

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: P1026249

Luminaire Tested: S124RDIP-B350D1035UB40-4F0-XX-W2A-A4

Issue Date: 5/6/2025

Test Information

Test Method: LM-79-2019
Report Number: P1026249
REPORT IS A COMBINATION OF REPORTS P999249 AND P1007351
Test Lab: INNOVATION CENTER
Issue Date: 5/6/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: NEO-RAY
Catalog Number: S124RDIP-B350D1035UB40-4F0-XX-W2A-A4
Description: Define 4 Regressed Direct/Indirect Pendant with 4000K BioUP LEDs {m-DER=0.865}
{m-EER=0.951}
Light Source: -
Ballast/Driver: -

Summary

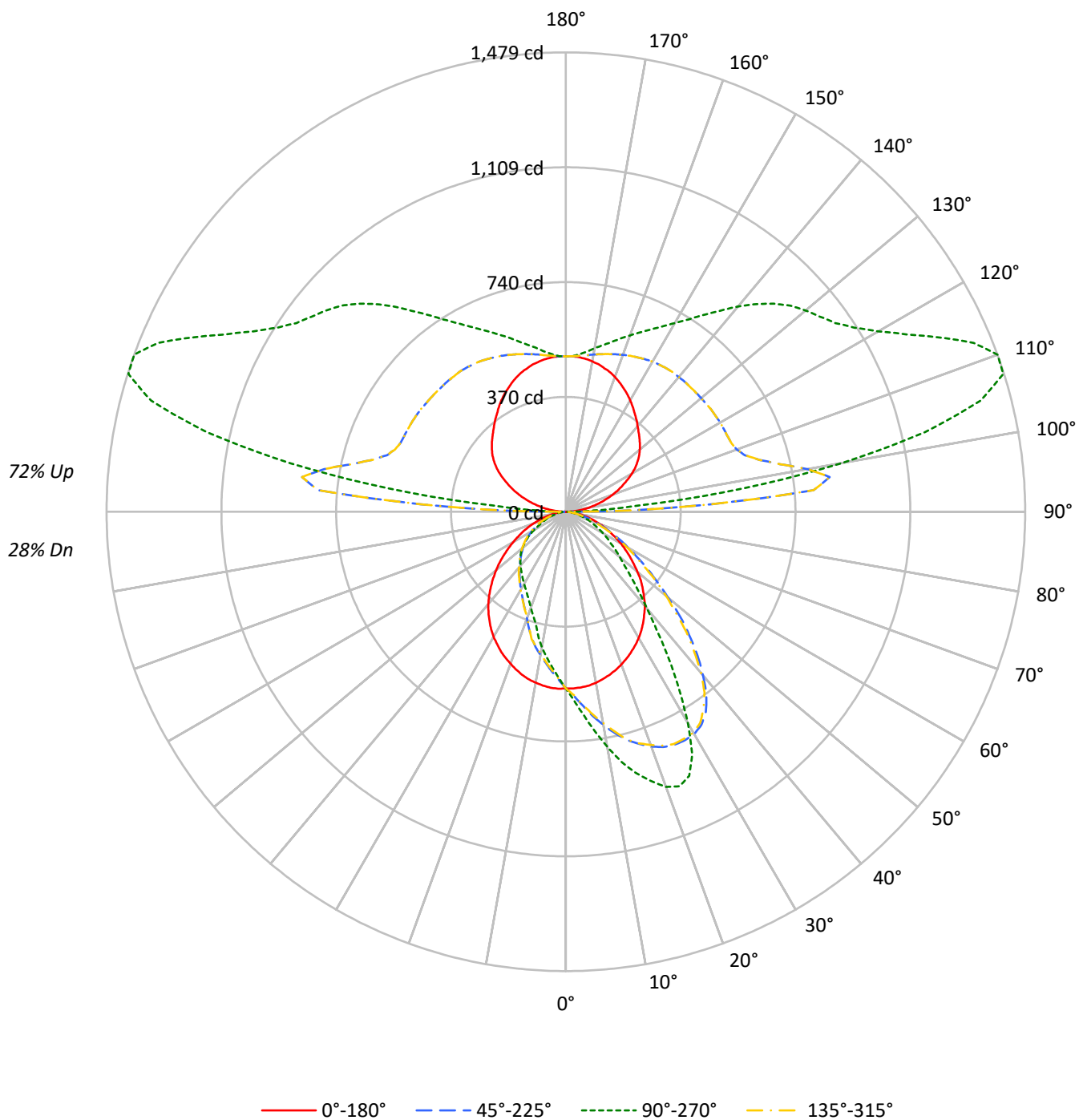
Lumens per Lamp: N/A
Luminaire Lumens: 5082.0 lumens
Efficiency: N/A
Efficacy: 122.5 lumens/watt
Spacing Criteria (0/90/45): 1.22 / 1.27 / 1.38
Luminous Opening: Rectangular w/ Sides (W: 0.33' x L: 4' x H: 0.1')
CIE Type: Semi-Indirect

Input Watts (W): 41.5
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	102	102	102	102	91	91	91	91	71	71	71	53	53	53	36	36	36
1	93	89	85	82	83	80	77	74	63	61	59	47	46	45	32	32	31
2	85	78	72	67	76	70	65	61	55	52	49	41	39	38	29	28	27
3	78	69	62	56	69	62	56	51	49	45	41	37	34	32	26	24	23
4	71	61	53	48	63	55	48	44	43	39	35	33	30	28	23	21	20
5	65	54	47	41	58	49	42	37	39	34	31	30	26	24	21	19	17
6	60	49	41	35	54	44	37	32	35	30	27	27	23	21	19	17	15
7	55	44	36	31	50	40	33	28	32	27	23	24	21	18	17	15	14
8	51	40	32	27	46	36	29	25	29	24	21	22	19	16	16	14	12
9	48	36	29	24	43	33	26	22	26	22	18	20	17	15	15	13	11
10	44	33	26	21	40	30	24	20	24	20	17	19	16	13	14	12	10

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	4636	4636	4636	4636
5°	4635	5238	4643	4003
10°	4611	6038	4607	3481
15°	4556	6795	4556	2915
20°	4498	7368	4475	2567
25°	4428	7399	4408	2319
30°	4354	6292	4320	2148
35°	4248	4748	4194	2020
40°	4131	3441	4050	1921
45°	3938	2615	3840	1832
50°	3707	2113	3606	1704
55°	3458	1750	3345	1532
60°	3208	1479	3065	1274
65°	2894	1206	2802	1013
70°	2606	977	2483	822
75°	2282	704	2124	603
80°	1884	466	1715	444
85°	1368	241	1135	241

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 35°

Vertical Angle: 45°

Luminance: 5803 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	55.0	1.1
10°-20°	166.2	3.3
20°-30°	260.4	5.1
30°-40°	289.1	5.7
40°-50°	256.2	5.0
50°-60°	199.7	3.9
60°-70°	130.6	2.6
70°-80°	64.1	1.3
80°-90°	17.6	0.3
90°-100°	362.5	7.1
100°-110°	756.8	14.9
110°-120°	672.8	13.2
120°-130°	566.3	11.1
130°-140°	472.5	9.3
140°-150°	360.7	7.1
150°-160°	253.6	5.0
160°-170°	149.2	2.9
170°-180°	48.5	1.0
0°-30°	481.7	9.5
0°-40°	770.8	15.2
0°-60°	1226.7	24.1
0°-90°	1439.0	28.3
90°-120°	1792.2	35.3
90°-150°	3191.7	62.8
90°-180°	3643.0	71.7
0°-180°	5082.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	568	568	568	568	568	
5°	568	657	568	502	568	54
15°	543	870	543	373	543	153
25°	498	939	496	294	498	229
35°	434	578	429	246	434	271
45°	350	296	341	207	350	270
55°	252	176	244	154	252	225
65°	158	103	153	87	158	158
75°	79	48	74	41	79	84
85°	19	12	16	12	19	21
90°	1	21	1	21	1	3
95°	32	240	32	240	32	36
105°	115	1383	115	1383	115	122
115°	202	1328	202	1328	202	201
125°	282	1059	282	1059	282	251
135°	335	947	335	947	335	259
145°	386	773	386	773	386	242
155°	439	648	439	648	439	203
165°	479	565	479	565	479	135
175°	499	509	499	509	499	47
180°	500	500	500	500	500	

