

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: P1012298

Luminaire Tested: S123RDIP-B1165D1195UB30-4F0-XX-W2A-A4

Issue Date: 5/7/2025

Test Information

Test Method: LM-79-2019
Report Number: P1012298
REPORT IS A COMBINATION OF REPORTS P992977 AND P1007351
Test Lab: INNOVATION CENTER
Issue Date: 5/7/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: NEO-RAY
Catalog Number: S123RDIP-B1165D1195UB30-4F0-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

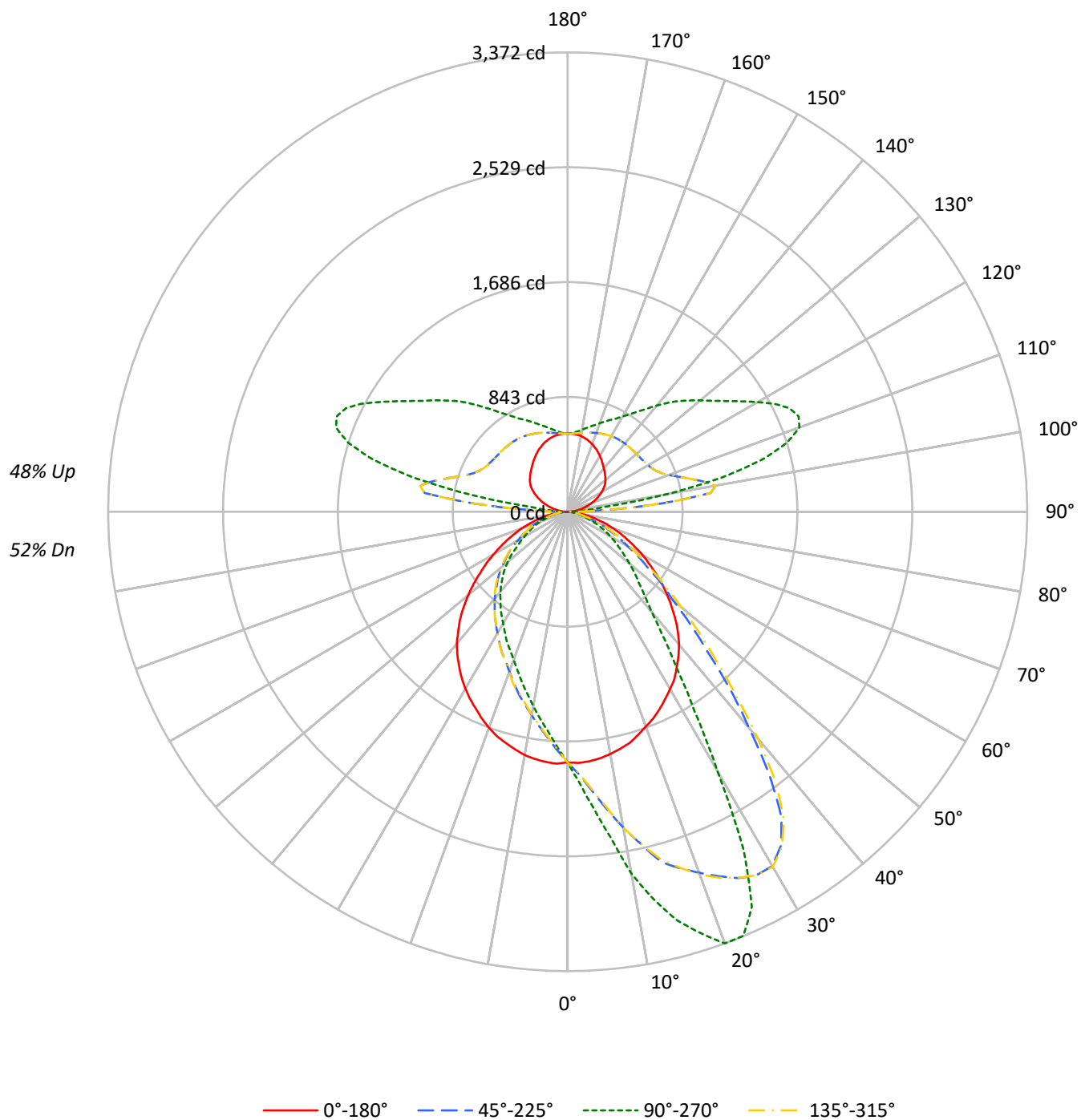
Lumens per Lamp: N/A
Luminaire Lumens: 8900.0 lumens
Efficiency: N/A
Efficacy: 92.4 lumens/watt
Spacing Criteria (0/90/45): 1.22 / 1.2 / 1.34
Luminous Opening: Rectangular w/ Sides (W: 0.25' x L: 4' x H: 0.1')
CIE Type: General Diffuse

Input Watts (W): 96.3
Input Voltage (V):
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT

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Luminous Intensity Polar Plot



