

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: P1012268

Luminaire Tested: S123RDIP-B1165D1025UB30-4F0-XX-W2A-A4

Issue Date: 5/7/2025

Test Information

Test Method: LM-79-2019
Report Number: P1012268
REPORT IS A COMBINATION OF REPORTS P992937 AND P1007351
Test Lab: INNOVATION CENTER
Issue Date: 5/7/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: NEO-RAY
Catalog Number: S123RDIP-B1165D1025UB30-4F0-XX-W2A-A4
Description: Define 3 Regressed Direct/Indirect Pendant with 3000K BioUP LEDs {m-DER=0.589}
{m-EER=0.647}
Light Source: -
Ballast/Driver: -

Summary

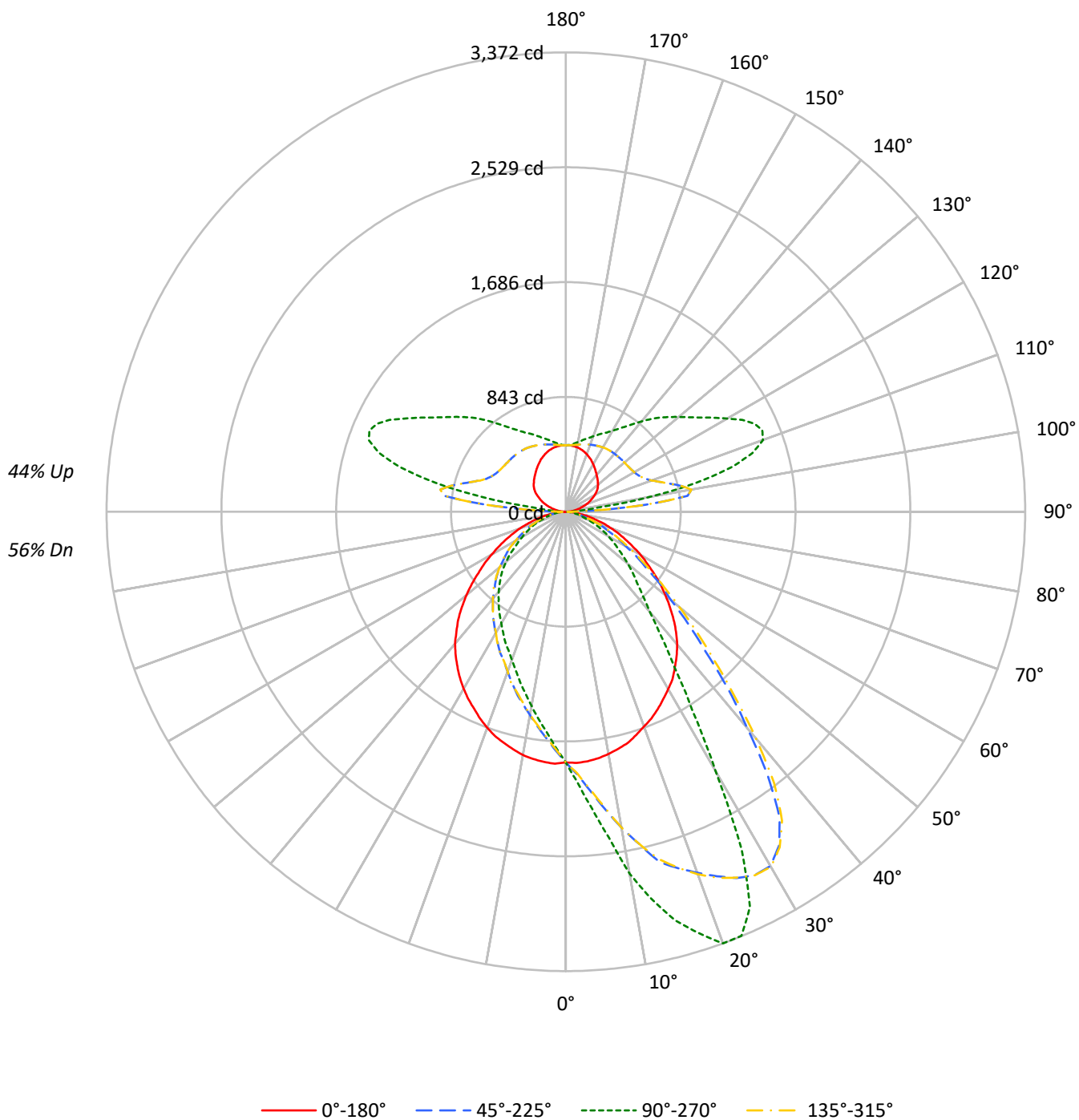
Lumens per Lamp: N/A
Luminaire Lumens: 8257.0 lumens
Efficiency: N/A
Efficacy: 91.9 lumens/watt
Spacing Criteria (0/90/45): 1.22 / 1.2 / 1.34
Luminous Opening: Rectangular w/ Sides (W: 0.25' x L: 4' x H: 0.1')
CIE Type: General Diffuse

Input Watts (W): 89.8
Input Voltage (V):
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT

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Luminous Intensity Polar Plot



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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20
RC	80				70				50				30				10
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10
RCR																	
0	108	108	108	108	101	101	101	101	86	86	86	73	73	73	61	61	61
1	100	96	92	89	93	89	86	83	77	74	72	65	64	62	55	54	53
2	91	84	78	73	85	79	74	69	68	64	61	58	56	53	49	47	46
3	84	75	68	62	78	70	64	59	61	56	52	52	49	46	44	42	40
4	77	66	59	53	71	62	55	50	54	49	45	47	43	40	40	37	35
5	71	60	52	46	66	56	49	44	49	43	39	42	38	35	36	33	31
6	65	54	46	40	61	50	43	38	44	39	34	39	34	31	33	30	27
7	61	49	41	35	56	46	39	34	40	35	31	35	31	27	30	27	24
8	56	44	37	32	52	42	35	30	37	31	27	32	28	25	28	25	22
9	53	41	33	28	49	38	32	27	34	29	25	30	25	22	26	23	20
10	49	37	30	26	46	35	29	24	31	26	22	28	23	20	24	21	18

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	19807	19807	19807	19807
5°	19822	22812	19873	16924
10°	19647	27538	19732	14782
15°	19445	31253	19445	13034
20°	19045	33712	19153	11563
25°	18754	32028	18718	10550
30°	18415	22191	18376	9560
35°	18006	14248	17925	8814
40°	17498	10061	17411	8071
45°	16613	8052	16589	7349
50°	15525	6735	15474	6503
55°	14302	5551	14187	5513
60°	13101	4588	12971	4689
65°	11693	3671	11768	3974
70°	10392	2550	10672	3213
75°	8810	1892	9168	2471
80°	7014	1255	7611	1853
85°	4995	594	5446	1153

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 30°

Vertical Angle: 45°

Luminance: 26443 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	180.7	2.2
10°-20°	565.7	6.9
20°-30°	890.9	10.8
30°-40°	926.4	11.2
40°-50°	792.6	9.6
50°-60°	604.3	7.3
60°-70°	387.1	4.7
70°-80°	185.5	2.2
80°-90°	51.5	0.6
90°-100°	264.9	3.2
100°-110°	775.6	9.4
110°-120°	757.4	9.2
120°-130°	603.2	7.3
130°-140°	475.9	5.8
140°-150°	355.0	4.3
150°-160°	247.5	3.0
160°-170°	145.4	1.8
170°-180°	47.3	0.6
0°-30°	1637.3	19.8
0°-40°	2563.8	31.0
0°-60°	3960.6	48.0
0°-90°	4584.7	55.5
90°-120°	1797.9	21.8
90°-150°	3232.0	39.1
90°-180°	3672.0	44.5
0°-180°	8257.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1840	1840	1840	1840	1840	
5°	1838	2185	1843	1621	1838	174
15°	1757	3105	1757	1295	1757	494
25°	1598	3200	1594	1054	1598	736
35°	1394	1388	1388	859	1394	873
45°	1119	740	1117	676	1119	861
55°	789	465	783	462	789	707
65°	484	268	487	290	484	483
75°	232	113	241	148	232	250
85°	52	27	57	52	52	58
90°	2	29	2	29	2	5
95°	34	115	34	115	34	36
105°	115	1257	115	1257	115	122
115°	203	1529	203	1529	203	201
125°	282	1206	282	1206	282	250
135°	330	977	330	977	330	255
145°	376	764	376	764	376	236
155°	428	634	428	634	428	197
165°	467	552	467	552	467	132
175°	487	497	487	497	487	46
180°	488	488	488	488	488	