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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	568.5	568.5	568.5	568.5	568.5	568.5	568.5	568.5	568.5	568.5	568.5
2.5°	569.4	574.4	577.2	579.5	584.0	585.9	589.5	590.4	594.1	593.7	592.3
5°	567.5	576.2	582.7	589.5	597.8	602.4	607.4	614.7	618.4	623.4	626.6
7.5°	564.3	576.2	586.8	597.3	610.6	617.9	624.3	635.8	645.4	653.7	662.8
10°	559.3	574.4	590.0	604.2	622.5	631.2	640.8	657.8	671.1	682.5	697.2
12.5°	551.5	572.6	590.0	609.2	632.6	644.5	657.3	677.5	693.1	711.8	730.2
15°	543.3	566.6	589.5	614.7	641.3	655.0	667.9	694.9	718.7	740.2	760.4
17.5°	534.1	559.8	585.0	612.9	645.0	661.9	677.0	709.5	735.7	763.6	783.8
20°	523.1	551.1	579.9	611.1	647.2	666.0	683.0	720.1	748.9	779.2	804.4
22.5°	511.2	541.4	573.0	606.9	644.5	665.1	684.8	724.7	758.1	786.0	819.9
25°	497.9	530.0	562.5	598.2	640.4	662.8	683.0	722.4	758.1	794.7	827.7
27.5°	484.2	517.2	551.1	588.6	631.7	653.7	676.6	714.6	756.3	796.1	829.6
30°	469.1	501.1	536.9	572.6	618.4	640.4	663.7	705.0	750.3	790.2	826.4
32.5°	452.6	485.5	519.4	556.6	601.4	625.3	646.8	693.5	739.8	779.2	813.1
35°	434.2	465.4	497.5	535.5	579.9	601.4	627.1	675.6	722.4	764.1	786.0
37.5°	414.5	444.3	474.1	511.7	554.3	580.4	605.6	654.6	704.0	732.0	743.4
40°	396.2	422.3	448.4	484.6	527.7	554.7	580.4	631.2	674.7	696.3	687.6
42.5°	372.9	399.9	423.3	456.7	500.2	525.4	551.5	604.2	639.5	648.2	626.6
45°	350.0	372.4	394.9	427.4	473.2	494.7	522.7	571.7	601.0	593.2	561.6
47.5°	327.5	345.8	366.9	398.5	439.7	465.4	491.5	534.1	554.7	543.7	499.8
50°	300.9	319.3	341.3	368.7	408.6	433.3	453.9	493.3	508.9	481.9	428.7
52.5°	275.8	291.8	310.6	336.2	374.2	396.7	419.1	453.0	458.1	426.9	371.0
55°	251.9	264.8	284.5	305.1	339.9	363.7	379.3	408.1	406.8	367.8	319.7
57.5°	227.2	239.1	252.4	273.9	306.9	324.8	341.7	366.9	353.6	320.6	273.0
60°	205.2	212.1	225.4	246.0	273.9	289.5	302.8	316.5	305.1	269.3	232.7
62.5°	180.9	188.7	198.3	214.8	239.6	254.2	263.8	269.8	257.9	230.4	197.0
65°	158.0	164.9	175.0	189.6	208.4	219.4	224.5	228.6	222.2	191.0	164.4
67.5°	137.4	142.0	151.2	160.8	180.9	183.7	190.6	192.4	179.6	155.7	134.7
70°	116.8	121.4	125.5	137.0	146.1	151.2	152.5	152.5	139.7	124.1	106.7
72.5°	97.6	100.3	104.4	112.2	117.3	120.9	122.8	120.5	108.6	95.7	82.9
75°	79.2	80.6	84.3	89.3	93.4	92.1	91.6	88.9	80.2	71.0	63.7
77.5°	60.9	61.8	66.0	67.3	67.3	68.7	66.9	64.1	56.8	49.9	46.7
80°	45.8	47.2	47.6	48.6	47.6	47.6	46.3	41.7	38.0	34.8	32.5
82.5°	31.6	32.5	33.0	31.6	32.5	31.1	28.9	25.7	23.4	22.9	22.0
85°	18.8	19.2	18.8	18.8	17.4	16.9	15.1	14.7	13.7	13.7	13.3
87.5°	9.2	8.7	7.8	6.9	6.9	6.4	6.9	6.0	6.9	6.4	6.0
90°	1.0	2.9	5.9	6.9	7.9	7.9	7.9	13.8	13.8	15.7	17.7
92.5°	13.8	19.7	30.5	45.2	62.9	75.6	88.4	149.4	244.7	337.1	385.2
95°	32.4	35.4	45.2	58.0	81.6	102.2	122.8	208.3	369.5	604.4	800.9
97.5°	54.0	54.0	62.9	74.7	95.3	113.0	130.7	198.5	337.1	578.8	856.9
100°	74.7	74.7	81.6	93.4	112.0	127.8	143.5	201.5	312.5	513.0	790.1
102.5°	94.3	96.3	102.2	113.0	130.7	145.4	160.2	211.3	305.6	468.7	706.6
105°	115.0	117.9	122.8	134.6	152.3	166.6	180.8	228.0	309.5	447.1	644.6
107.5°	137.6	139.5	144.5	157.2	173.9	188.2	202.4	245.7	321.3	441.2	604.4
110°	160.2	162.1	167.1	178.9	196.5	209.8	223.1	266.3	335.1	443.2	585.7

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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	181.8	183.8	189.7	200.5	218.2	231.4	244.7	286.0	349.8	449.1	576.8
115°	202.4	205.4	212.3	222.1	240.8	254.0	267.3	306.6	365.6	457.0	574.9
117.5°	224.1	227.0	232.9	243.7	261.4	275.2	288.9	326.3	381.3	464.8	573.9
120°	245.7	247.6	254.5	265.3	282.0	295.8	309.5	346.9	398.0	473.7	573.9
122.5°	265.3	267.3	274.2	284.0	302.7	316.0	329.2	366.5	413.7	482.5	572.9
125°	282.0	286.0	291.9	302.7	321.3	335.1	348.9	384.2	429.4	491.3	571.9
127.5°	297.8	300.7	307.6	319.4	339.0	352.8	366.5	400.9	443.2	498.2	570.0
130°	310.5	314.5	322.3	337.1	355.7	370.0	384.2	417.6	456.0	506.1	569.0
132.5°	323.3	326.3	337.1	350.8	371.5	384.8	398.0	431.4	468.7	513.0	568.0
135°	335.1	339.0	348.9	365.6	386.2	399.0	411.8	444.2	479.6	519.8	567.0
137.5°	346.9	350.8	361.6	377.4	399.0	411.2	423.5	454.0	487.4	523.8	567.0
140°	359.7	362.6	373.4	390.1	410.8	422.6	434.4	463.8	495.3	528.7	566.0
142.5°	373.4	376.4	386.2	401.9	421.6	432.9	444.2	472.7	501.2	532.6	566.0
145°	386.2	389.1	399.0	412.7	431.4	442.2	453.0	478.6	505.1	533.6	564.1
147.5°	400.9	401.9	410.8	425.5	441.2	451.0	460.9	485.5	509.0	534.6	561.1
150°	414.7	415.7	423.5	435.3	450.1	459.4	468.7	490.4	512.0	534.6	558.2
152.5°	427.5	427.5	435.3	446.1	458.9	467.2	475.6	494.3	514.0	532.6	553.3
155°	439.3	440.2	446.1	456.0	466.8	474.2	481.5	498.2	514.9	530.7	548.3
157.5°	451.1	451.1	457.0	464.8	474.6	480.5	486.4	501.2	514.9	528.7	543.4
160°	461.9	461.9	465.8	472.7	480.5	485.9	491.3	503.1	514.9	525.7	537.5
162.5°	471.7	470.7	473.7	479.6	486.4	490.4	494.3	505.1	514.9	522.8	531.6
165°	478.6	478.6	480.5	485.5	490.4	493.4	496.3	505.1	513.0	518.9	525.7
167.5°	486.4	485.5	486.4	490.4	493.3	495.8	498.2	505.1	511.0	514.9	519.8
170°	491.3	490.4	491.3	494.3	496.3	497.8	499.2	504.1	509.0	511.0	514.0
172.5°	496.3	495.3	495.3	497.2	498.2	499.2	500.2	503.1	507.1	507.1	508.1
175°	499.2	498.2	498.2	499.2	500.2	500.2	500.2	502.2	505.1	504.1	504.1
177.5°	501.2	500.2	499.2	500.2	500.2	500.2	500.2	501.2	503.1	501.2	501.2
180°	500.2	500.2	500.2	500.2	500.2	500.2	500.2	500.2	500.2	500.2	500.2