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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20					20					20					20
RC	80				70					50					30					0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10
RCR																				
0	108	108	108	108	99	99	99	99	84	84	84	70	70	70	58	58	58	58	58	58
1	99	95	91	88	91	88	85	82	75	72	70	63	61	60	52	51	50	50	50	45
2	90	83	78	73	83	77	72	68	66	62	59	56	53	51	46	44	43	43	43	38
3	83	74	67	61	76	69	62	58	59	54	51	50	47	44	42	39	37	37	37	33
4	76	66	58	52	70	61	55	49	53	48	44	45	41	38	38	35	32	32	32	29
5	70	59	51	45	65	55	48	43	47	42	38	41	36	33	34	31	29	29	29	26
6	65	53	45	39	60	50	43	37	43	37	33	37	33	29	31	28	26	26	26	23
7	60	48	40	35	55	45	38	33	39	34	30	34	29	26	29	25	23	23	23	20
8	56	44	36	31	52	41	34	29	36	30	26	31	27	24	26	23	21	21	21	18
9	52	40	33	28	48	38	31	26	33	28	24	28	24	21	24	21	19	19	19	17
10	49	37	30	25	45	35	28	24	30	25	22	26	22	19	23	19	17	17	17	15

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	2.0
10°-20°	565.7	6.4
20°-30°	890.9	10.0
30°-40°	926.4	10.4
40°-50°	792.6	8.9
50°-60°	604.3	6.8
60°-70°	387.1	4.3
70°-80°	185.5	2.1
80°-90°	52.0	0.6
90°-100°	311.3	3.5
100°-110°	911.3	10.2
110°-120°	889.9	10.0
120°-130°	708.7	8.0
130°-140°	559.2	6.3
140°-150°	417.1	4.7
150°-160°	290.9	3.3
160°-170°	170.9	1.9
170°-180°	55.6	0.6
0°-30°	1637.3	18.4
0°-40°	2563.8	28.8
0°-60°	3960.6	44.5
0°-90°	4585.2	51.5
90°-120°	2112.5	23.7
90°-150°	3797.6	42.7
90°-180°	4315.0	48.5
0°-180°	8900.0	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	34	2	34	2	6
95°	40	135	40	135	40	42
105°	135	1477	135	1477	135	143
115°	238	1796	238	1796	238	236
125°	331	1417	331	1417	331	294
135°	388	1148	388	1148	388	300
145°	442	898	442	898	442	277
155°	503	744	503	744	503	231
165°	549	649	549	649	549	155
175°	572	584	572	584	572	54
180°	574	574	574	574	574	

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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°	2.3	4.6	7.0	10.5	12.8	14.0	15.1	18.6	22.1	25.5	29.0
92.5°	17.4	25.5	37.2	47.6	59.2	69.6	80.1	117.3	178.8	239.2	216.0
95°	39.5	43.0	55.7	75.5	105.7	128.4	151.0	249.7	422.7	613.1	688.6
97.5°	62.7	63.9	74.3	91.7	121.9	146.9	171.9	269.4	470.3	790.8	1059.0
100°	85.9	87.1	95.2	111.5	139.3	162.0	184.6	265.9	437.8	743.2	1099.6
102.5°	110.3	112.6	119.6	134.7	159.1	179.4	199.7	270.6	409.9	673.5	1024.2
105°	134.7	138.2	145.1	159.1	181.1	199.1	217.1	279.8	399.4	618.9	933.6
107.5°	160.2	163.7	170.7	184.6	205.5	222.4	239.2	294.9	397.1	579.4	853.5
110°	188.1	191.6	197.4	210.2	229.9	246.2	262.4	314.7	402.9	558.5	787.3

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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	213.7	217.1	222.9	235.7	255.5	271.2	286.8	334.4	414.5	546.9	743.2
115°	238.0	242.7	249.7	261.3	281.0	296.7	312.4	356.5	427.3	545.8	714.1
117.5°	262.4	268.2	274.0	284.5	306.5	321.0	335.6	379.7	443.6	546.9	694.4
120°	288.0	291.5	297.3	308.9	330.9	345.4	360.0	401.8	462.1	551.6	681.6
122.5°	310.0	313.5	319.3	332.1	353.0	368.6	384.3	425.0	479.6	559.7	673.5
125°	330.9	333.3	340.2	353.0	375.1	390.8	406.4	447.1	498.1	567.8	666.5
127.5°	347.2	350.7	358.8	371.6	396.0	411.6	427.3	466.8	513.2	577.1	663.0
130°	362.3	365.8	376.2	390.2	414.5	430.2	445.9	484.2	528.3	586.4	659.5
132.5°	373.9	378.5	390.2	407.6	432.0	447.0	462.1	499.3	542.3	593.4	658.4
135°	387.8	392.5	405.2	422.7	447.1	462.8	478.4	514.4	553.9	600.3	657.2
137.5°	400.6	405.2	418.0	436.6	461.0	475.5	490.0	524.9	563.2	605.0	654.9
140°	413.4	419.2	430.8	449.4	472.6	487.1	501.6	535.3	570.1	609.6	653.7
142.5°	427.3	432.0	444.7	461.0	484.2	497.6	510.9	543.4	577.1	613.1	651.4
145°	442.4	445.9	456.3	473.8	493.5	506.8	520.2	550.4	581.7	614.3	649.1
147.5°	457.5	459.8	470.3	485.4	505.1	516.7	528.3	556.2	585.2	614.3	645.6
150°	472.6	473.8	483.0	498.1	514.4	524.8	535.3	562.0	586.4	614.3	641.0
152.5°	487.7	487.7	497.0	509.8	523.7	533.6	543.4	565.5	588.7	610.8	635.2
155°	502.8	502.8	509.8	521.4	534.1	542.2	550.4	570.1	588.7	608.5	628.2
157.5°	514.4	515.6	521.4	531.8	543.4	549.8	556.2	572.5	589.9	605.0	622.4
160°	528.3	528.3	533.0	542.3	550.4	556.2	562.0	575.9	589.9	602.6	615.4
162.5°	538.8	538.8	542.3	549.2	556.2	560.8	565.5	577.1	588.7	598.0	608.5
165°	549.2	548.1	550.4	556.2	560.8	564.9	569.0	578.3	586.4	593.4	601.5
167.5°	557.4	556.2	557.4	562.0	565.5	568.4	571.3	578.3	585.2	588.7	594.5
170°	564.3	562.0	563.2	566.7	569.0	570.2	571.3	577.1	581.7	584.1	587.6
172.5°	569.0	567.8	567.8	570.1	571.3	571.9	572.5	577.1	580.6	580.6	581.7
175°	572.5	571.3	570.1	572.5	572.5	573.0	573.6	575.9	578.3	577.1	577.1
177.5°	574.8	573.6	572.5	573.6	573.6	573.6	573.6	574.8	577.1	574.8	573.6
180°	573.6	573.6	573.6	573.6	573.6	573.6	573.6	573.6	573.6	573.6	573.6

