

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: P1026231

Luminaire Tested: S124RDIP-B350D1035UB27-4F0-XX-W2A-A4

Issue Date: 5/7/2025

Test Information

Test Method: LM-79-2019
Report Number: P1026231
REPORT IS A COMBINATION OF REPORTS P999221 AND P1007351
Test Lab: INNOVATION CENTER
Issue Date: 5/7/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: NEO-RAY
Catalog Number: S124RDIP-B350D1035UB27-4F0-XX-W2A-A4
Description: Define 4 Regressed Direct/Indirect Pendant with 2700K BioUP LEDs {m-DER=0.473}
{m-EER=0.52}
Light Source: -
Ballast/Driver: -

Summary

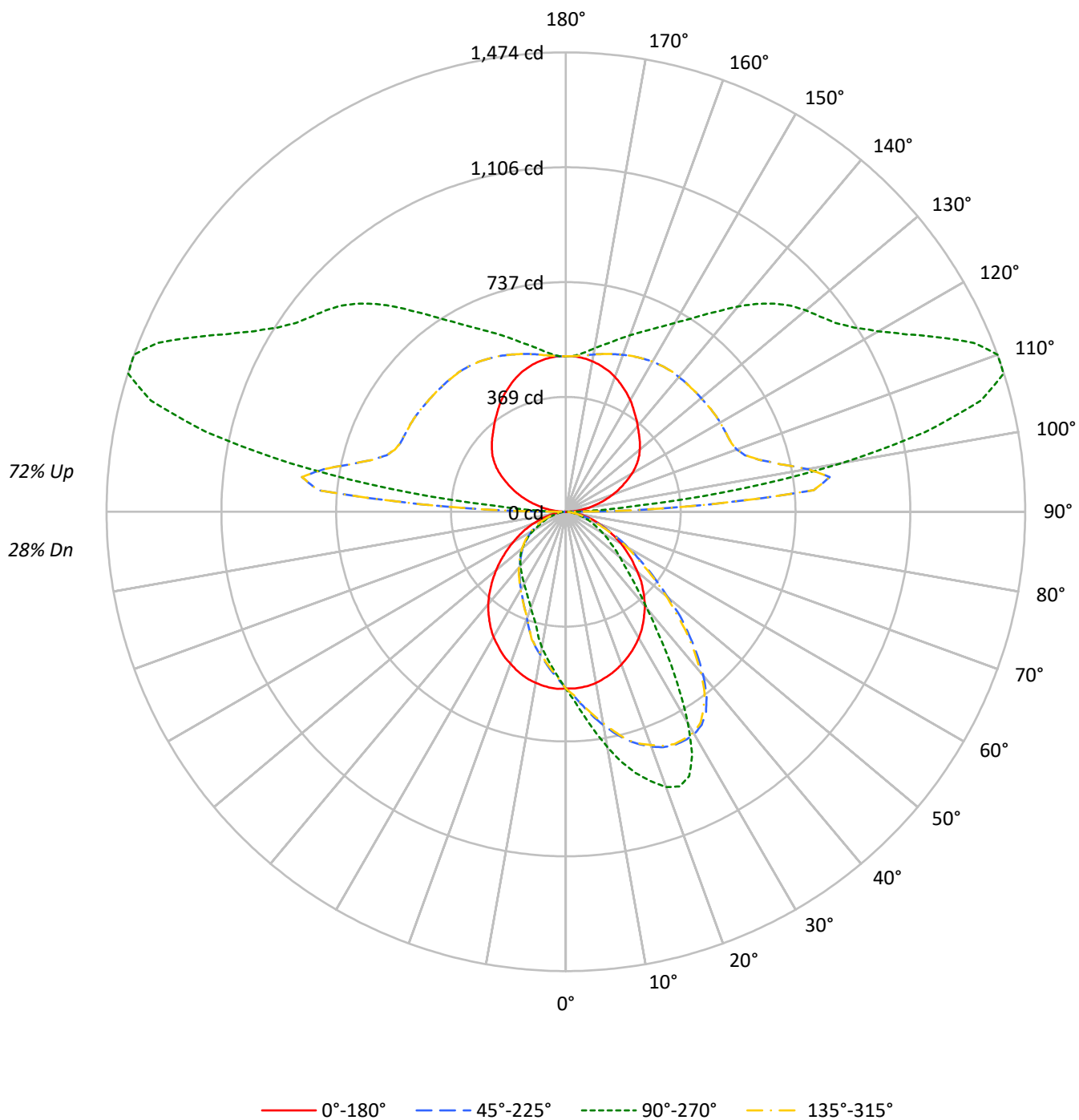
Lumens per Lamp: N/A
Luminaire Lumens: 5067.0 lumens
Efficiency: N/A
Efficacy: 122.1 lumens/watt
Spacing Criteria (0/90/45): 1.22 / 1.27 / 1.38
Luminous Opening: Rectangular w/ Sides (W: 0.33' x L: 4' x H: 0.1')
CIE Type: Semi-Indirect

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					0
RW	70	50	30	10	70	50	30	10	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	36	36	28
1	93	89	85	82	83	80	77	74	63	61	59	47	46	45	32	32	31	31	31	24
2	85	78	72	67	76	70	65	61	55	52	49	41	39	38	29	28	27	27	27	21
3	78	69	62	56	69	62	56	51	49	45	41	37	34	32	26	24	23	23	23	18
4	71	61	53	48	63	55	48	44	43	39	35	33	30	28	23	21	20	20	20	16
5	65	54	47	41	58	49	42	37	39	34	31	30	26	24	21	19	17	17	17	14
6	60	49	41	35	54	44	37	32	35	30	27	27	23	21	19	17	15	15	15	12
7	55	44	36	31	50	40	33	28	32	27	23	24	21	18	17	15	14	14	14	11
8	51	40	32	27	46	36	29	25	29	24	21	22	19	16	16	14	12	12	12	10
9	48	36	29	24	43	33	26	22	26	22	18	20	17	15	15	13	11	11	11	9
10	44	33	26	21	40	30	24	20	24	20	17	19	16	13	14	12	10	10	10	8

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	4623	4623	4623	4623
5°	4623	5223	4630	3992
10°	4598	6021	4594	3472
15°	4544	6777	4544	2907
20°	4486	7348	4462	2560
25°	4416	7379	4395	2312
30°	4342	6274	4308	2141
35°	4236	4734	4183	2014
40°	4119	3431	4039	1915
45°	3927	2607	3829	1828
50°	3697	2107	3596	1699
55°	3448	1745	3336	1527
60°	3198	1476	3056	1271
65°	2886	1202	2795	1009
70°	2599	974	2476	820
75°	2277	702	2118	602
80°	1880	466	1711	442
85°	1361	239	1128	239

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 35°

Vertical Angle: 45°

Luminance: 5787 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	54.9	1.1
10°-20°	165.8	3.3
20°-30°	259.7	5.1
30°-40°	288.3	5.7
40°-50°	255.5	5.0
50°-60°	199.1	3.9
60°-70°	130.2	2.6
70°-80°	63.9	1.3
80°-90°	17.5	0.3
90°-100°	361.4	7.1
100°-110°	754.6	14.9
110°-120°	670.7	13.2
120°-130°	564.6	11.1
130°-140°	471.1	9.3
140°-150°	359.7	7.1
150°-160°	252.9	5.0
160°-170°	148.7	2.9
170°-180°	48.4	1.0
0°-30°	480.3	9.5
0°-40°	768.6	15.2
0°-60°	1223.3	24.1
0°-90°	1435.0	28.3
90°-120°	1786.7	35.3
90°-150°	3182.1	62.8
90°-180°	3632.0	71.7
0°-180°	5067.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	567	567	567	567	567	
5°	566	655	567	501	566	54
15°	542	868	542	372	542	153
25°	496	936	494	293	496	229
35°	433	576	428	245	433	271
45°	349	295	340	206	349	269
55°	251	176	243	154	251	225
65°	158	103	153	86	158	157
75°	79	48	74	41	79	84
85°	19	11	16	11	19	21
90°	1	21	1	21	1	3
95°	32	239	32	239	32	35
105°	115	1378	115	1378	115	122
115°	202	1324	202	1324	202	200
125°	281	1056	281	1056	281	251
135°	334	944	334	944	334	258
145°	385	771	385	771	385	242
155°	438	646	438	646	438	202
165°	477	563	477	563	477	135
175°	498	508	498	508	498	47
180°	499	499	499	499	499	