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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	568.5	568.5	568.5	568.5	568.5	568.5	568.5	568.5	568.5	568.5	568.5
2.5°	595.9	601.0	601.4	606.0	604.6	602.4	606.5	603.7	609.2	607.4	609.7
5°	630.8	637.6	643.6	647.2	653.7	652.3	659.2	656.9	661.9	656.9	663.3
7.5°	671.5	683.0	688.9	698.6	701.3	701.8	710.0	711.8	715.0	711.8	715.5
10°	711.4	725.1	738.9	746.6	751.7	758.6	765.9	769.1	771.4	768.2	770.5
12.5°	747.6	769.1	784.2	799.8	803.4	809.4	817.2	816.3	825.4	823.6	827.7
15°	781.0	804.8	823.1	835.5	845.6	850.6	865.3	866.2	865.7	870.3	867.6
17.5°	810.8	830.9	857.0	873.1	885.4	885.4	893.7	910.6	909.3	908.8	911.6
20°	835.1	858.0	882.2	909.3	919.3	921.2	932.6	941.3	942.7	942.7	942.7
22.5°	853.4	880.4	906.5	925.8	933.5	940.0	950.0	955.5	957.4	956.4	957.4
25°	862.5	888.2	914.8	932.2	936.7	940.4	941.3	944.5	944.1	938.6	941.8
27.5°	864.4	889.1	906.5	911.1	908.8	906.5	891.9	893.2	889.1	880.9	884.1
30°	856.1	869.4	869.0	854.8	850.6	841.0	827.7	808.0	792.0	785.1	787.4
32.5°	826.4	826.4	809.9	777.8	763.6	746.2	722.4	704.5	683.4	678.9	687.6
35°	785.1	761.8	731.5	689.4	667.9	655.0	613.8	601.0	583.1	578.1	582.2
37.5°	721.0	682.1	638.1	598.7	580.4	557.5	521.3	503.0	490.1	481.4	485.5
40°	649.1	601.9	556.1	507.5	487.4	468.6	441.6	425.1	404.5	405.4	406.8
42.5°	580.4	524.9	473.6	428.7	409.5	393.9	375.2	355.0	347.7	345.4	343.1
45°	507.5	448.4	400.3	366.9	349.5	334.8	317.4	306.0	297.3	295.5	297.7
47.5°	438.8	388.9	343.1	311.9	297.7	290.4	276.7	266.1	260.6	256.1	258.8
50°	376.5	329.8	293.2	267.1	257.0	251.9	239.1	233.6	228.1	226.7	226.3
52.5°	325.2	285.4	253.8	232.7	224.9	222.2	212.5	204.8	200.2	201.5	202.5
55°	278.5	244.6	219.9	202.9	196.5	193.3	186.4	180.9	177.7	176.4	177.3
57.5°	237.3	208.0	190.1	176.4	171.3	169.9	162.6	160.8	158.5	157.1	157.1
60°	199.7	179.1	162.6	154.8	149.3	148.0	142.5	140.2	139.7	138.3	137.4
62.5°	168.1	151.2	139.7	131.5	129.2	128.7	125.1	122.3	120.9	120.0	120.0
65°	140.6	128.3	118.6	112.7	110.9	109.9	105.8	104.9	104.0	103.1	102.6
67.5°	117.3	106.3	99.4	95.3	93.0	93.4	91.2	89.3	89.3	88.9	88.4
70°	94.8	87.9	82.0	79.7	78.8	77.9	77.0	75.6	75.1	75.1	75.1
72.5°	74.7	70.1	66.9	65.5	64.6	63.7	62.8	62.8	62.8	62.3	62.3
75°	57.3	55.4	53.1	51.8	51.8	52.7	51.3	49.9	48.6	47.6	48.1
77.5°	43.1	42.1	40.8	38.5	38.9	38.0	38.0	37.1	37.6	37.6	36.6
80°	31.6	30.2	29.8	28.4	28.9	28.4	27.9	27.9	27.0	27.0	27.0
82.5°	22.0	20.6	20.6	20.2	19.7	19.7	19.2	19.2	19.7	18.8	18.8
85°	13.3	12.8	12.8	11.9	11.9	11.9	11.9	12.4	11.9	11.5	11.5
87.5°	6.0	6.4	6.0	5.5	5.5	5.5	5.0	5.0	4.6	5.0	5.0
90°	16.7	17.7	18.7	19.7	19.7	19.7	20.6	21.6	20.6	20.6	20.6
92.5°	320.4	236.8	176.9	139.5	127.2	115.0	100.2	93.4	89.4	89.4	89.4
95°	823.5	728.2	575.9	444.2	396.5	348.9	300.7	270.2	252.6	239.8	252.6
97.5°	1032.8	1048.5	972.9	864.8	809.8	754.7	687.9	628.9	599.4	575.9	599.4
100°	1041.7	1185.1	1204.8	1156.6	1120.2	1083.9	998.4	938.5	909.0	901.1	909.0
102.5°	968.0	1178.3	1295.2	1324.7	1314.8	1305.0	1260.8	1221.5	1190.0	1184.2	1190.0
105°	875.6	1100.6	1270.6	1367.9	1388.1	1408.2	1410.2	1402.3	1388.6	1382.7	1388.6
107.5°	799.9	1005.3	1189.1	1324.7	1366.0	1407.2	1450.5	1468.1	1476.0	1477.0	1476.0
110°	745.9	920.8	1090.8	1233.3	1287.4	1341.4	1411.2	1452.4	1470.1	1479.0	1470.1

TEST NUMBER: P1026249

CATALOG NUMBER: S124RDIP-B350D1035UB40-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	715.4	858.9	1004.3	1137.0	1191.0	1245.1	1326.6	1378.7	1405.3	1421.0	1405.3
115°	698.7	821.5	942.4	1057.4	1104.6	1151.7	1229.4	1288.3	1319.8	1327.6	1319.8
117.5°	689.9	799.9	902.1	995.5	1036.8	1078.0	1146.8	1197.9	1231.3	1236.2	1231.3
120°	683.0	786.2	877.5	956.2	991.0	1025.9	1081.9	1125.2	1150.7	1161.5	1150.7
122.5°	675.1	774.4	861.8	931.6	961.1	990.6	1035.8	1071.1	1091.8	1102.6	1091.8
125°	666.3	760.6	845.1	912.9	940.0	967.0	1006.3	1034.8	1053.5	1059.3	1053.5
127.5°	654.5	744.9	826.4	894.3	919.8	945.4	984.7	1010.2	1025.9	1031.8	1025.9
130°	643.7	725.2	802.9	869.7	895.8	921.8	962.1	986.6	1002.4	1008.2	1002.4
132.5°	633.8	704.6	776.3	841.2	867.2	893.3	932.6	961.1	975.8	981.7	975.8
135°	624.0	685.9	749.8	809.7	834.3	858.9	898.2	925.7	941.4	947.3	941.4
137.5°	615.2	668.2	724.2	776.3	798.9	821.5	858.9	887.4	900.2	907.0	900.2
140°	608.3	653.5	699.7	743.9	764.6	785.2	819.6	841.2	854.9	862.8	854.9
142.5°	602.4	639.7	679.0	715.4	732.6	749.8	779.3	798.9	810.7	815.6	810.7
145°	595.5	627.0	660.4	689.9	703.6	717.4	741.9	758.6	768.5	773.4	768.5
147.5°	589.6	616.2	643.7	668.2	679.5	690.8	709.5	724.2	732.1	734.1	732.1
150°	582.7	606.3	628.9	648.6	657.4	666.3	682.0	694.8	700.7	701.6	700.7
152.5°	574.9	595.5	614.2	631.9	638.8	645.6	658.4	668.2	671.2	672.2	671.2
155°	567.0	584.7	600.4	615.2	621.1	627.0	636.8	644.6	647.6	647.6	647.6
157.5°	559.2	572.9	586.7	599.4	604.3	609.3	617.1	623.0	625.0	625.0	625.0
160°	550.3	562.1	572.9	583.7	587.7	591.6	597.5	603.4	604.4	604.4	604.4
162.5°	542.4	551.3	560.1	568.0	571.4	574.9	578.8	584.7	585.7	584.7	585.7
165°	533.6	541.5	547.4	554.2	556.7	559.2	563.1	567.0	566.0	565.1	566.0
167.5°	525.7	531.6	536.6	542.4	543.9	545.4	547.4	550.3	550.3	549.3	550.3
170°	517.9	522.8	525.7	529.7	531.2	532.6	534.6	535.6	534.6	534.6	534.6
172.5°	511.0	514.9	516.9	518.9	519.8	520.8	521.8	522.8	521.8	519.8	521.8
175°	506.1	508.1	509.0	511.0	511.0	511.0	511.0	513.0	511.0	509.0	511.0
177.5°	502.2	503.1	504.1	504.1	504.6	505.1	504.1	505.1	503.1	501.2	503.1
180°	500.2	500.2	500.2	500.2	500.2	500.2	500.2	500.2	500.2	500.2	500.2