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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	1840.1	1840.1	1840.1	1840.1	1840.1	1840.1	1840.1	1840.1	1840.1	1840.1	1840.1
2.5°	1844.8	1857.4	1866.9	1873.2	1889.0	1898.4	1906.3	1920.5	1920.5	1923.6	1929.9
5°	1838.5	1865.3	1884.2	1909.4	1942.5	1958.3	1980.3	1999.2	2026.0	2040.2	2054.4
7.5°	1824.4	1862.2	1901.6	1939.4	1988.2	2019.7	2041.8	2090.6	2125.3	2167.8	2200.9
10°	1805.5	1857.4	1907.9	1966.2	2032.3	2079.6	2112.7	2177.3	2243.4	2303.3	2353.7
12.5°	1781.8	1844.8	1917.3	1988.2	2081.2	2128.4	2182.0	2262.3	2356.9	2432.5	2500.2
15°	1756.6	1829.1	1911.0	1997.7	2114.2	2180.4	2257.6	2355.3	2460.8	2569.6	2662.5
17.5°	1717.2	1808.6	1900.0	2026.0	2163.1	2202.5	2268.6	2402.6	2533.3	2631.0	2744.4
20°	1677.8	1780.3	1895.3	2008.7	2156.8	2248.2	2309.6	2451.4	2591.6	2709.8	2818.5
22.5°	1641.6	1748.7	1868.5	2011.8	2150.5	2241.9	2319.1	2467.1	2629.4	2761.8	2895.7
25°	1597.5	1714.1	1846.4	1981.9	2150.5	2219.8	2304.9	2476.6	2648.3	2801.1	2966.6
27.5°	1550.2	1668.4	1799.2	1937.8	2092.2	2194.6	2278.1	2462.4	2672.0	2835.8	3005.9
30°	1503.0	1624.3	1750.3	1874.8	2048.1	2145.8	2241.9	2445.1	2684.6	2872.0	3002.8
32.5°	1457.3	1559.7	1684.2	1805.5	1977.2	2084.3	2193.0	2427.8	2689.3	2846.8	2909.8
35°	1394.3	1501.4	1602.2	1731.4	1904.7	2010.3	2137.9	2426.2	2668.8	2766.5	2735.0
37.5°	1336.0	1425.8	1521.9	1636.9	1814.9	1952.0	2084.3	2385.2	2601.1	2607.4	2429.3
40°	1271.4	1345.4	1425.8	1547.1	1739.3	1874.8	2018.1	2322.2	2478.2	2385.2	2071.7
42.5°	1197.3	1263.5	1326.5	1444.7	1654.2	1805.5	1959.9	2243.4	2300.1	2085.9	1759.8
45°	1118.6	1172.1	1230.4	1354.9	1564.4	1714.1	1868.5	2122.1	2063.8	1761.3	1451.0
47.5°	1036.6	1082.3	1139.0	1252.5	1468.3	1621.1	1767.6	1948.8	1800.7	1476.2	1216.2
50°	954.7	991.0	1046.1	1162.7	1370.6	1509.3	1644.8	1762.9	1555.0	1266.7	1005.1
52.5°	874.4	902.7	959.4	1058.7	1260.4	1392.7	1490.4	1536.1	1324.9	1046.1	872.8
55°	789.3	820.8	858.6	959.4	1159.5	1257.2	1321.8	1320.2	1102.8	887.0	721.6
57.5°	707.4	735.7	768.8	869.6	1031.9	1098.1	1153.2	1126.4	920.1	726.3	619.1
60°	634.9	650.7	686.9	772.0	894.9	951.6	983.1	937.4	751.5	612.8	512.0
62.5°	556.1	571.9	601.8	682.2	757.8	787.7	814.5	756.2	620.7	499.4	438.0
65°	483.7	504.1	523.0	587.6	628.6	664.8	661.7	612.8	485.2	406.5	356.1
67.5°	420.6	428.5	444.3	483.7	502.6	529.3	530.9	475.8	390.7	330.8	300.9
70°	352.9	360.8	371.8	390.7	403.3	409.6	406.5	357.6	294.6	258.4	231.6
72.5°	294.6	293.0	300.9	300.9	313.5	311.9	302.5	264.7	223.7	193.8	178.0
75°	231.6	233.2	234.7	231.6	226.9	220.6	212.7	184.3	157.5	143.4	129.2
77.5°	181.2	178.0	179.6	168.6	162.3	156.0	144.9	130.8	108.7	105.6	99.3
80°	129.2	127.6	126.0	121.3	107.1	100.8	93.0	85.1	80.3	77.2	75.6
82.5°	86.6	86.6	83.5	74.0	66.2	61.4	59.9	56.7	52.0	52.0	50.4
85°	52.0	50.4	47.3	37.8	33.1	33.1	33.1	33.1	29.9	29.9	28.4
87.5°	20.5	18.9	14.2	14.2	12.6	12.6	12.6	11.0	11.0	9.5	9.5
90°	2.0	4.0	5.9	8.9	10.9	11.9	12.8	15.8	18.8	21.7	24.7
92.5°	14.8	21.7	31.6	40.5	50.4	59.3	68.2	99.8	152.2	203.6	183.8
95°	33.6	36.6	47.4	64.2	89.9	109.2	128.5	212.5	359.7	521.8	586.0
97.5°	53.4	54.4	63.2	78.1	103.8	125.0	146.3	229.3	400.2	673.0	901.3
100°	73.1	74.1	81.0	94.9	118.6	137.8	157.1	226.3	372.6	632.5	935.9
102.5°	93.9	95.9	101.8	114.6	135.4	152.7	170.0	230.3	348.9	573.2	871.6
105°	114.6	117.6	123.5	135.4	154.2	169.5	184.8	238.2	340.0	526.7	794.6
107.5°	136.4	139.3	145.3	157.1	174.9	189.2	203.6	251.0	338.0	493.1	726.4
110°	160.1	163.1	168.0	178.9	195.7	209.5	223.3	267.8	342.9	475.4	670.0

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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	181.8	184.8	189.7	200.6	217.4	230.8	244.1	284.6	352.8	465.5	632.5
115°	202.6	206.5	212.5	222.4	239.2	252.5	265.8	303.4	363.7	464.5	607.8
117.5°	223.3	228.3	233.2	242.1	260.9	273.2	285.6	323.2	377.5	465.5	591.0
120°	245.1	248.1	253.0	262.9	281.7	294.0	306.4	341.9	393.3	469.4	580.1
122.5°	263.9	266.8	271.8	282.6	300.4	313.8	327.1	361.7	408.2	476.3	573.2
125°	281.7	283.6	289.6	300.4	319.2	332.5	345.9	380.5	424.0	483.3	567.3
127.5°	295.5	298.5	305.4	316.2	337.0	350.4	363.7	397.3	436.8	491.2	564.3
130°	308.3	311.3	320.2	332.1	352.8	366.2	379.5	412.1	449.7	499.1	561.3
132.5°	318.2	322.2	332.1	346.9	367.6	380.5	393.3	425.0	461.5	505.0	560.3
135°	330.1	334.0	344.9	359.7	380.5	393.8	407.2	437.8	471.4	510.9	559.4
137.5°	341.0	344.9	355.8	371.6	392.3	404.6	417.0	446.7	479.3	514.9	557.4
140°	351.8	356.8	366.6	382.5	402.2	414.6	426.9	455.6	485.2	518.8	556.4
142.5°	363.7	367.6	378.5	392.3	412.1	423.4	434.8	462.5	491.2	521.8	554.4
145°	376.5	379.5	388.4	403.2	420.0	431.4	442.7	468.4	495.1	522.8	552.4
147.5°	389.4	391.4	400.2	413.1	429.9	439.8	449.7	473.4	498.1	522.8	549.5
150°	402.2	403.2	411.1	424.0	437.8	446.7	455.6	478.3	499.1	522.8	545.5
152.5°	415.1	415.1	423.0	433.8	445.7	454.1	462.5	481.3	501.0	519.8	540.6
155°	427.9	427.9	433.8	443.7	454.6	461.5	468.4	485.2	501.0	517.8	534.6
157.5°	437.8	438.8	443.7	452.6	462.5	468.0	473.4	487.2	502.0	514.9	529.7
160°	449.7	449.7	453.6	461.5	468.4	473.4	478.3	490.2	502.0	512.9	523.8
162.5°	458.6	458.6	461.5	467.4	473.4	477.4	481.3	491.2	501.0	509.0	517.8
165°	467.4	466.5	468.4	473.4	477.3	480.8	484.2	492.2	499.1	505.0	511.9
167.5°	474.4	473.4	474.4	478.3	481.3	483.8	486.2	492.2	498.1	501.0	506.0
170°	480.3	478.3	479.3	482.3	484.2	485.2	486.2	491.2	495.1	497.1	500.1
172.5°	484.2	483.3	483.3	485.2	486.2	486.7	487.2	491.2	494.1	494.1	495.1
175°	487.2	486.2	485.2	487.2	487.2	487.7	488.2	490.2	492.2	491.2	491.2
177.5°	489.2	488.2	487.2	488.2	488.2	488.2	488.2	489.2	491.2	489.2	488.2
180°	488.2	488.2	488.2	488.2	488.2	488.2	488.2	488.2	488.2	488.2	488.2

