

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: P1012216

Luminaire Tested: S123RDIP-B1000D585UB35-4F0-XX-W2A-A4

Issue Date: 5/7/2025

Test Information

Test Method: LM-79-2019
Report Number: P1012216
REPORT IS A COMBINATION OF REPORTS P992863 AND P1007351
Test Lab: INNOVATION CENTER
Issue Date: 5/7/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: NEO-RAY
Catalog Number: S123RDIP-B1000D585UB35-4F0-XX-W2A-A4
Description: Define 3 Regressed Direct/Indirect Pendant with 3500K BioUP LEDs {m-DER=0.721}
{m-EER=0.792}
Light Source: -
Ballast/Driver: -

Summary

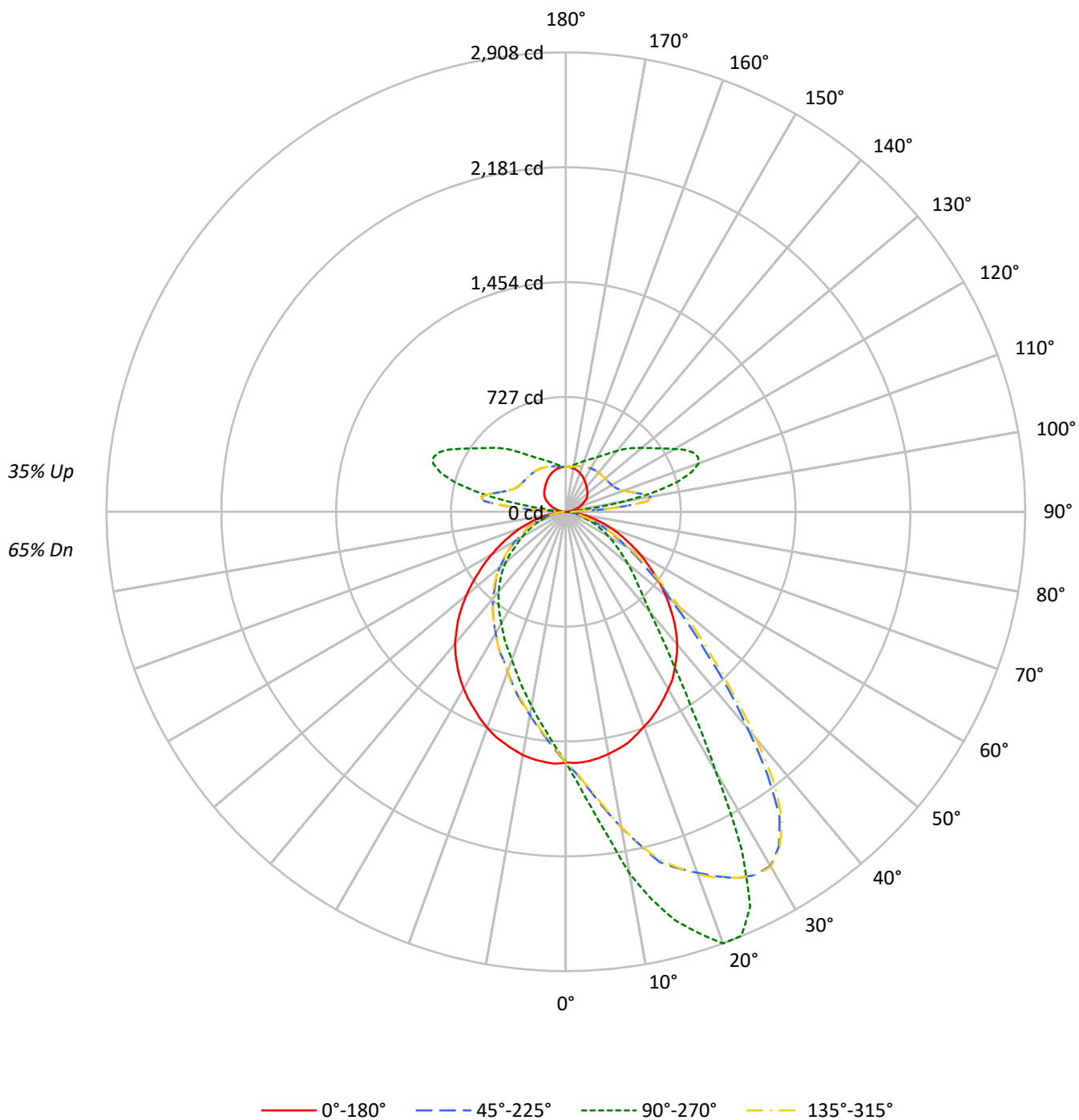
Lumens per Lamp: N/A
Luminaire Lumens: 6086.0 lumens
Efficiency: N/A
Efficacy: 97.8 lumens/watt
Spacing Criteria (0/90/45): 1.22 / 1.2 / 1.34
Luminous Opening: Rectangular w/ Sides (W: 0.25' x L: 4' x H: 0.1')
CIE Type: Semi-Direct

Input Watts (W): 62.2
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	79	77	72	70	69	63	62	61
2	93	86	80	75	88	81	76	72	72	68	65	64	61	58	56	54	52
3	86	77	69	64	80	72	66	61	65	60	56	57	54	50	51	48	45
4	79	68	61	55	74	65	58	52	58	52	48	52	47	44	46	42	40
5	73	61	53	47	68	58	51	46	52	46	42	47	42	38	42	38	35
6	67	55	47	42	63	53	45	40	47	41	37	43	38	34	38	34	31
7	62	50	42	37	59	48	41	36	43	37	33	39	34	30	35	31	28
8	58	46	38	33	55	44	37	32	40	34	30	36	31	27	32	28	25
9	54	42	35	30	51	40	33	29	36	31	27	33	28	25	30	26	23
10	51	39	32	27	48	37	30	26	34	28	24	31	26	23	28	24	21

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	17083	17083	17083	17083
5°	17097	19676	17140	14597
10°	16945	23751	17019	12750
15°	16771	26957	16771	11242
20°	16428	29076	16520	9973
25°	16176	27625	16143	9100
30°	15883	19140	15850	8246
35°	15531	12288	15460	7602
40°	15092	8677	15016	6962
45°	14328	6945	14308	6338
50°	13391	5809	13346	5609
55°	12336	4788	12236	4755
60°	11299	3958	11188	4044
65°	10085	3167	10150	3427
70°	8964	2201	9203	2771
75°	7596	1632	7908	2130
80°	6048	1083	6564	1597
85°	4303	512	4697	993

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 30°

Vertical Angle: 45°

Luminance: 22807 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	155.9	2.6
10°-20°	487.9	8.0
20°-30°	768.4	12.6
30°-40°	799.0	13.1
40°-50°	683.6	11.2
50°-60°	521.2	8.6
60°-70°	333.9	5.5
70°-80°	160.0	2.6
80°-90°	43.6	0.7
90°-100°	153.8	2.5
100°-110°	450.4	7.4
110°-120°	439.8	7.2
120°-130°	350.3	5.8
130°-140°	276.4	4.5
140°-150°	206.2	3.4
150°-160°	143.7	2.4
160°-170°	84.4	1.4
170°-180°	27.5	0.5
0°-30°	1412.2	23.2
0°-40°	2211.2	36.3
0°-60°	3416.0	56.1
0°-90°	3953.6	65.0
90°-120°	1044.0	17.2
90°-150°	1876.8	30.8
90°-180°	2132.0	35.0
0°-180°	6086.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1587	1587	1587	1587	1587	
5°	1586	1885	1590	1398	1586	150
15°	1515	2678	1515	1117	1515	426
25°	1378	2760	1375	909	1378	635
35°	1203	1197	1197	741	1203	753
45°	965	639	963	583	965	743
55°	681	401	675	398	681	610
65°	417	231	420	250	417	417
75°	200	98	208	128	200	216
85°	45	23	49	45	45	50
90°	1	17	1	17	1	4
95°	20	67	20	67	20	21
105°	67	730	67	730	67	71
115°	118	888	118	888	118	116
125°	164	700	164	700	164	145
135°	192	568	192	568	192	148
145°	219	444	219	444	219	137
155°	248	368	248	368	248	114
165°	271	321	271	321	271	77
175°	283	289	283	289	283	27
180°	284	284	284	284	284	

