

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: P1012386

Luminaire Tested: S123RDIP-B1165D805UB30-4F0-XX-W2A-A4

Issue Date: 5/7/2025

Test Information

Test Method: LM-79-2019
Report Number: P1012386
REPORT IS A COMBINATION OF REPORTS P993097 AND P1007351
Test Lab: INNOVATION CENTER
Issue Date: 5/7/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: NEO-RAY
Catalog Number: S123RDIP-B1165D805UB30-4F0-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

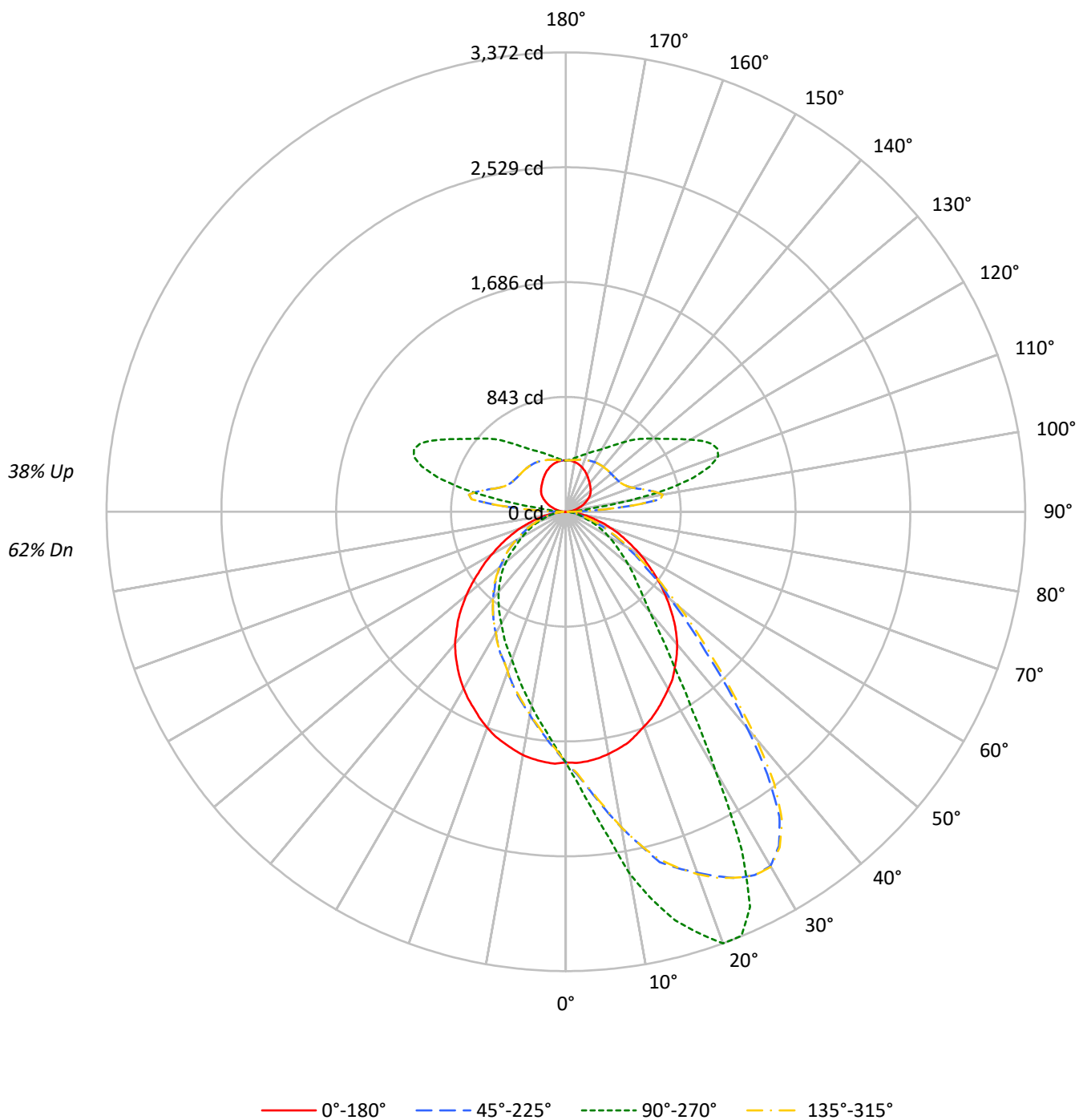
Lumens per Lamp: N/A
Luminaire Lumens: 7421.0 lumens
Efficiency: N/A
Efficacy: 90.1 lumens/watt
Spacing Criteria (0/90/45): 1.22 / 1.2 / 1.34
Luminous Opening: Rectangular w/ Sides (W: 0.25' x L: 4' x H: 0.1')
CIE Type: Semi-Direct

