

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: P1010981

Luminaire Tested: S123RDIP-B775D1195UB2750-4F0-XX-W2A-A_3500K

Issue Date: 5/7/2025

Test Information

Test Method: LM-79-2019
Report Number: P1010981
REPORT IS A COMBINATION OF REPORTS P993567 AND P1007351
Test Lab: INNOVATION CENTER
Issue Date: 5/7/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: NEO-RAY
Catalog Number: S123RDIP-B775D1195UB2750-4F0-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

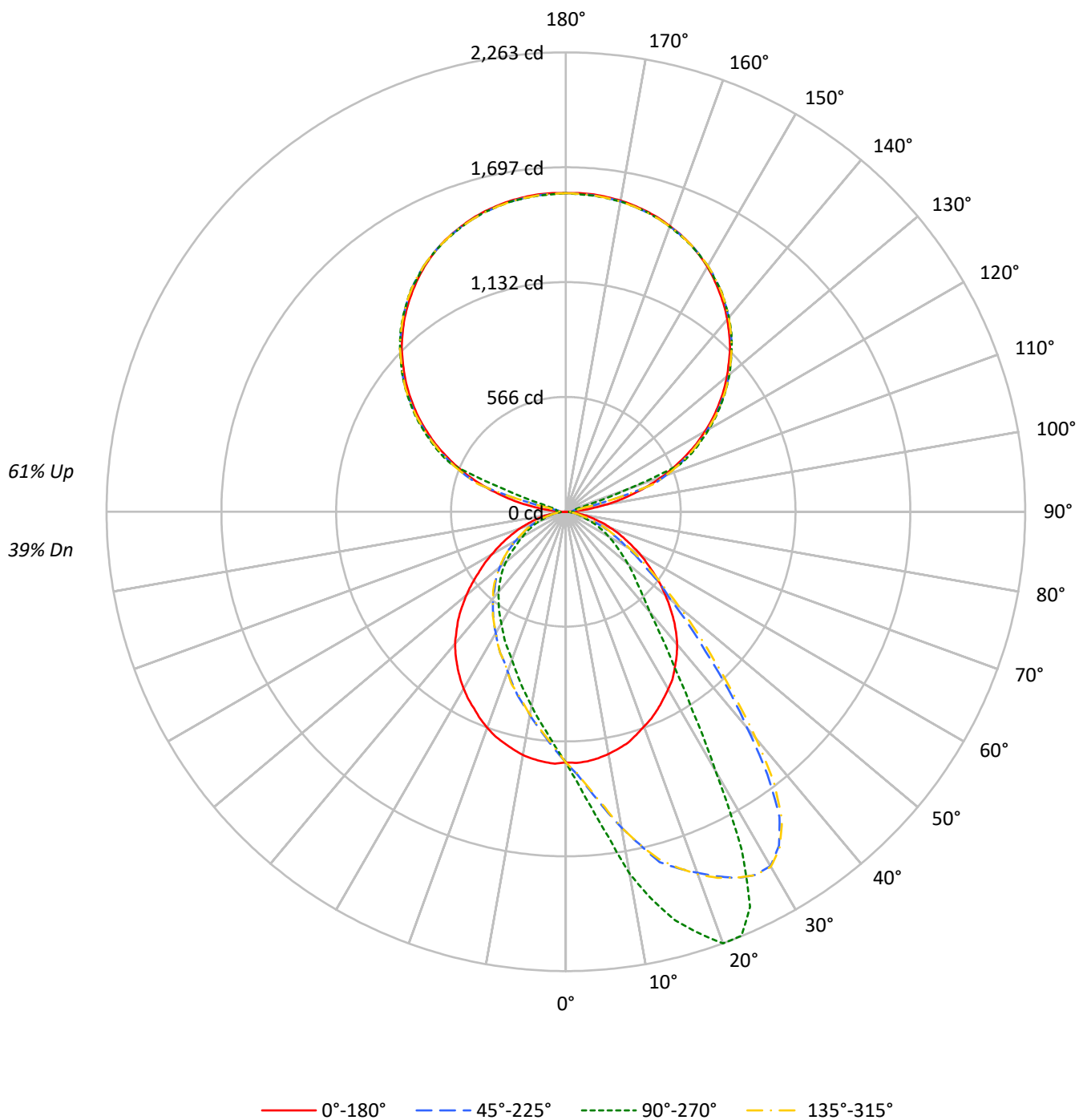
Lumens per Lamp: N/A
Luminaire Lumens: 7863.0 lumens
Efficiency: N/A
Efficacy: 110.9 lumens/watt
Spacing Criteria (0/90/45): 1.22 / 1.2 / 1.34
Luminous Opening: Rectangular w/ Sides (W: 0.25' x L: 4' x H: 0.1')
CIE Type: Semi-Indirect

Input Watts (W): 70.9
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



TEST NUMBER: P1010981

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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	105	105	105	105	95	95	95	95	77	77	77	61	61	61	46	46	46
1	96	92	88	85	87	84	81	78	68	66	64	54	53	52	41	41	40
2	88	81	75	70	79	74	69	65	60	57	54	48	46	44	37	36	34
3	80	71	64	59	73	65	59	54	54	49	46	43	40	38	33	31	30
4	74	63	56	50	67	58	51	46	48	43	39	39	35	33	30	28	26
5	68	57	49	43	61	52	45	40	43	38	34	35	31	28	27	25	23
6	62	51	43	37	57	47	40	35	39	34	30	32	28	25	25	22	20
7	58	46	38	33	52	42	36	31	35	30	26	29	25	22	23	20	18
8	54	42	34	29	49	38	32	27	32	27	24	26	23	20	21	18	16
9	50	38	31	26	45	35	29	24	30	25	21	24	21	18	19	17	15
10	47	35	28	23	42	32	26	22	27	22	19	22	19	16	18	15	14