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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	1587.1	1587.1	1587.1	1587.1	1587.1	1587.1	1587.1	1587.1	1587.1	1587.1	1587.1
2.5°	1591.2	1602.1	1610.2	1615.6	1629.2	1637.4	1644.2	1656.4	1656.4	1659.1	1664.6
5°	1585.8	1608.9	1625.2	1646.9	1675.4	1689.0	1708.0	1724.4	1747.5	1759.7	1771.9
7.5°	1573.5	1606.1	1640.1	1672.7	1714.8	1742.0	1761.0	1803.2	1833.1	1869.8	1898.3
10°	1557.2	1602.1	1645.5	1695.8	1752.9	1793.7	1822.2	1877.9	1935.0	1986.6	2030.1
12.5°	1536.8	1591.2	1653.7	1714.8	1795.0	1835.8	1882.0	1951.3	2032.8	2098.0	2156.5
15°	1515.1	1577.6	1648.3	1723.0	1823.5	1880.6	1947.2	2031.5	2122.5	2216.3	2296.4
17.5°	1481.1	1559.9	1638.7	1747.5	1865.7	1899.6	1956.7	2072.2	2185.0	2269.2	2367.1
20°	1447.2	1535.5	1634.7	1732.5	1860.2	1939.1	1992.0	2114.3	2235.3	2337.2	2430.9
22.5°	1415.9	1508.3	1611.6	1735.2	1854.8	1933.6	2000.2	2127.9	2267.9	2382.0	2497.5
25°	1377.9	1478.4	1592.5	1709.4	1854.8	1914.6	1988.0	2136.1	2284.2	2416.0	2558.7
27.5°	1337.1	1439.0	1551.8	1671.4	1804.5	1892.9	1964.9	2123.9	2304.6	2445.9	2592.6
30°	1296.3	1401.0	1509.7	1617.0	1766.5	1850.7	1933.6	2108.9	2315.4	2477.1	2589.9
32.5°	1256.9	1345.2	1452.6	1557.2	1705.3	1797.7	1891.5	2094.0	2319.5	2455.4	2509.8
35°	1202.6	1295.0	1381.9	1493.4	1642.8	1733.9	1843.9	2092.6	2301.9	2386.1	2358.9
37.5°	1152.3	1229.7	1312.6	1411.8	1565.4	1683.6	1797.7	2057.3	2243.4	2248.9	2095.3
40°	1096.6	1160.4	1229.7	1334.4	1500.1	1617.0	1740.7	2002.9	2137.4	2057.3	1786.9
42.5°	1032.7	1089.8	1144.1	1246.0	1426.8	1557.2	1690.4	1935.0	1983.9	1799.1	1517.8
45°	964.8	1011.0	1061.2	1168.6	1349.3	1478.4	1611.6	1830.3	1780.1	1519.2	1251.5
47.5°	894.1	933.5	982.4	1080.3	1266.4	1398.2	1524.6	1680.9	1553.1	1273.2	1049.0
50°	823.5	854.7	902.3	1002.8	1182.2	1301.8	1418.6	1520.5	1341.2	1092.5	866.9
52.5°	754.2	778.6	827.5	913.1	1087.1	1201.2	1285.5	1324.9	1142.8	902.3	752.8
55°	680.8	708.0	740.6	827.5	1000.1	1084.3	1140.1	1138.7	951.2	765.0	622.3
57.5°	610.1	634.6	663.1	750.1	890.0	947.1	994.7	971.6	793.6	626.4	534.0
60°	547.6	561.2	592.4	665.8	771.8	820.7	847.9	808.5	648.2	528.6	441.6
62.5°	479.7	493.3	519.1	588.4	653.6	679.4	702.5	652.2	535.4	430.7	377.8
65°	417.2	434.8	451.1	506.8	542.2	573.4	570.7	528.6	418.5	350.6	307.1
67.5°	362.8	369.6	383.2	417.2	433.5	456.6	457.9	410.4	337.0	285.4	259.5
70°	304.4	311.2	320.7	337.0	347.9	353.3	350.6	308.5	254.1	222.8	199.7
72.5°	254.1	252.7	259.5	259.5	270.4	269.0	260.9	228.3	193.0	167.1	153.5
75°	199.7	201.1	202.5	199.7	195.7	190.2	183.4	159.0	135.9	123.7	111.4
77.5°	156.3	153.5	154.9	145.4	140.0	134.5	125.0	112.8	93.8	91.0	85.6
80°	111.4	110.1	108.7	104.6	92.4	87.0	80.2	73.4	69.3	66.6	65.2
82.5°	74.7	74.7	72.0	63.9	57.1	53.0	51.6	48.9	44.8	44.8	43.5
85°	44.8	43.5	40.8	32.6	28.5	28.5	28.5	28.5	25.8	25.8	24.5
87.5°	17.7	16.3	12.2	12.2	10.9	10.9	10.9	9.5	9.5	8.2	8.2
90°	1.1	2.3	3.4	5.2	6.3	6.9	7.5	9.2	10.9	12.6	14.3
92.5°	8.6	12.6	18.4	23.5	29.3	34.4	39.6	58.0	88.4	118.2	106.7
95°	19.5	21.2	27.5	37.3	52.2	63.4	74.6	123.4	208.9	303.0	340.3
97.5°	31.0	31.6	36.7	45.3	60.3	72.6	84.9	133.1	232.4	390.8	523.4
100°	42.5	43.0	47.1	55.1	68.9	80.1	91.2	131.4	216.3	367.3	543.4
102.5°	54.5	55.7	59.1	66.6	78.6	88.6	98.7	133.7	202.6	332.8	506.1
105°	66.6	68.3	71.7	78.6	89.5	98.4	107.3	138.3	197.4	305.9	461.4
107.5°	79.2	80.9	84.4	91.2	101.6	109.9	118.2	145.8	196.3	286.4	421.8
110°	93.0	94.7	97.6	103.9	113.6	121.6	129.7	155.5	199.1	276.0	389.1

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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	105.6	107.3	110.2	116.5	126.3	134.0	141.7	165.3	204.9	270.3	367.3
115°	117.6	119.9	123.4	129.1	138.9	146.6	154.4	176.2	211.2	269.7	352.9
117.5°	129.7	132.6	135.4	140.6	151.5	158.6	165.8	187.7	219.2	270.3	343.2
120°	142.3	144.0	146.9	152.6	163.6	170.8	177.9	198.6	228.4	272.6	336.9
122.5°	153.2	154.9	157.8	164.1	174.5	182.2	189.9	210.0	237.0	276.6	332.8
125°	163.6	164.7	168.1	174.5	185.4	193.2	200.9	220.9	246.2	280.6	329.4
127.5°	171.6	173.3	177.3	183.6	195.7	203.4	211.2	230.7	253.6	285.2	327.7
130°	179.0	180.8	185.9	192.8	204.9	212.6	220.4	239.3	261.1	289.8	326.0
132.5°	184.8	187.1	192.8	201.4	213.5	221.0	228.4	246.8	268.0	293.2	325.4
135°	191.7	194.0	200.3	208.9	220.9	228.6	236.4	254.2	273.7	296.7	324.8
137.5°	198.0	200.3	206.6	215.8	227.8	235.0	242.2	259.4	278.3	299.0	323.7
140°	204.3	207.2	212.9	222.1	233.6	240.8	247.9	264.6	281.8	301.3	323.1
142.5°	211.2	213.5	219.8	227.8	239.3	245.9	252.5	268.6	285.2	303.0	321.9
145°	218.6	220.4	225.5	234.1	243.9	250.5	257.1	272.0	287.5	303.6	320.8
147.5°	226.1	227.3	232.4	239.9	249.6	255.4	261.1	274.9	289.2	303.6	319.1
150°	233.6	234.1	238.7	246.2	254.2	259.4	264.6	277.8	289.8	303.6	316.8
152.5°	241.0	241.0	245.6	251.9	258.8	263.7	268.6	279.5	290.9	301.9	313.9
155°	248.5	248.5	251.9	257.7	264.0	268.0	272.0	281.8	290.9	300.7	310.5
157.5°	254.2	254.8	257.7	262.8	268.6	271.8	274.9	282.9	291.5	299.0	307.6
160°	261.1	261.1	263.4	268.0	272.0	274.9	277.8	284.6	291.5	297.8	304.1
162.5°	266.3	266.3	268.0	271.4	274.9	277.2	279.5	285.2	290.9	295.5	300.7
165°	271.4	270.9	272.0	274.9	277.2	279.2	281.2	285.8	289.8	293.2	297.3
167.5°	275.5	274.9	275.5	277.8	279.5	280.9	282.3	285.8	289.2	290.9	293.8
170°	278.9	277.8	278.3	280.0	281.2	281.8	282.3	285.2	287.5	288.7	290.4
172.5°	281.2	280.6	280.6	281.8	282.3	282.6	282.9	285.2	286.9	286.9	287.5
175°	282.9	282.3	281.8	282.9	282.9	283.2	283.5	284.6	285.8	285.2	285.2
177.5°	284.1	283.5	282.9	283.5	283.5	283.5	283.5	284.1	285.2	284.1	283.5
180°	283.5	283.5	283.5	283.5	283.5	283.5	283.5	283.5	283.5	283.5	283.5

