

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: P1026649

Luminaire Tested: S124RDIP-B795D810UB27-4F0-XX-W2A-A

Issue Date: 5/6/2025

Test Information

Test Method: LM-79-2019
Report Number: P1026649
REPORT IS A COMBINATION OF REPORTS P999779 AND P1007351
Test Lab: INNOVATION CENTER
Issue Date: 5/6/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: NEO-RAY
Catalog Number: S124RDIP-B795D810UB27-4F0-XX-W2A-A
Description: Define 4 Regressed Direct/Indirect Pendant with 2700K BioUP LEDs {m-DER=0.473}
{m-EER=0.52}
Light Source: -
Ballast/Driver: -

Summary

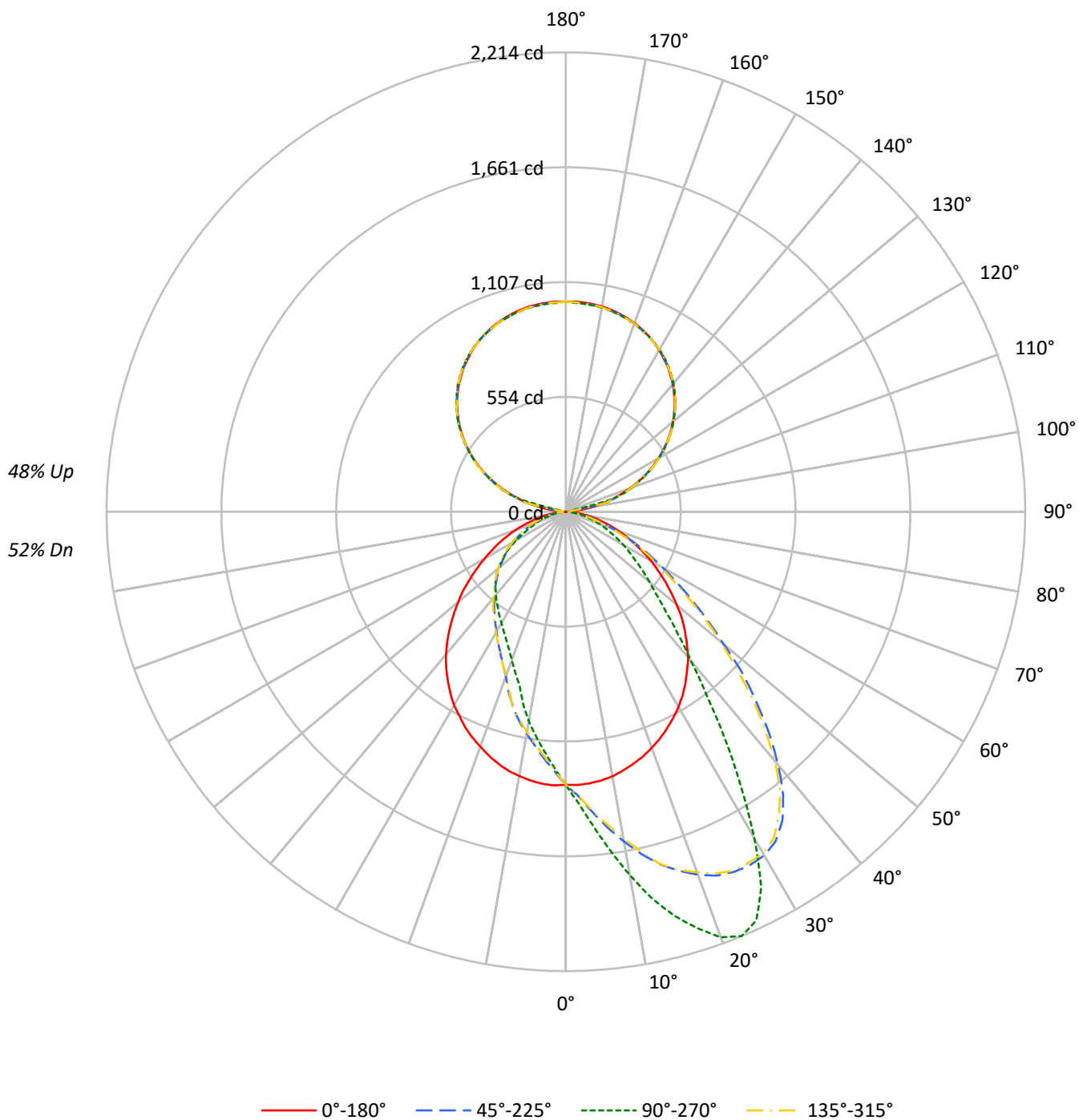
Lumens per Lamp: N/A
Luminaire Lumens: 6460.0 lumens
Efficiency: N/A
Efficacy: 113.3 lumens/watt
Spacing Criteria (0/90/45): 1.22 / 1.27 / 1.38
Luminous Opening: Rectangular w/ Sides (W: 0.33' x L: 4' x H: 0.1')
CIE Type: General Diffuse

Input Watts (W): 57
Input Voltage (V):
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT

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Luminous Intensity Polar Plot



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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20					20					20					20
RC	80				70					50					30					0
RW	70	50	30	10	70	50	30	10		50	30	10		50	30	10		50	30	10
RCR																				
0	108	108	108	108	99	99	99	99		84	84	84		70	70	70		58	58	58
1	99	94	91	87	91	88	84	81		75	72	70		63	61	60		52	51	50
2	90	83	77	72	83	77	72	68		66	62	59		56	53	50		46	44	42
3	83	73	66	61	76	68	62	57		58	54	50		49	46	43		41	39	37
4	76	65	58	52	70	61	54	49		52	47	43		44	40	37		37	34	32
5	70	58	50	45	64	54	47	42		47	41	37		40	36	33		34	30	28
6	64	52	45	39	59	49	42	37		42	37	33		36	32	29		31	27	25
7	60	47	40	34	55	44	37	32		39	33	29		33	29	26		28	25	22
8	55	43	36	30	51	40	34	29		35	30	26		30	26	23		26	22	20
9	52	39	32	27	48	37	30	26		32	27	23		28	24	21		24	21	18
10	48	36	29	24	45	34	28	23		30	25	21		26	22	19		22	19	17

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	10729	10729	10729	10729
5°	10729	12123	10746	9266
10°	10672	13976	10664	8058
15°	10545	15729	10545	6747
20°	10412	17053	10357	5942
25°	10250	17126	10203	5366
30°	10077	14563	9999	4970
35°	9833	10988	9709	4675
40°	9562	7963	9374	4445
45°	9113	6052	8887	4241
50°	8581	4891	8346	3942
55°	8004	4050	7742	3545
60°	7425	3425	7094	2949
65°	6699	2789	6485	2344
70°	6033	2262	5747	1903
75°	5285	1631	4919	1396
80°	4360	1081	3969	1026
85°	3165	555	2620	555

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 35°

Vertical Angle: 45°

Luminance: 13432 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	127.4	2.0
10°-20°	384.7	6.0
20°-30°	602.7	9.3
30°-40°	669.2	10.4
40°-50°	593.0	9.2
50°-60°	462.2	7.2
60°-70°	302.3	4.7
70°-80°	148.3	2.3
80°-90°	38.2	0.6
90°-100°	33.6	0.5
100°-110°	221.3	3.4
110°-120°	422.5	6.5
120°-130°	536.4	8.3
130°-140°	573.8	8.9
140°-150°	536.5	8.3
150°-160°	432.7	6.7
160°-170°	279.0	4.3
170°-180°	96.2	1.5
0°-30°	1114.8	17.3
0°-40°	1784.0	27.6
0°-60°	2839.2	44.0
0°-90°	3328.1	51.5
90°-120°	677.4	10.5
90°-150°	2324.0	36.0
90°-180°	3132.0	48.5
0°-180°	6460.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1316	1316	1316	1316	1316	
5°	1314	1520	1316	1162	1314	125
15°	1257	2014	1257	864	1257	355
25°	1152	2172	1147	681	1152	531
35°	1005	1338	992	569	1005	628
45°	810	684	790	479	810	625
55°	583	408	564	357	583	521
65°	366	238	354	200	366	365
75°	183	110	171	94	183	195
85°	44	26	36	26	44	49
90°	2	23	2	23	2	5
95°	42	22	42	22	42	51
105°	228	216	228	216	228	238
115°	425	428	425	428	425	419
125°	598	603	598	603	598	534
135°	742	747	742	747	742	572
145°	855	860	855	860	855	535
155°	938	937	938	937	938	432
165°	989	985	989	985	989	280
175°	1012	1006	1012	1006	1012	96
180°	1012	1012	1012	1012	1012	

