

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: P1030942

Luminaire Tested: S123DIW-B775D1030UB2750-4F0-XX-W2A-A_3500K

Issue Date: 5/7/2025

Test Information

Test Method: LM-79-2019
Report Number: P1030942
REPORT IS A COMBINATION OF REPORTS P991852 AND P1007351
Test Lab: INNOVATION CENTER
Issue Date: 5/7/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: NEO-RAY
Catalog Number: S123DIW-B775D1030UB2750-4F0-XX-W2A-A_3500K
Description: Define 3 Direct/Indirect Wall Mount with 3500K BioUP LEDs {m-DER=0.721} {m-EER=0.792}
Light Source: -
Ballast/Driver: -

Summary

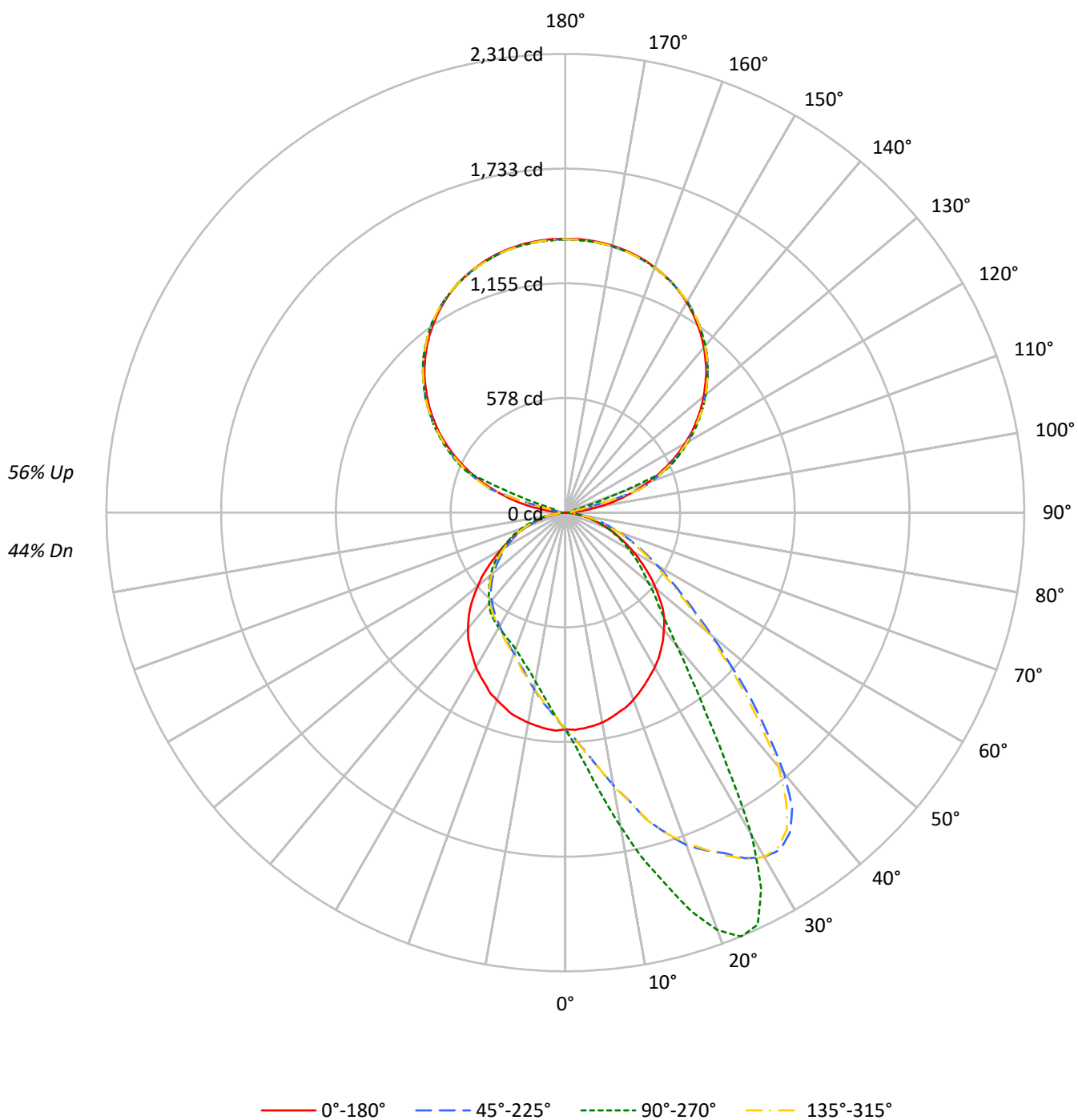
Lumens per Lamp: N/A
Luminaire Lumens: 7494.0 lumens
Efficiency: N/A
Efficacy: 111.2 lumens/watt
Spacing Criteria (0/90/45): 1.23 / 1.37 / 1.5
Luminous Opening: Rectangular w/ Sides (W: 0.25' x L: 4' x H: 0.1')
CIE Type: General Diffuse

