

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: P1009732

Luminaire Tested: S122RDIP-B1005D530UB40-4F0-XX-W2A-A4

Issue Date: 5/6/2025

Test Information

Test Method: LM-79-2019
Report Number: P1009732
REPORT IS A COMBINATION OF REPORTS P987928 AND P1007351
Test Lab: INNOVATION CENTER
Issue Date: 5/6/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: NEO-RAY
Catalog Number: S122RDIP-B1005D530UB40-4F0-XX-W2A-A4
Description: Define 2 Regressed Direct/Indirect Pendant with 4000K BioUP LEDs {m-DER=0.865}
{m-EER=0.951}
Light Source: -
Ballast/Driver: -

Summary

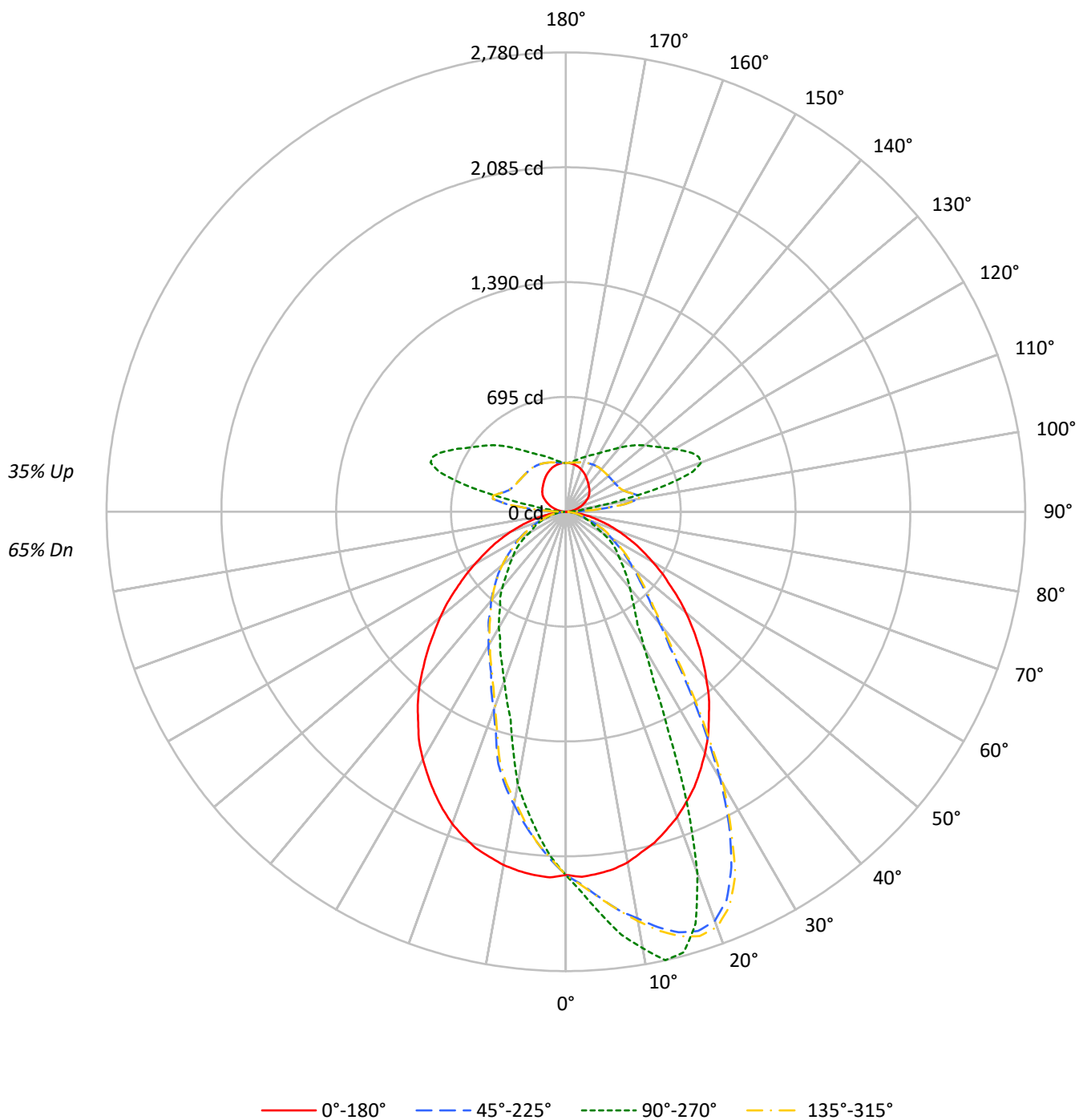
Lumens per Lamp: N/A
Luminaire Lumens: 5858.0 lumens
Efficiency: N/A
Efficacy: 76.4 lumens/watt
Spacing Criteria (0/90/45): 1.16 / 0.85 / 1.01
Luminous Opening: Rectangular w/ Sides (W: 0.17' x L: 4' x H: 0.1')
CIE Type: Semi-Direct

Input Watts (W): 76.7
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	111	111	111	111	104	104	104	104	92	92	92	80	80	80	70	70	70
1	102	98	94	91	96	92	89	86	82	80	77	72	70	69	63	62	61
2	94	87	81	76	88	82	77	73	73	69	66	65	62	59	57	55	53
3	86	77	71	65	81	73	67	62	65	61	57	58	55	51	52	49	46
4	80	69	62	56	75	66	59	54	59	54	49	53	49	45	47	44	41
5	74	63	55	49	69	59	52	47	54	48	44	48	44	40	43	39	37
6	68	57	49	43	64	54	47	42	49	43	39	44	39	36	39	36	33
7	64	52	44	39	60	49	42	37	45	39	35	40	36	32	36	33	30
8	59	47	40	35	56	45	38	34	41	36	31	37	33	29	34	30	27
9	56	44	36	32	53	42	35	31	38	33	29	35	30	27	31	28	25
10	52	40	33	29	49	39	32	28	35	30	26	32	28	25	29	26	23

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	34790	34790	34790	34790
5°	34870	36952	34991	29520
10°	34486	39056	34731	24377
15°	33737	39069	34309	18313
20°	32837	32295	33552	15109
25°	31746	20180	32433	12854
30°	30353	12920	31178	11065
35°	28658	9930	29585	9470
40°	26768	8347	27912	8283
45°	24749	7104	25784	6953
50°	22680	6036	23739	6014
55°	20390	5245	21487	5177
60°	18352	4000	19326	3952
65°	16452	3009	17430	3415
70°	14352	2404	15478	2783
75°	12133	1841	13241	2105
80°	9636	1253	10363	1381
85°	6681	647	7331	682

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 165°

Vertical Angle: 45°

Luminance: 31825 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	208.5	3.6
10°-20°	581.9	9.9
20°-30°	748.9	12.8
30°-40°	710.4	12.1
40°-50°	608.9	10.4
50°-60°	463.7	7.9
60°-70°	292.4	5.0
70°-80°	145.9	2.5
80°-90°	39.4	0.7
90°-100°	115.2	2.0
100°-110°	405.7	6.9
110°-120°	426.1	7.3
120°-130°	350.5	6.0
130°-140°	281.6	4.8
140°-150°	212.7	3.6
150°-160°	149.5	2.6
160°-170°	88.0	1.5
170°-180°	28.6	0.5
0°-30°	1539.2	26.3
0°-40°	2249.6	38.4
0°-60°	3322.2	56.7
0°-90°	3799.9	64.9
90°-120°	947.0	16.2
90°-150°	1791.9	30.6
90°-180°	2058.0	35.1
0°-180°	5858.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	2198	2198	2198	2198	2198	
5°	2199	2445	2207	1953	2199	209
15°	2072	2760	2108	1294	2072	583
25°	1839	1472	1879	938	1839	844
35°	1509	726	1558	692	1509	944
45°	1133	504	1181	493	1133	875
55°	765	350	806	345	765	690
65°	463	182	490	206	463	459
75°	217	96	237	110	217	235
85°	47	28	52	29	47	54
90°	1	19	1	19	1	4
95°	20	65	20	65	20	21
105°	69	640	69	640	69	74
115°	122	843	122	843	122	121
125°	170	684	170	684	170	152
135°	200	567	200	567	200	155
145°	228	452	228	452	228	143
155°	260	380	260	380	260	120
165°	283	334	283	334	283	80
175°	295	301	295	301	295	28
180°	296	296	296	296	296	