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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	566.9	566.9	566.9	566.9	566.9	566.9	566.9	566.9	566.9	566.9	566.9
2.5°	567.8	572.8	575.6	577.8	582.4	584.2	587.9	588.8	592.5	592.0	590.6
5°	566.0	574.6	581.0	587.9	596.1	600.7	605.7	613.0	616.7	621.7	624.9
7.5°	562.8	574.6	585.1	595.7	608.9	616.2	622.6	634.0	643.6	651.8	661.0
10°	557.7	572.8	588.3	602.5	620.8	629.5	639.1	656.0	669.2	680.6	695.2
12.5°	550.0	571.0	588.3	607.5	630.8	642.7	655.5	675.6	691.1	709.9	728.1
15°	541.8	565.1	587.9	613.0	639.5	653.2	666.0	693.0	716.7	738.2	758.3
17.5°	532.6	558.2	583.3	611.2	643.2	660.1	675.1	707.6	733.6	761.5	781.6
20°	521.7	549.5	578.3	609.4	645.4	664.2	681.1	718.1	746.9	777.0	802.1
22.5°	509.8	539.9	571.4	605.2	642.7	663.3	682.9	722.6	756.0	783.9	817.7
25°	496.5	528.5	560.9	596.6	638.6	661.0	681.1	720.4	756.0	792.5	825.4
27.5°	482.8	515.7	549.5	587.0	629.9	651.8	674.7	712.6	754.2	793.9	827.2
30°	467.8	499.7	535.4	571.0	616.7	638.6	661.9	703.0	748.2	788.0	824.1
32.5°	451.3	484.2	518.0	555.0	599.8	623.5	645.0	691.6	737.7	777.0	810.8
35°	433.0	464.1	496.1	534.0	578.3	599.8	625.3	673.8	720.4	761.9	783.9
37.5°	413.4	443.1	472.8	510.2	552.7	578.8	603.9	652.8	702.1	730.0	741.4
40°	395.1	421.2	447.2	483.3	526.2	553.2	578.8	629.5	672.9	694.3	685.6
42.5°	371.8	398.8	422.1	455.4	498.8	523.9	550.0	602.5	637.7	646.4	624.9
45°	349.0	371.4	393.8	426.2	471.9	493.3	521.2	570.1	599.3	591.5	560.0
47.5°	326.6	344.9	365.9	397.4	438.5	464.1	490.1	532.6	553.2	542.2	498.4
50°	300.1	318.4	340.3	367.7	407.5	432.1	452.7	492.0	507.5	480.5	427.6
52.5°	275.0	291.0	309.7	335.3	373.2	395.6	418.0	451.8	456.8	425.7	370.0
55°	251.2	264.0	283.7	304.2	338.9	362.7	378.2	407.0	405.6	366.8	318.8
57.5°	226.6	238.4	251.7	273.2	306.0	323.9	340.8	365.9	352.6	319.8	272.2
60°	204.6	211.5	224.7	245.3	273.2	288.7	301.9	315.6	304.2	268.6	232.0
62.5°	180.4	188.2	197.8	214.2	238.9	253.5	263.1	269.0	257.2	229.8	196.4
65°	157.6	164.4	174.5	189.1	207.8	218.8	223.8	227.9	221.5	190.5	164.0
67.5°	137.0	141.6	150.7	160.3	180.4	183.2	190.0	191.9	179.1	155.3	134.3
70°	116.5	121.0	125.2	136.6	145.7	150.7	152.1	152.1	139.3	123.8	106.4
72.5°	97.3	100.0	104.1	111.9	116.9	120.6	122.4	120.1	108.3	95.5	82.7
75°	79.0	80.4	84.0	89.1	93.2	91.8	91.4	88.6	79.9	70.8	63.5
77.5°	60.8	61.7	65.8	67.1	67.1	68.5	66.7	64.0	56.6	49.8	46.6
80°	45.7	47.0	47.5	48.4	47.5	47.5	46.1	41.6	37.9	34.7	32.4
82.5°	31.5	32.4	32.9	31.5	32.4	31.1	28.8	25.6	23.3	22.8	21.9
85°	18.7	19.2	18.7	18.7	17.4	16.9	15.1	14.6	13.7	13.7	13.2
87.5°	9.1	8.7	7.8	6.9	6.9	6.4	6.9	5.9	6.9	6.4	5.9
90°	1.0	2.9	5.9	6.9	7.8	7.8	7.8	13.7	13.7	15.7	17.6
92.5°	13.7	19.6	30.4	45.1	62.7	75.4	88.2	148.9	244.0	336.0	384.1
95°	32.3	35.3	45.1	57.8	81.3	101.9	122.5	207.7	368.4	602.5	798.5
97.5°	53.9	53.9	62.7	74.5	95.0	112.6	130.3	197.9	336.0	577.1	854.3
100°	74.5	74.5	81.3	93.1	111.7	127.4	143.0	200.8	311.6	511.4	787.7
102.5°	94.1	96.0	101.9	112.7	130.3	145.0	159.7	210.6	304.7	467.3	704.4
105°	114.6	117.6	122.5	134.2	151.9	166.1	180.3	227.3	308.6	445.8	642.7
107.5°	137.2	139.1	144.0	156.8	173.4	187.6	201.8	244.9	320.4	439.9	602.5
110°	159.7	161.7	166.6	178.3	195.9	209.2	222.4	265.5	334.1	441.9	583.9

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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	181.3	183.2	189.1	199.9	217.5	230.8	244.0	285.1	348.8	447.7	575.1
115°	201.8	204.8	211.6	221.4	240.0	253.2	266.5	305.7	364.5	455.6	573.1
117.5°	223.4	226.3	232.2	243.0	260.6	274.3	288.0	325.3	380.1	463.4	572.2
120°	244.9	246.9	253.8	264.5	281.2	294.9	308.6	345.8	396.8	472.2	572.2
122.5°	264.5	266.5	273.3	283.1	301.8	315.0	328.2	365.4	412.5	481.0	571.2
125°	281.2	285.1	291.0	301.8	320.4	334.1	347.8	383.1	428.1	489.9	570.2
127.5°	296.9	299.8	306.7	318.4	338.0	351.7	365.4	399.7	441.9	496.7	568.2
130°	309.6	313.5	321.4	336.0	354.7	368.9	383.1	416.4	454.6	504.6	567.3
132.5°	322.3	325.3	336.0	349.8	370.3	383.6	396.8	430.1	467.3	511.4	566.3
135°	334.1	338.0	347.8	364.5	385.0	397.8	410.5	442.8	478.1	518.3	565.3
137.5°	345.8	349.8	360.5	376.2	397.8	410.0	422.3	452.6	485.9	522.2	565.3
140°	358.6	361.5	372.3	389.0	409.5	421.2	433.0	462.4	493.8	527.1	564.3
142.5°	372.3	375.2	385.0	400.7	420.3	431.6	442.8	471.3	499.7	531.0	564.3
145°	385.0	388.0	397.8	411.5	430.1	440.9	451.7	477.1	503.6	532.0	562.4
147.5°	399.7	400.7	409.5	424.2	439.9	449.7	459.5	484.0	507.5	533.0	559.4
150°	413.4	414.4	422.3	434.0	448.7	458.0	467.3	488.9	510.4	533.0	556.5
152.5°	426.2	426.2	434.0	444.8	457.5	465.8	474.2	492.8	512.4	531.0	551.6
155°	437.9	438.9	444.8	454.6	465.4	472.8	480.1	496.7	513.4	529.1	546.7
157.5°	449.7	449.7	455.6	463.4	473.2	479.1	485.0	499.7	513.4	527.1	541.8
160°	460.5	460.5	464.4	471.3	479.1	484.5	489.9	501.6	513.4	524.2	535.9
162.5°	470.3	469.3	472.2	478.1	485.0	488.9	492.8	503.6	513.4	521.2	530.0
165°	477.1	477.1	479.1	484.0	488.9	491.8	494.8	503.6	511.4	517.3	524.2
167.5°	485.0	484.0	485.0	488.9	491.8	494.2	496.7	503.6	509.5	513.4	518.3
170°	489.9	488.9	489.9	492.8	494.8	496.2	497.7	502.6	507.5	509.5	512.4
172.5°	494.8	493.8	493.8	495.7	496.7	497.7	498.7	501.6	505.5	505.5	506.5
175°	497.7	496.7	496.7	497.7	498.7	498.7	498.7	500.6	503.6	502.6	502.6
177.5°	499.7	498.7	497.7	498.7	498.7	498.7	498.7	499.7	501.6	499.7	499.7
180°	498.7	498.7	498.7	498.7	498.7	498.7	498.7	498.7	498.7	498.7	498.7