Input Watts (W): 82.4
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				20
RC	80				70				50				30				10				0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR																					
0	110	110	110	110	103	103	103	103	90	90	90	78	78	78	67	67	67	67	67	67	62
1	101	97	93	90	95	91	88	85	80	78	75	70	68	66	60	59	58	58	58	58	54
2	93	86	80	75	87	81	75	71	71	67	64	62	59	57	54	52	50	50	50	50	46
3	85	76	69	63	79	72	65	60	63	58	54	56	52	49	48	46	43	43	43	43	40
4	78	68	60	54	73	64	57	52	57	51	47	50	46	42	44	41	38	38	38	38	35
5	72	61	53	47	67	57	50	45	51	45	41	45	41	37	40	36	34	34	34	34	31
6	67	55	47	41	62	52	45	39	46	41	36	41	37	33	36	33	30	30	30	30	27
7	62	50	42	36	58	47	40	35	42	36	32	38	33	29	33	30	27	27	27	27	24
8	58	45	38	32	54	43	36	31	39	33	29	35	30	27	31	27	24	24	24	24	22
9	54	42	34	29	50	40	33	28	36	30	26	32	27	24	28	25	22	22	22	22	20
10	50	38	31	26	47	36	30	25	33	27	24	30	25	22	26	23	20	20	20	20	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	2.4
10°-20°	565.7	7.6
20°-30°	890.9	12.0
30°-40°	926.4	12.5
40°-50°	792.6	10.7
50°-60°	604.3	8.1
60°-70°	387.1	5.2
70°-80°	185.5	2.5
80°-90°	50.9	0.7
90°-100°	204.7	2.8
100°-110°	599.2	8.1
110°-120°	585.1	7.9
120°-130°	466.0	6.3
130°-140°	367.6	5.0
140°-150°	274.3	3.7
150°-160°	191.2	2.6
160°-170°	112.3	1.5
170°-180°	36.5	0.5
0°-30°	1637.3	22.1
0°-40°	2563.8	34.5
0°-60°	3960.6	53.4
0°-90°	4584.1	61.8
90°-120°	1388.9	18.7
90°-150°	2496.8	33.6
90°-180°	2837.0	38.2
0°-180°	7421.0	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	22	2	22	2	5
95°	26	89	26	89	26	28
105°	89	971	89	971	89	94
115°	156	1181	156	1181	156	155
125°	218	931	218	931	218	193
135°	255	755	255	755	255	197
145°	291	590	291	590	291	182
155°	331	489	331	489	331	152
165°	361	427	361	427	361	102
175°	376	384	376	384	376	36
180°	377	377	377	377	377	

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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°	1.5	3.1	4.6	6.9	8.4	9.2	9.9	12.2	14.5	16.8	19.1
92.5°	11.5	16.8	24.4	31.3	38.9	45.8	52.7	77.1	117.6	157.3	142.0
95°	26.0	28.2	36.6	49.6	69.5	84.4	99.2	164.1	277.9	403.1	452.7
97.5°	41.2	42.0	48.9	60.3	80.2	96.6	113.0	177.1	309.2	519.9	696.3
100°	56.5	57.3	62.6	73.3	91.6	106.5	121.4	174.8	287.8	488.6	723.0
102.5°	72.5	74.1	78.6	88.6	104.6	118.0	131.3	177.9	269.5	442.8	673.4
105°	88.6	90.9	95.4	104.6	119.1	131.0	142.8	184.0	262.6	406.9	613.8
107.5°	105.4	107.6	112.2	121.4	135.1	146.2	157.3	193.9	261.1	381.0	561.1
110°	123.7	126.0	129.8	138.2	151.2	161.8	172.5	206.9	264.9	367.2	517.6

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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	140.5	142.8	146.6	155.0	168.0	178.3	188.6	219.9	272.6	359.6	488.6
115°	156.5	159.6	164.1	171.8	184.8	195.1	205.4	234.4	280.9	358.8	469.5
117.5°	172.5	176.4	180.2	187.0	201.6	211.1	220.6	249.6	291.6	359.6	456.5
120°	189.3	191.6	195.4	203.1	217.6	227.2	236.7	264.2	303.9	362.6	448.1
122.5°	203.8	206.1	209.9	218.3	232.1	242.4	252.7	279.4	315.3	368.0	442.8
125°	217.6	219.1	223.7	232.1	246.6	256.9	267.2	293.9	327.5	373.3	438.2
127.5°	228.3	230.6	235.9	244.3	260.3	270.6	280.9	306.9	337.4	379.4	435.9
130°	238.2	240.5	247.4	256.5	272.6	282.9	293.2	318.4	347.4	385.5	433.6
132.5°	245.8	248.9	256.5	268.0	284.0	294.0	303.9	328.3	356.5	390.1	432.9
135°	255.0	258.0	266.4	277.9	293.9	304.2	314.5	338.2	364.2	394.7	432.1
137.5°	263.4	266.4	274.8	287.1	303.1	312.6	322.2	345.1	370.3	397.8	430.6
140°	271.8	275.6	283.2	295.5	310.7	320.2	329.8	351.9	374.9	400.8	429.8
142.5°	280.9	284.0	292.4	303.1	318.4	327.2	335.9	357.3	379.4	403.1	428.3
145°	290.9	293.2	300.0	311.5	324.5	333.2	342.0	361.9	382.5	403.9	426.8
147.5°	300.8	302.3	309.2	319.1	332.1	339.8	347.4	365.7	384.8	403.9	424.5
150°	310.7	311.5	317.6	327.5	338.2	345.0	351.9	369.5	385.5	403.9	421.4
152.5°	320.6	320.6	326.8	335.2	344.3	350.8	357.3	371.8	387.1	401.6	417.6
155°	330.6	330.6	335.2	342.8	351.2	356.5	361.9	374.9	387.1	400.0	413.0
157.5°	338.2	339.0	342.8	349.7	357.3	361.5	365.7	376.4	387.8	397.8	409.2
160°	347.4	347.4	350.4	356.5	361.9	365.7	369.5	378.7	387.8	396.2	404.6
162.5°	354.2	354.2	356.5	361.1	365.7	368.8	371.8	379.4	387.1	393.2	400.0
165°	361.1	360.3	361.9	365.7	368.7	371.4	374.1	380.2	385.5	390.1	395.5
167.5°	366.5	365.7	366.5	369.5	371.8	373.7	375.6	380.2	384.8	387.1	390.9
170°	371.0	369.5	370.3	372.6	374.1	374.8	375.6	379.4	382.5	384.0	386.3
172.5°	374.1	373.3	373.3	374.9	375.6	376.0	376.4	379.4	381.7	381.7	382.5
175°	376.4	375.6	374.9	376.4	376.4	376.8	377.1	378.7	380.2	379.4	379.4
177.5°	377.9	377.1	376.4	377.1	377.1	377.1	377.1	377.9	379.4	377.9	377.1
180°	377.1	377.1	377.1	377.1	377.1	377.1	377.1	377.1	377.1	377.1	377.1

