

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: P1011011

Luminaire Tested: S123RDIP-B775D805UB2750-4F0-XX-W2A-A_3500K

Issue Date: 5/7/2025

Test Information

Test Method: LM-79-2019
Report Number: P1011011
REPORT IS A COMBINATION OF REPORTS P993687 AND P1007351
Test Lab: INNOVATION CENTER
Issue Date: 5/7/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: NEO-RAY
Catalog Number: S123RDIP-B775D805UB2750-4F0-XX-W2A-A_3500K
Description: Define 3 Regressed Direct/Indirect Pendant with 3500K BioUP LEDs {m-DER=0.721}
{m-EER=0.792}
Light Source: -
Ballast/Driver: -

Summary

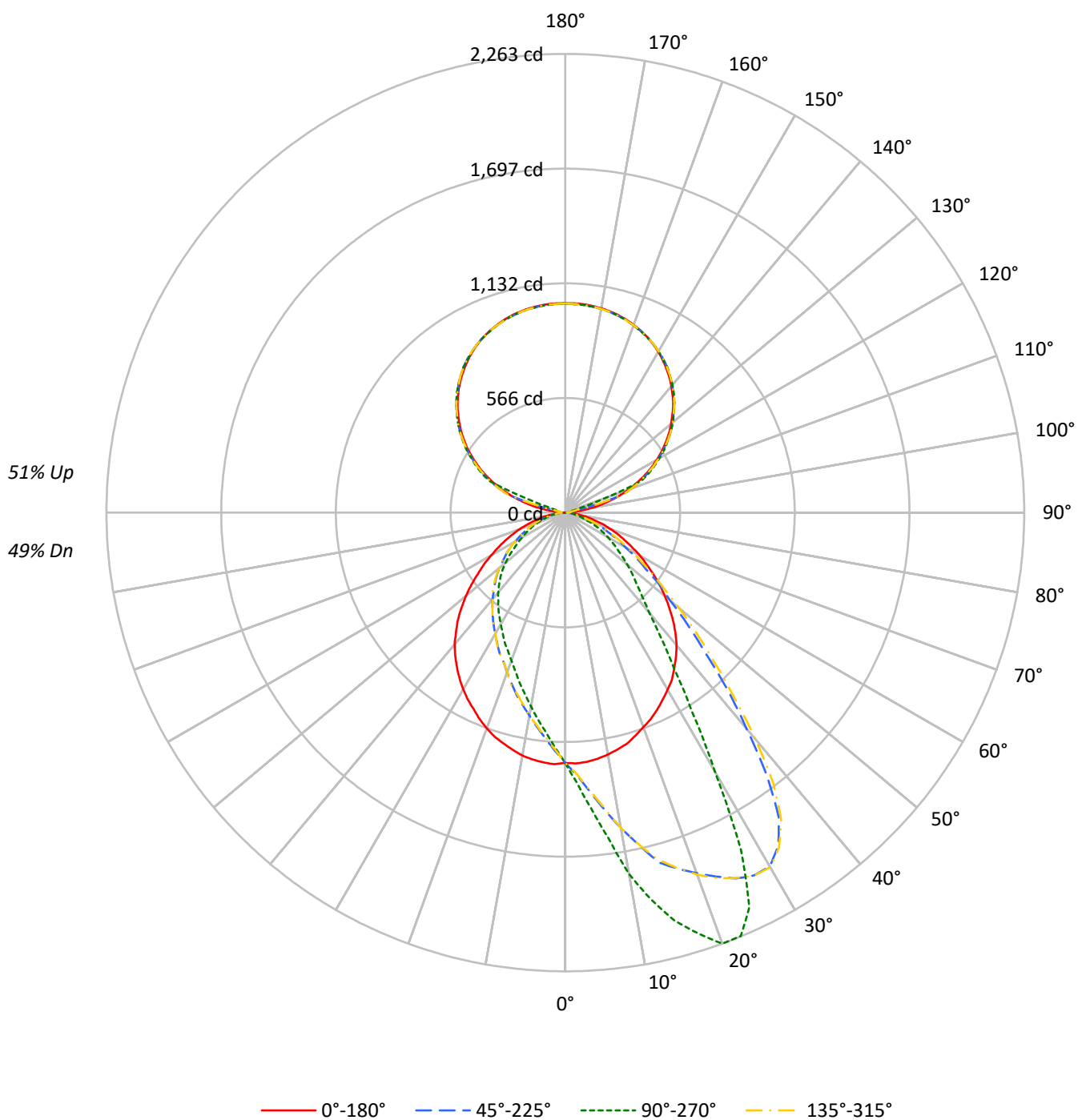
Lumens per Lamp: N/A
Luminaire Lumens: 6224.0 lumens
Efficiency: N/A
Efficacy: 109.2 lumens/watt
Spacing Criteria (0/90/45): 1.22 / 1.2 / 1.34
Luminous Opening: Rectangular w/ Sides (W: 0.25' x L: 4' x H: 0.1')
CIE Type: General Diffuse

Input Watts (W): 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					10
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10
RCR																				
0	107	107	107	107	99	99	99	99	83	83	83	69	69	69	56	56	56			49
1	98	94	90	87	90	87	84	81	74	71	69	61	60	58	50	49	48			43
2	90	83	77	72	83	77	72	67	65	62	58	55	52	50	45	43	41			37
3	82	73	66	61	76	68	62	57	58	53	50	49	45	43	40	38	36			32
4	76	65	58	52	70	61	54	49	52	47	43	44	40	37	36	34	31			28
5	70	58	51	45	64	54	47	42	47	41	37	40	36	32	33	30	28			25
6	64	53	45	39	59	49	42	37	42	37	33	36	32	29	30	27	25			22
7	60	48	40	34	55	44	38	33	38	33	29	33	29	26	28	24	22			19
8	55	43	36	31	51	41	34	29	35	30	26	30	26	23	25	22	20			18
9	52	40	32	27	48	37	31	26	32	27	23	28	24	21	24	20	18			16
10	48	36	29	25	45	34	28	23	30	25	21	26	22	19	22	19	16			15

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	13292	13292	13292	13292
5°	13303	15310	13337	11357
10°	13186	18481	13242	9920
15°	13050	20974	13050	8747
20°	12782	22624	12854	7759
25°	12586	21495	12562	7080
30°	12359	14892	12332	6416
35°	12084	9562	12030	5915
40°	11742	6752	11684	5417
45°	11149	5403	11132	4932
50°	10419	4520	10384	4365
55°	9598	3725	9522	3700
60°	8792	3079	8706	3146
65°	7847	2464	7898	2667
70°	6973	1712	7162	2156
75°	5911	1270	6155	1658
80°	4707	842	5109	1244
85°	3352	399	3660	774

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 30°

Vertical Angle: 45°

Luminance: 17746 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	121.3	1.9
10°-20°	379.6	6.1
20°-30°	597.9	9.6
30°-40°	621.7	10.0
40°-50°	531.9	8.5
50°-60°	405.5	6.5
60°-70°	259.8	4.2
70°-80°	124.5	2.0
80°-90°	34.8	0.6
90°-100°	36.4	0.6
100°-110°	176.0	2.8
110°-120°	431.3	6.9
120°-130°	547.5	8.8
130°-140°	584.9	9.4
140°-150°	546.9	8.8
150°-160°	441.1	7.1
160°-170°	284.7	4.6
170°-180°	98.1	1.6
0°-30°	1098.8	17.7
0°-40°	1720.5	27.6
0°-60°	2658.0	42.7
0°-90°	3077.1	49.4
90°-120°	643.7	10.3
90°-150°	2323.0	37.3
90°-180°	3147.0	50.6
0°-180°	6224.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1235	1235	1235	1235	1235	
5°	1234	1466	1237	1088	1234	117
15°	1179	2084	1179	869	1179	332
25°	1072	2147	1070	707	1072	494
35°	936	932	932	576	936	586
45°	751	497	750	454	751	578
55°	530	312	526	310	530	475
65°	325	180	327	194	325	324
75°	155	76	162	99	155	168
85°	35	18	38	35	35	39
90°	1	23	1	23	1	5
95°	47	29	47	29	47	56
105°	228	34	228	34	228	242
115°	429	451	429	451	429	423
125°	604	617	604	617	604	540
135°	752	760	752	760	752	579
145°	868	877	868	877	868	544
155°	956	955	956	955	956	441
165°	1008	1006	1008	1006	1008	285
175°	1032	1028	1032	1028	1032	98
180°	1032	1032	1032	1032	1032	