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	1.5
10°-20°	379.6	4.8
20°-30°	597.9	7.6
30°-40°	621.7	7.9
40°-50°	531.9	6.8
50°-60°	405.5	5.2
60°-70°	259.8	3.3
70°-80°	124.5	1.6
80°-90°	35.9	0.5
90°-100°	55.3	0.7
100°-110°	267.6	3.4
110°-120°	655.8	8.3
120°-130°	832.5	10.6
130°-140°	889.3	11.3
140°-150°	831.6	10.6
150°-160°	670.8	8.5
160°-170°	432.9	5.5
170°-180°	149.2	1.9
0°-30°	1098.8	14.0
0°-40°	1720.5	21.9
0°-60°	2658.0	33.8
0°-90°	3078.1	39.1
90°-120°	978.7	12.4
90°-150°	3532.1	44.9
90°-180°	4785.0	60.9
0°-180°	7863.0	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	35	1	35	1	6
95°	71	44	71	44	71	85
105°	348	51	348	51	348	368
115°	652	686	652	686	652	644
125°	919	938	919	938	919	821
135°	1144	1156	1144	1156	1144	881
145°	1320	1333	1320	1333	1320	826
155°	1454	1452	1454	1452	1454	670
165°	1533	1530	1533	1530	1533	433
175°	1570	1564	1570	1564	1570	149
180°	1570	1570	1570	1570	1570	

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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°	1.2	3.8	6.4	8.9	11.5	12.8	14.5	17.9	21.2	24.6	28.0
92.5°	26.8	25.2	23.7	22.1	20.6	19.8	21.0	23.3	25.6	28.0	30.3
95°	71.1	60.5	49.9	39.2	28.6	23.3	24.7	27.6	30.4	33.3	36.1
97.5°	129.4	122.2	114.9	107.7	100.4	96.8	90.2	77.0	63.7	50.5	37.3
100°	197.1	202.3	207.5	212.6	217.8	220.4	200.2	159.8	119.3	78.9	38.5
102.5°	274.0	277.4	280.8	284.1	287.5	289.2	266.7	221.6	176.5	131.4	86.3
105°	347.5	350.3	353.2	356.0	358.9	360.3	348.6	325.3	302.0	278.7	255.4
107.5°	425.6	427.9	430.3	432.6	434.9	436.1	438.0	441.9	445.8	449.7	453.6
110°	503.7	505.8	507.9	510.0	512.1	513.1	514.5	517.4	520.2	523.1	525.9

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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	578.4	580.2	582.0	583.8	585.6	586.5	587.9	590.8	593.7	596.5	599.4
115°	651.8	653.4	654.9	656.5	658.0	658.8	660.0	662.3	664.6	667.0	669.3
117.5°	724.1	725.9	727.7	729.6	731.4	732.3	732.9	734.2	735.5	736.8	738.1
120°	790.6	792.9	795.3	797.6	799.9	801.1	801.5	802.3	803.0	803.8	804.6
122.5°	858.2	860.0	861.8	863.7	865.5	866.4	866.9	868.0	869.0	870.1	871.1
125°	918.9	921.0	923.0	925.1	927.2	928.2	928.7	929.8	930.8	931.9	932.9
127.5°	979.5	981.6	983.6	985.7	987.8	988.8	989.5	990.8	992.1	993.4	994.7
130°	1035.5	1037.6	1039.6	1041.7	1043.8	1044.8	1045.3	1046.4	1047.4	1048.5	1049.5
132.5°	1089.1	1091.2	1093.2	1095.3	1097.4	1098.4	1098.8	1099.6	1100.3	1101.1	1101.9
135°	1143.9	1145.5	1147.0	1148.6	1150.1	1150.9	1151.4	1152.5	1153.5	1154.6	1155.6
137.5°	1190.6	1192.7	1194.7	1196.8	1198.9	1199.9	1200.2	1200.7	1201.2	1201.7	1202.2
140°	1237.2	1238.8	1240.3	1241.9	1243.4	1244.2	1244.6	1245.4	1246.1	1246.9	1247.7
142.5°	1280.4	1281.9	1283.5	1285.0	1286.5	1287.3	1287.7	1288.5	1289.2	1290.0	1290.8
145°	1320.0	1321.8	1323.6	1325.5	1327.3	1328.2	1328.5	1329.0	1329.5	1330.0	1330.5
147.5°	1358.5	1359.8	1361.1	1362.4	1363.7	1364.3	1364.6	1365.1	1365.6	1366.1	1366.6
150°	1393.5	1394.3	1395.1	1395.8	1396.6	1397.0	1397.3	1397.8	1398.3	1398.8	1399.3
152.5°	1424.9	1425.2	1425.4	1425.7	1426.0	1426.1	1426.2	1426.5	1426.8	1427.0	1427.3
155°	1454.1	1453.6	1453.1	1452.6	1452.1	1451.8	1451.9	1452.2	1452.4	1452.7	1452.9
157.5°	1477.4	1477.4	1477.4	1477.4	1477.4	1477.4	1477.3	1477.0	1476.8	1476.5	1476.3
160°	1498.4	1498.1	1497.9	1497.6	1497.3	1497.2	1497.1	1496.8	1496.6	1496.3	1496.1
162.5°	1518.2	1517.4	1516.6	1515.9	1515.1	1514.7	1514.6	1514.3	1514.1	1513.8	1513.6
165°	1533.4	1532.6	1531.8	1531.1	1530.3	1529.9	1529.8	1529.5	1529.2	1529.0	1528.7
167.5°	1546.2	1545.2	1544.2	1543.1	1542.1	1541.6	1541.6	1541.6	1541.6	1541.6	1541.6
170°	1556.7	1555.7	1554.6	1553.6	1552.5	1552.0	1552.0	1552.0	1552.0	1552.0	1552.0
172.5°	1563.7	1562.4	1561.1	1559.8	1558.5	1557.9	1558.0	1558.3	1558.5	1558.8	1559.0
175°	1569.5	1568.2	1566.9	1565.6	1564.3	1563.7	1563.8	1564.1	1564.4	1564.6	1564.9
177.5°	1571.9	1570.6	1569.3	1568.0	1566.7	1566.0	1566.1	1566.4	1566.7	1566.9	1567.2
180°	1569.5	1569.5	1569.5	1569.5	1569.5	1569.5	1569.5	1569.5	1569.5	1569.5	1569.5

