	218.3	218.3	218.3
115°	247.5	247.4	247.3	247.2	247.0	246.9	247.0	247.2	247.3	247.4	247.5
117.5°	274.9	274.7	274.3	274.0	273.6	273.2	273.6	274.0	274.3	274.7	274.9
120°	302.9	303.0	303.3	303.6	303.8	304.1	303.8	303.6	303.3	303.0	302.9
122.5°	332.6	332.3	331.7	331.0	330.4	329.8	330.4	331.0	331.7	332.3	332.6
125°	361.2	361.1	360.8	360.6	360.3	360.1	360.3	360.6	360.8	361.1	361.2
127.5°	388.1	388.0	387.9	387.8	387.6	387.5	387.6	387.8	387.9	388.0	388.1
130°	416.6	416.4	415.9	415.4	414.9	414.4	414.9	415.4	415.9	416.4	416.6
132.5°	443.5	443.4	443.3	443.2	443.0	442.9	443.0	443.2	443.3	443.4	443.5
135°	470.4	470.2	469.8	469.5	469.1	468.7	469.1	469.5	469.8	470.2	470.4
137.5°	496.1	496.2	496.3	496.4	496.6	496.7	496.6	496.4	496.3	496.2	496.1
140°	522.4	522.3	522.2	522.1	521.9	521.8	521.9	522.1	522.2	522.3	522.4
142.5°	547.0	547.0	547.0	547.0	547.0	547.0	547.0	547.0	547.0	547.0	547.0
145°	571.0	570.8	570.4	570.0	569.6	569.2	569.6	570.0	570.4	570.8	571.0
147.5°	593.2	593.1	593.0	592.9	592.8	592.7	592.8	592.9	593.0	593.1	593.2
150°	614.4	614.3	614.2	614.1	613.9	613.8	613.9	614.1	614.2	614.3	614.4
152.5°	635.0	634.8	634.4	634.1	633.7	633.3	633.7	634.1	634.4	634.8	635.0
155°	653.3	653.0	652.5	652.0	651.5	651.0	651.5	652.0	652.5	653.0	653.3
157.5°	669.3	669.1	668.7	668.3	667.9	667.5	667.9	668.3	668.7	669.1	669.3
160°	684.1	683.8	683.2	682.5	681.9	681.3	681.9	682.5	683.2	683.8	684.1
162.5°	698.4	698.1	697.5	696.8	696.2	695.6	696.2	696.8	697.5	698.1	698.4
165°	709.8	709.6	709.1	708.6	708.1	707.6	708.1	708.6	709.1	709.6	709.8
167.5°	720.1	719.7	719.0	718.2	717.5	716.7	717.5	718.2	719.0	719.7	720.1
170°	728.1	727.7	726.8	725.9	725.0	724.1	725.0	725.9	726.8	727.7	728.1
172.5°	734.4	734.0	733.1	732.2	731.3	730.4	731.3	732.2	733.1	734.0	734.4
175°	738.4	738.0	737.1	736.2	735.3	734.4	735.3	736.2	737.1	738.0	738.4
177.5°	741.3	740.8	739.8	738.7	737.7	736.7	737.7	738.7	739.8	740.8	741.3
180°	739.0	739.0	739.0	739.0	739.0	739.0	739.0	739.0	739.0	739.0	739.0

TEST NUMBER: P1026476

CATALOG NUMBER: S124RDIP-B575D590UB30-4F0-XX-W2A-A1

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°	15.6	14.9	14.1	13.4	12.6	11.6	10.6	9.5	8.5	8.0	7.3
92.5°	26.7	26.3	25.9	25.5	25.1	24.5	23.9	23.2	22.6	22.3	21.5
95°	45.0	44.6	44.2	43.8	43.4	42.5	41.6	40.7	39.8	39.4	38.8
97.5°	66.0	65.5	65.0	64.5	64.0	63.0	62.0	60.9	59.9	59.4	58.9
100°	88.5	88.2	87.9	87.7	87.4	86.3	85.1	84.0	82.9	82.3	82.0
102.5°	113.0	112.6	112.2	111.8	111.4	110.4	109.4	108.4	107.4	106.9	106.8
105°	137.5	137.1	136.8	136.4	136.0	135.5	135.0	134.5	134.0	133.7	133.6
107.5°	164.3	163.8	163.3	162.8	162.3	162.2	162.0	161.9	161.8	161.7	161.6
110°	189.3	189.6	189.8	190.1	190.3	190.4	190.6	190.7	190.8	190.9	190.8