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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	1840.1	1840.1	1840.1	1840.1	1840.1	1840.1	1840.1	1840.1	1840.1	1840.1	1840.1
2.5°	1942.5	1942.5	1956.7	1970.9	1963.0	1967.7	1985.1	1978.8	1991.4	1989.8	1994.5
5°	2089.0	2106.4	2120.5	2150.5	2155.2	2150.5	2180.4	2188.3	2202.5	2185.1	2193.0
7.5°	2254.5	2290.7	2325.4	2369.5	2383.6	2386.8	2402.6	2424.6	2443.5	2408.9	2426.2
10°	2415.2	2470.3	2541.2	2580.6	2615.2	2627.8	2640.4	2654.6	2676.7	2697.2	2681.4
12.5°	2588.5	2668.8	2736.5	2807.4	2850.0	2845.3	2881.5	2890.9	2908.3	2913.0	2919.3
15°	2730.2	2843.7	2886.2	2991.8	3001.2	3032.7	3073.7	3109.9	3114.7	3105.2	3105.2
17.5°	2865.7	2963.4	3039.0	3124.1	3141.4	3168.2	3220.2	3237.5	3243.8	3242.3	3242.3
20°	2976.0	3040.6	3168.2	3239.1	3267.5	3302.1	3338.4	3360.4	3365.2	3371.5	3362.0
22.5°	3048.5	3146.2	3250.1	3308.4	3332.1	3344.7	3368.3	3374.6	3366.7	3368.3	3369.9
25°	3105.2	3201.3	3264.3	3280.1	3278.5	3262.7	3245.4	3215.5	3212.3	3199.7	3174.5
27.5°	3121.0	3157.2	3149.3	3084.7	3020.1	3013.8	2909.8	2853.1	2788.5	2798.0	2761.8
30°	3035.9	2988.6	2876.8	2712.9	2645.2	2534.9	2418.3	2297.0	2249.7	2197.7	2293.8
32.5°	2827.9	2659.4	2460.8	2248.2	2134.7	2037.1	1912.6	1824.4	1774.0	1731.4	1813.3
35°	2514.4	2251.3	1988.2	1786.6	1693.6	1605.4	1488.8	1444.7	1381.7	1388.0	1395.8
37.5°	2111.1	1821.2	1622.7	1424.2	1362.8	1326.5	1241.5	1173.7	1151.7	1145.3	1145.3
40°	1733.0	1495.1	1318.6	1162.7	1115.4	1085.5	1017.7	986.2	962.6	956.3	964.2
42.5°	1433.7	1230.4	1093.4	989.4	956.3	918.5	890.1	850.7	846.0	835.0	849.2
45°	1203.6	1027.2	924.8	849.2	820.8	806.6	775.1	751.5	742.0	740.5	751.5
47.5°	1020.9	883.8	794.0	746.8	724.7	710.5	683.7	674.3	664.8	668.0	663.3
50°	857.0	754.6	696.3	653.8	639.6	625.5	608.1	598.7	593.9	593.9	592.4
52.5°	735.7	650.7	612.8	573.5	567.2	559.3	540.4	534.1	526.2	524.6	530.9
55°	630.2	571.9	534.1	510.4	504.1	488.4	480.5	472.6	467.9	464.8	466.3
57.5°	538.8	494.7	469.5	449.0	438.0	431.7	417.5	415.9	412.8	412.8	411.2
60°	463.2	431.7	401.7	389.1	381.3	373.4	371.8	362.4	357.6	360.8	359.2
62.5°	392.3	367.1	349.7	335.6	330.8	324.5	319.8	316.7	311.9	313.5	313.5
65°	327.7	307.2	294.6	282.0	280.4	274.1	272.6	269.4	269.4	267.8	271.0
67.5°	269.4	255.2	244.2	236.3	231.6	233.2	226.9	222.1	222.1	220.6	225.3
70°	214.3	206.4	195.4	185.9	179.6	179.6	171.7	170.1	170.1	170.1	168.6
72.5°	165.4	151.2	146.5	143.4	143.4	143.4	140.2	140.2	138.6	140.2	138.6
75°	122.9	121.3	118.2	116.6	116.6	115.0	113.4	113.4	113.4	113.4	113.4
77.5°	96.1	96.1	93.0	91.4	91.4	91.4	89.8	89.8	88.2	88.2	88.2
80°	70.9	70.9	67.7	67.7	67.7	66.2	66.2	66.2	67.7	66.2	66.2
82.5°	48.8	48.8	47.3	48.8	47.3	45.7	45.7	45.7	44.1	45.7	45.7
85°	28.4	28.4	26.8	25.2	26.8	26.8	25.2	26.8	25.2	26.8	25.2
87.5°	11.0	9.5	9.5	9.5	7.9	9.5	7.9	7.9	9.5	7.9	9.5
90°	23.7	24.7	25.7	26.7	27.7	28.7	27.7	28.7	29.6	28.7	29.6
92.5°	137.4	97.8	76.1	66.2	62.8	59.3	57.3	53.4	54.4	52.4	54.4
95°	475.4	355.8	241.1	188.8	171.0	153.2	134.4	125.5	118.6	114.6	118.6
97.5°	931.9	817.3	616.7	486.2	429.9	373.6	307.3	269.8	246.1	235.2	246.1
100°	1130.6	1165.2	1085.1	969.5	899.4	829.2	729.3	657.2	618.7	619.6	618.7
102.5°	1140.5	1280.8	1297.6	1242.2	1204.2	1166.1	1094.0	1040.6	1010.0	981.3	1010.0
105°	1078.2	1284.7	1383.6	1402.3	1389.4	1376.6	1331.2	1293.6	1262.0	1257.1	1262.0
107.5°	989.2	1225.4	1380.6	1457.7	1471.1	1484.4	1478.4	1460.6	1447.8	1436.9	1447.8
110°	906.2	1132.5	1314.4	1438.9	1473.5	1508.1	1535.8	1543.7	1541.7	1539.7	1541.7

TEST NUMBER: P1012268

CATALOG NUMBER: S123RDIP-B1165D1025UB30-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	834.1	1040.6	1227.4	1370.7	1417.6	1464.6	1520.9	1549.6	1559.5	1560.5	1559.5
115°	778.7	961.6	1133.5	1278.8	1332.6	1386.5	1460.6	1504.1	1523.9	1528.8	1523.9
117.5°	742.2	900.3	1052.5	1185.9	1241.8	1297.6	1374.7	1423.1	1452.7	1459.7	1452.7
120°	714.5	853.9	987.3	1105.9	1155.8	1205.7	1283.8	1339.1	1362.8	1368.7	1362.8
122.5°	691.8	817.3	934.9	1042.6	1088.0	1133.5	1200.7	1249.2	1275.8	1283.8	1275.8
125°	673.0	785.7	893.4	988.3	1027.8	1067.3	1130.6	1174.1	1198.8	1205.7	1198.8
127.5°	655.2	757.0	854.8	941.8	978.4	1014.9	1072.3	1109.8	1132.5	1138.5	1132.5
130°	641.4	730.3	819.3	899.3	932.9	966.5	1018.9	1054.5	1075.2	1083.1	1075.2
132.5°	628.5	705.6	785.7	858.8	890.4	922.0	970.5	1006.0	1023.8	1028.8	1023.8
135°	617.7	683.9	754.0	818.3	846.4	874.6	923.0	952.7	970.5	977.4	970.5
137.5°	607.8	663.1	722.4	779.7	804.9	830.1	871.6	902.3	917.1	923.0	917.1
140°	598.9	645.3	695.7	743.2	764.4	785.7	823.2	850.9	866.7	865.7	866.7
142.5°	591.0	628.5	670.0	709.6	727.4	745.1	775.8	799.5	813.3	812.4	813.3
145°	584.1	615.7	648.3	679.9	694.2	708.6	733.3	754.0	761.9	763.9	761.9
147.5°	577.1	604.8	631.5	658.2	668.6	678.9	698.7	713.5	721.4	722.4	721.4
150°	570.2	593.0	615.7	636.4	645.8	655.2	670.0	680.9	686.8	686.8	686.8
152.5°	562.3	582.1	600.9	618.7	626.1	633.5	644.3	654.2	657.2	657.2	657.2
155°	554.4	571.2	587.0	601.9	607.8	613.7	622.6	630.5	632.5	633.5	632.5
157.5°	545.5	559.4	573.2	585.1	590.0	594.9	602.8	608.8	610.7	610.7	610.7
160°	536.6	549.5	560.3	570.2	573.7	577.1	584.1	590.0	590.0	589.0	590.0
162.5°	527.7	537.6	546.5	555.4	558.3	561.3	565.3	570.2	570.2	569.2	570.2
165°	519.8	527.7	533.7	540.6	543.0	545.5	549.5	553.4	552.4	552.4	552.4
167.5°	511.9	518.8	523.8	527.7	529.7	531.7	533.7	536.6	535.6	535.6	535.6
170°	505.0	509.9	512.9	516.9	517.8	518.8	519.8	521.8	520.8	520.8	520.8
172.5°	498.1	502.0	504.0	507.0	507.5	508.0	508.0	509.9	508.0	507.0	508.0
175°	493.1	495.1	496.1	498.1	498.1	498.1	498.1	499.1	498.1	497.1	498.1
177.5°	489.2	490.2	491.2	492.2	492.2	492.2	491.2	492.2	490.2	490.2	490.2
180°	488.2	488.2	488.2	488.2	488.2	488.2	488.2	488.2	488.2	488.2	488.2