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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	566.9	566.9	566.9	566.9	566.9	566.9	566.9	566.9	566.9	566.9	566.9
2.5°	594.3	599.3	599.8	604.3	603.0	600.7	604.8	602.1	607.5	605.7	608.0
5°	629.0	635.9	641.8	645.4	651.8	650.5	657.3	655.0	660.1	655.0	661.4
7.5°	669.7	681.1	687.0	696.6	699.3	699.8	708.0	709.9	713.1	709.9	713.5
10°	709.4	723.1	736.8	744.6	749.6	756.4	763.8	767.0	769.2	766.0	768.3
12.5°	745.5	767.0	782.0	797.6	801.2	807.1	814.9	814.0	823.1	821.3	825.4
15°	778.8	802.6	820.9	833.2	843.2	848.3	862.9	863.8	863.3	867.9	865.2
17.5°	808.5	828.6	854.7	870.6	883.0	883.0	891.2	908.1	906.7	906.3	909.0
20°	832.7	855.6	879.8	906.7	916.8	918.6	930.0	938.7	940.1	940.1	940.1
22.5°	851.0	878.0	904.0	923.2	930.9	937.3	947.4	952.9	954.7	953.8	954.7
25°	860.1	885.7	912.2	929.6	934.1	937.8	938.7	941.9	941.4	936.0	939.2
27.5°	862.0	886.6	904.0	908.6	906.3	904.0	889.4	890.7	886.6	878.4	881.6
30°	853.7	867.0	866.5	852.4	848.3	838.7	825.4	805.8	789.8	782.9	785.2
32.5°	824.1	824.1	807.6	775.6	761.5	744.1	720.4	702.5	681.5	677.0	685.6
35°	782.9	759.6	729.5	687.5	666.0	653.2	612.1	599.3	581.5	576.5	580.6
37.5°	719.0	680.2	636.3	597.0	578.8	555.9	519.8	501.6	488.8	480.1	484.2
40°	647.3	600.2	554.5	506.1	486.0	467.3	440.3	423.9	403.3	404.3	405.6
42.5°	578.8	523.5	472.3	427.6	408.4	392.8	374.1	354.0	346.7	344.4	342.1
45°	506.1	447.2	399.2	365.9	348.5	333.9	316.6	305.1	296.5	294.6	296.9
47.5°	437.6	387.8	342.1	311.1	296.9	289.6	275.9	265.4	259.9	255.3	258.1
50°	375.5	328.9	292.3	266.3	256.3	251.2	238.4	233.0	227.5	226.1	225.7
52.5°	324.3	284.6	253.1	232.0	224.3	221.5	212.0	204.2	199.6	201.0	201.9
55°	277.7	243.9	219.3	202.4	196.0	192.8	185.9	180.4	177.2	175.9	176.8
57.5°	236.6	207.4	189.6	175.9	170.8	169.5	162.2	160.3	158.0	156.7	156.7
60°	199.2	178.6	162.2	154.4	148.9	147.5	142.1	139.8	139.3	138.0	137.0
62.5°	167.6	150.7	139.3	131.1	128.8	128.4	124.7	122.0	120.6	119.7	119.7
65°	140.2	127.9	118.3	112.4	110.5	109.6	105.5	104.6	103.7	102.8	102.3
67.5°	116.9	106.0	99.1	95.0	92.7	93.2	90.9	89.1	89.1	88.6	88.2
70°	94.6	87.7	81.8	79.5	78.6	77.7	76.7	75.4	74.9	74.9	74.9
72.5°	74.5	69.9	66.7	65.3	64.4	63.5	62.6	62.6	62.6	62.1	62.1
75°	57.1	55.3	53.0	51.6	51.6	52.5	51.2	49.8	48.4	47.5	48.0
77.5°	42.9	42.0	40.7	38.4	38.8	37.9	37.9	37.0	37.5	37.5	36.5
80°	31.5	30.1	29.7	28.3	28.8	28.3	27.9	27.9	27.0	27.0	27.0
82.5°	21.9	20.6	20.6	20.1	19.6	19.6	19.2	19.2	19.6	18.7	18.7
85°	13.2	12.8	12.8	11.9	11.9	11.9	11.9	12.3	11.9	11.4	11.4
87.5°	5.9	6.4	5.9	5.5	5.5	5.5	5.0	5.0	4.6	5.0	5.0
90°	16.7	17.6	18.6	19.6	19.6	19.6	20.6	21.6	20.6	20.6	20.6
92.5°	319.4	236.1	176.4	139.1	126.8	114.6	99.9	93.1	89.2	89.2	89.2
95°	821.0	726.0	574.1	442.8	395.3	347.8	299.8	269.4	251.8	239.1	251.8
97.5°	1029.7	1045.4	969.9	862.2	807.3	752.4	685.8	627.0	597.6	574.1	597.6
100°	1038.5	1181.6	1201.2	1153.1	1116.8	1080.6	995.4	935.6	906.3	898.4	906.3
102.5°	965.0	1174.7	1291.3	1320.7	1310.9	1301.1	1257.0	1217.8	1186.5	1180.6	1186.5
105°	872.9	1097.3	1266.8	1363.8	1383.9	1404.0	1405.9	1398.1	1384.4	1378.5	1384.4
107.5°	797.5	1002.3	1185.5	1320.7	1361.8	1403.0	1446.1	1463.7	1471.6	1472.5	1471.6
110°	743.6	918.0	1087.5	1229.6	1283.4	1337.3	1406.9	1448.0	1465.7	1474.5	1465.7

TEST NUMBER: P1026231

CATALOG NUMBER: S124RDIP-B350D1035UB27-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	713.2	856.3	1001.3	1133.5	1187.4	1241.3	1322.6	1374.6	1401.0	1416.7	1401.0
115°	696.6	819.1	939.6	1054.2	1101.2	1148.2	1225.6	1284.4	1315.8	1323.6	1315.8
117.5°	687.8	797.5	899.4	992.5	1033.6	1074.8	1143.3	1194.3	1227.6	1232.5	1227.6
120°	680.9	783.8	874.9	953.3	988.0	1022.8	1078.7	1121.8	1147.3	1158.0	1147.3
122.5°	673.1	772.0	859.2	928.8	958.2	987.6	1032.6	1067.9	1088.5	1099.3	1088.5
125°	664.3	758.3	842.6	910.2	937.2	964.1	1003.2	1031.7	1050.3	1056.2	1050.3
127.5°	652.5	742.6	824.0	891.6	917.0	942.5	981.7	1007.2	1022.8	1028.7	1022.8
130°	641.7	723.0	800.4	867.1	893.0	919.0	959.2	983.7	999.3	1005.2	999.3
132.5°	631.9	702.5	774.0	838.7	864.6	890.6	929.8	958.2	972.9	978.8	972.9
135°	622.1	683.9	747.5	807.3	831.8	856.3	895.5	922.9	938.6	944.5	938.6
137.5°	613.3	666.2	722.1	774.0	796.6	819.1	856.3	884.7	897.4	904.3	897.4
140°	606.5	651.5	697.6	741.7	762.2	782.8	817.1	838.7	852.4	860.2	852.4
142.5°	600.6	637.8	677.0	713.2	730.4	747.5	776.9	796.5	808.3	813.2	808.3
145°	593.7	625.1	658.4	687.8	701.5	715.2	739.7	756.4	766.2	771.0	766.2
147.5°	587.8	614.3	641.7	666.2	677.5	688.8	707.4	722.1	729.9	731.9	729.9
150°	581.0	604.5	627.0	646.6	655.4	664.3	679.9	692.7	698.5	699.5	698.5
152.5°	573.1	593.7	612.3	630.0	636.8	643.7	656.4	666.2	669.2	670.1	669.2
155°	565.3	582.9	598.6	613.3	619.2	625.1	634.9	642.7	645.6	645.6	645.6
157.5°	557.5	571.2	584.9	597.6	602.5	607.4	615.3	621.1	623.1	623.1	623.1
160°	548.6	560.4	571.2	582.0	585.9	589.8	595.7	601.6	602.5	602.5	602.5
162.5°	540.8	549.6	558.4	566.3	569.7	573.1	577.1	582.9	583.9	582.9	583.9
165°	532.0	539.8	545.7	552.6	555.0	557.5	561.4	565.3	564.3	563.3	564.3
167.5°	524.2	530.0	534.9	540.8	542.3	543.8	545.7	548.6	548.6	547.7	548.6
170°	516.3	521.2	524.2	528.1	529.6	531.0	533.0	534.0	533.0	533.0	533.0
172.5°	509.5	513.4	515.3	517.3	518.3	519.3	520.2	521.2	520.2	518.3	520.2
175°	504.6	506.5	507.5	509.5	509.5	509.5	509.5	511.4	509.5	507.5	509.5
177.5°	500.6	501.6	502.6	502.6	503.1	503.6	502.6	503.6	501.6	499.7	501.6
180°	498.7	498.7	498.7	498.7	498.7	498.7	498.7	498.7	498.7	498.7	498.7