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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°	18.3	19.1	19.8	20.6	21.4	22.1	21.4	22.1	22.9	22.1	22.9
92.5°	106.1	75.6	58.8	51.2	48.5	45.8	44.3	41.2	42.0	40.5	42.0
95°	367.2	274.8	186.3	145.8	132.0	118.3	103.8	97.0	91.6	88.6	91.6
97.5°	719.9	631.4	476.4	375.6	332.1	288.6	237.4	208.4	190.1	181.7	190.1
100°	873.4	900.1	838.3	748.9	694.7	640.5	563.4	507.7	477.9	478.7	477.9
102.5°	881.0	989.4	1002.4	959.7	930.3	900.9	845.1	803.9	780.2	758.1	780.2
105°	832.9	992.5	1068.8	1083.3	1073.4	1063.5	1028.4	999.4	974.9	971.1	974.9
107.5°	764.2	946.7	1066.5	1126.1	1136.4	1146.7	1142.1	1128.4	1118.5	1110.1	1118.5
110°	700.1	874.9	1015.4	1111.6	1138.3	1165.0	1186.4	1192.5	1191.0	1189.5	1191.0

TEST NUMBER: P1012386

CATALOG NUMBER: S123RDIP-B1165D805UB30-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	644.4	803.9	948.2	1058.9	1095.2	1131.4	1174.9	1197.1	1204.7	1205.5	1204.7
115°	601.6	742.8	875.7	987.9	1029.5	1071.1	1128.4	1162.0	1177.2	1181.1	1177.2
117.5°	573.3	695.5	813.1	916.1	959.2	1002.4	1062.0	1099.4	1122.3	1127.6	1122.3
120°	552.0	659.6	762.7	854.3	892.8	931.4	991.7	1034.5	1052.8	1057.4	1052.8
122.5°	534.4	631.4	722.2	805.4	840.6	875.7	927.6	965.0	985.6	991.7	985.6
125°	519.9	606.9	690.2	763.4	794.0	824.5	873.4	907.0	926.1	931.4	926.1
127.5°	506.2	584.8	660.4	727.6	755.8	784.1	828.3	857.4	874.9	879.5	874.9
130°	495.5	564.2	632.9	694.7	720.7	746.7	787.1	814.6	830.6	836.7	830.6
132.5°	485.6	545.1	606.9	663.4	687.8	712.3	749.7	777.2	790.9	794.7	790.9
135°	477.2	528.3	582.5	632.1	653.9	675.7	713.1	736.0	749.7	755.1	749.7
137.5°	469.5	512.3	558.1	602.4	621.8	641.3	673.4	697.0	708.5	713.1	708.5
140°	462.6	498.5	537.5	574.1	590.5	606.9	636.0	657.3	669.5	668.8	669.5
142.5°	456.5	485.6	517.6	548.2	561.9	575.6	599.3	617.6	628.3	627.6	628.3
145°	451.2	475.6	500.8	525.3	536.3	547.4	566.5	582.5	588.6	590.1	588.6
147.5°	445.9	467.2	487.8	508.5	516.5	524.5	539.8	551.2	557.3	558.1	557.3
150°	440.5	458.1	475.6	491.7	499.0	506.2	517.6	526.0	530.6	530.6	530.6
152.5°	434.4	449.7	464.2	477.9	483.6	489.4	497.8	505.4	507.7	507.7	507.7
155°	428.3	441.3	453.5	464.9	469.5	474.1	481.0	487.1	488.6	489.4	488.6
157.5°	421.4	432.1	442.8	452.0	455.8	459.6	465.7	470.3	471.8	471.8	471.8
160°	414.6	424.5	432.9	440.5	443.2	445.9	451.2	455.8	455.8	455.0	455.8
162.5°	407.7	415.3	422.2	429.1	431.4	433.6	436.7	440.5	440.5	439.7	440.5
165°	401.6	407.7	412.3	417.6	419.5	421.4	424.5	427.5	426.8	426.8	426.8
167.5°	395.5	400.8	404.6	407.7	409.2	410.7	412.3	414.6	413.8	413.8	413.8
170°	390.1	393.9	396.2	399.3	400.0	400.8	401.6	403.1	402.3	402.3	402.3
172.5°	384.8	387.8	389.4	391.6	392.0	392.4	392.4	393.9	392.4	391.6	392.4
175°	381.0	382.5	383.3	384.8	384.8	384.8	384.8	385.5	384.8	384.0	384.8
177.5°	377.9	378.7	379.4	380.2	380.2	380.2	379.4	380.2	378.7	378.7	378.7
180°	377.1	377.1	377.1	377.1	377.1	377.1	377.1	377.1	377.1	377.1	377.1