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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°	29.0	30.1	31.1	32.2	32.7	33.0	33.5	34.0	34.5	35.0	34.5
92.5°	32.1	33.9	35.8	37.6	38.5	38.6	38.9	39.1	39.4	39.6	39.4
95°	37.9	39.7	41.6	43.4	44.3	44.3	44.3	44.3	44.3	44.3	44.3
97.5°	39.4	41.4	43.5	45.6	46.6	46.7	47.0	47.3	47.5	47.8	47.5
100°	40.6	42.6	44.7	46.8	47.8	47.9	48.2	48.5	48.7	49.0	48.7
102.5°	77.7	69.2	60.6	52.1	47.8	48.1	48.6	49.1	49.6	50.1	49.6
105°	209.5	163.7	117.8	71.9	49.0	49.3	49.8	50.3	50.8	51.3	50.8
107.5°	413.7	373.8	333.9	294.0	274.0	257.0	223.1	189.2	155.2	121.3	155.2
110°	517.3	508.8	500.2	491.7	487.4	468.9	431.8	394.8	357.7	320.7	357.7

TEST NUMBER: P1010981

CATALOG NUMBER: S123RDIP-B775D1195UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	601.7	604.1	606.4	608.7	609.9	609.6	609.1	608.6	608.0	607.5	608.0
115°	671.9	674.5	677.1	679.7	681.0	681.5	682.6	683.6	684.7	685.7	684.7
117.5°	740.2	742.3	744.4	746.5	747.5	747.6	747.9	748.1	748.4	748.6	748.4
120°	806.7	808.7	810.8	812.9	813.9	813.9	813.9	813.9	813.9	813.9	813.9
122.5°	872.4	873.7	875.0	876.3	876.9	877.0	877.3	877.6	877.8	878.1	877.8
125°	933.4	933.9	934.4	934.9	935.2	935.5	936.0	936.5	937.0	937.5	937.0
127.5°	995.5	996.3	997.0	997.8	998.2	997.9	997.4	996.9	996.3	995.8	996.3
130°	1050.5	1051.5	1052.6	1053.6	1054.1	1053.8	1053.3	1052.8	1052.3	1051.8	1052.3
132.5°	1102.9	1104.0	1105.0	1106.1	1106.6	1106.2	1105.4	1104.7	1103.9	1103.1	1103.9
135°	1156.4	1157.2	1157.9	1158.7	1159.1	1158.7	1157.9	1157.2	1156.4	1155.6	1156.4
137.5°	1203.5	1204.8	1206.1	1207.4	1208.1	1207.8	1207.3	1206.8	1206.2	1205.7	1206.2
140°	1248.7	1249.8	1250.8	1251.9	1252.4	1252.1	1251.6	1251.1	1250.5	1250.0	1250.5
142.5°	1291.6	1292.4	1293.1	1293.9	1294.3	1293.9	1293.1	1292.4	1291.6	1290.8	1291.6
145°	1331.0	1331.5	1332.0	1332.5	1332.8	1332.8	1332.8	1332.8	1332.8	1332.8	1332.8
147.5°	1367.1	1367.7	1368.2	1368.7	1369.0	1368.3	1367.0	1365.7	1364.4	1363.1	1364.4
150°	1399.8	1400.3	1400.8	1401.3	1401.6	1401.2	1400.4	1399.7	1398.9	1398.1	1398.9
152.5°	1428.3	1429.3	1430.4	1431.4	1431.9	1431.3	1430.0	1428.7	1427.4	1426.1	1427.4
155°	1454.2	1455.5	1456.8	1458.1	1458.8	1458.0	1456.5	1454.9	1453.4	1451.8	1453.4
157.5°	1477.8	1479.4	1480.9	1482.4	1483.2	1482.2	1480.1	1478.0	1476.0	1473.9	1476.0
160°	1497.7	1499.2	1500.8	1502.3	1503.1	1502.2	1500.4	1498.5	1496.7	1494.9	1496.7
162.5°	1515.4	1517.2	1519.0	1520.8	1521.7	1520.9	1519.4	1517.8	1516.3	1514.7	1516.3
165°	1530.8	1532.9	1535.0	1537.1	1538.1	1537.2	1535.4	1533.5	1531.7	1529.9	1531.7
167.5°	1543.7	1545.7	1547.8	1549.9	1550.9	1549.9	1547.8	1545.7	1543.7	1541.6	1543.7
170°	1554.1	1556.2	1558.3	1560.4	1561.4	1560.4	1558.3	1556.2	1554.1	1552.0	1554.1
172.5°	1561.1	1563.2	1565.3	1567.4	1568.4	1567.2	1564.9	1562.6	1560.2	1557.9	1560.2
175°	1566.7	1568.5	1570.3	1572.1	1573.0	1572.0	1569.9	1567.8	1565.8	1563.7	1565.8
177.5°	1569.3	1571.3	1573.4	1575.5	1576.5	1575.2	1572.6	1570.1	1567.5	1564.9	1567.5
180°	1569.5	1569.5	1569.5	1569.5	1569.5	1569.5	1569.5	1569.5	1569.5	1569.5	1569.5