TEST NUMBER: P1026231

CATALOG NUMBER: S124RDIP-B350D1035UB27-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	566.9	566.9	566.9	566.9	566.9	566.9	566.9	566.9	566.9	566.9	566.9
2.5°	609.4	606.2	605.7	605.7	600.7	603.4	597.9	592.0	589.3	589.3	584.2
5°	660.1	656.9	653.7	648.6	648.6	645.9	637.2	628.5	622.1	616.7	610.7
7.5°	712.1	708.9	699.8	694.8	697.5	692.0	680.6	666.0	655.0	646.4	634.0
10°	768.8	760.1	755.5	752.8	743.2	737.3	724.0	702.5	688.8	677.4	661.4
12.5°	814.9	817.7	800.3	801.7	792.1	783.9	763.3	742.7	722.2	706.2	682.4
15°	864.7	856.5	846.0	837.8	834.6	824.5	807.1	779.7	757.4	732.2	705.3
17.5°	904.0	897.6	887.5	879.8	872.9	848.7	834.1	809.9	779.3	754.6	721.7
20°	937.3	931.4	917.2	912.2	899.9	882.5	861.5	824.1	796.6	769.7	737.7
22.5°	951.5	945.6	933.2	926.8	919.1	902.2	882.1	846.4	812.6	778.8	745.0
25°	939.6	939.6	933.7	931.4	924.5	909.5	888.9	858.8	822.7	786.1	745.9
27.5°	882.1	893.5	897.6	899.9	899.9	900.3	886.2	856.9	821.8	786.1	744.1
30°	798.9	818.1	835.0	840.0	848.7	858.3	864.2	850.1	818.6	781.1	739.1
32.5°	694.3	719.0	750.5	758.3	770.1	798.9	814.9	820.9	803.5	770.6	725.8
35°	590.2	621.2	640.4	664.2	675.1	717.6	753.2	774.7	770.6	751.0	710.3
37.5°	499.3	517.1	540.4	565.5	587.4	628.1	672.4	714.0	730.9	721.3	690.7
40°	412.0	433.0	460.9	481.5	496.5	537.2	592.0	637.2	674.2	680.2	661.4
42.5°	350.4	371.4	388.3	410.7	422.5	461.8	510.2	566.9	610.7	634.0	625.8
45°	302.9	315.6	329.3	342.1	356.8	391.5	436.2	498.4	547.7	580.6	583.8
47.5°	261.3	272.7	284.6	296.5	304.7	331.6	372.7	423.4	477.3	522.6	540.4
50°	232.0	237.5	246.2	253.1	262.7	286.0	318.8	362.7	419.8	468.7	492.0
52.5°	203.3	210.1	217.0	222.9	229.3	245.8	275.9	313.8	363.1	413.4	442.2
55°	179.1	184.5	190.9	195.0	198.7	213.3	236.2	265.4	307.9	355.4	391.0
57.5°	159.4	161.7	167.2	169.5	173.6	185.5	201.9	227.9	262.2	308.3	337.6
60°	138.0	142.5	146.6	148.5	151.7	159.9	171.3	195.5	225.2	259.0	292.3
62.5°	120.6	122.4	125.6	127.9	130.2	138.9	148.5	166.7	189.1	217.4	248.0
65°	104.6	105.5	107.3	110.5	111.9	118.3	123.8	137.0	158.0	179.5	210.1
67.5°	88.2	89.1	91.4	93.2	94.6	98.7	104.6	114.2	125.6	149.4	166.3
70°	75.4	75.4	76.7	77.7	79.0	80.9	84.0	91.4	101.9	116.9	132.5
72.5°	63.0	63.0	63.0	64.4	64.4	65.8	67.6	72.6	79.9	91.8	101.9
75°	48.9	49.3	50.2	50.2	50.7	52.5	53.9	55.3	58.9	66.7	75.8
77.5°	37.0	37.9	38.4	37.5	38.4	38.4	40.2	42.0	43.9	46.1	53.0
80°	27.4	27.9	27.0	27.4	27.4	28.3	29.2	28.8	29.7	32.4	34.3
82.5°	18.3	18.7	18.7	18.7	18.7	20.1	20.1	19.6	20.1	20.6	21.0
85°	11.4	11.0	11.0	11.4	11.0	11.0	11.4	11.9	11.4	11.9	12.3
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	19.6	19.6	19.6	18.6	17.6	16.7	17.6	15.7	13.7
92.5°	93.1	99.9	114.6	126.8	139.1	176.4	236.1	319.4	384.1	336.0	244.0
95°	269.4	299.8	347.8	395.3	442.8	574.1	726.0	821.0	798.5	602.5	368.4
97.5°	627.0	685.8	752.4	807.3	862.2	969.9	1045.4	1029.7	854.3	577.1	336.0
100°	935.6	995.4	1080.6	1116.8	1153.1	1201.2	1181.6	1038.5	787.7	511.4	311.6
102.5°	1217.8	1257.0	1301.1	1310.9	1320.7	1291.3	1174.7	965.0	704.4	467.3	304.7
105°	1398.1	1405.9	1404.0	1383.9	1363.8	1266.8	1097.3	872.9	642.7	445.8	308.6
107.5°	1463.7	1446.1	1403.0	1361.8	1320.7	1185.5	1002.3	797.5	602.5	439.9	320.4
110°	1448.0	1406.9	1337.3	1283.4	1229.6	1087.5	918.0	743.6	583.9	441.9	334.1

TEST NUMBER: P1026231

CATALOG NUMBER: S124RDIP-B350D1035UB27-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	1374.6	1322.6	1241.3	1187.4	1133.5	1001.3	856.3	713.2	575.1	447.7	348.8
115°	1284.4	1225.6	1148.2	1101.2	1054.2	939.6	819.1	696.6	573.1	455.6	364.5
117.5°	1194.3	1143.3	1074.8	1033.6	992.5	899.4	797.5	687.8	572.2	463.4	380.1
120°	1121.8	1078.7	1022.8	988.0	953.3	874.9	783.8	680.9	572.2	472.2	396.8
122.5°	1067.9	1032.6	987.6	958.2	928.8	859.2	772.0	673.1	571.2	481.0	412.5
125°	1031.7	1003.2	964.1	937.2	910.2	842.6	758.3	664.3	570.2	489.9	428.1
127.5°	1007.2	981.7	942.5	917.0	891.6	824.0	742.6	652.5	568.2	496.7	441.9
130°	983.7	959.2	919.0	893.0	867.1	800.4	723.0	641.7	567.3	504.6	454.6
132.5°	958.2	929.8	890.6	864.6	838.7	774.0	702.5	631.9	566.3	511.4	467.3
135°	922.9	895.5	856.3	831.8	807.3	747.5	683.9	622.1	565.3	518.3	478.1
137.5°	884.7	856.3	819.1	796.6	774.0	722.1	666.2	613.3	565.3	522.2	485.9
140°	838.7	817.1	782.8	762.2	741.7	697.6	651.5	606.5	564.3	527.1	493.8
142.5°	796.5	776.9	747.5	730.4	713.2	677.0	637.8	600.6	564.3	531.0	499.7
145°	756.4	739.7	715.2	701.5	687.8	658.4	625.1	593.7	562.4	532.0	503.6
147.5°	722.1	707.4	688.8	677.5	666.2	641.7	614.3	587.8	559.4	533.0	507.5
150°	692.7	679.9	664.3	655.4	646.6	627.0	604.5	581.0	556.5	533.0	510.4
152.5°	666.2	656.4	643.7	636.8	630.0	612.3	593.7	573.1	551.6	531.0	512.4
155°	642.7	634.9	625.1	619.2	613.3	598.6	582.9	565.3	546.7	529.1	513.4
157.5°	621.1	615.3	607.4	602.5	597.6	584.9	571.2	557.5	541.8	527.1	513.4
160°	601.6	595.7	589.8	585.9	582.0	571.2	560.4	548.6	535.9	524.2	513.4
162.5°	582.9	577.1	573.1	569.7	566.3	558.4	549.6	540.8	530.0	521.2	513.4
165°	565.3	561.4	557.5	555.0	552.6	545.7	539.8	532.0	524.2	517.3	511.4
167.5°	548.6	545.7	543.8	542.3	540.8	534.9	530.0	524.2	518.3	513.4	509.5
170°	534.0	533.0	531.0	529.6	528.1	524.2	521.2	516.3	512.4	509.5	507.5
172.5°	521.2	520.2	519.3	518.3	517.3	515.3	513.4	509.5	506.5	505.5	505.5
175°	511.4	509.5	509.5	509.5	509.5	507.5	506.5	504.6	502.6	502.6	503.6
177.5°	503.6	502.6	503.6	503.1	502.6	502.6	501.6	500.6	499.7	499.7	501.6
180°	498.7	498.7	498.7	498.7	498.7	498.7	498.7	498.7	498.7	498.7	498.7

