

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: P1012718

Luminaire Tested: S123RDIP-B775D1025UB40-4F0-XX-W2A-A4

Issue Date: 5/6/2025

Test Information

Test Method: LM-79-2019
Report Number: P1012718
REPORT IS A COMBINATION OF REPORTS P993549 AND P1007351
Test Lab: INNOVATION CENTER
Issue Date: 5/6/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: NEO-RAY
Catalog Number: S123RDIP-B775D1025UB40-4F0-XX-W2A-A4
Description: Define 3 Regressed Direct/Indirect Pendant with 4000K BioUP LEDs {m-DER=0.865}
{m-EER=0.951}
Light Source: -
Ballast/Driver: -

Summary

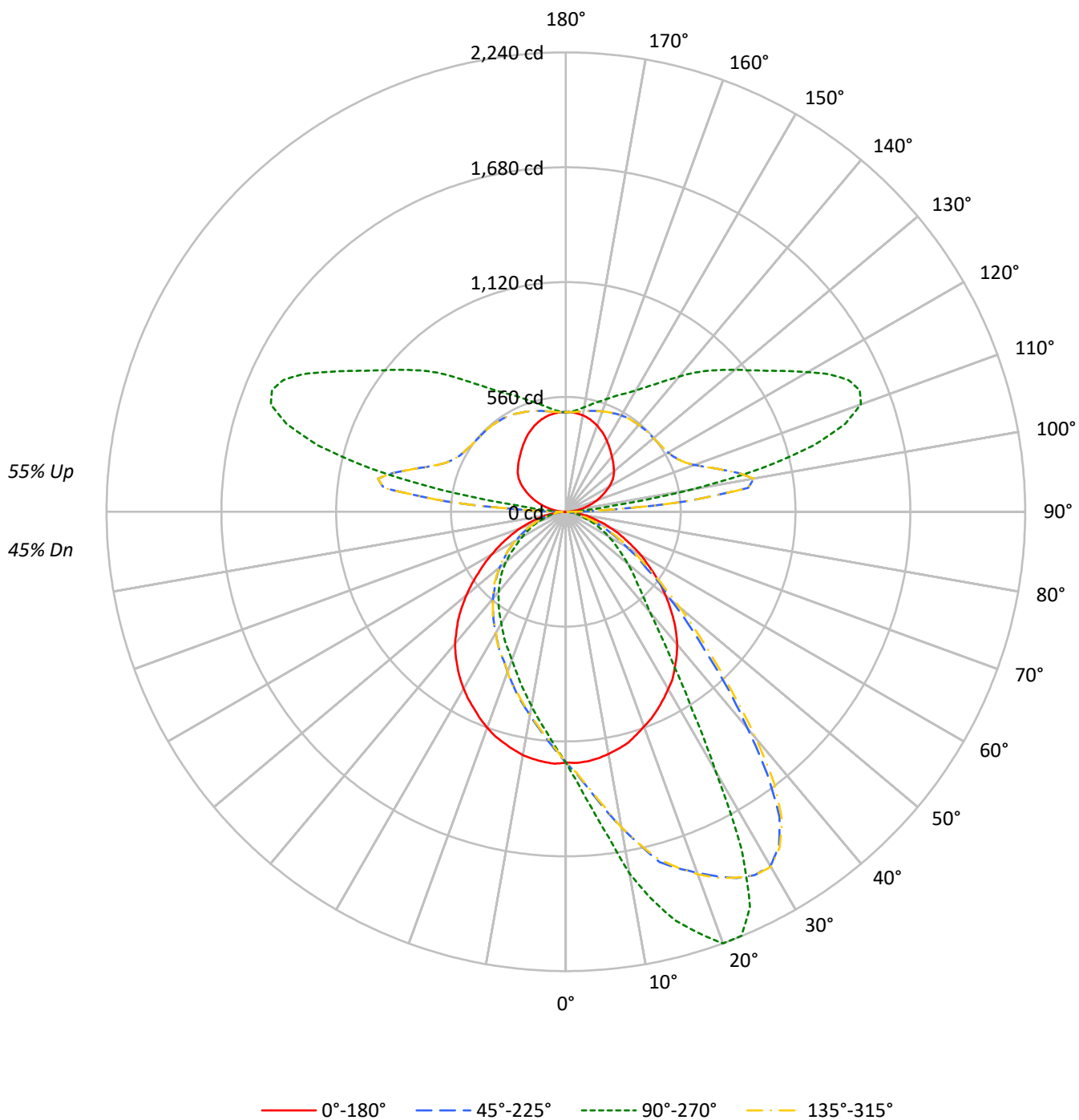
Lumens per Lamp: N/A
Luminaire Lumens: 6698.0 lumens
Efficiency: N/A
Efficacy: 104.0 lumens/watt
Spacing Criteria (0/90/45): 1.22 / 1.2 / 1.34
Luminous Opening: Rectangular w/ Sides (W: 0.25' x L: 4' x H: 0.1')
CIE Type: General Diffuse

Input Watts (W): 64.4
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
RC	80				70				50				30				10
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10
RCR																	
0	106	106	106	106	97	97	97	97	81	81	81	66	66	66	52	52	52
1	97	93	90	86	89	86	83	80	72	69	67	59	57	56	47	46	45
2	89	82	76	71	81	76	71	66	63	60	57	52	50	47	42	40	39
3	82	73	66	60	75	67	61	56	56	52	48	47	43	41	38	35	33
4	75	65	57	51	68	60	53	48	50	45	42	42	38	35	34	31	29
5	69	58	50	44	63	53	47	41	45	40	36	38	34	31	31	28	26
6	64	52	44	38	58	48	41	36	41	36	32	34	30	27	28	25	23
7	59	47	39	34	54	44	37	32	37	32	28	31	27	24	26	23	21
8	55	43	35	30	50	40	33	28	34	29	25	29	25	22	24	21	19
9	51	39	32	27	47	36	30	25	31	26	23	26	22	20	22	19	17
10	48	36	29	24	44	33	27	23	29	24	20	24	21	18	20	17	15

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	13159	13159	13159	13159
5°	13168	15155	13203	11244
10°	13052	18294	13110	9821
15°	12918	20763	12918	8659
20°	12653	22396	12724	7681
25°	12459	21277	12435	7009
30°	12234	14742	12208	6351
35°	11962	9466	11908	5855
40°	11624	6684	11566	5362
45°	11036	5349	11021	4882
50°	10314	4475	10280	4321
55°	9502	3688	9426	3663
60°	8704	3048	8617	3114
65°	7767	2439	7818	2640
70°	6903	1694	7088	2134
75°	5854	1258	6090	1642
80°	4658	834	5054	1231
85°	3314	395	3621	765

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 30°

Vertical Angle: 45°

Luminance: 17567 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	120.1	1.8
10°-20°	375.8	5.6
20°-30°	591.9	8.8
30°-40°	615.5	9.2
40°-50°	526.5	7.9
50°-60°	401.4	6.0
60°-70°	257.2	3.8
70°-80°	123.2	1.8
80°-90°	35.1	0.5
90°-100°	263.4	3.9
100°-110°	771.2	11.5
110°-120°	753.1	11.2
120°-130°	599.7	9.0
130°-140°	473.2	7.1
140°-150°	353.0	5.3
150°-160°	246.1	3.7
160°-170°	144.6	2.2
170°-180°	47.0	0.7
0°-30°	1087.7	16.2
0°-40°	1703.2	25.4
0°-60°	2631.2	39.3
0°-90°	3046.7	45.5
90°-120°	1787.6	26.7
90°-150°	3213.6	48.0
90°-180°	3651.0	54.5
0°-180°	6698.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1222	1222	1222	1222	1222	
5°	1221	1452	1225	1077	1221	116
15°	1167	2063	1167	860	1167	328
25°	1061	2126	1059	700	1061	489
35°	926	922	922	570	926	580
45°	743	492	742	449	743	572
55°	524	309	520	307	524	470
65°	321	178	323	193	321	321
75°	154	75	160	98	154	166
85°	34	18	38	34	34	39
90°	2	28	2	28	2	4
95°	33	114	33	114	33	35
105°	114	1250	114	1250	114	121
115°	201	1520	201	1520	201	199
125°	280	1199	280	1199	280	249
135°	328	972	328	972	328	254
145°	374	760	374	760	374	235
155°	426	630	426	630	426	196
165°	465	549	465	549	465	131
175°	484	494	484	494	484	46
180°	485	485	485	485	485	