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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	2197.8	2197.8	2197.8	2197.8	2197.8	2197.8	2197.8	2197.8	2197.8	2197.8	2197.8
2.5°	2211.5	2220.7	2225.2	2231.4	2245.1	2254.3	2268.0	2271.1	2269.5	2275.7	2258.9
5°	2199.3	2219.1	2237.5	2252.7	2277.2	2292.5	2309.3	2329.1	2333.7	2356.6	2342.9
7.5°	2182.5	2211.5	2237.5	2268.0	2304.7	2324.5	2350.5	2381.0	2394.8	2422.3	2429.9
10°	2155.0	2196.2	2240.5	2272.6	2323.0	2358.1	2382.6	2431.4	2463.5	2504.7	2498.6
12.5°	2110.7	2164.2	2223.7	2277.2	2342.9	2365.8	2411.6	2462.0	2503.2	2541.4	2575.0
15°	2072.5	2133.6	2199.3	2265.0	2339.8	2382.6	2428.4	2494.1	2538.3	2605.5	2634.6
17.5°	2020.6	2098.5	2176.4	2249.7	2338.3	2387.1	2443.7	2507.8	2573.5	2637.6	2660.5
20°	1967.1	2051.1	2135.1	2234.4	2335.2	2382.6	2440.6	2520.0	2584.2	2634.6	2634.6
22.5°	1903.0	2005.3	2101.5	2196.2	2306.2	2374.9	2434.5	2527.7	2573.5	2584.2	2542.9
25°	1838.8	1941.2	2046.6	2164.2	2289.4	2350.5	2417.7	2504.7	2520.0	2477.3	2370.3
27.5°	1762.5	1877.0	1996.2	2122.9	2254.3	2330.6	2391.7	2449.8	2420.7	2306.2	2139.7
30°	1684.6	1808.3	1942.7	2063.4	2222.2	2292.5	2344.4	2361.2	2269.5	2083.2	1867.9
32.5°	1603.6	1724.3	1866.3	2011.4	2171.8	2239.0	2272.6	2228.3	2060.3	1825.1	1562.4
35°	1509.0	1644.9	1793.0	1944.2	2103.1	2153.5	2173.3	2064.9	1849.5	1545.6	1284.4
37.5°	1423.4	1559.4	1718.2	1872.4	2026.7	2054.2	2034.3	1864.8	1591.4	1290.6	1035.5
40°	1322.6	1467.7	1623.5	1796.1	1922.8	1930.5	1881.6	1661.7	1322.6	1040.1	882.8
42.5°	1229.5	1376.1	1531.9	1707.5	1803.7	1777.8	1712.1	1423.4	1104.2	896.5	769.8
45°	1133.2	1272.2	1440.2	1596.0	1664.7	1603.6	1504.4	1197.4	927.1	771.3	673.5
47.5°	1040.1	1169.9	1336.4	1486.0	1498.3	1429.5	1311.9	1003.4	803.4	678.1	598.7
50°	948.4	1078.3	1234.0	1357.8	1345.5	1250.8	1118.0	872.1	698.0	598.7	533.0
52.5°	856.8	974.4	1125.6	1223.4	1171.4	1079.8	948.4	739.2	609.4	522.3	471.9
55°	765.2	875.1	1005.0	1085.9	1003.4	898.0	804.9	633.8	528.4	458.2	420.0
57.5°	688.8	775.9	895.0	943.9	844.6	762.1	681.2	545.2	458.2	407.8	363.5
60°	604.8	684.2	782.0	811.0	708.7	641.5	572.7	461.2	392.5	348.2	319.2
62.5°	533.0	598.7	673.5	673.5	583.4	533.0	481.1	386.4	329.9	294.8	281.0
65°	462.8	510.1	563.6	557.5	481.1	436.8	395.6	319.2	276.4	252.0	238.3
67.5°	394.0	430.7	465.8	444.4	389.5	351.3	313.1	258.1	229.1	212.3	194.0
70°	331.4	360.4	378.8	358.9	303.9	271.9	244.4	207.7	184.8	163.4	152.7
72.5°	278.0	290.2	296.3	271.9	226.0	207.7	187.9	161.9	142.0	131.3	128.3
75°	216.9	227.6	223.0	204.7	166.5	152.7	137.5	119.1	114.5	108.4	105.4
77.5°	169.5	169.5	161.9	145.1	119.1	108.4	102.3	93.2	88.6	87.1	84.0
80°	120.7	119.1	114.5	96.2	80.9	74.8	74.8	68.7	67.2	64.1	64.1
82.5°	79.4	79.4	73.3	58.0	53.5	51.9	50.4	47.3	47.3	45.8	45.8
85°	47.3	44.3	36.7	32.1	30.5	30.5	29.0	27.5	29.0	27.5	27.5
87.5°	21.4	16.8	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2
90°	0.6	2.3	4.5	5.7	6.8	7.6	8.5	11.4	15.3	18.8	19.3
92.5°	8.5	11.9	16.5	19.3	23.9	27.0	30.1	45.5	67.1	86.4	87.5
95°	19.9	22.2	27.8	33.0	42.1	48.9	55.7	81.8	131.3	197.2	222.8
97.5°	29.6	33.0	39.2	46.6	56.8	64.5	72.2	105.7	174.5	280.8	363.2
100°	43.8	45.5	50.6	59.7	71.0	79.0	87.0	117.1	186.4	309.2	449.0
102.5°	56.8	58.0	63.1	72.2	84.1	92.0	100.0	127.3	187.0	298.4	451.8
105°	69.3	71.6	75.6	84.1	96.6	104.6	112.5	139.2	189.8	283.6	421.1
107.5°	83.0	84.7	88.7	96.6	109.1	117.0	125.0	151.2	196.1	275.6	392.7
110°	96.6	98.9	102.3	109.7	121.6	129.8	138.1	163.1	204.0	273.4	373.4

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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	109.1	111.4	115.4	122.2	133.6	142.1	150.6	174.5	212.6	273.9	360.9
115°	122.2	125.0	128.4	135.3	146.6	154.3	162.0	186.4	221.1	276.2	352.4
117.5°	135.8	138.1	141.5	147.8	158.6	166.6	174.5	197.2	230.2	279.6	347.8
120°	148.3	150.6	154.0	159.1	170.5	178.4	186.4	208.6	239.3	283.0	343.8
122.5°	160.3	162.0	165.4	171.1	182.4	190.6	198.9	219.4	247.2	287.0	341.6
125°	170.5	172.2	175.6	182.4	193.8	201.8	209.7	230.2	255.7	291.0	338.7
127.5°	179.0	181.3	185.8	193.2	204.0	212.2	220.5	240.4	263.7	295.0	337.0
130°	186.4	188.7	194.4	202.3	213.7	221.6	229.6	249.5	271.1	299.5	335.9
132.5°	193.2	196.1	202.3	210.9	222.8	230.8	238.7	257.5	278.5	304.1	335.3
135°	200.1	202.3	209.1	217.7	230.7	238.7	246.7	264.8	284.7	307.5	334.7
137.5°	206.3	209.1	216.0	225.1	238.1	245.5	252.9	271.1	289.8	310.9	334.7
140°	213.7	216.0	222.8	231.9	244.4	251.8	259.2	276.2	293.8	313.2	334.2
142.5°	221.1	222.8	229.0	238.1	250.1	256.9	263.7	280.2	297.2	314.9	334.2
145°	228.5	230.7	236.4	245.0	256.3	262.6	268.8	284.2	300.1	316.0	333.0
147.5°	236.4	238.1	243.8	251.8	261.4	267.1	272.8	287.6	301.8	316.6	331.3
150°	244.4	246.1	250.6	258.0	266.5	271.6	276.8	289.8	302.9	316.0	329.6
152.5°	252.3	252.9	257.5	263.7	271.7	276.2	280.8	292.1	303.5	314.9	326.8
155°	259.7	260.3	263.7	270.0	276.2	280.4	284.7	294.4	304.1	313.7	323.4
157.5°	266.0	266.5	269.4	275.1	280.2	283.9	287.6	296.1	304.1	311.4	320.0
160°	272.2	272.8	275.1	279.6	284.2	287.3	290.4	297.2	304.1	309.7	316.6
162.5°	278.5	277.9	280.2	283.6	287.6	289.8	292.1	297.8	303.5	308.0	313.7
165°	283.0	282.5	283.6	287.0	289.8	291.6	293.3	298.4	302.4	305.8	309.7
167.5°	287.0	286.4	287.6	289.8	292.1	293.2	294.4	298.4	301.8	303.5	306.3
170°	291.0	289.8	290.4	292.1	293.3	294.2	295.0	297.8	300.6	301.8	303.5
172.5°	293.3	292.7	292.1	293.8	294.4	295.0	295.5	297.2	298.9	299.5	300.1
175°	295.0	294.4	293.8	295.0	295.0	295.2	295.5	296.7	297.8	297.2	297.8
177.5°	296.1	295.0	294.4	295.5	295.5	295.5	295.5	296.1	297.2	296.1	295.5
180°	295.5	295.5	295.5	295.5	295.5	295.5	295.5	295.5	295.5	295.5	295.5