TEST NUMBER: P1026231

CATALOG NUMBER: S124RDIP-B350D1035UB27-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
0°	566.9	566.9	566.9	566.9	566.9	566.9	566.9	566.9	566.9	566.9	566.9
2.5°	581.5	579.2	577.8	577.4	573.3	571.0	569.6	568.7	567.3	563.7	560.5
5°	603.4	597.0	593.8	590.2	583.8	576.5	570.5	566.9	562.3	555.0	548.1
7.5°	624.0	614.4	608.0	603.0	592.0	580.1	570.5	562.8	554.1	544.0	534.4
10°	645.4	629.9	621.7	613.9	597.9	582.4	568.7	557.3	545.0	531.7	521.2
12.5°	662.3	641.8	632.7	621.7	602.1	583.8	566.4	550.9	534.9	520.7	505.7
15°	682.0	656.4	645.9	631.7	604.8	581.0	558.7	541.8	525.3	504.3	488.3
17.5°	693.4	663.7	648.6	636.3	607.1	578.3	552.3	531.2	512.1	491.1	474.1
20°	704.8	671.0	654.1	636.8	602.1	571.4	544.0	518.9	498.8	476.0	458.6
22.5°	708.5	669.2	651.4	635.4	598.9	564.6	533.1	507.5	484.2	461.4	441.7
25°	708.5	668.7	647.7	627.2	588.8	553.6	522.1	494.2	468.2	445.4	425.7
27.5°	701.2	659.6	637.7	619.0	579.2	541.3	508.9	478.3	453.1	430.3	407.9
30°	692.0	646.4	624.4	602.1	563.7	527.6	492.4	464.1	437.6	411.6	391.5
32.5°	680.6	632.2	608.0	585.1	544.5	507.0	474.6	446.7	421.6	394.7	372.3
35°	664.2	611.2	584.2	564.1	524.9	486.0	455.0	427.6	403.3	375.5	351.3
37.5°	643.2	592.0	564.6	539.9	499.3	463.6	434.4	407.9	384.2	358.6	331.6
40°	618.5	565.1	541.3	515.3	472.3	438.5	411.1	387.4	363.6	339.4	313.4
42.5°	590.6	537.6	511.1	486.0	444.9	411.6	386.0	364.5	342.6	320.2	292.3
45°	557.3	507.5	481.9	458.2	418.4	384.2	360.9	340.3	321.6	298.7	274.1
47.5°	519.8	476.4	450.4	424.8	386.0	356.3	333.5	316.1	300.1	277.3	254.9
50°	483.3	440.3	419.3	393.3	357.7	329.8	306.5	291.9	279.6	257.2	237.1
52.5°	437.1	404.7	384.6	362.2	328.0	299.7	281.4	268.6	254.0	236.6	218.8
55°	396.5	366.3	350.4	329.3	295.5	270.4	254.9	243.0	231.6	216.1	201.9
57.5°	350.4	331.6	315.6	297.4	264.0	242.6	228.9	218.8	208.3	195.5	184.1
60°	301.9	293.3	277.7	263.1	234.8	216.1	204.6	195.5	185.5	175.0	165.4
62.5°	259.0	254.0	244.8	233.4	206.9	190.9	179.5	172.7	165.4	155.8	146.6
65°	218.3	216.1	207.4	199.2	180.9	166.7	156.7	152.6	144.3	137.0	128.8
67.5°	182.3	179.5	174.5	170.8	155.3	142.1	137.0	131.6	124.7	119.2	112.4
70°	145.7	145.3	142.1	137.5	129.3	119.7	114.7	111.0	104.1	100.0	95.0
72.5°	113.3	115.6	112.8	111.0	105.5	98.7	94.1	91.8	86.3	83.1	79.5
75°	84.5	86.3	87.7	84.5	83.1	79.9	75.8	73.5	70.8	66.2	64.9
77.5°	57.6	61.7	61.7	62.6	63.0	61.2	58.0	56.2	53.0	52.1	50.2
80°	37.9	41.6	42.0	42.9	44.3	44.3	42.0	41.6	38.4	37.9	36.5
82.5°	21.9	25.1	27.0	28.3	27.9	29.7	27.9	27.4	25.6	25.6	24.7
85°	11.9	12.3	13.2	14.2	15.1	16.0	16.0	15.5	15.1	14.6	13.7
87.5°	4.6	4.6	5.0	4.6	5.0	5.9	6.4	6.4	5.9	5.5	4.6
90°	13.7	7.8	7.8	7.8	6.9	5.9	2.9	1.0	2.9	5.9	6.9
92.5°	148.9	88.2	75.4	62.7	45.1	30.4	19.6	13.7	19.6	30.4	45.1
95°	207.7	122.5	101.9	81.3	57.8	45.1	35.3	32.3	35.3	45.1	57.8
97.5°	197.9	130.3	112.6	95.0	74.5	62.7	53.9	53.9	53.9	62.7	74.5
100°	200.8	143.0	127.4	111.7	93.1	81.3	74.5	74.5	74.5	81.3	93.1
102.5°	210.6	159.7	145.0	130.3	112.7	101.9	96.0	94.1	96.0	101.9	112.7
105°	227.3	180.3	166.1	151.9	134.2	122.5	117.6	114.6	117.6	122.5	134.2
107.5°	244.9	201.8	187.6	173.4	156.8	144.0	139.1	137.2	139.1	144.0	156.8
110°	265.5	222.4	209.2	195.9	178.3	166.6	161.7	159.7	161.7	166.6	178.3

TEST NUMBER: P1026231

CATALOG NUMBER: S124RDIP-B350D1035UB27-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
112.5°	285.1	244.0	230.8	217.5	199.9	189.1	183.2	181.3	183.2	189.1	199.9
115°	305.7	266.5	253.2	240.0	221.4	211.6	204.8	201.8	204.8	211.6	221.4
117.5°	325.3	288.0	274.3	260.6	243.0	232.2	226.3	223.4	226.3	232.2	243.0
120°	345.8	308.6	294.9	281.2	264.5	253.8	246.9	244.9	246.9	253.8	264.5
122.5°	365.4	328.2	315.0	301.8	283.1	273.3	266.5	264.5	266.5	273.3	283.1
125°	383.1	347.8	334.1	320.4	301.8	291.0	285.1	281.2	285.1	291.0	301.8
127.5°	399.7	365.4	351.7	338.0	318.4	306.7	299.8	296.9	299.8	306.7	318.4
130°	416.4	383.1	368.9	354.7	336.0	321.4	313.5	309.6	313.5	321.4	336.0
132.5°	430.1	396.8	383.6	370.3	349.8	336.0	325.3	322.3	325.3	336.0	349.8
135°	442.8	410.5	397.8	385.0	364.5	347.8	338.0	334.1	338.0	347.8	364.5
137.5°	452.6	422.3	410.0	397.8	376.2	360.5	349.8	345.8	349.8	360.5	376.2
140°	462.4	433.0	421.2	409.5	389.0	372.3	361.5	358.6	361.5	372.3	389.0
142.5°	471.3	442.8	431.6	420.3	400.7	385.0	375.2	372.3	375.2	385.0	400.7
145°	477.1	451.7	440.9	430.1	411.5	397.8	388.0	385.0	388.0	397.8	411.5
147.5°	484.0	459.5	449.7	439.9	424.2	409.5	400.7	399.7	400.7	409.5	424.2
150°	488.9	467.3	458.0	448.7	434.0	422.3	414.4	413.4	414.4	422.3	434.0
152.5°	492.8	474.2	465.8	457.5	444.8	434.0	426.2	426.2	426.2	434.0	444.8
155°	496.7	480.1	472.8	465.4	454.6	444.8	438.9	437.9	438.9	444.8	454.6
157.5°	499.7	485.0	479.1	473.2	463.4	455.6	449.7	449.7	449.7	455.6	463.4
160°	501.6	489.9	484.5	479.1	471.3	464.4	460.5	460.5	460.5	464.4	471.3
162.5°	503.6	492.8	488.9	485.0	478.1	472.2	469.3	470.3	469.3	472.2	478.1
165°	503.6	494.8	491.8	488.9	484.0	479.1	477.1	477.1	477.1	479.1	484.0
167.5°	503.6	496.7	494.2	491.8	488.9	485.0	484.0	485.0	484.0	485.0	488.9
170°	502.6	497.7	496.2	494.8	492.8	489.9	488.9	489.9	488.9	489.9	492.8
172.5°	501.6	498.7	497.7	496.7	495.7	493.8	493.8	494.8	493.8	493.8	495.7
175°	500.6	498.7	498.7	498.7	497.7	496.7	496.7	497.7	496.7	496.7	497.7
177.5°	499.7	498.7	498.7	498.7	498.7	497.7	498.7	499.7	498.7	497.7	498.7
180°	498.7	498.7	498.7	498.7	498.7	498.7	498.7	498.7	498.7	498.7	498.7