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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	1222.5	1222.5	1222.5	1222.5	1222.5	1222.5	1222.5	1222.5	1222.5	1222.5	1222.5
2.5°	1225.6	1234.0	1240.3	1244.4	1254.9	1261.2	1266.4	1275.8	1275.8	1277.9	1282.1
5°	1221.4	1239.2	1251.8	1268.5	1290.5	1301.0	1315.6	1328.2	1346.0	1355.4	1364.8
7.5°	1212.0	1237.1	1263.3	1288.4	1320.8	1341.8	1356.4	1388.9	1411.9	1440.2	1462.1
10°	1199.4	1234.0	1267.5	1306.2	1350.2	1381.6	1403.5	1446.4	1490.4	1530.2	1563.7
12.5°	1183.7	1225.6	1273.7	1320.8	1382.6	1414.0	1449.6	1503.0	1565.8	1616.0	1661.0
15°	1167.0	1215.1	1269.6	1327.1	1404.6	1448.5	1499.8	1564.7	1634.8	1707.1	1768.8
17.5°	1140.8	1201.5	1262.2	1346.0	1437.0	1463.2	1507.1	1596.1	1683.0	1747.9	1823.2
20°	1114.7	1182.7	1259.1	1334.5	1432.8	1493.5	1534.4	1628.6	1721.7	1800.2	1872.4
22.5°	1090.6	1161.8	1241.3	1336.5	1428.6	1489.4	1540.6	1639.0	1746.8	1834.7	1923.7
25°	1061.3	1138.7	1226.6	1316.7	1428.6	1474.7	1531.2	1645.3	1759.4	1860.9	1970.8
27.5°	1029.9	1108.4	1195.3	1287.4	1389.9	1458.0	1513.4	1635.9	1775.1	1883.9	1997.0
30°	998.5	1079.1	1162.8	1245.5	1360.6	1425.5	1489.4	1624.4	1783.5	1908.0	1994.9
32.5°	968.1	1036.2	1118.8	1199.4	1313.5	1384.7	1456.9	1612.9	1786.6	1891.3	1933.1
35°	926.3	997.4	1064.4	1150.2	1265.4	1335.5	1420.3	1611.8	1773.0	1837.9	1816.9
37.5°	887.5	947.2	1011.0	1087.4	1205.7	1296.8	1384.7	1584.6	1728.0	1732.2	1613.9
40°	844.6	893.8	947.2	1027.8	1155.5	1245.5	1340.7	1542.7	1646.3	1584.6	1376.3
42.5°	795.4	839.4	881.3	959.8	1099.0	1199.4	1302.0	1490.4	1528.1	1385.7	1169.1
45°	743.1	778.7	817.4	900.1	1039.3	1138.7	1241.3	1409.8	1371.1	1170.1	963.9
47.5°	688.7	719.0	756.7	832.1	975.5	1077.0	1174.3	1294.7	1196.3	980.7	808.0
50°	634.3	658.3	695.0	772.4	910.6	1002.7	1092.7	1171.2	1033.0	841.5	667.7
52.5°	580.9	599.7	637.4	703.3	837.3	925.2	990.1	1020.5	880.2	695.0	579.8
55°	524.4	545.3	570.4	637.4	770.3	835.2	878.1	877.1	732.6	589.3	479.4
57.5°	469.9	488.8	510.8	577.7	685.5	729.5	766.1	748.3	611.2	482.5	411.3
60°	421.8	432.3	456.3	512.8	594.5	632.2	653.1	622.7	499.2	407.1	340.2
62.5°	369.5	379.9	399.8	453.2	503.4	523.3	541.1	502.4	412.4	331.8	291.0
65°	321.3	334.9	347.5	390.4	417.6	441.7	439.6	407.1	322.4	270.0	236.5
67.5°	279.4	284.7	295.1	321.3	333.9	351.7	352.7	316.1	259.6	219.8	199.9
70°	234.4	239.7	247.0	259.6	267.9	272.1	270.0	237.6	195.7	171.6	153.9
72.5°	195.7	194.7	199.9	199.9	208.3	207.2	201.0	175.8	148.6	128.7	118.3
75°	153.9	154.9	155.9	153.9	150.7	146.5	141.3	122.5	104.7	95.2	85.8
77.5°	120.4	118.3	119.3	112.0	107.8	103.6	96.3	86.9	72.2	70.1	65.9
80°	85.8	84.8	83.7	80.6	71.2	67.0	61.8	56.5	53.4	51.3	50.2
82.5°	57.6	57.6	55.5	49.2	44.0	40.8	39.8	37.7	34.5	34.5	33.5
85°	34.5	33.5	31.4	25.1	22.0	22.0	22.0	22.0	19.9	19.9	18.8
87.5°	13.6	12.6	9.4	9.4	8.4	8.4	8.4	7.3	7.3	6.3	6.3
90°	2.0	3.9	5.9	8.8	10.8	11.8	12.8	15.7	18.7	21.6	24.6
92.5°	14.7	21.6	31.4	40.3	50.1	59.0	67.8	99.2	151.3	202.4	182.8
95°	33.4	36.4	47.2	63.9	89.4	108.6	127.7	211.3	357.7	518.8	582.7
97.5°	53.1	54.0	62.9	77.6	103.2	124.3	145.4	228.0	398.0	669.2	896.1
100°	72.7	73.7	80.6	94.3	117.9	137.0	156.2	225.0	370.4	628.9	930.5
102.5°	93.3	95.3	101.2	114.0	134.6	151.8	169.0	228.9	346.9	569.9	866.7
105°	114.0	116.9	122.8	134.6	153.3	168.5	183.7	236.8	338.0	523.7	790.0
107.5°	135.6	138.5	144.4	156.2	173.9	188.2	202.4	249.6	336.1	490.3	722.2
110°	159.2	162.1	167.0	177.9	194.6	208.4	222.1	266.3	341.0	472.6	666.2

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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	180.8	183.7	188.7	199.5	216.2	229.4	242.7	283.0	350.8	462.8	628.9
115°	201.4	205.4	211.3	221.1	237.8	251.0	264.3	301.7	361.6	461.8	604.3
117.5°	222.1	227.0	231.9	240.7	259.4	271.7	284.0	321.3	375.4	462.8	587.6
120°	243.7	246.6	251.5	261.4	280.0	292.3	304.6	340.0	391.1	466.7	576.8
122.5°	262.4	265.3	270.2	281.0	298.7	312.0	325.2	359.6	405.8	473.6	569.9
125°	280.0	282.0	287.9	298.7	317.4	330.6	343.9	378.3	421.5	480.5	564.0
127.5°	293.8	296.7	303.6	314.4	335.1	348.4	361.6	395.0	434.3	488.4	561.1
130°	306.6	309.5	318.4	330.2	350.8	364.0	377.3	409.7	447.1	496.2	558.1
132.5°	316.4	320.3	330.2	344.9	365.5	378.3	391.1	422.5	458.9	502.1	557.1
135°	328.2	332.1	342.9	357.7	378.3	391.6	404.8	435.3	468.7	508.0	556.2
137.5°	339.0	342.9	353.7	369.5	390.1	402.4	414.7	444.1	476.6	511.9	554.2
140°	349.8	354.7	364.5	380.3	399.9	412.2	424.5	453.0	482.5	515.9	553.2
142.5°	361.6	365.5	376.3	390.1	409.7	421.0	432.4	459.9	488.4	518.8	551.2
145°	374.4	377.3	386.2	400.9	417.6	428.9	440.2	465.8	492.3	519.8	549.3
147.5°	387.1	389.1	398.0	410.7	427.4	437.2	447.1	470.7	495.2	519.8	546.3
150°	399.9	400.9	408.8	421.5	435.3	444.2	453.0	475.6	496.2	519.8	542.4
152.5°	412.7	412.7	420.6	431.4	443.2	451.6	459.9	478.5	498.2	516.9	537.5
155°	425.5	425.5	431.4	441.2	452.0	458.9	465.8	482.5	498.2	514.9	531.6
157.5°	435.3	436.3	441.2	450.0	459.9	465.3	470.7	484.4	499.2	511.9	526.7
160°	447.1	447.1	451.0	458.9	465.8	470.7	475.6	487.4	499.2	510.0	520.8
162.5°	455.9	455.9	458.9	464.8	470.7	474.6	478.5	488.4	498.2	506.0	514.9
165°	464.8	463.8	465.8	470.7	474.6	478.0	481.5	489.3	496.2	502.1	509.0
167.5°	471.7	470.7	471.7	475.6	478.5	481.0	483.4	489.3	495.2	498.2	503.1
170°	477.6	475.6	476.6	479.5	481.5	482.4	483.4	488.4	492.3	494.3	497.2
172.5°	481.5	480.5	480.5	482.5	483.4	483.9	484.4	488.4	491.3	491.3	492.3
175°	484.4	483.4	482.5	484.4	484.4	484.9	485.4	487.4	489.3	488.4	488.4
177.5°	486.4	485.4	484.4	485.4	485.4	485.4	485.4	486.4	488.4	486.4	485.4
180°	485.4	485.4	485.4	485.4	485.4	485.4	485.4	485.4	485.4	485.4	485.4