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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°	27.9	29.0	30.2	31.4	32.6	33.7	32.5	33.7	34.8	33.7	34.8
92.5°	161.4	115.0	89.4	77.8	73.8	69.7	67.3	62.7	63.9	61.5	63.9
95°	558.5	418.0	283.3	221.8	200.9	180.0	157.9	147.5	139.3	134.7	139.3
97.5°	1095.0	960.3	724.6	571.3	505.1	438.9	361.1	317.0	289.1	276.4	289.1
100°	1328.4	1369.0	1275.0	1139.1	1056.6	974.2	856.9	772.2	726.9	728.1	726.9
102.5°	1340.0	1504.9	1524.6	1459.6	1414.9	1370.2	1285.4	1222.7	1186.7	1153.0	1186.7
105°	1266.8	1509.5	1625.6	1647.7	1632.6	1617.5	1564.1	1520.0	1482.8	1477.0	1482.8
107.5°	1162.3	1439.9	1622.2	1712.7	1728.4	1744.1	1737.1	1716.2	1701.1	1688.3	1701.1
110°	1064.8	1330.7	1544.4	1690.7	1731.4	1772.0	1804.5	1813.8	1811.4	1809.1	1811.4

TEST NUMBER: P1012298

CATALOG NUMBER: S123RDIP-B1165D1195UB30-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	980.0	1222.7	1442.2	1610.5	1665.7	1720.9	1787.0	1820.7	1832.3	1833.5	1832.3
115°	915.0	1129.8	1331.9	1502.6	1565.8	1629.1	1716.2	1767.3	1790.5	1796.3	1790.5
117.5°	872.0	1057.8	1236.6	1393.4	1459.0	1524.6	1615.2	1672.1	1706.9	1715.1	1706.9
120°	839.5	1003.3	1160.0	1299.4	1358.0	1416.6	1508.4	1573.4	1601.3	1608.2	1601.3
122.5°	812.8	960.3	1098.5	1225.0	1278.4	1331.9	1410.8	1467.7	1499.1	1508.4	1499.1
125°	790.8	923.1	1049.7	1161.2	1207.6	1254.1	1328.4	1379.5	1408.5	1416.6	1408.5
127.5°	769.9	889.5	1004.4	1106.6	1149.6	1192.5	1259.9	1304.0	1330.7	1337.7	1330.7
130°	753.6	858.1	962.6	1056.7	1096.2	1135.6	1197.2	1239.0	1263.4	1272.6	1263.4
132.5°	738.5	829.1	923.1	1009.1	1046.2	1083.4	1140.3	1182.1	1203.0	1208.8	1203.0
135°	725.7	803.5	886.0	961.5	994.6	1027.6	1084.5	1119.4	1140.3	1148.4	1140.3
137.5°	714.1	779.1	848.8	916.2	945.8	975.4	1024.2	1060.2	1077.6	1084.5	1077.6
140°	703.7	758.2	817.5	873.2	898.2	923.1	967.3	999.8	1018.3	1017.2	1018.3
142.5°	694.4	738.5	787.3	833.7	854.6	875.5	911.5	939.4	955.6	954.5	955.6
145°	686.3	723.4	761.7	798.9	815.8	832.6	861.6	886.0	895.3	897.6	895.3
147.5°	678.1	710.6	742.0	773.3	785.5	797.7	820.9	838.4	847.7	848.8	847.7
150°	670.0	696.7	723.4	747.8	758.8	769.9	787.3	800.0	807.0	807.0	807.0
152.5°	660.7	683.9	706.0	726.9	735.6	744.3	757.1	768.7	772.2	772.2	772.2
155°	651.4	671.2	689.7	707.2	714.2	721.1	731.5	740.8	743.2	744.3	743.2
157.5°	641.0	657.2	673.5	687.4	693.2	699.0	708.3	715.3	717.6	717.6	717.6
160°	630.5	645.6	658.4	670.0	674.0	678.1	686.3	693.2	693.2	692.1	693.2
162.5°	620.1	631.7	642.1	652.6	656.0	659.5	664.2	670.0	670.0	668.8	670.0
165°	610.8	620.1	627.0	635.2	638.1	641.0	645.6	650.3	649.1	649.1	649.1
167.5°	601.5	609.6	615.4	620.1	622.4	624.7	627.0	630.5	629.4	629.4	629.4
170°	593.4	599.2	602.6	607.3	608.4	609.6	610.8	613.1	611.9	611.9	611.9
172.5°	585.2	589.9	592.2	595.7	596.2	596.8	596.8	599.2	596.8	595.7	596.8
175°	579.4	581.7	582.9	585.2	585.2	585.2	585.2	586.4	585.2	584.1	585.2
177.5°	574.8	575.9	577.1	578.3	578.3	578.3	577.1	578.3	575.9	575.9	575.9
180°	573.6	573.6	573.6	573.6	573.6	573.6	573.6	573.6	573.6	573.6	573.6