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CATALOG NUMBER: S123RDIP-B775D1195UB2750-4F0-XX-W2A-A_3500K

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°	34.0	33.5	33.0	32.7	32.2	31.1	30.1	29.0	28.0	24.6	21.2
92.5°	39.1	38.9	38.6	38.5	37.6	35.8	33.9	32.1	30.3	28.0	25.6
95°	44.3	44.3	44.3	44.3	43.4	41.6	39.7	37.9	36.1	33.3	30.4
97.5°	47.3	47.0	46.7	46.6	45.6	43.5	41.4	39.4	37.3	30.5	63.7
100°	48.5	48.2	47.9	47.8	46.8	44.7	42.6	40.6	38.5	78.9	119.3
102.5°	49.1	48.6	48.1	47.8	52.1	60.6	69.2	77.7	86.3	131.4	176.5
105°	50.3	49.8	49.3	49.0	71.9	117.8	163.7	209.5	255.4	278.7	302.0
107.5°	189.2	223.1	257.0	274.0	294.0	333.9	373.8	413.7	453.6	449.7	445.8
110°	394.8	431.8	468.9	487.4	491.7	500.2	508.8	517.3	525.9	523.1	520.2

TEST NUMBER: P1010981

CATALOG NUMBER: S123RDIP-B775D1195UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	608.6	609.1	609.6	609.9	608.7	606.4	604.1	601.7	599.4	596.5	593.7
115°	683.6	682.6	681.5	681.0	679.7	677.1	674.5	671.9	669.3	667.0	664.6
117.5°	748.1	747.9	747.6	747.5	746.5	744.4	742.3	740.2	738.1	736.8	735.5
120°	813.9	813.9	813.9	813.9	812.9	810.8	808.7	806.7	804.6	803.8	803.0
122.5°	877.6	877.3	877.0	876.9	876.3	875.0	873.7	872.4	871.1	870.1	869.0
125°	936.5	936.0	935.5	935.2	934.9	934.4	933.9	933.4	932.9	931.9	930.8
127.5°	996.9	997.4	997.9	998.2	997.8	997.0	996.3	995.5	994.7	993.4	992.1
130°	1052.8	1053.3	1053.8	1054.1	1053.6	1052.6	1051.5	1050.5	1049.5	1048.5	1047.4
132.5°	1104.7	1105.4	1106.2	1106.6	1106.1	1105.0	1104.0	1102.9	1101.9	1101.1	1100.3
135°	1157.2	1157.9	1158.7	1159.1	1158.7	1157.9	1157.2	1156.4	1155.6	1154.6	1153.5
137.5°	1206.8	1207.3	1207.8	1208.1	1207.4	1206.1	1204.8	1203.5	1202.2	1201.7	1201.2
140°	1251.1	1251.6	1252.1	1252.4	1251.9	1250.8	1249.8	1248.7	1247.7	1246.9	1246.1
142.5°	1292.4	1293.1	1293.9	1294.3	1293.9	1293.1	1292.4	1291.6	1290.8	1290.0	1289.2
145°	1332.8	1332.8	1332.8	1332.8	1332.5	1332.0	1331.5	1331.0	1330.5	1330.0	1329.5
147.5°	1365.7	1367.0	1368.3	1369.0	1368.7	1368.2	1367.7	1367.1	1366.6	1366.1	1365.6
150°	1399.7	1400.4	1401.2	1401.6	1401.3	1400.8	1400.3	1399.8	1399.3	1398.8	1398.3
152.5°	1428.7	1430.0	1431.3	1431.9	1431.4	1430.4	1429.3	1428.3	1427.3	1427.0	1426.8
155°	1454.9	1456.5	1458.0	1458.8	1458.1	1456.8	1455.5	1454.2	1452.9	1452.7	1452.4
157.5°	1478.0	1480.1	1482.2	1483.2	1482.4	1480.9	1479.4	1477.8	1476.3	1476.5	1476.8
160°	1498.5	1500.4	1502.2	1503.1	1502.3	1500.8	1499.2	1497.7	1496.1	1496.3	1496.6
162.5°	1517.8	1519.4	1520.9	1521.7	1520.8	1519.0	1517.2	1515.4	1513.6	1513.8	1514.1
165°	1533.5	1535.4	1537.2	1538.1	1537.1	1535.0	1532.9	1530.8	1528.7	1529.0	1529.2
167.5°	1545.7	1547.8	1549.9	1550.9	1549.9	1547.8	1545.7	1543.7	1541.6	1541.6	1541.6
170°	1556.2	1558.3	1560.4	1561.4	1560.4	1558.3	1556.2	1554.1	1552.0	1552.0	1552.0
172.5°	1562.6	1564.9	1567.2	1568.4	1567.4	1565.3	1563.2	1561.1	1559.0	1558.8	1558.5
175°	1567.8	1569.9	1572.0	1573.0	1572.1	1570.3	1568.5	1566.7	1564.9	1564.6	1564.4
177.5°	1570.1	1572.6	1575.2	1576.5	1575.5	1573.4	1571.3	1569.3	1567.2	1566.9	1566.7
180°	1569.5	1569.5	1569.5	1569.5	1569.5	1569.5	1569.5	1569.5	1569.5	1569.5	1569.5