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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	1315.7	1315.7	1315.7	1315.7	1315.7	1315.7	1315.7	1315.7	1315.7	1315.7	1315.7
2.5°	1317.8	1329.5	1335.9	1341.2	1351.8	1356.0	1364.5	1366.6	1375.1	1374.0	1370.9
5°	1313.6	1333.7	1348.6	1364.5	1383.6	1394.2	1405.8	1422.8	1431.3	1443.0	1450.4
7.5°	1306.2	1333.7	1358.1	1382.5	1413.3	1430.2	1445.1	1471.6	1493.8	1512.9	1534.1
10°	1294.5	1329.5	1365.6	1398.4	1440.8	1461.0	1483.2	1522.5	1553.2	1579.7	1613.6
12.5°	1276.5	1325.3	1365.6	1410.1	1464.2	1491.7	1521.4	1568.1	1604.1	1647.6	1690.0
15°	1257.4	1311.5	1364.5	1422.8	1484.3	1516.1	1545.8	1608.3	1663.5	1713.3	1760.0
17.5°	1236.2	1295.6	1353.9	1418.6	1492.8	1532.0	1567.0	1642.3	1702.7	1767.4	1814.0
20°	1210.8	1275.4	1342.2	1414.3	1498.1	1541.6	1580.8	1666.7	1733.4	1803.4	1861.7
22.5°	1183.2	1253.2	1326.3	1404.8	1491.7	1539.4	1585.0	1677.3	1754.7	1819.3	1897.8
25°	1152.5	1226.7	1301.9	1384.6	1482.2	1534.1	1580.8	1672.0	1754.7	1839.5	1915.8
27.5°	1120.6	1197.0	1275.4	1362.4	1462.0	1512.9	1565.9	1653.9	1750.4	1842.7	1920.0
30°	1085.7	1159.9	1242.6	1325.3	1431.3	1482.2	1536.3	1631.7	1736.6	1828.9	1912.6
32.5°	1047.5	1123.8	1202.3	1288.2	1392.1	1447.2	1497.0	1605.2	1712.2	1803.4	1881.9
35°	1005.1	1077.2	1151.4	1239.4	1342.2	1392.1	1451.4	1563.8	1672.0	1768.4	1819.3
37.5°	959.5	1028.4	1097.3	1184.3	1282.9	1343.3	1401.6	1515.0	1629.5	1694.2	1720.7
40°	917.1	977.5	1037.9	1121.7	1221.4	1283.9	1343.3	1461.0	1561.7	1611.5	1591.4
42.5°	863.0	925.6	979.6	1057.0	1157.8	1216.1	1276.5	1398.4	1480.1	1500.2	1450.4
45°	810.0	862.0	913.9	989.2	1095.2	1145.0	1209.7	1323.1	1391.0	1373.0	1299.8
47.5°	758.1	800.5	849.2	922.4	1017.8	1077.2	1137.6	1236.2	1283.9	1258.5	1156.7
50°	696.6	739.0	789.9	853.5	945.7	1003.0	1050.7	1141.9	1177.9	1115.3	992.4
52.5°	638.2	675.4	718.8	778.2	866.2	918.1	970.1	1048.6	1060.2	988.1	858.8
55°	583.1	612.8	658.4	706.1	786.7	841.8	877.9	944.7	941.5	851.4	740.0
57.5°	525.9	553.4	584.2	634.0	710.3	751.7	790.9	849.2	818.5	742.1	631.9
60°	475.0	490.9	521.6	569.3	634.0	670.1	700.8	732.6	706.1	623.4	538.6
62.5°	418.8	436.8	459.1	497.2	554.5	588.4	610.7	624.5	596.9	533.3	455.9
65°	365.8	381.7	405.0	438.9	482.4	507.8	519.5	529.0	514.2	442.1	380.6
67.5°	318.1	328.7	349.9	372.1	418.8	425.1	441.0	445.3	415.6	360.5	311.7
70°	270.4	281.0	290.5	317.0	338.2	349.9	353.1	353.1	323.4	287.3	247.0
72.5°	225.8	232.2	241.7	259.8	271.4	279.9	284.1	278.8	251.3	221.6	191.9
75°	183.4	186.6	195.1	206.7	216.3	213.1	212.0	205.7	185.5	164.3	147.4
77.5°	141.0	143.1	152.7	155.9	155.9	159.0	154.8	148.4	131.5	115.6	108.1
80°	106.0	109.2	110.3	112.4	110.3	110.3	107.1	96.5	88.0	80.6	75.3
82.5°	73.2	75.3	76.3	73.2	75.3	72.1	66.8	59.4	54.1	53.0	50.9
85°	43.5	44.5	43.5	43.5	40.3	39.2	35.0	33.9	31.8	31.8	30.7
87.5°	21.2	20.1	18.0	15.9	15.9	14.8	15.9	13.8	15.9	14.8	13.8
90°	2.3	4.1	6.0	7.8	9.7	10.6	11.3	12.6	14.0	15.3	16.7
92.5°	11.4	11.0	10.7	10.3	10.0	9.8	10.5	11.8	13.2	14.5	15.9
95°	41.6	35.9	30.2	24.5	18.8	15.9	16.0	16.2	16.3	16.5	16.7
97.5°	79.5	83.2	86.9	90.6	94.3	96.1	87.3	69.6	52.0	34.3	16.7
100°	124.2	127.2	130.2	133.3	136.3	137.8	126.2	103.0	79.7	56.5	33.3
102.5°	174.1	176.1	178.1	180.2	182.2	183.2	184.2	186.2	188.3	190.3	192.3
105°	227.9	228.9	229.9	230.9	231.9	232.4	232.8	233.7	234.5	235.4	236.2
107.5°	277.1	277.6	278.1	278.6	279.1	279.3	279.9	281.1	282.2	283.4	284.6
110°	327.0	327.5	328.0	328.5	329.0	329.3	329.8	330.8	331.8	332.8	333.8

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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	375.5	376.5	377.5	378.5	379.5	380.0	380.2	380.5	380.8	381.2	381.5
115°	425.4	425.9	426.4	426.9	427.4	427.7	427.6	427.5	427.3	427.2	427.0
117.5°	470.1	470.8	471.4	472.1	472.8	473.1	473.4	473.9	474.4	474.9	475.4
120°	515.5	516.2	516.9	517.6	518.3	518.6	518.5	518.3	518.2	518.0	517.8
122.5°	557.9	558.2	558.6	558.9	559.2	559.4	559.6	559.9	560.3	560.6	561.0
125°	598.0	598.7	599.4	600.1	600.8	601.1	600.9	600.6	600.3	599.9	599.6
127.5°	636.7	636.9	637.0	637.2	637.3	637.4	637.8	638.7	639.5	640.4	641.2
130°	673.7	673.9	674.1	674.2	674.4	674.5	674.8	675.3	675.8	676.3	676.8
132.5°	707.8	708.1	708.5	708.8	709.1	709.3	709.6	710.3	711.0	711.7	712.4
135°	741.9	741.7	741.5	741.4	741.2	741.1	741.4	742.1	742.8	743.5	744.2
137.5°	772.2	772.2	772.2	772.2	772.2	772.2	772.6	773.4	774.3	775.1	775.9
140°	801.7	802.0	802.4	802.7	803.0	803.2	803.4	803.7	804.0	804.4	804.7
142.5°	828.2	828.9	829.5	830.2	830.9	831.2	831.3	831.5	831.6	831.8	832.0
145°	855.4	855.9	856.4	856.9	857.4	857.7	857.7	857.7	857.7	857.7	857.7
147.5°	876.6	877.6	878.6	879.7	880.7	881.2	881.1	880.9	880.8	880.6	880.4
150°	900.1	900.8	901.4	902.1	902.8	903.1	903.0	902.9	902.7	902.6	902.4
152.5°	919.8	920.3	920.8	921.3	921.8	922.1	921.9	921.6	921.2	920.9	920.5
155°	937.9	938.1	938.3	938.4	938.6	938.7	938.4	937.9	937.4	936.9	936.4
157.5°	953.8	953.8	953.8	953.8	953.8	953.8	953.5	952.8	952.1	951.5	950.8
160°	967.5	967.0	966.5	966.0	965.5	965.2	965.1	964.9	964.8	964.6	964.4
162.5°	979.6	978.9	978.3	977.6	976.9	976.6	976.5	976.3	976.2	976.0	975.8
165°	989.4	988.6	987.7	986.9	986.0	985.6	985.6	985.6	985.6	985.6	985.6
167.5°	997.8	997.0	996.1	995.3	994.4	994.0	993.9	993.7	993.6	993.4	993.2
170°	1004.6	1003.6	1002.6	1001.5	1000.5	1000.0	1000.1	1000.3	1000.4	1000.6	1000.8
172.5°	1009.1	1008.1	1007.1	1006.1	1005.1	1004.6	1004.7	1004.8	1005.0	1005.1	1005.3
175°	1012.1	1011.1	1010.1	1009.1	1008.1	1007.6	1007.7	1007.9	1008.0	1008.2	1008.4
177.5°	1014.4	1013.2	1012.0	1010.9	1009.7	1009.1	1009.3	1009.6	1009.9	1010.3	1010.6
180°	1012.1	1012.1	1012.1	1012.1	1012.1	1012.1	1012.1	1012.1	1012.1	1012.1	1012.1