TEST NUMBER: P1026249

CATALOG NUMBER: S124RDIP-B350D1035UB40-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	568.5	568.5	568.5	568.5	568.5	568.5	568.5	568.5	568.5	568.5	568.5
2.5°	611.1	607.9	607.4	607.4	602.4	605.1	599.6	593.7	590.9	590.9	585.9
5°	661.9	658.7	655.5	650.5	650.5	647.7	639.0	630.3	623.9	618.4	612.4
7.5°	714.1	710.9	701.8	696.7	699.5	694.0	682.5	667.9	656.9	648.2	635.8
10°	770.9	762.2	757.6	754.9	745.3	739.3	726.0	704.5	690.8	679.3	663.3
12.5°	817.2	819.9	802.5	803.9	794.3	786.0	765.4	744.8	724.2	708.2	684.4
15°	867.1	858.9	848.3	840.1	836.9	826.8	809.4	781.9	759.5	734.3	707.3
17.5°	906.5	900.1	890.0	882.2	875.4	851.1	836.4	812.2	781.5	756.7	723.7
20°	940.0	934.0	919.8	914.8	902.4	885.0	863.9	826.4	798.9	771.8	739.8
22.5°	954.2	948.2	935.8	929.4	921.6	904.7	884.5	848.8	814.9	781.0	747.1
25°	942.2	942.2	936.3	934.0	927.1	912.0	891.4	861.2	825.0	788.3	748.0
27.5°	884.5	896.0	900.1	902.4	902.4	902.8	888.6	859.3	824.1	788.3	746.2
30°	801.2	820.4	837.3	842.4	851.1	860.7	866.7	852.5	820.9	783.3	741.2
32.5°	696.3	721.0	752.6	760.4	772.3	801.2	817.2	823.1	805.7	772.8	727.9
35°	591.8	623.0	642.2	666.0	677.0	719.6	755.4	776.9	772.8	753.1	712.3
37.5°	500.7	518.5	541.9	567.1	589.1	629.8	674.3	716.0	732.9	723.3	692.6
40°	413.2	434.2	462.2	482.8	497.9	538.7	593.7	639.0	676.1	682.1	663.3
42.5°	351.3	372.4	389.4	411.8	423.7	463.1	511.7	568.5	612.4	635.8	627.6
45°	303.7	316.5	330.3	343.1	357.7	392.6	437.5	499.8	549.2	582.2	585.4
47.5°	262.0	273.5	285.4	297.3	305.5	332.6	373.8	424.6	478.7	524.0	541.9
50°	232.7	238.2	246.9	253.8	263.4	286.7	319.7	363.7	421.0	470.0	493.3
52.5°	203.8	210.7	217.6	223.5	229.9	246.4	276.7	314.7	364.2	414.5	443.4
55°	179.6	185.1	191.5	195.6	199.3	213.9	236.8	266.1	308.7	356.4	392.1
57.5°	159.9	162.2	167.7	169.9	174.1	186.0	202.5	228.6	262.9	309.2	338.5
60°	138.3	142.9	147.0	148.9	152.1	160.3	171.8	196.1	225.8	259.7	293.2
62.5°	120.9	122.8	126.0	128.3	130.5	139.3	148.9	167.2	189.6	218.0	248.7
65°	104.9	105.8	107.6	110.9	112.2	118.6	124.1	137.4	158.5	180.0	210.7
67.5°	88.4	89.3	91.6	93.4	94.8	98.9	104.9	114.5	126.0	149.8	166.7
70°	75.6	75.6	77.0	77.9	79.2	81.1	84.3	91.6	102.1	117.3	132.8
72.5°	63.2	63.2	63.2	64.6	64.6	66.0	67.8	72.8	80.2	92.1	102.1
75°	49.0	49.5	50.4	50.4	50.8	52.7	54.1	55.4	59.1	66.9	76.0
77.5°	37.1	38.0	38.5	37.6	38.5	38.5	40.3	42.1	44.0	46.3	53.1
80°	27.5	27.9	27.0	27.5	27.5	28.4	29.3	28.9	29.8	32.5	34.4
82.5°	18.3	18.8	18.8	18.8	18.8	20.2	20.2	19.7	20.2	20.6	21.1
85°	11.5	11.0	11.0	11.5	11.0	11.0	11.5	11.9	11.5	11.9	12.4
87.5°	5.0	5.0	5.0	5.0	4.6	4.6	5.0	4.6	5.0	4.6	4.1
90°	21.6	20.6	19.7	19.7	19.7	18.7	17.7	16.7	17.7	15.7	13.8
92.5°	93.4	100.2	115.0	127.2	139.5	176.9	236.8	320.4	385.2	337.1	244.7
95°	270.2	300.7	348.9	396.5	444.2	575.9	728.2	823.5	800.9	604.4	369.5
97.5°	628.9	687.9	754.7	809.8	864.8	972.9	1048.5	1032.8	856.9	578.8	337.1
100°	938.5	998.4	1083.9	1120.2	1156.6	1204.8	1185.1	1041.7	790.1	513.0	312.5
102.5°	1221.5	1260.8	1305.0	1314.8	1324.7	1295.2	1178.3	968.0	706.6	468.7	305.6
105°	1402.3	1410.2	1408.2	1388.1	1367.9	1270.6	1100.6	875.6	644.6	447.1	309.5
107.5°	1468.1	1450.5	1407.2	1366.0	1324.7	1189.1	1005.3	799.9	604.4	441.2	321.3
110°	1452.4	1411.2	1341.4	1287.4	1233.3	1090.8	920.8	745.9	585.7	443.2	335.1

TEST NUMBER: P1026249

CATALOG NUMBER: S124RDIP-B350D1035UB40-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	1378.7	1326.6	1245.1	1191.0	1137.0	1004.3	858.9	715.4	576.8	449.1	349.8
115°	1288.3	1229.4	1151.7	1104.6	1057.4	942.4	821.5	698.7	574.9	457.0	365.6
117.5°	1197.9	1146.8	1078.0	1036.8	995.5	902.1	799.9	689.9	573.9	464.8	381.3
120°	1125.2	1081.9	1025.9	991.0	956.2	877.5	786.2	683.0	573.9	473.7	398.0
122.5°	1071.1	1035.8	990.6	961.1	931.6	861.8	774.4	675.1	572.9	482.5	413.7
125°	1034.8	1006.3	967.0	940.0	912.9	845.1	760.6	666.3	571.9	491.3	429.4
127.5°	1010.2	984.7	945.4	919.8	894.3	826.4	744.9	654.5	570.0	498.2	443.2
130°	986.6	962.1	921.8	895.8	869.7	802.9	725.2	643.7	569.0	506.1	456.0
132.5°	961.1	932.6	893.3	867.2	841.2	776.3	704.6	633.8	568.0	513.0	468.7
135°	925.7	898.2	858.9	834.3	809.7	749.8	685.9	624.0	567.0	519.8	479.6
137.5°	887.4	858.9	821.5	798.9	776.3	724.2	668.2	615.2	567.0	523.8	487.4
140°	841.2	819.6	785.2	764.6	743.9	699.7	653.5	608.3	566.0	528.7	495.3
142.5°	798.9	779.3	749.8	732.6	715.4	679.0	639.7	602.4	566.0	532.6	501.2
145°	758.6	741.9	717.4	703.6	689.9	660.4	627.0	595.5	564.1	533.6	505.1
147.5°	724.2	709.5	690.8	679.5	668.2	643.7	616.2	589.6	561.1	534.6	509.0
150°	694.8	682.0	666.3	657.4	648.6	628.9	606.3	582.7	558.2	534.6	512.0
152.5°	668.2	658.4	645.6	638.8	631.9	614.2	595.5	574.9	553.3	532.6	514.0
155°	644.6	636.8	627.0	621.1	615.2	600.4	584.7	567.0	548.3	530.7	514.9
157.5°	623.0	617.1	609.3	604.3	599.4	586.7	572.9	559.2	543.4	528.7	514.9
160°	603.4	597.5	591.6	587.7	583.7	572.9	562.1	550.3	537.5	525.7	514.9
162.5°	584.7	578.8	574.9	571.4	568.0	560.1	551.3	542.4	531.6	522.8	514.9
165°	567.0	563.1	559.2	556.7	554.2	547.4	541.5	533.6	525.7	518.9	513.0
167.5°	550.3	547.4	545.4	543.9	542.4	536.6	531.6	525.7	519.8	514.9	511.0
170°	535.6	534.6	532.6	531.2	529.7	525.7	522.8	517.9	514.0	511.0	509.0
172.5°	522.8	521.8	520.8	519.8	518.9	516.9	514.9	511.0	508.1	507.1	507.1
175°	513.0	511.0	511.0	511.0	511.0	509.0	508.1	506.1	504.1	504.1	505.1
177.5°	505.1	504.1	505.1	504.6	504.1	504.1	503.1	502.2	501.2	501.2	503.1
180°	500.2	500.2	500.2	500.2	500.2	500.2	500.2	500.2	500.2	500.2	500.2