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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	1234.9	1234.9	1234.9	1234.9	1234.9	1234.9	1234.9	1234.9	1234.9	1234.9	1234.9
2.5°	1238.1	1246.5	1252.9	1257.1	1267.7	1274.0	1279.3	1288.8	1288.8	1290.9	1295.2
5°	1233.9	1251.8	1264.5	1281.4	1303.6	1314.2	1329.0	1341.7	1359.7	1369.2	1378.7
7.5°	1224.3	1249.7	1276.1	1301.5	1334.3	1355.4	1370.2	1403.0	1426.3	1454.8	1477.0
10°	1211.7	1246.5	1280.4	1319.5	1363.9	1395.6	1417.8	1461.2	1505.6	1545.8	1579.6
12.5°	1195.8	1238.1	1286.7	1334.3	1396.7	1428.4	1464.3	1518.3	1581.7	1632.5	1677.9
15°	1178.9	1227.5	1282.5	1340.6	1418.9	1463.3	1515.1	1580.6	1651.5	1724.4	1786.8
17.5°	1152.4	1213.8	1275.1	1359.7	1451.7	1478.1	1522.5	1612.4	1700.1	1765.7	1841.8
20°	1126.0	1194.7	1271.9	1348.0	1447.4	1508.7	1550.0	1645.1	1739.2	1818.5	1891.5
22.5°	1101.7	1173.6	1253.9	1350.2	1443.2	1504.5	1556.3	1655.7	1764.6	1853.4	1943.3
25°	1072.1	1150.3	1239.1	1330.1	1443.2	1489.7	1546.8	1662.1	1777.3	1879.9	1990.9
27.5°	1040.4	1119.7	1207.4	1300.5	1404.1	1472.8	1528.8	1652.5	1793.2	1903.1	2017.3
30°	1008.7	1090.1	1174.6	1258.2	1374.5	1440.0	1504.5	1640.9	1801.6	1927.4	2015.2
32.5°	978.0	1046.7	1130.2	1211.7	1326.9	1398.8	1471.7	1629.3	1804.8	1910.5	1952.8
35°	935.7	1007.6	1075.3	1162.0	1278.3	1349.1	1434.7	1628.2	1791.0	1856.6	1835.5
37.5°	896.6	956.8	1021.3	1098.5	1218.0	1310.0	1398.8	1600.7	1745.6	1749.8	1630.3
40°	853.2	902.9	956.8	1038.3	1167.2	1258.2	1354.4	1558.4	1663.1	1600.7	1390.3
42.5°	803.5	847.9	890.2	969.5	1110.2	1211.7	1315.3	1505.6	1543.6	1399.8	1181.0
45°	750.7	786.6	825.7	909.3	1049.9	1150.3	1253.9	1424.2	1385.0	1182.0	973.8
47.5°	695.7	726.4	764.4	840.5	985.4	1087.9	1186.3	1307.9	1208.5	990.7	816.2
50°	640.7	665.0	702.0	780.3	919.8	1012.9	1103.8	1183.1	1043.5	850.1	674.5
52.5°	586.8	605.8	643.9	710.5	845.8	934.6	1000.2	1030.9	889.2	702.0	585.7
55°	529.7	550.8	576.2	643.9	778.2	843.7	887.1	886.0	740.1	595.3	484.2
57.5°	474.7	493.8	516.0	583.6	692.5	736.9	773.9	756.0	617.5	487.4	415.5
60°	426.1	436.7	461.0	518.1	600.5	638.6	659.7	629.1	504.3	411.3	343.6
62.5°	373.2	383.8	403.9	457.8	508.6	528.6	546.6	507.5	416.6	335.2	293.9
65°	324.6	338.3	351.0	394.4	421.9	446.2	444.1	411.3	325.6	272.8	238.9
67.5°	282.3	287.6	298.2	324.6	337.3	355.2	356.3	319.3	262.2	222.0	201.9
70°	236.8	242.1	249.5	262.2	270.7	274.9	272.8	240.0	197.7	173.4	155.4
72.5°	197.7	196.7	201.9	201.9	210.4	209.3	203.0	177.6	150.1	130.0	119.5
75°	155.4	156.5	157.5	155.4	152.2	148.0	142.7	123.7	105.7	96.2	86.7
77.5°	121.6	119.5	120.5	113.1	108.9	104.7	97.3	87.8	73.0	70.8	66.6
80°	86.7	85.6	84.6	81.4	71.9	67.7	62.4	57.1	53.9	51.8	50.7
82.5°	58.2	58.2	56.0	49.7	44.4	41.2	40.2	38.1	34.9	34.9	33.8
85°	34.9	33.8	31.7	25.4	22.2	22.2	22.2	22.2	20.1	20.1	19.0
87.5°	13.7	12.7	9.5	9.5	8.5	8.5	8.5	7.4	7.4	6.3	6.3
90°	0.8	2.5	4.2	5.9	7.6	8.4	9.5	11.7	14.0	16.2	18.4
92.5°	17.6	16.6	15.6	14.5	13.5	13.0	13.8	15.3	16.8	18.4	19.9
95°	46.8	39.8	32.8	25.8	18.8	15.3	16.2	18.1	20.0	21.9	23.8
97.5°	85.1	80.3	75.6	70.8	66.1	63.7	59.3	50.6	41.9	33.2	24.5
100°	129.6	133.0	136.4	139.8	143.2	144.9	131.6	105.0	78.5	51.9	25.3
102.5°	180.2	182.4	184.6	186.9	189.1	190.2	175.4	145.7	116.1	86.4	56.8
105°	228.5	230.4	232.3	234.2	236.1	237.0	229.3	214.0	198.7	183.3	168.0
107.5°	279.9	281.4	283.0	284.5	286.0	286.8	288.1	290.6	293.2	295.7	298.3
110°	331.3	332.7	334.0	335.4	336.7	337.4	338.3	340.2	342.1	344.0	345.9

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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	380.4	381.6	382.8	384.0	385.2	385.8	386.7	388.6	390.5	392.3	394.2
115°	428.7	429.7	430.7	431.8	432.8	433.3	434.1	435.6	437.1	438.7	440.2
117.5°	476.3	477.5	478.7	479.8	481.0	481.6	482.0	482.9	483.8	484.6	485.5
120°	520.0	521.5	523.1	524.6	526.1	526.9	527.2	527.7	528.2	528.7	529.2
122.5°	564.4	565.6	566.8	568.0	569.2	569.8	570.1	570.8	571.5	572.2	572.9
125°	604.3	605.7	607.1	608.4	609.8	610.5	610.8	611.5	612.2	612.8	613.5
127.5°	644.2	645.6	646.9	648.3	649.6	650.3	650.7	651.6	652.5	653.3	654.2
130°	681.0	682.4	683.8	685.1	686.5	687.2	687.5	688.2	688.9	689.5	690.2
132.5°	716.3	717.7	719.0	720.4	721.7	722.4	722.7	723.2	723.7	724.2	724.7
135°	752.3	753.3	754.3	755.4	756.4	756.9	757.2	757.9	758.6	759.3	760.0
137.5°	783.0	784.4	785.8	787.1	788.5	789.2	789.4	789.7	790.0	790.4	790.7
140°	813.7	814.7	815.7	816.8	817.8	818.3	818.6	819.1	819.6	820.1	820.6
142.5°	842.1	843.1	844.1	845.2	846.2	846.7	847.0	847.5	848.0	848.5	849.0
145°	868.1	869.3	870.5	871.7	872.9	873.5	873.7	874.0	874.3	874.7	875.0
147.5°	893.5	894.3	895.2	896.0	896.9	897.3	897.5	897.8	898.1	898.5	898.8
150°	916.5	917.0	917.5	918.0	918.5	918.8	919.0	919.3	919.6	920.0	920.3
152.5°	937.2	937.4	937.5	937.7	937.8	937.9	938.0	938.2	938.3	938.5	938.7
155°	956.3	956.0	955.6	955.3	955.0	954.8	954.9	955.1	955.2	955.4	955.6
157.5°	971.7	971.7	971.7	971.7	971.7	971.7	971.6	971.4	971.3	971.1	970.9
160°	985.5	985.3	985.1	985.0	984.8	984.7	984.6	984.4	984.3	984.1	983.9
162.5°	998.5	998.0	997.5	997.0	996.5	996.2	996.1	996.0	995.8	995.7	995.5
165°	1008.5	1008.0	1007.5	1007.0	1006.5	1006.2	1006.1	1005.9	1005.8	1005.6	1005.4
167.5°	1016.9	1016.2	1015.6	1014.9	1014.2	1013.9	1013.9	1013.9	1013.9	1013.9	1013.9
170°	1023.8	1023.1	1022.5	1021.8	1021.1	1020.8	1020.8	1020.8	1020.8	1020.8	1020.8
172.5°	1028.4	1027.6	1026.7	1025.9	1025.0	1024.6	1024.7	1024.9	1025.0	1025.2	1025.4
175°	1032.3	1031.4	1030.6	1029.7	1028.8	1028.4	1028.5	1028.7	1028.8	1029.0	1029.2
177.5°	1033.8	1033.0	1032.1	1031.3	1030.4	1030.0	1030.1	1030.2	1030.4	1030.5	1030.7
180°	1032.3	1032.3	1032.3	1032.3	1032.3	1032.3	1032.3	1032.3	1032.3	1032.3	1032.3