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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	1315.7	1315.7	1315.7	1315.7	1315.7	1315.7	1315.7	1315.7	1315.7	1315.7	1315.7
2.5°	1379.3	1391.0	1392.1	1402.7	1399.5	1394.2	1403.7	1397.4	1410.1	1405.8	1411.1
5°	1459.9	1475.8	1489.6	1498.1	1512.9	1509.7	1525.6	1520.3	1532.0	1520.3	1535.2
7.5°	1554.3	1580.8	1594.6	1616.8	1623.2	1624.2	1643.3	1647.6	1655.0	1647.6	1656.1
10°	1646.5	1678.3	1710.1	1728.1	1739.8	1755.7	1772.7	1780.1	1785.4	1778.0	1783.3
12.5°	1730.3	1780.1	1815.1	1851.1	1859.6	1873.4	1891.4	1889.3	1910.5	1906.3	1915.8
15°	1807.7	1862.8	1905.2	1933.8	1957.2	1968.8	2002.7	2004.9	2003.8	2014.4	2008.0
17.5°	1876.6	1923.2	1983.7	2020.8	2049.4	2049.4	2068.5	2107.7	2104.5	2103.5	2109.8
20°	1932.8	1985.8	2042.0	2104.5	2127.8	2132.1	2158.6	2178.7	2181.9	2181.9	2181.9
22.5°	1975.2	2037.7	2098.2	2142.7	2160.7	2175.6	2198.9	2211.6	2215.8	2213.7	2215.8
25°	1996.4	2055.8	2117.2	2157.5	2168.1	2176.6	2178.7	2186.2	2185.1	2172.4	2179.8
27.5°	2000.6	2057.9	2098.2	2108.8	2103.5	2098.2	2064.2	2067.4	2057.9	2038.8	2046.2
30°	1981.5	2012.3	2011.2	1978.4	1968.8	1946.6	1915.8	1870.2	1833.1	1817.2	1822.5
32.5°	1912.6	1912.6	1874.5	1800.2	1767.4	1727.1	1672.0	1630.6	1581.8	1571.2	1591.4
35°	1817.2	1763.1	1693.2	1595.6	1545.8	1516.1	1420.7	1391.0	1349.7	1338.0	1347.5
37.5°	1668.8	1578.7	1476.9	1385.7	1343.3	1290.3	1206.5	1164.1	1134.4	1114.3	1123.8
40°	1502.3	1393.1	1287.1	1174.7	1128.1	1084.6	1022.0	983.9	936.2	938.3	941.5
42.5°	1343.3	1215.0	1096.3	992.4	947.8	911.8	868.3	821.7	804.7	799.4	794.1
45°	1174.7	1037.9	926.6	849.2	808.9	775.0	734.7	708.2	688.1	683.8	689.1
47.5°	1015.7	900.1	794.1	722.0	689.1	672.2	640.4	616.0	603.3	592.7	599.0
50°	871.5	763.4	678.5	618.1	594.8	583.1	553.4	540.7	528.0	524.8	523.7
52.5°	752.8	660.5	587.4	538.6	520.6	514.2	491.9	473.9	463.3	466.5	468.6
55°	644.6	566.2	508.9	469.7	454.8	447.4	431.5	418.8	411.4	408.2	410.3
57.5°	549.2	481.3	440.0	408.2	396.5	393.3	376.4	372.1	366.8	363.7	363.7
60°	462.3	414.5	376.4	358.4	345.6	342.4	329.7	324.4	323.4	320.2	318.1
62.5°	389.1	349.9	323.4	304.3	299.0	297.9	289.4	283.1	279.9	277.8	277.8
65°	325.5	296.9	274.6	260.8	256.6	254.5	244.9	242.8	240.7	238.5	237.5
67.5°	271.4	246.0	230.1	220.5	215.2	216.3	211.0	206.7	206.7	205.7	204.6
70°	219.5	203.6	189.8	184.5	182.4	180.2	178.1	174.9	173.9	173.9	173.9
72.5°	172.8	162.2	154.8	151.6	149.5	147.4	145.2	145.2	145.2	144.2	144.2
75°	132.5	128.3	123.0	119.8	119.8	121.9	118.7	115.6	112.4	110.3	111.3
77.5°	99.7	97.5	94.4	89.1	90.1	88.0	88.0	85.9	86.9	86.9	84.8
80°	73.2	70.0	68.9	65.7	66.8	65.7	64.7	64.7	62.6	62.6	62.6
82.5°	50.9	47.7	47.7	46.6	45.6	45.6	44.5	44.5	45.6	43.5	43.5
85°	30.7	29.7	29.7	27.6	27.6	27.6	27.6	28.6	27.6	26.5	26.5
87.5°	13.8	14.8	13.8	12.7	12.7	12.7	11.7	11.7	10.6	11.7	11.7
90°	17.7	18.7	19.7	20.7	21.2	21.4	21.7	22.0	22.4	22.7	22.4
92.5°	16.9	17.9	18.9	19.9	20.4	20.4	20.4	20.4	20.4	20.4	20.4
95°	17.7	18.7	19.7	20.7	21.2	21.3	21.5	21.6	21.8	22.0	21.8
97.5°	17.5	18.3	19.2	20.0	20.4	20.5	20.7	20.8	21.0	21.2	21.0
100°	30.4	27.6	24.7	21.8	20.4	20.5	20.7	20.8	21.0	21.2	21.0
102.5°	154.5	116.6	78.8	40.9	22.0	22.0	22.0	22.0	22.0	22.0	22.0
105°	237.7	239.2	240.7	242.2	243.0	240.0	233.9	227.9	221.8	215.8	221.8
107.5°	285.4	286.3	287.1	288.0	288.4	288.7	289.4	290.1	290.8	291.5	290.8
110°	334.2	334.5	334.9	335.2	335.4	335.6	336.1	336.6	337.1	337.6	337.1

TEST NUMBER: P1026649

CATALOG NUMBER: S124RDIP-B795D810UB27-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	381.3	381.2	381.0	380.9	380.8	381.1	381.8	382.5	383.1	383.8	383.1
115°	427.3	427.7	428.0	428.3	428.5	428.5	428.5	428.5	428.5	428.5	428.5
117.5°	475.2	475.1	474.9	474.8	474.7	474.7	474.7	474.7	474.7	474.7	474.7
120°	518.1	518.5	518.8	519.1	519.3	519.1	518.8	518.5	518.1	517.8	518.1
122.5°	561.2	561.3	561.5	561.6	561.7	561.5	561.2	560.9	560.5	560.2	560.5
125°	600.1	600.6	601.1	601.6	601.8	601.9	602.1	602.2	602.4	602.6	602.4
127.5°	641.0	640.8	640.7	640.5	640.4	640.3	640.2	640.0	639.9	639.7	639.9
130°	677.0	677.1	677.3	677.4	677.5	677.5	677.5	677.5	677.5	677.5	677.5
132.5°	712.6	712.7	712.9	713.0	713.1	713.0	712.9	712.7	712.6	712.4	712.6
135°	744.5	744.9	745.2	745.5	745.7	745.9	746.2	746.5	746.9	747.2	746.9
137.5°	776.3	776.6	777.0	777.3	777.5	777.4	777.2	777.1	776.9	776.7	776.9
140°	805.2	805.7	806.2	806.7	807.0	807.1	807.2	807.4	807.5	807.7	807.5
142.5°	832.3	832.7	833.0	833.3	833.5	833.5	833.5	833.5	833.5	833.5	833.5
145°	857.9	858.1	858.2	858.4	858.5	858.7	859.0	859.3	859.7	860.0	859.7
147.5°	880.6	880.8	880.9	881.1	881.2	881.3	881.4	881.6	881.7	881.9	881.7
150°	902.4	902.4	902.4	902.4	902.4	902.5	902.6	902.8	902.9	903.1	902.9
152.5°	920.9	921.2	921.6	921.9	922.1	922.0	921.8	921.7	921.5	921.3	921.5
155°	937.1	937.8	938.5	939.2	939.5	939.2	938.7	938.2	937.7	937.2	937.7
157.5°	951.6	952.5	953.3	954.2	954.6	954.2	953.3	952.5	951.6	950.8	951.6
160°	965.4	966.4	967.5	968.5	969.0	968.5	967.5	966.4	965.4	964.4	965.4
162.5°	976.8	977.8	978.8	979.8	980.3	979.7	978.5	977.4	976.2	975.0	976.2
165°	987.0	988.3	989.7	991.0	991.7	990.9	989.4	987.9	986.4	984.9	986.4
167.5°	994.7	996.2	997.7	999.2	1000.0	999.2	997.5	995.8	994.2	992.5	994.2
170°	1002.1	1003.5	1004.8	1006.1	1006.8	1006.0	1004.3	1002.6	1001.0	999.3	1001.0
172.5°	1006.7	1008.0	1009.4	1010.7	1011.4	1010.5	1008.6	1006.8	1004.9	1003.1	1004.9
175°	1009.9	1011.4	1012.9	1014.4	1015.2	1014.2	1012.2	1010.1	1008.1	1006.1	1008.1
177.5°	1012.0	1013.3	1014.7	1016.0	1016.7	1015.7	1013.7	1011.6	1009.6	1007.6	1009.6
180°	1012.1	1012.1	1012.1	1012.1	1012.1	1012.1	1012.1	1012.1	1012.1	1012.1	1012.1