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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	2197.8	2197.8	2197.8	2197.8	2197.8	2197.8	2197.8	2197.8	2197.8	2197.8	2197.8
2.5°	2275.7	2278.7	2283.3	2304.7	2307.7	2313.8	2310.8	2310.8	2312.3	2309.3	2310.8
5°	2373.4	2378.0	2400.9	2426.9	2433.0	2426.9	2434.5	2445.2	2445.2	2445.2	2442.1
7.5°	2465.0	2481.8	2507.8	2546.0	2553.6	2561.3	2575.0	2565.8	2568.9	2582.6	2578.1
10°	2553.6	2578.1	2607.1	2639.1	2655.9	2666.6	2672.7	2686.5	2718.6	2681.9	2695.7
12.5°	2637.6	2672.7	2703.3	2738.4	2750.6	2764.4	2769.0	2781.2	2781.2	2779.7	2790.3
15°	2692.6	2724.7	2752.2	2775.1	2778.1	2775.1	2772.0	2773.5	2778.1	2759.8	2770.5
17.5°	2704.8	2707.9	2717.0	2707.9	2709.4	2677.3	2659.0	2654.4	2611.7	2613.2	2648.3
20°	2645.3	2593.3	2579.6	2529.2	2498.6	2416.2	2413.1	2390.2	2300.1	2327.6	2321.5
22.5°	2481.8	2393.3	2275.7	2217.6	2188.6	2101.5	2034.3	1987.0	1954.9	1922.8	1909.1
25°	2266.5	2122.9	1956.4	1841.9	1825.1	1744.2	1620.4	1562.4	1493.7	1472.3	1509.0
27.5°	1988.5	1802.2	1614.3	1438.7	1406.6	1333.3	1270.7	1229.5	1150.0	1145.5	1148.5
30°	1611.3	1423.4	1266.1	1151.6	1072.2	1038.6	997.3	966.8	934.7	946.9	950.0
32.5°	1324.2	1145.5	998.8	937.8	901.1	879.7	844.6	824.7	811.0	806.4	804.9
35°	1052.3	933.2	867.5	807.9	786.6	771.3	745.3	736.1	723.9	725.5	725.5
37.5°	901.1	801.8	753.0	722.4	702.5	694.9	678.1	668.9	661.3	658.3	662.8
40°	777.4	708.7	678.1	650.6	633.8	630.8	621.6	610.9	601.7	603.3	607.9
42.5°	687.3	647.6	610.9	589.5	577.3	572.7	565.1	557.5	557.5	552.9	551.3
45°	615.5	583.4	552.9	533.0	525.4	519.3	510.1	508.6	502.5	504.0	505.5
47.5°	551.3	525.4	502.5	482.6	475.0	473.5	464.3	458.2	458.2	456.7	455.1
50°	493.3	467.3	447.5	436.8	426.1	423.1	421.5	420.0	416.9	416.9	418.5
52.5°	446.0	420.0	404.7	395.6	389.5	386.4	386.4	384.9	384.9	384.9	383.3
55°	394.0	372.7	360.4	357.4	354.3	352.8	351.3	348.2	346.7	349.7	346.7
57.5°	345.2	337.5	326.8	323.8	316.1	316.1	311.6	308.5	305.5	308.5	308.5
60°	307.0	296.3	290.2	281.0	274.9	268.8	261.2	259.6	256.6	255.1	253.5
62.5°	267.3	258.1	242.8	229.1	219.9	213.8	210.8	209.2	209.2	207.7	207.7
65°	223.0	201.6	194.0	189.4	187.9	186.3	183.3	181.7	183.3	181.7	183.3
67.5°	174.1	171.1	166.5	163.4	161.9	160.4	160.4	158.8	158.8	158.8	158.8
70°	151.2	143.6	142.0	139.0	139.0	137.5	137.5	137.5	137.5	135.9	139.0
72.5°	125.2	120.7	119.1	117.6	117.6	117.6	116.1	116.1	116.1	114.5	116.1
75°	102.3	100.8	97.7	97.7	96.2	97.7	96.2	96.2	94.7	96.2	96.2
77.5°	82.5	80.9	79.4	79.4	77.9	77.9	77.9	77.9	77.9	77.9	79.4
80°	62.6	61.1	59.6	61.1	59.6	61.1	59.6	59.6	61.1	59.6	59.6
82.5°	45.8	44.3	44.3	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8
85°	27.5	26.0	26.0	27.5	26.0	27.5	26.0	26.0	26.0	27.5	27.5
87.5°	12.2	13.7	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	13.7
90°	18.8	18.2	17.0	18.2	18.5	18.8	18.8	18.8	18.8	18.8	18.8
92.5°	73.3	57.4	48.9	42.6	40.4	38.1	37.5	35.2	35.8	34.7	35.8
95°	194.9	148.9	114.2	90.4	84.2	77.9	70.5	65.9	64.2	64.8	64.2
97.5°	366.0	304.6	243.2	185.8	168.8	151.7	129.6	118.2	112.0	108.6	112.0
100°	530.8	518.9	448.4	370.6	336.2	301.8	254.6	230.2	213.7	203.5	213.7
102.5°	592.2	659.3	657.0	605.3	568.3	531.4	479.1	433.1	411.5	396.7	411.5
105°	572.3	690.5	754.7	762.1	752.8	743.4	708.1	672.9	648.5	640.5	648.5
107.5°	530.3	657.0	752.5	808.2	819.6	830.9	830.3	825.2	817.8	804.8	817.8
110°	491.0	611.0	712.7	785.4	808.7	832.0	856.5	867.3	872.4	871.8	872.4

TEST NUMBER: P1009732

CATALOG NUMBER: S122RDIP-B1005D530UB40-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	463.8	568.9	665.5	744.5	772.0	799.6	836.0	855.9	866.7	870.7	866.7
115°	442.2	535.9	623.5	697.9	727.2	756.5	796.8	822.9	837.7	842.8	837.7
117.5°	427.4	508.7	587.1	656.4	684.2	712.1	753.6	781.5	796.8	800.8	796.8
120°	416.0	489.3	559.8	620.1	646.0	671.8	711.6	738.3	754.7	760.4	754.7
122.5°	406.4	474.0	537.1	593.3	616.0	638.8	673.5	699.6	713.8	718.4	713.8
125°	397.3	459.2	517.8	567.8	589.1	610.4	643.4	664.9	679.2	683.7	679.2
127.5°	388.7	444.4	498.4	546.2	566.1	586.0	614.9	635.4	647.9	651.3	647.9
130°	380.2	430.2	479.1	524.0	542.8	561.5	589.4	608.7	620.1	624.6	620.1
132.5°	373.4	416.6	460.9	501.3	518.6	535.9	563.2	582.5	592.8	596.7	592.8
135°	367.1	404.1	441.6	479.1	495.0	510.9	535.4	554.1	564.4	566.6	564.4
137.5°	362.6	393.9	426.2	456.9	471.2	485.4	508.7	525.1	534.2	537.6	534.2
140°	358.6	384.2	411.5	437.6	450.1	462.6	480.8	495.6	504.1	507.5	504.1
142.5°	354.6	376.2	398.4	420.0	430.0	439.9	456.9	470.0	477.4	477.4	477.4
145°	351.2	368.8	387.6	405.2	413.4	421.7	435.3	445.0	450.7	452.4	450.7
147.5°	347.8	363.2	378.5	392.7	399.0	405.2	417.2	425.1	429.1	430.2	429.1
150°	343.3	356.9	369.4	381.4	386.5	391.6	400.1	406.9	410.3	410.9	410.3
152.5°	339.3	350.7	362.0	371.7	376.0	380.2	386.5	392.1	394.4	394.4	394.4
155°	334.2	345.0	354.1	362.6	365.7	368.8	375.1	379.1	381.4	380.2	381.4
157.5°	329.6	338.2	346.1	353.5	356.0	358.6	363.2	366.6	367.7	367.7	367.7
160°	324.5	331.9	338.2	344.4	346.4	348.4	352.4	355.2	355.8	355.8	355.8
162.5°	320.0	325.7	330.8	335.9	337.3	338.7	342.7	344.4	345.0	344.4	345.0
165°	314.9	319.4	323.4	327.4	328.5	329.6	331.9	334.2	334.2	333.6	334.2
167.5°	309.7	313.2	316.6	319.4	320.5	321.7	322.8	323.9	323.9	323.4	323.9
170°	305.8	308.6	310.3	312.6	313.2	313.7	314.3	316.0	315.4	314.3	315.4
172.5°	301.8	303.5	304.6	306.3	306.6	306.9	307.5	308.0	307.5	306.9	307.5
175°	298.4	300.1	300.6	301.2	301.5	301.8	301.8	302.4	301.8	300.6	301.8
177.5°	296.1	297.2	297.2	297.8	297.8	297.8	297.8	297.8	297.2	296.1	297.2
180°	295.5	295.5	295.5	295.5	295.5	295.5	295.5	295.5	295.5	295.5	295.5