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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	1587.1	1587.1	1587.1	1587.1	1587.1	1587.1	1587.1	1587.1	1587.1	1587.1	1587.1
2.5°	1675.4	1675.4	1687.7	1699.9	1693.1	1697.2	1712.1	1706.7	1717.6	1716.2	1720.3
5°	1801.8	1816.8	1829.0	1854.8	1858.9	1854.8	1880.6	1887.4	1899.6	1884.7	1891.5
7.5°	1944.5	1975.7	2005.6	2043.7	2055.9	2058.6	2072.2	2091.2	2107.5	2077.7	2092.6
10°	2083.1	2130.6	2191.8	2225.8	2255.7	2266.5	2277.4	2289.6	2308.7	2326.3	2312.7
12.5°	2232.6	2301.9	2360.3	2421.4	2458.1	2454.0	2485.3	2493.5	2508.4	2512.5	2517.9
15°	2354.9	2452.7	2489.4	2580.4	2588.6	2615.7	2651.1	2682.3	2686.4	2678.3	2678.3
17.5°	2471.7	2556.0	2621.2	2694.6	2709.5	2732.6	2777.4	2792.4	2797.8	2796.5	2796.5
20°	2566.8	2622.5	2732.6	2793.8	2818.2	2848.1	2879.4	2898.4	2902.5	2907.9	2899.7
22.5°	2629.3	2713.6	2803.3	2853.5	2873.9	2884.8	2905.2	2910.6	2903.8	2905.2	2906.5
25°	2678.3	2761.1	2815.5	2829.1	2827.7	2814.1	2799.2	2773.4	2770.7	2759.8	2738.0
27.5°	2691.8	2723.1	2716.3	2660.6	2604.9	2599.4	2509.8	2460.8	2405.1	2413.3	2382.0
30°	2618.5	2577.7	2481.2	2339.9	2281.5	2186.4	2085.8	1981.2	1940.4	1895.6	1978.5
32.5°	2439.1	2293.7	2122.5	1939.1	1841.2	1757.0	1649.6	1573.5	1530.0	1493.4	1564.0
35°	2168.7	1941.8	1714.8	1540.9	1460.7	1384.6	1284.1	1246.0	1191.7	1197.1	1203.9
37.5°	1820.8	1570.8	1399.6	1228.4	1175.4	1144.1	1070.8	1012.3	993.3	987.9	987.9
40°	1494.7	1289.5	1137.3	1002.8	962.1	936.2	877.8	850.6	830.2	824.8	831.6
42.5°	1236.5	1061.2	943.0	853.3	824.8	792.2	767.7	733.8	729.7	720.2	732.4
45°	1038.1	886.0	797.6	732.4	708.0	695.7	668.5	648.2	640.0	638.7	648.2
47.5°	880.5	762.3	684.9	644.1	625.1	612.8	589.7	581.6	573.4	576.1	572.1
50°	739.2	650.9	600.6	563.9	551.7	539.5	524.5	516.4	512.3	512.3	510.9
52.5°	634.6	561.2	528.6	494.6	489.2	482.4	466.1	460.6	453.8	452.5	457.9
55°	543.5	493.3	460.6	440.3	434.8	421.2	414.4	407.6	403.6	400.9	402.2
57.5°	464.7	426.7	404.9	387.3	377.8	372.3	360.1	358.7	356.0	356.0	354.7
60°	399.5	372.3	346.5	335.6	328.8	322.0	320.7	312.5	308.5	311.2	309.8
62.5°	338.3	316.6	301.7	289.4	285.4	279.9	275.8	273.1	269.0	270.4	270.4
65°	282.6	265.0	254.1	243.2	241.9	236.4	235.1	232.4	232.4	231.0	233.7
67.5°	232.4	220.1	210.6	203.8	199.7	201.1	195.7	191.6	191.6	190.2	194.3
70°	184.8	178.0	168.5	160.3	154.9	154.9	148.1	146.8	146.8	146.8	145.4
72.5°	142.7	130.4	126.4	123.7	123.7	123.7	120.9	120.9	119.6	120.9	119.6
75°	106.0	104.6	101.9	100.6	100.6	99.2	97.8	97.8	97.8	97.8	97.8
77.5°	82.9	82.9	80.2	78.8	78.8	78.8	77.5	77.5	76.1	76.1	76.1
80°	61.1	61.1	58.4	58.4	58.4	57.1	57.1	57.1	58.4	57.1	57.1
82.5°	42.1	42.1	40.8	42.1	40.8	39.4	39.4	39.4	38.0	39.4	39.4
85°	24.5	24.5	23.1	21.7	23.1	23.1	21.7	23.1	21.7	23.1	21.7
87.5°	9.5	8.2	8.2	8.2	6.8	8.2	6.8	6.8	8.2	6.8	8.2
90°	13.8	14.3	14.9	15.5	16.0	16.6	16.1	16.6	17.2	16.6	17.2
92.5°	79.8	56.8	44.2	38.4	36.4	34.4	33.3	31.0	31.6	30.4	31.6
95°	276.0	206.6	140.0	109.6	99.2	88.9	78.0	72.9	68.9	66.6	68.9
97.5°	541.2	474.6	358.1	282.3	249.6	216.9	178.5	156.7	142.9	136.6	142.9
100°	656.5	676.6	630.1	563.0	522.2	481.5	423.5	381.6	359.2	359.8	359.2
102.5°	662.2	743.7	753.5	721.3	699.2	677.2	635.3	604.3	586.5	569.8	586.5
105°	626.1	746.0	803.4	814.3	806.8	799.4	773.0	751.2	732.8	730.0	732.8
107.5°	574.4	711.6	801.7	846.4	854.2	861.9	858.5	848.2	840.7	834.4	840.7
110°	526.2	657.6	763.2	835.5	855.6	875.7	891.8	896.4	895.2	894.1	895.2

TEST NUMBER: P1012216

CATALOG NUMBER: S123RDIP-B1000D585UB35-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	484.3	604.3	712.7	795.9	823.2	850.5	883.2	899.8	905.6	906.1	905.6
115°	452.2	558.4	658.2	742.6	773.8	805.1	848.2	873.4	884.9	887.8	884.9
117.5°	431.0	522.8	611.2	688.6	721.0	753.5	798.2	826.4	843.6	847.6	843.6
120°	414.9	495.8	573.3	642.2	671.2	700.1	745.4	777.6	791.4	794.8	791.4
122.5°	401.7	474.6	542.9	605.4	631.8	658.2	697.2	725.4	740.9	745.4	740.9
125°	390.8	456.2	518.8	573.9	596.8	619.8	656.5	681.8	696.1	700.1	696.1
127.5°	380.5	439.6	496.4	546.9	568.2	589.4	622.6	644.4	657.6	661.1	657.6
130°	372.4	424.1	475.7	522.2	541.7	561.2	591.7	612.3	624.4	629.0	624.4
132.5°	365.0	409.7	456.2	498.7	517.0	535.4	563.5	584.2	594.5	597.4	594.5
135°	358.7	397.1	437.9	475.2	491.6	507.9	536.0	553.2	563.5	567.6	563.5
137.5°	352.9	385.1	419.5	452.8	467.4	482.0	506.1	523.9	532.5	536.0	532.5
140°	347.8	374.7	404.0	431.5	443.8	456.2	478.0	494.1	503.3	502.7	503.3
142.5°	343.2	365.0	389.1	412.0	422.4	432.7	450.5	464.3	472.3	471.7	472.3
145°	339.2	357.5	376.5	394.8	403.2	411.5	425.8	437.9	442.4	443.6	442.4
147.5°	335.1	351.2	366.7	382.2	388.2	394.2	405.7	414.3	418.9	419.5	418.9
150°	331.1	344.3	357.5	369.6	375.0	380.5	389.1	395.4	398.8	398.8	398.8
152.5°	326.5	338.0	348.9	359.2	363.5	367.8	374.2	379.9	381.6	381.6	381.6
155°	321.9	331.7	340.9	349.5	353.0	356.4	361.5	366.1	367.3	367.8	367.3
157.5°	316.8	324.8	332.8	339.7	342.6	345.5	350.1	353.5	354.6	354.6	354.6
160°	311.6	319.1	325.4	331.1	333.1	335.1	339.2	342.6	342.6	342.0	342.6
162.5°	306.4	312.2	317.3	322.5	324.2	326.0	328.3	331.1	331.1	330.5	331.1
165°	301.9	306.4	309.9	313.9	315.4	316.8	319.1	321.4	320.8	320.8	320.8
167.5°	297.3	301.3	304.1	306.4	307.5	308.7	309.9	311.6	311.0	311.0	311.0
170°	293.2	296.1	297.8	300.1	300.7	301.3	301.9	303.0	302.4	302.4	302.4
172.5°	289.2	291.5	292.7	294.4	294.7	295.0	295.0	296.1	295.0	294.4	295.0
175°	286.4	287.5	288.1	289.2	289.2	289.2	289.2	289.8	289.2	288.7	289.2
177.5°	284.1	284.6	285.2	285.8	285.8	285.8	285.2	285.8	284.6	284.6	284.6
180°	283.5	283.5	283.5	283.5	283.5	283.5	283.5	283.5	283.5	283.5	283.5