TEST NUMBER: P1010981

CATALOG NUMBER: S123RDIP-B775D1195UB2750-4F0-XX-W2A-A_3500K

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°	17.9	14.5	12.8	11.5	8.9	6.4	3.8	1.2	3.8	6.4	8.9
92.5°	23.3	21.0	19.8	20.6	22.1	23.7	25.2	26.8	25.2	23.7	22.1
95°	27.6	24.7	23.3	28.6	39.2	49.9	60.5	71.1	60.5	49.9	39.2
97.5°	77.0	90.2	96.8	100.4	107.7	114.9	122.2	129.4	122.2	114.9	107.7
100°	159.8	200.2	220.4	217.8	212.6	207.5	202.3	197.1	202.3	207.5	212.6
102.5°	221.6	266.7	289.2	287.5	284.1	280.8	277.4	274.0	277.4	280.8	284.1
105°	325.3	348.6	360.3	358.9	356.0	353.2	350.3	347.5	350.3	353.2	356.0
107.5°	441.9	438.0	436.1	434.9	432.6	430.3	427.9	425.6	427.9	430.3	432.6
110°	517.4	514.5	513.1	512.1	510.0	507.9	505.8	503.7	505.8	507.9	510.0

TEST NUMBER: P1010981

CATALOG NUMBER: S123RDIP-B775D1195UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
112.5°	590.8	587.9	586.5	585.6	583.8	582.0	580.2	578.4	580.2	582.0	583.8
115°	662.3	660.0	658.8	658.0	656.5	654.9	653.4	651.8	653.4	654.9	656.5
117.5°	734.2	732.9	732.3	731.4	729.6	727.7	725.9	724.1	725.9	727.7	729.6
120°	802.3	801.5	801.1	799.9	797.6	795.3	792.9	790.6	792.9	795.3	797.6
122.5°	868.0	866.9	866.4	865.5	863.7	861.8	860.0	858.2	860.0	861.8	863.7
125°	929.8	928.7	928.2	927.2	925.1	923.0	921.0	918.9	921.0	923.0	925.1
127.5°	990.8	989.5	988.8	987.8	985.7	983.6	981.6	979.5	981.6	983.6	985.7
130°	1046.4	1045.3	1044.8	1043.8	1041.7	1039.6	1037.6	1035.5	1037.6	1039.6	1041.7
132.5°	1099.6	1098.8	1098.4	1097.4	1095.3	1093.2	1091.2	1089.1	1091.2	1093.2	1095.3
135°	1152.5	1151.4	1150.9	1150.1	1148.6	1147.0	1145.5	1143.9	1145.5	1147.0	1148.6
137.5°	1200.7	1200.2	1199.9	1198.9	1196.8	1194.7	1192.7	1190.6	1192.7	1194.7	1196.8
140°	1245.4	1244.6	1244.2	1243.4	1241.9	1240.3	1238.8	1237.2	1238.8	1240.3	1241.9
142.5°	1288.5	1287.7	1287.3	1286.5	1285.0	1283.5	1281.9	1280.4	1281.9	1283.5	1285.0
145°	1329.0	1328.5	1328.2	1327.3	1325.5	1323.6	1321.8	1320.0	1321.8	1323.6	1325.5
147.5°	1365.1	1364.6	1364.3	1363.7	1362.4	1361.1	1359.8	1358.5	1359.8	1361.1	1362.4
150°	1397.8	1397.3	1397.0	1396.6	1395.8	1395.1	1394.3	1393.5	1394.3	1395.1	1395.8
152.5°	1426.5	1426.2	1426.1	1426.0	1425.7	1425.4	1425.2	1424.9	1425.2	1425.4	1425.7
155°	1452.2	1451.9	1451.8	1452.1	1452.6	1453.1	1453.6	1454.1	1453.6	1453.1	1452.6
157.5°	1477.0	1477.3	1477.4	1477.4	1477.4	1477.4	1477.4	1477.4	1477.4	1477.4	1477.4
160°	1496.8	1497.1	1497.2	1497.3	1497.6	1497.9	1498.1	1498.4	1498.1	1497.9	1497.6
162.5°	1514.3	1514.6	1514.7	1515.1	1515.9	1516.6	1517.4	1518.2	1517.4	1516.6	1515.9
165°	1529.5	1529.8	1529.9	1530.3	1531.1	1531.8	1532.6	1533.4	1532.6	1531.8	1531.1
167.5°	1541.6	1541.6	1541.6	1542.1	1543.1	1544.2	1545.2	1546.2	1545.2	1544.2	1543.1
170°	1552.0	1552.0	1552.0	1552.5	1553.6	1554.6	1555.7	1556.7	1555.7	1554.6	1553.6
172.5°	1558.3	1558.0	1557.9	1558.5	1559.8	1561.1	1562.4	1563.7	1562.4	1561.1	1559.8
175°	1564.1	1563.8	1563.7	1564.3	1565.6	1566.9	1568.2	1569.5	1568.2	1566.9	1565.6
177.5°	1566.4	1566.1	1566.0	1566.7	1568.0	1569.3	1570.6	1571.9	1570.6	1569.3	1568.0
180°	1569.5	1569.5	1569.5	1569.5	1569.5	1569.5	1569.5	1569.5	1569.5	1569.5	1569.5