TEST NUMBER: P1009732

CATALOG NUMBER: S122RDIP-B1005D530UB40-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	2197.8	2197.8	2197.8	2197.8	2197.8	2197.8	2197.8	2197.8	2197.8	2197.8	2197.8
2.5°	2316.9	2306.2	2303.1	2306.2	2303.1	2304.7	2294.0	2254.3	2265.0	2248.2	2257.3
5°	2448.2	2439.1	2419.2	2416.2	2413.1	2410.1	2394.8	2359.7	2345.9	2323.0	2321.5
7.5°	2573.5	2573.5	2558.2	2547.5	2533.8	2523.1	2503.2	2451.3	2429.9	2402.4	2387.1
10°	2697.2	2657.5	2674.3	2663.6	2630.0	2623.9	2587.2	2556.7	2515.4	2487.9	2463.5
12.5°	2785.8	2773.5	2758.3	2749.1	2739.9	2720.1	2695.7	2617.8	2596.4	2541.4	2513.9
15°	2782.7	2775.1	2779.7	2779.7	2776.6	2772.0	2752.2	2695.7	2659.0	2605.5	2558.2
17.5°	2633.0	2652.9	2672.7	2686.5	2717.0	2730.8	2749.1	2715.5	2692.6	2646.8	2596.4
20°	2371.9	2420.7	2478.8	2491.0	2518.5	2599.4	2636.1	2665.1	2674.3	2659.0	2617.8
22.5°	2008.4	2049.6	2190.1	2187.1	2226.8	2323.0	2429.9	2517.0	2585.7	2623.9	2608.6
25°	1573.1	1631.1	1706.0	1762.5	1892.3	2035.9	2168.7	2307.7	2426.9	2532.2	2558.2
27.5°	1189.8	1266.1	1325.7	1400.5	1466.2	1635.7	1806.8	2023.6	2162.6	2362.7	2466.6
30°	962.2	997.3	1056.9	1092.0	1124.1	1253.9	1447.9	1661.7	1906.0	2136.7	2315.4
32.5°	821.7	846.1	890.4	905.7	939.3	1026.3	1148.5	1344.0	1596.0	1875.5	2110.7
35°	737.7	763.6	772.8	786.6	814.0	869.0	953.0	1095.1	1322.6	1596.0	1877.0
37.5°	665.9	679.6	705.6	714.8	723.9	765.2	821.7	921.0	1072.2	1296.7	1608.2
40°	615.5	623.1	636.9	644.5	650.6	679.6	730.0	797.2	908.7	1079.8	1366.9
42.5°	562.0	571.2	580.4	589.5	597.2	620.1	650.6	714.8	789.6	919.4	1127.1
45°	510.1	516.2	526.9	533.0	543.7	562.0	589.5	633.8	701.0	783.5	951.5
47.5°	462.8	470.4	475.0	482.6	490.3	510.1	536.1	565.1	620.1	701.0	823.2
50°	420.0	429.2	435.3	436.8	442.9	461.2	482.6	514.7	549.8	612.4	719.3
52.5°	389.5	391.0	395.6	401.7	400.1	410.8	430.7	455.1	491.8	542.2	620.1
55°	354.3	358.9	362.0	363.5	363.5	372.7	383.3	406.3	435.3	476.5	542.2
57.5°	310.0	314.6	323.8	326.8	331.4	336.0	340.6	355.9	380.3	420.0	473.5
60°	264.2	267.3	276.4	282.5	285.6	297.8	303.9	316.1	329.9	358.9	409.3
62.5°	212.3	215.3	219.9	226.0	232.1	250.5	265.7	278.0	288.7	308.5	349.7
65°	184.8	186.3	189.4	190.9	192.4	200.1	213.8	230.6	250.5	265.7	290.2
67.5°	160.4	161.9	163.4	166.5	168.0	169.5	175.6	180.2	200.1	221.5	239.8
70°	137.5	140.5	142.0	142.0	143.6	146.6	149.7	155.8	161.9	172.6	195.5
72.5°	116.1	117.6	120.7	120.7	120.7	123.7	126.8	129.8	132.9	139.0	148.1
75°	96.2	99.3	99.3	99.3	100.8	100.8	103.9	106.9	110.0	114.5	117.6
77.5°	79.4	79.4	79.4	79.4	80.9	80.9	82.5	85.5	87.1	88.6	91.6
80°	59.6	61.1	61.1	61.1	62.6	62.6	62.6	65.7	67.2	67.2	70.3
82.5°	44.3	44.3	44.3	45.8	44.3	45.8	45.8	47.3	45.8	47.3	48.9
85°	27.5	27.5	27.5	29.0	29.0	29.0	29.0	29.0	29.0	29.0	30.5
87.5°	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	15.3	13.7	13.7
90°	18.8	18.8	18.8	18.5	18.2	17.0	18.2	18.8	19.3	18.8	15.3
92.5°	35.2	37.5	38.1	40.4	42.6	48.9	57.4	73.3	87.5	86.4	67.1
95°	65.9	70.5	77.9	84.2	90.4	114.2	148.9	194.9	222.8	197.2	131.3
97.5°	118.2	129.6	151.7	168.8	185.8	243.2	304.6	366.0	363.2	280.8	174.5
100°	230.2	254.6	301.8	336.2	370.6	448.4	518.9	530.8	449.0	309.2	186.4
102.5°	433.1	479.1	531.4	568.3	605.3	657.0	659.3	592.2	451.8	298.4	187.0
105°	672.9	708.1	743.4	752.8	762.1	754.7	690.5	572.3	421.1	283.6	189.8
107.5°	825.2	830.3	830.9	819.6	808.2	752.5	657.0	530.3	392.7	275.6	196.1
110°	867.3	856.5	832.0	808.7	785.4	712.7	611.0	491.0	373.4	273.4	204.0

TEST NUMBER: P1009732

CATALOG NUMBER: S122RDIP-B1005D530UB40-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	855.9	836.0	799.6	772.0	744.5	665.5	568.9	463.8	360.9	273.9	212.6
115°	822.9	796.8	756.5	727.2	697.9	623.5	535.9	442.2	352.4	276.2	221.1
117.5°	781.5	753.6	712.1	684.2	656.4	587.1	508.7	427.4	347.8	279.6	230.2
120°	738.3	711.6	671.8	646.0	620.1	559.8	489.3	416.0	343.8	283.0	239.3
122.5°	699.6	673.5	638.8	616.0	593.3	537.1	474.0	406.4	341.6	287.0	247.2
125°	664.9	643.4	610.4	589.1	567.8	517.8	459.2	397.3	338.7	291.0	255.7
127.5°	635.4	614.9	586.0	566.1	546.2	498.4	444.4	388.7	337.0	295.0	263.7
130°	608.7	589.4	561.5	542.8	524.0	479.1	430.2	380.2	335.9	299.5	271.1
132.5°	582.5	563.2	535.9	518.6	501.3	460.9	416.6	373.4	335.3	304.1	278.5
135°	554.1	535.4	510.9	495.0	479.1	441.6	404.1	367.1	334.7	307.5	284.7
137.5°	525.1	508.7	485.4	471.2	456.9	426.2	393.9	362.6	334.7	310.9	289.8
140°	495.6	480.8	462.6	450.1	437.6	411.5	384.2	358.6	334.2	313.2	293.8
142.5°	470.0	456.9	439.9	430.0	420.0	398.4	376.2	354.6	334.2	314.9	297.2
145°	445.0	435.3	421.7	413.4	405.2	387.6	368.8	351.2	333.0	316.0	300.1
147.5°	425.1	417.2	405.2	399.0	392.7	378.5	363.2	347.8	331.3	316.6	301.8
150°	406.9	400.1	391.6	386.5	381.4	369.4	356.9	343.3	329.6	316.0	302.9
152.5°	392.1	386.5	380.2	376.0	371.7	362.0	350.7	339.3	326.8	314.9	303.5
155°	379.1	375.1	368.8	365.7	362.6	354.1	345.0	334.2	323.4	313.7	304.1
157.5°	366.6	363.2	358.6	356.0	353.5	346.1	338.2	329.6	320.0	311.4	304.1
160°	355.2	352.4	348.4	346.4	344.4	338.2	331.9	324.5	316.6	309.7	304.1
162.5°	344.4	342.7	338.7	337.3	335.9	330.8	325.7	320.0	313.7	308.0	303.5
165°	334.2	331.9	329.6	328.5	327.4	323.4	319.4	314.9	309.7	305.8	302.4
167.5°	323.9	322.8	321.7	320.5	319.4	316.6	313.2	309.7	306.3	303.5	301.8
170°	316.0	314.3	313.7	313.2	312.6	310.3	308.6	305.8	303.5	301.8	300.6
172.5°	308.0	307.5	306.9	306.6	306.3	304.6	303.5	301.8	300.1	299.5	298.9
175°	302.4	301.8	301.8	301.5	301.2	300.6	300.1	298.4	297.8	297.2	297.8
177.5°	297.8	297.8	297.8	297.8	297.8	297.2	297.2	296.1	295.5	296.1	297.2
180°	295.5	295.5	295.5	295.5	295.5	295.5	295.5	295.5	295.5	295.5	295.5