TEST NUMBER: P1012298

CATALOG NUMBER: S123RDIP-B1165D1195UB30-4F0-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°	33.7	32.5	33.7	32.6	31.4	30.2	29.0	27.9	29.0	25.5	22.1
92.5°	62.7	67.3	69.7	73.8	77.8	89.4	115.0	161.4	216.0	239.2	178.8
95°	147.5	157.9	180.0	200.9	221.8	283.3	418.0	558.5	688.6	613.1	422.7
97.5°	317.0	361.1	438.9	505.1	571.3	724.6	960.3	1095.0	1059.0	790.8	470.3
100°	772.2	856.9	974.2	1056.6	1139.1	1275.0	1369.0	1328.4	1099.6	743.2	437.8
102.5°	1222.7	1285.4	1370.2	1414.9	1459.6	1524.6	1504.9	1340.0	1024.2	673.5	409.9
105°	1520.0	1564.1	1617.5	1632.6	1647.7	1625.6	1509.5	1266.8	933.6	618.9	399.4
107.5°	1716.2	1737.1	1744.1	1728.4	1712.7	1622.2	1439.9	1162.3	853.5	579.4	397.1
110°	1813.8	1804.5	1772.0	1731.4	1690.7	1544.4	1330.7	1064.8	787.3	558.5	402.9

TEST NUMBER: P1012298

CATALOG NUMBER: S123RDIP-B1165D1195UB30-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	1820.7	1787.0	1720.9	1665.7	1610.5	1442.2	1222.7	980.0	743.2	546.9	414.5
115°	1767.3	1716.2	1629.1	1565.8	1502.6	1331.9	1129.8	915.0	714.1	545.8	427.3
117.5°	1672.1	1615.2	1524.6	1459.0	1393.4	1236.6	1057.8	872.0	694.4	546.9	443.6
120°	1573.4	1508.4	1416.6	1358.0	1299.4	1160.0	1003.3	839.5	681.6	551.6	462.1
122.5°	1467.7	1410.8	1331.9	1278.4	1225.0	1098.5	960.3	812.8	673.5	559.7	479.6
125°	1379.5	1328.4	1254.1	1207.6	1161.2	1049.7	923.1	790.8	666.5	567.8	498.1
127.5°	1304.0	1259.9	1192.5	1149.6	1106.6	1004.4	889.5	769.9	663.0	577.1	513.2
130°	1239.0	1197.2	1135.6	1096.2	1056.7	962.6	858.1	753.6	659.5	586.4	528.3
132.5°	1182.1	1140.3	1083.4	1046.2	1009.1	923.1	829.1	738.5	658.4	593.4	542.3
135°	1119.4	1084.5	1027.6	994.6	961.5	886.0	803.5	725.7	657.2	600.3	553.9
137.5°	1060.2	1024.2	975.4	945.8	916.2	848.8	779.1	714.1	654.9	605.0	563.2
140°	999.8	967.3	923.1	898.2	873.2	817.5	758.2	703.7	653.7	609.6	570.1
142.5°	939.4	911.5	875.5	854.6	833.7	787.3	738.5	694.4	651.4	613.1	577.1
145°	886.0	861.6	832.6	815.8	798.9	761.7	723.4	686.3	649.1	614.3	581.7
147.5°	838.4	820.9	797.7	785.5	773.3	742.0	710.6	678.1	645.6	614.3	585.2
150°	800.0	787.3	769.9	758.8	747.8	723.4	696.7	670.0	641.0	614.3	586.4
152.5°	768.7	757.1	744.3	735.6	726.9	706.0	683.9	660.7	635.2	610.8	588.7
155°	740.8	731.5	721.1	714.2	707.2	689.7	671.2	651.4	628.2	608.5	588.7
157.5°	715.3	708.3	699.0	693.2	687.4	673.5	657.2	641.0	622.4	605.0	589.9
160°	693.2	686.3	678.1	674.0	670.0	658.4	645.6	630.5	615.4	602.6	589.9
162.5°	670.0	664.2	659.5	656.0	652.6	642.1	631.7	620.1	608.5	598.0	588.7
165°	650.3	645.6	641.0	638.1	635.2	627.0	620.1	610.8	601.5	593.4	586.4
167.5°	630.5	627.0	624.7	622.4	620.1	615.4	609.6	601.5	594.5	588.7	585.2
170°	613.1	610.8	609.6	608.4	607.3	602.6	599.2	593.4	587.6	584.1	581.7
172.5°	599.2	596.8	596.8	596.2	595.7	592.2	589.9	585.2	581.7	580.6	580.6
175°	586.4	585.2	585.2	585.2	585.2	582.9	581.7	579.4	577.1	577.1	578.3
177.5°	578.3	577.1	578.3	578.3	578.3	577.1	575.9	574.8	573.6	574.8	577.1
180°	573.6	573.6	573.6	573.6	573.6	573.6	573.6	573.6	573.6	573.6	573.6