TEST NUMBER: P1012268

CATALOG NUMBER: S123RDIP-B1165D1025UB30-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	1840.1	1840.1	1840.1	1840.1	1840.1	1840.1	1840.1	1840.1	1840.1	1840.1	1840.1
2.5°	1986.6	1977.2	1970.9	1966.2	1961.4	1975.6	1956.7	1936.2	1922.0	1912.6	1909.4
5°	2194.6	2174.1	2156.8	2142.6	2145.8	2145.8	2112.7	2076.4	2044.9	2027.6	2008.7
7.5°	2435.6	2413.6	2378.9	2371.0	2364.7	2325.4	2292.3	2226.1	2186.7	2147.3	2112.7
10°	2675.1	2646.7	2613.7	2602.6	2586.9	2538.0	2487.6	2402.6	2353.7	2281.2	2235.6
12.5°	2898.8	2864.2	2831.1	2823.2	2799.6	2757.0	2670.4	2582.2	2498.7	2421.5	2341.1
15°	3086.3	3076.8	3026.4	2994.9	2942.9	2884.6	2865.7	2746.0	2640.4	2560.1	2415.2
17.5°	3243.8	3199.7	3152.5	3132.0	3111.5	3043.8	2976.0	2853.1	2739.7	2621.5	2528.6
20°	3369.9	3321.0	3288.0	3258.0	3248.6	3171.4	3064.2	2955.5	2831.1	2698.7	2577.4
22.5°	3376.2	3369.9	3347.8	3330.5	3311.6	3261.2	3176.1	3040.6	2908.3	2763.3	2604.2
25°	3245.4	3236.0	3299.0	3283.2	3295.8	3276.9	3231.2	3117.8	2963.4	2793.3	2632.6
27.5°	2851.6	2947.7	3046.9	3081.6	3105.2	3172.9	3195.0	3132.0	3007.5	2826.3	2646.7
30°	2315.9	2443.5	2604.2	2690.9	2757.0	2883.1	3046.9	3067.4	3009.1	2864.2	2643.6
32.5°	1818.1	1934.6	2063.8	2166.2	2254.5	2512.8	2733.4	2892.5	2920.9	2845.3	2651.5
35°	1465.2	1515.6	1638.5	1736.1	1855.9	2076.4	2336.4	2593.2	2766.5	2775.9	2627.8
37.5°	1208.4	1235.1	1342.3	1397.4	1468.3	1662.1	1904.7	2240.3	2509.7	2637.3	2561.7
40°	1000.4	1061.8	1123.3	1154.8	1205.2	1339.1	1572.3	1835.4	2169.4	2405.7	2459.3
42.5°	868.1	894.9	934.2	978.4	1009.9	1126.4	1282.4	1523.5	1824.4	2153.6	2301.7
45°	765.7	775.1	816.1	844.4	877.5	959.4	1069.7	1271.4	1536.1	1860.6	2112.7
47.5°	680.6	699.5	721.6	738.9	760.9	824.0	918.5	1065.0	1298.2	1588.0	1859.0
50°	605.0	616.0	644.4	652.2	668.0	712.1	784.6	896.4	1088.6	1320.2	1600.7
52.5°	534.1	554.6	565.6	576.6	590.8	627.0	674.3	765.7	910.6	1128.0	1365.9
55°	478.9	485.2	501.0	510.4	521.5	546.7	587.6	655.4	768.8	942.1	1167.4
57.5°	425.4	425.4	441.1	449.0	460.0	478.9	515.2	567.2	649.1	778.3	984.7
60°	368.7	370.2	382.8	392.3	395.4	414.3	444.3	485.2	548.3	642.8	811.4
62.5°	318.2	326.1	332.4	335.6	346.6	357.6	382.8	411.2	455.3	538.8	658.5
65°	275.7	277.3	282.0	285.2	289.9	302.5	321.4	340.3	378.1	439.5	537.2
67.5°	226.9	233.2	239.5	239.5	244.2	250.5	269.4	285.2	313.5	349.7	415.9
70°	170.1	173.3	182.8	187.5	193.8	204.8	214.3	223.7	245.8	272.6	323.0
72.5°	141.8	141.8	144.9	146.5	146.5	154.4	168.6	178.0	189.1	208.0	242.6
75°	113.4	113.4	118.2	116.6	119.7	122.9	124.5	130.8	137.1	151.2	171.7
77.5°	89.8	91.4	91.4	93.0	93.0	94.5	96.1	99.3	102.4	110.3	119.7
80°	66.2	67.7	67.7	69.3	69.3	70.9	72.5	74.0	77.2	80.3	85.1
82.5°	45.7	47.3	47.3	48.8	47.3	48.8	50.4	50.4	52.0	55.1	56.7
85°	26.8	26.8	28.4	26.8	26.8	26.8	28.4	28.4	29.9	34.7	34.7
87.5°	7.9	9.5	7.9	9.5	9.5	9.5	9.5	11.0	11.0	12.6	14.2
90°	28.7	27.7	28.7	27.7	26.7	25.7	24.7	23.7	24.7	21.7	18.8
92.5°	53.4	57.3	59.3	62.8	66.2	76.1	97.8	137.4	183.8	203.6	152.2
95°	125.5	134.4	153.2	171.0	188.8	241.1	355.8	475.4	586.0	521.8	359.7
97.5°	269.8	307.3	373.6	429.9	486.2	616.7	817.3	931.9	901.3	673.0	400.2
100°	657.2	729.3	829.2	899.4	969.5	1085.1	1165.2	1130.6	935.9	632.5	372.6
102.5°	1040.6	1094.0	1166.1	1204.2	1242.2	1297.6	1280.8	1140.5	871.6	573.2	348.9
105°	1293.6	1331.2	1376.6	1389.4	1402.3	1383.6	1284.7	1078.2	794.6	526.7	340.0
107.5°	1460.6	1478.4	1484.4	1471.1	1457.7	1380.6	1225.4	989.2	726.4	493.1	338.0
110°	1543.7	1535.8	1508.1	1473.5	1438.9	1314.4	1132.5	906.2	670.0	475.4	342.9

TEST NUMBER: P1012268

CATALOG NUMBER: S123RDIP-B1165D1025UB30-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	1549.6	1520.9	1464.6	1417.6	1370.7	1227.4	1040.6	834.1	632.5	465.5	352.8
115°	1504.1	1460.6	1386.5	1332.6	1278.8	1133.5	961.6	778.7	607.8	464.5	363.7
117.5°	1423.1	1374.7	1297.6	1241.8	1185.9	1052.5	900.3	742.2	591.0	465.5	377.5
120°	1339.1	1283.8	1205.7	1155.8	1105.9	987.3	853.9	714.5	580.1	469.4	393.3
122.5°	1249.2	1200.7	1133.5	1088.0	1042.6	934.9	817.3	691.8	573.2	476.3	408.2
125°	1174.1	1130.6	1067.3	1027.8	988.3	893.4	785.7	673.0	567.3	483.3	424.0
127.5°	1109.8	1072.3	1014.9	978.4	941.8	854.8	757.0	655.2	564.3	491.2	436.8
130°	1054.5	1018.9	966.5	932.9	899.3	819.3	730.3	641.4	561.3	499.1	449.7
132.5°	1006.0	970.5	922.0	890.4	858.8	785.7	705.6	628.5	560.3	505.0	461.5
135°	952.7	923.0	874.6	846.4	818.3	754.0	683.9	617.7	559.4	510.9	471.4
137.5°	902.3	871.6	830.1	804.9	779.7	722.4	663.1	607.8	557.4	514.9	479.3
140°	850.9	823.2	785.7	764.4	743.2	695.7	645.3	598.9	556.4	518.8	485.2
142.5°	799.5	775.8	745.1	727.4	709.6	670.0	628.5	591.0	554.4	521.8	491.2
145°	754.0	733.3	708.6	694.2	679.9	648.3	615.7	584.1	552.4	522.8	495.1
147.5°	713.5	698.7	678.9	668.6	658.2	631.5	604.8	577.1	549.5	522.8	498.1
150°	680.9	670.0	655.2	645.8	636.4	615.7	593.0	570.2	545.5	522.8	499.1
152.5°	654.2	644.3	633.5	626.1	618.7	600.9	582.1	562.3	540.6	519.8	501.0
155°	630.5	622.6	613.7	607.8	601.9	587.0	571.2	554.4	534.6	517.8	501.0
157.5°	608.8	602.8	594.9	590.0	585.1	573.2	559.4	545.5	529.7	514.9	502.0
160°	590.0	584.1	577.1	573.7	570.2	560.3	549.5	536.6	523.8	512.9	502.0
162.5°	570.2	565.3	561.3	558.3	555.4	546.5	537.6	527.7	517.8	509.0	501.0
165°	553.4	549.5	545.5	543.0	540.6	533.7	527.7	519.8	511.9	505.0	499.1
167.5°	536.6	533.7	531.7	529.7	527.7	523.8	518.8	511.9	506.0	501.0	498.1
170°	521.8	519.8	518.8	517.8	516.9	512.9	509.9	505.0	500.1	497.1	495.1
172.5°	509.9	508.0	508.0	507.5	507.0	504.0	502.0	498.1	495.1	494.1	494.1
175°	499.1	498.1	498.1	498.1	498.1	496.1	495.1	493.1	491.2	491.2	492.2
177.5°	492.2	491.2	492.2	492.2	492.2	491.2	490.2	489.2	488.2	489.2	491.2
180°	488.2	488.2	488.2	488.2	488.2	488.2	488.2	488.2	488.2	488.2	488.2