TEST NUMBER: P1009732

CATALOG NUMBER: S122RDIP-B1005D530UB40-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
0°	2197.8	2197.8	2197.8	2197.8	2197.8	2197.8	2197.8	2197.8	2197.8	2197.8	2197.8
2.5°	2243.6	2235.9	2235.9	2231.4	2231.4	2206.9	2206.9	2214.6	2205.4	2194.7	2179.4
5°	2301.6	2284.8	2280.2	2274.1	2254.3	2223.7	2211.5	2206.9	2188.6	2165.7	2139.7
7.5°	2356.6	2329.1	2315.4	2301.6	2275.7	2232.9	2208.4	2191.6	2164.2	2129.0	2095.4
10°	2410.1	2374.9	2339.8	2323.0	2286.3	2232.9	2197.8	2170.3	2130.6	2083.2	2035.9
12.5°	2458.9	2385.6	2379.5	2345.9	2292.5	2231.4	2177.9	2138.2	2087.8	2032.8	1977.8
15°	2501.7	2426.9	2390.2	2359.7	2289.4	2213.0	2156.5	2107.6	2040.4	1977.8	1910.6
17.5°	2523.1	2442.1	2417.7	2367.3	2295.5	2196.2	2119.9	2060.3	1987.0	1912.2	1835.8
20°	2544.5	2449.8	2410.1	2374.9	2277.2	2164.2	2078.6	2009.9	1929.0	1840.4	1756.4
22.5°	2555.1	2449.8	2402.4	2353.5	2258.9	2129.0	2028.2	1947.3	1852.6	1762.5	1661.7
25°	2536.8	2440.6	2384.1	2333.7	2226.8	2086.3	1970.2	1878.6	1777.8	1675.4	1573.1
27.5°	2491.0	2419.2	2353.5	2301.6	2182.5	2031.3	1909.1	1805.2	1701.4	1586.8	1483.0
30°	2405.5	2373.4	2321.5	2263.4	2133.6	1982.4	1837.3	1730.4	1615.9	1501.3	1392.9
32.5°	2272.6	2300.1	2266.5	2216.1	2075.6	1915.2	1761.0	1652.5	1527.3	1403.6	1304.3
35°	2110.7	2208.4	2190.1	2155.0	2014.5	1843.4	1689.2	1557.8	1432.6	1307.4	1208.1
37.5°	1933.5	2081.7	2097.0	2075.6	1944.2	1770.1	1600.6	1472.3	1344.0	1217.2	1116.4
40°	1690.7	1918.3	1967.1	1976.3	1870.9	1681.5	1504.4	1379.1	1252.4	1128.7	1006.5
42.5°	1467.7	1754.8	1815.9	1854.1	1777.8	1594.5	1415.8	1276.8	1151.6	1040.1	917.9
45°	1258.5	1557.8	1657.1	1706.0	1672.4	1495.2	1310.4	1180.6	1066.0	963.7	846.1
47.5°	1043.1	1344.0	1483.0	1560.9	1560.9	1394.4	1209.6	1081.3	971.4	884.3	780.4
50°	899.6	1150.0	1293.6	1395.9	1423.4	1292.1	1118.0	992.7	888.9	794.2	714.8
52.5°	766.7	991.2	1110.3	1217.2	1296.7	1182.1	1015.6	902.6	800.3	711.7	649.1
55°	662.8	830.8	939.3	1056.9	1145.5	1070.6	916.4	806.4	717.8	644.5	591.1
57.5°	563.6	710.2	798.8	902.6	997.3	940.8	817.1	722.4	644.5	580.4	533.0
60°	479.6	598.7	667.4	748.4	866.0	826.3	723.9	636.9	574.3	516.2	476.5
62.5°	407.8	502.5	560.5	618.5	725.5	707.1	627.7	560.5	507.1	458.2	424.6
65°	334.5	412.4	458.2	508.6	594.1	601.7	537.6	490.3	441.4	398.6	368.1
67.5°	270.3	331.4	372.7	415.4	484.1	505.5	461.2	421.5	380.3	345.2	317.7
70°	218.4	261.2	291.7	325.3	381.8	407.8	384.9	357.4	323.8	294.8	270.3
72.5°	172.6	200.1	218.4	244.4	290.2	316.1	314.6	290.2	265.7	245.9	226.0
75°	126.8	148.1	163.4	180.2	216.9	241.3	247.4	236.7	212.3	197.0	181.7
77.5°	96.2	108.4	116.1	128.3	154.3	175.6	184.8	181.7	164.9	152.7	142.0
80°	73.3	76.4	79.4	84.0	105.4	125.2	131.3	129.8	120.7	116.1	103.9
82.5°	51.9	53.5	55.0	56.5	64.1	80.9	87.1	90.1	82.5	77.9	67.2
85°	30.5	32.1	32.1	35.1	36.7	41.2	51.9	51.9	50.4	44.3	42.8
87.5°	15.3	15.3	13.7	13.7	15.3	16.8	19.9	22.9	19.9	18.3	16.8
90°	11.4	8.5	7.6	6.8	5.7	4.5	2.3	0.6	2.3	4.5	5.7
92.5°	45.5	30.1	27.0	23.9	19.3	16.5	11.9	8.5	11.9	16.5	19.3
95°	81.8	55.7	48.9	42.1	33.0	27.8	22.2	19.9	22.2	27.8	33.0
97.5°	105.7	72.2	64.5	56.8	46.6	39.2	33.0	29.6	33.0	39.2	46.6
100°	117.1	87.0	79.0	71.0	59.7	50.6	45.5	43.8	45.5	50.6	59.7
102.5°	127.3	100.0	92.0	84.1	72.2	63.1	58.0	56.8	58.0	63.1	72.2
105°	139.2	112.5	104.6	96.6	84.1	75.6	71.6	69.3	71.6	75.6	84.1
107.5°	151.2	125.0	117.0	109.1	96.6	88.7	84.7	83.0	84.7	88.7	96.6
110°	163.1	138.1	129.8	121.6	109.7	102.3	98.9	96.6	98.9	102.3	109.7

TEST NUMBER: P1009732

CATALOG NUMBER: S122RDIP-B1005D530UB40-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
112.5°	174.5	150.6	142.1	133.6	122.2	115.4	111.4	109.1	111.4	115.4	122.2
115°	186.4	162.0	154.3	146.6	135.3	128.4	125.0	122.2	125.0	128.4	135.3
117.5°	197.2	174.5	166.6	158.6	147.8	141.5	138.1	135.8	138.1	141.5	147.8
120°	208.6	186.4	178.4	170.5	159.1	154.0	150.6	148.3	150.6	154.0	159.1
122.5°	219.4	198.9	190.6	182.4	171.1	165.4	162.0	160.3	162.0	165.4	171.1
125°	230.2	209.7	201.8	193.8	182.4	175.6	172.2	170.5	172.2	175.6	182.4
127.5°	240.4	220.5	212.2	204.0	193.2	185.8	181.3	179.0	181.3	185.8	193.2
130°	249.5	229.6	221.6	213.7	202.3	194.4	188.7	186.4	188.7	194.4	202.3
132.5°	257.5	238.7	230.8	222.8	210.9	202.3	196.1	193.2	196.1	202.3	210.9
135°	264.8	246.7	238.7	230.7	217.7	209.1	202.3	200.1	202.3	209.1	217.7
137.5°	271.1	252.9	245.5	238.1	225.1	216.0	209.1	206.3	209.1	216.0	225.1
140°	276.2	259.2	251.8	244.4	231.9	222.8	216.0	213.7	216.0	222.8	231.9
142.5°	280.2	263.7	256.9	250.1	238.1	229.0	222.8	221.1	222.8	229.0	238.1
145°	284.2	268.8	262.6	256.3	245.0	236.4	230.7	228.5	230.7	236.4	245.0
147.5°	287.6	272.8	267.1	261.4	251.8	243.8	238.1	236.4	238.1	243.8	251.8
150°	289.8	276.8	271.6	266.5	258.0	250.6	246.1	244.4	246.1	250.6	258.0
152.5°	292.1	280.8	276.2	271.7	263.7	257.5	252.9	252.3	252.9	257.5	263.7
155°	294.4	284.7	280.4	276.2	270.0	263.7	260.3	259.7	260.3	263.7	270.0
157.5°	296.1	287.6	283.9	280.2	275.1	269.4	266.5	266.0	266.5	269.4	275.1
160°	297.2	290.4	287.3	284.2	279.6	275.1	272.8	272.2	272.8	275.1	279.6
162.5°	297.8	292.1	289.8	287.6	283.6	280.2	277.9	278.5	277.9	280.2	283.6
165°	298.4	293.3	291.6	289.8	287.0	283.6	282.5	283.0	282.5	283.6	287.0
167.5°	298.4	294.4	293.2	292.1	289.8	287.6	286.4	287.0	286.4	287.6	289.8
170°	297.8	295.0	294.2	293.3	292.1	290.4	289.8	291.0	289.8	290.4	292.1
172.5°	297.2	295.5	295.0	294.4	293.8	292.1	292.7	293.3	292.7	292.1	293.8
175°	296.7	295.5	295.2	295.0	295.0	293.8	294.4	295.0	294.4	293.8	295.0
177.5°	296.1	295.5	295.5	295.5	295.5	294.4	295.0	296.1	295.0	294.4	295.5
180°	295.5	295.5	295.5	295.5	295.5	295.5	295.5	295.5	295.5	295.5	295.5