TEST NUMBER: P1026249

CATALOG NUMBER: S124RDIP-B350D1035UB40-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
0°	568.5	568.5	568.5	568.5	568.5	568.5	568.5	568.5	568.5	568.5	568.5
2.5°	583.1	580.8	579.5	579.0	574.9	572.6	571.2	570.3	568.9	565.3	562.0
5°	605.1	598.7	595.5	591.8	585.4	578.1	572.1	568.5	563.9	556.6	549.7
7.5°	625.7	616.1	609.7	604.6	593.7	581.7	572.1	564.3	555.6	545.6	535.9
10°	647.2	631.7	623.4	615.6	599.6	584.0	570.3	558.8	546.5	533.2	522.7
12.5°	664.2	643.6	634.4	623.4	603.7	585.4	568.0	552.4	536.4	522.2	507.1
15°	683.9	658.2	647.7	633.5	606.5	582.7	560.2	543.3	526.8	505.7	489.7
17.5°	695.3	665.6	650.5	638.1	608.8	579.9	553.8	532.7	513.5	492.4	475.5
20°	706.8	672.9	656.0	638.5	603.7	573.0	545.6	520.4	500.2	477.3	459.9
22.5°	710.5	671.1	653.2	637.2	600.5	566.2	534.6	508.9	485.5	462.6	442.9
25°	710.5	670.6	649.5	628.9	590.4	555.2	523.6	495.6	469.5	446.6	426.9
27.5°	703.1	661.4	639.5	620.7	580.8	542.8	510.3	479.6	454.4	431.5	409.1
30°	694.0	648.2	626.2	603.7	565.3	529.1	493.8	465.4	438.8	412.7	392.6
32.5°	682.5	634.0	609.7	586.8	546.0	508.5	475.9	448.0	422.8	395.8	373.3
35°	666.0	612.9	585.9	565.7	526.3	487.4	456.2	428.7	404.5	376.5	352.3
37.5°	645.0	593.7	566.2	541.4	500.7	464.9	435.6	409.1	385.2	359.6	332.6
40°	620.2	566.6	542.8	516.7	473.6	439.7	412.3	388.4	364.6	340.3	314.2
42.5°	592.3	539.1	512.6	487.4	446.2	412.7	387.1	365.5	343.5	321.1	293.2
45°	558.8	508.9	483.3	459.4	419.6	385.2	361.9	341.3	322.5	299.6	274.8
47.5°	521.3	477.8	451.7	426.0	387.1	357.3	334.4	317.0	300.9	278.0	255.6
50°	484.6	441.6	420.5	394.4	358.7	330.7	307.4	292.7	280.3	257.9	237.7
52.5°	438.4	405.8	385.7	363.2	328.9	300.5	282.2	269.3	254.7	237.3	219.4
55°	397.6	367.4	351.3	330.3	296.4	271.2	255.6	243.7	232.2	216.7	202.5
57.5°	351.3	332.6	316.5	298.2	264.8	243.2	229.5	219.4	208.9	196.1	184.6
60°	302.8	294.1	278.5	263.8	235.4	216.7	205.2	196.1	186.0	175.4	165.8
62.5°	259.7	254.7	245.5	234.1	207.5	191.5	180.0	173.1	165.8	156.2	147.0
65°	219.0	216.7	208.0	199.7	181.4	167.2	157.1	153.0	144.7	137.4	129.2
67.5°	182.8	180.0	175.0	171.3	155.7	142.5	137.4	131.9	125.1	119.6	112.7
70°	146.1	145.7	142.5	137.9	129.6	120.0	115.0	111.3	104.4	100.3	95.3
72.5°	113.6	115.9	113.1	111.3	105.8	98.9	94.4	92.1	86.6	83.4	79.7
75°	84.7	86.6	87.9	84.7	83.4	80.2	76.0	73.7	71.0	66.4	65.0
77.5°	57.7	61.8	61.8	62.8	63.2	61.4	58.2	56.3	53.1	52.2	50.4
80°	38.0	41.7	42.1	43.1	44.4	44.4	42.1	41.7	38.5	38.0	36.6
82.5°	22.0	25.2	27.0	28.4	27.9	29.8	27.9	27.5	25.7	25.7	24.7
85°	11.9	12.4	13.3	14.2	15.1	16.0	16.0	15.6	15.1	14.7	13.7
87.5°	4.6	4.6	5.0	4.6	5.0	6.0	6.4	6.4	6.0	5.5	4.6
90°	13.8	7.9	7.9	7.9	6.9	5.9	2.9	1.0	2.9	5.9	6.9
92.5°	149.4	88.4	75.6	62.9	45.2	30.5	19.7	13.8	19.7	30.5	45.2
95°	208.3	122.8	102.2	81.6	58.0	45.2	35.4	32.4	35.4	45.2	58.0
97.5°	198.5	130.7	113.0	95.3	74.7	62.9	54.0	54.0	54.0	62.9	74.7
100°	201.5	143.5	127.8	112.0	93.4	81.6	74.7	74.7	74.7	81.6	93.4
102.5°	211.3	160.2	145.4	130.7	113.0	102.2	96.3	94.3	96.3	102.2	113.0
105°	228.0	180.8	166.6	152.3	134.6	122.8	117.9	115.0	117.9	122.8	134.6
107.5°	245.7	202.4	188.2	173.9	157.2	144.5	139.5	137.6	139.5	144.5	157.2
110°	266.3	223.1	209.8	196.5	178.9	167.1	162.1	160.2	162.1	167.1	178.9

TEST NUMBER: P1026249

CATALOG NUMBER: S124RDIP-B350D1035UB40-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
112.5°	286.0	244.7	231.4	218.2	200.5	189.7	183.8	181.8	183.8	189.7	200.5
115°	306.6	267.3	254.0	240.8	222.1	212.3	205.4	202.4	205.4	212.3	222.1
117.5°	326.3	288.9	275.2	261.4	243.7	232.9	227.0	224.1	227.0	232.9	243.7
120°	346.9	309.5	295.8	282.0	265.3	254.5	247.6	245.7	247.6	254.5	265.3
122.5°	366.5	329.2	316.0	302.7	284.0	274.2	267.3	265.3	267.3	274.2	284.0
125°	384.2	348.9	335.1	321.3	302.7	291.9	286.0	282.0	286.0	291.9	302.7
127.5°	400.9	366.5	352.8	339.0	319.4	307.6	300.7	297.8	300.7	307.6	319.4
130°	417.6	384.2	370.0	355.7	337.1	322.3	314.5	310.5	314.5	322.3	337.1
132.5°	431.4	398.0	384.8	371.5	350.8	337.1	326.3	323.3	326.3	337.1	350.8
135°	444.2	411.8	399.0	386.2	365.6	348.9	339.0	335.1	339.0	348.9	365.6
137.5°	454.0	423.5	411.2	399.0	377.4	361.6	350.8	346.9	350.8	361.6	377.4
140°	463.8	434.4	422.6	410.8	390.1	373.4	362.6	359.7	362.6	373.4	390.1
142.5°	472.7	444.2	432.9	421.6	401.9	386.2	376.4	373.4	376.4	386.2	401.9
145°	478.6	453.0	442.2	431.4	412.7	399.0	389.1	386.2	389.1	399.0	412.7
147.5°	485.5	460.9	451.0	441.2	425.5	410.8	401.9	400.9	401.9	410.8	425.5
150°	490.4	468.7	459.4	450.1	435.3	423.5	415.7	414.7	415.7	423.5	435.3
152.5°	494.3	475.6	467.2	458.9	446.1	435.3	427.5	427.5	427.5	435.3	446.1
155°	498.2	481.5	474.2	466.8	456.0	446.1	440.2	439.3	440.2	446.1	456.0
157.5°	501.2	486.4	480.5	474.6	464.8	457.0	451.1	451.1	451.1	457.0	464.8
160°	503.1	491.3	485.9	480.5	472.7	465.8	461.9	461.9	461.9	465.8	472.7
162.5°	505.1	494.3	490.4	486.4	479.6	473.7	470.7	471.7	470.7	473.7	479.6
165°	505.1	496.3	493.4	490.4	485.5	480.5	478.6	478.6	478.6	480.5	485.5
167.5°	505.1	498.2	495.8	493.3	490.4	486.4	485.5	486.4	485.5	486.4	490.4
170°	504.1	499.2	497.8	496.3	494.3	491.3	490.4	491.3	490.4	491.3	494.3
172.5°	503.1	500.2	499.2	498.2	497.2	495.3	495.3	496.3	495.3	495.3	497.2
175°	502.2	500.2	500.2	500.2	499.2	498.2	498.2	499.2	498.2	498.2	499.2
177.5°	501.2	500.2	500.2	500.2	500.2	499.2	500.2	501.2	500.2	499.2	500.2
180°	500.2	500.2	500.2	500.2	500.2	500.2	500.2	500.2	500.2	500.2	500.2

TEST NUMBER: P1026249

CATALOG NUMBER: S124RDIP-B350D1035UB40-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
0°	568.5	568.5	568.5	568.5	568.5	568.5	568.5	568.5	568.5	568.5	568.5
2.5°	559.3	558.4	557.5	553.8	550.6	545.1	540.5	538.7	538.2	538.7	537.3
5°	543.3	542.8	539.6	533.2	527.2	520.8	516.2	511.7	508.9	508.9	505.7
7.5°	528.2	524.9	522.2	514.0	507.1	498.4	491.5	487.4	485.1	480.1	480.1
10°	512.1	507.5	503.9	496.1	486.0	477.3	468.6	463.6	459.4	455.8	454.4
12.5°	496.1	492.4	485.5	477.3	467.2	456.2	447.1	443.4	433.8	426.0	426.5
15°	481.0	472.7	469.5	457.6	445.7	435.2	421.9	411.3	403.6	398.5	392.1
17.5°	464.0	455.8	449.8	439.7	424.2	407.7	394.9	380.7	372.9	364.2	360.0
20°	445.2	438.4	433.8	417.8	399.0	379.3	365.1	356.4	347.7	341.3	337.6
22.5°	429.2	420.5	415.0	393.5	372.9	353.2	342.2	334.8	327.5	322.0	320.2
25°	408.6	403.6	390.3	371.5	346.3	333.0	323.4	313.8	309.7	306.0	301.9
27.5°	391.6	379.3	370.1	345.4	329.8	314.7	305.1	297.7	292.7	289.0	285.8
30°	370.6	359.1	346.3	325.7	311.5	297.3	288.6	282.6	277.1	274.8	272.1
32.5°	348.6	338.1	325.7	309.2	291.8	280.8	273.9	267.5	263.8	261.6	258.3
35°	328.9	315.6	307.4	291.8	277.6	265.2	258.8	253.3	249.2	248.3	247.8
37.5°	307.8	297.7	290.0	273.9	262.0	251.5	245.5	239.6	237.3	236.8	235.0
40°	289.5	280.8	273.5	258.3	245.5	235.9	231.3	227.7	225.4	225.4	224.9
42.5°	273.5	264.3	257.0	243.2	231.8	223.1	218.0	214.4	213.5	213.9	213.5
45°	255.6	247.8	240.5	226.3	216.7	210.3	204.8	202.9	201.5	202.0	202.5
47.5°	238.7	232.2	224.9	213.5	202.5	195.6	192.4	190.6	190.6	190.6	191.5
50°	223.5	216.2	209.8	197.9	187.8	182.3	179.6	177.3	177.7	178.2	178.6
52.5°	205.7	199.3	194.7	182.8	175.4	168.6	165.4	165.8	165.4	165.4	166.3
55°	190.1	183.7	179.1	168.1	160.8	156.2	153.5	152.1	152.5	151.6	153.5
57.5°	172.7	167.2	164.0	153.5	147.0	142.9	140.6	138.3	139.3	138.8	138.3
60°	157.6	151.2	146.1	138.8	133.3	128.3	126.9	124.6	125.5	124.6	124.1
62.5°	140.2	135.1	131.5	124.1	119.6	115.4	112.2	110.9	110.4	109.0	107.6
65°	122.8	120.0	116.3	109.0	104.4	101.2	99.4	98.0	97.6	93.9	89.8
67.5°	106.7	104.9	101.2	95.7	91.6	88.4	85.7	83.4	80.6	77.9	75.6
70°	91.6	88.9	86.6	81.5	77.9	74.7	71.9	69.2	67.8	65.0	64.1
72.5°	77.0	74.2	71.9	67.3	64.1	60.9	60.0	56.8	55.4	55.0	55.0
75°	61.8	59.5	58.2	54.1	51.3	49.0	47.6	46.7	45.8	44.9	43.5
77.5°	47.2	45.8	44.9	42.1	39.9	38.5	38.0	34.8	33.9	33.0	32.1
80°	34.4	33.9	33.0	30.7	29.8	26.6	26.6	25.7	25.2	25.2	25.2
82.5°	23.4	22.4	22.0	19.7	19.2	18.8	18.3	17.9	18.3	17.9	18.3
85°	12.4	11.9	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.0	11.5
87.5°	4.6	4.6	4.6	4.6	4.1	4.6	4.6	4.1	4.6	4.6	4.6
90°	7.9	7.9	7.9	13.8	13.8	15.7	17.7	16.7	17.7	18.7	19.7
92.5°	62.9	75.6	88.4	149.4	244.7	337.1	385.2	320.4	236.8	176.9	139.5
95°	81.6	102.2	122.8	208.3	369.5	604.4	800.9	823.5	728.2	575.9	444.2
97.5°	95.3	113.0	130.7	198.5	337.1	578.8	856.9	1032.8	1048.5	972.9	864.8
100°	112.0	127.8	143.5	201.5	312.5	513.0	790.1	1041.7	1185.1	1204.8	1156.6
102.5°	130.7	145.4	160.2	211.3	305.6	468.7	706.6	968.0	1178.3	1295.2	1324.7
105°	152.3	166.6	180.8	228.0	309.5	447.1	644.6	875.6	1100.6	1270.6	1367.9
107.5°	173.9	188.2	202.4	245.7	321.3	441.2	604.4	799.9	1005.3	1189.1	1324.7
110°	196.5	209.8	223.1	266.3	335.1	443.2	585.7	745.9	920.8	1090.8	1233.3