TEST NUMBER: P1012216

CATALOG NUMBER: S123RDIP-B1000D585UB35-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	1587.1	1587.1	1587.1	1587.1	1587.1	1587.1	1587.1	1587.1	1587.1	1587.1	1587.1
2.5°	1713.5	1705.3	1699.9	1695.8	1691.7	1704.0	1687.7	1670.0	1657.8	1649.6	1646.9
5°	1892.9	1875.2	1860.2	1848.0	1850.7	1850.7	1822.2	1790.9	1763.8	1748.8	1732.5
7.5°	2100.8	2081.7	2051.8	2045.0	2039.6	2005.6	1977.1	1920.0	1886.1	1852.1	1822.2
10°	2307.3	2282.8	2254.3	2244.8	2231.2	2189.1	2145.6	2072.2	2030.1	1967.6	1928.2
12.5°	2500.2	2470.4	2441.8	2435.0	2414.6	2378.0	2303.2	2227.1	2155.1	2088.5	2019.2
15°	2661.9	2653.8	2610.3	2583.1	2538.3	2488.0	2471.7	2368.4	2277.4	2208.1	2083.1
17.5°	2797.8	2759.8	2719.0	2701.4	2683.7	2625.3	2566.8	2460.8	2363.0	2261.1	2180.9
20°	2906.5	2864.4	2835.9	2810.1	2801.9	2735.3	2642.9	2549.2	2441.8	2327.7	2223.0
22.5°	2912.0	2906.5	2887.5	2872.6	2856.3	2812.8	2739.4	2622.5	2508.4	2383.4	2246.1
25°	2799.2	2791.0	2845.4	2831.8	2842.7	2826.4	2787.0	2689.1	2556.0	2409.2	2270.6
27.5°	2459.5	2542.4	2628.0	2657.9	2678.3	2736.7	2755.7	2701.4	2594.0	2437.7	2282.8
30°	1997.5	2107.5	2246.1	2320.9	2378.0	2486.7	2628.0	2645.6	2595.4	2470.4	2280.1
32.5°	1568.1	1668.6	1780.1	1868.4	1944.5	2167.3	2357.6	2494.8	2519.3	2454.0	2286.9
35°	1263.7	1307.2	1413.2	1497.4	1600.7	1790.9	2015.1	2236.6	2386.1	2394.3	2266.5
37.5°	1042.2	1065.3	1157.7	1205.3	1266.4	1433.6	1642.8	1932.3	2164.6	2274.7	2209.5
40°	862.9	915.9	968.8	996.0	1039.5	1155.0	1356.1	1583.0	1871.1	2074.9	2121.1
42.5°	748.7	771.8	805.8	843.8	871.0	971.6	1106.1	1314.0	1573.5	1857.5	1985.3
45°	660.4	668.5	703.9	728.3	756.9	827.5	922.6	1096.6	1324.9	1604.8	1822.2
47.5°	587.0	603.3	622.3	637.3	656.3	710.7	792.2	918.6	1119.7	1369.7	1603.4
50°	521.8	531.3	555.8	562.6	576.1	614.2	676.7	773.2	939.0	1138.7	1380.6
52.5°	460.6	478.3	487.8	497.3	509.6	540.8	581.6	660.4	785.4	972.9	1178.1
55°	413.1	418.5	432.1	440.3	449.8	471.5	506.8	565.3	663.1	812.6	1006.9
57.5°	366.9	366.9	380.5	387.3	396.8	413.1	444.3	489.2	559.8	671.3	849.3
60°	318.0	319.3	330.2	338.3	341.1	357.4	383.2	418.5	472.9	554.4	699.8
62.5°	274.5	281.3	286.7	289.4	298.9	308.5	330.2	354.7	392.7	464.7	568.0
65°	237.8	239.2	243.2	245.9	250.0	260.9	277.2	293.5	326.1	379.1	463.4
67.5°	195.7	201.1	206.5	206.5	210.6	216.1	232.4	245.9	270.4	301.7	358.7
70°	146.8	149.5	157.6	161.7	167.1	176.6	184.8	193.0	212.0	235.1	278.6
72.5°	122.3	122.3	125.0	126.4	126.4	133.2	145.4	153.5	163.1	179.4	209.3
75°	97.8	97.8	101.9	100.6	103.3	106.0	107.3	112.8	118.2	130.4	148.1
77.5°	77.5	78.8	78.8	80.2	80.2	81.5	82.9	85.6	88.3	95.1	103.3
80°	57.1	58.4	58.4	59.8	59.8	61.1	62.5	63.9	66.6	69.3	73.4
82.5°	39.4	40.8	40.8	42.1	40.8	42.1	43.5	43.5	44.8	47.6	48.9
85°	23.1	23.1	24.5	23.1	23.1	23.1	24.5	24.5	25.8	29.9	29.9
87.5°	6.8	8.2	6.8	8.2	8.2	8.2	8.2	9.5	9.5	10.9	12.2
90°	16.6	16.1	16.6	16.0	15.5	14.9	14.3	13.8	14.3	12.6	10.9
92.5°	31.0	33.3	34.4	36.4	38.4	44.2	56.8	79.8	106.7	118.2	88.4
95°	72.9	78.0	88.9	99.2	109.6	140.0	206.6	276.0	340.3	303.0	208.9
97.5°	156.7	178.5	216.9	249.6	282.3	358.1	474.6	541.2	523.4	390.8	232.4
100°	381.6	423.5	481.5	522.2	563.0	630.1	676.6	656.5	543.4	367.3	216.3
102.5°	604.3	635.3	677.2	699.2	721.3	753.5	743.7	662.2	506.1	332.8	202.6
105°	751.2	773.0	799.4	806.8	814.3	803.4	746.0	626.1	461.4	305.9	197.4
107.5°	848.2	858.5	861.9	854.2	846.4	801.7	711.6	574.4	421.8	286.4	196.3
110°	896.4	891.8	875.7	855.6	835.5	763.2	657.6	526.2	389.1	276.0	199.1

TEST NUMBER: P1012216

CATALOG NUMBER: S123RDIP-B1000D585UB35-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	899.8	883.2	850.5	823.2	795.9	712.7	604.3	484.3	367.3	270.3	204.9
115°	873.4	848.2	805.1	773.8	742.6	658.2	558.4	452.2	352.9	269.7	211.2
117.5°	826.4	798.2	753.5	721.0	688.6	611.2	522.8	431.0	343.2	270.3	219.2
120°	777.6	745.4	700.1	671.2	642.2	573.3	495.8	414.9	336.9	272.6	228.4
122.5°	725.4	697.2	658.2	631.8	605.4	542.9	474.6	401.7	332.8	276.6	237.0
125°	681.8	656.5	619.8	596.8	573.9	518.8	456.2	390.8	329.4	280.6	246.2
127.5°	644.4	622.6	589.4	568.2	546.9	496.4	439.6	380.5	327.7	285.2	253.6
130°	612.3	591.7	561.2	541.7	522.2	475.7	424.1	372.4	326.0	289.8	261.1
132.5°	584.2	563.5	535.4	517.0	498.7	456.2	409.7	365.0	325.4	293.2	268.0
135°	553.2	536.0	507.9	491.6	475.2	437.9	397.1	358.7	324.8	296.7	273.7
137.5°	523.9	506.1	482.0	467.4	452.8	419.5	385.1	352.9	323.7	299.0	278.3
140°	494.1	478.0	456.2	443.8	431.5	404.0	374.7	347.8	323.1	301.3	281.8
142.5°	464.3	450.5	432.7	422.4	412.0	389.1	365.0	343.2	321.9	303.0	285.2
145°	437.9	425.8	411.5	403.2	394.8	376.5	357.5	339.2	320.8	303.6	287.5
147.5°	414.3	405.7	394.2	388.2	382.2	366.7	351.2	335.1	319.1	303.6	289.2
150°	395.4	389.1	380.5	375.0	369.6	357.5	344.3	331.1	316.8	303.6	289.8
152.5°	379.9	374.2	367.8	363.5	359.2	348.9	338.0	326.5	313.9	301.9	290.9
155°	366.1	361.5	356.4	353.0	349.5	340.9	331.7	321.9	310.5	300.7	290.9
157.5°	353.5	350.1	345.5	342.6	339.7	332.8	324.8	316.8	307.6	299.0	291.5
160°	342.6	339.2	335.1	333.1	331.1	325.4	319.1	311.6	304.1	297.8	291.5
162.5°	331.1	328.3	326.0	324.2	322.5	317.3	312.2	306.4	300.7	295.5	290.9
165°	321.4	319.1	316.8	315.4	313.9	309.9	306.4	301.9	297.3	293.2	289.8
167.5°	311.6	309.9	308.7	307.5	306.4	304.1	301.3	297.3	293.8	290.9	289.2
170°	303.0	301.9	301.3	300.7	300.1	297.8	296.1	293.2	290.4	288.7	287.5
172.5°	296.1	295.0	295.0	294.7	294.4	292.7	291.5	289.2	287.5	286.9	286.9
175°	289.8	289.2	289.2	289.2	289.2	288.1	287.5	286.4	285.2	285.2	285.8
177.5°	285.8	285.2	285.8	285.8	285.8	285.2	284.6	284.1	283.5	284.1	285.2
180°	283.5	283.5	283.5	283.5	283.5	283.5	283.5	283.5	283.5	283.5	283.5