TEST NUMBER: P1026649

CATALOG NUMBER: S124RDIP-B795D810UB27-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	1315.7	1315.7	1315.7	1315.7	1315.7	1315.7	1315.7	1315.7	1315.7	1315.7	1315.7
2.5°	1414.3	1406.9	1405.8	1405.8	1394.2	1400.5	1387.8	1374.0	1367.7	1367.7	1356.0
5°	1532.0	1524.6	1517.2	1505.5	1505.5	1499.1	1479.0	1458.9	1444.0	1431.3	1417.5
7.5°	1652.9	1645.5	1624.2	1612.6	1618.9	1606.2	1579.7	1545.8	1520.3	1500.2	1471.6
10°	1784.3	1764.2	1753.6	1747.2	1725.0	1711.2	1680.4	1630.6	1598.8	1572.3	1535.2
12.5°	1891.4	1897.8	1857.5	1860.7	1838.4	1819.3	1771.6	1723.9	1676.2	1639.1	1584.0
15°	2007.0	1987.9	1963.5	1944.4	1937.0	1913.7	1873.4	1809.8	1757.8	1699.5	1637.0
17.5°	2098.2	2083.3	2060.0	2042.0	2026.1	1969.9	1936.0	1879.8	1808.7	1751.5	1675.1
20°	2175.6	2161.8	2128.9	2117.2	2088.6	2048.3	1999.6	1912.6	1849.0	1786.5	1712.2
22.5°	2208.4	2194.6	2166.0	2151.2	2133.2	2093.9	2047.3	1964.6	1886.1	1807.7	1729.2
25°	2180.9	2180.9	2167.1	2161.8	2145.9	2110.9	2063.2	1993.2	1909.4	1824.6	1731.3
27.5°	2047.3	2073.8	2083.3	2088.6	2088.6	2089.7	2056.8	1989.0	1907.3	1824.6	1727.1
30°	1854.3	1898.8	1938.1	1949.7	1969.9	1992.1	2005.9	1973.1	1899.9	1813.0	1715.4
32.5°	1611.5	1668.8	1741.9	1760.0	1787.5	1854.3	1891.4	1905.2	1864.9	1788.6	1684.7
35°	1369.8	1441.9	1486.4	1541.6	1567.0	1665.6	1748.3	1798.1	1788.6	1743.0	1648.6
37.5°	1158.8	1200.2	1254.2	1312.5	1363.4	1457.8	1560.6	1657.1	1696.3	1674.1	1603.0
40°	956.3	1005.1	1069.8	1117.5	1152.5	1246.8	1374.0	1479.0	1564.9	1578.7	1535.2
42.5°	813.2	862.0	901.2	953.1	980.7	1071.9	1184.3	1315.7	1417.5	1471.6	1452.5
45°	702.9	732.6	764.4	794.1	828.0	908.6	1012.5	1156.7	1271.2	1347.5	1355.0
47.5°	606.4	632.9	660.5	688.1	707.2	769.7	865.1	982.8	1107.9	1212.9	1254.2
50°	538.6	551.3	571.5	587.4	609.6	663.7	740.0	841.8	974.3	1087.8	1141.9
52.5°	471.8	487.7	503.6	517.4	532.2	570.4	640.4	728.4	842.9	959.5	1026.3
55°	415.6	428.3	443.2	452.7	461.2	495.1	548.1	616.0	714.6	824.8	907.5
57.5°	370.0	375.3	388.0	393.3	402.9	430.4	468.6	529.0	608.6	715.6	783.5
60°	320.2	330.8	340.3	344.6	352.0	371.1	397.6	453.8	522.7	601.1	678.5
62.5°	279.9	284.1	291.6	296.9	302.2	322.3	344.6	387.0	438.9	504.7	575.7
65°	242.8	244.9	249.2	256.6	259.8	274.6	287.3	318.1	366.8	416.7	487.7
67.5°	204.6	206.7	212.0	216.3	219.5	229.0	242.8	265.1	291.6	346.7	385.9
70°	174.9	174.9	178.1	180.2	183.4	187.7	195.1	212.0	236.4	271.4	307.5
72.5°	146.3	146.3	146.3	149.5	149.5	152.7	156.9	168.6	185.5	213.1	236.4
75°	113.4	114.5	116.6	116.6	117.7	121.9	125.1	128.3	136.8	154.8	176.0
77.5°	85.9	88.0	89.1	86.9	89.1	89.1	93.3	97.5	101.8	107.1	123.0
80°	63.6	64.7	62.6	63.6	63.6	65.7	67.9	66.8	68.9	75.3	79.5
82.5°	42.4	43.5	43.5	43.5	43.5	46.6	46.6	45.6	46.6	47.7	48.8
85°	26.5	25.4	25.4	26.5	25.4	25.4	26.5	27.6	26.5	27.6	28.6
87.5°	11.7	11.7	11.7	11.7	10.6	10.6	11.7	10.6	11.7	10.6	9.5
90°	22.0	21.7	21.4	21.2	20.7	19.7	18.7	17.7	16.7	15.3	14.0
92.5°	20.4	20.4	20.4	20.4	19.9	18.9	17.9	16.9	15.9	14.5	13.2
95°	21.6	21.5	21.3	21.2	20.7	19.7	18.7	17.7	16.7	16.5	16.3
97.5°	20.8	20.7	20.5	20.4	20.0	19.2	18.3	17.5	16.7	34.3	52.0
100°	20.8	20.7	20.5	20.4	21.8	24.7	27.6	30.4	33.3	56.5	79.7
102.5°	22.0	22.0	22.0	22.0	40.9	78.8	116.6	154.5	192.3	190.3	188.3
105°	227.9	233.9	240.0	243.0	242.2	240.7	239.2	237.7	236.2	235.4	234.5
107.5°	290.1	289.4	288.7	288.4	288.0	287.1	286.3	285.4	284.6	283.4	282.2
110°	336.6	336.1	335.6	335.4	335.2	334.9	334.5	334.2	333.8	332.8	331.8

TEST NUMBER: P1026649

CATALOG NUMBER: S124RDIP-B795D810UB27-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	382.5	381.8	381.1	380.8	380.9	381.0	381.2	381.3	381.5	381.2	380.8
115°	428.5	428.5	428.5	428.5	428.3	428.0	427.7	427.3	427.0	427.2	427.3
117.5°	474.7	474.7	474.7	474.7	474.8	474.9	475.1	475.2	475.4	474.9	474.4
120°	518.5	518.8	519.1	519.3	519.1	518.8	518.5	518.1	517.8	518.0	518.2
122.5°	560.9	561.2	561.5	561.7	561.6	561.5	561.3	561.2	561.0	560.6	560.3
125°	602.2	602.1	601.9	601.8	601.6	601.1	600.6	600.1	599.6	599.9	600.3
127.5°	640.0	640.2	640.3	640.4	640.5	640.7	640.8	641.0	641.2	640.4	639.5
130°	677.5	677.5	677.5	677.5	677.4	677.3	677.1	677.0	676.8	676.3	675.8
132.5°	712.7	712.9	713.0	713.1	713.0	712.9	712.7	712.6	712.4	711.7	711.0
135°	746.5	746.2	745.9	745.7	745.5	745.2	744.9	744.5	744.2	743.5	742.8
137.5°	777.1	777.2	777.4	777.5	777.3	777.0	776.6	776.3	775.9	775.1	774.3
140°	807.4	807.2	807.1	807.0	806.7	806.2	805.7	805.2	804.7	804.4	804.0
142.5°	833.5	833.5	833.5	833.5	833.3	833.0	832.7	832.3	832.0	831.8	831.6
145°	859.3	859.0	858.7	858.5	858.4	858.2	858.1	857.9	857.7	857.7	857.7
147.5°	881.6	881.4	881.3	881.2	881.1	880.9	880.8	880.6	880.4	880.6	880.8
150°	902.8	902.6	902.5	902.4	902.4	902.4	902.4	902.4	902.4	902.6	902.7
152.5°	921.7	921.8	922.0	922.1	921.9	921.6	921.2	920.9	920.5	920.9	921.2
155°	938.2	938.7	939.2	939.5	939.2	938.5	937.8	937.1	936.4	936.9	937.4
157.5°	952.5	953.3	954.2	954.6	954.2	953.3	952.5	951.6	950.8	951.5	952.1
160°	966.4	967.5	968.5	969.0	968.5	967.5	966.4	965.4	964.4	964.6	964.8
162.5°	977.4	978.5	979.7	980.3	979.8	978.8	977.8	976.8	975.8	976.0	976.2
165°	987.9	989.4	990.9	991.7	991.0	989.7	988.3	987.0	985.6	985.6	985.6
167.5°	995.8	997.5	999.2	1000.0	999.2	997.7	996.2	994.7	993.2	993.4	993.6
170°	1002.6	1004.3	1006.0	1006.8	1006.1	1004.8	1003.5	1002.1	1000.8	1000.6	1000.4
172.5°	1006.8	1008.6	1010.5	1011.4	1010.7	1009.4	1008.0	1006.7	1005.3	1005.1	1005.0
175°	1010.1	1012.2	1014.2	1015.2	1014.4	1012.9	1011.4	1009.9	1008.4	1008.2	1008.0
177.5°	1011.6	1013.7	1015.7	1016.7	1016.0	1014.7	1013.3	1012.0	1010.6	1010.3	1009.9
180°	1012.1	1012.1	1012.1	1012.1	1012.1	1012.1	1012.1	1012.1	1012.1	1012.1	1012.1