TEST NUMBER: P1012386

CATALOG NUMBER: S123RDIP-B1165D805UB30-4F0-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°	22.1	21.4	22.1	21.4	20.6	19.8	19.1	18.3	19.1	16.8	14.5
92.5°	41.2	44.3	45.8	48.5	51.2	58.8	75.6	106.1	142.0	157.3	117.6
95°	97.0	103.8	118.3	132.0	145.8	186.3	274.8	367.2	452.7	403.1	277.9
97.5°	208.4	237.4	288.6	332.1	375.6	476.4	631.4	719.9	696.3	519.9	309.2
100°	507.7	563.4	640.5	694.7	748.9	838.3	900.1	873.4	723.0	488.6	287.8
102.5°	803.9	845.1	900.9	930.3	959.7	1002.4	989.4	881.0	673.4	442.8	269.5
105°	999.4	1028.4	1063.5	1073.4	1083.3	1068.8	992.5	832.9	613.8	406.9	262.6
107.5°	1128.4	1142.1	1146.7	1136.4	1126.1	1066.5	946.7	764.2	561.1	381.0	261.1
110°	1192.5	1186.4	1165.0	1138.3	1111.6	1015.4	874.9	700.1	517.6	367.2	264.9

TEST NUMBER: P1012386

CATALOG NUMBER: S123RDIP-B1165D805UB30-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	1197.1	1174.9	1131.4	1095.2	1058.9	948.2	803.9	644.4	488.6	359.6	272.6
115°	1162.0	1128.4	1071.1	1029.5	987.9	875.7	742.8	601.6	469.5	358.8	280.9
117.5°	1099.4	1062.0	1002.4	959.2	916.1	813.1	695.5	573.3	456.5	359.6	291.6
120°	1034.5	991.7	931.4	892.8	854.3	762.7	659.6	552.0	448.1	362.6	303.9
122.5°	965.0	927.6	875.7	840.6	805.4	722.2	631.4	534.4	442.8	368.0	315.3
125°	907.0	873.4	824.5	794.0	763.4	690.2	606.9	519.9	438.2	373.3	327.5
127.5°	857.4	828.3	784.1	755.8	727.6	660.4	584.8	506.2	435.9	379.4	337.4
130°	814.6	787.1	746.7	720.7	694.7	632.9	564.2	495.5	433.6	385.5	347.4
132.5°	777.2	749.7	712.3	687.8	663.4	606.9	545.1	485.6	432.9	390.1	356.5
135°	736.0	713.1	675.7	653.9	632.1	582.5	528.3	477.2	432.1	394.7	364.2
137.5°	697.0	673.4	641.3	621.8	602.4	558.1	512.3	469.5	430.6	397.8	370.3
140°	657.3	636.0	606.9	590.5	574.1	537.5	498.5	462.6	429.8	400.8	374.9
142.5°	617.6	599.3	575.6	561.9	548.2	517.6	485.6	456.5	428.3	403.1	379.4
145°	582.5	566.5	547.4	536.3	525.3	500.8	475.6	451.2	426.8	403.9	382.5
147.5°	551.2	539.8	524.5	516.5	508.5	487.8	467.2	445.9	424.5	403.9	384.8
150°	526.0	517.6	506.2	499.0	491.7	475.6	458.1	440.5	421.4	403.9	385.5
152.5°	505.4	497.8	489.4	483.6	477.9	464.2	449.7	434.4	417.6	401.6	387.1
155°	487.1	481.0	474.1	469.5	464.9	453.5	441.3	428.3	413.0	400.0	387.1
157.5°	470.3	465.7	459.6	455.8	452.0	442.8	432.1	421.4	409.2	397.8	387.8
160°	455.8	451.2	445.9	443.2	440.5	432.9	424.5	414.6	404.6	396.2	387.8
162.5°	440.5	436.7	433.6	431.4	429.1	422.2	415.3	407.7	400.0	393.2	387.1
165°	427.5	424.5	421.4	419.5	417.6	412.3	407.7	401.6	395.5	390.1	385.5
167.5°	414.6	412.3	410.7	409.2	407.7	404.6	400.8	395.5	390.9	387.1	384.8
170°	403.1	401.6	400.8	400.0	399.3	396.2	393.9	390.1	386.3	384.0	382.5
172.5°	393.9	392.4	392.4	392.0	391.6	389.4	387.8	384.8	382.5	381.7	381.7
175°	385.5	384.8	384.8	384.8	384.8	383.3	382.5	381.0	379.4	379.4	380.2
177.5°	380.2	379.4	380.2	380.2	380.2	379.4	378.7	377.9	377.1	377.9	379.4
180°	377.1	377.1	377.1	377.1	377.1	377.1	377.1	377.1	377.1	377.1	377.1