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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	1222.5	1222.5	1222.5	1222.5	1222.5	1222.5	1222.5	1222.5	1222.5	1222.5	1222.5
2.5°	1290.5	1290.5	1299.9	1309.3	1304.1	1307.2	1318.8	1314.6	1322.9	1321.9	1325.0
5°	1387.8	1399.3	1408.8	1428.6	1431.8	1428.6	1448.5	1453.8	1463.2	1451.7	1456.9
7.5°	1497.7	1521.8	1544.8	1574.1	1583.5	1585.6	1596.1	1610.8	1623.3	1600.3	1611.8
10°	1604.5	1641.1	1688.2	1714.4	1737.4	1745.8	1754.2	1763.6	1778.2	1791.8	1781.4
12.5°	1719.6	1773.0	1818.0	1865.1	1893.4	1890.2	1914.3	1920.6	1932.1	1935.2	1939.4
15°	1813.8	1889.2	1917.4	1987.5	1993.8	2014.8	2042.0	2066.0	2069.2	2062.9	2062.9
17.5°	1903.8	1968.7	2018.9	2075.5	2087.0	2104.8	2139.3	2150.8	2155.0	2154.0	2154.0
20°	1977.1	2020.0	2104.8	2151.9	2170.7	2193.7	2217.8	2232.5	2235.6	2239.8	2233.5
22.5°	2025.2	2090.1	2159.2	2197.9	2213.6	2222.0	2237.7	2241.9	2236.6	2237.7	2238.7
25°	2062.9	2126.8	2168.6	2179.1	2178.0	2167.6	2156.1	2136.2	2134.1	2125.7	2109.0
27.5°	2073.4	2097.4	2092.2	2049.3	2006.4	2002.2	1933.1	1895.4	1852.5	1858.8	1834.7
30°	2016.9	1985.5	1911.1	1802.3	1757.3	1684.0	1606.6	1526.0	1494.6	1460.0	1523.9
32.5°	1878.7	1766.7	1634.8	1493.5	1418.2	1353.3	1270.6	1212.0	1178.5	1150.2	1204.7
35°	1670.4	1495.6	1320.8	1186.9	1125.1	1066.5	989.1	959.8	917.9	922.1	927.3
37.5°	1402.5	1209.9	1078.0	946.2	905.3	881.3	824.7	779.7	765.1	760.9	760.9
40°	1151.3	993.3	876.0	772.4	741.0	721.1	676.1	655.2	639.5	635.3	640.5
42.5°	952.4	817.4	726.4	657.3	635.3	610.2	591.3	565.2	562.0	554.7	564.1
45°	799.6	682.4	614.4	564.1	545.3	535.9	514.9	499.2	493.0	491.9	499.2
47.5°	678.2	587.2	527.5	496.1	481.4	472.0	454.2	448.0	441.7	443.8	440.6
50°	569.4	501.3	462.6	434.4	424.9	415.5	404.0	397.7	394.6	394.6	393.5
52.5°	488.8	432.3	407.1	381.0	376.8	371.6	359.0	354.8	349.6	348.5	352.7
55°	418.7	379.9	354.8	339.1	334.9	324.5	319.2	314.0	310.8	308.8	309.8
57.5°	357.9	328.6	311.9	298.3	291.0	286.8	277.4	276.3	274.2	274.2	273.2
60°	307.7	286.8	266.9	258.5	253.3	248.1	247.0	240.7	237.6	239.7	238.6
62.5°	260.6	243.9	232.4	222.9	219.8	215.6	212.5	210.4	207.2	208.3	208.3
65°	217.7	204.1	195.7	187.3	186.3	182.1	181.1	179.0	179.0	177.9	180.0
67.5°	179.0	169.6	162.2	157.0	153.9	154.9	150.7	147.6	147.6	146.5	149.7
70°	142.3	137.1	129.8	123.5	119.3	119.3	114.1	113.0	113.0	113.0	112.0
72.5°	109.9	100.5	97.3	95.2	95.2	95.2	93.1	93.1	92.1	93.1	92.1
75°	81.6	80.6	78.5	77.5	77.5	76.4	75.4	75.4	75.4	75.4	75.4
77.5°	63.8	63.8	61.8	60.7	60.7	60.7	59.7	59.7	58.6	58.6	58.6
80°	47.1	47.1	45.0	45.0	45.0	44.0	44.0	44.0	45.0	44.0	44.0
82.5°	32.4	32.4	31.4	32.4	31.4	30.4	30.4	30.4	29.3	30.4	30.4
85°	18.8	18.8	17.8	16.7	17.8	17.8	16.7	17.8	16.7	17.8	16.7
87.5°	7.3	6.3	6.3	6.3	5.2	6.3	5.2	5.2	6.3	5.2	6.3
90°	23.6	24.6	25.5	26.5	27.5	28.5	27.5	28.5	29.5	28.5	29.5
92.5°	136.6	97.3	75.7	65.8	62.4	59.0	57.0	53.1	54.0	52.1	54.0
95°	472.6	353.7	239.8	187.7	170.0	152.3	133.6	124.8	117.9	114.0	117.9
97.5°	926.6	812.6	613.2	483.4	427.4	371.4	305.6	268.3	244.7	233.9	244.7
100°	1124.1	1158.5	1078.9	963.9	894.2	824.4	725.2	653.4	615.1	616.1	615.1
102.5°	1133.9	1273.5	1290.2	1235.1	1197.3	1159.5	1087.8	1034.7	1004.2	975.7	1004.2
105°	1072.0	1277.4	1375.7	1394.3	1381.6	1368.8	1323.6	1286.2	1254.8	1249.9	1254.8
107.5°	983.6	1218.4	1372.7	1449.4	1462.6	1475.9	1470.0	1452.3	1439.5	1428.7	1439.5
110°	901.1	1126.1	1306.9	1430.7	1465.1	1499.5	1527.0	1534.8	1532.9	1530.9	1532.9

TEST NUMBER: P1012718

CATALOG NUMBER: S123RDIP-B775D1025UB40-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	829.3	1034.7	1220.4	1362.9	1409.6	1456.2	1512.2	1540.7	1550.6	1551.5	1550.6
115°	774.3	956.1	1127.1	1271.5	1325.0	1378.6	1452.3	1495.5	1515.2	1520.1	1515.2
117.5°	737.9	895.2	1046.5	1179.1	1234.6	1290.2	1366.8	1415.0	1444.4	1451.3	1444.4
120°	710.4	849.0	981.6	1099.5	1149.2	1198.8	1276.4	1331.4	1355.0	1360.9	1355.0
122.5°	687.8	812.6	929.6	1036.7	1081.9	1127.1	1193.9	1242.0	1268.6	1276.4	1268.6
125°	669.2	781.2	888.3	982.6	1021.9	1061.2	1124.1	1167.3	1191.9	1198.8	1191.9
127.5°	651.5	752.7	850.0	936.4	972.8	1009.1	1066.1	1103.5	1126.1	1132.0	1126.1
130°	637.7	726.2	814.6	894.2	927.6	961.0	1013.1	1048.4	1069.1	1076.9	1069.1
132.5°	624.9	701.6	781.2	853.9	885.4	916.8	964.9	1000.3	1018.0	1022.9	1018.0
135°	614.1	680.0	749.7	813.6	841.6	869.6	917.8	947.2	964.9	971.8	964.9
137.5°	604.3	659.3	718.3	775.3	800.3	825.4	866.7	897.1	911.9	917.8	911.9
140°	595.5	641.6	691.8	738.9	760.0	781.2	818.5	846.0	861.8	860.8	861.8
142.5°	587.6	624.9	666.2	705.5	723.2	740.9	771.4	794.9	808.7	807.7	808.7
145°	580.7	612.2	644.6	676.0	690.2	704.5	729.1	749.7	757.6	759.6	757.6
147.5°	573.8	601.4	627.9	654.4	664.8	675.1	694.7	709.4	717.3	718.3	717.3
150°	567.0	589.6	612.2	632.8	642.2	651.5	666.2	677.0	682.9	682.9	682.9
152.5°	559.1	578.8	597.4	615.1	622.5	629.9	640.7	650.5	653.4	653.4	653.4
155°	551.2	568.0	583.7	598.4	604.3	610.2	619.0	626.9	628.9	629.9	628.9
157.5°	542.4	556.2	569.9	581.7	586.6	591.5	599.4	605.3	607.3	607.3	607.3
160°	533.6	546.3	557.1	567.0	570.4	573.8	580.7	586.6	586.6	585.6	586.6
162.5°	524.7	534.5	543.4	552.2	555.2	558.1	562.1	567.0	567.0	566.0	567.0
165°	516.9	524.7	530.6	537.5	540.0	542.4	546.3	550.3	549.3	549.3	549.3
167.5°	509.0	515.9	520.8	524.7	526.7	528.6	530.6	533.6	532.6	532.6	532.6
170°	502.1	507.0	510.0	513.9	514.9	515.9	516.9	518.8	517.8	517.8	517.8
172.5°	495.2	499.2	501.1	504.1	504.6	505.1	505.1	507.0	505.1	504.1	505.1
175°	490.3	492.3	493.3	495.2	495.2	495.2	495.2	496.2	495.2	494.3	495.2
177.5°	486.4	487.4	488.4	489.3	489.3	489.3	488.4	489.3	487.4	487.4	487.4
180°	485.4	485.4	485.4	485.4	485.4	485.4	485.4	485.4	485.4	485.4	485.4