TEST NUMBER: P1012268

CATALOG NUMBER: S123RDIP-B1165D1025UB30-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
0°	1840.1	1840.1	1840.1	1840.1	1840.1	1840.1	1840.1	1840.1	1840.1	1840.1	1840.1
2.5°	1904.7	1896.8	1889.0	1889.0	1871.6	1855.9	1848.0	1851.1	1841.7	1829.1	1816.5
5°	1988.2	1956.7	1950.4	1933.1	1909.4	1876.4	1859.0	1843.3	1824.4	1799.2	1775.5
7.5°	2065.4	2024.4	2002.4	1985.1	1939.4	1893.7	1855.9	1830.7	1797.6	1759.8	1731.4
10°	2166.2	2090.6	2067.0	2027.6	1963.0	1898.4	1854.3	1813.3	1767.6	1723.5	1685.7
12.5°	2246.6	2159.9	2115.8	2076.4	1992.9	1911.0	1837.0	1786.6	1731.4	1682.6	1633.7
15°	2338.0	2240.3	2163.1	2115.8	2010.3	1911.0	1827.5	1756.6	1695.2	1635.3	1592.8
17.5°	2382.1	2259.2	2224.5	2156.8	2004.0	1904.7	1802.3	1726.7	1652.6	1583.3	1532.9
20°	2451.4	2308.0	2221.4	2175.7	2040.2	1893.7	1774.0	1687.3	1610.1	1536.1	1482.5
22.5°	2456.1	2300.1	2243.4	2156.8	1989.8	1860.6	1748.7	1643.2	1553.4	1484.1	1428.9
25°	2445.1	2286.0	2207.2	2137.9	1999.2	1841.7	1698.3	1594.4	1506.1	1425.8	1361.2
27.5°	2440.4	2245.0	2171.0	2101.6	1945.7	1786.6	1668.4	1550.2	1449.4	1378.5	1312.3
30°	2434.1	2200.9	2111.1	2030.7	1887.4	1744.0	1602.2	1499.8	1403.7	1313.9	1247.8
32.5°	2393.1	2141.0	2049.7	1964.6	1810.2	1666.8	1555.0	1446.3	1342.3	1258.8	1198.9
35°	2380.5	2085.9	1966.2	1874.8	1723.5	1595.9	1477.8	1388.0	1290.3	1206.8	1135.9
37.5°	2344.3	2029.2	1900.0	1783.4	1625.9	1504.6	1417.9	1328.1	1233.6	1143.8	1087.1
40°	2281.2	1963.0	1816.5	1696.8	1534.5	1411.6	1331.3	1265.1	1172.1	1091.8	1022.5
42.5°	2188.3	1895.3	1737.7	1611.7	1432.1	1317.1	1250.9	1187.9	1109.1	1025.6	968.9
45°	2081.2	1805.5	1658.9	1518.7	1336.0	1224.1	1154.8	1117.0	1044.5	973.6	907.5
47.5°	1934.6	1712.5	1567.6	1422.6	1236.7	1128.0	1072.9	1035.1	984.7	907.5	853.9
50°	1750.3	1592.8	1455.7	1326.5	1139.0	1035.1	979.9	951.6	909.0	853.9	801.9
52.5°	1545.5	1454.1	1340.7	1221.0	1039.8	942.1	891.7	869.6	838.1	786.1	742.0
55°	1339.1	1299.7	1222.5	1104.4	935.8	855.5	811.4	783.0	759.4	721.6	683.7
57.5°	1154.8	1135.9	1082.3	991.0	849.2	765.7	727.9	709.0	690.0	661.7	623.9
60°	964.2	984.7	929.5	883.8	754.6	682.2	649.1	628.6	619.1	593.9	570.3
62.5°	798.8	817.7	786.1	751.5	660.1	595.5	575.0	556.1	549.8	527.8	504.1
65°	649.1	672.7	649.1	630.2	575.0	521.5	496.3	486.8	480.5	466.3	447.4
67.5°	516.7	540.4	529.3	505.7	488.4	444.3	430.1	420.6	417.5	406.5	390.7
70°	389.1	422.2	425.4	411.2	395.4	375.0	365.5	362.4	354.5	345.0	335.6
72.5°	280.4	318.2	319.8	319.8	310.4	310.4	300.9	296.2	296.2	286.7	275.7
75°	206.4	231.6	234.7	237.9	242.6	247.3	241.0	241.0	239.5	230.0	225.3
77.5°	137.1	159.1	167.0	178.0	184.3	184.3	187.5	190.6	187.5	182.8	179.6
80°	88.2	104.0	113.4	119.7	129.2	133.9	138.6	140.2	137.1	135.5	130.8
82.5°	58.3	63.0	67.7	75.6	86.6	94.5	94.5	93.0	96.1	94.5	93.0
85°	33.1	36.2	37.8	39.4	45.7	53.6	55.1	56.7	59.9	56.7	53.6
87.5°	12.6	14.2	14.2	14.2	17.3	18.9	23.6	29.9	28.4	25.2	25.2
90°	15.8	12.8	11.9	10.9	8.9	5.9	4.0	2.0	4.0	5.9	8.9
92.5°	99.8	68.2	59.3	50.4	40.5	31.6	21.7	14.8	21.7	31.6	40.5
95°	212.5	128.5	109.2	89.9	64.2	47.4	36.6	33.6	36.6	47.4	64.2
97.5°	229.3	146.3	125.0	103.8	78.1	63.2	54.4	53.4	54.4	63.2	78.1
100°	226.3	157.1	137.8	118.6	94.9	81.0	74.1	73.1	74.1	81.0	94.9
102.5°	230.3	170.0	152.7	135.4	114.6	101.8	95.9	93.9	95.9	101.8	114.6
105°	238.2	184.8	169.5	154.2	135.4	123.5	117.6	114.6	117.6	123.5	135.4
107.5°	251.0	203.6	189.2	174.9	157.1	145.3	139.3	136.4	139.3	145.3	157.1
110°	267.8	223.3	209.5	195.7	178.9	168.0	163.1	160.1	163.1	168.0	178.9

TEST NUMBER: P1012268

CATALOG NUMBER: S123RDIP-B1165D1025UB30-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
112.5°	284.6	244.1	230.8	217.4	200.6	189.7	184.8	181.8	184.8	189.7	200.6
115°	303.4	265.8	252.5	239.2	222.4	212.5	206.5	202.6	206.5	212.5	222.4
117.5°	323.2	285.6	273.2	260.9	242.1	233.2	228.3	223.3	228.3	233.2	242.1
120°	341.9	306.4	294.0	281.7	262.9	253.0	248.1	245.1	248.1	253.0	262.9
122.5°	361.7	327.1	313.8	300.4	282.6	271.8	266.8	263.9	266.8	271.8	282.6
125°	380.5	345.9	332.5	319.2	300.4	289.6	283.6	281.7	283.6	289.6	300.4
127.5°	397.3	363.7	350.4	337.0	316.2	305.4	298.5	295.5	298.5	305.4	316.2
130°	412.1	379.5	366.2	352.8	332.1	320.2	311.3	308.3	311.3	320.2	332.1
132.5°	425.0	393.3	380.5	367.6	346.9	332.1	322.2	318.2	322.2	332.1	346.9
135°	437.8	407.2	393.8	380.5	359.7	344.9	334.0	330.1	334.0	344.9	359.7
137.5°	446.7	417.0	404.6	392.3	371.6	355.8	344.9	341.0	344.9	355.8	371.6
140°	455.6	426.9	414.6	402.2	382.5	366.6	356.8	351.8	356.8	366.6	382.5
142.5°	462.5	434.8	423.4	412.1	392.3	378.5	367.6	363.7	367.6	378.5	392.3
145°	468.4	442.7	431.4	420.0	403.2	388.4	379.5	376.5	379.5	388.4	403.2
147.5°	473.4	449.7	439.8	429.9	413.1	400.2	391.4	389.4	391.4	400.2	413.1
150°	478.3	455.6	446.7	437.8	424.0	411.1	403.2	402.2	403.2	411.1	424.0
152.5°	481.3	462.5	454.1	445.7	433.8	423.0	415.1	415.1	415.1	423.0	433.8
155°	485.2	468.4	461.5	454.6	443.7	433.8	427.9	427.9	427.9	433.8	443.7
157.5°	487.2	473.4	468.0	462.5	452.6	443.7	438.8	437.8	438.8	443.7	452.6
160°	490.2	478.3	473.4	468.4	461.5	453.6	449.7	449.7	449.7	453.6	461.5
162.5°	491.2	481.3	477.4	473.4	467.4	461.5	458.6	458.6	458.6	461.5	467.4
165°	492.2	484.2	480.8	477.3	473.4	468.4	466.5	467.4	466.5	468.4	473.4
167.5°	492.2	486.2	483.8	481.3	478.3	474.4	473.4	474.4	473.4	474.4	478.3
170°	491.2	486.2	485.2	484.2	482.3	479.3	478.3	480.3	478.3	479.3	482.3
172.5°	491.2	487.2	486.7	486.2	485.2	483.3	483.3	484.2	483.3	483.3	485.2
175°	490.2	488.2	487.7	487.2	487.2	485.2	486.2	487.2	486.2	485.2	487.2
177.5°	489.2	488.2	488.2	488.2	488.2	487.2	488.2	489.2	488.2	487.2	488.2
180°	488.2	488.2	488.2	488.2	488.2	488.2	488.2	488.2	488.2	488.2	488.2