TEST NUMBER: P1012298

CATALOG NUMBER: S123RDIP-B1165D1195UB30-4F0-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°	18.6	15.1	14.0	12.8	10.5	7.0	4.6	2.3	4.6	7.0	10.5
92.5°	117.3	80.1	69.6	59.2	47.6	37.2	25.5	17.4	25.5	37.2	47.6
95°	249.7	151.0	128.4	105.7	75.5	55.7	43.0	39.5	43.0	55.7	75.5
97.5°	269.4	171.9	146.9	121.9	91.7	74.3	63.9	62.7	63.9	74.3	91.7
100°	265.9	184.6	162.0	139.3	111.5	95.2	87.1	85.9	87.1	95.2	111.5
102.5°	270.6	199.7	179.4	159.1	134.7	119.6	112.6	110.3	112.6	119.6	134.7
105°	279.8	217.1	199.1	181.1	159.1	145.1	138.2	134.7	138.2	145.1	159.1
107.5°	294.9	239.2	222.4	205.5	184.6	170.7	163.7	160.2	163.7	170.7	184.6
110°	314.7	262.4	246.2	229.9	210.2	197.4	191.6	188.1	191.6	197.4	210.2

TEST NUMBER: P1012298

CATALOG NUMBER: S123RDIP-B1165D1195UB30-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
112.5°	334.4	286.8	271.2	255.5	235.7	222.9	217.1	213.7	217.1	222.9	235.7
115°	356.5	312.4	296.7	281.0	261.3	249.7	242.7	238.0	242.7	249.7	261.3
117.5°	379.7	335.6	321.0	306.5	284.5	274.0	268.2	262.4	268.2	274.0	284.5
120°	401.8	360.0	345.4	330.9	308.9	297.3	291.5	288.0	291.5	297.3	308.9
122.5°	425.0	384.3	368.6	353.0	332.1	319.3	313.5	310.0	313.5	319.3	332.1
125°	447.1	406.4	390.8	375.1	353.0	340.2	333.3	330.9	333.3	340.2	353.0
127.5°	466.8	427.3	411.6	396.0	371.6	358.8	350.7	347.2	350.7	358.8	371.6
130°	484.2	445.9	430.2	414.5	390.2	376.2	365.8	362.3	365.8	376.2	390.2
132.5°	499.3	462.1	447.0	432.0	407.6	390.2	378.5	373.9	378.5	390.2	407.6
135°	514.4	478.4	462.8	447.1	422.7	405.2	392.5	387.8	392.5	405.2	422.7
137.5°	524.9	490.0	475.5	461.0	436.6	418.0	405.2	400.6	405.2	418.0	436.6
140°	535.3	501.6	487.1	472.6	449.4	430.8	419.2	413.4	419.2	430.8	449.4
142.5°	543.4	510.9	497.6	484.2	461.0	444.7	432.0	427.3	432.0	444.7	461.0
145°	550.4	520.2	506.8	493.5	473.8	456.3	445.9	442.4	445.9	456.3	473.8
147.5°	556.2	528.3	516.7	505.1	485.4	470.3	459.8	457.5	459.8	470.3	485.4
150°	562.0	535.3	524.8	514.4	498.1	483.0	473.8	472.6	473.8	483.0	498.1
152.5°	565.5	543.4	533.6	523.7	509.8	497.0	487.7	487.7	487.7	497.0	509.8
155°	570.1	550.4	542.2	534.1	521.4	509.8	502.8	502.8	502.8	509.8	521.4
157.5°	572.5	556.2	549.8	543.4	531.8	521.4	515.6	514.4	515.6	521.4	531.8
160°	575.9	562.0	556.2	550.4	542.3	533.0	528.3	528.3	528.3	533.0	542.3
162.5°	577.1	565.5	560.8	556.2	549.2	542.3	538.8	538.8	538.8	542.3	549.2
165°	578.3	569.0	564.9	560.8	556.2	550.4	548.1	549.2	548.1	550.4	556.2
167.5°	578.3	571.3	568.4	565.5	562.0	557.4	556.2	557.4	556.2	557.4	562.0
170°	577.1	571.3	570.2	569.0	566.7	563.2	562.0	564.3	562.0	563.2	566.7
172.5°	577.1	572.5	571.9	571.3	570.1	567.8	567.8	569.0	567.8	567.8	570.1
175°	575.9	573.6	573.0	572.5	572.5	570.1	571.3	572.5	571.3	570.1	572.5
177.5°	574.8	573.6	573.6	573.6	573.6	572.5	573.6	574.8	573.6	572.5	573.6
180°	573.6	573.6	573.6	573.6	573.6	573.6	573.6	573.6	573.6	573.6	573.6