TEST NUMBER: P1026649

CATALOG NUMBER: S124RDIP-B795D810UB27-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
0°	1315.7	1315.7	1315.7	1315.7	1315.7	1315.7	1315.7	1315.7	1315.7	1315.7	1315.7
2.5°	1349.7	1344.4	1341.2	1340.1	1330.6	1325.3	1322.1	1320.0	1316.8	1308.3	1300.9
5°	1400.5	1385.7	1378.3	1369.8	1355.0	1338.0	1324.2	1315.7	1305.1	1288.2	1272.3
7.5°	1448.3	1426.0	1411.1	1399.5	1374.0	1346.5	1324.2	1306.2	1286.0	1262.7	1240.5
10°	1498.1	1462.0	1443.0	1424.9	1387.8	1351.8	1320.0	1293.5	1264.8	1234.1	1209.7
12.5°	1537.3	1489.6	1468.4	1443.0	1397.4	1355.0	1314.7	1278.6	1241.5	1208.6	1173.7
15°	1582.9	1523.5	1499.1	1466.3	1403.7	1348.6	1296.6	1257.4	1219.2	1170.5	1133.4
17.5°	1609.4	1540.5	1505.5	1476.9	1409.0	1342.2	1281.8	1233.0	1188.5	1139.7	1100.5
20°	1635.9	1557.5	1518.2	1477.9	1397.4	1326.3	1262.7	1204.4	1157.8	1104.7	1064.5
22.5°	1644.4	1553.2	1511.9	1474.8	1389.9	1310.4	1237.3	1177.9	1123.8	1070.8	1025.2
25°	1644.4	1552.2	1503.4	1455.7	1366.6	1285.0	1211.8	1147.2	1086.7	1033.7	988.1
27.5°	1627.4	1530.9	1480.1	1436.6	1344.4	1256.4	1181.1	1110.0	1051.7	998.7	946.8
30°	1606.2	1500.2	1449.3	1397.4	1308.3	1224.5	1142.9	1077.2	1015.7	955.3	908.6
32.5°	1579.7	1467.3	1411.1	1358.1	1263.8	1176.8	1101.6	1036.9	978.6	916.0	864.1
35°	1541.6	1418.6	1356.0	1309.4	1218.2	1128.1	1056.0	992.4	936.2	871.5	815.3
37.5°	1492.8	1374.0	1310.4	1253.2	1158.8	1076.1	1008.3	946.8	891.6	832.3	769.7
40°	1435.5	1311.5	1256.4	1195.9	1096.3	1017.8	954.2	899.1	843.9	787.7	727.3
42.5°	1370.9	1247.9	1186.4	1128.1	1032.6	955.3	895.9	846.1	795.2	743.2	678.5
45°	1293.5	1177.9	1118.5	1063.4	971.2	891.6	837.6	789.9	746.4	693.4	636.1
47.5°	1206.5	1105.8	1045.4	986.0	895.9	827.0	774.0	733.7	696.6	643.5	591.6
50°	1121.7	1022.0	973.3	912.8	830.1	765.5	711.4	677.5	648.9	596.9	550.3
52.5°	1014.6	939.3	892.7	840.7	761.2	695.5	653.1	623.4	589.5	549.2	507.8
55°	920.3	850.3	813.2	764.4	686.0	627.6	591.6	564.0	537.5	501.5	468.6
57.5°	813.2	769.7	732.6	690.2	612.8	563.0	531.2	507.8	483.5	453.8	427.3
60°	700.8	680.7	644.6	610.7	545.0	501.5	475.0	453.8	430.4	406.1	383.8
62.5°	601.1	589.5	568.3	541.8	480.3	443.2	416.7	400.8	383.8	361.5	340.3
65°	506.8	501.5	481.3	462.3	419.8	387.0	363.7	354.1	335.0	318.1	299.0
67.5°	423.0	416.7	405.0	396.5	360.5	329.7	318.1	305.3	289.4	276.7	260.8
70°	338.2	337.1	329.7	319.1	300.0	277.8	266.1	257.6	241.7	232.2	220.5
72.5°	262.9	268.2	261.9	257.6	244.9	229.0	218.4	213.1	200.4	193.0	184.5
75°	196.1	200.4	203.6	196.1	193.0	185.5	176.0	170.7	164.3	153.7	150.6
77.5°	133.6	143.1	143.1	145.2	146.3	142.1	134.6	130.4	123.0	120.9	116.6
80°	88.0	96.5	97.5	99.7	102.8	102.8	97.5	96.5	89.1	88.0	84.8
82.5°	50.9	58.3	62.6	65.7	64.7	68.9	64.7	63.6	59.4	59.4	57.3
85°	27.6	28.6	30.7	32.9	35.0	37.1	37.1	36.0	35.0	33.9	31.8
87.5°	10.6	10.6	11.7	10.6	11.7	13.8	14.8	14.8	13.8	12.7	10.6
90°	12.6	11.3	10.6	9.7	7.8	6.0	4.1	2.3	4.1	6.0	7.8
92.5°	11.8	10.5	9.8	10.0	10.3	10.7	11.0	11.4	11.0	10.7	10.3
95°	16.2	16.0	15.9	18.8	24.5	30.2	35.9	41.6	35.9	30.2	24.5
97.5°	69.6	87.3	96.1	94.3	90.6	86.9	83.2	79.5	83.2	86.9	90.6
100°	103.0	126.2	137.8	136.3	133.3	130.2	127.2	124.2	127.2	130.2	133.3
102.5°	186.2	184.2	183.2	182.2	180.2	178.1	176.1	174.1	176.1	178.1	180.2
105°	233.7	232.8	232.4	231.9	230.9	229.9	228.9	227.9	228.9	229.9	230.9
107.5°	281.1	279.9	279.3	279.1	278.6	278.1	277.6	277.1	277.6	278.1	278.6
110°	330.8	329.8	329.3	329.0	328.5	328.0	327.5	327.0	327.5	328.0	328.5

TEST NUMBER: P1026649

CATALOG NUMBER: S124RDIP-B795D810UB27-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
112.5°	380.5	380.2	380.0	379.5	378.5	377.5	376.5	375.5	376.5	377.5	378.5
115°	427.5	427.6	427.7	427.4	426.9	426.4	425.9	425.4	425.9	426.4	426.9
117.5°	473.9	473.4	473.1	472.8	472.1	471.4	470.8	470.1	470.8	471.4	472.1
120°	518.3	518.5	518.6	518.3	517.6	516.9	516.2	515.5	516.2	516.9	517.6
122.5°	559.9	559.6	559.4	559.2	558.9	558.6	558.2	557.9	558.2	558.6	558.9
125°	600.6	600.9	601.1	600.8	600.1	599.4	598.7	598.0	598.7	599.4	600.1
127.5°	638.7	637.8	637.4	637.3	637.2	637.0	636.9	636.7	636.9	637.0	637.2
130°	675.3	674.8	674.5	674.4	674.2	674.1	673.9	673.7	673.9	674.1	674.2
132.5°	710.3	709.6	709.3	709.1	708.8	708.5	708.1	707.8	708.1	708.5	708.8
135°	742.1	741.4	741.1	741.2	741.4	741.5	741.7	741.9	741.7	741.5	741.4
137.5°	773.4	772.6	772.2	772.2	772.2	772.2	772.2	772.2	772.2	772.2	772.2
140°	803.7	803.4	803.2	803.0	802.7	802.4	802.0	801.7	802.0	802.4	802.7
142.5°	831.5	831.3	831.2	830.9	830.2	829.5	828.9	828.2	828.9	829.5	830.2
145°	857.7	857.7	857.7	857.4	856.9	856.4	855.9	855.4	855.9	856.4	856.9
147.5°	880.9	881.1	881.2	880.7	879.7	878.6	877.6	876.6	877.6	878.6	879.7
150°	902.9	903.0	903.1	902.8	902.1	901.4	900.8	900.1	900.8	901.4	902.1
152.5°	921.6	921.9	922.1	921.8	921.3	920.8	920.3	919.8	920.3	920.8	921.3
155°	937.9	938.4	938.7	938.6	938.4	938.3	938.1	937.9	938.1	938.3	938.4
157.5°	952.8	953.5	953.8	953.8	953.8	953.8	953.8	953.8	953.8	953.8	953.8
160°	964.9	965.1	965.2	965.5	966.0	966.5	967.0	967.5	967.0	966.5	966.0
162.5°	976.3	976.5	976.6	976.9	977.6	978.3	978.9	979.6	978.9	978.3	977.6
165°	985.6	985.6	985.6	986.0	986.9	987.7	988.6	989.4	988.6	987.7	986.9
167.5°	993.7	993.9	994.0	994.4	995.3	996.1	997.0	997.8	997.0	996.1	995.3
170°	1000.3	1000.1	1000.0	1000.5	1001.5	1002.6	1003.6	1004.6	1003.6	1002.6	1001.5
172.5°	1004.8	1004.7	1004.6	1005.1	1006.1	1007.1	1008.1	1009.1	1008.1	1007.1	1006.1
175°	1007.9	1007.7	1007.6	1008.1	1009.1	1010.1	1011.1	1012.1	1011.1	1010.1	1009.1
177.5°	1009.6	1009.3	1009.1	1009.7	1010.9	1012.0	1013.2	1014.4	1013.2	1012.0	1010.9
180°	1012.1	1012.1	1012.1	1012.1	1012.1	1012.1	1012.1	1012.1	1012.1	1012.1	1012.1