TEST NUMBER: P1026231

CATALOG NUMBER: S124RDIP-B350D1035UB27-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
0°	566.9	566.9	566.9	566.9	566.9	566.9	566.9	566.9	566.9	566.9	566.9
2.5°	557.7	556.8	555.9	552.3	549.1	543.6	539.0	537.2	536.7	537.2	535.8
5°	541.8	541.3	538.1	531.7	525.8	519.4	514.8	510.2	507.5	507.5	504.3
7.5°	526.7	523.5	520.7	512.5	505.7	497.0	490.1	486.0	483.7	478.7	478.7
10°	510.7	506.1	502.5	494.7	484.7	476.0	467.3	462.3	458.2	454.5	453.1
12.5°	494.7	491.1	484.2	476.0	465.9	455.0	445.8	442.2	432.6	424.8	425.3
15°	479.6	471.4	468.2	456.3	444.5	434.0	420.7	410.2	402.4	397.4	391.0
17.5°	462.7	454.5	448.6	438.5	423.0	406.5	393.8	379.6	371.8	363.1	359.0
20°	444.0	437.1	432.6	416.6	397.9	378.2	364.1	355.4	346.7	340.3	336.7
22.5°	428.0	419.3	413.9	392.4	371.8	352.2	341.2	333.9	326.6	321.1	319.3
25°	407.5	402.4	389.2	370.5	345.3	332.1	322.5	312.9	308.8	305.1	301.0
27.5°	390.6	378.2	369.1	344.4	328.9	313.8	304.2	296.9	291.9	288.2	285.0
30°	369.5	358.1	345.3	324.8	310.6	296.5	287.8	281.8	276.4	274.1	271.3
32.5°	347.6	337.1	324.8	308.3	291.0	280.0	273.2	266.8	263.1	260.8	257.6
35°	328.0	314.7	306.5	291.0	276.8	264.5	258.1	252.6	248.5	247.6	247.1
37.5°	307.0	296.9	289.1	273.2	261.3	250.8	244.8	238.9	236.6	236.2	234.3
40°	288.7	280.0	272.7	257.6	244.8	235.2	230.7	227.0	224.7	224.7	224.3
42.5°	272.7	263.6	256.3	242.6	231.1	222.5	217.4	213.8	212.9	213.3	212.9
45°	254.9	247.1	239.8	225.7	216.1	209.7	204.2	202.4	201.0	201.4	201.9
47.5°	238.0	231.6	224.3	212.9	201.9	195.0	191.9	190.0	190.0	190.0	190.9
50°	222.9	215.6	209.2	197.3	187.3	181.8	179.1	176.8	177.2	177.7	178.1
52.5°	205.1	198.7	194.1	182.3	175.0	168.1	164.9	165.4	164.9	164.9	165.8
55°	189.6	183.2	178.6	167.6	160.3	155.8	153.0	151.7	152.1	151.2	153.0
57.5°	172.2	166.7	163.5	153.0	146.6	142.5	140.2	138.0	138.9	138.4	138.0
60°	157.1	150.7	145.7	138.4	132.9	127.9	126.5	124.2	125.2	124.2	123.8
62.5°	139.8	134.8	131.1	123.8	119.2	115.1	111.9	110.5	110.1	108.7	107.3
65°	122.4	119.7	116.0	108.7	104.1	101.0	99.1	97.8	97.3	93.6	89.5
67.5°	106.4	104.6	101.0	95.5	91.4	88.2	85.4	83.1	80.4	77.7	75.4
70°	91.4	88.6	86.3	81.3	77.7	74.5	71.7	69.0	67.6	64.9	64.0
72.5°	76.7	74.0	71.7	67.1	64.0	60.8	59.8	56.6	55.3	54.8	54.8
75°	61.7	59.4	58.0	53.9	51.2	48.9	47.5	46.6	45.7	44.8	43.4
77.5°	47.0	45.7	44.8	42.0	39.7	38.4	37.9	34.7	33.8	32.9	32.0
80°	34.3	33.8	32.9	30.6	29.7	26.5	26.5	25.6	25.1	25.1	25.1
82.5°	23.3	22.4	21.9	19.6	19.2	18.7	18.3	17.8	18.3	17.8	18.3
85°	12.3	11.9	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.0	11.4
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°	7.8	7.8	7.8	13.7	13.7	15.7	17.6	16.7	17.6	18.6	19.6
92.5°	62.7	75.4	88.2	148.9	244.0	336.0	384.1	319.4	236.1	176.4	139.1
95°	81.3	101.9	122.5	207.7	368.4	602.5	798.5	821.0	726.0	574.1	442.8
97.5°	95.0	112.6	130.3	197.9	336.0	577.1	854.3	1029.7	1045.4	969.9	862.2
100°	111.7	127.4	143.0	200.8	311.6	511.4	787.7	1038.5	1181.6	1201.2	1153.1
102.5°	130.3	145.0	159.7	210.6	304.7	467.3	704.4	965.0	1174.7	1291.3	1320.7
105°	151.9	166.1	180.3	227.3	308.6	445.8	642.7	872.9	1097.3	1266.8	1363.8
107.5°	173.4	187.6	201.8	244.9	320.4	439.9	602.5	797.5	1002.3	1185.5	1320.7
110°	195.9	209.2	222.4	265.5	334.1	441.9	583.9	743.6	918.0	1087.5	1229.6

TEST NUMBER: P1026231

CATALOG NUMBER: S124RDIP-B350D1035UB27-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
112.5°	217.5	230.8	244.0	285.1	348.8	447.7	575.1	713.2	856.3	1001.3	1133.5
115°	240.0	253.2	266.5	305.7	364.5	455.6	573.1	696.6	819.1	939.6	1054.2
117.5°	260.6	274.3	288.0	325.3	380.1	463.4	572.2	687.8	797.5	899.4	992.5
120°	281.2	294.9	308.6	345.8	396.8	472.2	572.2	680.9	783.8	874.9	953.3
122.5°	301.8	315.0	328.2	365.4	412.5	481.0	571.2	673.1	772.0	859.2	928.8
125°	320.4	334.1	347.8	383.1	428.1	489.9	570.2	664.3	758.3	842.6	910.2
127.5°	338.0	351.7	365.4	399.7	441.9	496.7	568.2	652.5	742.6	824.0	891.6
130°	354.7	368.9	383.1	416.4	454.6	504.6	567.3	641.7	723.0	800.4	867.1
132.5°	370.3	383.6	396.8	430.1	467.3	511.4	566.3	631.9	702.5	774.0	838.7
135°	385.0	397.8	410.5	442.8	478.1	518.3	565.3	622.1	683.9	747.5	807.3
137.5°	397.8	410.0	422.3	452.6	485.9	522.2	565.3	613.3	666.2	722.1	774.0
140°	409.5	421.2	433.0	462.4	493.8	527.1	564.3	606.5	651.5	697.6	741.7
142.5°	420.3	431.6	442.8	471.3	499.7	531.0	564.3	600.6	637.8	677.0	713.2
145°	430.1	440.9	451.7	477.1	503.6	532.0	562.4	593.7	625.1	658.4	687.8
147.5°	439.9	449.7	459.5	484.0	507.5	533.0	559.4	587.8	614.3	641.7	666.2
150°	448.7	458.0	467.3	488.9	510.4	533.0	556.5	581.0	604.5	627.0	646.6
152.5°	457.5	465.8	474.2	492.8	512.4	531.0	551.6	573.1	593.7	612.3	630.0
155°	465.4	472.8	480.1	496.7	513.4	529.1	546.7	565.3	582.9	598.6	613.3
157.5°	473.2	479.1	485.0	499.7	513.4	527.1	541.8	557.5	571.2	584.9	597.6
160°	479.1	484.5	489.9	501.6	513.4	524.2	535.9	548.6	560.4	571.2	582.0
162.5°	485.0	488.9	492.8	503.6	513.4	521.2	530.0	540.8	549.6	558.4	566.3
165°	488.9	491.8	494.8	503.6	511.4	517.3	524.2	532.0	539.8	545.7	552.6
167.5°	491.8	494.2	496.7	503.6	509.5	513.4	518.3	524.2	530.0	534.9	540.8
170°	494.8	496.2	497.7	502.6	507.5	509.5	512.4	516.3	521.2	524.2	528.1
172.5°	496.7	497.7	498.7	501.6	505.5	505.5	506.5	509.5	513.4	515.3	517.3
175°	498.7	498.7	498.7	500.6	503.6	502.6	502.6	504.6	506.5	507.5	509.5
177.5°	498.7	498.7	498.7	499.7	501.6	499.7	499.7	500.6	501.6	502.6	502.6
180°	498.7	498.7	498.7	498.7	498.7	498.7	498.7	498.7	498.7	498.7	498.7

TEST NUMBER: P1026231

CATALOG NUMBER: S124RDIP-B350D1035UB27-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
0°	566.9	566.9	566.9	566.9	566.9	566.9	566.9	566.9	566.9	566.9	566.9
2.5°	535.8	537.6	535.4	536.7	533.5	533.1	533.5	533.5	534.0	534.4	534.9
5°	505.7	505.2	502.5	500.6	499.3	500.6	501.6	502.5	501.6	502.5	502.9
7.5°	477.3	476.0	474.6	471.4	472.3	471.4	474.1	472.8	472.8	475.1	476.9
10°	452.2	449.5	448.6	444.9	442.2	441.7	444.9	446.3	447.7	448.6	452.2
12.5°	419.8	415.7	412.5	413.9	406.1	409.3	410.2	408.4	413.9	420.2	416.6
15°	385.1	385.5	379.1	376.9	370.5	372.3	372.7	377.3	381.9	381.4	386.9
17.5°	359.5	356.8	351.3	350.8	348.1	349.4	349.0	352.6	351.3	353.6	358.1
20°	335.7	333.9	329.3	327.5	328.4	327.5	328.0	328.4	329.8	334.8	333.9
22.5°	317.0	314.7	314.7	312.4	309.7	308.8	311.1	312.4	314.3	315.2	317.5
25°	300.6	298.7	296.5	295.1	292.8	293.3	294.6	296.5	297.8	299.7	301.5
27.5°	283.7	283.7	281.4	280.9	280.0	279.6	281.4	282.3	282.3	283.7	285.5
30°	270.4	270.4	268.1	267.7	267.2	267.2	268.6	269.0	269.5	270.9	271.8
32.5°	257.6	257.2	256.3	256.7	256.3	256.7	256.7	257.2	258.1	258.5	260.4
35°	245.8	246.2	245.3	245.3	244.8	245.3	246.2	246.7	247.1	248.0	248.0
37.5°	234.3	235.2	234.8	236.2	236.2	236.2	236.2	237.1	237.1	237.1	236.6
40°	224.3	224.3	223.8	224.7	225.7	225.7	226.1	226.1	226.6	226.6	226.1
42.5°	212.9	213.8	215.1	215.6	216.5	216.1	217.4	217.0	217.4	216.5	215.6
45°	202.4	202.4	204.2	206.0	206.5	206.5	206.5	207.4	206.5	205.1	204.6
47.5°	190.9	191.9	192.8	195.0	195.5	195.5	195.5	195.5	194.6	194.6	194.6
50°	179.5	180.0	180.4	181.3	182.7	182.3	182.3	182.3	184.1	182.3	182.7
52.5°	165.8	166.3	166.7	168.6	168.1	168.1	168.6	168.6	169.9	169.5	168.6
55°	152.1	152.1	153.0	153.0	153.0	153.9	154.4	155.3	154.9	155.3	155.8
57.5°	138.4	137.5	137.0	137.0	138.4	138.0	138.4	138.4	140.2	141.1	141.6
60°	122.4	122.4	122.0	119.2	119.2	118.8	120.1	121.0	122.0	126.1	125.6
62.5°	106.0	104.1	102.3	102.8	100.0	101.4	100.5	101.4	104.1	107.3	107.8
65°	89.5	88.2	86.3	85.9	85.0	86.3	85.9	86.3	87.7	89.5	91.8
67.5°	74.9	74.5	73.5	73.1	73.1	73.1	74.0	74.0	74.5	75.8	77.2
70°	64.0	63.5	64.0	63.0	63.5	63.0	63.5	64.0	64.4	64.9	66.2
72.5°	53.9	53.9	53.9	53.0	53.9	53.4	53.4	53.9	54.4	54.8	55.7
75°	42.9	42.0	41.1	40.2	39.7	40.7	41.1	40.7	42.0	43.9	43.9
77.5°	32.4	32.0	32.0	32.0	32.4	32.0	32.9	32.4	32.9	32.9	33.8
80°	25.1	24.7	25.1	25.1	24.7	25.6	25.1	25.1	25.6	26.0	25.6
82.5°	18.3	18.7	18.3	18.3	18.3	19.2	18.3	18.3	18.3	18.7	18.7
85°	11.4	11.4	11.4	11.4	11.9	11.4	11.9	11.4	12.3	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°	19.6	19.6	20.6	21.6	20.6	20.6	20.6	21.6	20.6	19.6	19.6
92.5°	126.8	114.6	99.9	93.1	89.2	89.2	89.2	93.1	99.9	114.6	126.8
95°	395.3	347.8	299.8	269.4	251.8	239.1	251.8	269.4	299.8	347.8	395.3
97.5°	807.3	752.4	685.8	627.0	597.6	574.1	597.6	627.0	685.8	752.4	807.3
100°	1116.8	1080.6	995.4	935.6	906.3	898.4	906.3	935.6	995.4	1080.6	1116.8
102.5°	1310.9	1301.1	1257.0	1217.8	1186.5	1180.6	1186.5	1217.8	1257.0	1301.1	1310.9
105°	1383.9	1404.0	1405.9	1398.1	1384.4	1378.5	1384.4	1398.1	1405.9	1404.0	1383.9
107.5°	1361.8	1403.0	1446.1	1463.7	1471.6	1472.5	1471.6	1463.7	1446.1	1403.0	1361.8
110°	1283.4	1337.3	1406.9	1448.0	1465.7	1474.5	1465.7	1448.0	1406.9	1337.3	1283.4