TEST NUMBER: P1012268

CATALOG NUMBER: S123RDIP-B1165D1025UB30-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
0°	1840.1	1840.1	1840.1	1840.1	1840.1	1840.1	1840.1	1840.1	1840.1	1840.1	1840.1
2.5°	1816.5	1808.6	1805.5	1797.6	1778.7	1766.1	1751.9	1742.4	1744.0	1736.1	1740.9
5°	1759.8	1758.2	1747.2	1731.4	1704.6	1690.5	1665.2	1652.6	1646.3	1647.9	1638.5
7.5°	1712.5	1698.3	1690.5	1665.2	1640.0	1610.1	1589.6	1578.6	1569.1	1559.7	1553.4
10°	1658.9	1646.3	1633.7	1607.0	1572.3	1543.9	1515.6	1504.6	1490.4	1484.1	1479.3
12.5°	1602.2	1594.4	1578.6	1547.1	1507.7	1480.9	1447.8	1441.5	1422.6	1410.0	1406.9
15°	1550.2	1545.5	1517.2	1480.9	1441.5	1414.7	1386.4	1367.5	1336.0	1342.3	1331.3
17.5°	1495.1	1474.6	1457.3	1408.4	1389.5	1348.6	1315.5	1306.0	1284.0	1269.8	1255.6
20°	1433.7	1421.1	1399.0	1367.5	1321.8	1274.5	1249.3	1233.6	1221.0	1198.9	1192.6
22.5°	1375.4	1359.6	1340.7	1299.7	1260.4	1221.0	1186.3	1172.1	1156.4	1140.6	1131.2
25°	1329.7	1306.0	1285.6	1235.1	1195.8	1162.7	1140.6	1117.0	1094.9	1085.5	1082.3
27.5°	1258.8	1244.6	1224.1	1176.9	1140.6	1104.4	1083.9	1068.2	1044.5	1033.5	1024.0
30°	1213.1	1184.7	1161.1	1123.3	1087.1	1047.7	1028.8	1009.9	995.7	981.5	970.5
32.5°	1151.7	1129.6	1110.7	1072.9	1036.6	1000.4	979.9	951.6	943.7	932.7	920.1
35°	1091.8	1077.6	1057.1	1016.2	976.8	951.6	929.5	902.7	893.3	885.4	874.4
37.5°	1035.1	1014.6	1000.4	961.0	926.4	896.4	879.1	857.0	850.7	841.3	833.4
40°	986.2	965.7	951.6	912.2	875.9	844.4	833.4	811.4	801.9	790.9	786.1
42.5°	931.1	913.8	894.9	866.5	828.7	797.2	775.1	762.5	749.9	745.2	735.7
45°	872.8	857.0	842.9	811.4	772.0	749.9	731.0	713.7	704.2	696.3	690.0
47.5°	822.4	808.2	789.3	754.6	723.1	702.6	683.7	666.4	657.0	647.5	639.6
50°	764.1	756.2	735.7	702.6	672.7	649.1	631.8	616.0	609.7	598.7	586.1
52.5°	712.1	697.9	680.6	653.8	627.0	598.7	575.0	565.6	554.6	548.3	537.2
55°	650.7	641.2	622.3	598.7	570.3	546.7	529.3	516.7	502.6	496.3	482.1
57.5°	598.7	581.3	571.9	542.0	515.2	491.5	478.9	466.3	450.6	441.1	434.8
60°	542.0	526.2	512.0	486.8	467.9	442.7	423.8	412.8	401.7	389.1	382.8
62.5°	486.8	474.2	456.9	436.4	412.8	392.3	378.1	362.4	356.1	343.4	338.7
65°	426.9	417.5	403.3	379.7	360.8	343.4	329.3	316.7	310.4	305.6	302.5
67.5°	373.4	360.8	351.3	330.8	310.4	296.2	288.3	280.4	272.6	267.8	263.1
70°	318.2	308.8	299.3	280.4	266.3	253.6	247.3	241.0	236.3	231.6	226.9
72.5°	261.5	256.8	247.3	234.7	223.7	214.3	209.5	201.7	196.9	189.1	185.9
75°	215.8	208.0	203.2	192.2	182.8	174.9	168.6	159.1	152.8	149.7	148.1
77.5°	170.1	167.0	160.7	151.2	146.5	138.6	129.2	126.0	122.9	122.9	121.3
80°	127.6	122.9	118.2	110.3	105.6	99.3	99.3	99.3	97.7	99.3	97.7
82.5°	86.6	83.5	80.3	75.6	74.0	74.0	75.6	75.6	75.6	75.6	75.6
85°	50.4	50.4	50.4	52.0	50.4	50.4	52.0	53.6	52.0	52.0	50.4
87.5°	23.6	23.6	25.2	25.2	26.8	26.8	26.8	26.8	26.8	26.8	28.4
90°	10.9	11.9	12.8	15.8	18.8	21.7	24.7	23.7	24.7	25.7	26.7
92.5°	50.4	59.3	68.2	99.8	152.2	203.6	183.8	137.4	97.8	76.1	66.2
95°	89.9	109.2	128.5	212.5	359.7	521.8	586.0	475.4	355.8	241.1	188.8
97.5°	103.8	125.0	146.3	229.3	400.2	673.0	901.3	931.9	817.3	616.7	486.2
100°	118.6	137.8	157.1	226.3	372.6	632.5	935.9	1130.6	1165.2	1085.1	969.5
102.5°	135.4	152.7	170.0	230.3	348.9	573.2	871.6	1140.5	1280.8	1297.6	1242.2
105°	154.2	169.5	184.8	238.2	340.0	526.7	794.6	1078.2	1284.7	1383.6	1402.3
107.5°	174.9	189.2	203.6	251.0	338.0	493.1	726.4	989.2	1225.4	1380.6	1457.7
110°	195.7	209.5	223.3	267.8	342.9	475.4	670.0	906.2	1132.5	1314.4	1438.9

TEST NUMBER: P1012268

CATALOG NUMBER: S123RDIP-B1165D1025UB30-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
112.5°	217.4	230.8	244.1	284.6	352.8	465.5	632.5	834.1	1040.6	1227.4	1370.7
115°	239.2	252.5	265.8	303.4	363.7	464.5	607.8	778.7	961.6	1133.5	1278.8
117.5°	260.9	273.2	285.6	323.2	377.5	465.5	591.0	742.2	900.3	1052.5	1185.9
120°	281.7	294.0	306.4	341.9	393.3	469.4	580.1	714.5	853.9	987.3	1105.9
122.5°	300.4	313.8	327.1	361.7	408.2	476.3	573.2	691.8	817.3	934.9	1042.6
125°	319.2	332.5	345.9	380.5	424.0	483.3	567.3	673.0	785.7	893.4	988.3
127.5°	337.0	350.4	363.7	397.3	436.8	491.2	564.3	655.2	757.0	854.8	941.8
130°	352.8	366.2	379.5	412.1	449.7	499.1	561.3	641.4	730.3	819.3	899.3
132.5°	367.6	380.5	393.3	425.0	461.5	505.0	560.3	628.5	705.6	785.7	858.8
135°	380.5	393.8	407.2	437.8	471.4	510.9	559.4	617.7	683.9	754.0	818.3
137.5°	392.3	404.6	417.0	446.7	479.3	514.9	557.4	607.8	663.1	722.4	779.7
140°	402.2	414.6	426.9	455.6	485.2	518.8	556.4	598.9	645.3	695.7	743.2
142.5°	412.1	423.4	434.8	462.5	491.2	521.8	554.4	591.0	628.5	670.0	709.6
145°	420.0	431.4	442.7	468.4	495.1	522.8	552.4	584.1	615.7	648.3	679.9
147.5°	429.9	439.8	449.7	473.4	498.1	522.8	549.5	577.1	604.8	631.5	658.2
150°	437.8	446.7	455.6	478.3	499.1	522.8	545.5	570.2	593.0	615.7	636.4
152.5°	445.7	454.1	462.5	481.3	501.0	519.8	540.6	562.3	582.1	600.9	618.7
155°	454.6	461.5	468.4	485.2	501.0	517.8	534.6	554.4	571.2	587.0	601.9
157.5°	462.5	468.0	473.4	487.2	502.0	514.9	529.7	545.5	559.4	573.2	585.1
160°	468.4	473.4	478.3	490.2	502.0	512.9	523.8	536.6	549.5	560.3	570.2
162.5°	473.4	477.4	481.3	491.2	501.0	509.0	517.8	527.7	537.6	546.5	555.4
165°	477.3	480.8	484.2	492.2	499.1	505.0	511.9	519.8	527.7	533.7	540.6
167.5°	481.3	483.8	486.2	492.2	498.1	501.0	506.0	511.9	518.8	523.8	527.7
170°	484.2	485.2	486.2	491.2	495.1	497.1	500.1	505.0	509.9	512.9	516.9
172.5°	486.2	486.7	487.2	491.2	494.1	494.1	495.1	498.1	502.0	504.0	507.0
175°	487.2	487.7	488.2	490.2	492.2	491.2	491.2	493.1	495.1	496.1	498.1
177.5°	488.2	488.2	488.2	489.2	491.2	489.2	488.2	489.2	490.2	491.2	492.2
180°	488.2	488.2	488.2	488.2	488.2	488.2	488.2	488.2	488.2	488.2	488.2

TEST NUMBER: P1012268

CATALOG NUMBER: S123RDIP-B1165D1025UB30-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
0°	1840.1	1840.1	1840.1	1840.1	1840.1	1840.1	1840.1	1840.1	1840.1	1840.1	1840.1
2.5°	1739.3	1740.9	1736.1	1726.7	1725.1	1728.3	1737.7	1734.6	1726.7	1740.9	1728.3
5°	1643.2	1635.3	1632.2	1635.3	1625.9	1621.1	1630.6	1625.9	1630.6	1632.2	1636.9
7.5°	1550.2	1551.8	1542.4	1543.9	1531.3	1534.5	1534.5	1534.5	1539.2	1542.4	1548.7
10°	1469.9	1473.0	1462.0	1463.6	1454.1	1447.8	1452.6	1462.0	1462.0	1462.0	1465.2
12.5°	1405.3	1391.1	1383.2	1381.7	1370.6	1367.5	1376.9	1380.1	1388.0	1388.0	1392.7
15°	1324.9	1321.8	1315.5	1315.5	1288.7	1295.0	1298.2	1309.2	1324.9	1312.3	1315.5
17.5°	1252.5	1244.6	1236.7	1233.6	1230.4	1221.0	1233.6	1232.0	1241.5	1243.0	1247.8
20°	1187.9	1181.6	1165.8	1167.4	1170.6	1156.4	1164.3	1164.3	1173.7	1183.2	1194.2
22.5°	1124.9	1118.6	1110.7	1113.8	1104.4	1101.2	1101.2	1109.1	1120.1	1128.0	1126.4
25°	1076.0	1065.0	1060.3	1055.5	1050.8	1054.0	1049.2	1057.1	1065.0	1069.7	1065.0
27.5°	1020.9	1016.2	1006.7	1002.0	994.1	997.3	1000.4	1006.7	1011.4	1011.4	1016.2
30°	967.3	961.0	957.9	953.1	953.1	946.8	948.4	954.7	959.4	964.2	970.5
32.5°	915.3	910.6	905.9	905.9	902.7	901.2	899.6	909.0	909.0	918.5	918.5
35°	872.8	864.9	864.9	857.0	860.2	858.6	855.5	861.8	863.3	869.6	868.1
37.5°	825.5	825.5	822.4	814.5	808.2	809.8	817.7	817.7	822.4	820.8	825.5
40°	778.3	775.1	775.1	770.4	768.8	767.2	768.8	770.4	778.3	776.7	778.3
42.5°	731.0	732.6	724.7	724.7	724.7	720.0	721.6	723.1	726.3	729.4	734.2
45°	685.3	682.2	680.6	677.4	674.3	675.9	674.3	680.6	679.0	682.2	686.9
47.5°	636.5	631.8	630.2	623.9	623.9	627.0	625.5	630.2	631.8	636.5	633.3
50°	589.2	582.9	578.2	579.8	570.3	573.5	573.5	578.2	582.9	584.5	587.6
52.5°	534.1	532.5	530.9	523.0	521.5	519.9	521.5	523.0	529.3	534.1	535.7
55°	480.5	478.9	469.5	466.3	461.6	461.6	464.8	466.3	477.4	478.9	485.2
57.5°	431.7	426.9	415.9	414.3	414.3	414.3	409.6	415.9	419.1	426.9	426.9
60°	378.1	378.1	368.7	368.7	370.2	368.7	368.7	370.2	370.2	376.5	379.7
62.5°	335.6	334.0	334.0	330.8	329.3	330.8	329.3	329.3	330.8	335.6	340.3
65°	297.8	296.2	294.6	293.0	289.9	289.9	291.5	294.6	294.6	297.8	299.3
67.5°	261.5	261.5	258.4	258.4	256.8	255.2	256.8	255.2	261.5	261.5	263.1
70°	225.3	223.7	219.0	217.4	212.7	214.3	214.3	219.0	220.6	223.7	226.9
72.5°	181.2	181.2	178.0	174.9	176.4	173.3	173.3	174.9	174.9	179.6	181.2
75°	149.7	146.5	144.9	146.5	144.9	148.1	144.9	144.9	148.1	148.1	148.1
77.5°	122.9	122.9	121.3	121.3	122.9	121.3	122.9	122.9	122.9	121.3	122.9
80°	100.8	99.3	99.3	99.3	97.7	97.7	97.7	97.7	97.7	97.7	97.7
82.5°	75.6	75.6	74.0	75.6	75.6	74.0	75.6	74.0	74.0	75.6	75.6
85°	50.4	53.6	50.4	50.4	52.0	52.0	53.6	52.0	53.6	50.4	52.0
87.5°	26.8	28.4	28.4	26.8	26.8	28.4	28.4	28.4	29.9	26.8	28.4
90°	27.7	28.7	27.7	28.7	29.6	28.7	29.6	28.7	27.7	28.7	27.7
92.5°	62.8	59.3	57.3	53.4	54.4	52.4	54.4	53.4	57.3	59.3	62.8
95°	171.0	153.2	134.4	125.5	118.6	114.6	118.6	125.5	134.4	153.2	171.0
97.5°	429.9	373.6	307.3	269.8	246.1	235.2	246.1	269.8	307.3	373.6	429.9
100°	899.4	829.2	729.3	657.2	618.7	619.6	618.7	657.2	729.3	829.2	899.4
102.5°	1204.2	1166.1	1094.0	1040.6	1010.0	981.3	1010.0	1040.6	1094.0	1166.1	1204.2
105°	1389.4	1376.6	1331.2	1293.6	1262.0	1257.1	1262.0	1293.6	1331.2	1376.6	1389.4
107.5°	1471.1	1484.4	1478.4	1460.6	1447.8	1436.9	1447.8	1460.6	1478.4	1484.4	1471.1
110°	1473.5	1508.1	1535.8	1543.7	1541.7	1539.7	1541.7	1543.7	1535.8	1508.1	1473.5