TEST NUMBER: P1026649

CATALOG NUMBER: S124RDIP-B795D810UB27-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
0°	1315.7	1315.7	1315.7	1315.7	1315.7	1315.7	1315.7	1315.7	1315.7	1315.7	1315.7
2.5°	1294.5	1292.4	1290.3	1281.8	1274.4	1261.7	1251.1	1246.8	1245.8	1246.8	1243.6
5°	1257.4	1256.4	1248.9	1234.1	1220.3	1205.5	1194.9	1184.3	1177.9	1177.9	1170.5
7.5°	1222.4	1215.0	1208.6	1189.6	1173.7	1153.5	1137.6	1128.1	1122.8	1111.1	1111.1
10°	1185.3	1174.7	1166.2	1148.2	1124.9	1104.7	1084.6	1072.9	1063.4	1054.9	1051.7
12.5°	1148.2	1139.7	1123.8	1104.7	1081.4	1056.0	1034.8	1026.3	1004.0	986.0	987.1
15°	1113.2	1094.1	1086.7	1059.2	1031.6	1007.2	976.5	952.1	934.0	922.4	907.5
17.5°	1074.0	1054.9	1041.1	1017.8	981.8	943.6	913.9	881.0	863.0	842.9	833.3
20°	1030.5	1014.6	1004.0	966.9	923.4	877.9	845.0	824.8	804.7	789.9	781.4
22.5°	993.4	973.3	960.6	910.7	863.0	817.4	792.0	775.0	758.1	745.3	741.1
25°	945.7	934.0	903.3	859.8	801.5	770.8	748.5	726.2	716.7	708.2	698.7
27.5°	906.5	877.9	856.7	799.4	763.4	728.4	706.1	689.1	677.5	669.0	661.6
30°	857.7	831.2	801.5	753.8	720.9	688.1	667.9	654.2	641.4	636.1	629.8
32.5°	806.8	782.4	753.8	715.6	675.4	649.9	634.0	619.2	610.7	605.4	598.0
35°	761.2	730.5	711.4	675.4	642.5	613.9	599.0	586.3	576.8	574.6	573.6
37.5°	712.5	689.1	671.1	634.0	606.4	582.1	568.3	554.5	549.2	548.1	543.9
40°	670.1	649.9	632.9	598.0	568.3	546.0	535.4	526.9	521.6	521.6	520.6
42.5°	632.9	611.7	594.8	563.0	536.5	516.3	504.7	496.2	494.1	495.1	494.1
45°	591.6	573.6	556.6	523.7	501.5	486.6	473.9	469.7	466.5	467.6	468.6
47.5°	552.4	537.5	520.6	494.1	468.6	452.7	445.3	441.0	441.0	441.0	443.2
50°	517.4	500.4	485.6	458.0	434.7	422.0	415.6	410.3	411.4	412.4	413.5
52.5°	476.0	461.2	450.6	423.0	406.1	390.2	382.7	383.8	382.7	382.7	384.9
55°	440.0	425.1	414.5	389.1	372.1	361.5	355.2	352.0	353.1	350.9	355.2
57.5°	399.7	387.0	379.6	355.2	340.3	330.8	325.5	320.2	322.3	321.2	320.2
60°	364.7	349.9	338.2	321.2	308.5	296.9	293.7	288.4	290.5	288.4	287.3
62.5°	324.4	312.8	304.3	287.3	276.7	267.2	259.8	256.6	255.5	252.3	249.2
65°	284.1	277.8	269.3	252.3	241.7	234.3	230.1	226.9	225.8	217.3	207.8
67.5°	247.0	242.8	234.3	221.6	212.0	204.6	198.3	193.0	186.6	180.2	174.9
70°	212.0	205.7	200.4	188.7	180.2	172.8	166.5	160.1	156.9	150.6	148.4
72.5°	178.1	171.8	166.5	155.9	148.4	141.0	138.9	131.5	128.3	127.2	127.2
75°	143.1	137.8	134.6	125.1	118.7	113.4	110.3	108.1	106.0	103.9	100.7
77.5°	109.2	106.0	103.9	97.5	92.2	89.1	88.0	80.6	78.5	76.3	74.2
80°	79.5	78.5	76.3	71.0	68.9	61.5	61.5	59.4	58.3	58.3	58.3
82.5°	54.1	52.0	50.9	45.6	44.5	43.5	42.4	41.3	42.4	41.3	42.4
85°	28.6	27.6	26.5	26.5	26.5	26.5	26.5	26.5	26.5	25.4	26.5
87.5°	10.6	10.6	10.6	10.6	9.5	10.6	10.6	9.5	10.6	10.6	10.6
90°	9.7	10.6	11.3	12.6	14.0	15.3	16.7	17.7	18.7	19.7	20.7
92.5°	10.0	9.8	10.5	11.8	13.2	14.5	15.9	16.9	17.9	18.9	19.9
95°	18.8	15.9	16.0	16.2	16.3	16.5	16.7	17.7	18.7	19.7	20.7
97.5°	94.3	96.1	87.3	69.6	52.0	34.3	16.7	17.5	18.3	19.2	20.0
100°	136.3	137.8	126.2	103.0	79.7	56.5	33.3	30.4	27.6	24.7	21.8
102.5°	182.2	183.2	184.2	186.2	188.3	190.3	192.3	154.5	116.6	78.8	40.9
105°	231.9	232.4	232.8	233.7	234.5	235.4	236.2	237.7	239.2	240.7	242.2
107.5°	279.1	279.3	279.9	281.1	282.2	283.4	284.6	285.4	286.3	287.1	288.0
110°	329.0	329.3	329.8	330.8	331.8	332.8	333.8	334.2	334.5	334.9	335.2

TEST NUMBER: P1026649

CATALOG NUMBER: S124RDIP-B795D810UB27-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
112.5°	379.5	380.0	380.2	380.5	380.8	381.2	381.5	381.3	381.2	381.0	380.9
115°	427.4	427.7	427.6	427.5	427.3	427.2	427.0	427.3	427.7	428.0	428.3
117.5°	472.8	473.1	473.4	473.9	474.4	474.9	475.4	475.2	475.1	474.9	474.8
120°	518.3	518.6	518.5	518.3	518.2	518.0	517.8	518.1	518.5	518.8	519.1
122.5°	559.2	559.4	559.6	559.9	560.3	560.6	561.0	561.2	561.3	561.5	561.6
125°	600.8	601.1	600.9	600.6	600.3	599.9	599.6	600.1	600.6	601.1	601.6
127.5°	637.3	637.4	637.8	638.7	639.5	640.4	641.2	641.0	640.8	640.7	640.5
130°	674.4	674.5	674.8	675.3	675.8	676.3	676.8	677.0	677.1	677.3	677.4
132.5°	709.1	709.3	709.6	710.3	711.0	711.7	712.4	712.6	712.7	712.9	713.0
135°	741.2	741.1	741.4	742.1	742.8	743.5	744.2	744.5	744.9	745.2	745.5
137.5°	772.2	772.2	772.6	773.4	774.3	775.1	775.9	776.3	776.6	777.0	777.3
140°	803.0	803.2	803.4	803.7	804.0	804.4	804.7	805.2	805.7	806.2	806.7
142.5°	830.9	831.2	831.3	831.5	831.6	831.8	832.0	832.3	832.7	833.0	833.3
145°	857.4	857.7	857.7	857.7	857.7	857.7	857.7	857.9	858.1	858.2	858.4
147.5°	880.7	881.2	881.1	880.9	880.8	880.6	880.4	880.6	880.8	880.9	881.1
150°	902.8	903.1	903.0	902.9	902.7	902.6	902.4	902.4	902.4	902.4	902.4
152.5°	921.8	922.1	921.9	921.6	921.2	920.9	920.5	920.9	921.2	921.6	921.9
155°	938.6	938.7	938.4	937.9	937.4	936.9	936.4	937.1	937.8	938.5	939.2
157.5°	953.8	953.8	953.5	952.8	952.1	951.5	950.8	951.6	952.5	953.3	954.2
160°	965.5	965.2	965.1	964.9	964.8	964.6	964.4	965.4	966.4	967.5	968.5
162.5°	976.9	976.6	976.5	976.3	976.2	976.0	975.8	976.8	977.8	978.8	979.8
165°	986.0	985.6	985.6	985.6	985.6	985.6	985.6	987.0	988.3	989.7	991.0
167.5°	994.4	994.0	993.9	993.7	993.6	993.4	993.2	994.7	996.2	997.7	999.2
170°	1000.5	1000.0	1000.1	1000.3	1000.4	1000.6	1000.8	1002.1	1003.5	1004.8	1006.1
172.5°	1005.1	1004.6	1004.7	1004.8	1005.0	1005.1	1005.3	1006.7	1008.0	1009.4	1010.7
175°	1008.1	1007.6	1007.7	1007.9	1008.0	1008.2	1008.4	1009.9	1011.4	1012.9	1014.4
177.5°	1009.7	1009.1	1009.3	1009.6	1009.9	1010.3	1010.6	1012.0	1013.3	1014.7	1016.0
180°	1012.1	1012.1	1012.1	1012.1	1012.1	1012.1	1012.1	1012.1	1012.1	1012.1	1012.1

TEST NUMBER: P1026649

CATALOG NUMBER: S124RDIP-B795D810UB27-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
0°	1315.7	1315.7	1315.7	1315.7	1315.7	1315.7	1315.7	1315.7	1315.7	1315.7	1315.7
2.5°	1243.6	1247.9	1242.6	1245.8	1238.3	1237.3	1238.3	1238.3	1239.4	1240.5	1241.5
5°	1173.7	1172.6	1166.2	1162.0	1158.8	1162.0	1164.1	1166.2	1164.1	1166.2	1167.3
7.5°	1107.9	1104.7	1101.6	1094.1	1096.3	1094.1	1100.5	1097.3	1097.3	1102.6	1106.9
10°	1049.6	1043.3	1041.1	1032.6	1026.3	1025.2	1032.6	1035.8	1039.0	1041.1	1049.6
12.5°	974.3	964.8	957.4	960.6	942.5	950.0	952.1	947.8	960.6	975.4	966.9
15°	893.8	894.8	880.0	874.7	859.8	864.1	865.1	875.7	886.3	885.3	898.0
17.5°	834.4	828.0	815.3	814.2	807.9	811.1	810.0	818.5	815.3	820.6	831.2
20°	779.3	775.0	764.4	760.2	762.3	760.2	761.2	762.3	765.5	777.1	775.0
22.5°	735.8	730.5	730.5	725.2	718.8	716.7	722.0	725.2	729.4	731.5	736.8
25°	697.6	693.4	688.1	684.9	679.6	680.7	683.8	688.1	691.3	695.5	699.7
27.5°	658.4	658.4	653.1	652.0	649.9	648.9	653.1	655.2	655.2	658.4	662.6
30°	627.6	627.6	622.3	621.3	620.2	620.2	623.4	624.5	625.5	628.7	630.8
32.5°	598.0	596.9	594.8	595.8	594.8	595.8	595.8	596.9	599.0	600.1	604.3
35°	570.4	571.5	569.3	569.3	568.3	569.3	571.5	572.5	573.6	575.7	575.7
37.5°	543.9	546.0	545.0	548.1	548.1	548.1	548.1	550.3	550.3	550.3	549.2
40°	520.6	520.6	519.5	521.6	523.7	523.7	524.8	524.8	525.9	525.9	524.8
42.5°	494.1	496.2	499.4	500.4	502.5	501.5	504.7	503.6	504.7	502.5	500.4
45°	469.7	469.7	473.9	478.2	479.2	479.2	479.2	481.3	479.2	476.0	475.0
47.5°	443.2	445.3	447.4	452.7	453.8	453.8	453.8	453.8	451.7	451.7	451.7
50°	416.7	417.7	418.8	420.9	424.1	423.0	423.0	423.0	427.3	423.0	424.1
52.5°	384.9	385.9	387.0	391.2	390.2	390.2	391.2	391.2	394.4	393.3	391.2
55°	353.1	353.1	355.2	355.2	355.2	357.3	358.4	360.5	359.4	360.5	361.5
57.5°	321.2	319.1	318.1	318.1	321.2	320.2	321.2	321.2	325.5	327.6	328.7
60°	284.1	284.1	283.1	276.7	276.7	275.7	278.8	281.0	283.1	292.6	291.6
62.5°	246.0	241.7	237.5	238.5	232.2	235.4	233.2	235.4	241.7	249.2	250.2
65°	207.8	204.6	200.4	199.3	197.2	200.4	199.3	200.4	203.6	207.8	213.1
67.5°	173.9	172.8	170.7	169.6	169.6	169.6	171.8	171.8	172.8	176.0	179.2
70°	148.4	147.4	148.4	146.3	147.4	146.3	147.4	148.4	149.5	150.6	153.7
72.5°	125.1	125.1	125.1	123.0	125.1	124.0	124.0	125.1	126.2	127.2	129.3
75°	99.7	97.5	95.4	93.3	92.2	94.4	95.4	94.4	97.5	101.8	101.8
77.5°	75.3	74.2	74.2	74.2	75.3	74.2	76.3	75.3	76.3	76.3	78.5
80°	58.3	57.3	58.3	58.3	57.3	59.4	58.3	58.3	59.4	60.4	59.4
82.5°	42.4	43.5	42.4	42.4	42.4	44.5	42.4	42.4	42.4	43.5	43.5
85°	26.5	26.5	26.5	26.5	27.6	26.5	27.6	26.5	28.6	27.6	27.6
87.5°	9.5	10.6	11.7	11.7	11.7	11.7	10.6	11.7	12.7	11.7	12.7
90°	21.2	21.4	21.7	22.0	22.4	22.7	22.4	22.0	21.7	21.4	21.2
92.5°	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4
95°	21.2	21.3	21.5	21.6	21.8	22.0	21.8	21.6	21.5	21.3	21.2
97.5°	20.4	20.5	20.7	20.8	21.0	21.2	21.0	20.8	20.7	20.5	20.4
100°	20.4	20.5	20.7	20.8	21.0	21.2	21.0	20.8	20.7	20.5	20.4
102.5°	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0
105°	243.0	240.0	233.9	227.9	221.8	215.8	221.8	227.9	233.9	240.0	243.0
107.5°	288.4	288.7	289.4	290.1	290.8	291.5	290.8	290.1	289.4	288.7	288.4
110°	335.4	335.6	336.1	336.6	337.1	337.6	337.1	336.6	336.1	335.6	335.4