TEST NUMBER: P1012386

CATALOG NUMBER: S123RDIP-B1165D805UB30-4F0-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°	12.2	9.9	9.2	8.4	6.9	4.6	3.1	1.5	3.1	4.6	6.9
92.5°	77.1	52.7	45.8	38.9	31.3	24.4	16.8	11.5	16.8	24.4	31.3
95°	164.1	99.2	84.4	69.5	49.6	36.6	28.2	26.0	28.2	36.6	49.6
97.5°	177.1	113.0	96.6	80.2	60.3	48.9	42.0	41.2	42.0	48.9	60.3
100°	174.8	121.4	106.5	91.6	73.3	62.6	57.3	56.5	57.3	62.6	73.3
102.5°	177.9	131.3	118.0	104.6	88.6	78.6	74.1	72.5	74.1	78.6	88.6
105°	184.0	142.8	131.0	119.1	104.6	95.4	90.9	88.6	90.9	95.4	104.6
107.5°	193.9	157.3	146.2	135.1	121.4	112.2	107.6	105.4	107.6	112.2	121.4
110°	206.9	172.5	161.8	151.2	138.2	129.8	126.0	123.7	126.0	129.8	138.2

TEST NUMBER: P1012386

CATALOG NUMBER: S123RDIP-B1165D805UB30-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
112.5°	219.9	188.6	178.3	168.0	155.0	146.6	142.8	140.5	142.8	146.6	155.0
115°	234.4	205.4	195.1	184.8	171.8	164.1	159.6	156.5	159.6	164.1	171.8
117.5°	249.6	220.6	211.1	201.6	187.0	180.2	176.4	172.5	176.4	180.2	187.0
120°	264.2	236.7	227.2	217.6	203.1	195.4	191.6	189.3	191.6	195.4	203.1
122.5°	279.4	252.7	242.4	232.1	218.3	209.9	206.1	203.8	206.1	209.9	218.3
125°	293.9	267.2	256.9	246.6	232.1	223.7	219.1	217.6	219.1	223.7	232.1
127.5°	306.9	280.9	270.6	260.3	244.3	235.9	230.6	228.3	230.6	235.9	244.3
130°	318.4	293.2	282.9	272.6	256.5	247.4	240.5	238.2	240.5	247.4	256.5
132.5°	328.3	303.9	294.0	284.0	268.0	256.5	248.9	245.8	248.9	256.5	268.0
135°	338.2	314.5	304.2	293.9	277.9	266.4	258.0	255.0	258.0	266.4	277.9
137.5°	345.1	322.2	312.6	303.1	287.1	274.8	266.4	263.4	266.4	274.8	287.1
140°	351.9	329.8	320.2	310.7	295.5	283.2	275.6	271.8	275.6	283.2	295.5
142.5°	357.3	335.9	327.2	318.4	303.1	292.4	284.0	280.9	284.0	292.4	303.1
145°	361.9	342.0	333.2	324.5	311.5	300.0	293.2	290.9	293.2	300.0	311.5
147.5°	365.7	347.4	339.8	332.1	319.1	309.2	302.3	300.8	302.3	309.2	319.1
150°	369.5	351.9	345.0	338.2	327.5	317.6	311.5	310.7	311.5	317.6	327.5
152.5°	371.8	357.3	350.8	344.3	335.2	326.8	320.6	320.6	320.6	326.8	335.2
155°	374.9	361.9	356.5	351.2	342.8	335.2	330.6	330.6	330.6	335.2	342.8
157.5°	376.4	365.7	361.5	357.3	349.7	342.8	339.0	338.2	339.0	342.8	349.7
160°	378.7	369.5	365.7	361.9	356.5	350.4	347.4	347.4	347.4	350.4	356.5
162.5°	379.4	371.8	368.8	365.7	361.1	356.5	354.2	354.2	354.2	356.5	361.1
165°	380.2	374.1	371.4	368.7	365.7	361.9	360.3	361.1	360.3	361.9	365.7
167.5°	380.2	375.6	373.7	371.8	369.5	366.5	365.7	366.5	365.7	366.5	369.5
170°	379.4	375.6	374.8	374.1	372.6	370.3	369.5	371.0	369.5	370.3	372.6
172.5°	379.4	376.4	376.0	375.6	374.9	373.3	373.3	374.1	373.3	373.3	374.9
175°	378.7	377.1	376.8	376.4	376.4	374.9	375.6	376.4	375.6	374.9	376.4
177.5°	377.9	377.1	377.1	377.1	377.1	376.4	377.1	377.9	377.1	376.4	377.1
180°	377.1	377.1	377.1	377.1	377.1	377.1	377.1	377.1	377.1	377.1	377.1