TEST NUMBER: P1010981

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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°	11.5	12.8	14.5	17.9	21.2	24.6	28.0	29.0	30.1	31.1	32.2
92.5°	20.6	19.8	21.0	23.3	25.6	28.0	30.3	32.1	33.9	35.8	37.6
95°	28.6	23.3	24.7	27.6	30.4	33.3	36.1	37.9	39.7	41.6	43.4
97.5°	100.4	96.8	90.2	77.0	63.7	50.5	37.3	39.4	41.4	43.5	45.6
100°	217.8	220.4	200.2	159.8	119.3	78.9	38.5	40.6	42.6	44.7	46.8
102.5°	287.5	289.2	266.7	221.6	176.5	131.4	86.3	77.7	69.2	60.6	52.1
105°	358.9	360.3	348.6	325.3	302.0	278.7	255.4	209.5	163.7	117.8	71.9
107.5°	434.9	436.1	438.0	441.9	445.8	449.7	453.6	413.7	373.8	333.9	294.0
110°	512.1	513.1	514.5	517.4	520.2	523.1	525.9	517.3	508.8	500.2	491.7

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CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
112.5°	585.6	586.5	587.9	590.8	593.7	596.5	599.4	601.7	604.1	606.4	608.7
115°	658.0	658.8	660.0	662.3	664.6	667.0	669.3	671.9	674.5	677.1	679.7
117.5°	731.4	732.3	732.9	734.2	735.5	736.8	738.1	740.2	742.3	744.4	746.5
120°	799.9	801.1	801.5	802.3	803.0	803.8	804.6	806.7	808.7	810.8	812.9
122.5°	865.5	866.4	866.9	868.0	869.0	870.1	871.1	872.4	873.7	875.0	876.3
125°	927.2	928.2	928.7	929.8	930.8	931.9	932.9	933.4	933.9	934.4	934.9
127.5°	987.8	988.8	989.5	990.8	992.1	993.4	994.7	995.5	996.3	997.0	997.8
130°	1043.8	1044.8	1045.3	1046.4	1047.4	1048.5	1049.5	1050.5	1051.5	1052.6	1053.6
132.5°	1097.4	1098.4	1098.8	1099.6	1100.3	1101.1	1101.9	1102.9	1104.0	1105.0	1106.1
135°	1150.1	1150.9	1151.4	1152.5	1153.5	1154.6	1155.6	1156.4	1157.2	1157.9	1158.7
137.5°	1198.9	1199.9	1200.2	1200.7	1201.2	1201.7	1202.2	1203.5	1204.8	1206.1	1207.4
140°	1243.4	1244.2	1244.6	1245.4	1246.1	1246.9	1247.7	1248.7	1249.8	1250.8	1251.9
142.5°	1286.5	1287.3	1287.7	1288.5	1289.2	1290.0	1290.8	1291.6	1292.4	1293.1	1293.9
145°	1327.3	1328.2	1328.5	1329.0	1329.5	1330.0	1330.5	1331.0	1331.5	1332.0	1332.5
147.5°	1363.7	1364.3	1364.6	1365.1	1365.6	1366.1	1366.6	1367.1	1367.7	1368.2	1368.7
150°	1396.6	1397.0	1397.3	1397.8	1398.3	1398.8	1399.3	1399.8	1400.3	1400.8	1401.3
152.5°	1426.0	1426.1	1426.2	1426.5	1426.8	1427.0	1427.3	1428.3	1429.3	1430.4	1431.4
155°	1452.1	1451.8	1451.9	1452.2	1452.4	1452.7	1452.9	1454.2	1455.5	1456.8	1458.1
157.5°	1477.4	1477.4	1477.3	1477.0	1476.8	1476.5	1476.3	1477.8	1479.4	1480.9	1482.4
160°	1497.3	1497.2	1497.1	1496.8	1496.6	1496.3	1496.1	1497.7	1499.2	1500.8	1502.3
162.5°	1515.1	1514.7	1514.6	1514.3	1514.1	1513.8	1513.6	1515.4	1517.2	1519.0	1520.8
165°	1530.3	1529.9	1529.8	1529.5	1529.2	1529.0	1528.7	1530.8	1532.9	1535.0	1537.1
167.5°	1542.1	1541.6	1541.6	1541.6	1541.6	1541.6	1541.6	1543.7	1545.7	1547.8	1549.9
170°	1552.5	1552.0	1552.0	1552.0	1552.0	1552.0	1552.0	1554.1	1556.2	1558.3	1560.4
172.5°	1558.5	1557.9	1558.0	1558.3	1558.5	1558.8	1559.0	1561.1	1563.2	1565.3	1567.4
175°	1564.3	1563.7	1563.8	1564.1	1564.4	1564.6	1564.9	1566.7	1568.5	1570.3	1572.1
177.5°	1566.7	1566.0	1566.1	1566.4	1566.7	1566.9	1567.2	1569.3	1571.3	1573.4	1575.5
180°	1569.5	1569.5	1569.5	1569.5	1569.5	1569.5	1569.5	1569.5	1569.5	1569.5	1569.5

TEST NUMBER: P1010981

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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°	32.7	33.0	33.5	34.0	34.5	35.0	34.5	34.0	33.5	33.0	32.7
92.5°	38.5	38.6	38.9	39.1	39.4	39.6	39.4	39.1	38.9	38.6	38.5
95°	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3
97.5°	46.6	46.7	47.0	47.3	47.5	47.8	47.5	47.3	47.0	46.7	46.6
100°	47.8	47.9	48.2	48.5	48.7	49.0	48.7	48.5	48.2	47.9	47.8
102.5°	47.8	48.1	48.6	49.1	49.6	50.1	49.6	49.1	48.6	48.1	47.8
105°	49.0	49.3	49.8	50.3	50.8	51.3	50.8	50.3	49.8	49.3	49.0
107.5°	274.0	257.0	223.1	189.2	155.2	121.3	155.2	189.2	223.1	257.0	274.0
110°	487.4	468.9	431.8	394.8	357.7	320.7	357.7	394.8	431.8	468.9	487.4