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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	1234.9	1234.9	1234.9	1234.9	1234.9	1234.9	1234.9	1234.9	1234.9	1234.9	1234.9
2.5°	1303.6	1303.6	1313.2	1322.7	1317.4	1320.6	1332.2	1328.0	1336.4	1335.4	1338.5
5°	1402.0	1413.6	1423.1	1443.2	1446.4	1443.2	1463.3	1468.6	1478.1	1466.5	1471.7
7.5°	1513.0	1537.3	1560.6	1590.2	1599.7	1601.8	1612.4	1627.2	1639.9	1616.6	1628.2
10°	1620.8	1657.8	1705.4	1731.8	1755.1	1763.6	1772.0	1781.5	1796.3	1810.1	1799.5
12.5°	1737.1	1791.0	1836.5	1884.1	1912.6	1909.5	1933.8	1940.1	1951.8	1954.9	1959.2
15°	1832.3	1908.4	1937.0	2007.8	2014.1	2035.3	2062.8	2087.1	2090.3	2083.9	2083.9
17.5°	1923.2	1988.8	2039.5	2096.6	2108.2	2126.2	2161.1	2172.7	2177.0	2175.9	2175.9
20°	1997.2	2040.6	2126.2	2173.8	2192.8	2216.1	2240.4	2255.2	2258.4	2262.6	2256.3
22.5°	2045.9	2111.4	2181.2	2220.3	2236.2	2244.6	2260.5	2264.7	2259.4	2260.5	2261.5
25°	2083.9	2148.4	2190.7	2201.3	2200.2	2189.6	2178.0	2157.9	2155.8	2147.4	2130.4
27.5°	2094.5	2118.8	2113.5	2070.2	2026.8	2022.6	1952.8	1914.7	1871.4	1877.7	1853.4
30°	2037.4	2005.7	1930.6	1820.6	1775.2	1701.2	1622.9	1541.5	1509.8	1474.9	1539.4
32.5°	1897.8	1784.7	1651.5	1508.7	1432.6	1367.1	1283.5	1224.3	1190.5	1162.0	1216.9
35°	1687.4	1510.9	1334.3	1199.0	1136.6	1077.4	999.1	969.5	927.2	931.5	936.8
37.5°	1416.8	1222.2	1089.0	955.8	914.6	890.2	833.1	787.7	772.9	768.6	768.6
40°	1163.0	1003.4	885.0	780.3	748.6	728.5	683.0	661.9	646.0	641.8	647.1
42.5°	962.1	825.7	733.8	664.0	641.8	616.4	597.4	570.9	567.8	560.4	569.9
45°	807.8	689.4	620.6	569.9	550.8	541.3	520.2	504.3	498.0	496.9	504.3
47.5°	685.1	593.1	532.9	501.2	486.4	476.8	458.9	452.5	446.2	448.3	445.1
50°	575.2	506.4	467.3	438.8	429.3	419.7	408.1	401.8	398.6	398.6	397.5
52.5°	493.8	436.7	411.3	384.9	380.6	375.3	362.6	358.4	353.1	352.1	356.3
55°	422.9	383.8	358.4	342.6	338.3	327.8	322.5	317.2	314.0	311.9	313.0
57.5°	361.6	332.0	315.1	301.3	293.9	289.7	280.2	279.1	277.0	277.0	276.0
60°	310.8	289.7	269.6	261.2	255.9	250.6	249.5	243.2	240.0	242.1	241.1
62.5°	263.3	246.3	234.7	225.2	222.0	217.8	214.6	212.5	209.3	210.4	210.4
65°	219.9	206.2	197.7	189.3	188.2	184.0	182.9	180.8	180.8	179.7	181.9
67.5°	180.8	171.3	163.9	158.6	155.4	156.5	152.2	149.1	149.1	148.0	151.2
70°	143.8	138.5	131.1	124.8	120.5	120.5	115.2	114.2	114.2	114.2	113.1
72.5°	111.0	101.5	98.3	96.2	96.2	96.2	94.1	94.1	93.0	94.1	93.0
75°	82.5	81.4	79.3	78.2	78.2	77.2	76.1	76.1	76.1	76.1	76.1
77.5°	64.5	64.5	62.4	61.3	61.3	61.3	60.3	60.3	59.2	59.2	59.2
80°	47.6	47.6	45.5	45.5	45.5	44.4	44.4	44.4	45.5	44.4	44.4
82.5°	32.8	32.8	31.7	32.8	31.7	30.7	30.7	30.7	29.6	30.7	30.7
85°	19.0	19.0	18.0	16.9	18.0	18.0	16.9	18.0	16.9	18.0	16.9
87.5°	7.4	6.3	6.3	6.3	5.3	6.3	5.3	5.3	6.3	5.3	6.3
90°	19.1	19.8	20.5	21.2	21.5	21.7	22.0	22.3	22.7	23.0	22.7
92.5°	21.1	22.3	23.5	24.7	25.3	25.4	25.6	25.7	25.9	26.1	25.9
95°	25.0	26.2	27.3	28.5	29.1	29.1	29.1	29.1	29.1	29.1	29.1
97.5°	25.9	27.3	28.6	30.0	30.7	30.8	30.9	31.1	31.2	31.4	31.2
100°	26.7	28.0	29.4	30.7	31.4	31.5	31.7	31.8	32.0	32.2	32.0
102.5°	51.2	45.5	39.9	34.2	31.4	31.6	31.9	32.3	32.6	33.0	32.6
105°	137.8	107.6	77.5	47.3	32.2	32.4	32.7	33.0	33.4	33.7	33.4
107.5°	272.1	245.8	219.6	193.3	180.2	169.0	146.7	124.4	102.1	79.8	102.1
110°	340.3	334.7	329.0	323.4	320.6	308.4	284.0	259.7	235.3	210.9	235.3

TEST NUMBER: P1011011

CATALOG NUMBER: S123RDIP-B775D805UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	395.7	397.3	398.8	400.3	401.1	400.9	400.6	400.3	399.9	399.6	399.9
115°	441.9	443.6	445.3	447.0	447.9	448.2	448.9	449.6	450.2	450.9	450.2
117.5°	486.9	488.2	489.6	490.9	491.6	491.7	491.9	492.0	492.2	492.4	492.2
120°	530.6	531.9	533.3	534.6	535.3	535.3	535.3	535.3	535.3	535.3	535.3
122.5°	573.7	574.6	575.4	576.3	576.7	576.8	577.0	577.1	577.3	577.5	577.3
125°	613.9	614.2	614.6	614.9	615.1	615.3	615.6	615.9	616.3	616.6	616.3
127.5°	654.7	655.2	655.7	656.2	656.5	656.3	656.0	655.6	655.3	654.9	655.3
130°	690.9	691.6	692.3	693.0	693.3	693.1	692.8	692.5	692.1	691.8	692.1
132.5°	725.4	726.1	726.8	727.5	727.8	727.5	727.0	726.5	726.0	725.5	726.0
135°	760.5	761.0	761.5	762.0	762.3	762.0	761.5	761.0	760.5	760.0	760.5
137.5°	791.5	792.4	793.2	794.1	794.5	794.3	794.0	793.7	793.3	793.0	793.3
140°	821.3	822.0	822.7	823.4	823.7	823.5	823.2	822.8	822.5	822.1	822.5
142.5°	849.5	850.0	850.5	851.0	851.3	851.0	850.5	850.0	849.5	849.0	849.5
145°	875.4	875.7	876.1	876.4	876.6	876.6	876.6	876.6	876.6	876.6	876.6
147.5°	899.2	899.5	899.9	900.2	900.4	900.0	899.1	898.2	897.4	896.5	897.4
150°	920.6	921.0	921.3	921.6	921.8	921.5	921.0	920.5	920.0	919.5	920.0
152.5°	939.4	940.1	940.8	941.5	941.8	941.4	940.5	939.6	938.8	937.9	938.8
155°	956.4	957.3	958.1	959.0	959.4	958.9	957.9	956.8	955.8	954.8	955.8
157.5°	971.9	972.9	974.0	975.0	975.5	974.8	973.5	972.1	970.8	969.4	970.8
160°	984.9	985.9	987.0	988.0	988.5	987.9	986.7	985.6	984.4	983.2	984.4
162.5°	996.7	997.9	999.0	1000.2	1000.8	1000.3	999.3	998.2	997.2	996.2	997.2
165°	1006.8	1008.2	1009.5	1010.9	1011.6	1011.0	1009.8	1008.6	1007.4	1006.2	1007.4
167.5°	1015.3	1016.6	1018.0	1019.3	1020.0	1019.3	1018.0	1016.6	1015.3	1013.9	1015.3
170°	1022.2	1023.5	1024.9	1026.2	1026.9	1026.2	1024.9	1023.5	1022.2	1020.8	1022.2
172.5°	1026.8	1028.1	1029.5	1030.8	1031.5	1030.7	1029.2	1027.7	1026.1	1024.6	1026.1
175°	1030.4	1031.6	1032.8	1034.0	1034.6	1033.9	1032.5	1031.2	1029.8	1028.4	1029.8
177.5°	1032.1	1033.5	1034.8	1036.2	1036.9	1036.0	1034.3	1032.6	1030.9	1029.2	1030.9
180°	1032.3	1032.3	1032.3	1032.3	1032.3	1032.3	1032.3	1032.3	1032.3	1032.3	1032.3