TEST NUMBER: P1012386

CATALOG NUMBER: S123RDIP-B1165D805UB30-4F0-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°	8.4	9.2	9.9	12.2	14.5	16.8	19.1	18.3	19.1	19.8	20.6
92.5°	38.9	45.8	52.7	77.1	117.6	157.3	142.0	106.1	75.6	58.8	51.2
95°	69.5	84.4	99.2	164.1	277.9	403.1	452.7	367.2	274.8	186.3	145.8
97.5°	80.2	96.6	113.0	177.1	309.2	519.9	696.3	719.9	631.4	476.4	375.6
100°	91.6	106.5	121.4	174.8	287.8	488.6	723.0	873.4	900.1	838.3	748.9
102.5°	104.6	118.0	131.3	177.9	269.5	442.8	673.4	881.0	989.4	1002.4	959.7
105°	119.1	131.0	142.8	184.0	262.6	406.9	613.8	832.9	992.5	1068.8	1083.3
107.5°	135.1	146.2	157.3	193.9	261.1	381.0	561.1	764.2	946.7	1066.5	1126.1
110°	151.2	161.8	172.5	206.9	264.9	367.2	517.6	700.1	874.9	1015.4	1111.6

TEST NUMBER: P1012386

CATALOG NUMBER: S123RDIP-B1165D805UB30-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
112.5°	168.0	178.3	188.6	219.9	272.6	359.6	488.6	644.4	803.9	948.2	1058.9
115°	184.8	195.1	205.4	234.4	280.9	358.8	469.5	601.6	742.8	875.7	987.9
117.5°	201.6	211.1	220.6	249.6	291.6	359.6	456.5	573.3	695.5	813.1	916.1
120°	217.6	227.2	236.7	264.2	303.9	362.6	448.1	552.0	659.6	762.7	854.3
122.5°	232.1	242.4	252.7	279.4	315.3	368.0	442.8	534.4	631.4	722.2	805.4
125°	246.6	256.9	267.2	293.9	327.5	373.3	438.2	519.9	606.9	690.2	763.4
127.5°	260.3	270.6	280.9	306.9	337.4	379.4	435.9	506.2	584.8	660.4	727.6
130°	272.6	282.9	293.2	318.4	347.4	385.5	433.6	495.5	564.2	632.9	694.7
132.5°	284.0	294.0	303.9	328.3	356.5	390.1	432.9	485.6	545.1	606.9	663.4
135°	293.9	304.2	314.5	338.2	364.2	394.7	432.1	477.2	528.3	582.5	632.1
137.5°	303.1	312.6	322.2	345.1	370.3	397.8	430.6	469.5	512.3	558.1	602.4
140°	310.7	320.2	329.8	351.9	374.9	400.8	429.8	462.6	498.5	537.5	574.1
142.5°	318.4	327.2	335.9	357.3	379.4	403.1	428.3	456.5	485.6	517.6	548.2
145°	324.5	333.2	342.0	361.9	382.5	403.9	426.8	451.2	475.6	500.8	525.3
147.5°	332.1	339.8	347.4	365.7	384.8	403.9	424.5	445.9	467.2	487.8	508.5
150°	338.2	345.0	351.9	369.5	385.5	403.9	421.4	440.5	458.1	475.6	491.7
152.5°	344.3	350.8	357.3	371.8	387.1	401.6	417.6	434.4	449.7	464.2	477.9
155°	351.2	356.5	361.9	374.9	387.1	400.0	413.0	428.3	441.3	453.5	464.9
157.5°	357.3	361.5	365.7	376.4	387.8	397.8	409.2	421.4	432.1	442.8	452.0
160°	361.9	365.7	369.5	378.7	387.8	396.2	404.6	414.6	424.5	432.9	440.5
162.5°	365.7	368.8	371.8	379.4	387.1	393.2	400.0	407.7	415.3	422.2	429.1
165°	368.7	371.4	374.1	380.2	385.5	390.1	395.5	401.6	407.7	412.3	417.6
167.5°	371.8	373.7	375.6	380.2	384.8	387.1	390.9	395.5	400.8	404.6	407.7
170°	374.1	374.8	375.6	379.4	382.5	384.0	386.3	390.1	393.9	396.2	399.3
172.5°	375.6	376.0	376.4	379.4	381.7	381.7	382.5	384.8	387.8	389.4	391.6
175°	376.4	376.8	377.1	378.7	380.2	379.4	379.4	381.0	382.5	383.3	384.8
177.5°	377.1	377.1	377.1	377.9	379.4	377.9	377.1	377.9	378.7	379.4	380.2
180°	377.1	377.1	377.1	377.1	377.1	377.1	377.1	377.1	377.1	377.1	377.1

TEST NUMBER: P1012386

CATALOG NUMBER: S123RDIP-B1165D805UB30-4F0-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°	21.4	22.1	21.4	22.1	22.9	22.1	22.9	22.1	21.4	22.1	21.4
92.5°	48.5	45.8	44.3	41.2	42.0	40.5	42.0	41.2	44.3	45.8	48.5
95°	132.0	118.3	103.8	97.0	91.6	88.6	91.6	97.0	103.8	118.3	132.0
97.5°	332.1	288.6	237.4	208.4	190.1	181.7	190.1	208.4	237.4	288.6	332.1
100°	694.7	640.5	563.4	507.7	477.9	478.7	477.9	507.7	563.4	640.5	694.7
102.5°	930.3	900.9	845.1	803.9	780.2	758.1	780.2	803.9	845.1	900.9	930.3
105°	1073.4	1063.5	1028.4	999.4	974.9	971.1	974.9	999.4	1028.4	1063.5	1073.4
107.5°	1136.4	1146.7	1142.1	1128.4	1118.5	1110.1	1118.5	1128.4	1142.1	1146.7	1136.4
110°	1138.3	1165.0	1186.4	1192.5	1191.0	1189.5	1191.0	1192.5	1186.4	1165.0	1138.3