TEST NUMBER: P1012718

CATALOG NUMBER: S123RDIP-B775D1025UB40-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	1222.5	1222.5	1222.5	1222.5	1222.5	1222.5	1222.5	1222.5	1222.5	1222.5	1222.5
2.5°	1319.8	1313.5	1309.3	1306.2	1303.1	1312.5	1299.9	1286.3	1276.9	1270.6	1268.5
5°	1458.0	1444.3	1432.8	1423.4	1425.5	1425.5	1403.5	1379.5	1358.5	1347.0	1334.5
7.5°	1618.1	1603.4	1580.4	1575.2	1571.0	1544.8	1522.8	1478.9	1452.7	1426.6	1403.5
10°	1777.2	1758.3	1736.4	1729.0	1718.6	1686.1	1652.6	1596.1	1563.7	1515.5	1485.2
12.5°	1925.8	1902.8	1880.8	1875.6	1859.9	1831.6	1774.0	1715.4	1660.0	1608.7	1555.3
15°	2050.3	2044.1	2010.6	1989.6	1955.1	1916.4	1903.8	1824.3	1754.2	1700.8	1604.5
17.5°	2155.0	2125.7	2094.3	2080.7	2067.1	2022.1	1977.1	1895.4	1820.1	1741.6	1679.8
20°	2238.7	2206.3	2184.3	2164.4	2158.1	2106.9	2035.7	1963.5	1880.8	1792.9	1712.3
22.5°	2242.9	2238.7	2224.1	2212.6	2200.0	2166.5	2110.0	2020.0	1932.1	1835.8	1730.1
25°	2156.1	2149.8	2191.6	2181.2	2189.5	2177.0	2146.6	2071.3	1968.7	1855.7	1748.9
27.5°	1894.4	1958.2	2024.2	2047.2	2062.9	2107.9	2122.6	2080.7	1998.0	1877.7	1758.3
30°	1538.5	1623.3	1730.1	1787.6	1831.6	1915.3	2024.2	2037.8	1999.1	1902.8	1756.2
32.5°	1207.8	1285.3	1371.1	1439.1	1497.7	1669.4	1815.9	1921.6	1940.5	1890.2	1761.5
35°	973.4	1006.9	1088.5	1153.4	1232.9	1379.5	1552.2	1722.8	1837.9	1844.2	1745.8
37.5°	802.8	820.6	891.7	928.4	975.5	1104.2	1265.4	1488.3	1667.3	1752.1	1701.8
40°	664.6	705.4	746.2	767.2	800.7	889.6	1044.5	1219.3	1441.2	1598.2	1633.8
42.5°	576.7	594.5	620.7	650.0	670.9	748.3	852.0	1012.1	1212.0	1430.7	1529.1
45°	508.7	514.9	542.2	561.0	583.0	637.4	710.7	844.6	1020.5	1236.1	1403.5
47.5°	452.1	464.7	479.4	490.9	505.5	547.4	610.2	707.5	862.4	1055.0	1235.0
50°	401.9	409.2	428.1	433.3	443.8	473.1	521.2	595.5	723.2	877.1	1063.4
52.5°	354.8	368.4	375.7	383.1	392.5	416.6	448.0	508.7	605.0	749.4	907.4
55°	318.2	322.4	332.8	339.1	346.4	363.2	390.4	435.4	510.8	625.9	775.6
57.5°	282.6	282.6	293.1	298.3	305.6	318.2	342.2	376.8	431.2	517.0	654.1
60°	244.9	246.0	254.3	260.6	262.7	275.3	295.1	322.4	364.2	427.0	539.0
62.5°	211.4	216.7	220.8	222.9	230.3	237.6	254.3	273.2	302.5	357.9	437.5
65°	183.2	184.2	187.3	189.4	192.6	201.0	213.5	226.1	251.2	292.0	356.9
67.5°	150.7	154.9	159.1	159.1	162.2	166.4	179.0	189.4	208.3	232.4	276.3
70°	113.0	115.1	121.4	124.5	128.7	136.1	142.3	148.6	163.3	181.1	214.6
72.5°	94.2	94.2	96.3	97.3	97.3	102.6	112.0	118.3	125.6	138.2	161.2
75°	75.4	75.4	78.5	77.5	79.5	81.6	82.7	86.9	91.1	100.5	114.1
77.5°	59.7	60.7	60.7	61.8	61.8	62.8	63.8	65.9	68.0	73.3	79.5
80°	44.0	45.0	45.0	46.1	46.1	47.1	48.1	49.2	51.3	53.4	56.5
82.5°	30.4	31.4	31.4	32.4	31.4	32.4	33.5	33.5	34.5	36.6	37.7
85°	17.8	17.8	18.8	17.8	17.8	17.8	18.8	18.8	19.9	23.0	23.0
87.5°	5.2	6.3	5.2	6.3	6.3	6.3	6.3	7.3	7.3	8.4	9.4
90°	28.5	27.5	28.5	27.5	26.5	25.5	24.6	23.6	24.6	21.6	18.7
92.5°	53.1	57.0	59.0	62.4	65.8	75.7	97.3	136.6	182.8	202.4	151.3
95°	124.8	133.6	152.3	170.0	187.7	239.8	353.7	472.6	582.7	518.8	357.7
97.5°	268.3	305.6	371.4	427.4	483.4	613.2	812.6	926.6	896.1	669.2	398.0
100°	653.4	725.2	824.4	894.2	963.9	1078.9	1158.5	1124.1	930.5	628.9	370.4
102.5°	1034.7	1087.8	1159.5	1197.3	1235.1	1290.2	1273.5	1133.9	866.7	569.9	346.9
105°	1286.2	1323.6	1368.8	1381.6	1394.3	1375.7	1277.4	1072.0	790.0	523.7	338.0
107.5°	1452.3	1470.0	1475.9	1462.6	1449.4	1372.7	1218.4	983.6	722.2	490.3	336.1
110°	1534.8	1527.0	1499.5	1465.1	1430.7	1306.9	1126.1	901.1	666.2	472.6	341.0

TEST NUMBER: P1012718

CATALOG NUMBER: S123RDIP-B775D1025UB40-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	1540.7	1512.2	1456.2	1409.6	1362.9	1220.4	1034.7	829.3	628.9	462.8	350.8
115°	1495.5	1452.3	1378.6	1325.0	1271.5	1127.1	956.1	774.3	604.3	461.8	361.6
117.5°	1415.0	1366.8	1290.2	1234.6	1179.1	1046.5	895.2	737.9	587.6	462.8	375.4
120°	1331.4	1276.4	1198.8	1149.2	1099.5	981.6	849.0	710.4	576.8	466.7	391.1
122.5°	1242.0	1193.9	1127.1	1081.9	1036.7	929.6	812.6	687.8	569.9	473.6	405.8
125°	1167.3	1124.1	1061.2	1021.9	982.6	888.3	781.2	669.2	564.0	480.5	421.5
127.5°	1103.5	1066.1	1009.1	972.8	936.4	850.0	752.7	651.5	561.1	488.4	434.3
130°	1048.4	1013.1	961.0	927.6	894.2	814.6	726.2	637.7	558.1	496.2	447.1
132.5°	1000.3	964.9	916.8	885.4	853.9	781.2	701.6	624.9	557.1	502.1	458.9
135°	947.2	917.8	869.6	841.6	813.6	749.7	680.0	614.1	556.2	508.0	468.7
137.5°	897.1	866.7	825.4	800.3	775.3	718.3	659.3	604.3	554.2	511.9	476.6
140°	846.0	818.5	781.2	760.0	738.9	691.8	641.6	595.5	553.2	515.9	482.5
142.5°	794.9	771.4	740.9	723.2	705.5	666.2	624.9	587.6	551.2	518.8	488.4
145°	749.7	729.1	704.5	690.2	676.0	644.6	612.2	580.7	549.3	519.8	492.3
147.5°	709.4	694.7	675.1	664.8	654.4	627.9	601.4	573.8	546.3	519.8	495.2
150°	677.0	666.2	651.5	642.2	632.8	612.2	589.6	567.0	542.4	519.8	496.2
152.5°	650.5	640.7	629.9	622.5	615.1	597.4	578.8	559.1	537.5	516.9	498.2
155°	626.9	619.0	610.2	604.3	598.4	583.7	568.0	551.2	531.6	514.9	498.2
157.5°	605.3	599.4	591.5	586.6	581.7	569.9	556.2	542.4	526.7	511.9	499.2
160°	586.6	580.7	573.8	570.4	567.0	557.1	546.3	533.6	520.8	510.0	499.2
162.5°	567.0	562.1	558.1	555.2	552.2	543.4	534.5	524.7	514.9	506.0	498.2
165°	550.3	546.3	542.4	540.0	537.5	530.6	524.7	516.9	509.0	502.1	496.2
167.5°	533.6	530.6	528.6	526.7	524.7	520.8	515.9	509.0	503.1	498.2	495.2
170°	518.8	516.9	515.9	514.9	513.9	510.0	507.0	502.1	497.2	494.3	492.3
172.5°	507.0	505.1	505.1	504.6	504.1	501.1	499.2	495.2	492.3	491.3	491.3
175°	496.2	495.2	495.2	495.2	495.2	493.3	492.3	490.3	488.4	488.4	489.3
177.5°	489.3	488.4	489.3	489.3	489.3	488.4	487.4	486.4	485.4	486.4	488.4
180°	485.4	485.4	485.4	485.4	485.4	485.4	485.4	485.4	485.4	485.4	485.4