TEST NUMBER: P1012268

CATALOG NUMBER: S123RDIP-B1165D1025UB30-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
112.5°	1417.6	1464.6	1520.9	1549.6	1559.5	1560.5	1559.5	1549.6	1520.9	1464.6	1417.6
115°	1332.6	1386.5	1460.6	1504.1	1523.9	1528.8	1523.9	1504.1	1460.6	1386.5	1332.6
117.5°	1241.8	1297.6	1374.7	1423.1	1452.7	1459.7	1452.7	1423.1	1374.7	1297.6	1241.8
120°	1155.8	1205.7	1283.8	1339.1	1362.8	1368.7	1362.8	1339.1	1283.8	1205.7	1155.8
122.5°	1088.0	1133.5	1200.7	1249.2	1275.8	1283.8	1275.8	1249.2	1200.7	1133.5	1088.0
125°	1027.8	1067.3	1130.6	1174.1	1198.8	1205.7	1198.8	1174.1	1130.6	1067.3	1027.8
127.5°	978.4	1014.9	1072.3	1109.8	1132.5	1138.5	1132.5	1109.8	1072.3	1014.9	978.4
130°	932.9	966.5	1018.9	1054.5	1075.2	1083.1	1075.2	1054.5	1018.9	966.5	932.9
132.5°	890.4	922.0	970.5	1006.0	1023.8	1028.8	1023.8	1006.0	970.5	922.0	890.4
135°	846.4	874.6	923.0	952.7	970.5	977.4	970.5	952.7	923.0	874.6	846.4
137.5°	804.9	830.1	871.6	902.3	917.1	923.0	917.1	902.3	871.6	830.1	804.9
140°	764.4	785.7	823.2	850.9	866.7	865.7	866.7	850.9	823.2	785.7	764.4
142.5°	727.4	745.1	775.8	799.5	813.3	812.4	813.3	799.5	775.8	745.1	727.4
145°	694.2	708.6	733.3	754.0	761.9	763.9	761.9	754.0	733.3	708.6	694.2
147.5°	668.6	678.9	698.7	713.5	721.4	722.4	721.4	713.5	698.7	678.9	668.6
150°	645.8	655.2	670.0	680.9	686.8	686.8	686.8	680.9	670.0	655.2	645.8
152.5°	626.1	633.5	644.3	654.2	657.2	657.2	657.2	654.2	644.3	633.5	626.1
155°	607.8	613.7	622.6	630.5	632.5	633.5	632.5	630.5	622.6	613.7	607.8
157.5°	590.0	594.9	602.8	608.8	610.7	610.7	610.7	608.8	602.8	594.9	590.0
160°	573.7	577.1	584.1	590.0	590.0	589.0	590.0	590.0	584.1	577.1	573.7
162.5°	558.3	561.3	565.3	570.2	570.2	569.2	570.2	570.2	565.3	561.3	558.3
165°	543.0	545.5	549.5	553.4	552.4	552.4	552.4	553.4	549.5	545.5	543.0
167.5°	529.7	531.7	533.7	536.6	535.6	535.6	535.6	536.6	533.7	531.7	529.7
170°	517.8	518.8	519.8	521.8	520.8	520.8	520.8	521.8	519.8	518.8	517.8
172.5°	507.5	508.0	508.0	509.9	508.0	507.0	508.0	509.9	508.0	508.0	507.5
175°	498.1	498.1	498.1	499.1	498.1	497.1	498.1	499.1	498.1	498.1	498.1
177.5°	492.2	492.2	491.2	492.2	490.2	490.2	490.2	492.2	491.2	492.2	492.2
180°	488.2	488.2	488.2	488.2	488.2	488.2	488.2	488.2	488.2	488.2	488.2

TEST NUMBER: P1012268

CATALOG NUMBER: S123RDIP-B1165D1025UB30-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
0°	1840.1	1840.1	1840.1	1840.1	1840.1	1840.1	1840.1	1840.1	1840.1	1840.1	1840.1
2.5°	1740.9	1747.2	1740.9	1728.3	1740.9	1748.7	1756.6	1769.2	1775.5	1775.5	1785.0
5°	1641.6	1654.2	1649.5	1646.3	1658.9	1666.8	1679.4	1695.2	1712.5	1723.5	1736.1
7.5°	1553.4	1561.3	1569.1	1569.1	1581.7	1599.1	1618.0	1636.9	1658.9	1674.7	1684.2
10°	1476.2	1482.5	1487.2	1493.5	1512.4	1531.3	1556.5	1580.2	1599.1	1616.4	1632.2
12.5°	1402.1	1411.6	1422.6	1427.4	1441.5	1465.2	1488.8	1517.2	1547.1	1564.4	1580.2
15°	1331.3	1336.0	1348.6	1362.8	1375.4	1400.6	1430.5	1460.4	1485.6	1512.4	1526.6
17.5°	1258.8	1260.4	1293.4	1285.6	1326.5	1350.2	1365.9	1394.3	1435.2	1457.3	1479.3
20°	1187.9	1203.6	1217.8	1225.7	1247.8	1274.5	1320.2	1342.3	1375.4	1395.8	1414.7
22.5°	1132.7	1156.4	1156.4	1175.3	1186.3	1211.5	1244.6	1287.1	1323.4	1337.6	1364.3
25°	1083.9	1094.9	1113.8	1120.1	1140.6	1162.7	1184.7	1230.4	1269.8	1288.7	1307.6
27.5°	1020.9	1035.1	1060.3	1060.3	1087.1	1110.7	1137.5	1167.4	1206.8	1233.6	1254.1
30°	972.0	986.2	997.3	1014.6	1025.6	1047.7	1094.9	1117.0	1151.7	1175.3	1200.5
32.5°	926.4	937.4	946.8	965.7	978.4	1003.6	1028.8	1068.2	1098.1	1120.1	1146.9
35°	875.9	887.0	899.6	913.8	932.7	956.3	979.9	1013.0	1042.9	1063.4	1085.5
37.5°	828.7	836.6	855.5	864.9	880.7	902.7	932.7	967.3	994.1	1009.9	1031.9
40°	783.0	789.3	803.5	820.8	831.8	849.2	880.7	910.6	943.7	962.6	979.9
42.5°	734.2	742.0	754.6	772.0	789.3	808.2	825.5	860.2	890.1	905.9	924.8
45°	691.6	696.3	705.8	723.1	740.5	754.6	781.4	812.9	841.3	853.9	874.4
47.5°	641.2	645.9	660.1	668.0	686.9	705.8	732.6	764.1	789.3	801.9	820.8
50°	589.2	593.9	603.4	620.7	633.3	653.8	677.4	704.2	735.7	753.1	764.1
52.5°	538.8	548.3	556.1	570.3	586.1	606.5	628.6	653.8	680.6	697.9	710.5
55°	488.4	496.3	505.7	513.6	532.5	551.4	576.6	600.2	623.9	639.6	653.8
57.5°	431.7	442.7	452.2	467.9	482.1	497.8	526.2	545.1	573.5	584.5	597.1
60°	382.8	393.9	401.7	414.3	426.9	447.4	466.3	490.0	513.6	527.8	543.5
62.5°	341.9	346.6	351.3	363.9	376.5	395.4	414.3	438.0	463.2	471.1	483.7
65°	300.9	305.6	313.5	324.5	334.0	345.0	365.5	384.4	408.0	420.6	425.4
67.5°	266.3	271.0	272.6	280.4	288.3	300.9	311.9	330.8	352.9	360.8	370.2
70°	226.9	234.7	236.3	242.6	245.8	253.6	266.3	280.4	297.8	311.9	319.8
72.5°	181.2	192.2	195.4	204.8	209.5	217.4	226.9	237.9	248.9	255.2	261.5
75°	148.1	151.2	152.8	160.7	168.6	179.6	184.3	190.6	200.1	208.0	214.3
77.5°	122.9	124.5	126.0	126.0	127.6	133.9	143.4	151.2	157.5	160.7	165.4
80°	99.3	97.7	97.7	99.3	99.3	99.3	102.4	113.4	116.6	124.5	122.9
82.5°	77.2	74.0	75.6	74.0	74.0	74.0	74.0	75.6	75.6	80.3	83.5
85°	50.4	52.0	50.4	50.4	48.8	50.4	48.8	48.8	47.3	47.3	45.7
87.5°	26.8	28.4	26.8	26.8	25.2	26.8	25.2	25.2	23.6	23.6	20.5
90°	26.7	25.7	24.7	23.7	24.7	21.7	18.8	15.8	12.8	11.9	10.9
92.5°	66.2	76.1	97.8	137.4	183.8	203.6	152.2	99.8	68.2	59.3	50.4
95°	188.8	241.1	355.8	475.4	586.0	521.8	359.7	212.5	128.5	109.2	89.9
97.5°	486.2	616.7	817.3	931.9	901.3	673.0	400.2	229.3	146.3	125.0	103.8
100°	969.5	1085.1	1165.2	1130.6	935.9	632.5	372.6	226.3	157.1	137.8	118.6
102.5°	1242.2	1297.6	1280.8	1140.5	871.6	573.2	348.9	230.3	170.0	152.7	135.4
105°	1402.3	1383.6	1284.7	1078.2	794.6	526.7	340.0	238.2	184.8	169.5	154.2
107.5°	1457.7	1380.6	1225.4	989.2	726.4	493.1	338.0	251.0	203.6	189.2	174.9
110°	1438.9	1314.4	1132.5	906.2	670.0	475.4	342.9	267.8	223.3	209.5	195.7