TEST NUMBER: P1012386

CATALOG NUMBER: S123RDIP-B1165D805UB30-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
112.5°	1095.2	1131.4	1174.9	1197.1	1204.7	1205.5	1204.7	1197.1	1174.9	1131.4	1095.2
115°	1029.5	1071.1	1128.4	1162.0	1177.2	1181.1	1177.2	1162.0	1128.4	1071.1	1029.5
117.5°	959.2	1002.4	1062.0	1099.4	1122.3	1127.6	1122.3	1099.4	1062.0	1002.4	959.2
120°	892.8	931.4	991.7	1034.5	1052.8	1057.4	1052.8	1034.5	991.7	931.4	892.8
122.5°	840.6	875.7	927.6	965.0	985.6	991.7	985.6	965.0	927.6	875.7	840.6
125°	794.0	824.5	873.4	907.0	926.1	931.4	926.1	907.0	873.4	824.5	794.0
127.5°	755.8	784.1	828.3	857.4	874.9	879.5	874.9	857.4	828.3	784.1	755.8
130°	720.7	746.7	787.1	814.6	830.6	836.7	830.6	814.6	787.1	746.7	720.7
132.5°	687.8	712.3	749.7	777.2	790.9	794.7	790.9	777.2	749.7	712.3	687.8
135°	653.9	675.7	713.1	736.0	749.7	755.1	749.7	736.0	713.1	675.7	653.9
137.5°	621.8	641.3	673.4	697.0	708.5	713.1	708.5	697.0	673.4	641.3	621.8
140°	590.5	606.9	636.0	657.3	669.5	668.8	669.5	657.3	636.0	606.9	590.5
142.5°	561.9	575.6	599.3	617.6	628.3	627.6	628.3	617.6	599.3	575.6	561.9
145°	536.3	547.4	566.5	582.5	588.6	590.1	588.6	582.5	566.5	547.4	536.3
147.5°	516.5	524.5	539.8	551.2	557.3	558.1	557.3	551.2	539.8	524.5	516.5
150°	499.0	506.2	517.6	526.0	530.6	530.6	530.6	526.0	517.6	506.2	499.0
152.5°	483.6	489.4	497.8	505.4	507.7	507.7	507.7	505.4	497.8	489.4	483.6
155°	469.5	474.1	481.0	487.1	488.6	489.4	488.6	487.1	481.0	474.1	469.5
157.5°	455.8	459.6	465.7	470.3	471.8	471.8	471.8	470.3	465.7	459.6	455.8
160°	443.2	445.9	451.2	455.8	455.8	455.0	455.8	455.8	451.2	445.9	443.2
162.5°	431.4	433.6	436.7	440.5	440.5	439.7	440.5	440.5	436.7	433.6	431.4
165°	419.5	421.4	424.5	427.5	426.8	426.8	426.8	427.5	424.5	421.4	419.5
167.5°	409.2	410.7	412.3	414.6	413.8	413.8	413.8	414.6	412.3	410.7	409.2
170°	400.0	400.8	401.6	403.1	402.3	402.3	402.3	403.1	401.6	400.8	400.0
172.5°	392.0	392.4	392.4	393.9	392.4	391.6	392.4	393.9	392.4	392.4	392.0
175°	384.8	384.8	384.8	385.5	384.8	384.0	384.8	385.5	384.8	384.8	384.8
177.5°	380.2	380.2	379.4	380.2	378.7	378.7	378.7	380.2	379.4	380.2	380.2
180°	377.1	377.1	377.1	377.1	377.1	377.1	377.1	377.1	377.1	377.1	377.1

TEST NUMBER: P1012386

CATALOG NUMBER: S123RDIP-B1165D805UB30-4F0-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°	20.6	19.8	19.1	18.3	19.1	16.8	14.5	12.2	9.9	9.2	8.4
92.5°	51.2	58.8	75.6	106.1	142.0	157.3	117.6	77.1	52.7	45.8	38.9
95°	145.8	186.3	274.8	367.2	452.7	403.1	277.9	164.1	99.2	84.4	69.5
97.5°	375.6	476.4	631.4	719.9	696.3	519.9	309.2	177.1	113.0	96.6	80.2
100°	748.9	838.3	900.1	873.4	723.0	488.6	287.8	174.8	121.4	106.5	91.6
102.5°	959.7	1002.4	989.4	881.0	673.4	442.8	269.5	177.9	131.3	118.0	104.6
105°	1083.3	1068.8	992.5	832.9	613.8	406.9	262.6	184.0	142.8	131.0	119.1
107.5°	1126.1	1066.5	946.7	764.2	561.1	381.0	261.1	193.9	157.3	146.2	135.1
110°	1111.6	1015.4	874.9	700.1	517.6	367.2	264.9	206.9	172.5	161.8	151.2