TEST NUMBER: P1026249

CATALOG NUMBER: S124RDIP-B350D1035UB40-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
112.5°	218.2	231.4	244.7	286.0	349.8	449.1	576.8	715.4	858.9	1004.3	1137.0
115°	240.8	254.0	267.3	306.6	365.6	457.0	574.9	698.7	821.5	942.4	1057.4
117.5°	261.4	275.2	288.9	326.3	381.3	464.8	573.9	689.9	799.9	902.1	995.5
120°	282.0	295.8	309.5	346.9	398.0	473.7	573.9	683.0	786.2	877.5	956.2
122.5°	302.7	316.0	329.2	366.5	413.7	482.5	572.9	675.1	774.4	861.8	931.6
125°	321.3	335.1	348.9	384.2	429.4	491.3	571.9	666.3	760.6	845.1	912.9
127.5°	339.0	352.8	366.5	400.9	443.2	498.2	570.0	654.5	744.9	826.4	894.3
130°	355.7	370.0	384.2	417.6	456.0	506.1	569.0	643.7	725.2	802.9	869.7
132.5°	371.5	384.8	398.0	431.4	468.7	513.0	568.0	633.8	704.6	776.3	841.2
135°	386.2	399.0	411.8	444.2	479.6	519.8	567.0	624.0	685.9	749.8	809.7
137.5°	399.0	411.2	423.5	454.0	487.4	523.8	567.0	615.2	668.2	724.2	776.3
140°	410.8	422.6	434.4	463.8	495.3	528.7	566.0	608.3	653.5	699.7	743.9
142.5°	421.6	432.9	444.2	472.7	501.2	532.6	566.0	602.4	639.7	679.0	715.4
145°	431.4	442.2	453.0	478.6	505.1	533.6	564.1	595.5	627.0	660.4	689.9
147.5°	441.2	451.0	460.9	485.5	509.0	534.6	561.1	589.6	616.2	643.7	668.2
150°	450.1	459.4	468.7	490.4	512.0	534.6	558.2	582.7	606.3	628.9	648.6
152.5°	458.9	467.2	475.6	494.3	514.0	532.6	553.3	574.9	595.5	614.2	631.9
155°	466.8	474.2	481.5	498.2	514.9	530.7	548.3	567.0	584.7	600.4	615.2
157.5°	474.6	480.5	486.4	501.2	514.9	528.7	543.4	559.2	572.9	586.7	599.4
160°	480.5	485.9	491.3	503.1	514.9	525.7	537.5	550.3	562.1	572.9	583.7
162.5°	486.4	490.4	494.3	505.1	514.9	522.8	531.6	542.4	551.3	560.1	568.0
165°	490.4	493.4	496.3	505.1	513.0	518.9	525.7	533.6	541.5	547.4	554.2
167.5°	493.3	495.8	498.2	505.1	511.0	514.9	519.8	525.7	531.6	536.6	542.4
170°	496.3	497.8	499.2	504.1	509.0	511.0	514.0	517.9	522.8	525.7	529.7
172.5°	498.2	499.2	500.2	503.1	507.1	507.1	508.1	511.0	514.9	516.9	518.9
175°	500.2	500.2	500.2	502.2	505.1	504.1	504.1	506.1	508.1	509.0	511.0
177.5°	500.2	500.2	500.2	501.2	503.1	501.2	501.2	502.2	503.1	504.1	504.1
180°	500.2	500.2	500.2	500.2	500.2	500.2	500.2	500.2	500.2	500.2	500.2

TEST NUMBER: P1026249

CATALOG NUMBER: S124RDIP-B350D1035UB40-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
0°	568.5	568.5	568.5	568.5	568.5	568.5	568.5	568.5	568.5	568.5	568.5
2.5°	537.3	539.1	536.9	538.2	535.0	534.6	535.0	535.0	535.5	535.9	536.4
5°	507.1	506.6	503.9	502.0	500.7	502.0	503.0	503.9	503.0	503.9	504.3
7.5°	478.7	477.3	475.9	472.7	473.6	472.7	475.5	474.1	474.1	476.4	478.2
10°	453.5	450.7	449.8	446.2	443.4	442.9	446.2	447.5	448.9	449.8	453.5
12.5°	421.0	416.8	413.6	415.0	407.2	410.4	411.3	409.5	415.0	421.4	417.8
15°	386.1	386.6	380.2	377.9	371.5	373.3	373.8	378.4	382.9	382.5	388.0
17.5°	360.5	357.7	352.3	351.8	349.0	350.4	350.0	353.6	352.3	354.5	359.1
20°	336.7	334.8	330.3	328.4	329.3	328.4	328.9	329.3	330.7	335.8	334.8
22.5°	317.9	315.6	315.6	313.3	310.6	309.7	311.9	313.3	315.1	316.1	318.4
25°	301.4	299.6	297.3	295.9	293.6	294.1	295.5	297.3	298.7	300.5	302.3
27.5°	284.5	284.5	282.2	281.7	280.8	280.3	282.2	283.1	283.1	284.5	286.3
30°	271.2	271.2	268.9	268.4	268.0	268.0	269.3	269.8	270.3	271.6	272.5
32.5°	258.3	257.9	257.0	257.4	257.0	257.4	257.4	257.9	258.8	259.3	261.1
35°	246.4	246.9	246.0	246.0	245.5	246.0	246.9	247.4	247.8	248.7	248.7
37.5°	235.0	235.9	235.4	236.8	236.8	236.8	236.8	237.7	237.7	237.7	237.3
40°	224.9	224.9	224.5	225.4	226.3	226.3	226.7	226.7	227.2	227.2	226.7
42.5°	213.5	214.4	215.7	216.2	217.1	216.7	218.0	217.6	218.0	217.1	216.2
45°	202.9	202.9	204.8	206.6	207.0	207.0	207.0	208.0	207.0	205.7	205.2
47.5°	191.5	192.4	193.3	195.6	196.1	196.1	196.1	196.1	195.1	195.1	195.1
50°	180.0	180.5	180.9	181.9	183.2	182.8	182.8	182.8	184.6	182.8	183.2
52.5°	166.3	166.7	167.2	169.0	168.6	168.6	169.0	169.0	170.4	169.9	169.0
55°	152.5	152.5	153.5	153.5	153.5	154.4	154.8	155.7	155.3	155.7	156.2
57.5°	138.8	137.9	137.4	137.4	138.8	138.3	138.8	138.8	140.6	141.5	142.0
60°	122.8	122.8	122.3	119.6	119.6	119.1	120.5	121.4	122.3	126.4	126.0
62.5°	106.3	104.4	102.6	103.1	100.3	101.7	100.8	101.7	104.4	107.6	108.1
65°	89.8	88.4	86.6	86.1	85.2	86.6	86.1	86.6	87.9	89.8	92.1
67.5°	75.1	74.7	73.7	73.3	73.3	73.3	74.2	74.2	74.7	76.0	77.4
70°	64.1	63.7	64.1	63.2	63.7	63.2	63.7	64.1	64.6	65.0	66.4
72.5°	54.1	54.1	54.1	53.1	54.1	53.6	53.6	54.1	54.5	55.0	55.9
75°	43.1	42.1	41.2	40.3	39.9	40.8	41.2	40.8	42.1	44.0	44.0
77.5°	32.5	32.1	32.1	32.1	32.5	32.1	33.0	32.5	33.0	33.0	33.9
80°	25.2	24.7	25.2	25.2	24.7	25.7	25.2	25.2	25.7	26.1	25.7
82.5°	18.3	18.8	18.3	18.3	18.3	19.2	18.3	18.3	18.3	18.8	18.8
85°	11.5	11.5	11.5	11.5	11.9	11.5	11.9	11.5	12.4	11.9	11.9
87.5°	4.1	4.6	5.0	5.0	5.0	5.0	4.6	5.0	5.5	5.0	5.5
90°	19.7	19.7	20.6	21.6	20.6	20.6	20.6	21.6	20.6	19.7	19.7
92.5°	127.2	115.0	100.2	93.4	89.4	89.4	89.4	93.4	100.2	115.0	127.2
95°	396.5	348.9	300.7	270.2	252.6	239.8	252.6	270.2	300.7	348.9	396.5
97.5°	809.8	754.7	687.9	628.9	599.4	575.9	599.4	628.9	687.9	754.7	809.8
100°	1120.2	1083.9	998.4	938.5	909.0	901.1	909.0	938.5	998.4	1083.9	1120.2
102.5°	1314.8	1305.0	1260.8	1221.5	1190.0	1184.2	1190.0	1221.5	1260.8	1305.0	1314.8
105°	1388.1	1408.2	1410.2	1402.3	1388.6	1382.7	1388.6	1402.3	1410.2	1408.2	1388.1
107.5°	1366.0	1407.2	1450.5	1468.1	1476.0	1477.0	1476.0	1468.1	1450.5	1407.2	1366.0
110°	1287.4	1341.4	1411.2	1452.4	1470.1	1479.0	1470.1	1452.4	1411.2	1341.4	1287.4