TEST NUMBER: P1026476

CATALOG NUMBER: S124RDIP-B575D590UB30-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
112.5°	218.3	218.3	218.3	218.3	218.3	218.6	218.8	219.1	219.4	219.5	219.5
115°	247.6	247.7	247.8	247.9	248.0	248.3	248.5	248.8	249.1	249.2	249.2
117.5°	275.1	275.5	275.8	276.2	276.6	276.7	276.9	277.0	277.1	277.2	277.2
120°	303.2	303.9	304.5	305.2	305.8	306.2	306.6	306.9	307.3	307.5	307.2
122.5°	332.8	333.2	333.5	333.9	334.3	334.4	334.6	334.7	334.8	334.9	334.8
125°	361.3	361.6	361.8	362.1	362.3	362.4	362.6	362.7	362.8	362.9	362.9
127.5°	388.2	388.5	388.7	389.0	389.2	389.5	389.7	390.0	390.3	390.4	390.2
130°	416.7	417.0	417.3	417.5	417.8	417.8	417.8	417.8	417.8	417.8	417.6
132.5°	443.6	443.9	444.2	444.4	444.7	444.8	444.9	445.0	445.1	445.2	445.1
135°	470.5	470.8	471.0	471.3	471.5	471.5	471.5	471.5	471.5	471.5	471.1
137.5°	496.3	496.7	497.0	497.4	497.8	497.6	497.3	497.1	496.8	496.7	496.5
140°	522.5	522.6	522.7	522.8	522.9	522.9	522.9	522.9	522.9	522.9	522.8
142.5°	547.0	547.0	547.0	547.0	547.0	547.1	547.2	547.3	547.4	547.5	547.4
145°	571.1	571.2	571.3	571.4	571.5	571.4	571.3	571.2	571.1	571.0	570.7
147.5°	593.3	593.4	593.5	593.7	593.8	593.9	594.1	594.2	594.3	594.4	594.1
150°	614.4	614.4	614.4	614.4	614.4	614.4	614.4	614.4	614.4	614.4	614.1
152.5°	634.8	634.4	634.1	633.7	633.3	633.2	633.0	632.9	632.8	632.7	632.6
155°	653.0	652.5	652.0	651.5	651.0	651.1	651.2	651.3	651.4	651.5	651.5
157.5°	669.1	668.7	668.3	667.9	667.5	667.5	667.5	667.5	667.5	667.5	667.6
160°	683.9	683.5	683.2	682.8	682.4	682.5	682.7	682.8	682.9	683.0	683.1
162.5°	698.0	697.3	696.5	695.8	695.0	695.1	695.3	695.4	695.5	695.6	695.8
165°	709.4	708.7	707.9	707.2	706.4	706.7	706.9	707.2	707.5	707.6	707.8
167.5°	719.7	719.0	718.2	717.5	716.7	716.7	716.7	716.7	716.7	716.7	717.0
170°	727.7	727.0	726.2	725.5	724.7	724.6	724.4	724.3	724.2	724.1	724.4
172.5°	734.0	733.1	732.2	731.3	730.4	730.4	730.4	730.4	730.4	730.4	730.7
175°	738.0	737.1	736.2	735.3	734.4	734.5	734.7	734.8	734.9	735.0	735.3
177.5°	740.9	740.0	739.1	738.2	737.3	737.3	737.3	737.3	737.3	737.3	737.6
180°	739.0	739.0	739.0	739.0	739.0	739.0	739.0	739.0	739.0	739.0	739.0

TEST NUMBER: P1026476

CATALOG NUMBER: S124RDIP-B575D590UB30-4F0-XX-W2A-A1

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°	5.9	4.5	3.1	1.7
92.5°	19.8	18.2	16.5	14.9
95°	37.7	36.6	35.4	34.3
97.5°	57.9	56.9	55.9	54.9
100°	81.5	81.0	80.5	80.0
102.5°	106.7	106.6	106.4	106.3
105°	133.5	133.4	133.3	133.2
107.5°	161.5	161.4	161.3	161.2
110°	190.5	190.2	190.0	189.7

TEST NUMBER: P1026476

CATALOG NUMBER: S124RDIP-B575D590UB30-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
112.5°	219.5	219.5	219.5	219.5
115°	249.2	249.2	249.2	249.2
117.5°	277.2	277.2	277.2	277.2
120°	306.7	306.2	305.7	305.2
122.5°	334.7	334.6	334.4	334.3
125°	362.9	362.9	362.9	362.9
127.5°	389.8	389.4	389.0	388.6
130°	417.2	416.9	416.5	416.1
132.5°	444.8	444.6	444.3	444.1
135°	470.4	469.6	468.9	468.1
137.5°	496.1	495.7	495.3	494.9
140°	522.5	522.3	522.0	521.8
142.5°	547.1	546.9	546.6	546.4
145°	570.2	569.7	569.2	568.7
147.5°	593.4	592.8	592.1	591.5
150°	613.6	613.1	612.6	612.1
152.5°	632.3	632.0	631.8	631.5
155°	651.5	651.5	651.5	651.5
157.5°	667.9	668.2	668.4	668.7
160°	683.2	683.3	683.4	683.5
162.5°	696.2	696.5	696.9	697.3
165°	708.2	708.5	708.9	709.3
167.5°	717.5	718.0	718.5	719.0
170°	725.1	725.7	726.4	727.0
172.5°	731.2	731.7	732.2	732.7
175°	735.9	736.6	737.2	737.8
177.5°	738.2	738.9	739.5	740.1
180°	739.0	739.0	739.0	739.0

(END OF REPORT)