TEST NUMBER: P1011011

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CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	1234.9	1234.9	1234.9	1234.9	1234.9	1234.9	1234.9	1234.9	1234.9	1234.9	1234.9
2.5°	1333.2	1326.9	1322.7	1319.5	1316.3	1325.8	1313.2	1299.4	1289.9	1283.5	1281.4
5°	1472.8	1459.1	1447.4	1437.9	1440.0	1440.0	1417.8	1393.5	1372.4	1360.7	1348.0
7.5°	1634.6	1619.8	1596.5	1591.2	1587.0	1560.6	1538.4	1493.9	1467.5	1441.1	1417.8
10°	1795.3	1776.2	1754.0	1746.6	1736.1	1703.3	1669.5	1612.4	1579.6	1531.0	1500.3
12.5°	1945.4	1922.1	1899.9	1894.7	1878.8	1850.3	1792.1	1732.9	1676.9	1625.1	1571.1
15°	2071.2	2064.9	2031.1	2009.9	1975.0	1935.9	1923.2	1842.9	1772.0	1718.1	1620.8
17.5°	2177.0	2147.4	2115.6	2101.9	2088.1	2042.7	1997.2	1914.7	1838.6	1759.3	1696.9
20°	2261.5	2228.8	2206.6	2186.5	2180.1	2128.3	2056.4	1983.5	1899.9	1811.1	1729.7
22.5°	2265.8	2261.5	2246.7	2235.1	2222.4	2188.6	2131.5	2040.6	1951.8	1854.5	1747.7
25°	2178.0	2171.7	2214.0	2203.4	2211.8	2199.2	2168.5	2092.4	1988.8	1874.6	1766.7
27.5°	1913.7	1978.2	2044.8	2068.1	2083.9	2129.4	2144.2	2101.9	2018.4	1896.8	1776.2
30°	1554.2	1639.9	1747.7	1805.8	1850.3	1934.8	2044.8	2058.5	2019.4	1922.1	1774.1
32.5°	1220.1	1298.3	1385.0	1453.8	1513.0	1686.4	1834.4	1941.2	1960.2	1909.5	1779.4
35°	983.3	1017.1	1099.6	1165.1	1245.5	1393.5	1568.0	1740.3	1856.6	1862.9	1763.6
37.5°	810.9	828.9	900.8	937.8	985.4	1115.4	1278.3	1503.5	1684.3	1769.9	1719.2
40°	671.4	712.6	753.8	775.0	808.8	898.7	1055.2	1231.7	1455.9	1614.5	1650.4
42.5°	582.6	600.5	627.0	656.6	677.7	756.0	860.6	1022.4	1224.3	1445.3	1544.7
45°	513.8	520.2	547.7	566.7	588.9	643.9	717.9	853.2	1030.9	1248.7	1417.8
47.5°	456.7	469.4	484.2	495.9	510.7	553.0	616.4	714.7	871.2	1065.7	1247.6
50°	406.0	413.4	432.4	437.7	448.3	477.9	526.5	601.6	730.6	886.0	1074.2
52.5°	358.4	372.2	379.6	387.0	396.5	420.8	452.5	513.8	611.1	757.0	916.7
55°	321.4	325.6	336.2	342.6	350.0	366.9	394.4	439.8	516.0	632.3	783.5
57.5°	285.5	285.5	296.0	301.3	308.7	321.4	345.7	380.6	435.6	522.3	660.8
60°	247.4	248.5	256.9	263.3	265.4	278.1	298.2	325.6	367.9	431.4	544.5
62.5°	213.6	218.9	223.1	225.2	232.6	240.0	256.9	276.0	305.6	361.6	441.9
65°	185.0	186.1	189.3	191.4	194.5	203.0	215.7	228.4	253.7	295.0	360.5
67.5°	152.2	156.5	160.7	160.7	163.9	168.1	180.8	191.4	210.4	234.7	279.1
70°	114.2	116.3	122.6	125.8	130.0	137.4	143.8	150.1	164.9	182.9	216.7
72.5°	95.2	95.2	97.3	98.3	98.3	103.6	113.1	119.5	126.9	139.6	162.8
75°	76.1	76.1	79.3	78.2	80.4	82.5	83.5	87.8	92.0	101.5	115.2
77.5°	60.3	61.3	61.3	62.4	62.4	63.4	64.5	66.6	68.7	74.0	80.4
80°	44.4	45.5	45.5	46.5	46.5	47.6	48.6	49.7	51.8	53.9	57.1
82.5°	30.7	31.7	31.7	32.8	31.7	32.8	33.8	33.8	34.9	37.0	38.1
85°	18.0	18.0	19.0	18.0	18.0	18.0	19.0	19.0	20.1	23.3	23.3
87.5°	5.3	6.3	5.3	6.3	6.3	6.3	6.3	7.4	7.4	8.5	9.5
90°	22.3	22.0	21.7	21.5	21.2	20.5	19.8	19.1	18.4	16.2	14.0
92.5°	25.7	25.6	25.4	25.3	24.7	23.5	22.3	21.1	19.9	18.4	16.8
95°	29.1	29.1	29.1	29.1	28.5	27.3	26.2	25.0	23.8	21.9	20.0
97.5°	31.1	30.9	30.8	30.7	30.0	28.6	27.3	25.9	24.5	33.2	41.9
100°	31.8	31.7	31.5	31.4	30.7	29.4	28.0	26.7	25.3	51.9	78.5
102.5°	32.3	31.9	31.6	31.4	34.2	39.9	45.5	51.2	56.8	86.4	116.1
105°	33.0	32.7	32.4	32.2	47.3	77.5	107.6	137.8	168.0	183.3	198.7
107.5°	124.4	146.7	169.0	180.2	193.3	219.6	245.8	272.1	298.3	295.7	293.2
110°	259.7	284.0	308.4	320.6	323.4	329.0	334.7	340.3	345.9	344.0	342.1

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CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	400.3	400.6	400.9	401.1	400.3	398.8	397.3	395.7	394.2	392.3	390.5
115°	449.6	448.9	448.2	447.9	447.0	445.3	443.6	441.9	440.2	438.7	437.1
117.5°	492.0	491.9	491.7	491.6	490.9	489.6	488.2	486.9	485.5	484.6	483.8
120°	535.3	535.3	535.3	535.3	534.6	533.3	531.9	530.6	529.2	528.7	528.2
122.5°	577.1	577.0	576.8	576.7	576.3	575.4	574.6	573.7	572.9	572.2	571.5
125°	615.9	615.6	615.3	615.1	614.9	614.6	614.2	613.9	613.5	612.8	612.2
127.5°	655.6	656.0	656.3	656.5	656.2	655.7	655.2	654.7	654.2	653.3	652.5
130°	692.5	692.8	693.1	693.3	693.0	692.3	691.6	690.9	690.2	689.5	688.9
132.5°	726.5	727.0	727.5	727.8	727.5	726.8	726.1	725.4	724.7	724.2	723.7
135°	761.0	761.5	762.0	762.3	762.0	761.5	761.0	760.5	760.0	759.3	758.6
137.5°	793.7	794.0	794.3	794.5	794.1	793.2	792.4	791.5	790.7	790.4	790.0
140°	822.8	823.2	823.5	823.7	823.4	822.7	822.0	821.3	820.6	820.1	819.6
142.5°	850.0	850.5	851.0	851.3	851.0	850.5	850.0	849.5	849.0	848.5	848.0
145°	876.6	876.6	876.6	876.6	876.4	876.1	875.7	875.4	875.0	874.7	874.3
147.5°	898.2	899.1	900.0	900.4	900.2	899.9	899.5	899.2	898.8	898.5	898.1
150°	920.5	921.0	921.5	921.8	921.6	921.3	921.0	920.6	920.3	920.0	919.6
152.5°	939.6	940.5	941.4	941.8	941.5	940.8	940.1	939.4	938.7	938.5	938.3
155°	956.8	957.9	958.9	959.4	959.0	958.1	957.3	956.4	955.6	955.4	955.2
157.5°	972.1	973.5	974.8	975.5	975.0	974.0	972.9	971.9	970.9	971.1	971.3
160°	985.6	986.7	987.9	988.5	988.0	987.0	985.9	984.9	983.9	984.1	984.3
162.5°	998.2	999.3	1000.3	1000.8	1000.2	999.0	997.9	996.7	995.5	995.7	995.8
165°	1008.6	1009.8	1011.0	1011.6	1010.9	1009.5	1008.2	1006.8	1005.4	1005.6	1005.8
167.5°	1016.6	1018.0	1019.3	1020.0	1019.3	1018.0	1016.6	1015.3	1013.9	1013.9	1013.9
170°	1023.5	1024.9	1026.2	1026.9	1026.2	1024.9	1023.5	1022.2	1020.8	1020.8	1020.8
172.5°	1027.7	1029.2	1030.7	1031.5	1030.8	1029.5	1028.1	1026.8	1025.4	1025.2	1025.0
175°	1031.2	1032.5	1033.9	1034.6	1034.0	1032.8	1031.6	1030.4	1029.2	1029.0	1028.8
177.5°	1032.6	1034.3	1036.0	1036.9	1036.2	1034.8	1033.5	1032.1	1030.7	1030.5	1030.4
180°	1032.3	1032.3	1032.3	1032.3	1032.3	1032.3	1032.3	1032.3	1032.3	1032.3	1032.3