TEST NUMBER: P1026231

CATALOG NUMBER: S124RDIP-B350D1035UB27-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
112.5°	1187.4	1241.3	1322.6	1374.6	1401.0	1416.7	1401.0	1374.6	1322.6	1241.3	1187.4
115°	1101.2	1148.2	1225.6	1284.4	1315.8	1323.6	1315.8	1284.4	1225.6	1148.2	1101.2
117.5°	1033.6	1074.8	1143.3	1194.3	1227.6	1232.5	1227.6	1194.3	1143.3	1074.8	1033.6
120°	988.0	1022.8	1078.7	1121.8	1147.3	1158.0	1147.3	1121.8	1078.7	1022.8	988.0
122.5°	958.2	987.6	1032.6	1067.9	1088.5	1099.3	1088.5	1067.9	1032.6	987.6	958.2
125°	937.2	964.1	1003.2	1031.7	1050.3	1056.2	1050.3	1031.7	1003.2	964.1	937.2
127.5°	917.0	942.5	981.7	1007.2	1022.8	1028.7	1022.8	1007.2	981.7	942.5	917.0
130°	893.0	919.0	959.2	983.7	999.3	1005.2	999.3	983.7	959.2	919.0	893.0
132.5°	864.6	890.6	929.8	958.2	972.9	978.8	972.9	958.2	929.8	890.6	864.6
135°	831.8	856.3	895.5	922.9	938.6	944.5	938.6	922.9	895.5	856.3	831.8
137.5°	796.6	819.1	856.3	884.7	897.4	904.3	897.4	884.7	856.3	819.1	796.6
140°	762.2	782.8	817.1	838.7	852.4	860.2	852.4	838.7	817.1	782.8	762.2
142.5°	730.4	747.5	776.9	796.5	808.3	813.2	808.3	796.5	776.9	747.5	730.4
145°	701.5	715.2	739.7	756.4	766.2	771.0	766.2	756.4	739.7	715.2	701.5
147.5°	677.5	688.8	707.4	722.1	729.9	731.9	729.9	722.1	707.4	688.8	677.5
150°	655.4	664.3	679.9	692.7	698.5	699.5	698.5	692.7	679.9	664.3	655.4
152.5°	636.8	643.7	656.4	666.2	669.2	670.1	669.2	666.2	656.4	643.7	636.8
155°	619.2	625.1	634.9	642.7	645.6	645.6	645.6	642.7	634.9	625.1	619.2
157.5°	602.5	607.4	615.3	621.1	623.1	623.1	623.1	621.1	615.3	607.4	602.5
160°	585.9	589.8	595.7	601.6	602.5	602.5	602.5	601.6	595.7	589.8	585.9
162.5°	569.7	573.1	577.1	582.9	583.9	582.9	583.9	582.9	577.1	573.1	569.7
165°	555.0	557.5	561.4	565.3	564.3	563.3	564.3	565.3	561.4	557.5	555.0
167.5°	542.3	543.8	545.7	548.6	548.6	547.7	548.6	548.6	545.7	543.8	542.3
170°	529.6	531.0	533.0	534.0	533.0	533.0	533.0	534.0	533.0	531.0	529.6
172.5°	518.3	519.3	520.2	521.2	520.2	518.3	520.2	521.2	520.2	519.3	518.3
175°	509.5	509.5	509.5	511.4	509.5	507.5	509.5	511.4	509.5	509.5	509.5
177.5°	503.1	503.6	502.6	503.6	501.6	499.7	501.6	503.6	502.6	503.6	503.1
180°	498.7	498.7	498.7	498.7	498.7	498.7	498.7	498.7	498.7	498.7	498.7

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CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
0°	566.9	566.9	566.9	566.9	566.9	566.9	566.9	566.9	566.9	566.9	566.9
2.5°	536.7	539.0	538.1	534.9	536.3	539.0	541.8	545.4	547.7	549.5	550.4
5°	505.2	509.3	508.4	508.4	510.2	514.8	519.4	527.1	529.9	533.1	537.6
7.5°	477.3	480.5	483.3	484.2	486.9	492.9	498.8	507.5	514.3	518.0	520.7
10°	452.7	455.0	459.1	461.4	464.1	471.4	480.1	489.2	496.1	502.5	506.1
12.5°	421.2	430.3	435.8	439.4	443.1	454.1	460.9	471.0	479.2	485.1	490.6
15°	386.0	397.0	400.1	414.3	423.4	432.1	442.6	454.5	462.3	469.1	476.4
17.5°	356.3	364.1	367.7	382.8	390.6	404.3	419.3	434.4	446.3	451.3	458.6
20°	337.6	341.7	349.0	354.0	362.2	378.2	394.7	412.9	430.8	435.8	443.1
22.5°	318.4	323.9	328.9	335.7	342.1	353.1	369.5	389.6	408.8	418.0	426.6
25°	301.0	306.5	309.7	317.0	323.0	333.9	345.3	365.9	388.7	396.5	410.2
27.5°	287.3	290.5	296.0	299.2	306.0	316.1	326.6	342.1	364.5	377.8	391.0
30°	273.6	275.9	280.5	285.0	290.1	296.9	308.8	323.9	344.4	355.8	369.1
32.5°	259.9	263.6	266.3	269.5	275.0	283.2	291.4	306.0	322.5	335.3	348.5
35°	248.5	249.9	253.5	257.2	260.8	268.1	276.8	291.0	305.6	315.6	327.5
37.5°	236.2	238.4	241.2	242.6	248.5	253.1	262.2	273.2	290.5	296.9	308.8
40°	226.6	226.1	228.9	231.1	233.9	241.2	246.7	258.5	272.2	282.3	289.6
42.5°	214.7	214.7	215.6	218.3	222.0	226.6	233.0	243.0	257.2	264.5	273.2
45°	205.1	203.7	204.2	206.0	208.3	212.9	219.3	227.9	242.1	248.0	257.2
47.5°	193.7	192.3	192.3	194.1	196.0	199.2	204.2	214.2	225.7	233.4	240.3
50°	180.9	181.3	180.9	182.3	183.2	186.4	191.9	200.1	210.6	217.0	224.7
52.5°	169.0	168.1	167.6	168.6	170.4	172.7	178.6	185.9	196.0	202.4	209.2
55°	154.4	155.3	155.3	155.3	158.0	159.0	163.5	170.8	180.9	185.9	192.3
57.5°	141.1	140.7	141.6	141.1	143.4	146.6	150.3	155.8	165.8	170.8	176.8
60°	126.5	127.0	127.4	127.4	129.3	132.5	136.6	141.6	149.8	154.9	160.3
62.5°	108.7	111.0	113.3	114.2	116.9	119.2	122.0	127.4	134.8	138.4	143.4
65°	91.8	95.0	98.2	100.5	102.3	104.6	108.3	113.3	119.2	122.9	127.9
67.5°	77.2	79.5	83.6	85.9	89.5	92.3	94.6	98.7	106.0	107.3	111.5
70°	66.7	67.6	69.4	71.3	75.4	77.7	80.4	84.5	90.0	93.2	95.5
72.5°	56.2	56.6	57.6	59.4	61.2	64.0	67.1	70.8	75.8	77.2	80.4
75°	44.8	47.5	47.5	48.9	50.2	51.6	54.4	58.0	61.2	63.5	65.3
77.5°	33.3	34.7	35.6	37.9	39.7	41.1	42.9	45.7	47.5	49.3	50.7
80°	26.0	26.5	27.0	27.0	27.9	29.7	31.5	33.3	35.6	36.5	37.9
82.5°	19.2	19.2	19.2	20.1	20.6	21.0	21.0	21.9	24.2	25.1	26.5
85°	12.3	12.3	12.3	12.3	12.8	13.2	13.7	14.2	14.2	14.2	15.1
87.5°	5.0	5.9	5.5	5.9	5.9	5.9	5.9	6.4	6.4	6.9	6.9
90°	19.6	18.6	17.6	16.7	17.6	15.7	13.7	13.7	7.8	7.8	7.8
92.5°	139.1	176.4	236.1	319.4	384.1	336.0	244.0	148.9	88.2	75.4	62.7
95°	442.8	574.1	726.0	821.0	798.5	602.5	368.4	207.7	122.5	101.9	81.3
97.5°	862.2	969.9	1045.4	1029.7	854.3	577.1	336.0	197.9	130.3	112.6	95.0
100°	1153.1	1201.2	1181.6	1038.5	787.7	511.4	311.6	200.8	143.0	127.4	111.7
102.5°	1320.7	1291.3	1174.7	965.0	704.4	467.3	304.7	210.6	159.7	145.0	130.3
105°	1363.8	1266.8	1097.3	872.9	642.7	445.8	308.6	227.3	180.3	166.1	151.9
107.5°	1320.7	1185.5	1002.3	797.5	602.5	439.9	320.4	244.9	201.8	187.6	173.4
110°	1229.6	1087.5	918.0	743.6	583.9	441.9	334.1	265.5	222.4	209.2	195.9