TEST NUMBER: P1009732

CATALOG NUMBER: S122RDIP-B1005D530UB40-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
0°	2197.8	2197.8	2197.8	2197.8	2197.8	2197.8	2197.8	2197.8	2197.8	2197.8	2197.8
2.5°	2173.3	2174.8	2179.4	2165.7	2144.3	2135.1	2107.6	2103.1	2098.5	2098.5	2103.1
5°	2124.4	2118.3	2119.9	2093.9	2063.4	2045.0	2006.8	2013.0	1993.1	1980.9	1983.9
7.5°	2071.0	2054.2	2052.7	2019.1	1980.9	1947.3	1907.6	1898.4	1880.1	1858.7	1849.5
10°	2003.8	1991.6	1968.7	1930.5	1881.6	1854.1	1800.7	1768.6	1764.0	1731.9	1719.7
12.5°	1935.1	1913.7	1890.8	1837.3	1782.3	1738.0	1698.3	1663.2	1638.8	1611.3	1593.0
15°	1855.6	1829.7	1803.7	1747.2	1683.1	1638.8	1579.2	1527.3	1455.5	1399.0	1366.9
17.5°	1768.6	1739.6	1704.4	1641.8	1579.2	1518.1	1408.2	1347.1	1296.7	1263.1	1243.2
20°	1678.5	1646.4	1611.3	1548.7	1440.2	1333.3	1272.2	1224.9	1194.3	1160.7	1136.3
22.5°	1583.8	1550.2	1512.0	1414.3	1299.7	1224.9	1177.5	1133.2	1089.0	1070.6	1058.4
25°	1495.2	1464.7	1415.8	1282.9	1192.8	1124.1	1070.6	1041.6	1018.7	994.3	971.4
27.5°	1403.6	1347.1	1278.3	1166.8	1110.3	1040.1	1001.9	980.5	940.8	924.0	913.3
30°	1293.6	1231.0	1165.3	1085.9	1020.2	971.4	936.2	901.1	878.2	861.4	843.1
32.5°	1182.1	1122.6	1081.3	998.8	950.0	899.6	866.0	844.6	811.0	800.3	792.7
35°	1085.9	1035.5	998.8	931.6	885.8	840.0	815.6	783.5	762.1	742.3	730.0
37.5°	991.2	963.7	925.5	869.0	820.2	783.5	749.9	739.2	710.2	699.5	687.3
40°	925.5	884.3	852.2	803.4	762.1	722.4	701.0	676.6	656.7	639.9	635.3
42.5°	846.1	815.6	797.2	743.8	701.0	678.1	652.1	624.7	609.4	595.6	578.8
45°	786.6	759.1	733.1	690.3	652.1	623.1	600.2	581.9	555.9	549.8	523.9
47.5°	723.9	696.4	676.6	633.8	598.7	571.2	554.4	530.0	508.6	494.8	482.6
50°	661.3	638.4	620.1	583.4	552.9	523.9	500.9	476.5	467.3	444.4	436.8
52.5°	601.7	586.5	566.6	531.5	500.9	476.5	452.1	432.2	418.5	406.3	397.1
55°	551.3	526.9	517.7	479.6	453.6	427.6	406.3	394.0	377.2	369.6	362.0
57.5°	494.8	481.1	465.8	436.8	407.8	383.3	368.1	349.7	340.6	331.4	325.3
60°	446.0	426.1	413.9	389.5	363.5	340.6	326.8	313.1	300.9	293.2	281.0
62.5°	389.5	374.2	366.5	340.6	319.2	297.8	285.6	271.9	262.7	248.9	233.7
65°	340.6	328.4	319.2	297.8	278.0	258.1	245.9	229.1	216.9	209.2	207.7
67.5°	297.8	288.7	274.9	255.1	235.2	219.9	206.2	192.4	190.9	187.9	187.9
70°	250.5	241.3	233.7	212.3	195.5	178.7	175.6	171.1	166.5	164.9	161.9
72.5°	209.2	201.6	192.4	174.1	157.3	152.7	149.7	146.6	142.0	140.5	139.0
75°	169.5	158.8	152.7	135.9	131.3	128.3	125.2	120.7	117.6	116.1	113.0
77.5°	129.8	119.1	119.1	110.0	106.9	102.3	99.3	96.2	94.7	91.6	91.6
80°	91.6	91.6	88.6	84.0	79.4	77.9	73.3	71.8	70.3	71.8	68.7
82.5°	67.2	61.1	61.1	58.0	55.0	53.5	50.4	50.4	48.9	48.9	48.9
85°	38.2	38.2	36.7	33.6	32.1	32.1	30.5	30.5	29.0	29.0	27.5
87.5°	15.3	13.7	15.3	13.7	13.7	12.2	12.2	12.2	10.7	12.2	10.7
90°	6.8	7.6	8.5	11.4	15.3	18.8	19.3	18.8	18.2	17.0	18.2
92.5°	23.9	27.0	30.1	45.5	67.1	86.4	87.5	73.3	57.4	48.9	42.6
95°	42.1	48.9	55.7	81.8	131.3	197.2	222.8	194.9	148.9	114.2	90.4
97.5°	56.8	64.5	72.2	105.7	174.5	280.8	363.2	366.0	304.6	243.2	185.8
100°	71.0	79.0	87.0	117.1	186.4	309.2	449.0	530.8	518.9	448.4	370.6
102.5°	84.1	92.0	100.0	127.3	187.0	298.4	451.8	592.2	659.3	657.0	605.3
105°	96.6	104.6	112.5	139.2	189.8	283.6	421.1	572.3	690.5	754.7	762.1
107.5°	109.1	117.0	125.0	151.2	196.1	275.6	392.7	530.3	657.0	752.5	808.2
110°	121.6	129.8	138.1	163.1	204.0	273.4	373.4	491.0	611.0	712.7	785.4

TEST NUMBER: P1009732

CATALOG NUMBER: S122RDIP-B1005D530UB40-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
112.5°	133.6	142.1	150.6	174.5	212.6	273.9	360.9	463.8	568.9	665.5	744.5
115°	146.6	154.3	162.0	186.4	221.1	276.2	352.4	442.2	535.9	623.5	697.9
117.5°	158.6	166.6	174.5	197.2	230.2	279.6	347.8	427.4	508.7	587.1	656.4
120°	170.5	178.4	186.4	208.6	239.3	283.0	343.8	416.0	489.3	559.8	620.1
122.5°	182.4	190.6	198.9	219.4	247.2	287.0	341.6	406.4	474.0	537.1	593.3
125°	193.8	201.8	209.7	230.2	255.7	291.0	338.7	397.3	459.2	517.8	567.8
127.5°	204.0	212.2	220.5	240.4	263.7	295.0	337.0	388.7	444.4	498.4	546.2
130°	213.7	221.6	229.6	249.5	271.1	299.5	335.9	380.2	430.2	479.1	524.0
132.5°	222.8	230.8	238.7	257.5	278.5	304.1	335.3	373.4	416.6	460.9	501.3
135°	230.7	238.7	246.7	264.8	284.7	307.5	334.7	367.1	404.1	441.6	479.1
137.5°	238.1	245.5	252.9	271.1	289.8	310.9	334.7	362.6	393.9	426.2	456.9
140°	244.4	251.8	259.2	276.2	293.8	313.2	334.2	358.6	384.2	411.5	437.6
142.5°	250.1	256.9	263.7	280.2	297.2	314.9	334.2	354.6	376.2	398.4	420.0
145°	256.3	262.6	268.8	284.2	300.1	316.0	333.0	351.2	368.8	387.6	405.2
147.5°	261.4	267.1	272.8	287.6	301.8	316.6	331.3	347.8	363.2	378.5	392.7
150°	266.5	271.6	276.8	289.8	302.9	316.0	329.6	343.3	356.9	369.4	381.4
152.5°	271.7	276.2	280.8	292.1	303.5	314.9	326.8	339.3	350.7	362.0	371.7
155°	276.2	280.4	284.7	294.4	304.1	313.7	323.4	334.2	345.0	354.1	362.6
157.5°	280.2	283.9	287.6	296.1	304.1	311.4	320.0	329.6	338.2	346.1	353.5
160°	284.2	287.3	290.4	297.2	304.1	309.7	316.6	324.5	331.9	338.2	344.4
162.5°	287.6	289.8	292.1	297.8	303.5	308.0	313.7	320.0	325.7	330.8	335.9
165°	289.8	291.6	293.3	298.4	302.4	305.8	309.7	314.9	319.4	323.4	327.4
167.5°	292.1	293.2	294.4	298.4	301.8	303.5	306.3	309.7	313.2	316.6	319.4
170°	293.3	294.2	295.0	297.8	300.6	301.8	303.5	305.8	308.6	310.3	312.6
172.5°	294.4	295.0	295.5	297.2	298.9	299.5	300.1	301.8	303.5	304.6	306.3
175°	295.0	295.2	295.5	296.7	297.8	297.2	297.8	298.4	300.1	300.6	301.2
177.5°	295.5	295.5	295.5	296.1	297.2	296.1	295.5	296.1	297.2	297.2	297.8
180°	295.5	295.5	295.5	295.5	295.5	295.5	295.5	295.5	295.5	295.5	295.5

TEST NUMBER: P1009732

CATALOG NUMBER: S122RDIP-B1005D530UB40-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
0°	2197.8	2197.8	2197.8	2197.8	2197.8	2197.8	2197.8	2197.8	2197.8	2197.8	2197.8
2.5°	2103.1	2100.0	2090.8	2093.9	2089.3	2089.3	2086.3	2086.3	2086.3	2093.9	2089.3
5°	1988.5	1977.8	1967.1	1962.6	1958.0	1953.4	1953.4	1951.9	1965.6	1962.6	1974.8
7.5°	1846.5	1843.4	1822.0	1822.0	1814.4	1811.4	1819.0	1820.5	1822.0	1825.1	1832.7
10°	1719.7	1712.1	1681.5	1684.6	1680.0	1673.9	1678.5	1675.4	1686.1	1689.2	1686.1
12.5°	1570.0	1556.3	1522.7	1505.9	1487.6	1473.8	1490.6	1478.4	1521.2	1533.4	1567.0
15°	1371.5	1345.5	1322.6	1322.6	1305.8	1293.6	1301.2	1315.0	1324.2	1337.9	1344.0
17.5°	1238.6	1227.9	1209.6	1198.9	1194.3	1189.8	1189.8	1195.9	1215.7	1214.2	1226.4
20°	1125.6	1119.5	1110.3	1096.6	1092.0	1089.0	1089.0	1089.0	1102.7	1114.9	1122.6
22.5°	1047.7	1043.1	1037.0	1018.7	1009.5	1006.5	1014.1	1018.7	1029.4	1038.6	1046.2
25°	969.8	959.1	948.4	942.3	937.8	937.8	940.8	942.3	946.9	951.5	960.7
27.5°	905.7	898.0	882.8	866.0	866.0	861.4	864.4	867.5	878.2	893.5	901.1
30°	833.9	832.4	826.3	820.2	814.0	811.0	817.1	821.7	823.2	830.8	830.8
32.5°	782.0	771.3	760.6	754.5	751.4	749.9	751.4	757.5	757.5	766.7	777.4
35°	730.0	723.9	713.2	702.5	699.5	691.9	698.0	704.1	714.8	719.3	723.9
37.5°	673.5	665.9	661.3	658.3	652.1	653.7	649.1	658.3	667.4	665.9	668.9
40°	630.8	617.0	603.3	601.7	600.2	598.7	598.7	600.2	606.3	612.4	621.6
42.5°	575.8	571.2	559.0	546.8	543.7	540.7	537.6	543.7	555.9	566.6	571.2
45°	519.3	513.2	510.1	500.9	494.8	493.3	490.3	497.9	508.6	513.2	516.2
47.5°	467.3	465.8	456.7	458.2	453.6	455.1	453.6	458.2	458.2	462.8	465.8
50°	432.2	427.6	423.1	420.0	415.4	415.4	413.9	415.4	421.5	427.6	426.1
52.5°	397.1	389.5	387.9	386.4	383.3	386.4	381.8	383.3	389.5	392.5	391.0
55°	355.9	354.3	351.3	348.2	346.7	345.2	345.2	345.2	351.3	355.9	357.4
57.5°	323.8	316.1	310.0	310.0	303.9	302.4	305.5	307.0	311.6	314.6	317.7
60°	279.5	276.4	267.3	262.7	253.5	252.0	252.0	258.1	265.7	276.4	279.5
62.5°	232.1	227.6	226.0	226.0	226.0	226.0	226.0	226.0	226.0	227.6	227.6
65°	206.2	207.7	206.2	204.7	206.2	206.2	204.7	204.7	204.7	206.2	207.7
67.5°	184.8	183.3	184.8	183.3	181.7	181.7	180.2	181.7	183.3	184.8	184.8
70°	160.4	160.4	158.8	160.4	158.8	157.3	155.8	155.8	158.8	160.4	160.4
72.5°	137.5	137.5	135.9	135.9	132.9	132.9	134.4	132.9	132.9	137.5	137.5
75°	114.5	113.0	111.5	111.5	110.0	110.0	110.0	108.4	111.5	111.5	113.0
77.5°	90.1	90.1	90.1	88.6	88.6	87.1	87.1	88.6	88.6	88.6	90.1
80°	68.7	68.7	68.7	67.2	65.7	65.7	65.7	65.7	65.7	67.2	65.7
82.5°	47.3	47.3	47.3	47.3	47.3	45.8	45.8	45.8	47.3	47.3	45.8
85°	29.0	27.5	29.0	29.0	27.5	29.0	27.5	27.5	26.0	26.0	27.5
87.5°	12.2	10.7	9.2	9.2	10.7	9.2	9.2	9.2	10.7	9.2	9.2
90°	18.5	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.5
92.5°	40.4	38.1	37.5	35.2	35.8	34.7	35.8	35.2	37.5	38.1	40.4
95°	84.2	77.9	70.5	65.9	64.2	64.8	64.2	65.9	70.5	77.9	84.2
97.5°	168.8	151.7	129.6	118.2	112.0	108.6	112.0	118.2	129.6	151.7	168.8
100°	336.2	301.8	254.6	230.2	213.7	203.5	213.7	230.2	254.6	301.8	336.2
102.5°	568.3	531.4	479.1	433.1	411.5	396.7	411.5	433.1	479.1	531.4	568.3
105°	752.8	743.4	708.1	672.9	648.5	640.5	648.5	672.9	708.1	743.4	752.8
107.5°	819.6	830.9	830.3	825.2	817.8	804.8	817.8	825.2	830.3	830.9	819.6
110°	808.7	832.0	856.5	867.3	872.4	871.8	872.4	867.3	856.5	832.0	808.7