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CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
0°	1234.9	1234.9	1234.9	1234.9	1234.9	1234.9	1234.9	1234.9	1234.9	1234.9	1234.9
2.5°	1278.3	1273.0	1267.7	1267.7	1256.1	1245.5	1240.2	1242.3	1236.0	1227.5	1219.1
5°	1334.3	1313.2	1308.9	1297.3	1281.4	1259.2	1247.6	1237.0	1224.3	1207.4	1191.6
7.5°	1386.1	1358.6	1343.8	1332.2	1301.5	1270.9	1245.5	1228.6	1206.4	1181.0	1162.0
10°	1453.8	1403.0	1387.2	1360.7	1317.4	1274.0	1244.4	1216.9	1186.3	1156.7	1131.3
12.5°	1507.7	1449.5	1419.9	1393.5	1337.5	1282.5	1232.8	1199.0	1162.0	1129.2	1096.4
15°	1569.0	1503.5	1451.7	1419.9	1349.1	1282.5	1226.5	1178.9	1137.6	1097.5	1068.9
17.5°	1598.6	1516.2	1492.9	1447.4	1344.9	1278.3	1209.5	1158.8	1109.1	1062.6	1028.7
20°	1645.1	1548.9	1490.8	1460.1	1369.2	1270.9	1190.5	1132.4	1080.5	1030.9	994.9
22.5°	1648.3	1543.6	1505.6	1447.4	1335.4	1248.7	1173.6	1102.8	1042.5	996.0	959.0
25°	1640.9	1534.1	1481.3	1434.7	1341.7	1236.0	1139.8	1070.0	1010.8	956.8	913.5
27.5°	1637.7	1506.6	1456.9	1410.4	1305.8	1199.0	1119.7	1040.4	972.7	925.1	880.7
30°	1633.5	1477.0	1416.8	1362.8	1266.6	1170.4	1075.3	1006.5	942.0	881.8	837.4
32.5°	1606.0	1436.9	1375.5	1318.4	1214.8	1118.6	1043.5	970.6	900.8	844.8	804.6
35°	1597.6	1399.8	1319.5	1258.2	1156.7	1071.0	991.7	931.5	865.9	809.9	762.3
37.5°	1573.2	1361.8	1275.1	1196.8	1091.1	1009.7	951.6	891.3	827.9	767.6	729.5
40°	1531.0	1317.4	1219.1	1138.7	1029.8	947.3	893.4	849.0	786.6	732.7	686.2
42.5°	1468.6	1271.9	1166.2	1081.6	961.1	883.9	839.5	797.2	744.3	688.3	650.2
45°	1396.7	1211.7	1113.3	1019.2	896.6	821.5	775.0	749.6	701.0	653.4	609.0
47.5°	1298.3	1149.3	1052.0	954.7	830.0	757.0	720.0	694.6	660.8	609.0	573.1
50°	1174.6	1068.9	976.9	890.2	764.4	694.6	657.6	638.6	610.1	573.1	538.2
52.5°	1037.2	975.9	899.8	819.4	697.8	632.3	598.4	583.6	562.5	527.6	498.0
55°	898.7	872.3	820.5	741.2	628.0	574.1	544.5	525.5	509.6	484.2	458.9
57.5°	775.0	762.3	726.4	665.0	569.9	513.8	488.5	475.8	463.1	444.1	418.7
60°	647.1	660.8	623.8	593.1	506.4	457.8	435.6	421.9	415.5	398.6	382.7
62.5°	536.0	548.7	527.6	504.3	443.0	399.7	385.9	373.2	369.0	354.2	338.3
65°	435.6	451.5	435.6	422.9	385.9	350.0	333.0	326.7	322.5	313.0	300.3
67.5°	346.8	362.6	355.2	339.4	327.8	298.2	288.6	282.3	280.2	272.8	262.2
70°	261.2	283.4	285.5	276.0	265.4	251.6	245.3	243.2	237.9	231.5	225.2
72.5°	188.2	213.6	214.6	214.6	208.3	208.3	201.9	198.8	198.8	192.4	185.0
75°	138.5	155.4	157.5	159.7	162.8	166.0	161.8	161.8	160.7	154.4	151.2
77.5°	92.0	106.8	112.1	119.5	123.7	123.7	125.8	127.9	125.8	122.6	120.5
80°	59.2	69.8	76.1	80.4	86.7	89.9	93.0	94.1	92.0	90.9	87.8
82.5°	39.1	42.3	45.5	50.7	58.2	63.4	63.4	62.4	64.5	63.4	62.4
85°	22.2	24.3	25.4	26.4	30.7	35.9	37.0	38.1	40.2	38.1	35.9
87.5°	8.5	9.5	9.5	9.5	11.6	12.7	15.9	20.1	19.0	16.9	16.9
90°	11.7	9.5	8.4	7.6	5.9	4.2	2.5	0.8	2.5	4.2	5.9
92.5°	15.3	13.8	13.0	13.5	14.5	15.6	16.6	17.6	16.6	15.6	14.5
95°	18.1	16.2	15.3	18.8	25.8	32.8	39.8	46.8	39.8	32.8	25.8
97.5°	50.6	59.3	63.7	66.1	70.8	75.6	80.3	85.1	80.3	75.6	70.8
100°	105.0	131.6	144.9	143.2	139.8	136.4	133.0	129.6	133.0	136.4	139.8
102.5°	145.7	175.4	190.2	189.1	186.9	184.6	182.4	180.2	182.4	184.6	186.9
105°	214.0	229.3	237.0	236.1	234.2	232.3	230.4	228.5	230.4	232.3	234.2
107.5°	290.6	288.1	286.8	286.0	284.5	283.0	281.4	279.9	281.4	283.0	284.5
110°	340.2	338.3	337.4	336.7	335.4	334.0	332.7	331.3	332.7	334.0	335.4

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CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
112.5°	388.6	386.7	385.8	385.2	384.0	382.8	381.6	380.4	381.6	382.8	384.0
115°	435.6	434.1	433.3	432.8	431.8	430.7	429.7	428.7	429.7	430.7	431.8
117.5°	482.9	482.0	481.6	481.0	479.8	478.7	477.5	476.3	477.5	478.7	479.8
120°	527.7	527.2	526.9	526.1	524.6	523.1	521.5	520.0	521.5	523.1	524.6
122.5°	570.8	570.1	569.8	569.2	568.0	566.8	565.6	564.4	565.6	566.8	568.0
125°	611.5	610.8	610.5	609.8	608.4	607.1	605.7	604.3	605.7	607.1	608.4
127.5°	651.6	650.7	650.3	649.6	648.3	646.9	645.6	644.2	645.6	646.9	648.3
130°	688.2	687.5	687.2	686.5	685.1	683.8	682.4	681.0	682.4	683.8	685.1
132.5°	723.2	722.7	722.4	721.7	720.4	719.0	717.7	716.3	717.7	719.0	720.4
135°	757.9	757.2	756.9	756.4	755.4	754.3	753.3	752.3	753.3	754.3	755.4
137.5°	789.7	789.4	789.2	788.5	787.1	785.8	784.4	783.0	784.4	785.8	787.1
140°	819.1	818.6	818.3	817.8	816.8	815.7	814.7	813.7	814.7	815.7	816.8
142.5°	847.5	847.0	846.7	846.2	845.2	844.1	843.1	842.1	843.1	844.1	845.2
145°	874.0	873.7	873.5	872.9	871.7	870.5	869.3	868.1	869.3	870.5	871.7
147.5°	897.8	897.5	897.3	896.9	896.0	895.2	894.3	893.5	894.3	895.2	896.0
150°	919.3	919.0	918.8	918.5	918.0	917.5	917.0	916.5	917.0	917.5	918.0
152.5°	938.2	938.0	937.9	937.8	937.7	937.5	937.4	937.2	937.4	937.5	937.7
155°	955.1	954.9	954.8	955.0	955.3	955.6	956.0	956.3	956.0	955.6	955.3
157.5°	971.4	971.6	971.7	971.7	971.7	971.7	971.7	971.7	971.7	971.7	971.7
160°	984.4	984.6	984.7	984.8	985.0	985.1	985.3	985.5	985.3	985.1	985.0
162.5°	996.0	996.1	996.2	996.5	997.0	997.5	998.0	998.5	998.0	997.5	997.0
165°	1005.9	1006.1	1006.2	1006.5	1007.0	1007.5	1008.0	1008.5	1008.0	1007.5	1007.0
167.5°	1013.9	1013.9	1013.9	1014.2	1014.9	1015.6	1016.2	1016.9	1016.2	1015.6	1014.9
170°	1020.8	1020.8	1020.8	1021.1	1021.8	1022.5	1023.1	1023.8	1023.1	1022.5	1021.8
172.5°	1024.9	1024.7	1024.6	1025.0	1025.9	1026.7	1027.6	1028.4	1027.6	1026.7	1025.9
175°	1028.7	1028.5	1028.4	1028.8	1029.7	1030.6	1031.4	1032.3	1031.4	1030.6	1029.7
177.5°	1030.2	1030.1	1030.0	1030.4	1031.3	1032.1	1033.0	1033.8	1033.0	1032.1	1031.3
180°	1032.3	1032.3	1032.3	1032.3	1032.3	1032.3	1032.3	1032.3	1032.3	1032.3	1032.3