TEST NUMBER: P1012718

CATALOG NUMBER: S123RDIP-B775D1025UB40-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
0°	1222.5	1222.5	1222.5	1222.5	1222.5	1222.5	1222.5	1222.5	1222.5	1222.5	1222.5
2.5°	1265.4	1260.1	1254.9	1254.9	1243.4	1232.9	1227.7	1229.8	1223.5	1215.1	1206.8
5°	1320.8	1299.9	1295.7	1284.2	1268.5	1246.5	1235.0	1224.6	1212.0	1195.3	1179.6
7.5°	1372.1	1344.9	1330.3	1318.8	1288.4	1258.0	1232.9	1216.2	1194.2	1169.1	1150.2
10°	1439.1	1388.9	1373.2	1347.0	1304.1	1261.2	1231.9	1204.7	1174.3	1145.0	1119.9
12.5°	1492.5	1434.9	1405.6	1379.5	1324.0	1269.6	1220.4	1186.9	1150.2	1117.8	1085.4
15°	1553.2	1488.3	1437.0	1405.6	1335.5	1269.6	1214.1	1167.0	1126.2	1086.4	1058.1
17.5°	1582.5	1500.9	1477.8	1432.8	1331.3	1265.4	1197.3	1147.1	1097.9	1051.9	1018.4
20°	1628.6	1533.3	1475.7	1445.4	1355.4	1258.0	1178.5	1120.9	1069.7	1020.5	984.9
22.5°	1631.7	1528.1	1490.4	1432.8	1321.9	1236.1	1161.8	1091.6	1032.0	985.9	949.3
25°	1624.4	1518.7	1466.3	1420.3	1328.2	1223.5	1128.3	1059.2	1000.6	947.2	904.3
27.5°	1621.2	1491.4	1442.3	1396.2	1292.6	1186.9	1108.4	1029.9	962.9	915.8	871.8
30°	1617.0	1462.1	1402.5	1349.1	1253.9	1158.6	1064.4	996.4	932.5	872.9	828.9
32.5°	1589.8	1422.4	1361.7	1305.1	1202.6	1107.3	1033.0	960.8	891.7	836.3	796.5
35°	1581.5	1385.7	1306.2	1245.5	1145.0	1060.2	981.7	922.1	857.2	801.7	754.6
37.5°	1557.4	1348.1	1262.2	1184.8	1080.1	999.5	942.0	882.3	819.5	759.9	722.2
40°	1515.5	1304.1	1206.8	1127.2	1019.4	937.8	884.4	840.4	778.7	725.3	679.3
42.5°	1453.8	1259.1	1154.4	1070.7	951.4	875.0	831.0	789.2	736.8	681.4	643.7
45°	1382.6	1199.4	1102.1	1009.0	887.5	813.2	767.2	742.1	693.9	646.8	602.9
47.5°	1285.3	1137.7	1041.4	945.1	821.6	749.4	712.8	687.6	654.1	602.9	567.3
50°	1162.8	1058.1	967.1	881.3	756.7	687.6	651.0	632.2	603.9	567.3	532.7
52.5°	1026.7	966.0	890.7	811.1	690.8	625.9	592.4	577.7	556.8	522.3	493.0
55°	889.6	863.5	812.2	733.7	621.7	568.3	539.0	520.2	504.5	479.4	454.2
57.5°	767.2	754.6	719.0	658.3	564.1	508.7	483.5	471.0	458.4	439.6	414.5
60°	640.5	654.1	617.5	587.2	501.3	453.2	431.2	417.6	411.3	394.6	378.9
62.5°	530.6	543.2	522.3	499.2	438.5	395.6	382.0	369.5	365.3	350.6	334.9
65°	431.2	446.9	431.2	418.7	382.0	346.4	329.7	323.4	319.2	309.8	297.2
67.5°	343.3	359.0	351.7	336.0	324.5	295.1	285.7	279.4	277.4	270.0	259.6
70°	258.5	280.5	282.6	273.2	262.7	249.1	242.8	240.7	235.5	229.2	222.9
72.5°	186.3	211.4	212.5	212.5	206.2	206.2	199.9	196.8	196.8	190.5	183.2
75°	137.1	153.9	155.9	158.0	161.2	164.3	160.1	160.1	159.1	152.8	149.7
77.5°	91.1	105.7	110.9	118.3	122.5	122.5	124.5	126.6	124.5	121.4	119.3
80°	58.6	69.1	75.4	79.5	85.8	89.0	92.1	93.1	91.1	90.0	86.9
82.5°	38.7	41.9	45.0	50.2	57.6	62.8	62.8	61.8	63.8	62.8	61.8
85°	22.0	24.1	25.1	26.2	30.4	35.6	36.6	37.7	39.8	37.7	35.6
87.5°	8.4	9.4	9.4	9.4	11.5	12.6	15.7	19.9	18.8	16.7	16.7
90°	15.7	12.8	11.8	10.8	8.8	5.9	3.9	2.0	3.9	5.9	8.8
92.5°	99.2	67.8	59.0	50.1	40.3	31.4	21.6	14.7	21.6	31.4	40.3
95°	211.3	127.7	108.6	89.4	63.9	47.2	36.4	33.4	36.4	47.2	63.9
97.5°	228.0	145.4	124.3	103.2	77.6	62.9	54.0	53.1	54.0	62.9	77.6
100°	225.0	156.2	137.0	117.9	94.3	80.6	73.7	72.7	73.7	80.6	94.3
102.5°	228.9	169.0	151.8	134.6	114.0	101.2	95.3	93.3	95.3	101.2	114.0
105°	236.8	183.7	168.5	153.3	134.6	122.8	116.9	114.0	116.9	122.8	134.6
107.5°	249.6	202.4	188.2	173.9	156.2	144.4	138.5	135.6	138.5	144.4	156.2
110°	266.3	222.1	208.4	194.6	177.9	167.0	162.1	159.2	162.1	167.0	177.9

TEST NUMBER: P1012718

CATALOG NUMBER: S123RDIP-B775D1025UB40-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
112.5°	283.0	242.7	229.4	216.2	199.5	188.7	183.7	180.8	183.7	188.7	199.5
115°	301.7	264.3	251.0	237.8	221.1	211.3	205.4	201.4	205.4	211.3	221.1
117.5°	321.3	284.0	271.7	259.4	240.7	231.9	227.0	222.1	227.0	231.9	240.7
120°	340.0	304.6	292.3	280.0	261.4	251.5	246.6	243.7	246.6	251.5	261.4
122.5°	359.6	325.2	312.0	298.7	281.0	270.2	265.3	262.4	265.3	270.2	281.0
125°	378.3	343.9	330.6	317.4	298.7	287.9	282.0	280.0	282.0	287.9	298.7
127.5°	395.0	361.6	348.4	335.1	314.4	303.6	296.7	293.8	296.7	303.6	314.4
130°	409.7	377.3	364.0	350.8	330.2	318.4	309.5	306.6	309.5	318.4	330.2
132.5°	422.5	391.1	378.3	365.5	344.9	330.2	320.3	316.4	320.3	330.2	344.9
135°	435.3	404.8	391.6	378.3	357.7	342.9	332.1	328.2	332.1	342.9	357.7
137.5°	444.1	414.7	402.4	390.1	369.5	353.7	342.9	339.0	342.9	353.7	369.5
140°	453.0	424.5	412.2	399.9	380.3	364.5	354.7	349.8	354.7	364.5	380.3
142.5°	459.9	432.4	421.0	409.7	390.1	376.3	365.5	361.6	365.5	376.3	390.1
145°	465.8	440.2	428.9	417.6	400.9	386.2	377.3	374.4	377.3	386.2	400.9
147.5°	470.7	447.1	437.2	427.4	410.7	398.0	389.1	387.1	389.1	398.0	410.7
150°	475.6	453.0	444.2	435.3	421.5	408.8	400.9	399.9	400.9	408.8	421.5
152.5°	478.5	459.9	451.6	443.2	431.4	420.6	412.7	412.7	412.7	420.6	431.4
155°	482.5	465.8	458.9	452.0	441.2	431.4	425.5	425.5	425.5	431.4	441.2
157.5°	484.4	470.7	465.3	459.9	450.0	441.2	436.3	435.3	436.3	441.2	450.0
160°	487.4	475.6	470.7	465.8	458.9	451.0	447.1	447.1	447.1	451.0	458.9
162.5°	488.4	478.5	474.6	470.7	464.8	458.9	455.9	455.9	455.9	458.9	464.8
165°	489.3	481.5	478.0	474.6	470.7	465.8	463.8	464.8	463.8	465.8	470.7
167.5°	489.3	483.4	481.0	478.5	475.6	471.7	470.7	471.7	470.7	471.7	475.6
170°	488.4	483.4	482.4	481.5	479.5	476.6	475.6	477.6	475.6	476.6	479.5
172.5°	488.4	484.4	483.9	483.4	482.5	480.5	480.5	481.5	480.5	480.5	482.5
175°	487.4	485.4	484.9	484.4	484.4	482.5	483.4	484.4	483.4	482.5	484.4
177.5°	486.4	485.4	485.4	485.4	485.4	484.4	485.4	486.4	485.4	484.4	485.4
180°	485.4	485.4	485.4	485.4	485.4	485.4	485.4	485.4	485.4	485.4	485.4