TEST NUMBER: P1009732

CATALOG NUMBER: S122RDIP-B1005D530UB40-4FO-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
112.5°	772.0	799.6	836.0	855.9	866.7	870.7	866.7	855.9	836.0	799.6	772.0
115°	727.2	756.5	796.8	822.9	837.7	842.8	837.7	822.9	796.8	756.5	727.2
117.5°	684.2	712.1	753.6	781.5	796.8	800.8	796.8	781.5	753.6	712.1	684.2
120°	646.0	671.8	711.6	738.3	754.7	760.4	754.7	738.3	711.6	671.8	646.0
122.5°	616.0	638.8	673.5	699.6	713.8	718.4	713.8	699.6	673.5	638.8	616.0
125°	589.1	610.4	643.4	664.9	679.2	683.7	679.2	664.9	643.4	610.4	589.1
127.5°	566.1	586.0	614.9	635.4	647.9	651.3	647.9	635.4	614.9	586.0	566.1
130°	542.8	561.5	589.4	608.7	620.1	624.6	620.1	608.7	589.4	561.5	542.8
132.5°	518.6	535.9	563.2	582.5	592.8	596.7	592.8	582.5	563.2	535.9	518.6
135°	495.0	510.9	535.4	554.1	564.4	566.6	564.4	554.1	535.4	510.9	495.0
137.5°	471.2	485.4	508.7	525.1	534.2	537.6	534.2	525.1	508.7	485.4	471.2
140°	450.1	462.6	480.8	495.6	504.1	507.5	504.1	495.6	480.8	462.6	450.1
142.5°	430.0	439.9	456.9	470.0	477.4	477.4	477.4	470.0	456.9	439.9	430.0
145°	413.4	421.7	435.3	445.0	450.7	452.4	450.7	445.0	435.3	421.7	413.4
147.5°	399.0	405.2	417.2	425.1	429.1	430.2	429.1	425.1	417.2	405.2	399.0
150°	386.5	391.6	400.1	406.9	410.3	410.9	410.3	406.9	400.1	391.6	386.5
152.5°	376.0	380.2	386.5	392.1	394.4	394.4	394.4	392.1	386.5	380.2	376.0
155°	365.7	368.8	375.1	379.1	381.4	380.2	381.4	379.1	375.1	368.8	365.7
157.5°	356.0	358.6	363.2	366.6	367.7	367.7	367.7	366.6	363.2	358.6	356.0
160°	346.4	348.4	352.4	355.2	355.8	355.8	355.8	355.2	352.4	348.4	346.4
162.5°	337.3	338.7	342.7	344.4	345.0	344.4	345.0	344.4	342.7	338.7	337.3
165°	328.5	329.6	331.9	334.2	334.2	333.6	334.2	334.2	331.9	329.6	328.5
167.5°	320.5	321.7	322.8	323.9	323.9	323.4	323.9	323.9	322.8	321.7	320.5
170°	313.2	313.7	314.3	316.0	315.4	314.3	315.4	316.0	314.3	313.7	313.2
172.5°	306.6	306.9	307.5	308.0	307.5	306.9	307.5	308.0	307.5	306.9	306.6
175°	301.5	301.8	301.8	302.4	301.8	300.6	301.8	302.4	301.8	301.8	301.5
177.5°	297.8	297.8	297.8	297.8	297.2	296.1	297.2	297.8	297.8	297.8	297.8
180°	295.5	295.5	295.5	295.5	295.5	295.5	295.5	295.5	295.5	295.5	295.5

TEST NUMBER: P1009732

CATALOG NUMBER: S122RDIP-B1005D530UB40-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
0°	2197.8	2197.8	2197.8	2197.8	2197.8	2197.8	2197.8	2197.8	2197.8	2197.8	2197.8
2.5°	2093.9	2101.5	2098.5	2081.7	2098.5	2103.1	2112.2	2121.4	2127.5	2136.7	2144.3
5°	1962.6	1977.8	1987.0	1977.8	2008.4	2013.0	2034.3	2046.6	2064.9	2080.2	2092.4
7.5°	1838.8	1851.1	1869.4	1872.4	1890.8	1912.2	1942.7	1973.2	2002.3	2017.5	2031.3
10°	1706.0	1727.4	1754.8	1748.7	1776.2	1809.8	1841.9	1890.8	1915.2	1942.7	1967.1
12.5°	1573.1	1586.8	1623.5	1635.7	1675.4	1701.4	1745.7	1776.2	1837.3	1869.4	1890.8
15°	1341.0	1397.5	1443.3	1498.3	1550.2	1599.1	1638.8	1693.8	1747.2	1771.6	1806.8
17.5°	1235.6	1261.5	1289.0	1316.5	1383.7	1470.8	1541.0	1600.6	1646.4	1678.5	1719.7
20°	1125.6	1151.6	1182.1	1208.1	1249.3	1311.9	1399.0	1501.3	1556.3	1589.9	1629.6
22.5°	1047.7	1072.2	1092.0	1114.9	1147.0	1192.8	1258.5	1385.2	1458.6	1499.8	1534.9
25°	963.7	994.3	1015.6	1032.4	1058.4	1108.8	1162.3	1234.0	1365.4	1397.5	1446.3
27.5°	905.7	914.8	939.3	965.2	991.2	1018.7	1073.7	1134.8	1223.4	1293.6	1353.2
30°	837.0	859.9	882.8	893.5	916.4	956.1	989.7	1055.4	1124.1	1179.1	1250.8
32.5°	785.0	798.8	814.0	840.0	861.4	888.9	922.5	977.5	1035.5	1070.6	1125.6
35°	727.0	736.1	768.2	778.9	800.3	827.8	861.4	904.2	966.8	994.3	1034.0
37.5°	672.0	693.4	702.5	727.0	746.8	774.3	798.8	847.6	888.9	921.0	957.6
40°	629.2	638.4	655.2	676.6	693.4	714.8	745.3	780.4	824.7	850.7	882.8
42.5°	577.3	584.9	606.3	618.5	646.0	665.9	684.2	727.0	766.7	786.6	818.6
45°	520.8	539.1	552.9	577.3	592.6	617.0	639.9	670.5	707.1	730.0	748.4
47.5°	471.9	490.3	504.0	526.9	551.3	562.0	586.5	618.5	652.1	670.5	696.4
50°	432.2	438.3	464.3	475.0	500.9	522.3	539.1	566.6	603.3	614.0	635.3
52.5°	394.0	398.6	415.4	429.2	452.1	470.4	491.8	517.7	548.3	565.1	581.9
55°	360.4	363.5	371.1	386.4	401.7	424.6	444.4	468.9	494.8	513.2	528.4
57.5°	322.3	328.4	334.5	343.6	358.9	380.3	401.7	424.6	446.0	458.2	478.0
60°	278.0	287.1	297.8	308.5	319.2	334.5	358.9	380.3	400.1	410.8	426.1
62.5°	230.6	248.9	258.1	270.3	279.5	293.2	311.6	336.0	349.7	363.5	375.7
65°	207.7	209.2	210.8	223.0	239.8	253.5	270.3	288.7	310.0	319.2	328.4
67.5°	184.8	186.3	189.4	190.9	197.0	212.3	230.6	250.5	267.3	273.4	282.5
70°	161.9	161.9	168.0	169.5	171.1	172.6	187.9	207.7	223.0	230.6	241.3
72.5°	137.5	139.0	142.0	143.6	146.6	149.7	154.3	164.9	183.3	190.9	203.1
75°	113.0	114.5	116.1	117.6	122.2	123.7	128.3	134.4	142.0	151.2	158.8
77.5°	90.1	90.1	91.6	94.7	97.7	99.3	103.9	106.9	110.0	114.5	120.7
80°	67.2	68.7	68.7	71.8	71.8	73.3	74.8	79.4	82.5	85.5	88.6
82.5°	45.8	48.9	48.9	48.9	50.4	51.9	53.5	53.5	56.5	58.0	62.6
85°	27.5	29.0	29.0	29.0	27.5	30.5	30.5	32.1	32.1	32.1	33.6
87.5°	10.7	9.2	10.7	10.7	10.7	12.2	10.7	10.7	12.2	13.7	13.7
90°	18.2	17.0	18.2	18.8	19.3	18.8	15.3	11.4	8.5	7.6	6.8
92.5°	42.6	48.9	57.4	73.3	87.5	86.4	67.1	45.5	30.1	27.0	23.9
95°	90.4	114.2	148.9	194.9	222.8	197.2	131.3	81.8	55.7	48.9	42.1
97.5°	185.8	243.2	304.6	366.0	363.2	280.8	174.5	105.7	72.2	64.5	56.8
100°	370.6	448.4	518.9	530.8	449.0	309.2	186.4	117.1	87.0	79.0	71.0
102.5°	605.3	657.0	659.3	592.2	451.8	298.4	187.0	127.3	100.0	92.0	84.1
105°	762.1	754.7	690.5	572.3	421.1	283.6	189.8	139.2	112.5	104.6	96.6
107.5°	808.2	752.5	657.0	530.3	392.7	275.6	196.1	151.2	125.0	117.0	109.1
110°	785.4	712.7	611.0	491.0	373.4	273.4	204.0	163.1	138.1	129.8	121.6