TEST NUMBER: P1011011

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CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
0°	1234.9	1234.9	1234.9	1234.9	1234.9	1234.9	1234.9	1234.9	1234.9	1234.9	1234.9
2.5°	1219.1	1213.8	1211.7	1206.4	1193.7	1185.2	1175.7	1169.4	1170.4	1165.1	1168.3
5°	1181.0	1179.9	1172.5	1162.0	1144.0	1134.5	1117.6	1109.1	1104.9	1105.9	1099.6
7.5°	1149.3	1139.8	1134.5	1117.6	1100.6	1080.5	1066.8	1059.4	1053.1	1046.7	1042.5
10°	1113.3	1104.9	1096.4	1078.4	1055.2	1036.1	1017.1	1009.7	1000.2	996.0	992.8
12.5°	1075.3	1070.0	1059.4	1038.3	1011.8	993.9	971.6	967.4	954.7	946.3	944.2
15°	1040.4	1037.2	1018.2	993.9	967.4	949.4	930.4	917.7	896.6	900.8	893.4
17.5°	1003.4	989.6	978.0	945.2	932.5	905.0	882.8	876.5	861.7	852.2	842.7
20°	962.1	953.7	938.9	917.7	887.1	855.3	838.4	827.9	819.4	804.6	800.4
22.5°	923.0	912.4	899.8	872.3	845.8	819.4	796.1	786.6	776.0	765.5	759.1
25°	892.4	876.5	862.7	828.9	802.5	780.3	765.5	749.6	734.8	728.5	726.4
27.5°	844.8	835.3	821.5	789.8	765.5	741.2	727.4	716.8	701.0	693.6	687.2
30°	814.1	795.1	779.2	753.8	729.5	703.1	690.4	677.7	668.2	658.7	651.3
32.5°	772.9	758.1	745.4	720.0	695.7	671.4	657.6	638.6	633.3	625.9	617.5
35°	732.7	723.2	709.4	682.0	655.5	638.6	623.8	605.8	599.5	594.2	586.8
37.5°	694.6	680.9	671.4	644.9	621.7	601.6	590.0	575.2	570.9	564.6	559.3
40°	661.9	648.1	638.6	612.2	587.9	566.7	559.3	544.5	538.2	530.8	527.6
42.5°	624.9	613.2	600.5	581.5	556.1	535.0	520.2	511.7	503.3	500.1	493.8
45°	585.7	575.2	565.6	544.5	518.1	503.3	490.6	479.0	472.6	467.3	463.1
47.5°	551.9	542.4	529.7	506.4	485.3	471.6	458.9	447.2	440.9	434.5	429.3
50°	512.8	507.5	493.8	471.6	451.5	435.6	424.0	413.4	409.2	401.8	393.3
52.5°	477.9	468.4	456.7	438.8	420.8	401.8	385.9	379.6	372.2	367.9	360.5
55°	436.7	430.3	417.6	401.8	382.7	366.9	355.2	346.8	337.3	333.0	323.5
57.5°	401.8	390.1	383.8	363.7	345.7	329.9	321.4	313.0	302.4	296.0	291.8
60°	363.7	353.1	343.6	326.7	314.0	297.1	284.4	277.0	269.6	261.2	256.9
62.5°	326.7	318.2	306.6	292.9	277.0	263.3	253.7	243.2	238.9	230.5	227.3
65°	286.5	280.2	270.7	254.8	242.1	230.5	221.0	212.5	208.3	205.1	203.0
67.5°	250.6	242.1	235.8	222.0	208.3	198.8	193.5	188.2	182.9	179.7	176.6
70°	213.6	207.2	200.9	188.2	178.7	170.2	166.0	161.8	158.6	155.4	152.2
72.5°	175.5	172.3	166.0	157.5	150.1	143.8	140.6	135.3	132.2	126.9	124.8
75°	144.8	139.6	136.4	129.0	122.6	117.4	113.1	106.8	102.6	100.4	99.4
77.5°	114.2	112.1	107.8	101.5	98.3	93.0	86.7	84.6	82.5	82.5	81.4
80°	85.6	82.5	79.3	74.0	70.8	66.6	66.6	66.6	65.6	66.6	65.6
82.5°	58.2	56.0	53.9	50.7	49.7	49.7	50.7	50.7	50.7	50.7	50.7
85°	33.8	33.8	33.8	34.9	33.8	33.8	34.9	35.9	34.9	34.9	33.8
87.5°	15.9	15.9	16.9	16.9	18.0	18.0	18.0	18.0	18.0	18.0	19.0
90°	7.6	8.4	9.5	11.7	14.0	16.2	18.4	19.1	19.8	20.5	21.2
92.5°	13.5	13.0	13.8	15.3	16.8	18.4	19.9	21.1	22.3	23.5	24.7
95°	18.8	15.3	16.2	18.1	20.0	21.9	23.8	25.0	26.2	27.3	28.5
97.5°	66.1	63.7	59.3	50.6	41.9	33.2	24.5	25.9	27.3	28.6	30.0
100°	143.2	144.9	131.6	105.0	78.5	51.9	25.3	26.7	28.0	29.4	30.7
102.5°	189.1	190.2	175.4	145.7	116.1	86.4	56.8	51.2	45.5	39.9	34.2
105°	236.1	237.0	229.3	214.0	198.7	183.3	168.0	137.8	107.6	77.5	47.3
107.5°	286.0	286.8	288.1	290.6	293.2	295.7	298.3	272.1	245.8	219.6	193.3
110°	336.7	337.4	338.3	340.2	342.1	344.0	345.9	340.3	334.7	329.0	323.4

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CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
112.5°	385.2	385.8	386.7	388.6	390.5	392.3	394.2	395.7	397.3	398.8	400.3
115°	432.8	433.3	434.1	435.6	437.1	438.7	440.2	441.9	443.6	445.3	447.0
117.5°	481.0	481.6	482.0	482.9	483.8	484.6	485.5	486.9	488.2	489.6	490.9
120°	526.1	526.9	527.2	527.7	528.2	528.7	529.2	530.6	531.9	533.3	534.6
122.5°	569.2	569.8	570.1	570.8	571.5	572.2	572.9	573.7	574.6	575.4	576.3
125°	609.8	610.5	610.8	611.5	612.2	612.8	613.5	613.9	614.2	614.6	614.9
127.5°	649.6	650.3	650.7	651.6	652.5	653.3	654.2	654.7	655.2	655.7	656.2
130°	686.5	687.2	687.5	688.2	688.9	689.5	690.2	690.9	691.6	692.3	693.0
132.5°	721.7	722.4	722.7	723.2	723.7	724.2	724.7	725.4	726.1	726.8	727.5
135°	756.4	756.9	757.2	757.9	758.6	759.3	760.0	760.5	761.0	761.5	762.0
137.5°	788.5	789.2	789.4	789.7	790.0	790.4	790.7	791.5	792.4	793.2	794.1
140°	817.8	818.3	818.6	819.1	819.6	820.1	820.6	821.3	822.0	822.7	823.4
142.5°	846.2	846.7	847.0	847.5	848.0	848.5	849.0	849.5	850.0	850.5	851.0
145°	872.9	873.5	873.7	874.0	874.3	874.7	875.0	875.4	875.7	876.1	876.4
147.5°	896.9	897.3	897.5	897.8	898.1	898.5	898.8	899.2	899.5	899.9	900.2
150°	918.5	918.8	919.0	919.3	919.6	920.0	920.3	920.6	921.0	921.3	921.6
152.5°	937.8	937.9	938.0	938.2	938.3	938.5	938.7	939.4	940.1	940.8	941.5
155°	955.0	954.8	954.9	955.1	955.2	955.4	955.6	956.4	957.3	958.1	959.0
157.5°	971.7	971.7	971.6	971.4	971.3	971.1	970.9	971.9	972.9	974.0	975.0
160°	984.8	984.7	984.6	984.4	984.3	984.1	983.9	984.9	985.9	987.0	988.0
162.5°	996.5	996.2	996.1	996.0	995.8	995.7	995.5	996.7	997.9	999.0	1000.2
165°	1006.5	1006.2	1006.1	1005.9	1005.8	1005.6	1005.4	1006.8	1008.2	1009.5	1010.9
167.5°	1014.2	1013.9	1013.9	1013.9	1013.9	1013.9	1013.9	1015.3	1016.6	1018.0	1019.3
170°	1021.1	1020.8	1020.8	1020.8	1020.8	1020.8	1020.8	1022.2	1023.5	1024.9	1026.2
172.5°	1025.0	1024.6	1024.7	1024.9	1025.0	1025.2	1025.4	1026.8	1028.1	1029.5	1030.8
175°	1028.8	1028.4	1028.5	1028.7	1028.8	1029.0	1029.2	1030.4	1031.6	1032.8	1034.0
177.5°	1030.4	1030.0	1030.1	1030.2	1030.4	1030.5	1030.7	1032.1	1033.5	1034.8	1036.2
180°	1032.3	1032.3	1032.3	1032.3	1032.3	1032.3	1032.3	1032.3	1032.3	1032.3	1032.3

TEST NUMBER: P1011011

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CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
0°	1234.9	1234.9	1234.9	1234.9	1234.9	1234.9	1234.9	1234.9	1234.9	1234.9	1234.9
2.5°	1167.2	1168.3	1165.1	1158.8	1157.7	1159.8	1166.2	1164.1	1158.8	1168.3	1159.8
5°	1102.8	1097.5	1095.4	1097.5	1091.1	1087.9	1094.3	1091.1	1094.3	1095.4	1098.5
7.5°	1040.4	1041.4	1035.1	1036.1	1027.7	1029.8	1029.8	1029.8	1033.0	1035.1	1039.3
10°	986.4	988.6	981.2	982.2	975.9	971.6	974.8	981.2	981.2	981.2	983.3
12.5°	943.1	933.6	928.3	927.2	919.8	917.7	924.1	926.2	931.5	931.5	934.6
15°	889.2	887.1	882.8	882.8	864.9	869.1	871.2	878.6	889.2	880.7	882.8
17.5°	840.5	835.3	830.0	827.9	825.7	819.4	827.9	826.8	833.1	834.2	837.4
20°	797.2	793.0	782.4	783.5	785.6	776.0	781.3	781.3	787.7	794.0	801.4
22.5°	754.9	750.7	745.4	747.5	741.2	739.0	739.0	744.3	751.7	757.0	756.0
25°	722.1	714.7	711.6	708.4	705.2	707.3	704.2	709.4	714.7	717.9	714.7
27.5°	685.1	682.0	675.6	672.4	667.1	669.3	671.4	675.6	678.8	678.8	682.0
30°	649.2	644.9	642.8	639.7	639.7	635.4	636.5	640.7	643.9	647.1	651.3
32.5°	614.3	611.1	607.9	607.9	605.8	604.8	603.7	610.1	610.1	616.4	616.4
35°	585.7	580.5	580.5	575.2	577.3	576.2	574.1	578.3	579.4	583.6	582.6
37.5°	554.0	554.0	551.9	546.6	542.4	543.4	548.7	548.7	551.9	550.8	554.0
40°	522.3	520.2	520.2	517.0	516.0	514.9	516.0	517.0	522.3	521.2	522.3
42.5°	490.6	491.6	486.4	486.4	486.4	483.2	484.2	485.3	487.4	489.5	492.7
45°	459.9	457.8	456.7	454.6	452.5	453.6	452.5	456.7	455.7	457.8	461.0
47.5°	427.1	424.0	422.9	418.7	418.7	420.8	419.7	422.9	424.0	427.1	425.0
50°	395.4	391.2	388.0	389.1	382.7	384.9	384.9	388.0	391.2	392.3	394.4
52.5°	358.4	357.4	356.3	351.0	350.0	348.9	350.0	351.0	355.2	358.4	359.5
55°	322.5	321.4	315.1	313.0	309.8	309.8	311.9	313.0	320.4	321.4	325.6
57.5°	289.7	286.5	279.1	278.1	278.1	278.1	274.9	279.1	281.2	286.5	286.5
60°	253.7	253.7	247.4	247.4	248.5	247.4	247.4	248.5	248.5	252.7	254.8
62.5°	225.2	224.1	224.1	222.0	221.0	222.0	221.0	221.0	222.0	225.2	228.4
65°	199.8	198.8	197.7	196.7	194.5	194.5	195.6	197.7	197.7	199.8	200.9
67.5°	175.5	175.5	173.4	173.4	172.3	171.3	172.3	171.3	175.5	175.5	176.6
70°	151.2	150.1	147.0	145.9	142.7	143.8	143.8	147.0	148.0	150.1	152.2
72.5°	121.6	121.6	119.5	117.4	118.4	116.3	116.3	117.4	117.4	120.5	121.6
75°	100.4	98.3	97.3	98.3	97.3	99.4	97.3	97.3	99.4	99.4	99.4
77.5°	82.5	82.5	81.4	81.4	82.5	81.4	82.5	82.5	82.5	81.4	82.5
80°	67.7	66.6	66.6	66.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
82.5°	50.7	50.7	49.7	50.7	50.7	49.7	50.7	49.7	49.7	50.7	50.7
85°	33.8	35.9	33.8	33.8	34.9	34.9	35.9	34.9	35.9	33.8	34.9
87.5°	18.0	19.0	19.0	18.0	18.0	19.0	19.0	19.0	20.1	18.0	19.0
90°	21.5	21.7	22.0	22.3	22.7	23.0	22.7	22.3	22.0	21.7	21.5
92.5°	25.3	25.4	25.6	25.7	25.9	26.1	25.9	25.7	25.6	25.4	25.3
95°	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1
97.5°	30.7	30.8	30.9	31.1	31.2	31.4	31.2	31.1	30.9	30.8	30.7
100°	31.4	31.5	31.7	31.8	32.0	32.2	32.0	31.8	31.7	31.5	31.4
102.5°	31.4	31.6	31.9	32.3	32.6	33.0	32.6	32.3	31.9	31.6	31.4
105°	32.2	32.4	32.7	33.0	33.4	33.7	33.4	33.0	32.7	32.4	32.2
107.5°	180.2	169.0	146.7	124.4	102.1	79.8	102.1	124.4	146.7	169.0	180.2
110°	320.6	308.4	284.0	259.7	235.3	210.9	235.3	259.7	284.0	308.4	320.6