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CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
112.5°	609.9	609.6	609.1	608.6	608.0	607.5	608.0	608.6	609.1	609.6	609.9
115°	681.0	681.5	682.6	683.6	684.7	685.7	684.7	683.6	682.6	681.5	681.0
117.5°	747.5	747.6	747.9	748.1	748.4	748.6	748.4	748.1	747.9	747.6	747.5
120°	813.9	813.9	813.9	813.9	813.9	813.9	813.9	813.9	813.9	813.9	813.9
122.5°	876.9	877.0	877.3	877.6	877.8	878.1	877.8	877.6	877.3	877.0	876.9
125°	935.2	935.5	936.0	936.5	937.0	937.5	937.0	936.5	936.0	935.5	935.2
127.5°	998.2	997.9	997.4	996.9	996.3	995.8	996.3	996.9	997.4	997.9	998.2
130°	1054.1	1053.8	1053.3	1052.8	1052.3	1051.8	1052.3	1052.8	1053.3	1053.8	1054.1
132.5°	1106.6	1106.2	1105.4	1104.7	1103.9	1103.1	1103.9	1104.7	1105.4	1106.2	1106.6
135°	1159.1	1158.7	1157.9	1157.2	1156.4	1155.6	1156.4	1157.2	1157.9	1158.7	1159.1
137.5°	1208.1	1207.8	1207.3	1206.8	1206.2	1205.7	1206.2	1206.8	1207.3	1207.8	1208.1
140°	1252.4	1252.1	1251.6	1251.1	1250.5	1250.0	1250.5	1251.1	1251.6	1252.1	1252.4
142.5°	1294.3	1293.9	1293.1	1292.4	1291.6	1290.8	1291.6	1292.4	1293.1	1293.9	1294.3
145°	1332.8	1332.8	1332.8	1332.8	1332.8	1332.8	1332.8	1332.8	1332.8	1332.8	1332.8
147.5°	1369.0	1368.3	1367.0	1365.7	1364.4	1363.1	1364.4	1365.7	1367.0	1368.3	1369.0
150°	1401.6	1401.2	1400.4	1399.7	1398.9	1398.1	1398.9	1399.7	1400.4	1401.2	1401.6
152.5°	1431.9	1431.3	1430.0	1428.7	1427.4	1426.1	1427.4	1428.7	1430.0	1431.3	1431.9
155°	1458.8	1458.0	1456.5	1454.9	1453.4	1451.8	1453.4	1454.9	1456.5	1458.0	1458.8
157.5°	1483.2	1482.2	1480.1	1478.0	1476.0	1473.9	1476.0	1478.0	1480.1	1482.2	1483.2
160°	1503.1	1502.2	1500.4	1498.5	1496.7	1494.9	1496.7	1498.5	1500.4	1502.2	1503.1
162.5°	1521.7	1520.9	1519.4	1517.8	1516.3	1514.7	1516.3	1517.8	1519.4	1520.9	1521.7
165°	1538.1	1537.2	1535.4	1533.5	1531.7	1529.9	1531.7	1533.5	1535.4	1537.2	1538.1
167.5°	1550.9	1549.9	1547.8	1545.7	1543.7	1541.6	1543.7	1545.7	1547.8	1549.9	1550.9
170°	1561.4	1560.4	1558.3	1556.2	1554.1	1552.0	1554.1	1556.2	1558.3	1560.4	1561.4
172.5°	1568.4	1567.2	1564.9	1562.6	1560.2	1557.9	1560.2	1562.6	1564.9	1567.2	1568.4
175°	1573.0	1572.0	1569.9	1567.8	1565.8	1563.7	1565.8	1567.8	1569.9	1572.0	1573.0
177.5°	1576.5	1575.2	1572.6	1570.1	1567.5	1564.9	1567.5	1570.1	1572.6	1575.2	1576.5
180°	1569.5	1569.5	1569.5	1569.5	1569.5	1569.5	1569.5	1569.5	1569.5	1569.5	1569.5

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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°	32.2	31.1	30.1	29.0	28.0	24.6	21.2	17.9	14.5	12.8	11.5
92.5°	37.6	35.8	33.9	32.1	30.3	28.0	25.6	23.3	21.0	19.8	20.6
95°	43.4	41.6	39.7	37.9	36.1	33.3	30.4	27.6	24.7	23.3	28.6
97.5°	45.6	43.5	41.4	39.4	37.3	50.5	63.7	77.0	90.2	96.8	100.4
100°	46.8	44.7	42.6	40.6	38.5	78.9	119.3	159.8	200.2	220.4	217.8
102.5°	52.1	60.6	69.2	77.7	86.3	131.4	176.5	221.6	266.7	289.2	287.5
105°	71.9	117.8	163.7	209.5	255.4	278.7	302.0	325.3	348.6	360.3	358.9
107.5°	294.0	333.9	373.8	413.7	453.6	449.7	445.8	441.9	438.0	436.1	434.9
110°	491.7	500.2	508.8	517.3	525.9	523.1	520.2	517.4	514.5	513.1	512.1