TEST NUMBER: P1026249

CATALOG NUMBER: S124RDIP-B350D1035UB40-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
112.5°	1191.0	1245.1	1326.6	1378.7	1405.3	1421.0	1405.3	1378.7	1326.6	1245.1	1191.0
115°	1104.6	1151.7	1229.4	1288.3	1319.8	1327.6	1319.8	1288.3	1229.4	1151.7	1104.6
117.5°	1036.8	1078.0	1146.8	1197.9	1231.3	1236.2	1231.3	1197.9	1146.8	1078.0	1036.8
120°	991.0	1025.9	1081.9	1125.2	1150.7	1161.5	1150.7	1125.2	1081.9	1025.9	991.0
122.5°	961.1	990.6	1035.8	1071.1	1091.8	1102.6	1091.8	1071.1	1035.8	990.6	961.1
125°	940.0	967.0	1006.3	1034.8	1053.5	1059.3	1053.5	1034.8	1006.3	967.0	940.0
127.5°	919.8	945.4	984.7	1010.2	1025.9	1031.8	1025.9	1010.2	984.7	945.4	919.8
130°	895.8	921.8	962.1	986.6	1002.4	1008.2	1002.4	986.6	962.1	921.8	895.8
132.5°	867.2	893.3	932.6	961.1	975.8	981.7	975.8	961.1	932.6	893.3	867.2
135°	834.3	858.9	898.2	925.7	941.4	947.3	941.4	925.7	898.2	858.9	834.3
137.5°	798.9	821.5	858.9	887.4	900.2	907.0	900.2	887.4	858.9	821.5	798.9
140°	764.6	785.2	819.6	841.2	854.9	862.8	854.9	841.2	819.6	785.2	764.6
142.5°	732.6	749.8	779.3	798.9	810.7	815.6	810.7	798.9	779.3	749.8	732.6
145°	703.6	717.4	741.9	758.6	768.5	773.4	768.5	758.6	741.9	717.4	703.6
147.5°	679.5	690.8	709.5	724.2	732.1	734.1	732.1	724.2	709.5	690.8	679.5
150°	657.4	666.3	682.0	694.8	700.7	701.6	700.7	694.8	682.0	666.3	657.4
152.5°	638.8	645.6	658.4	668.2	671.2	672.2	671.2	668.2	658.4	645.6	638.8
155°	621.1	627.0	636.8	644.6	647.6	647.6	647.6	644.6	636.8	627.0	621.1
157.5°	604.3	609.3	617.1	623.0	625.0	625.0	625.0	623.0	617.1	609.3	604.3
160°	587.7	591.6	597.5	603.4	604.4	604.4	604.4	603.4	597.5	591.6	587.7
162.5°	571.4	574.9	578.8	584.7	585.7	584.7	585.7	584.7	578.8	574.9	571.4
165°	556.7	559.2	563.1	567.0	566.0	565.1	566.0	567.0	563.1	559.2	556.7
167.5°	543.9	545.4	547.4	550.3	550.3	549.3	550.3	550.3	547.4	545.4	543.9
170°	531.2	532.6	534.6	535.6	534.6	534.6	534.6	535.6	534.6	532.6	531.2
172.5°	519.8	520.8	521.8	522.8	521.8	519.8	521.8	522.8	521.8	520.8	519.8
175°	511.0	511.0	511.0	513.0	511.0	509.0	511.0	513.0	511.0	511.0	511.0
177.5°	504.6	505.1	504.1	505.1	503.1	501.2	503.1	505.1	504.1	505.1	504.6
180°	500.2	500.2	500.2	500.2	500.2	500.2	500.2	500.2	500.2	500.2	500.2

TEST NUMBER: P1026249

CATALOG NUMBER: S124RDIP-B350D1035UB40-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
0°	568.5	568.5	568.5	568.5	568.5	568.5	568.5	568.5	568.5	568.5	568.5
2.5°	538.2	540.5	539.6	536.4	537.8	540.5	543.3	546.9	549.2	551.1	552.0
5°	506.6	510.7	509.8	509.8	511.7	516.2	520.8	528.6	531.4	534.6	539.1
7.5°	478.7	481.9	484.6	485.5	488.3	494.3	500.2	508.9	515.8	519.4	522.2
10°	453.9	456.2	460.4	462.6	465.4	472.7	481.4	490.6	497.5	503.9	507.5
12.5°	422.3	431.5	437.0	440.7	444.3	455.3	462.2	472.3	480.5	486.5	492.0
15°	387.1	398.1	401.3	415.5	424.6	433.3	443.9	455.8	463.6	470.4	477.8
17.5°	357.3	365.1	368.7	383.9	391.6	405.4	420.5	435.6	447.5	452.6	459.9
20°	338.5	342.6	350.0	355.0	363.2	379.3	395.8	414.1	432.0	437.0	444.3
22.5°	319.3	324.8	329.8	336.7	343.1	354.1	370.6	390.7	410.0	419.1	427.8
25°	301.9	307.4	310.6	317.9	323.9	334.8	346.3	366.9	389.8	397.6	411.3
27.5°	288.1	291.3	296.8	300.0	306.9	317.0	327.5	343.1	365.5	378.8	392.1
30°	274.4	276.7	281.3	285.8	290.9	297.7	309.7	324.8	345.4	356.8	370.1
32.5°	260.6	264.3	267.1	270.3	275.8	284.0	292.2	306.9	323.4	336.2	349.5
35°	249.2	250.6	254.2	257.9	261.6	268.9	277.6	291.8	306.4	316.5	328.4
37.5°	236.8	239.1	241.9	243.2	249.2	253.8	262.9	273.9	291.3	297.7	309.7
40°	227.2	226.7	229.5	231.8	234.5	241.9	247.4	259.3	273.0	283.1	290.4
42.5°	215.3	215.3	216.2	219.0	222.6	227.2	233.6	243.7	257.9	265.2	273.9
45°	205.7	204.3	204.8	206.6	208.9	213.5	219.9	228.6	242.8	248.7	257.9
47.5°	194.2	192.8	192.8	194.7	196.5	199.7	204.8	214.8	226.3	234.1	240.9
50°	181.4	181.9	181.4	182.8	183.7	186.9	192.4	200.6	211.2	217.6	225.4
52.5°	169.5	168.6	168.1	169.0	170.9	173.1	179.1	186.4	196.5	202.9	209.8
55°	154.8	155.7	155.7	155.7	158.5	159.4	164.0	171.3	181.4	186.4	192.8
57.5°	141.5	141.1	142.0	141.5	143.8	147.0	150.7	156.2	166.3	171.3	177.3
60°	126.9	127.3	127.8	127.8	129.6	132.8	137.0	142.0	150.2	155.3	160.8
62.5°	109.0	111.3	113.6	114.5	117.3	119.6	122.3	127.8	135.1	138.8	143.8
65°	92.1	95.3	98.5	100.8	102.6	104.9	108.6	113.6	119.6	123.2	128.3
67.5°	77.4	79.7	83.8	86.1	89.8	92.5	94.8	98.9	106.3	107.6	111.8
70°	66.9	67.8	69.6	71.5	75.6	77.9	80.6	84.7	90.2	93.4	95.7
72.5°	56.3	56.8	57.7	59.5	61.4	64.1	67.3	71.0	76.0	77.4	80.6
75°	44.9	47.6	47.6	49.0	50.4	51.8	54.5	58.2	61.4	63.7	65.5
77.5°	33.4	34.8	35.7	38.0	39.9	41.2	43.1	45.8	47.6	49.5	50.8
80°	26.1	26.6	27.0	27.0	27.9	29.8	31.6	33.4	35.7	36.6	38.0
82.5°	19.2	19.2	19.2	20.2	20.6	21.1	21.1	22.0	24.3	25.2	26.6
85°	12.4	12.4	12.4	12.4	12.8	13.3	13.7	14.2	14.2	14.2	15.1
87.5°	5.0	6.0	5.5	6.0	6.0	6.0	6.0	6.4	6.4	6.9	6.9
90°	19.7	18.7	17.7	16.7	17.7	15.7	13.8	13.8	7.9	7.9	7.9
92.5°	139.5	176.9	236.8	320.4	385.2	337.1	244.7	149.4	88.4	75.6	62.9
95°	444.2	575.9	728.2	823.5	800.9	604.4	369.5	208.3	122.8	102.2	81.6
97.5°	864.8	972.9	1048.5	1032.8	856.9	578.8	337.1	198.5	130.7	113.0	95.3
100°	1156.6	1204.8	1185.1	1041.7	790.1	513.0	312.5	201.5	143.5	127.8	112.0
102.5°	1324.7	1295.2	1178.3	968.0	706.6	468.7	305.6	211.3	160.2	145.4	130.7
105°	1367.9	1270.6	1100.6	875.6	644.6	447.1	309.5	228.0	180.8	166.6	152.3
107.5°	1324.7	1189.1	1005.3	799.9	604.4	441.2	321.3	245.7	202.4	188.2	173.9
110°	1233.3	1090.8	920.8	745.9	585.7	443.2	335.1	266.3	223.1	209.8	196.5