TEST NUMBER: P1012216

CATALOG NUMBER: S123RDIP-B1000D585UB35-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
0°	1587.1	1587.1	1587.1	1587.1	1587.1	1587.1	1587.1	1587.1	1587.1	1587.1	1587.1
2.5°	1642.8	1636.0	1629.2	1629.2	1614.3	1600.7	1593.9	1596.6	1588.5	1577.6	1566.7
5°	1714.8	1687.7	1682.2	1667.3	1646.9	1618.4	1603.4	1589.8	1573.5	1551.8	1531.4
7.5°	1781.4	1746.1	1727.1	1712.1	1672.7	1633.3	1600.7	1579.0	1550.4	1517.8	1493.4
10°	1868.4	1803.2	1782.8	1748.8	1693.1	1637.4	1599.3	1564.0	1524.6	1486.6	1453.9
12.5°	1937.7	1863.0	1824.9	1790.9	1718.9	1648.3	1584.4	1540.9	1493.4	1451.2	1409.1
15°	2016.5	1932.3	1865.7	1824.9	1733.9	1648.3	1576.2	1515.1	1462.1	1410.5	1373.8
17.5°	2054.6	1948.6	1918.7	1860.2	1728.4	1642.8	1554.5	1489.3	1425.4	1365.6	1322.1
20°	2114.3	1990.7	1916.0	1876.5	1759.7	1633.3	1530.0	1455.3	1388.7	1324.9	1278.7
22.5°	2118.4	1983.9	1935.0	1860.2	1716.2	1604.8	1508.3	1417.3	1339.8	1280.0	1232.5
25°	2108.9	1971.7	1903.7	1843.9	1724.4	1588.5	1464.8	1375.1	1299.0	1229.7	1174.0
27.5°	2104.8	1936.3	1872.5	1812.7	1678.2	1540.9	1439.0	1337.1	1250.1	1189.0	1131.9
30°	2099.4	1898.3	1820.8	1751.5	1627.9	1504.2	1381.9	1293.6	1210.7	1133.3	1076.2
32.5°	2064.1	1846.6	1767.8	1694.5	1561.3	1437.6	1341.2	1247.4	1157.7	1085.7	1034.1
35°	2053.2	1799.1	1695.8	1617.0	1486.6	1376.5	1274.6	1197.1	1112.9	1040.9	979.7
37.5°	2021.9	1750.2	1638.7	1538.2	1402.3	1297.7	1222.9	1145.5	1064.0	986.5	937.6
40°	1967.6	1693.1	1566.7	1463.5	1323.5	1217.5	1148.2	1091.1	1011.0	941.7	881.9
42.5°	1887.4	1634.7	1498.8	1390.1	1235.2	1136.0	1078.9	1024.6	956.6	884.6	835.7
45°	1795.0	1557.2	1430.8	1309.9	1152.3	1055.8	996.0	963.4	900.9	839.8	782.7
47.5°	1668.6	1477.0	1352.0	1227.0	1066.7	972.9	925.4	892.8	849.3	782.7	736.5
50°	1509.7	1373.8	1255.6	1144.1	982.4	892.8	845.2	820.7	784.0	736.5	691.6
52.5°	1333.0	1254.2	1156.4	1053.1	896.8	812.6	769.1	750.1	722.9	678.1	640.0
55°	1155.0	1121.0	1054.5	952.5	807.1	737.8	699.8	675.3	655.0	622.3	589.7
57.5°	996.0	979.7	933.5	854.7	732.4	660.4	627.8	611.5	595.2	570.7	538.1
60°	831.6	849.3	801.7	762.3	650.9	588.4	559.8	542.2	534.0	512.3	491.9
62.5°	688.9	705.2	678.1	648.2	569.3	513.6	496.0	479.7	474.2	455.2	434.8
65°	559.8	580.2	559.8	543.5	496.0	449.8	428.0	419.9	414.4	402.2	385.9
67.5°	445.7	466.1	456.6	436.2	421.2	383.2	371.0	362.8	360.1	350.6	337.0
70°	335.6	364.2	366.9	354.7	341.1	323.4	315.2	312.5	305.7	297.6	289.4
72.5°	241.9	274.5	275.8	275.8	267.7	267.7	259.5	255.5	255.5	247.3	237.8
75°	178.0	199.7	202.5	205.2	209.3	213.3	207.9	207.9	206.5	198.4	194.3
77.5°	118.2	137.2	144.0	153.5	159.0	159.0	161.7	164.4	161.7	157.6	154.9
80°	76.1	89.7	97.8	103.3	111.4	115.5	119.6	120.9	118.2	116.9	112.8
82.5°	50.3	54.4	58.4	65.2	74.7	81.5	81.5	80.2	82.9	81.5	80.2
85°	28.5	31.3	32.6	34.0	39.4	46.2	47.6	48.9	51.6	48.9	46.2
87.5°	10.9	12.2	12.2	12.2	14.9	16.3	20.4	25.8	24.5	21.7	21.7
90°	9.2	7.5	6.9	6.3	5.2	3.4	2.3	1.1	2.3	3.4	5.2
92.5°	58.0	39.6	34.4	29.3	23.5	18.4	12.6	8.6	12.6	18.4	23.5
95°	123.4	74.6	63.4	52.2	37.3	27.5	21.2	19.5	21.2	27.5	37.3
97.5°	133.1	84.9	72.6	60.3	45.3	36.7	31.6	31.0	31.6	36.7	45.3
100°	131.4	91.2	80.1	68.9	55.1	47.1	43.0	42.5	43.0	47.1	55.1
102.5°	133.7	98.7	88.6	78.6	66.6	59.1	55.7	54.5	55.7	59.1	66.6
105°	138.3	107.3	98.4	89.5	78.6	71.7	68.3	66.6	68.3	71.7	78.6
107.5°	145.8	118.2	109.9	101.6	91.2	84.4	80.9	79.2	80.9	84.4	91.2
110°	155.5	129.7	121.6	113.6	103.9	97.6	94.7	93.0	94.7	97.6	103.9

TEST NUMBER: P1012216

CATALOG NUMBER: S123RDIP-B1000D585UB35-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
112.5°	165.3	141.7	134.0	126.3	116.5	110.2	107.3	105.6	107.3	110.2	116.5
115°	176.2	154.4	146.6	138.9	129.1	123.4	119.9	117.6	119.9	123.4	129.1
117.5°	187.7	165.8	158.6	151.5	140.6	135.4	132.6	129.7	132.6	135.4	140.6
120°	198.6	177.9	170.8	163.6	152.6	146.9	144.0	142.3	144.0	146.9	152.6
122.5°	210.0	189.9	182.2	174.5	164.1	157.8	154.9	153.2	154.9	157.8	164.1
125°	220.9	200.9	193.2	185.4	174.5	168.1	164.7	163.6	164.7	168.1	174.5
127.5°	230.7	211.2	203.4	195.7	183.6	177.3	173.3	171.6	173.3	177.3	183.6
130°	239.3	220.4	212.6	204.9	192.8	185.9	180.8	179.0	180.8	185.9	192.8
132.5°	246.8	228.4	221.0	213.5	201.4	192.8	187.1	184.8	187.1	192.8	201.4
135°	254.2	236.4	228.6	220.9	208.9	200.3	194.0	191.7	194.0	200.3	208.9
137.5°	259.4	242.2	235.0	227.8	215.8	206.6	200.3	198.0	200.3	206.6	215.8
140°	264.6	247.9	240.8	233.6	222.1	212.9	207.2	204.3	207.2	212.9	222.1
142.5°	268.6	252.5	245.9	239.3	227.8	219.8	213.5	211.2	213.5	219.8	227.8
145°	272.0	257.1	250.5	243.9	234.1	225.5	220.4	218.6	220.4	225.5	234.1
147.5°	274.9	261.1	255.4	249.6	239.9	232.4	227.3	226.1	227.3	232.4	239.9
150°	277.8	264.6	259.4	254.2	246.2	238.7	234.1	233.6	234.1	238.7	246.2
152.5°	279.5	268.6	263.7	258.8	251.9	245.6	241.0	241.0	241.0	245.6	251.9
155°	281.8	272.0	268.0	264.0	257.7	251.9	248.5	248.5	248.5	251.9	257.7
157.5°	282.9	274.9	271.8	268.6	262.8	257.7	254.8	254.2	254.8	257.7	262.8
160°	284.6	277.8	274.9	272.0	268.0	263.4	261.1	261.1	261.1	263.4	268.0
162.5°	285.2	279.5	277.2	274.9	271.4	268.0	266.3	266.3	266.3	268.0	271.4
165°	285.8	281.2	279.2	277.2	274.9	272.0	270.9	271.4	270.9	272.0	274.9
167.5°	285.8	282.3	280.9	279.5	277.8	275.5	274.9	275.5	274.9	275.5	277.8
170°	285.2	282.3	281.8	281.2	280.0	278.3	277.8	278.9	277.8	278.3	280.0
172.5°	285.2	282.9	282.6	282.3	281.8	280.6	280.6	281.2	280.6	280.6	281.8
175°	284.6	283.5	283.2	282.9	282.9	281.8	282.3	282.9	282.3	281.8	282.9
177.5°	284.1	283.5	283.5	283.5	283.5	282.9	283.5	284.1	283.5	282.9	283.5
180°	283.5	283.5	283.5	283.5	283.5	283.5	283.5	283.5	283.5	283.5	283.5