TEST NUMBER: P1026649

CATALOG NUMBER: S124RDIP-B795D810UB27-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
112.5°	380.8	381.1	381.8	382.5	383.1	383.8	383.1	382.5	381.8	381.1	380.8
115°	428.5	428.5	428.5	428.5	428.5	428.5	428.5	428.5	428.5	428.5	428.5
117.5°	474.7	474.7	474.7	474.7	474.7	474.7	474.7	474.7	474.7	474.7	474.7
120°	519.3	519.1	518.8	518.5	518.1	517.8	518.1	518.5	518.8	519.1	519.3
122.5°	561.7	561.5	561.2	560.9	560.5	560.2	560.5	560.9	561.2	561.5	561.7
125°	601.8	601.9	602.1	602.2	602.4	602.6	602.4	602.2	602.1	601.9	601.8
127.5°	640.4	640.3	640.2	640.0	639.9	639.7	639.9	640.0	640.2	640.3	640.4
130°	677.5	677.5	677.5	677.5	677.5	677.5	677.5	677.5	677.5	677.5	677.5
132.5°	713.1	713.0	712.9	712.7	712.6	712.4	712.6	712.7	712.9	713.0	713.1
135°	745.7	745.9	746.2	746.5	746.9	747.2	746.9	746.5	746.2	745.9	745.7
137.5°	777.5	777.4	777.2	777.1	776.9	776.7	776.9	777.1	777.2	777.4	777.5
140°	807.0	807.1	807.2	807.4	807.5	807.7	807.5	807.4	807.2	807.1	807.0
142.5°	833.5	833.5	833.5	833.5	833.5	833.5	833.5	833.5	833.5	833.5	833.5
145°	858.5	858.7	859.0	859.3	859.7	860.0	859.7	859.3	859.0	858.7	858.5
147.5°	881.2	881.3	881.4	881.6	881.7	881.9	881.7	881.6	881.4	881.3	881.2
150°	902.4	902.5	902.6	902.8	902.9	903.1	902.9	902.8	902.6	902.5	902.4
152.5°	922.1	922.0	921.8	921.7	921.5	921.3	921.5	921.7	921.8	922.0	922.1
155°	939.5	939.2	938.7	938.2	937.7	937.2	937.7	938.2	938.7	939.2	939.5
157.5°	954.6	954.2	953.3	952.5	951.6	950.8	951.6	952.5	953.3	954.2	954.6
160°	969.0	968.5	967.5	966.4	965.4	964.4	965.4	966.4	967.5	968.5	969.0
162.5°	980.3	979.7	978.5	977.4	976.2	975.0	976.2	977.4	978.5	979.7	980.3
165°	991.7	990.9	989.4	987.9	986.4	984.9	986.4	987.9	989.4	990.9	991.7
167.5°	1000.0	999.2	997.5	995.8	994.2	992.5	994.2	995.8	997.5	999.2	1000.0
170°	1006.8	1006.0	1004.3	1002.6	1001.0	999.3	1001.0	1002.6	1004.3	1006.0	1006.8
172.5°	1011.4	1010.5	1008.6	1006.8	1004.9	1003.1	1004.9	1006.8	1008.6	1010.5	1011.4
175°	1015.2	1014.2	1012.2	1010.1	1008.1	1006.1	1008.1	1010.1	1012.2	1014.2	1015.2
177.5°	1016.7	1015.7	1013.7	1011.6	1009.6	1007.6	1009.6	1011.6	1013.7	1015.7	1016.7
180°	1012.1	1012.1	1012.1	1012.1	1012.1	1012.1	1012.1	1012.1	1012.1	1012.1	1012.1

TEST NUMBER: P1026649

CATALOG NUMBER: S124RDIP-B795D810UB27-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
0°	1315.7	1315.7	1315.7	1315.7	1315.7	1315.7	1315.7	1315.7	1315.7	1315.7	1315.7
2.5°	1245.8	1251.1	1248.9	1241.5	1244.7	1251.1	1257.4	1265.9	1271.2	1275.4	1277.6
5°	1172.6	1182.1	1180.0	1180.0	1184.3	1194.9	1205.5	1223.5	1229.8	1237.3	1247.9
7.5°	1107.9	1115.3	1121.7	1123.8	1130.2	1144.0	1157.8	1177.9	1193.8	1202.3	1208.6
10°	1050.7	1056.0	1065.5	1070.8	1077.2	1094.1	1114.3	1135.5	1151.4	1166.2	1174.7
12.5°	977.5	998.7	1011.4	1019.9	1028.4	1053.9	1069.8	1093.1	1112.2	1125.9	1138.7
15°	895.9	921.3	928.7	961.6	982.8	1003.0	1027.3	1054.9	1072.9	1088.8	1105.8
17.5°	827.0	845.0	853.5	888.5	906.5	938.3	973.3	1008.3	1035.8	1047.5	1064.5
20°	783.5	793.0	810.0	821.7	840.7	877.9	916.0	958.4	999.8	1011.4	1028.4
22.5°	739.0	751.7	763.4	779.3	794.1	819.5	857.7	904.4	948.9	970.1	990.2
25°	698.7	711.4	718.8	735.8	749.6	775.0	801.5	849.2	902.2	920.3	952.1
27.5°	666.9	674.3	687.0	694.4	710.3	733.7	758.1	794.1	846.1	876.8	907.5
30°	635.1	640.4	651.0	661.6	673.2	689.1	716.7	751.7	799.4	825.9	856.7
32.5°	603.3	611.7	618.1	625.5	638.2	657.3	676.4	710.3	748.5	778.2	808.9
35°	576.8	579.9	588.4	596.9	605.4	622.3	642.5	675.4	709.3	732.6	760.2
37.5°	548.1	553.4	559.8	563.0	576.8	587.4	608.6	634.0	674.3	689.1	716.7
40°	525.9	524.8	531.2	536.5	542.8	559.8	572.5	600.1	631.9	655.2	672.2
42.5°	498.3	498.3	500.4	506.8	515.3	525.9	540.7	564.0	596.9	613.9	634.0
45°	476.0	472.9	473.9	478.2	483.5	494.1	508.9	529.0	561.9	575.7	596.9
47.5°	449.5	446.4	446.4	450.6	454.8	462.3	473.9	497.2	523.7	541.8	557.7
50°	419.8	420.9	419.8	423.0	425.1	432.6	445.3	464.4	488.8	503.6	521.6
52.5°	392.3	390.2	389.1	391.2	395.5	400.8	414.5	431.5	454.8	469.7	485.6
55°	358.4	360.5	360.5	360.5	366.8	369.0	379.6	396.5	419.8	431.5	446.4
57.5°	327.6	326.5	328.7	327.6	332.9	340.3	348.8	361.5	384.9	396.5	410.3
60°	293.7	294.7	295.8	295.8	300.0	307.5	317.0	328.7	347.8	359.4	372.1
62.5°	252.3	257.6	262.9	265.1	271.4	276.7	283.1	295.8	312.8	321.2	332.9
65°	213.1	220.5	227.9	233.2	237.5	242.8	251.3	262.9	276.7	285.2	296.9
67.5°	179.2	184.5	194.0	199.3	207.8	214.2	219.5	229.0	246.0	249.2	258.7
70°	154.8	156.9	161.2	165.4	174.9	180.2	186.6	196.1	208.9	216.3	221.6
72.5°	130.4	131.5	133.6	137.8	142.1	148.4	155.9	164.3	176.0	179.2	186.6
75°	103.9	110.3	110.3	113.4	116.6	119.8	126.2	134.6	142.1	147.4	151.6
77.5°	77.4	80.6	82.7	88.0	92.2	95.4	99.7	106.0	110.3	114.5	117.7
80°	60.4	61.5	62.6	62.6	64.7	68.9	73.2	77.4	82.7	84.8	88.0
82.5°	44.5	44.5	44.5	46.6	47.7	48.8	48.8	50.9	56.2	58.3	61.5
85°	28.6	28.6	28.6	28.6	29.7	30.7	31.8	32.9	32.9	32.9	35.0
87.5°	11.7	13.8	12.7	13.8	13.8	13.8	13.8	14.8	14.8	15.9	15.9
90°	20.7	19.7	18.7	17.7	16.7	15.3	14.0	12.6	11.3	10.6	9.7
92.5°	19.9	18.9	17.9	16.9	15.9	14.5	13.2	11.8	10.5	9.8	10.0
95°	20.7	19.7	18.7	17.7	16.7	16.5	16.3	16.2	16.0	15.9	18.8
97.5°	20.0	19.2	18.3	17.5	16.7	34.3	52.0	69.6	87.3	96.1	94.3
100°	21.8	24.7	27.6	30.4	33.3	56.5	79.7	103.0	126.2	137.8	136.3
102.5°	40.9	78.8	116.6	154.5	192.3	190.3	188.3	186.2	184.2	183.2	182.2
105°	242.2	240.7	239.2	237.7	236.2	235.4	234.5	233.7	232.8	232.4	231.9
107.5°	288.0	287.1	286.3	285.4	284.6	283.4	282.2	281.1	279.9	279.3	279.1
110°	335.2	334.9	334.5	334.2	333.8	332.8	331.8	330.8	329.8	329.3	329.0