TEST NUMBER: P1011011

CATALOG NUMBER: S123RDIP-B775D805UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
112.5°	401.1	400.9	400.6	400.3	399.9	399.6	399.9	400.3	400.6	400.9	401.1
115°	447.9	448.2	448.9	449.6	450.2	450.9	450.2	449.6	448.9	448.2	447.9
117.5°	491.6	491.7	491.9	492.0	492.2	492.4	492.2	492.0	491.9	491.7	491.6
120°	535.3	535.3	535.3	535.3	535.3	535.3	535.3	535.3	535.3	535.3	535.3
122.5°	576.7	576.8	577.0	577.1	577.3	577.5	577.3	577.1	577.0	576.8	576.7
125°	615.1	615.3	615.6	615.9	616.3	616.6	616.3	615.9	615.6	615.3	615.1
127.5°	656.5	656.3	656.0	655.6	655.3	654.9	655.3	655.6	656.0	656.3	656.5
130°	693.3	693.1	692.8	692.5	692.1	691.8	692.1	692.5	692.8	693.1	693.3
132.5°	727.8	727.5	727.0	726.5	726.0	725.5	726.0	726.5	727.0	727.5	727.8
135°	762.3	762.0	761.5	761.0	760.5	760.0	760.5	761.0	761.5	762.0	762.3
137.5°	794.5	794.3	794.0	793.7	793.3	793.0	793.3	793.7	794.0	794.3	794.5
140°	823.7	823.5	823.2	822.8	822.5	822.1	822.5	822.8	823.2	823.5	823.7
142.5°	851.3	851.0	850.5	850.0	849.5	849.0	849.5	850.0	850.5	851.0	851.3
145°	876.6	876.6	876.6	876.6	876.6	876.6	876.6	876.6	876.6	876.6	876.6
147.5°	900.4	900.0	899.1	898.2	897.4	896.5	897.4	898.2	899.1	900.0	900.4
150°	921.8	921.5	921.0	920.5	920.0	919.5	920.0	920.5	921.0	921.5	921.8
152.5°	941.8	941.4	940.5	939.6	938.8	937.9	938.8	939.6	940.5	941.4	941.8
155°	959.4	958.9	957.9	956.8	955.8	954.8	955.8	956.8	957.9	958.9	959.4
157.5°	975.5	974.8	973.5	972.1	970.8	969.4	970.8	972.1	973.5	974.8	975.5
160°	988.5	987.9	986.7	985.6	984.4	983.2	984.4	985.6	986.7	987.9	988.5
162.5°	1000.8	1000.3	999.3	998.2	997.2	996.2	997.2	998.2	999.3	1000.3	1000.8
165°	1011.6	1011.0	1009.8	1008.6	1007.4	1006.2	1007.4	1008.6	1009.8	1011.0	1011.6
167.5°	1020.0	1019.3	1018.0	1016.6	1015.3	1013.9	1015.3	1016.6	1018.0	1019.3	1020.0
170°	1026.9	1026.2	1024.9	1023.5	1022.2	1020.8	1022.2	1023.5	1024.9	1026.2	1026.9
172.5°	1031.5	1030.7	1029.2	1027.7	1026.1	1024.6	1026.1	1027.7	1029.2	1030.7	1031.5
175°	1034.6	1033.9	1032.5	1031.2	1029.8	1028.4	1029.8	1031.2	1032.5	1033.9	1034.6
177.5°	1036.9	1036.0	1034.3	1032.6	1030.9	1029.2	1030.9	1032.6	1034.3	1036.0	1036.9
180°	1032.3	1032.3	1032.3	1032.3	1032.3	1032.3	1032.3	1032.3	1032.3	1032.3	1032.3

TEST NUMBER: P1011011

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CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
0°	1234.9	1234.9	1234.9	1234.9	1234.9	1234.9	1234.9	1234.9	1234.9	1234.9	1234.9
2.5°	1168.3	1172.5	1168.3	1159.8	1168.3	1173.6	1178.9	1187.3	1191.6	1191.6	1197.9
5°	1101.7	1110.2	1107.0	1104.9	1113.3	1118.6	1127.1	1137.6	1149.3	1156.7	1165.1
7.5°	1042.5	1047.8	1053.1	1053.1	1061.5	1073.1	1085.8	1098.5	1113.3	1123.9	1130.2
10°	990.7	994.9	998.1	1002.3	1015.0	1027.7	1044.6	1060.5	1073.1	1084.8	1095.4
12.5°	941.0	947.3	954.7	957.9	967.4	983.3	999.1	1018.2	1038.3	1049.9	1060.5
15°	893.4	896.6	905.0	914.6	923.0	939.9	960.0	980.1	997.0	1015.0	1024.5
17.5°	844.8	845.8	868.0	862.7	890.2	906.1	916.7	935.7	963.2	978.0	992.8
20°	797.2	807.8	817.3	822.6	837.4	855.3	886.0	900.8	923.0	936.8	949.4
22.5°	760.2	776.0	776.0	788.7	796.1	813.1	835.3	863.8	888.1	897.6	915.6
25°	727.4	734.8	747.5	751.7	765.5	780.3	795.1	825.7	852.2	864.9	877.5
27.5°	685.1	694.6	711.6	711.6	729.5	745.4	763.4	783.5	809.9	827.9	841.6
30°	652.3	661.9	669.3	680.9	688.3	703.1	734.8	749.6	772.9	788.7	805.7
32.5°	621.7	629.1	635.4	648.1	656.6	673.5	690.4	716.8	736.9	751.7	769.7
35°	587.9	595.3	603.7	613.2	625.9	641.8	657.6	679.8	699.9	713.7	728.5
37.5°	556.1	561.4	574.1	580.5	591.0	605.8	625.9	649.2	667.1	677.7	692.5
40°	525.5	529.7	539.2	550.8	558.2	569.9	591.0	611.1	633.3	646.0	657.6
42.5°	492.7	498.0	506.4	518.1	529.7	542.4	554.0	577.3	597.4	607.9	620.6
45°	464.1	467.3	473.7	485.3	496.9	506.4	524.4	545.6	564.6	573.1	586.8
47.5°	430.3	433.5	443.0	448.3	461.0	473.7	491.6	512.8	529.7	538.2	550.8
50°	395.4	398.6	404.9	416.6	425.0	438.8	454.6	472.6	493.8	505.4	512.8
52.5°	361.6	367.9	373.2	382.7	393.3	407.1	421.9	438.8	456.7	468.4	476.8
55°	327.8	333.0	339.4	344.7	357.4	370.1	387.0	402.8	418.7	429.3	438.8
57.5°	289.7	297.1	303.4	314.0	323.5	334.1	353.1	365.8	384.9	392.3	400.7
60°	256.9	264.3	269.6	278.1	286.5	300.3	313.0	328.8	344.7	354.2	364.8
62.5°	229.4	232.6	235.8	244.2	252.7	265.4	278.1	293.9	310.8	316.1	324.6
65°	201.9	205.1	210.4	217.8	224.1	231.5	245.3	258.0	273.8	282.3	285.5
67.5°	178.7	181.9	182.9	188.2	193.5	201.9	209.3	222.0	236.8	242.1	248.5
70°	152.2	157.5	158.6	162.8	164.9	170.2	178.7	188.2	199.8	209.3	214.6
72.5°	121.6	129.0	131.1	137.4	140.6	145.9	152.2	159.7	167.1	171.3	175.5
75°	99.4	101.5	102.6	107.8	113.1	120.5	123.7	127.9	134.3	139.6	143.8
77.5°	82.5	83.5	84.6	84.6	85.6	89.9	96.2	101.5	105.7	107.8	111.0
80°	66.6	65.6	65.6	66.6	66.6	66.6	68.7	76.1	78.2	83.5	82.5
82.5°	51.8	49.7	50.7	49.7	49.7	49.7	49.7	50.7	50.7	53.9	56.0
85°	33.8	34.9	33.8	33.8	32.8	33.8	32.8	32.8	31.7	31.7	30.7
87.5°	18.0	19.0	18.0	18.0	16.9	18.0	16.9	16.9	15.9	15.9	13.7
90°	21.2	20.5	19.8	19.1	18.4	16.2	14.0	11.7	9.5	8.4	7.6
92.5°	24.7	23.5	22.3	21.1	19.9	18.4	16.8	15.3	13.8	13.0	13.5
95°	28.5	27.3	26.2	25.0	23.8	21.9	20.0	18.1	16.2	15.3	18.8
97.5°	30.0	28.6	27.3	25.9	24.5	33.2	41.9	50.6	59.3	63.7	66.1
100°	30.7	29.4	28.0	26.7	25.3	51.9	78.5	105.0	131.6	144.9	143.2
102.5°	34.2	39.9	45.5	51.2	56.8	86.4	116.1	145.7	175.4	190.2	189.1
105°	47.3	77.5	107.6	137.8	168.0	183.3	198.7	214.0	229.3	237.0	236.1
107.5°	193.3	219.6	245.8	272.1	298.3	295.7	293.2	290.6	288.1	286.8	286.0
110°	323.4	329.0	334.7	340.3	345.9	344.0	342.1	340.2	338.3	337.4	336.7