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CATALOG NUMBER: S124RDIP-B350D1035UB27-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
112.5°	1133.5	1001.3	856.3	713.2	575.1	447.7	348.8	285.1	244.0	230.8	217.5
115°	1054.2	939.6	819.1	696.6	573.1	455.6	364.5	305.7	266.5	253.2	240.0
117.5°	992.5	899.4	797.5	687.8	572.2	463.4	380.1	325.3	288.0	274.3	260.6
120°	953.3	874.9	783.8	680.9	572.2	472.2	396.8	345.8	308.6	294.9	281.2
122.5°	928.8	859.2	772.0	673.1	571.2	481.0	412.5	365.4	328.2	315.0	301.8
125°	910.2	842.6	758.3	664.3	570.2	489.9	428.1	383.1	347.8	334.1	320.4
127.5°	891.6	824.0	742.6	652.5	568.2	496.7	441.9	399.7	365.4	351.7	338.0
130°	867.1	800.4	723.0	641.7	567.3	504.6	454.6	416.4	383.1	368.9	354.7
132.5°	838.7	774.0	702.5	631.9	566.3	511.4	467.3	430.1	396.8	383.6	370.3
135°	807.3	747.5	683.9	622.1	565.3	518.3	478.1	442.8	410.5	397.8	385.0
137.5°	774.0	722.1	666.2	613.3	565.3	522.2	485.9	452.6	422.3	410.0	397.8
140°	741.7	697.6	651.5	606.5	564.3	527.1	493.8	462.4	433.0	421.2	409.5
142.5°	713.2	677.0	637.8	600.6	564.3	531.0	499.7	471.3	442.8	431.6	420.3
145°	687.8	658.4	625.1	593.7	562.4	532.0	503.6	477.1	451.7	440.9	430.1
147.5°	666.2	641.7	614.3	587.8	559.4	533.0	507.5	484.0	459.5	449.7	439.9
150°	646.6	627.0	604.5	581.0	556.5	533.0	510.4	488.9	467.3	458.0	448.7
152.5°	630.0	612.3	593.7	573.1	551.6	531.0	512.4	492.8	474.2	465.8	457.5
155°	613.3	598.6	582.9	565.3	546.7	529.1	513.4	496.7	480.1	472.8	465.4
157.5°	597.6	584.9	571.2	557.5	541.8	527.1	513.4	499.7	485.0	479.1	473.2
160°	582.0	571.2	560.4	548.6	535.9	524.2	513.4	501.6	489.9	484.5	479.1
162.5°	566.3	558.4	549.6	540.8	530.0	521.2	513.4	503.6	492.8	488.9	485.0
165°	552.6	545.7	539.8	532.0	524.2	517.3	511.4	503.6	494.8	491.8	488.9
167.5°	540.8	534.9	530.0	524.2	518.3	513.4	509.5	503.6	496.7	494.2	491.8
170°	528.1	524.2	521.2	516.3	512.4	509.5	507.5	502.6	497.7	496.2	494.8
172.5°	517.3	515.3	513.4	509.5	506.5	505.5	505.5	501.6	498.7	497.7	496.7
175°	509.5	507.5	506.5	504.6	502.6	502.6	503.6	500.6	498.7	498.7	498.7
177.5°	502.6	502.6	501.6	500.6	499.7	499.7	501.6	499.7	498.7	498.7	498.7
180°	498.7	498.7	498.7	498.7	498.7	498.7	498.7	498.7	498.7	498.7	498.7

TEST NUMBER: P1026231

CATALOG NUMBER: S124RDIP-B350D1035UB27-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
0°	566.9	566.9	566.9	566.9
2.5°	554.1	556.8	561.4	567.8
5°	541.3	549.1	556.4	566.0
7.5°	529.9	539.0	549.1	562.8
10°	516.6	528.1	540.8	557.7
12.5°	501.1	517.1	531.7	550.0
15°	489.7	501.6	520.3	541.8
17.5°	473.7	489.7	508.4	532.6
20°	458.6	475.5	496.5	521.7
22.5°	442.6	461.8	482.8	509.8
25°	426.2	446.7	467.8	496.5
27.5°	411.1	429.8	453.6	482.8
30°	392.8	414.3	437.1	467.8
32.5°	375.0	397.4	420.7	451.3
35°	355.8	378.2	403.8	433.0
37.5°	337.1	361.8	385.1	413.4
40°	316.6	342.1	366.3	395.1
42.5°	296.5	323.0	347.2	371.8
45°	277.7	303.8	325.7	349.0
47.5°	259.9	283.2	305.6	326.6
50°	242.6	262.2	282.8	300.1
52.5°	224.3	243.0	259.5	275.0
55°	207.8	222.5	237.1	251.2
57.5°	188.2	202.8	215.6	226.6
60°	171.8	180.9	193.2	204.6
62.5°	153.0	163.5	173.1	180.4
65°	134.8	143.9	151.2	157.6
67.5°	119.2	124.7	130.2	137.0
70°	100.5	105.1	111.5	116.5
72.5°	84.5	88.2	91.4	97.3
75°	68.5	71.7	73.5	79.0
77.5°	53.0	56.2	57.6	60.8
80°	40.7	41.1	42.9	45.7
82.5°	27.9	28.8	29.2	31.5
85°	16.0	18.3	17.8	18.7
87.5°	6.9	7.3	8.2	9.1
90°	6.9	5.9	2.9	1.0
92.5°	45.1	30.4	19.6	13.7
95°	57.8	45.1	35.3	32.3
97.5°	74.5	62.7	53.9	53.9
100°	93.1	81.3	74.5	74.5
102.5°	112.7	101.9	96.0	94.1
105°	134.2	122.5	117.6	114.6
107.5°	156.8	144.0	139.1	137.2
110°	178.3	166.6	161.7	159.7



TEST NUMBER: P1026231

CATALOG NUMBER: S124RDIP-B350D1035UB27-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
112.5°	199.9	189.1	183.2	181.3
115°	221.4	211.6	204.8	201.8
117.5°	243.0	232.2	226.3	223.4
120°	264.5	253.8	246.9	244.9
122.5°	283.1	273.3	266.5	264.5
125°	301.8	291.0	285.1	281.2
127.5°	318.4	306.7	299.8	296.9
130°	336.0	321.4	313.5	309.6
132.5°	349.8	336.0	325.3	322.3
135°	364.5	347.8	338.0	334.1
137.5°	376.2	360.5	349.8	345.8
140°	389.0	372.3	361.5	358.6
142.5°	400.7	385.0	375.2	372.3
145°	411.5	397.8	388.0	385.0
147.5°	424.2	409.5	400.7	399.7
150°	434.0	422.3	414.4	413.4
152.5°	444.8	434.0	426.2	426.2
155°	454.6	444.8	438.9	437.9
157.5°	463.4	455.6	449.7	449.7
160°	471.3	464.4	460.5	460.5
162.5°	478.1	472.2	469.3	470.3
165°	484.0	479.1	477.1	477.1
167.5°	488.9	485.0	484.0	485.0
170°	492.8	489.9	488.9	489.9
172.5°	495.7	493.8	493.8	494.8
175°	497.7	496.7	496.7	497.7
177.5°	498.7	497.7	498.7	499.7
180°	498.7	498.7	498.7	498.7

(END OF REPORT)