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CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
112.5°	608.7	606.4	604.1	601.7	599.4	596.5	593.7	590.8	587.9	586.5	585.6
115°	679.7	677.1	674.5	671.9	669.3	667.0	664.6	662.3	660.0	658.8	658.0
117.5°	746.5	744.4	742.3	740.2	738.1	736.8	735.5	734.2	732.9	732.3	731.4
120°	812.9	810.8	808.7	806.7	804.6	803.8	803.0	802.3	801.5	801.1	799.9
122.5°	876.3	875.0	873.7	872.4	871.1	870.1	869.0	868.0	866.9	866.4	865.5
125°	934.9	934.4	933.9	933.4	932.9	931.9	930.8	929.8	928.7	928.2	927.2
127.5°	997.8	997.0	996.3	995.5	994.7	993.4	992.1	990.8	989.5	988.8	987.8
130°	1053.6	1052.6	1051.5	1050.5	1049.5	1048.5	1047.4	1046.4	1045.3	1044.8	1043.8
132.5°	1106.1	1105.0	1104.0	1102.9	1101.9	1101.1	1100.3	1099.6	1098.8	1098.4	1097.4
135°	1158.7	1157.9	1157.2	1156.4	1155.6	1154.6	1153.5	1152.5	1151.4	1150.9	1150.1
137.5°	1207.4	1206.1	1204.8	1203.5	1202.2	1201.7	1201.2	1200.7	1200.2	1199.9	1198.9
140°	1251.9	1250.8	1249.8	1248.7	1247.7	1246.9	1246.1	1245.4	1244.6	1244.2	1243.4
142.5°	1293.9	1293.1	1292.4	1291.6	1290.8	1290.0	1289.2	1288.5	1287.7	1287.3	1286.5
145°	1332.5	1332.0	1331.5	1331.0	1330.5	1330.0	1329.5	1329.0	1328.5	1328.2	1327.3
147.5°	1368.7	1368.2	1367.7	1367.1	1366.6	1366.1	1365.6	1365.1	1364.6	1364.3	1363.7
150°	1401.3	1400.8	1400.3	1399.8	1399.3	1398.8	1398.3	1397.8	1397.3	1397.0	1396.6
152.5°	1431.4	1430.4	1429.3	1428.3	1427.3	1427.0	1426.8	1426.5	1426.2	1426.1	1426.0
155°	1458.1	1456.8	1455.5	1454.2	1452.9	1452.7	1452.4	1452.2	1451.9	1451.8	1452.1
157.5°	1482.4	1480.9	1479.4	1477.8	1476.3	1476.5	1476.8	1477.0	1477.3	1477.4	1477.4
160°	1502.3	1500.8	1499.2	1497.7	1496.1	1496.3	1496.6	1496.8	1497.1	1497.2	1497.3
162.5°	1520.8	1519.0	1517.2	1515.4	1513.6	1513.8	1514.1	1514.3	1514.6	1514.7	1515.1
165°	1537.1	1535.0	1532.9	1530.8	1528.7	1529.0	1529.2	1529.5	1529.8	1529.9	1530.3
167.5°	1549.9	1547.8	1545.7	1543.7	1541.6	1541.6	1541.6	1541.6	1541.6	1541.6	1542.1
170°	1560.4	1558.3	1556.2	1554.1	1552.0	1552.0	1552.0	1552.0	1552.0	1552.0	1552.5
172.5°	1567.4	1565.3	1563.2	1561.1	1559.0	1558.8	1558.5	1558.3	1558.0	1557.9	1558.5
175°	1572.1	1570.3	1568.5	1566.7	1564.9	1564.6	1564.4	1564.1	1563.8	1563.7	1564.3
177.5°	1575.5	1573.4	1571.3	1569.3	1567.2	1566.9	1566.7	1566.4	1566.1	1566.0	1566.7
180°	1569.5	1569.5	1569.5	1569.5	1569.5	1569.5	1569.5	1569.5	1569.5	1569.5	1569.5

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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°	8.9	6.4	3.8	1.2
92.5°	22.1	23.7	25.2	26.8
95°	39.2	49.9	60.5	71.1
97.5°	107.7	114.9	122.2	129.4
100°	212.6	207.5	202.3	197.1
102.5°	284.1	280.8	277.4	274.0
105°	356.0	353.2	350.3	347.5
107.5°	432.6	430.3	427.9	425.6
110°	510.0	507.9	505.8	503.7



TEST NUMBER: P1010981

CATALOG NUMBER: S123RDIP-B775D1195UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
112.5°	583.8	582.0	580.2	578.4
115°	656.5	654.9	653.4	651.8
117.5°	729.6	727.7	725.9	724.1
120°	797.6	795.3	792.9	790.6
122.5°	863.7	861.8	860.0	858.2
125°	925.1	923.0	921.0	918.9
127.5°	985.7	983.6	981.6	979.5
130°	1041.7	1039.6	1037.6	1035.5
132.5°	1095.3	1093.2	1091.2	1089.1
135°	1148.6	1147.0	1145.5	1143.9
137.5°	1196.8	1194.7	1192.7	1190.6
140°	1241.9	1240.3	1238.8	1237.2
142.5°	1285.0	1283.5	1281.9	1280.4
145°	1325.5	1323.6	1321.8	1320.0
147.5°	1362.4	1361.1	1359.8	1358.5
150°	1395.8	1395.1	1394.3	1393.5
152.5°	1425.7	1425.4	1425.2	1424.9
155°	1452.6	1453.1	1453.6	1454.1
157.5°	1477.4	1477.4	1477.4	1477.4
160°	1497.6	1497.9	1498.1	1498.4
162.5°	1515.9	1516.6	1517.4	1518.2
165°	1531.1	1531.8	1532.6	1533.4
167.5°	1543.1	1544.2	1545.2	1546.2
170°	1553.6	1554.6	1555.7	1556.7
172.5°	1559.8	1561.1	1562.4	1563.7
175°	1565.6	1566.9	1568.2	1569.5
177.5°	1568.0	1569.3	1570.6	1571.9
180°	1569.5	1569.5	1569.5	1569.5

(END OF REPORT)