TEST NUMBER: P1026249

CATALOG NUMBER: S124RDIP-B350D1035UB40-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
112.5°	1137.0	1004.3	858.9	715.4	576.8	449.1	349.8	286.0	244.7	231.4	218.2
115°	1057.4	942.4	821.5	698.7	574.9	457.0	365.6	306.6	267.3	254.0	240.8
117.5°	995.5	902.1	799.9	689.9	573.9	464.8	381.3	326.3	288.9	275.2	261.4
120°	956.2	877.5	786.2	683.0	573.9	473.7	398.0	346.9	309.5	295.8	282.0
122.5°	931.6	861.8	774.4	675.1	572.9	482.5	413.7	366.5	329.2	316.0	302.7
125°	912.9	845.1	760.6	666.3	571.9	491.3	429.4	384.2	348.9	335.1	321.3
127.5°	894.3	826.4	744.9	654.5	570.0	498.2	443.2	400.9	366.5	352.8	339.0
130°	869.7	802.9	725.2	643.7	569.0	506.1	456.0	417.6	384.2	370.0	355.7
132.5°	841.2	776.3	704.6	633.8	568.0	513.0	468.7	431.4	398.0	384.8	371.5
135°	809.7	749.8	685.9	624.0	567.0	519.8	479.6	444.2	411.8	399.0	386.2
137.5°	776.3	724.2	668.2	615.2	567.0	523.8	487.4	454.0	423.5	411.2	399.0
140°	743.9	699.7	653.5	608.3	566.0	528.7	495.3	463.8	434.4	422.6	410.8
142.5°	715.4	679.0	639.7	602.4	566.0	532.6	501.2	472.7	444.2	432.9	421.6
145°	689.9	660.4	627.0	595.5	564.1	533.6	505.1	478.6	453.0	442.2	431.4
147.5°	668.2	643.7	616.2	589.6	561.1	534.6	509.0	485.5	460.9	451.0	441.2
150°	648.6	628.9	606.3	582.7	558.2	534.6	512.0	490.4	468.7	459.4	450.1
152.5°	631.9	614.2	595.5	574.9	553.3	532.6	514.0	494.3	475.6	467.2	458.9
155°	615.2	600.4	584.7	567.0	548.3	530.7	514.9	498.2	481.5	474.2	466.8
157.5°	599.4	586.7	572.9	559.2	543.4	528.7	514.9	501.2	486.4	480.5	474.6
160°	583.7	572.9	562.1	550.3	537.5	525.7	514.9	503.1	491.3	485.9	480.5
162.5°	568.0	560.1	551.3	542.4	531.6	522.8	514.9	505.1	494.3	490.4	486.4
165°	554.2	547.4	541.5	533.6	525.7	518.9	513.0	505.1	496.3	493.4	490.4
167.5°	542.4	536.6	531.6	525.7	519.8	514.9	511.0	505.1	498.2	495.8	493.3
170°	529.7	525.7	522.8	517.9	514.0	511.0	509.0	504.1	499.2	497.8	496.3
172.5°	518.9	516.9	514.9	511.0	508.1	507.1	507.1	503.1	500.2	499.2	498.2
175°	511.0	509.0	508.1	506.1	504.1	504.1	505.1	502.2	500.2	500.2	500.2
177.5°	504.1	504.1	503.1	502.2	501.2	501.2	503.1	501.2	500.2	500.2	500.2
180°	500.2	500.2	500.2	500.2	500.2	500.2	500.2	500.2	500.2	500.2	500.2

TEST NUMBER: P1026249

CATALOG NUMBER: S124RDIP-B350D1035UB40-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
0°	568.5	568.5	568.5	568.5
2.5°	555.6	558.4	563.0	569.4
5°	542.8	550.6	557.9	567.5
7.5°	531.4	540.5	550.6	564.3
10°	518.1	529.5	542.4	559.3
12.5°	502.5	518.5	533.2	551.5
15°	491.0	503.0	521.7	543.3
17.5°	475.0	491.0	509.8	534.1
20°	459.9	476.8	497.9	523.1
22.5°	443.9	463.1	484.2	511.2
25°	427.4	448.0	469.1	497.9
27.5°	412.3	431.0	454.9	484.2
30°	393.9	415.5	438.4	469.1
32.5°	376.1	398.5	421.9	452.6
35°	356.8	379.3	404.9	434.2
37.5°	338.1	362.8	386.1	414.5
40°	317.4	343.1	367.4	396.2
42.5°	297.3	323.9	348.1	372.9
45°	278.5	304.6	326.6	350.0
47.5°	260.6	284.0	306.4	327.5
50°	243.2	262.9	283.5	300.9
52.5°	224.9	243.7	260.2	275.8
55°	208.4	223.1	237.7	251.9
57.5°	188.7	203.4	216.2	227.2
60°	172.2	181.4	193.8	205.2
62.5°	153.5	164.0	173.6	180.9
65°	135.1	144.3	151.6	158.0
67.5°	119.6	125.1	130.5	137.4
70°	100.8	105.4	111.8	116.8
72.5°	84.7	88.4	91.6	97.6
75°	68.7	71.9	73.7	79.2
77.5°	53.1	56.3	57.7	60.9
80°	40.8	41.2	43.1	45.8
82.5°	27.9	28.9	29.3	31.6
85°	16.0	18.3	17.9	18.8
87.5°	6.9	7.3	8.2	9.2
90°	6.9	5.9	2.9	1.0
92.5°	45.2	30.5	19.7	13.8
95°	58.0	45.2	35.4	32.4
97.5°	74.7	62.9	54.0	54.0
100°	93.4	81.6	74.7	74.7
102.5°	113.0	102.2	96.3	94.3
105°	134.6	122.8	117.9	115.0
107.5°	157.2	144.5	139.5	137.6
110°	178.9	167.1	162.1	160.2

TEST NUMBER: P1026249

CATALOG NUMBER: S124RDIP-B350D1035UB40-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
112.5°	200.5	189.7	183.8	181.8
115°	222.1	212.3	205.4	202.4
117.5°	243.7	232.9	227.0	224.1
120°	265.3	254.5	247.6	245.7
122.5°	284.0	274.2	267.3	265.3
125°	302.7	291.9	286.0	282.0
127.5°	319.4	307.6	300.7	297.8
130°	337.1	322.3	314.5	310.5
132.5°	350.8	337.1	326.3	323.3
135°	365.6	348.9	339.0	335.1
137.5°	377.4	361.6	350.8	346.9
140°	390.1	373.4	362.6	359.7
142.5°	401.9	386.2	376.4	373.4
145°	412.7	399.0	389.1	386.2
147.5°	425.5	410.8	401.9	400.9
150°	435.3	423.5	415.7	414.7
152.5°	446.1	435.3	427.5	427.5
155°	456.0	446.1	440.2	439.3
157.5°	464.8	457.0	451.1	451.1
160°	472.7	465.8	461.9	461.9
162.5°	479.6	473.7	470.7	471.7
165°	485.5	480.5	478.6	478.6
167.5°	490.4	486.4	485.5	486.4
170°	494.3	491.3	490.4	491.3
172.5°	497.2	495.3	495.3	496.3
175°	499.2	498.2	498.2	499.2
177.5°	500.2	499.2	500.2	501.2
180°	500.2	500.2	500.2	500.2

(END OF REPORT)