TEST NUMBER: P1011011

CATALOG NUMBER: S123RDIP-B775D805UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
112.5°	400.3	398.8	397.3	395.7	394.2	392.3	390.5	388.6	386.7	385.8	385.2
115°	447.0	445.3	443.6	441.9	440.2	438.7	437.1	435.6	434.1	433.3	432.8
117.5°	490.9	489.6	488.2	486.9	485.5	484.6	483.8	482.9	482.0	481.6	481.0
120°	534.6	533.3	531.9	530.6	529.2	528.7	528.2	527.7	527.2	526.9	526.1
122.5°	576.3	575.4	574.6	573.7	572.9	572.2	571.5	570.8	570.1	569.8	569.2
125°	614.9	614.6	614.2	613.9	613.5	612.8	612.2	611.5	610.8	610.5	609.8
127.5°	656.2	655.7	655.2	654.7	654.2	653.3	652.5	651.6	650.7	650.3	649.6
130°	693.0	692.3	691.6	690.9	690.2	689.5	688.9	688.2	687.5	687.2	686.5
132.5°	727.5	726.8	726.1	725.4	724.7	724.2	723.7	723.2	722.7	722.4	721.7
135°	762.0	761.5	761.0	760.5	760.0	759.3	758.6	757.9	757.2	756.9	756.4
137.5°	794.1	793.2	792.4	791.5	790.7	790.4	790.0	789.7	789.4	789.2	788.5
140°	823.4	822.7	822.0	821.3	820.6	820.1	819.6	819.1	818.6	818.3	817.8
142.5°	851.0	850.5	850.0	849.5	849.0	848.5	848.0	847.5	847.0	846.7	846.2
145°	876.4	876.1	875.7	875.4	875.0	874.7	874.3	874.0	873.7	873.5	872.9
147.5°	900.2	899.9	899.5	899.2	898.8	898.5	898.1	897.8	897.5	897.3	896.9
150°	921.6	921.3	921.0	920.6	920.3	920.0	919.6	919.3	919.0	918.8	918.5
152.5°	941.5	940.8	940.1	939.4	938.7	938.5	938.3	938.2	938.0	937.9	937.8
155°	959.0	958.1	957.3	956.4	955.6	955.4	955.2	955.1	954.9	954.8	955.0
157.5°	975.0	974.0	972.9	971.9	970.9	971.1	971.3	971.4	971.6	971.7	971.7
160°	988.0	987.0	985.9	984.9	983.9	984.1	984.3	984.4	984.6	984.7	984.8
162.5°	1000.2	999.0	997.9	996.7	995.5	995.7	995.8	996.0	996.1	996.2	996.5
165°	1010.9	1009.5	1008.2	1006.8	1005.4	1005.6	1005.8	1005.9	1006.1	1006.2	1006.5
167.5°	1019.3	1018.0	1016.6	1015.3	1013.9	1013.9	1013.9	1013.9	1013.9	1013.9	1014.2
170°	1026.2	1024.9	1023.5	1022.2	1020.8	1020.8	1020.8	1020.8	1020.8	1020.8	1021.1
172.5°	1030.8	1029.5	1028.1	1026.8	1025.4	1025.2	1025.0	1024.9	1024.7	1024.6	1025.0
175°	1034.0	1032.8	1031.6	1030.4	1029.2	1029.0	1028.8	1028.7	1028.5	1028.4	1028.8
177.5°	1036.2	1034.8	1033.5	1032.1	1030.7	1030.5	1030.4	1030.2	1030.1	1030.0	1030.4
180°	1032.3	1032.3	1032.3	1032.3	1032.3	1032.3	1032.3	1032.3	1032.3	1032.3	1032.3

TEST NUMBER: P1011011

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CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
0°	1234.9	1234.9	1234.9	1234.9
2.5°	1203.2	1210.6	1225.4	1238.1
5°	1177.8	1189.4	1211.7	1233.9
7.5°	1147.2	1165.1	1193.7	1224.3
10°	1117.6	1140.8	1175.7	1211.7
12.5°	1087.9	1112.3	1149.3	1195.8
15°	1053.1	1078.4	1122.8	1178.9
17.5°	1022.4	1056.2	1096.4	1152.4
20°	989.6	1015.0	1066.8	1126.0
22.5°	948.4	990.7	1039.3	1101.7
25°	915.6	952.6	1001.3	1072.1
27.5°	875.4	918.8	978.0	1040.4
30°	842.7	878.6	933.6	1008.7
32.5°	804.6	846.9	904.0	978.0
35°	770.8	806.7	860.6	935.7
37.5°	730.6	769.7	830.0	896.6
40°	695.7	733.8	790.9	853.2
42.5°	653.4	693.6	750.7	803.5
45°	619.6	656.6	702.0	750.7
47.5°	578.3	617.5	661.9	695.7
50°	541.3	577.3	612.2	640.7
52.5°	501.2	533.9	565.6	586.8
55°	464.1	489.5	514.9	529.7
57.5°	420.8	445.1	466.3	474.7
60°	382.7	402.8	416.6	426.1
62.5°	342.6	357.4	367.9	373.2
65°	303.4	314.0	319.3	324.6
67.5°	263.3	272.8	276.0	282.3
70°	221.0	231.5	233.7	236.8
72.5°	189.3	189.3	193.5	197.7
75°	151.2	153.3	155.4	155.4
77.5°	118.4	118.4	120.5	121.6
80°	86.7	87.8	87.8	86.7
82.5°	59.2	61.3	59.2	58.2
85°	32.8	37.0	34.9	34.9
87.5°	13.7	13.7	15.9	13.7
90°	5.9	4.2	2.5	0.8
92.5°	14.5	15.6	16.6	17.6
95°	25.8	32.8	39.8	46.8
97.5°	70.8	75.6	80.3	85.1
100°	139.8	136.4	133.0	129.6
102.5°	186.9	184.6	182.4	180.2
105°	234.2	232.3	230.4	228.5
107.5°	284.5	283.0	281.4	279.9
110°	335.4	334.0	332.7	331.3



TEST NUMBER: P1011011

CATALOG NUMBER: S123RDIP-B775D805UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
112.5°	384.0	382.8	381.6	380.4
115°	431.8	430.7	429.7	428.7
117.5°	479.8	478.7	477.5	476.3
120°	524.6	523.1	521.5	520.0
122.5°	568.0	566.8	565.6	564.4
125°	608.4	607.1	605.7	604.3
127.5°	648.3	646.9	645.6	644.2
130°	685.1	683.8	682.4	681.0
132.5°	720.4	719.0	717.7	716.3
135°	755.4	754.3	753.3	752.3
137.5°	787.1	785.8	784.4	783.0
140°	816.8	815.7	814.7	813.7
142.5°	845.2	844.1	843.1	842.1
145°	871.7	870.5	869.3	868.1
147.5°	896.0	895.2	894.3	893.5
150°	918.0	917.5	917.0	916.5
152.5°	937.7	937.5	937.4	937.2
155°	955.3	955.6	956.0	956.3
157.5°	971.7	971.7	971.7	971.7
160°	985.0	985.1	985.3	985.5
162.5°	997.0	997.5	998.0	998.5
165°	1007.0	1007.5	1008.0	1008.5
167.5°	1014.9	1015.6	1016.2	1016.9
170°	1021.8	1022.5	1023.1	1023.8
172.5°	1025.9	1026.7	1027.6	1028.4
175°	1029.7	1030.6	1031.4	1032.3
177.5°	1031.3	1032.1	1033.0	1033.8
180°	1032.3	1032.3	1032.3	1032.3

(END OF REPORT)