TEST NUMBER: P1012718

CATALOG NUMBER: S123RDIP-B775D1025UB40-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
0°	1222.5	1222.5	1222.5	1222.5	1222.5	1222.5	1222.5	1222.5	1222.5	1222.5	1222.5
2.5°	1206.8	1201.5	1199.4	1194.2	1181.6	1173.3	1163.9	1157.6	1158.6	1153.4	1156.5
5°	1169.1	1168.0	1160.7	1150.2	1132.5	1123.0	1106.3	1097.9	1093.7	1094.8	1088.5
7.5°	1137.7	1128.3	1123.0	1106.3	1089.5	1069.7	1056.0	1048.7	1042.4	1036.2	1032.0
10°	1102.1	1093.7	1085.4	1067.6	1044.5	1025.7	1006.9	999.5	990.1	985.9	982.8
12.5°	1064.4	1059.2	1048.7	1027.8	1001.6	983.8	961.9	957.7	945.1	936.7	934.6
15°	1029.9	1026.7	1007.9	983.8	957.7	939.9	921.0	908.5	887.5	891.7	884.4
17.5°	993.3	979.6	968.1	935.7	923.1	895.9	873.9	867.7	853.0	843.6	834.2
20°	952.4	944.1	929.4	908.5	878.1	846.7	830.0	819.5	811.1	796.5	792.3
22.5°	913.7	903.2	890.7	863.5	837.3	811.1	788.1	778.7	768.2	757.8	751.5
25°	883.4	867.7	854.0	820.6	794.4	772.4	757.8	742.1	727.4	721.1	719.0
27.5°	836.3	826.8	813.2	781.8	757.8	733.7	720.1	709.6	693.9	686.6	680.3
30°	805.9	787.1	771.4	746.2	722.2	696.0	683.4	670.9	661.5	652.0	644.7
32.5°	765.1	750.4	737.9	712.8	688.7	664.6	651.0	632.2	626.9	619.6	611.2
35°	725.3	715.9	702.3	675.1	648.9	632.2	617.5	599.7	593.4	588.2	580.9
37.5°	687.6	674.0	664.6	638.4	615.4	595.5	584.0	569.4	565.2	558.9	553.7
40°	655.2	641.6	632.2	606.0	581.9	561.0	553.7	539.0	532.7	525.4	522.3
42.5°	618.6	607.0	594.5	575.6	550.5	529.6	514.9	506.6	498.2	495.1	488.8
45°	579.8	569.4	559.9	539.0	512.8	498.2	485.6	474.1	467.8	462.6	458.4
47.5°	546.3	536.9	524.4	501.3	480.4	466.8	454.2	442.7	436.4	430.2	424.9
50°	507.6	502.4	488.8	466.8	446.9	431.2	419.7	409.2	405.0	397.7	389.3
52.5°	473.1	463.7	452.1	434.4	416.6	397.7	382.0	375.7	368.4	364.2	356.9
55°	432.3	426.0	413.4	397.7	378.9	363.2	351.7	343.3	333.9	329.7	320.3
57.5°	397.7	386.2	379.9	360.0	342.2	326.5	318.2	309.8	299.3	293.1	288.9
60°	360.0	349.6	340.2	323.4	310.8	294.1	281.5	274.2	266.9	258.5	254.3
62.5°	323.4	315.0	303.5	289.9	274.2	260.6	251.2	240.7	236.5	228.2	225.0
65°	283.6	277.4	267.9	252.2	239.7	228.2	218.7	210.4	206.2	203.0	201.0
67.5°	248.1	239.7	233.4	219.8	206.2	196.8	191.5	186.3	181.1	177.9	174.8
70°	211.4	205.1	198.9	186.3	176.9	168.5	164.3	160.1	157.0	153.9	150.7
72.5°	173.7	170.6	164.3	155.9	148.6	142.3	139.2	134.0	130.8	125.6	123.5
75°	143.4	138.2	135.0	127.7	121.4	116.2	112.0	105.7	101.5	99.4	98.4
77.5°	113.0	110.9	106.8	100.5	97.3	92.1	85.8	83.7	81.6	81.6	80.6
80°	84.8	81.6	78.5	73.3	70.1	65.9	65.9	65.9	64.9	65.9	64.9
82.5°	57.6	55.5	53.4	50.2	49.2	49.2	50.2	50.2	50.2	50.2	50.2
85°	33.5	33.5	33.5	34.5	33.5	33.5	34.5	35.6	34.5	34.5	33.5
87.5°	15.7	15.7	16.7	16.7	17.8	17.8	17.8	17.8	17.8	17.8	18.8
90°	10.8	11.8	12.8	15.7	18.7	21.6	24.6	23.6	24.6	25.5	26.5
92.5°	50.1	59.0	67.8	99.2	151.3	202.4	182.8	136.6	97.3	75.7	65.8
95°	89.4	108.6	127.7	211.3	357.7	518.8	582.7	472.6	353.7	239.8	187.7
97.5°	103.2	124.3	145.4	228.0	398.0	669.2	896.1	926.6	812.6	613.2	483.4
100°	117.9	137.0	156.2	225.0	370.4	628.9	930.5	1124.1	1158.5	1078.9	963.9
102.5°	134.6	151.8	169.0	228.9	346.9	569.9	866.7	1133.9	1273.5	1290.2	1235.1
105°	153.3	168.5	183.7	236.8	338.0	523.7	790.0	1072.0	1277.4	1375.7	1394.3
107.5°	173.9	188.2	202.4	249.6	336.1	490.3	722.2	983.6	1218.4	1372.7	1449.4
110°	194.6	208.4	222.1	266.3	341.0	472.6	666.2	901.1	1126.1	1306.9	1430.7

TEST NUMBER: P1012718

CATALOG NUMBER: S123RDIP-B775D1025UB40-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
112.5°	216.2	229.4	242.7	283.0	350.8	462.8	628.9	829.3	1034.7	1220.4	1362.9
115°	237.8	251.0	264.3	301.7	361.6	461.8	604.3	774.3	956.1	1127.1	1271.5
117.5°	259.4	271.7	284.0	321.3	375.4	462.8	587.6	737.9	895.2	1046.5	1179.1
120°	280.0	292.3	304.6	340.0	391.1	466.7	576.8	710.4	849.0	981.6	1099.5
122.5°	298.7	312.0	325.2	359.6	405.8	473.6	569.9	687.8	812.6	929.6	1036.7
125°	317.4	330.6	343.9	378.3	421.5	480.5	564.0	669.2	781.2	888.3	982.6
127.5°	335.1	348.4	361.6	395.0	434.3	488.4	561.1	651.5	752.7	850.0	936.4
130°	350.8	364.0	377.3	409.7	447.1	496.2	558.1	637.7	726.2	814.6	894.2
132.5°	365.5	378.3	391.1	422.5	458.9	502.1	557.1	624.9	701.6	781.2	853.9
135°	378.3	391.6	404.8	435.3	468.7	508.0	556.2	614.1	680.0	749.7	813.6
137.5°	390.1	402.4	414.7	444.1	476.6	511.9	554.2	604.3	659.3	718.3	775.3
140°	399.9	412.2	424.5	453.0	482.5	515.9	553.2	595.5	641.6	691.8	738.9
142.5°	409.7	421.0	432.4	459.9	488.4	518.8	551.2	587.6	624.9	666.2	705.5
145°	417.6	428.9	440.2	465.8	492.3	519.8	549.3	580.7	612.2	644.6	676.0
147.5°	427.4	437.2	447.1	470.7	495.2	519.8	546.3	573.8	601.4	627.9	654.4
150°	435.3	444.2	453.0	475.6	496.2	519.8	542.4	567.0	589.6	612.2	632.8
152.5°	443.2	451.6	459.9	478.5	498.2	516.9	537.5	559.1	578.8	597.4	615.1
155°	452.0	458.9	465.8	482.5	498.2	514.9	531.6	551.2	568.0	583.7	598.4
157.5°	459.9	465.3	470.7	484.4	499.2	511.9	526.7	542.4	556.2	569.9	581.7
160°	465.8	470.7	475.6	487.4	499.2	510.0	520.8	533.6	546.3	557.1	567.0
162.5°	470.7	474.6	478.5	488.4	498.2	506.0	514.9	524.7	534.5	543.4	552.2
165°	474.6	478.0	481.5	489.3	496.2	502.1	509.0	516.9	524.7	530.6	537.5
167.5°	478.5	481.0	483.4	489.3	495.2	498.2	503.1	509.0	515.9	520.8	524.7
170°	481.5	482.4	483.4	488.4	492.3	494.3	497.2	502.1	507.0	510.0	513.9
172.5°	483.4	483.9	484.4	488.4	491.3	491.3	492.3	495.2	499.2	501.1	504.1
175°	484.4	484.9	485.4	487.4	489.3	488.4	488.4	490.3	492.3	493.3	495.2
177.5°	485.4	485.4	485.4	486.4	488.4	486.4	485.4	486.4	487.4	488.4	489.3
180°	485.4	485.4	485.4	485.4	485.4	485.4	485.4	485.4	485.4	485.4	485.4

TEST NUMBER: P1012718

CATALOG NUMBER: S123RDIP-B775D1025UB40-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
0°	1222.5	1222.5	1222.5	1222.5	1222.5	1222.5	1222.5	1222.5	1222.5	1222.5	1222.5
2.5°	1155.5	1156.5	1153.4	1147.1	1146.1	1148.2	1154.4	1152.3	1147.1	1156.5	1148.2
5°	1091.6	1086.4	1084.3	1086.4	1080.1	1077.0	1083.3	1080.1	1083.3	1084.3	1087.4
7.5°	1029.9	1030.9	1024.6	1025.7	1017.3	1019.4	1019.4	1019.4	1022.6	1024.6	1028.8
10°	976.5	978.6	971.3	972.3	966.0	961.9	965.0	971.3	971.3	971.3	973.4
12.5°	933.6	924.2	918.9	917.9	910.6	908.5	914.8	916.8	922.1	922.1	925.2
15°	880.2	878.1	873.9	873.9	856.1	860.3	862.4	869.7	880.2	871.8	873.9
17.5°	832.1	826.8	821.6	819.5	817.4	811.1	819.5	818.5	824.7	825.8	828.9
20°	789.2	785.0	774.5	775.6	777.6	768.2	773.5	773.5	779.7	786.0	793.3
22.5°	747.3	743.1	737.9	740.0	733.7	731.6	731.6	736.8	744.2	749.4	748.3
25°	714.8	707.5	704.4	701.2	698.1	700.2	697.1	702.3	707.5	710.7	707.5
27.5°	678.2	675.1	668.8	665.7	660.4	662.5	664.6	668.8	671.9	671.9	675.1
30°	642.6	638.4	636.4	633.2	633.2	629.0	630.1	634.3	637.4	640.5	644.7
32.5°	608.1	605.0	601.8	601.8	599.7	598.7	597.6	603.9	603.9	610.2	610.2
35°	579.8	574.6	574.6	569.4	571.5	570.4	568.3	572.5	573.6	577.7	576.7
37.5°	548.4	548.4	546.3	541.1	536.9	538.0	543.2	543.2	546.3	545.3	548.4
40°	517.0	514.9	514.9	511.8	510.8	509.7	510.8	511.8	517.0	516.0	517.0
42.5°	485.6	486.7	481.4	481.4	481.4	478.3	479.4	480.4	482.5	484.6	487.7
45°	455.3	453.2	452.1	450.1	448.0	449.0	448.0	452.1	451.1	453.2	456.3
47.5°	422.8	419.7	418.7	414.5	414.5	416.6	415.5	418.7	419.7	422.8	420.7
50°	391.4	387.3	384.1	385.2	378.9	381.0	381.0	384.1	387.3	388.3	390.4
52.5°	354.8	353.8	352.7	347.5	346.4	345.4	346.4	347.5	351.7	354.8	355.9
55°	319.2	318.2	311.9	309.8	306.7	306.7	308.8	309.8	317.1	318.2	322.4
57.5°	286.8	283.6	276.3	275.3	275.3	275.3	272.1	276.3	278.4	283.6	283.6
60°	251.2	251.2	244.9	244.9	246.0	244.9	244.9	246.0	246.0	250.1	252.2
62.5°	222.9	221.9	221.9	219.8	218.7	219.8	218.7	218.7	219.8	222.9	226.1
65°	197.8	196.8	195.7	194.7	192.6	192.6	193.6	195.7	195.7	197.8	198.9
67.5°	173.7	173.7	171.6	171.6	170.6	169.6	170.6	169.6	173.7	173.7	174.8
70°	149.7	148.6	145.5	144.4	141.3	142.3	142.3	145.5	146.5	148.6	150.7
72.5°	120.4	120.4	118.3	116.2	117.2	115.1	115.1	116.2	116.2	119.3	120.4
75°	99.4	97.3	96.3	97.3	96.3	98.4	96.3	96.3	98.4	98.4	98.4
77.5°	81.6	81.6	80.6	80.6	81.6	80.6	81.6	81.6	81.6	80.6	81.6
80°	67.0	65.9	65.9	65.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
82.5°	50.2	50.2	49.2	50.2	50.2	49.2	50.2	49.2	49.2	50.2	50.2
85°	33.5	35.6	33.5	33.5	34.5	34.5	35.6	34.5	35.6	33.5	34.5
87.5°	17.8	18.8	18.8	17.8	17.8	18.8	18.8	18.8	19.9	17.8	18.8
90°	27.5	28.5	27.5	28.5	29.5	28.5	29.5	28.5	27.5	28.5	27.5
92.5°	62.4	59.0	57.0	53.1	54.0	52.1	54.0	53.1	57.0	59.0	62.4
95°	170.0	152.3	133.6	124.8	117.9	114.0	117.9	124.8	133.6	152.3	170.0
97.5°	427.4	371.4	305.6	268.3	244.7	233.9	244.7	268.3	305.6	371.4	427.4
100°	894.2	824.4	725.2	653.4	615.1	616.1	615.1	653.4	725.2	824.4	894.2
102.5°	1197.3	1159.5	1087.8	1034.7	1004.2	975.7	1004.2	1034.7	1087.8	1159.5	1197.3
105°	1381.6	1368.8	1323.6	1286.2	1254.8	1249.9	1254.8	1286.2	1323.6	1368.8	1381.6
107.5°	1462.6	1475.9	1470.0	1452.3	1439.5	1428.7	1439.5	1452.3	1470.0	1475.9	1462.6
110°	1465.1	1499.5	1527.0	1534.8	1532.9	1530.9	1532.9	1534.8	1527.0	1499.5	1465.1