TEST NUMBER: P1026649

CATALOG NUMBER: S124RDIP-B795D810UB27-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
112.5°	380.9	381.0	381.2	381.3	381.5	381.2	380.8	380.5	380.2	380.0	379.5
115°	428.3	428.0	427.7	427.3	427.0	427.2	427.3	427.5	427.6	427.7	427.4
117.5°	474.8	474.9	475.1	475.2	475.4	474.9	474.4	473.9	473.4	473.1	472.8
120°	519.1	518.8	518.5	518.1	517.8	518.0	518.2	518.3	518.5	518.6	518.3
122.5°	561.6	561.5	561.3	561.2	561.0	560.6	560.3	559.9	559.6	559.4	559.2
125°	601.6	601.1	600.6	600.1	599.6	599.9	600.3	600.6	600.9	601.1	600.8
127.5°	640.5	640.7	640.8	641.0	641.2	640.4	639.5	638.7	637.8	637.4	637.3
130°	677.4	677.3	677.1	677.0	676.8	676.3	675.8	675.3	674.8	674.5	674.4
132.5°	713.0	712.9	712.7	712.6	712.4	711.7	711.0	710.3	709.6	709.3	709.1
135°	745.5	745.2	744.9	744.5	744.2	743.5	742.8	742.1	741.4	741.1	741.2
137.5°	777.3	777.0	776.6	776.3	775.9	775.1	774.3	773.4	772.6	772.2	772.2
140°	806.7	806.2	805.7	805.2	804.7	804.4	804.0	803.7	803.4	803.2	803.0
142.5°	833.3	833.0	832.7	832.3	832.0	831.8	831.6	831.5	831.3	831.2	830.9
145°	858.4	858.2	858.1	857.9	857.7	857.7	857.7	857.7	857.7	857.7	857.4
147.5°	881.1	880.9	880.8	880.6	880.4	880.6	880.8	880.9	881.1	881.2	880.7
150°	902.4	902.4	902.4	902.4	902.4	902.6	902.7	902.9	903.0	903.1	902.8
152.5°	921.9	921.6	921.2	920.9	920.5	920.9	921.2	921.6	921.9	922.1	921.8
155°	939.2	938.5	937.8	937.1	936.4	936.9	937.4	937.9	938.4	938.7	938.6
157.5°	954.2	953.3	952.5	951.6	950.8	951.5	952.1	952.8	953.5	953.8	953.8
160°	968.5	967.5	966.4	965.4	964.4	964.6	964.8	964.9	965.1	965.2	965.5
162.5°	979.8	978.8	977.8	976.8	975.8	976.0	976.2	976.3	976.5	976.6	976.9
165°	991.0	989.7	988.3	987.0	985.6	985.6	985.6	985.6	985.6	985.6	986.0
167.5°	999.2	997.7	996.2	994.7	993.2	993.4	993.6	993.7	993.9	994.0	994.4
170°	1006.1	1004.8	1003.5	1002.1	1000.8	1000.6	1000.4	1000.3	1000.1	1000.0	1000.5
172.5°	1010.7	1009.4	1008.0	1006.7	1005.3	1005.1	1005.0	1004.8	1004.7	1004.6	1005.1
175°	1014.4	1012.9	1011.4	1009.9	1008.4	1008.2	1008.0	1007.9	1007.7	1007.6	1008.1
177.5°	1016.0	1014.7	1013.3	1012.0	1010.6	1010.3	1009.9	1009.6	1009.3	1009.1	1009.7
180°	1012.1	1012.1	1012.1	1012.1	1012.1	1012.1	1012.1	1012.1	1012.1	1012.1	1012.1

TEST NUMBER: P1026649

CATALOG NUMBER: S124RDIP-B795D810UB27-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
0°	1315.7	1315.7	1315.7	1315.7
2.5°	1286.0	1292.4	1303.0	1317.8
5°	1256.4	1274.4	1291.3	1313.6
7.5°	1229.8	1251.1	1274.4	1306.2
10°	1199.1	1225.6	1255.3	1294.5
12.5°	1163.1	1200.2	1234.1	1276.5
15°	1136.5	1164.1	1207.6	1257.4
17.5°	1099.4	1136.5	1180.0	1236.2
20°	1064.5	1103.7	1152.5	1210.8
22.5°	1027.3	1071.9	1120.6	1183.2
25°	989.2	1036.9	1085.7	1152.5
27.5°	954.2	997.7	1052.8	1120.6
30°	911.8	961.6	1014.6	1085.7
32.5°	870.4	922.4	976.5	1047.5
35°	825.9	877.9	937.2	1005.1
37.5°	782.4	839.7	893.8	959.5
40°	734.7	794.1	850.3	917.1
42.5°	688.1	749.6	805.8	863.0
45°	644.6	705.0	755.9	810.0
47.5°	603.3	657.3	709.3	758.1
50°	563.0	608.6	656.3	696.6
52.5°	520.6	564.0	602.2	638.2
55°	482.4	516.3	550.3	583.1
57.5°	436.8	470.7	500.4	525.9
60°	398.6	419.8	448.5	475.0
62.5°	355.2	379.6	401.8	418.8
65°	312.8	334.0	350.9	365.8
67.5°	276.7	289.4	302.2	318.1
70°	233.2	243.8	258.7	270.4
72.5°	196.1	204.6	212.0	225.8
75°	159.0	166.5	170.7	183.4
77.5°	123.0	130.4	133.6	141.0
80°	94.4	95.4	99.7	106.0
82.5°	64.7	66.8	67.9	73.2
85°	37.1	42.4	41.3	43.5
87.5°	15.9	17.0	19.1	21.2
90°	7.8	6.0	4.1	2.3
92.5°	10.3	10.7	11.0	11.4
95°	24.5	30.2	35.9	41.6
97.5°	90.6	86.9	83.2	79.5
100°	133.3	130.2	127.2	124.2
102.5°	180.2	178.1	176.1	174.1
105°	230.9	229.9	228.9	227.9
107.5°	278.6	278.1	277.6	277.1
110°	328.5	328.0	327.5	327.0

TEST NUMBER: P1026649

CATALOG NUMBER: S124RDIP-B795D810UB27-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
112.5°	378.5	377.5	376.5	375.5
115°	426.9	426.4	425.9	425.4
117.5°	472.1	471.4	470.8	470.1
120°	517.6	516.9	516.2	515.5
122.5°	558.9	558.6	558.2	557.9
125°	600.1	599.4	598.7	598.0
127.5°	637.2	637.0	636.9	636.7
130°	674.2	674.1	673.9	673.7
132.5°	708.8	708.5	708.1	707.8
135°	741.4	741.5	741.7	741.9
137.5°	772.2	772.2	772.2	772.2
140°	802.7	802.4	802.0	801.7
142.5°	830.2	829.5	828.9	828.2
145°	856.9	856.4	855.9	855.4
147.5°	879.7	878.6	877.6	876.6
150°	902.1	901.4	900.8	900.1
152.5°	921.3	920.8	920.3	919.8
155°	938.4	938.3	938.1	937.9
157.5°	953.8	953.8	953.8	953.8
160°	966.0	966.5	967.0	967.5
162.5°	977.6	978.3	978.9	979.6
165°	986.9	987.7	988.6	989.4
167.5°	995.3	996.1	997.0	997.8
170°	1001.5	1002.6	1003.6	1004.6
172.5°	1006.1	1007.1	1008.1	1009.1
175°	1009.1	1010.1	1011.1	1012.1
177.5°	1010.9	1012.0	1013.2	1014.4
180°	1012.1	1012.1	1012.1	1012.1

(END OF REPORT)