TEST NUMBER: P1012216

CATALOG NUMBER: S123RDIP-B1000D585UB35-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
0°	1587.1	1587.1	1587.1	1587.1	1587.1	1587.1	1587.1	1587.1	1587.1	1587.1	1587.1
2.5°	1566.7	1559.9	1557.2	1550.4	1534.1	1523.2	1511.0	1502.9	1504.2	1497.4	1501.5
5°	1517.8	1516.5	1506.9	1493.4	1470.3	1458.0	1436.3	1425.4	1420.0	1421.3	1413.2
7.5°	1477.0	1464.8	1458.0	1436.3	1414.5	1388.7	1371.1	1361.5	1353.4	1345.2	1339.8
10°	1430.8	1420.0	1409.1	1386.0	1356.1	1331.7	1307.2	1297.7	1285.5	1280.0	1275.9
12.5°	1381.9	1375.1	1361.5	1334.4	1300.4	1277.3	1248.8	1243.3	1227.0	1216.2	1213.4
15°	1337.1	1333.0	1308.6	1277.3	1243.3	1220.2	1195.8	1179.5	1152.3	1157.7	1148.2
17.5°	1289.5	1271.9	1256.9	1214.8	1198.5	1163.2	1134.6	1126.5	1107.4	1095.2	1083.0
20°	1236.5	1225.7	1206.6	1179.5	1140.1	1099.3	1077.6	1064.0	1053.1	1034.1	1028.6
22.5°	1186.3	1172.7	1156.4	1121.0	1087.1	1053.1	1023.2	1011.0	997.4	983.8	975.6
25°	1146.9	1126.5	1108.8	1065.3	1031.4	1002.8	983.8	963.4	944.4	936.2	933.5
27.5°	1085.7	1073.5	1055.8	1015.0	983.8	952.5	934.9	921.3	900.9	891.4	883.2
30°	1046.3	1021.8	1001.5	968.8	937.6	903.6	887.3	871.0	858.8	846.6	837.0
32.5°	993.3	974.3	958.0	925.4	894.1	862.9	845.2	820.7	813.9	804.4	793.6
35°	941.7	929.4	911.8	876.4	842.5	820.7	801.7	778.6	770.5	763.7	754.2
37.5°	892.8	875.1	862.9	828.9	799.0	773.2	758.2	739.2	733.8	725.6	718.8
40°	850.6	833.0	820.7	786.8	755.5	728.3	718.8	699.8	691.6	682.1	678.1
42.5°	803.1	788.1	771.8	747.4	714.7	687.6	668.5	657.7	646.8	642.7	634.6
45°	752.8	739.2	727.0	699.8	665.8	646.8	630.5	615.5	607.4	600.6	595.2
47.5°	709.3	697.1	680.8	650.9	623.7	606.0	589.7	574.8	566.6	558.5	551.7
50°	659.0	652.2	634.6	606.0	580.2	559.8	544.9	531.3	525.9	516.4	505.5
52.5°	614.2	602.0	587.0	563.9	540.8	516.4	496.0	487.8	478.3	472.9	463.4
55°	561.2	553.0	536.7	516.4	491.9	471.5	456.6	445.7	433.5	428.0	415.8
57.5°	516.4	501.4	493.3	467.4	444.3	424.0	413.1	402.2	388.6	380.5	375.0
60°	467.4	453.8	441.6	419.9	403.6	381.8	365.5	356.0	346.5	335.6	330.2
62.5°	419.9	409.0	394.1	376.4	356.0	338.3	326.1	312.5	307.1	296.2	292.1
65°	368.2	360.1	347.9	327.5	311.2	296.2	284.0	273.1	267.7	263.6	260.9
67.5°	322.0	311.2	303.0	285.4	267.7	255.5	248.7	241.9	235.1	231.0	226.9
70°	274.5	266.3	258.2	241.9	229.6	218.8	213.3	207.9	203.8	199.7	195.7
72.5°	225.6	221.5	213.3	202.5	193.0	184.8	180.7	173.9	169.9	163.1	160.3
75°	186.2	179.4	175.3	165.8	157.6	150.8	145.4	137.2	131.8	129.1	127.7
77.5°	146.8	144.0	138.6	130.4	126.4	119.6	111.4	108.7	106.0	106.0	104.6
80°	110.1	106.0	101.9	95.1	91.0	85.6	85.6	85.6	84.2	85.6	84.2
82.5°	74.7	72.0	69.3	65.2	63.9	63.9	65.2	65.2	65.2	65.2	65.2
85°	43.5	43.5	43.5	44.8	43.5	43.5	44.8	46.2	44.8	44.8	43.5
87.5°	20.4	20.4	21.7	21.7	23.1	23.1	23.1	23.1	23.1	23.1	24.5
90°	6.3	6.9	7.5	9.2	10.9	12.6	14.3	13.8	14.3	14.9	15.5
92.5°	29.3	34.4	39.6	58.0	88.4	118.2	106.7	79.8	56.8	44.2	38.4
95°	52.2	63.4	74.6	123.4	208.9	303.0	340.3	276.0	206.6	140.0	109.6
97.5°	60.3	72.6	84.9	133.1	232.4	390.8	523.4	541.2	474.6	358.1	282.3
100°	68.9	80.1	91.2	131.4	216.3	367.3	543.4	656.5	676.6	630.1	563.0
102.5°	78.6	88.6	98.7	133.7	202.6	332.8	506.1	662.2	743.7	753.5	721.3
105°	89.5	98.4	107.3	138.3	197.4	305.9	461.4	626.1	746.0	803.4	814.3
107.5°	101.6	109.9	118.2	145.8	196.3	286.4	421.8	574.4	711.6	801.7	846.4
110°	113.6	121.6	129.7	155.5	199.1	276.0	389.1	526.2	657.6	763.2	835.5

TEST NUMBER: P1012216

CATALOG NUMBER: S123RDIP-B1000D585UB35-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
112.5°	126.3	134.0	141.7	165.3	204.9	270.3	367.3	484.3	604.3	712.7	795.9
115°	138.9	146.6	154.4	176.2	211.2	269.7	352.9	452.2	558.4	658.2	742.6
117.5°	151.5	158.6	165.8	187.7	219.2	270.3	343.2	431.0	522.8	611.2	688.6
120°	163.6	170.8	177.9	198.6	228.4	272.6	336.9	414.9	495.8	573.3	642.2
122.5°	174.5	182.2	189.9	210.0	237.0	276.6	332.8	401.7	474.6	542.9	605.4
125°	185.4	193.2	200.9	220.9	246.2	280.6	329.4	390.8	456.2	518.8	573.9
127.5°	195.7	203.4	211.2	230.7	253.6	285.2	327.7	380.5	439.6	496.4	546.9
130°	204.9	212.6	220.4	239.3	261.1	289.8	326.0	372.4	424.1	475.7	522.2
132.5°	213.5	221.0	228.4	246.8	268.0	293.2	325.4	365.0	409.7	456.2	498.7
135°	220.9	228.6	236.4	254.2	273.7	296.7	324.8	358.7	397.1	437.9	475.2
137.5°	227.8	235.0	242.2	259.4	278.3	299.0	323.7	352.9	385.1	419.5	452.8
140°	233.6	240.8	247.9	264.6	281.8	301.3	323.1	347.8	374.7	404.0	431.5
142.5°	239.3	245.9	252.5	268.6	285.2	303.0	321.9	343.2	365.0	389.1	412.0
145°	243.9	250.5	257.1	272.0	287.5	303.6	320.8	339.2	357.5	376.5	394.8
147.5°	249.6	255.4	261.1	274.9	289.2	303.6	319.1	335.1	351.2	366.7	382.2
150°	254.2	259.4	264.6	277.8	289.8	303.6	316.8	331.1	344.3	357.5	369.6
152.5°	258.8	263.7	268.6	279.5	290.9	301.9	313.9	326.5	338.0	348.9	359.2
155°	264.0	268.0	272.0	281.8	290.9	300.7	310.5	321.9	331.7	340.9	349.5
157.5°	268.6	271.8	274.9	282.9	291.5	299.0	307.6	316.8	324.8	332.8	339.7
160°	272.0	274.9	277.8	284.6	291.5	297.8	304.1	311.6	319.1	325.4	331.1
162.5°	274.9	277.2	279.5	285.2	290.9	295.5	300.7	306.4	312.2	317.3	322.5
165°	277.2	279.2	281.2	285.8	289.8	293.2	297.3	301.9	306.4	309.9	313.9
167.5°	279.5	280.9	282.3	285.8	289.2	290.9	293.8	297.3	301.3	304.1	306.4
170°	281.2	281.8	282.3	285.2	287.5	288.7	290.4	293.2	296.1	297.8	300.1
172.5°	282.3	282.6	282.9	285.2	286.9	286.9	287.5	289.2	291.5	292.7	294.4
175°	282.9	283.2	283.5	284.6	285.8	285.2	285.2	286.4	287.5	288.1	289.2
177.5°	283.5	283.5	283.5	284.1	285.2	284.1	283.5	284.1	284.6	285.2	285.8
180°	283.5	283.5	283.5	283.5	283.5	283.5	283.5	283.5	283.5	283.5	283.5

TEST NUMBER: P1012216

CATALOG NUMBER: S123RDIP-B1000D585UB35-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
0°	1587.1	1587.1	1587.1	1587.1	1587.1	1587.1	1587.1	1587.1	1587.1	1587.1	1587.1
2.5°	1500.1	1501.5	1497.4	1489.3	1487.9	1490.6	1498.8	1496.1	1489.3	1501.5	1490.6
5°	1417.3	1410.5	1407.7	1410.5	1402.3	1398.2	1406.4	1402.3	1406.4	1407.7	1411.8
7.5°	1337.1	1338.4	1330.3	1331.7	1320.8	1323.5	1323.5	1323.5	1327.6	1330.3	1335.7
10°	1267.8	1270.5	1261.0	1262.4	1254.2	1248.8	1252.8	1261.0	1261.0	1261.0	1263.7
12.5°	1212.1	1199.8	1193.1	1191.7	1182.2	1179.5	1187.6	1190.3	1197.1	1197.1	1201.2
15°	1142.8	1140.1	1134.6	1134.6	1111.5	1117.0	1119.7	1129.2	1142.8	1131.9	1134.6
17.5°	1080.3	1073.5	1066.7	1064.0	1061.2	1053.1	1064.0	1062.6	1070.8	1072.1	1076.2
20°	1024.6	1019.1	1005.5	1006.9	1009.6	997.4	1004.2	1004.2	1012.3	1020.5	1030.0
22.5°	970.2	964.8	958.0	960.7	952.5	949.8	949.8	956.6	966.1	972.9	971.6
25°	928.1	918.6	914.5	910.4	906.3	909.1	905.0	911.8	918.6	922.6	918.6
27.5°	880.5	876.4	868.3	864.2	857.4	860.1	862.9	868.3	872.4	872.4	876.4
30°	834.3	828.9	826.2	822.1	822.1	816.7	818.0	823.5	827.5	831.6	837.0
32.5°	789.5	785.4	781.3	781.3	778.6	777.3	775.9	784.0	784.0	792.2	792.2
35°	752.8	746.0	746.0	739.2	741.9	740.6	737.8	743.3	744.6	750.1	748.7
37.5°	712.0	712.0	709.3	702.5	697.1	698.4	705.2	705.2	709.3	708.0	712.0
40°	671.3	668.5	668.5	664.5	663.1	661.8	663.1	664.5	671.3	669.9	671.3
42.5°	630.5	631.9	625.1	625.1	625.1	621.0	622.3	623.7	626.4	629.1	633.2
45°	591.1	588.4	587.0	584.3	581.6	582.9	581.6	587.0	585.7	588.4	592.4
47.5°	549.0	544.9	543.5	538.1	538.1	540.8	539.5	543.5	544.9	549.0	546.2
50°	508.2	502.8	498.7	500.0	491.9	494.6	494.6	498.7	502.8	504.1	506.8
52.5°	460.6	459.3	457.9	451.1	449.8	448.4	449.8	451.1	456.6	460.6	462.0
55°	414.4	413.1	404.9	402.2	398.1	398.1	400.9	402.2	411.7	413.1	418.5
57.5°	372.3	368.2	358.7	357.4	357.4	357.4	353.3	358.7	361.4	368.2	368.2
60°	326.1	326.1	318.0	318.0	319.3	318.0	318.0	319.3	319.3	324.8	327.5
62.5°	289.4	288.1	288.1	285.4	284.0	285.4	284.0	284.0	285.4	289.4	293.5
65°	256.8	255.5	254.1	252.7	250.0	250.0	251.4	254.1	254.1	256.8	258.2
67.5°	225.6	225.6	222.8	222.8	221.5	220.1	221.5	220.1	225.6	225.6	226.9
70°	194.3	193.0	188.9	187.5	183.4	184.8	184.8	188.9	190.2	193.0	195.7
72.5°	156.3	156.3	153.5	150.8	152.2	149.5	149.5	150.8	150.8	154.9	156.3
75°	129.1	126.4	125.0	126.4	125.0	127.7	125.0	125.0	127.7	127.7	127.7
77.5°	106.0	106.0	104.6	104.6	106.0	104.6	106.0	106.0	106.0	104.6	106.0
80°	87.0	85.6	85.6	85.6	84.2	84.2	84.2	84.2	84.2	84.2	84.2
82.5°	65.2	65.2	63.9	65.2	65.2	63.9	65.2	63.9	63.9	65.2	65.2
85°	43.5	46.2	43.5	43.5	44.8	44.8	46.2	44.8	46.2	43.5	44.8
87.5°	23.1	24.5	24.5	23.1	23.1	24.5	24.5	24.5	25.8	23.1	24.5
90°	16.0	16.6	16.1	16.6	17.2	16.6	17.2	16.6	16.1	16.6	16.0
92.5°	36.4	34.4	33.3	31.0	31.6	30.4	31.6	31.0	33.3	34.4	36.4
95°	99.2	88.9	78.0	72.9	68.9	66.6	68.9	72.9	78.0	88.9	99.2
97.5°	249.6	216.9	178.5	156.7	142.9	136.6	142.9	156.7	178.5	216.9	249.6
100°	522.2	481.5	423.5	381.6	359.2	359.8	359.2	381.6	423.5	481.5	522.2
102.5°	699.2	677.2	635.3	604.3	586.5	569.8	586.5	604.3	635.3	677.2	699.2
105°	806.8	799.4	773.0	751.2	732.8	730.0	732.8	751.2	773.0	799.4	806.8
107.5°	854.2	861.9	858.5	848.2	840.7	834.4	840.7	848.2	858.5	861.9	854.2
110°	855.6	875.7	891.8	896.4	895.2	894.1	895.2	896.4	891.8	875.7	855.6