TEST NUMBER: P1012718

CATALOG NUMBER: S123RDIP-B775D1025UB40-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
112.5°	1409.6	1456.2	1512.2	1540.7	1550.6	1551.5	1550.6	1540.7	1512.2	1456.2	1409.6
115°	1325.0	1378.6	1452.3	1495.5	1515.2	1520.1	1515.2	1495.5	1452.3	1378.6	1325.0
117.5°	1234.6	1290.2	1366.8	1415.0	1444.4	1451.3	1444.4	1415.0	1366.8	1290.2	1234.6
120°	1149.2	1198.8	1276.4	1331.4	1355.0	1360.9	1355.0	1331.4	1276.4	1198.8	1149.2
122.5°	1081.9	1127.1	1193.9	1242.0	1268.6	1276.4	1268.6	1242.0	1193.9	1127.1	1081.9
125°	1021.9	1061.2	1124.1	1167.3	1191.9	1198.8	1191.9	1167.3	1124.1	1061.2	1021.9
127.5°	972.8	1009.1	1066.1	1103.5	1126.1	1132.0	1126.1	1103.5	1066.1	1009.1	972.8
130°	927.6	961.0	1013.1	1048.4	1069.1	1076.9	1069.1	1048.4	1013.1	961.0	927.6
132.5°	885.4	916.8	964.9	1000.3	1018.0	1022.9	1018.0	1000.3	964.9	916.8	885.4
135°	841.6	869.6	917.8	947.2	964.9	971.8	964.9	947.2	917.8	869.6	841.6
137.5°	800.3	825.4	866.7	897.1	911.9	917.8	911.9	897.1	866.7	825.4	800.3
140°	760.0	781.2	818.5	846.0	861.8	860.8	861.8	846.0	818.5	781.2	760.0
142.5°	723.2	740.9	771.4	794.9	808.7	807.7	808.7	794.9	771.4	740.9	723.2
145°	690.2	704.5	729.1	749.7	757.6	759.6	757.6	749.7	729.1	704.5	690.2
147.5°	664.8	675.1	694.7	709.4	717.3	718.3	717.3	709.4	694.7	675.1	664.8
150°	642.2	651.5	666.2	677.0	682.9	682.9	682.9	677.0	666.2	651.5	642.2
152.5°	622.5	629.9	640.7	650.5	653.4	653.4	653.4	650.5	640.7	629.9	622.5
155°	604.3	610.2	619.0	626.9	628.9	629.9	628.9	626.9	619.0	610.2	604.3
157.5°	586.6	591.5	599.4	605.3	607.3	607.3	607.3	605.3	599.4	591.5	586.6
160°	570.4	573.8	580.7	586.6	586.6	585.6	586.6	586.6	580.7	573.8	570.4
162.5°	555.2	558.1	562.1	567.0	567.0	566.0	567.0	567.0	562.1	558.1	555.2
165°	540.0	542.4	546.3	550.3	549.3	549.3	549.3	550.3	546.3	542.4	540.0
167.5°	526.7	528.6	530.6	533.6	532.6	532.6	532.6	533.6	530.6	528.6	526.7
170°	514.9	515.9	516.9	518.8	517.8	517.8	517.8	518.8	516.9	515.9	514.9
172.5°	504.6	505.1	505.1	507.0	505.1	504.1	505.1	507.0	505.1	505.1	504.6
175°	495.2	495.2	495.2	496.2	495.2	494.3	495.2	496.2	495.2	495.2	495.2
177.5°	489.3	489.3	488.4	489.3	487.4	487.4	487.4	489.3	488.4	489.3	489.3
180°	485.4	485.4	485.4	485.4	485.4	485.4	485.4	485.4	485.4	485.4	485.4

TEST NUMBER: P1012718

CATALOG NUMBER: S123RDIP-B775D1025UB40-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
0°	1222.5	1222.5	1222.5	1222.5	1222.5	1222.5	1222.5	1222.5	1222.5	1222.5	1222.5
2.5°	1156.5	1160.7	1156.5	1148.2	1156.5	1161.8	1167.0	1175.4	1179.6	1179.6	1185.8
5°	1090.6	1099.0	1095.8	1093.7	1102.1	1107.3	1115.7	1126.2	1137.7	1145.0	1153.4
7.5°	1032.0	1037.2	1042.4	1042.4	1050.8	1062.3	1074.9	1087.4	1102.1	1112.6	1118.8
10°	980.7	984.9	988.0	992.2	1004.8	1017.3	1034.1	1049.8	1062.3	1073.8	1084.3
12.5°	931.5	937.8	945.1	948.2	957.7	973.4	989.1	1007.9	1027.8	1039.3	1049.8
15°	884.4	887.5	895.9	905.3	913.7	930.5	950.3	970.2	987.0	1004.8	1014.2
17.5°	836.3	837.3	859.3	854.0	881.3	897.0	907.4	926.3	953.5	968.1	982.8
20°	789.2	799.6	809.0	814.3	828.9	846.7	877.1	891.7	913.7	927.3	939.9
22.5°	752.5	768.2	768.2	780.8	788.1	804.9	826.8	855.1	879.2	888.6	906.4
25°	720.1	727.4	740.0	744.2	757.8	772.4	787.1	817.4	843.6	856.1	868.7
27.5°	678.2	687.6	704.4	704.4	722.2	737.9	755.7	775.6	801.7	819.5	833.1
30°	645.8	655.2	662.5	674.0	681.4	696.0	727.4	742.1	765.1	780.8	797.5
32.5°	615.4	622.7	629.0	641.6	650.0	666.7	683.4	709.6	729.5	744.2	761.9
35°	581.9	589.3	597.6	607.0	619.6	635.3	651.0	673.0	692.9	706.5	721.1
37.5°	550.5	555.8	568.3	574.6	585.1	599.7	619.6	642.6	660.4	670.9	685.5
40°	520.2	524.4	533.8	545.3	552.6	564.1	585.1	605.0	626.9	639.5	651.0
42.5°	487.7	493.0	501.3	512.8	524.4	536.9	548.4	571.5	591.3	601.8	614.4
45°	459.5	462.6	468.9	480.4	491.9	501.3	519.1	540.1	558.9	567.3	580.9
47.5°	426.0	429.1	438.5	443.8	456.3	468.9	486.7	507.6	524.4	532.7	545.3
50°	391.4	394.6	400.9	412.4	420.7	434.4	450.1	467.8	488.8	500.3	507.6
52.5°	357.9	364.2	369.5	378.9	389.3	403.0	417.6	434.4	452.1	463.7	472.0
55°	324.5	329.7	336.0	341.2	353.8	366.3	383.1	398.8	414.5	424.9	434.4
57.5°	286.8	294.1	300.4	310.8	320.3	330.7	349.6	362.1	381.0	388.3	396.7
60°	254.3	261.7	266.9	275.3	283.6	297.2	309.8	325.5	341.2	350.6	361.1
62.5°	227.1	230.3	233.4	241.8	250.1	262.7	275.3	291.0	307.7	312.9	321.3
65°	199.9	203.0	208.3	215.6	221.9	229.2	242.8	255.4	271.1	279.4	282.6
67.5°	176.9	180.0	181.1	186.3	191.5	199.9	207.2	219.8	234.4	239.7	246.0
70°	150.7	155.9	157.0	161.2	163.3	168.5	176.9	186.3	197.8	207.2	212.5
72.5°	120.4	127.7	129.8	136.1	139.2	144.4	150.7	158.0	165.4	169.6	173.7
75°	98.4	100.5	101.5	106.8	112.0	119.3	122.5	126.6	132.9	138.2	142.3
77.5°	81.6	82.7	83.7	83.7	84.8	89.0	95.2	100.5	104.7	106.8	109.9
80°	65.9	64.9	64.9	65.9	65.9	65.9	68.0	75.4	77.5	82.7	81.6
82.5°	51.3	49.2	50.2	49.2	49.2	49.2	49.2	50.2	50.2	53.4	55.5
85°	33.5	34.5	33.5	33.5	32.4	33.5	32.4	32.4	31.4	31.4	30.4
87.5°	17.8	18.8	17.8	17.8	16.7	17.8	16.7	16.7	15.7	15.7	13.6
90°	26.5	25.5	24.6	23.6	24.6	21.6	18.7	15.7	12.8	11.8	10.8
92.5°	65.8	75.7	97.3	136.6	182.8	202.4	151.3	99.2	67.8	59.0	50.1
95°	187.7	239.8	353.7	472.6	582.7	518.8	357.7	211.3	127.7	108.6	89.4
97.5°	483.4	613.2	812.6	926.6	896.1	669.2	398.0	228.0	145.4	124.3	103.2
100°	963.9	1078.9	1158.5	1124.1	930.5	628.9	370.4	225.0	156.2	137.0	117.9
102.5°	1235.1	1290.2	1273.5	1133.9	866.7	569.9	346.9	228.9	169.0	151.8	134.6
105°	1394.3	1375.7	1277.4	1072.0	790.0	523.7	338.0	236.8	183.7	168.5	153.3
107.5°	1449.4	1372.7	1218.4	983.6	722.2	490.3	336.1	249.6	202.4	188.2	173.9
110°	1430.7	1306.9	1126.1	901.1	666.2	472.6	341.0	266.3	222.1	208.4	194.6