TEST NUMBER: P1009732

CATALOG NUMBER: S122RDIP-B1005D530UB40-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
112.5°	744.5	665.5	568.9	463.8	360.9	273.9	212.6	174.5	150.6	142.1	133.6
115°	697.9	623.5	535.9	442.2	352.4	276.2	221.1	186.4	162.0	154.3	146.6
117.5°	656.4	587.1	508.7	427.4	347.8	279.6	230.2	197.2	174.5	166.6	158.6
120°	620.1	559.8	489.3	416.0	343.8	283.0	239.3	208.6	186.4	178.4	170.5
122.5°	593.3	537.1	474.0	406.4	341.6	287.0	247.2	219.4	198.9	190.6	182.4
125°	567.8	517.8	459.2	397.3	338.7	291.0	255.7	230.2	209.7	201.8	193.8
127.5°	546.2	498.4	444.4	388.7	337.0	295.0	263.7	240.4	220.5	212.2	204.0
130°	524.0	479.1	430.2	380.2	335.9	299.5	271.1	249.5	229.6	221.6	213.7
132.5°	501.3	460.9	416.6	373.4	335.3	304.1	278.5	257.5	238.7	230.8	222.8
135°	479.1	441.6	404.1	367.1	334.7	307.5	284.7	264.8	246.7	238.7	230.7
137.5°	456.9	426.2	393.9	362.6	334.7	310.9	289.8	271.1	252.9	245.5	238.1
140°	437.6	411.5	384.2	358.6	334.2	313.2	293.8	276.2	259.2	251.8	244.4
142.5°	420.0	398.4	376.2	354.6	334.2	314.9	297.2	280.2	263.7	256.9	250.1
145°	405.2	387.6	368.8	351.2	333.0	316.0	300.1	284.2	268.8	262.6	256.3
147.5°	392.7	378.5	363.2	347.8	331.3	316.6	301.8	287.6	272.8	267.1	261.4
150°	381.4	369.4	356.9	343.3	329.6	316.0	302.9	289.8	276.8	271.6	266.5
152.5°	371.7	362.0	350.7	339.3	326.8	314.9	303.5	292.1	280.8	276.2	271.7
155°	362.6	354.1	345.0	334.2	323.4	313.7	304.1	294.4	284.7	280.4	276.2
157.5°	353.5	346.1	338.2	329.6	320.0	311.4	304.1	296.1	287.6	283.9	280.2
160°	344.4	338.2	331.9	324.5	316.6	309.7	304.1	297.2	290.4	287.3	284.2
162.5°	335.9	330.8	325.7	320.0	313.7	308.0	303.5	297.8	292.1	289.8	287.6
165°	327.4	323.4	319.4	314.9	309.7	305.8	302.4	298.4	293.3	291.6	289.8
167.5°	319.4	316.6	313.2	309.7	306.3	303.5	301.8	298.4	294.4	293.2	292.1
170°	312.6	310.3	308.6	305.8	303.5	301.8	300.6	297.8	295.0	294.2	293.3
172.5°	306.3	304.6	303.5	301.8	300.1	299.5	298.9	297.2	295.5	295.0	294.4
175°	301.2	300.6	300.1	298.4	297.8	297.2	297.8	296.7	295.5	295.2	295.0
177.5°	297.8	297.2	297.2	296.1	295.5	296.1	297.2	296.1	295.5	295.5	295.5
180°	295.5	295.5	295.5	295.5	295.5	295.5	295.5	295.5	295.5	295.5	295.5

TEST NUMBER: P1009732

CATALOG NUMBER: S122RDIP-B1005D530UB40-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
0°	2197.8	2197.8	2197.8	2197.8
2.5°	2158.0	2153.5	2181.0	2211.5
5°	2113.8	2121.4	2156.5	2199.3
7.5°	2067.9	2084.7	2126.0	2182.5
10°	2003.8	2034.3	2097.0	2155.0
12.5°	1941.2	1982.4	2042.0	2110.7
15°	1870.9	1916.7	1990.0	2072.5
17.5°	1793.0	1845.0	1930.5	2020.6
20°	1710.6	1779.3	1869.4	1967.1
22.5°	1618.9	1701.4	1794.6	1903.0
25°	1530.3	1620.4	1713.6	1838.8
27.5°	1443.3	1531.9	1635.7	1762.5
30°	1356.2	1437.2	1548.7	1684.6
32.5°	1263.1	1347.1	1464.7	1603.6
35°	1177.5	1261.5	1371.5	1509.0
37.5°	1085.9	1176.0	1281.4	1423.4
40°	979.0	1084.4	1186.7	1322.6
42.5°	890.4	1001.9	1101.2	1229.5
45°	820.2	925.5	1008.0	1133.2
47.5°	754.5	840.0	924.0	1040.1
50°	691.9	757.5	844.6	948.4
52.5°	627.7	684.2	759.1	856.8
55°	569.7	623.1	690.3	765.2
57.5°	516.2	554.4	621.6	688.8
60°	456.7	496.4	548.3	604.8
62.5°	406.3	436.8	485.7	533.0
65°	352.8	381.8	418.5	462.8
67.5°	303.9	329.9	358.9	394.0
70°	259.6	279.5	300.9	331.4
72.5°	212.3	233.7	253.5	278.0
75°	174.1	183.3	200.1	216.9
77.5°	134.4	146.6	155.8	169.5
80°	96.2	106.9	110.0	120.7
82.5°	64.1	70.3	76.4	79.4
85°	36.7	39.7	45.8	47.3
87.5°	13.7	15.3	18.3	21.4
90°	5.7	4.5	2.3	0.6
92.5°	19.3	16.5	11.9	8.5
95°	33.0	27.8	22.2	19.9
97.5°	46.6	39.2	33.0	29.6
100°	59.7	50.6	45.5	43.8
102.5°	72.2	63.1	58.0	56.8
105°	84.1	75.6	71.6	69.3
107.5°	96.6	88.7	84.7	83.0
110°	109.7	102.3	98.9	96.6



TEST NUMBER: P1009732

CATALOG NUMBER: S122RDIP-B1005D530UB40-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
112.5°	122.2	115.4	111.4	109.1
115°	135.3	128.4	125.0	122.2
117.5°	147.8	141.5	138.1	135.8
120°	159.1	154.0	150.6	148.3
122.5°	171.1	165.4	162.0	160.3
125°	182.4	175.6	172.2	170.5
127.5°	193.2	185.8	181.3	179.0
130°	202.3	194.4	188.7	186.4
132.5°	210.9	202.3	196.1	193.2
135°	217.7	209.1	202.3	200.1
137.5°	225.1	216.0	209.1	206.3
140°	231.9	222.8	216.0	213.7
142.5°	238.1	229.0	222.8	221.1
145°	245.0	236.4	230.7	228.5
147.5°	251.8	243.8	238.1	236.4
150°	258.0	250.6	246.1	244.4
152.5°	263.7	257.5	252.9	252.3
155°	270.0	263.7	260.3	259.7
157.5°	275.1	269.4	266.5	266.0
160°	279.6	275.1	272.8	272.2
162.5°	283.6	280.2	277.9	278.5
165°	287.0	283.6	282.5	283.0
167.5°	289.8	287.6	286.4	287.0
170°	292.1	290.4	289.8	291.0
172.5°	293.8	292.1	292.7	293.3
175°	295.0	293.8	294.4	295.0
177.5°	295.5	294.4	295.0	296.1
180°	295.5	295.5	295.5	295.5

(END OF REPORT)