TEST NUMBER: P1012216

CATALOG NUMBER: S123RDIP-B1000D585UB35-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
112.5°	823.2	850.5	883.2	899.8	905.6	906.1	905.6	899.8	883.2	850.5	823.2
115°	773.8	805.1	848.2	873.4	884.9	887.8	884.9	873.4	848.2	805.1	773.8
117.5°	721.0	753.5	798.2	826.4	843.6	847.6	843.6	826.4	798.2	753.5	721.0
120°	671.2	700.1	745.4	777.6	791.4	794.8	791.4	777.6	745.4	700.1	671.2
122.5°	631.8	658.2	697.2	725.4	740.9	745.4	740.9	725.4	697.2	658.2	631.8
125°	596.8	619.8	656.5	681.8	696.1	700.1	696.1	681.8	656.5	619.8	596.8
127.5°	568.2	589.4	622.6	644.4	657.6	661.1	657.6	644.4	622.6	589.4	568.2
130°	541.7	561.2	591.7	612.3	624.4	629.0	624.4	612.3	591.7	561.2	541.7
132.5°	517.0	535.4	563.5	584.2	594.5	597.4	594.5	584.2	563.5	535.4	517.0
135°	491.6	507.9	536.0	553.2	563.5	567.6	563.5	553.2	536.0	507.9	491.6
137.5°	467.4	482.0	506.1	523.9	532.5	536.0	532.5	523.9	506.1	482.0	467.4
140°	443.8	456.2	478.0	494.1	503.3	502.7	503.3	494.1	478.0	456.2	443.8
142.5°	422.4	432.7	450.5	464.3	472.3	471.7	472.3	464.3	450.5	432.7	422.4
145°	403.2	411.5	425.8	437.9	442.4	443.6	442.4	437.9	425.8	411.5	403.2
147.5°	388.2	394.2	405.7	414.3	418.9	419.5	418.9	414.3	405.7	394.2	388.2
150°	375.0	380.5	389.1	395.4	398.8	398.8	398.8	395.4	389.1	380.5	375.0
152.5°	363.5	367.8	374.2	379.9	381.6	381.6	381.6	379.9	374.2	367.8	363.5
155°	353.0	356.4	361.5	366.1	367.3	367.8	367.3	366.1	361.5	356.4	353.0
157.5°	342.6	345.5	350.1	353.5	354.6	354.6	354.6	353.5	350.1	345.5	342.6
160°	333.1	335.1	339.2	342.6	342.6	342.0	342.6	342.6	339.2	335.1	333.1
162.5°	324.2	326.0	328.3	331.1	331.1	330.5	331.1	331.1	328.3	326.0	324.2
165°	315.4	316.8	319.1	321.4	320.8	320.8	320.8	321.4	319.1	316.8	315.4
167.5°	307.5	308.7	309.9	311.6	311.0	311.0	311.0	311.6	309.9	308.7	307.5
170°	300.7	301.3	301.9	303.0	302.4	302.4	302.4	303.0	301.9	301.3	300.7
172.5°	294.7	295.0	295.0	296.1	295.0	294.4	295.0	296.1	295.0	295.0	294.7
175°	289.2	289.2	289.2	289.8	289.2	288.7	289.2	289.8	289.2	289.2	289.2
177.5°	285.8	285.8	285.2	285.8	284.6	284.6	284.6	285.8	285.2	285.8	285.8
180°	283.5	283.5	283.5	283.5	283.5	283.5	283.5	283.5	283.5	283.5	283.5

TEST NUMBER: P1012216

CATALOG NUMBER: S123RDIP-B1000D585UB35-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
0°	1587.1	1587.1	1587.1	1587.1	1587.1	1587.1	1587.1	1587.1	1587.1	1587.1	1587.1
2.5°	1501.5	1506.9	1501.5	1490.6	1501.5	1508.3	1515.1	1526.0	1531.4	1531.4	1539.6
5°	1415.9	1426.8	1422.7	1420.0	1430.8	1437.6	1448.5	1462.1	1477.0	1486.6	1497.4
7.5°	1339.8	1346.6	1353.4	1353.4	1364.3	1379.2	1395.5	1411.8	1430.8	1444.4	1452.6
10°	1273.2	1278.7	1282.7	1288.2	1304.5	1320.8	1342.5	1362.9	1379.2	1394.2	1407.7
12.5°	1209.4	1217.5	1227.0	1231.1	1243.3	1263.7	1284.1	1308.6	1334.4	1349.3	1362.9
15°	1148.2	1152.3	1163.2	1175.4	1186.3	1208.0	1233.8	1259.6	1281.4	1304.5	1316.7
17.5°	1085.7	1087.1	1115.6	1108.8	1144.1	1164.5	1178.1	1202.6	1237.9	1256.9	1275.9
20°	1024.6	1038.1	1050.4	1057.2	1076.2	1099.3	1138.7	1157.7	1186.3	1203.9	1220.2
22.5°	977.0	997.4	997.4	1013.7	1023.2	1044.9	1073.5	1110.2	1141.4	1153.6	1176.7
25°	934.9	944.4	960.7	966.1	983.8	1002.8	1021.8	1061.2	1095.2	1111.5	1127.8
27.5°	880.5	892.8	914.5	914.5	937.6	958.0	981.1	1006.9	1040.9	1064.0	1081.6
30°	838.4	850.6	860.1	875.1	884.6	903.6	944.4	963.4	993.3	1013.7	1035.4
32.5°	799.0	808.5	816.7	833.0	843.8	865.6	887.3	921.3	947.1	966.1	989.2
35°	755.5	765.0	775.9	788.1	804.4	824.8	845.2	873.7	899.5	917.2	936.2
37.5°	714.7	721.5	737.8	746.0	759.6	778.6	804.4	834.3	857.4	871.0	890.0
40°	675.3	680.8	693.0	708.0	717.5	732.4	759.6	785.4	813.9	830.2	845.2
42.5°	633.2	640.0	650.9	665.8	680.8	697.1	712.0	741.9	767.7	781.3	797.6
45°	596.5	600.6	608.8	623.7	638.7	650.9	674.0	701.2	725.6	736.5	754.2
47.5°	553.0	557.1	569.3	576.1	592.4	608.8	631.9	659.0	680.8	691.6	708.0
50°	508.2	512.3	520.4	535.4	546.2	563.9	584.3	607.4	634.6	649.5	659.0
52.5°	464.7	472.9	479.7	491.9	505.5	523.1	542.2	563.9	587.0	602.0	612.8
55°	421.2	428.0	436.2	443.0	459.3	475.6	497.3	517.7	538.1	551.7	563.9
57.5°	372.3	381.8	390.0	403.6	415.8	429.4	453.8	470.2	494.6	504.1	515.0
60°	330.2	339.7	346.5	357.4	368.2	385.9	402.2	422.6	443.0	455.2	468.8
62.5°	294.9	298.9	303.0	313.9	324.8	341.1	357.4	377.8	399.5	406.3	417.2
65°	259.5	263.6	270.4	279.9	288.1	297.6	315.2	331.6	351.9	362.8	366.9
67.5°	229.6	233.7	235.1	241.9	248.7	259.5	269.0	285.4	304.4	311.2	319.3
70°	195.7	202.5	203.8	209.3	212.0	218.8	229.6	241.9	256.8	269.0	275.8
72.5°	156.3	165.8	168.5	176.6	180.7	187.5	195.7	205.2	214.7	220.1	225.6
75°	127.7	130.4	131.8	138.6	145.4	154.9	159.0	164.4	172.6	179.4	184.8
77.5°	106.0	107.3	108.7	108.7	110.1	115.5	123.7	130.4	135.9	138.6	142.7
80°	85.6	84.2	84.2	85.6	85.6	85.6	88.3	97.8	100.6	107.3	106.0
82.5°	66.6	63.9	65.2	63.9	63.9	63.9	63.9	65.2	65.2	69.3	72.0
85°	43.5	44.8	43.5	43.5	42.1	43.5	42.1	42.1	40.8	40.8	39.4
87.5°	23.1	24.5	23.1	23.1	21.7	23.1	21.7	21.7	20.4	20.4	17.7
90°	15.5	14.9	14.3	13.8	14.3	12.6	10.9	9.2	7.5	6.9	6.3
92.5°	38.4	44.2	56.8	79.8	106.7	118.2	88.4	58.0	39.6	34.4	29.3
95°	109.6	140.0	206.6	276.0	340.3	303.0	208.9	123.4	74.6	63.4	52.2
97.5°	282.3	358.1	474.6	541.2	523.4	390.8	232.4	133.1	84.9	72.6	60.3
100°	563.0	630.1	676.6	656.5	543.4	367.3	216.3	131.4	91.2	80.1	68.9
102.5°	721.3	753.5	743.7	662.2	506.1	332.8	202.6	133.7	98.7	88.6	78.6
105°	814.3	803.4	746.0	626.1	461.4	305.9	197.4	138.3	107.3	98.4	89.5
107.5°	846.4	801.7	711.6	574.4	421.8	286.4	196.3	145.8	118.2	109.9	101.6
110°	835.5	763.2	657.6	526.2	389.1	276.0	199.1	155.5	129.7	121.6	113.6