TEST NUMBER: P1012718

CATALOG NUMBER: S123RDIP-B775D1025UB40-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
112.5°	1362.9	1220.4	1034.7	829.3	628.9	462.8	350.8	283.0	242.7	229.4	216.2
115°	1271.5	1127.1	956.1	774.3	604.3	461.8	361.6	301.7	264.3	251.0	237.8
117.5°	1179.1	1046.5	895.2	737.9	587.6	462.8	375.4	321.3	284.0	271.7	259.4
120°	1099.5	981.6	849.0	710.4	576.8	466.7	391.1	340.0	304.6	292.3	280.0
122.5°	1036.7	929.6	812.6	687.8	569.9	473.6	405.8	359.6	325.2	312.0	298.7
125°	982.6	888.3	781.2	669.2	564.0	480.5	421.5	378.3	343.9	330.6	317.4
127.5°	936.4	850.0	752.7	651.5	561.1	488.4	434.3	395.0	361.6	348.4	335.1
130°	894.2	814.6	726.2	637.7	558.1	496.2	447.1	409.7	377.3	364.0	350.8
132.5°	853.9	781.2	701.6	624.9	557.1	502.1	458.9	422.5	391.1	378.3	365.5
135°	813.6	749.7	680.0	614.1	556.2	508.0	468.7	435.3	404.8	391.6	378.3
137.5°	775.3	718.3	659.3	604.3	554.2	511.9	476.6	444.1	414.7	402.4	390.1
140°	738.9	691.8	641.6	595.5	553.2	515.9	482.5	453.0	424.5	412.2	399.9
142.5°	705.5	666.2	624.9	587.6	551.2	518.8	488.4	459.9	432.4	421.0	409.7
145°	676.0	644.6	612.2	580.7	549.3	519.8	492.3	465.8	440.2	428.9	417.6
147.5°	654.4	627.9	601.4	573.8	546.3	519.8	495.2	470.7	447.1	437.2	427.4
150°	632.8	612.2	589.6	567.0	542.4	519.8	496.2	475.6	453.0	444.2	435.3
152.5°	615.1	597.4	578.8	559.1	537.5	516.9	498.2	478.5	459.9	451.6	443.2
155°	598.4	583.7	568.0	551.2	531.6	514.9	498.2	482.5	465.8	458.9	452.0
157.5°	581.7	569.9	556.2	542.4	526.7	511.9	499.2	484.4	470.7	465.3	459.9
160°	567.0	557.1	546.3	533.6	520.8	510.0	499.2	487.4	475.6	470.7	465.8
162.5°	552.2	543.4	534.5	524.7	514.9	506.0	498.2	488.4	478.5	474.6	470.7
165°	537.5	530.6	524.7	516.9	509.0	502.1	496.2	489.3	481.5	478.0	474.6
167.5°	524.7	520.8	515.9	509.0	503.1	498.2	495.2	489.3	483.4	481.0	478.5
170°	513.9	510.0	507.0	502.1	497.2	494.3	492.3	488.4	483.4	482.4	481.5
172.5°	504.1	501.1	499.2	495.2	492.3	491.3	491.3	488.4	484.4	483.9	483.4
175°	495.2	493.3	492.3	490.3	488.4	488.4	489.3	487.4	485.4	484.9	484.4
177.5°	489.3	488.4	487.4	486.4	485.4	486.4	488.4	486.4	485.4	485.4	485.4
180°	485.4	485.4	485.4	485.4	485.4	485.4	485.4	485.4	485.4	485.4	485.4

TEST NUMBER: P1012718

CATALOG NUMBER: S123RDIP-B775D1025UB40-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
0°	1222.5	1222.5	1222.5	1222.5
2.5°	1191.1	1198.4	1213.0	1225.6
5°	1165.9	1177.5	1199.4	1221.4
7.5°	1135.6	1153.4	1181.6	1212.0
10°	1106.3	1129.3	1163.9	1199.4
12.5°	1077.0	1101.1	1137.7	1183.7
15°	1042.4	1067.6	1111.5	1167.0
17.5°	1012.1	1045.6	1085.4	1140.8
20°	979.6	1004.8	1056.0	1114.7
22.5°	938.8	980.7	1028.8	1090.6
25°	906.4	943.0	991.2	1061.3
27.5°	866.6	909.5	968.1	1029.9
30°	834.2	869.7	924.2	998.5
32.5°	796.5	838.3	894.9	968.1
35°	763.0	798.6	852.0	926.3
37.5°	723.2	761.9	821.6	887.5
40°	688.7	726.4	782.9	844.6
42.5°	646.8	686.6	743.1	795.4
45°	613.3	650.0	695.0	743.1
47.5°	572.5	611.2	655.2	688.7
50°	535.9	571.5	606.0	634.3
52.5°	496.1	528.5	559.9	580.9
55°	459.5	484.6	509.7	524.4
57.5°	416.6	440.6	461.6	469.9
60°	378.9	398.8	412.4	421.8
62.5°	339.1	353.8	364.2	369.5
65°	300.4	310.8	316.1	321.3
67.5°	260.6	270.0	273.2	279.4
70°	218.7	229.2	231.3	234.4
72.5°	187.3	187.3	191.5	195.7
75°	149.7	151.8	153.9	153.9
77.5°	117.2	117.2	119.3	120.4
80°	85.8	86.9	86.9	85.8
82.5°	58.6	60.7	58.6	57.6
85°	32.4	36.6	34.5	34.5
87.5°	13.6	13.6	15.7	13.6
90°	8.8	5.9	3.9	2.0
92.5°	40.3	31.4	21.6	14.7
95°	63.9	47.2	36.4	33.4
97.5°	77.6	62.9	54.0	53.1
100°	94.3	80.6	73.7	72.7
102.5°	114.0	101.2	95.3	93.3
105°	134.6	122.8	116.9	114.0
107.5°	156.2	144.4	138.5	135.6
110°	177.9	167.0	162.1	159.2

TEST NUMBER: P1012718

CATALOG NUMBER: S123RDIP-B775D1025UB40-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
112.5°	199.5	188.7	183.7	180.8
115°	221.1	211.3	205.4	201.4
117.5°	240.7	231.9	227.0	222.1
120°	261.4	251.5	246.6	243.7
122.5°	281.0	270.2	265.3	262.4
125°	298.7	287.9	282.0	280.0
127.5°	314.4	303.6	296.7	293.8
130°	330.2	318.4	309.5	306.6
132.5°	344.9	330.2	320.3	316.4
135°	357.7	342.9	332.1	328.2
137.5°	369.5	353.7	342.9	339.0
140°	380.3	364.5	354.7	349.8
142.5°	390.1	376.3	365.5	361.6
145°	400.9	386.2	377.3	374.4
147.5°	410.7	398.0	389.1	387.1
150°	421.5	408.8	400.9	399.9
152.5°	431.4	420.6	412.7	412.7
155°	441.2	431.4	425.5	425.5
157.5°	450.0	441.2	436.3	435.3
160°	458.9	451.0	447.1	447.1
162.5°	464.8	458.9	455.9	455.9
165°	470.7	465.8	463.8	464.8
167.5°	475.6	471.7	470.7	471.7
170°	479.5	476.6	475.6	477.6
172.5°	482.5	480.5	480.5	481.5
175°	484.4	482.5	483.4	484.4
177.5°	485.4	484.4	485.4	486.4
180°	485.4	485.4	485.4	485.4

(END OF REPORT)