TEST NUMBER: P1012386

CATALOG NUMBER: S123RDIP-B1165D805UB30-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
112.5°	1058.9	948.2	803.9	644.4	488.6	359.6	272.6	219.9	188.6	178.3	168.0
115°	987.9	875.7	742.8	601.6	469.5	358.8	280.9	234.4	205.4	195.1	184.8
117.5°	916.1	813.1	695.5	573.3	456.5	359.6	291.6	249.6	220.6	211.1	201.6
120°	854.3	762.7	659.6	552.0	448.1	362.6	303.9	264.2	236.7	227.2	217.6
122.5°	805.4	722.2	631.4	534.4	442.8	368.0	315.3	279.4	252.7	242.4	232.1
125°	763.4	690.2	606.9	519.9	438.2	373.3	327.5	293.9	267.2	256.9	246.6
127.5°	727.6	660.4	584.8	506.2	435.9	379.4	337.4	306.9	280.9	270.6	260.3
130°	694.7	632.9	564.2	495.5	433.6	385.5	347.4	318.4	293.2	282.9	272.6
132.5°	663.4	606.9	545.1	485.6	432.9	390.1	356.5	328.3	303.9	294.0	284.0
135°	632.1	582.5	528.3	477.2	432.1	394.7	364.2	338.2	314.5	304.2	293.9
137.5°	602.4	558.1	512.3	469.5	430.6	397.8	370.3	345.1	322.2	312.6	303.1
140°	574.1	537.5	498.5	462.6	429.8	400.8	374.9	351.9	329.8	320.2	310.7
142.5°	548.2	517.6	485.6	456.5	428.3	403.1	379.4	357.3	335.9	327.2	318.4
145°	525.3	500.8	475.6	451.2	426.8	403.9	382.5	361.9	342.0	333.2	324.5
147.5°	508.5	487.8	467.2	445.9	424.5	403.9	384.8	365.7	347.4	339.8	332.1
150°	491.7	475.6	458.1	440.5	421.4	403.9	385.5	369.5	351.9	345.0	338.2
152.5°	477.9	464.2	449.7	434.4	417.6	401.6	387.1	371.8	357.3	350.8	344.3
155°	464.9	453.5	441.3	428.3	413.0	400.0	387.1	374.9	361.9	356.5	351.2
157.5°	452.0	442.8	432.1	421.4	409.2	397.8	387.8	376.4	365.7	361.5	357.3
160°	440.5	432.9	424.5	414.6	404.6	396.2	387.8	378.7	369.5	365.7	361.9
162.5°	429.1	422.2	415.3	407.7	400.0	393.2	387.1	379.4	371.8	368.8	365.7
165°	417.6	412.3	407.7	401.6	395.5	390.1	385.5	380.2	374.1	371.4	368.7
167.5°	407.7	404.6	400.8	395.5	390.9	387.1	384.8	380.2	375.6	373.7	371.8
170°	399.3	396.2	393.9	390.1	386.3	384.0	382.5	379.4	375.6	374.8	374.1
172.5°	391.6	389.4	387.8	384.8	382.5	381.7	381.7	379.4	376.4	376.0	375.6
175°	384.8	383.3	382.5	381.0	379.4	379.4	380.2	378.7	377.1	376.8	376.4
177.5°	380.2	379.4	378.7	377.9	377.1	377.9	379.4	377.9	377.1	377.1	377.1
180°	377.1	377.1	377.1	377.1	377.1	377.1	377.1	377.1	377.1	377.1	377.1

TEST NUMBER: P1012386

CATALOG NUMBER: S123RDIP-B1165D805UB30-4F0-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°	6.9	4.6	3.1	1.5
92.5°	31.3	24.4	16.8	11.5
95°	49.6	36.6	28.2	26.0
97.5°	60.3	48.9	42.0	41.2
100°	73.3	62.6	57.3	56.5
102.5°	88.6	78.6	74.1	72.5
105°	104.6	95.4	90.9	88.6
107.5°	121.4	112.2	107.6	105.4
110°	138.2	129.8	126.0	123.7

TEST NUMBER: P1012386

CATALOG NUMBER: S123RDIP-B1165D805UB30-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
112.5°	155.0	146.6	142.8	140.5
115°	171.8	164.1	159.6	156.5
117.5°	187.0	180.2	176.4	172.5
120°	203.1	195.4	191.6	189.3
122.5°	218.3	209.9	206.1	203.8
125°	232.1	223.7	219.1	217.6
127.5°	244.3	235.9	230.6	228.3
130°	256.5	247.4	240.5	238.2
132.5°	268.0	256.5	248.9	245.8
135°	277.9	266.4	258.0	255.0
137.5°	287.1	274.8	266.4	263.4
140°	295.5	283.2	275.6	271.8
142.5°	303.1	292.4	284.0	280.9
145°	311.5	300.0	293.2	290.9
147.5°	319.1	309.2	302.3	300.8
150°	327.5	317.6	311.5	310.7
152.5°	335.2	326.8	320.6	320.6
155°	342.8	335.2	330.6	330.6
157.5°	349.7	342.8	339.0	338.2
160°	356.5	350.4	347.4	347.4
162.5°	361.1	356.5	354.2	354.2
165°	365.7	361.9	360.3	361.1
167.5°	369.5	366.5	365.7	366.5
170°	372.6	370.3	369.5	371.0
172.5°	374.9	373.3	373.3	374.1
175°	376.4	374.9	375.6	376.4
177.5°	377.1	376.4	377.1	377.9
180°	377.1	377.1	377.1	377.1

(END OF REPORT)