TEST NUMBER: P1012216

CATALOG NUMBER: S123RDIP-B1000D585UB35-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
112.5°	795.9	712.7	604.3	484.3	367.3	270.3	204.9	165.3	141.7	134.0	126.3
115°	742.6	658.2	558.4	452.2	352.9	269.7	211.2	176.2	154.4	146.6	138.9
117.5°	688.6	611.2	522.8	431.0	343.2	270.3	219.2	187.7	165.8	158.6	151.5
120°	642.2	573.3	495.8	414.9	336.9	272.6	228.4	198.6	177.9	170.8	163.6
122.5°	605.4	542.9	474.6	401.7	332.8	276.6	237.0	210.0	189.9	182.2	174.5
125°	573.9	518.8	456.2	390.8	329.4	280.6	246.2	220.9	200.9	193.2	185.4
127.5°	546.9	496.4	439.6	380.5	327.7	285.2	253.6	230.7	211.2	203.4	195.7
130°	522.2	475.7	424.1	372.4	326.0	289.8	261.1	239.3	220.4	212.6	204.9
132.5°	498.7	456.2	409.7	365.0	325.4	293.2	268.0	246.8	228.4	221.0	213.5
135°	475.2	437.9	397.1	358.7	324.8	296.7	273.7	254.2	236.4	228.6	220.9
137.5°	452.8	419.5	385.1	352.9	323.7	299.0	278.3	259.4	242.2	235.0	227.8
140°	431.5	404.0	374.7	347.8	323.1	301.3	281.8	264.6	247.9	240.8	233.6
142.5°	412.0	389.1	365.0	343.2	321.9	303.0	285.2	268.6	252.5	245.9	239.3
145°	394.8	376.5	357.5	339.2	320.8	303.6	287.5	272.0	257.1	250.5	243.9
147.5°	382.2	366.7	351.2	335.1	319.1	303.6	289.2	274.9	261.1	255.4	249.6
150°	369.6	357.5	344.3	331.1	316.8	303.6	289.8	277.8	264.6	259.4	254.2
152.5°	359.2	348.9	338.0	326.5	313.9	301.9	290.9	279.5	268.6	263.7	258.8
155°	349.5	340.9	331.7	321.9	310.5	300.7	290.9	281.8	272.0	268.0	264.0
157.5°	339.7	332.8	324.8	316.8	307.6	299.0	291.5	282.9	274.9	271.8	268.6
160°	331.1	325.4	319.1	311.6	304.1	297.8	291.5	284.6	277.8	274.9	272.0
162.5°	322.5	317.3	312.2	306.4	300.7	295.5	290.9	285.2	279.5	277.2	274.9
165°	313.9	309.9	306.4	301.9	297.3	293.2	289.8	285.8	281.2	279.2	277.2
167.5°	306.4	304.1	301.3	297.3	293.8	290.9	289.2	285.8	282.3	280.9	279.5
170°	300.1	297.8	296.1	293.2	290.4	288.7	287.5	285.2	282.3	281.8	281.2
172.5°	294.4	292.7	291.5	289.2	287.5	286.9	286.9	285.2	282.9	282.6	282.3
175°	289.2	288.1	287.5	286.4	285.2	285.2	285.8	284.6	283.5	283.2	282.9
177.5°	285.8	285.2	284.6	284.1	283.5	284.1	285.2	284.1	283.5	283.5	283.5
180°	283.5	283.5	283.5	283.5	283.5	283.5	283.5	283.5	283.5	283.5	283.5

TEST NUMBER: P1012216

CATALOG NUMBER: S123RDIP-B1000D585UB35-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
0°	1587.1	1587.1	1587.1	1587.1
2.5°	1546.3	1555.9	1574.9	1591.2
5°	1513.7	1528.7	1557.2	1585.8
7.5°	1474.3	1497.4	1534.1	1573.5
10°	1436.3	1466.2	1511.0	1557.2
12.5°	1398.2	1429.5	1477.0	1536.8
15°	1353.4	1386.0	1443.1	1515.1
17.5°	1314.0	1357.5	1409.1	1481.1
20°	1271.9	1304.5	1371.1	1447.2
22.5°	1218.9	1273.2	1335.7	1415.9
25°	1176.7	1224.3	1286.8	1377.9
27.5°	1125.1	1180.8	1256.9	1337.1
30°	1083.0	1129.2	1199.8	1296.3
32.5°	1034.1	1088.4	1161.8	1256.9
35°	990.6	1036.8	1106.1	1202.6
37.5°	939.0	989.2	1066.7	1152.3
40°	894.1	943.0	1016.4	1096.6
42.5°	839.8	891.4	964.8	1032.7
45°	796.3	843.8	902.3	964.8
47.5°	743.3	793.6	850.6	894.1
50°	695.7	741.9	786.8	823.5
52.5°	644.1	686.2	727.0	754.2
55°	596.5	629.1	661.8	680.8
57.5°	540.8	572.1	599.2	610.1
60°	491.9	517.7	535.4	547.6
62.5°	440.3	459.3	472.9	479.7
65°	390.0	403.6	410.4	417.2
67.5°	338.3	350.6	354.7	362.8
70°	284.0	297.6	300.3	304.4
72.5°	243.2	243.2	248.7	254.1
75°	194.3	197.0	199.7	199.7
77.5°	152.2	152.2	154.9	156.3
80°	111.4	112.8	112.8	111.4
82.5°	76.1	78.8	76.1	74.7
85°	42.1	47.6	44.8	44.8
87.5°	17.7	17.7	20.4	17.7
90°	5.2	3.4	2.3	1.1
92.5°	23.5	18.4	12.6	8.6
95°	37.3	27.5	21.2	19.5
97.5°	45.3	36.7	31.6	31.0
100°	55.1	47.1	43.0	42.5
102.5°	66.6	59.1	55.7	54.5
105°	78.6	71.7	68.3	66.6
107.5°	91.2	84.4	80.9	79.2
110°	103.9	97.6	94.7	93.0

TEST NUMBER: P1012216

CATALOG NUMBER: S123RDIP-B1000D585UB35-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
112.5°	116.5	110.2	107.3	105.6
115°	129.1	123.4	119.9	117.6
117.5°	140.6	135.4	132.6	129.7
120°	152.6	146.9	144.0	142.3
122.5°	164.1	157.8	154.9	153.2
125°	174.5	168.1	164.7	163.6
127.5°	183.6	177.3	173.3	171.6
130°	192.8	185.9	180.8	179.0
132.5°	201.4	192.8	187.1	184.8
135°	208.9	200.3	194.0	191.7
137.5°	215.8	206.6	200.3	198.0
140°	222.1	212.9	207.2	204.3
142.5°	227.8	219.8	213.5	211.2
145°	234.1	225.5	220.4	218.6
147.5°	239.9	232.4	227.3	226.1
150°	246.2	238.7	234.1	233.6
152.5°	251.9	245.6	241.0	241.0
155°	257.7	251.9	248.5	248.5
157.5°	262.8	257.7	254.8	254.2
160°	268.0	263.4	261.1	261.1
162.5°	271.4	268.0	266.3	266.3
165°	274.9	272.0	270.9	271.4
167.5°	277.8	275.5	274.9	275.5
170°	280.0	278.3	277.8	278.9
172.5°	281.8	280.6	280.6	281.2
175°	282.9	281.8	282.3	282.9
177.5°	283.5	282.9	283.5	284.1
180°	283.5	283.5	283.5	283.5

(END OF REPORT)