TEST NUMBER: P1012268

CATALOG NUMBER: S123RDIP-B1165D1025UB30-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
112.5°	1370.7	1227.4	1040.6	834.1	632.5	465.5	352.8	284.6	244.1	230.8	217.4
115°	1278.8	1133.5	961.6	778.7	607.8	464.5	363.7	303.4	265.8	252.5	239.2
117.5°	1185.9	1052.5	900.3	742.2	591.0	465.5	377.5	323.2	285.6	273.2	260.9
120°	1105.9	987.3	853.9	714.5	580.1	469.4	393.3	341.9	306.4	294.0	281.7
122.5°	1042.6	934.9	817.3	691.8	573.2	476.3	408.2	361.7	327.1	313.8	300.4
125°	988.3	893.4	785.7	673.0	567.3	483.3	424.0	380.5	345.9	332.5	319.2
127.5°	941.8	854.8	757.0	655.2	564.3	491.2	436.8	397.3	363.7	350.4	337.0
130°	899.3	819.3	730.3	641.4	561.3	499.1	449.7	412.1	379.5	366.2	352.8
132.5°	858.8	785.7	705.6	628.5	560.3	505.0	461.5	425.0	393.3	380.5	367.6
135°	818.3	754.0	683.9	617.7	559.4	510.9	471.4	437.8	407.2	393.8	380.5
137.5°	779.7	722.4	663.1	607.8	557.4	514.9	479.3	446.7	417.0	404.6	392.3
140°	743.2	695.7	645.3	598.9	556.4	518.8	485.2	455.6	426.9	414.6	402.2
142.5°	709.6	670.0	628.5	591.0	554.4	521.8	491.2	462.5	434.8	423.4	412.1
145°	679.9	648.3	615.7	584.1	552.4	522.8	495.1	468.4	442.7	431.4	420.0
147.5°	658.2	631.5	604.8	577.1	549.5	522.8	498.1	473.4	449.7	439.8	429.9
150°	636.4	615.7	593.0	570.2	545.5	522.8	499.1	478.3	455.6	446.7	437.8
152.5°	618.7	600.9	582.1	562.3	540.6	519.8	501.0	481.3	462.5	454.1	445.7
155°	601.9	587.0	571.2	554.4	534.6	517.8	501.0	485.2	468.4	461.5	454.6
157.5°	585.1	573.2	559.4	545.5	529.7	514.9	502.0	487.2	473.4	468.0	462.5
160°	570.2	560.3	549.5	536.6	523.8	512.9	502.0	490.2	478.3	473.4	468.4
162.5°	555.4	546.5	537.6	527.7	517.8	509.0	501.0	491.2	481.3	477.4	473.4
165°	540.6	533.7	527.7	519.8	511.9	505.0	499.1	492.2	484.2	480.8	477.3
167.5°	527.7	523.8	518.8	511.9	506.0	501.0	498.1	492.2	486.2	483.8	481.3
170°	516.9	512.9	509.9	505.0	500.1	497.1	495.1	491.2	486.2	485.2	484.2
172.5°	507.0	504.0	502.0	498.1	495.1	494.1	494.1	491.2	487.2	486.7	486.2
175°	498.1	496.1	495.1	493.1	491.2	491.2	492.2	490.2	488.2	487.7	487.2
177.5°	492.2	491.2	490.2	489.2	488.2	489.2	491.2	489.2	488.2	488.2	488.2
180°	488.2	488.2	488.2	488.2	488.2	488.2	488.2	488.2	488.2	488.2	488.2

TEST NUMBER: P1012268

CATALOG NUMBER: S123RDIP-B1165D1025UB30-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
0°	1840.1	1840.1	1840.1	1840.1
2.5°	1792.9	1803.9	1825.9	1844.8
5°	1755.0	1772.4	1805.5	1838.5
7.5°	1709.4	1736.1	1778.7	1824.4
10°	1665.2	1699.9	1751.9	1805.5
12.5°	1621.1	1657.4	1712.5	1781.8
15°	1569.1	1607.0	1673.1	1756.6
17.5°	1523.5	1573.9	1633.7	1717.2
20°	1474.6	1512.4	1589.6	1677.8
22.5°	1413.2	1476.2	1548.7	1641.6
25°	1364.3	1419.5	1491.9	1597.5
27.5°	1304.5	1369.1	1457.3	1550.2
30°	1255.6	1309.2	1391.1	1503.0
32.5°	1198.9	1261.9	1347.0	1457.3
35°	1148.5	1202.1	1282.4	1394.3
37.5°	1088.6	1146.9	1236.7	1336.0
40°	1036.6	1093.4	1178.4	1271.4
42.5°	973.6	1033.5	1118.6	1197.3
45°	923.2	978.4	1046.1	1118.6
47.5°	861.8	920.1	986.2	1036.6
50°	806.6	860.2	912.2	954.7
52.5°	746.8	795.6	842.9	874.4
55°	691.6	729.4	767.2	789.3
57.5°	627.0	663.3	694.8	707.4
60°	570.3	600.2	620.7	634.9
62.5°	510.4	532.5	548.3	556.1
65°	452.2	467.9	475.8	483.7
67.5°	392.3	406.5	411.2	420.6
70°	329.3	345.0	348.2	352.9
72.5°	282.0	282.0	288.3	294.6
75°	225.3	228.4	231.6	231.6
77.5°	176.4	176.4	179.6	181.2
80°	129.2	130.8	130.8	129.2
82.5°	88.2	91.4	88.2	86.6
85°	48.8	55.1	52.0	52.0
87.5°	20.5	20.5	23.6	20.5
90°	8.9	5.9	4.0	2.0
92.5°	40.5	31.6	21.7	14.8
95°	64.2	47.4	36.6	33.6
97.5°	78.1	63.2	54.4	53.4
100°	94.9	81.0	74.1	73.1
102.5°	114.6	101.8	95.9	93.9
105°	135.4	123.5	117.6	114.6
107.5°	157.1	145.3	139.3	136.4
110°	178.9	168.0	163.1	160.1

TEST NUMBER: P1012268

CATALOG NUMBER: S123RDIP-B1165D1025UB30-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
112.5°	200.6	189.7	184.8	181.8
115°	222.4	212.5	206.5	202.6
117.5°	242.1	233.2	228.3	223.3
120°	262.9	253.0	248.1	245.1
122.5°	282.6	271.8	266.8	263.9
125°	300.4	289.6	283.6	281.7
127.5°	316.2	305.4	298.5	295.5
130°	332.1	320.2	311.3	308.3
132.5°	346.9	332.1	322.2	318.2
135°	359.7	344.9	334.0	330.1
137.5°	371.6	355.8	344.9	341.0
140°	382.5	366.6	356.8	351.8
142.5°	392.3	378.5	367.6	363.7
145°	403.2	388.4	379.5	376.5
147.5°	413.1	400.2	391.4	389.4
150°	424.0	411.1	403.2	402.2
152.5°	433.8	423.0	415.1	415.1
155°	443.7	433.8	427.9	427.9
157.5°	452.6	443.7	438.8	437.8
160°	461.5	453.6	449.7	449.7
162.5°	467.4	461.5	458.6	458.6
165°	473.4	468.4	466.5	467.4
167.5°	478.3	474.4	473.4	474.4
170°	482.3	479.3	478.3	480.3
172.5°	485.2	483.3	483.3	484.2
175°	487.2	485.2	486.2	487.2
177.5°	488.2	487.2	488.2	489.2
180°	488.2	488.2	488.2	488.2

(END OF REPORT)