TEST NUMBER: P1012298

CATALOG NUMBER: S123RDIP-B1165D1195UB30-4F0-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°	12.8	14.0	15.1	18.6	22.1	25.5	29.0	27.9	29.0	30.2	31.4
92.5°	59.2	69.6	80.1	117.3	178.8	239.2	216.0	161.4	115.0	89.4	77.8
95°	105.7	128.4	151.0	249.7	422.7	613.1	688.6	558.5	418.0	283.3	221.8
97.5°	121.9	146.9	171.9	269.4	470.3	790.8	1059.0	1095.0	960.3	724.6	571.3
100°	139.3	162.0	184.6	265.9	437.8	743.2	1099.6	1328.4	1369.0	1275.0	1139.1
102.5°	159.1	179.4	199.7	270.6	409.9	673.5	1024.2	1340.0	1504.9	1524.6	1459.6
105°	181.1	199.1	217.1	279.8	399.4	618.9	933.6	1266.8	1509.5	1625.6	1647.7
107.5°	205.5	222.4	239.2	294.9	397.1	579.4	853.5	1162.3	1439.9	1622.2	1712.7
110°	229.9	246.2	262.4	314.7	402.9	558.5	787.3	1064.8	1330.7	1544.4	1690.7

TEST NUMBER: P1012298

CATALOG NUMBER: S123RDIP-B1165D1195UB30-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
112.5°	255.5	271.2	286.8	334.4	414.5	546.9	743.2	980.0	1222.7	1442.2	1610.5
115°	281.0	296.7	312.4	356.5	427.3	545.8	714.1	915.0	1129.8	1331.9	1502.6
117.5°	306.5	321.0	335.6	379.7	443.6	546.9	694.4	872.0	1057.8	1236.6	1393.4
120°	330.9	345.4	360.0	401.8	462.1	551.6	681.6	839.5	1003.3	1160.0	1299.4
122.5°	353.0	368.6	384.3	425.0	479.6	559.7	673.5	812.8	960.3	1098.5	1225.0
125°	375.1	390.8	406.4	447.1	498.1	567.8	666.5	790.8	923.1	1049.7	1161.2
127.5°	396.0	411.6	427.3	466.8	513.2	577.1	663.0	769.9	889.5	1004.4	1106.6
130°	414.5	430.2	445.9	484.2	528.3	586.4	659.5	753.6	858.1	962.6	1056.7
132.5°	432.0	447.0	462.1	499.3	542.3	593.4	658.4	738.5	829.1	923.1	1009.1
135°	447.1	462.8	478.4	514.4	553.9	600.3	657.2	725.7	803.5	886.0	961.5
137.5°	461.0	475.5	490.0	524.9	563.2	605.0	654.9	714.1	779.1	848.8	916.2
140°	472.6	487.1	501.6	535.3	570.1	609.6	653.7	703.7	758.2	817.5	873.2
142.5°	484.2	497.6	510.9	543.4	577.1	613.1	651.4	694.4	738.5	787.3	833.7
145°	493.5	506.8	520.2	550.4	581.7	614.3	649.1	686.3	723.4	761.7	798.9
147.5°	505.1	516.7	528.3	556.2	585.2	614.3	645.6	678.1	710.6	742.0	773.3
150°	514.4	524.8	535.3	562.0	586.4	614.3	641.0	670.0	696.7	723.4	747.8
152.5°	523.7	533.6	543.4	565.5	588.7	610.8	635.2	660.7	683.9	706.0	726.9
155°	534.1	542.2	550.4	570.1	588.7	608.5	628.2	651.4	671.2	689.7	707.2
157.5°	543.4	549.8	556.2	572.5	589.9	605.0	622.4	641.0	657.2	673.5	687.4
160°	550.4	556.2	562.0	575.9	589.9	602.6	615.4	630.5	645.6	658.4	670.0
162.5°	556.2	560.8	565.5	577.1	588.7	598.0	608.5	620.1	631.7	642.1	652.6
165°	560.8	564.9	569.0	578.3	586.4	593.4	601.5	610.8	620.1	627.0	635.2
167.5°	565.5	568.4	571.3	578.3	585.2	588.7	594.5	601.5	609.6	615.4	620.1
170°	569.0	570.2	571.3	577.1	581.7	584.1	587.6	593.4	599.2	602.6	607.3
172.5°	571.3	571.9	572.5	577.1	580.6	580.6	581.7	585.2	589.9	592.2	595.7
175°	572.5	573.0	573.6	575.9	578.3	577.1	577.1	579.4	581.7	582.9	585.2
177.5°	573.6	573.6	573.6	574.8	577.1	574.8	573.6	574.8	575.9	577.1	578.3
180°	573.6	573.6	573.6	573.6	573.6	573.6	573.6	573.6	573.6	573.6	573.6

TEST NUMBER: P1012298

CATALOG NUMBER: S123RDIP-B1165D1195UB30-4F0-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°	32.6	33.7	32.5	33.7	34.8	33.7	34.8	33.7	32.5	33.7	32.6
92.5°	73.8	69.7	67.3	62.7	63.9	61.5	63.9	62.7	67.3	69.7	73.8
95°	200.9	180.0	157.9	147.5	139.3	134.7	139.3	147.5	157.9	180.0	200.9
97.5°	505.1	438.9	361.1	317.0	289.1	276.4	289.1	317.0	361.1	438.9	505.1
100°	1056.6	974.2	856.9	772.2	726.9	728.1	726.9	772.2	856.9	974.2	1056.6
102.5°	1414.9	1370.2	1285.4	1222.7	1186.7	1153.0	1186.7	1222.7	1285.4	1370.2	1414.9
105°	1632.6	1617.5	1564.1	1520.0	1482.8	1477.0	1482.8	1520.0	1564.1	1617.5	1632.6
107.5°	1728.4	1744.1	1737.1	1716.2	1701.1	1688.3	1701.1	1716.2	1737.1	1744.1	1728.4
110°	1731.4	1772.0	1804.5	1813.8	1811.4	1809.1	1811.4	1813.8	1804.5	1772.0	1731.4

TEST NUMBER: P1012298

CATALOG NUMBER: S123RDIP-B1165D1195UB30-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
112.5°	1665.7	1720.9	1787.0	1820.7	1832.3	1833.5	1832.3	1820.7	1787.0	1720.9	1665.7
115°	1565.8	1629.1	1716.2	1767.3	1790.5	1796.3	1790.5	1767.3	1716.2	1629.1	1565.8
117.5°	1459.0	1524.6	1615.2	1672.1	1706.9	1715.1	1706.9	1672.1	1615.2	1524.6	1459.0
120°	1358.0	1416.6	1508.4	1573.4	1601.3	1608.2	1601.3	1573.4	1508.4	1416.6	1358.0
122.5°	1278.4	1331.9	1410.8	1467.7	1499.1	1508.4	1499.1	1467.7	1410.8	1331.9	1278.4
125°	1207.6	1254.1	1328.4	1379.5	1408.5	1416.6	1408.5	1379.5	1328.4	1254.1	1207.6
127.5°	1149.6	1192.5	1259.9	1304.0	1330.7	1337.7	1330.7	1304.0	1259.9	1192.5	1149.6
130°	1096.2	1135.6	1197.2	1239.0	1263.4	1272.6	1263.4	1239.0	1197.2	1135.6	1096.2
132.5°	1046.2	1083.4	1140.3	1182.1	1203.0	1208.8	1203.0	1182.1	1140.3	1083.4	1046.2
135°	994.6	1027.6	1084.5	1119.4	1140.3	1148.4	1140.3	1119.4	1084.5	1027.6	994.6
137.5°	945.8	975.4	1024.2	1060.2	1077.6	1084.5	1077.6	1060.2	1024.2	975.4	945.8
140°	898.2	923.1	967.3	999.8	1018.3	1017.2	1018.3	999.8	967.3	923.1	898.2
142.5°	854.6	875.5	911.5	939.4	955.6	954.5	955.6	939.4	911.5	875.5	854.6
145°	815.8	832.6	861.6	886.0	895.3	897.6	895.3	886.0	861.6	832.6	815.8
147.5°	785.5	797.7	820.9	838.4	847.7	848.8	847.7	838.4	820.9	797.7	785.5
150°	758.8	769.9	787.3	800.0	807.0	807.0	807.0	800.0	787.3	769.9	758.8
152.5°	735.6	744.3	757.1	768.7	772.2	772.2	772.2	768.7	757.1	744.3	735.6
155°	714.2	721.1	731.5	740.8	743.2	744.3	743.2	740.8	731.5	721.1	714.2
157.5°	693.2	699.0	708.3	715.3	717.6	717.6	717.6	715.3	708.3	699.0	693.2
160°	674.0	678.1	686.3	693.2	693.2	692.1	693.2	693.2	686.3	678.1	674.0
162.5°	656.0	659.5	664.2	670.0	670.0	668.8	670.0	670.0	664.2	659.5	656.0
165°	638.1	641.0	645.6	650.3	649.1	649.1	649.1	650.3	645.6	641.0	638.1
167.5°	622.4	624.7	627.0	630.5	629.4	629.4	629.4	630.5	627.0	624.7	622.4
170°	608.4	609.6	610.8	613.1	611.9	611.9	611.9	613.1	610.8	609.6	608.4
172.5°	596.2	596.8	596.8	599.2	596.8	595.7	596.8	599.2	596.8	596.8	596.2
175°	585.2	585.2	585.2	586.4	585.2	584.1	585.2	586.4	585.2	585.2	585.2
177.5°	578.3	578.3	577.1	578.3	575.9	575.9	575.9	578.3	577.1	578.3	578.3
180°	573.6	573.6	573.6	573.6	573.6	573.6	573.6	573.6	573.6	573.6	573.6

TEST NUMBER: P1012298

CATALOG NUMBER: S123RDIP-B1165D1195UB30-4F0-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°	31.4	30.2	29.0	27.9	29.0	25.5	22.1	18.6	15.1	14.0	12.8
92.5°	77.8	89.4	115.0	161.4	216.0	239.2	178.8	117.3	80.1	69.6	59.2
95°	221.8	283.3	418.0	558.5	688.6	613.1	422.7	249.7	151.0	128.4	105.7
97.5°	571.3	724.6	960.3	1095.0	1059.0	790.8	470.3	269.4	171.9	146.9	121.9
100°	1139.1	1275.0	1369.0	1328.4	1099.6	743.2	437.8	265.9	184.6	162.0	139.3
102.5°	1459.6	1524.6	1504.9	1340.0	1024.2	673.5	409.9	270.6	199.7	179.4	159.1
105°	1647.7	1625.6	1509.5	1266.8	933.6	618.9	399.4	279.8	217.1	199.1	181.1
107.5°	1712.7	1622.2	1439.9	1162.3	853.5	579.4	397.1	294.9	239.2	222.4	205.5
110°	1690.7	1544.4	1330.7	1064.8	787.3	558.5	402.9	314.7	262.4	246.2	229.9

TEST NUMBER: P1012298

CATALOG NUMBER: S123RDIP-B1165D1195UB30-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
112.5°	1610.5	1442.2	1222.7	980.0	743.2	546.9	414.5	334.4	286.8	271.2	255.5
115°	1502.6	1331.9	1129.8	915.0	714.1	545.8	427.3	356.5	312.4	296.7	281.0
117.5°	1393.4	1236.6	1057.8	872.0	694.4	546.9	443.6	379.7	335.6	321.0	306.5
120°	1299.4	1160.0	1003.3	839.5	681.6	551.6	462.1	401.8	360.0	345.4	330.9
122.5°	1225.0	1098.5	960.3	812.8	673.5	559.7	479.6	425.0	384.3	368.6	353.0
125°	1161.2	1049.7	923.1	790.8	666.5	567.8	498.1	447.1	406.4	390.8	375.1
127.5°	1106.6	1004.4	889.5	769.9	663.0	577.1	513.2	466.8	427.3	411.6	396.0
130°	1056.7	962.6	858.1	753.6	659.5	586.4	528.3	484.2	445.9	430.2	414.5
132.5°	1009.1	923.1	829.1	738.5	658.4	593.4	542.3	499.3	462.1	447.0	432.0
135°	961.5	886.0	803.5	725.7	657.2	600.3	553.9	514.4	478.4	462.8	447.1
137.5°	916.2	848.8	779.1	714.1	654.9	605.0	563.2	524.9	490.0	475.5	461.0
140°	873.2	817.5	758.2	703.7	653.7	609.6	570.1	535.3	501.6	487.1	472.6
142.5°	833.7	787.3	738.5	694.4	651.4	613.1	577.1	543.4	510.9	497.6	484.2
145°	798.9	761.7	723.4	686.3	649.1	614.3	581.7	550.4	520.2	506.8	493.5
147.5°	773.3	742.0	710.6	678.1	645.6	614.3	585.2	556.2	528.3	516.7	505.1
150°	747.8	723.4	696.7	670.0	641.0	614.3	586.4	562.0	535.3	524.8	514.4
152.5°	726.9	706.0	683.9	660.7	635.2	610.8	588.7	565.5	543.4	533.6	523.7
155°	707.2	689.7	671.2	651.4	628.2	608.5	588.7	570.1	550.4	542.2	534.1
157.5°	687.4	673.5	657.2	641.0	622.4	605.0	589.9	572.5	556.2	549.8	543.4
160°	670.0	658.4	645.6	630.5	615.4	602.6	589.9	575.9	562.0	556.2	550.4
162.5°	652.6	642.1	631.7	620.1	608.5	598.0	588.7	577.1	565.5	560.8	556.2
165°	635.2	627.0	620.1	610.8	601.5	593.4	586.4	578.3	569.0	564.9	560.8
167.5°	620.1	615.4	609.6	601.5	594.5	588.7	585.2	578.3	571.3	568.4	565.5
170°	607.3	602.6	599.2	593.4	587.6	584.1	581.7	577.1	571.3	570.2	569.0
172.5°	595.7	592.2	589.9	585.2	581.7	580.6	580.6	577.1	572.5	571.9	571.3
175°	585.2	582.9	581.7	579.4	577.1	577.1	578.3	575.9	573.6	573.0	572.5
177.5°	578.3	577.1	575.9	574.8	573.6	574.8	577.1	574.8	573.6	573.6	573.6
180°	573.6	573.6	573.6	573.6	573.6	573.6	573.6	573.6	573.6	573.6	573.6

TEST NUMBER: P1012298

CATALOG NUMBER: S123RDIP-B1165D1195UB30-4F0-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°	10.5	7.0	4.6	2.3
92.5°	47.6	37.2	25.5	17.4
95°	75.5	55.7	43.0	39.5
97.5°	91.7	74.3	63.9	62.7
100°	111.5	95.2	87.1	85.9
102.5°	134.7	119.6	112.6	110.3
105°	159.1	145.1	138.2	134.7
107.5°	184.6	170.7	163.7	160.2
110°	210.2	197.4	191.6	188.1

TEST NUMBER: P1012298

CATALOG NUMBER: S123RDIP-B1165D1195UB30-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
112.5°	235.7	222.9	217.1	213.7
115°	261.3	249.7	242.7	238.0
117.5°	284.5	274.0	268.2	262.4
120°	308.9	297.3	291.5	288.0
122.5°	332.1	319.3	313.5	310.0
125°	353.0	340.2	333.3	330.9
127.5°	371.6	358.8	350.7	347.2
130°	390.2	376.2	365.8	362.3
132.5°	407.6	390.2	378.5	373.9
135°	422.7	405.2	392.5	387.8
137.5°	436.6	418.0	405.2	400.6
140°	449.4	430.8	419.2	413.4
142.5°	461.0	444.7	432.0	427.3
145°	473.8	456.3	445.9	442.4
147.5°	485.4	470.3	459.8	457.5
150°	498.1	483.0	473.8	472.6
152.5°	509.8	497.0	487.7	487.7
155°	521.4	509.8	502.8	502.8
157.5°	531.8	521.4	515.6	514.4
160°	542.3	533.0	528.3	528.3
162.5°	549.2	542.3	538.8	538.8
165°	556.2	550.4	548.1	549.2
167.5°	562.0	557.4	556.2	557.4
170°	566.7	563.2	562.0	564.3
172.5°	570.1	567.8	567.8	569.0
175°	572.5	570.1	571.3	572.5
177.5°	573.6	572.5	573.6	574.8
180°	573.6	573.6	573.6	573.6

(END OF REPORT)