Input Watts (W): 67.4
Input Voltage (V):
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT

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Luminous Intensity Polar Plot



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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20					20					20					20
RC	80				70					50					30					0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10
RCR																				
0	106	106	106	106	97	97	97	97	80	80	80	65	65	65	51	51	51			44
1	97	92	89	85	88	85	82	79	70	68	66	57	56	54	45	44	43			38
2	88	81	75	70	81	74	69	65	62	58	55	51	48	46	40	38	37			32
3	81	71	64	59	74	66	59	54	55	50	47	45	42	39	36	33	31			27
4	74	63	56	50	67	58	52	46	49	44	40	40	36	33	32	29	27			23
5	68	56	48	43	62	52	45	40	44	38	34	36	32	29	29	26	24			20
6	62	51	43	37	57	47	40	35	39	34	30	33	29	25	26	23	21			18
7	58	46	38	32	53	42	35	30	36	30	26	30	26	23	24	21	19			16
8	53	41	34	29	49	38	32	27	33	27	23	27	23	20	22	19	17			14
9	50	38	30	25	46	35	28	24	30	25	21	25	21	18	20	17	15			13
10	46	35	27	23	43	32	26	21	27	22	19	23	19	16	19	16	14			12

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	11745	11745	11745	11745
5°	11752	13532	11786	10099
10°	11677	16375	11688	8819
15°	11516	19419	11610	7938
20°	11378	22358	11401	7304
25°	11170	22922	11195	6974
30°	11023	18937	11023	6757
35°	10840	12665	10773	6566
40°	10622	9142	10491	6273
45°	10347	7243	10048	5908
50°	9679	6151	9336	5551
55°	8946	5404	8581	5152
60°	8202	4705	7767	4732
65°	7385	4029	7027	4175
70°	6538	3345	6102	3519
75°	5592	2523	5227	2716
80°	4419	1684	4077	1785
85°	3045	774	2440	703

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 35°

Vertical Angle: 45°

Luminance: 18941 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	107.3	1.4
10°-20°	344.6	4.6
20°-30°	579.9	7.7
30°-40°	655.3	8.7
40°-50°	587.0	7.8
50°-60°	473.8	6.3
60°-70°	330.2	4.4
70°-80°	173.3	2.3
80°-90°	44.3	0.6
90°-100°	48.6	0.6
100°-110°	234.8	3.1
110°-120°	575.4	7.7
120°-130°	730.4	9.7
130°-140°	780.3	10.4
140°-150°	729.6	9.7
150°-160°	588.5	7.9
160°-170°	379.8	5.1
170°-180°	130.9	1.7
0°-30°	1031.8	13.8
0°-40°	1687.2	22.5
0°-60°	2748.0	36.7
0°-90°	3295.8	44.0
90°-120°	858.7	11.5
90°-150°	3099.0	41.4
90°-180°	4198.0	56.0
0°-180°	7494.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1091	1091	1091	1091	1091	
5°	1090	1296	1093	967	1090	103
15°	1040	1929	1049	789	1040	294
25°	952	2290	954	697	952	439
35°	839	1234	834	640	839	525
45°	697	666	677	543	697	533
55°	494	452	474	431	494	442
65°	306	294	291	304	306	304
75°	147	151	137	163	147	158
85°	32	35	25	32	32	37
90°	1	31	1	31	1	6
95°	62	39	62	39	62	75
105°	305	45	305	45	305	323
115°	572	602	572	602	572	565
125°	806	823	806	823	806	720
135°	1004	1014	1004	1014	1004	773
145°	1158	1169	1158	1169	1158	725
155°	1276	1274	1276	1274	1276	588
165°	1345	1342	1345	1342	1345	380
175°	1377	1372	1377	1372	1377	131
180°	1377	1377	1377	1377	1377	

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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	1091.1	1091.1	1091.1	1091.1	1091.1	1091.1	1091.1	1091.1	1091.1	1091.1	1091.1
2.5°	1094.2	1102.7	1106.9	1113.3	1119.6	1129.1	1132.3	1137.6	1135.5	1139.7	1141.8
5°	1090.0	1104.8	1117.5	1133.4	1148.2	1158.7	1169.3	1186.2	1198.9	1201.0	1210.5
7.5°	1082.6	1103.7	1126.0	1148.2	1176.7	1193.6	1212.6	1235.9	1254.9	1285.6	1297.2
10°	1073.1	1102.7	1134.4	1165.1	1204.2	1230.6	1253.9	1293.0	1332.1	1363.8	1393.4
12.5°	1058.3	1095.3	1136.5	1182.0	1232.7	1263.4	1295.1	1346.9	1406.1	1454.7	1486.5
15°	1040.3	1086.8	1139.7	1188.3	1244.4	1301.5	1335.3	1393.4	1478.0	1523.5	1604.9
17.5°	1025.5	1073.1	1126.0	1202.1	1278.2	1335.3	1359.6	1466.4	1524.5	1600.6	1692.6
20°	1002.3	1062.5	1130.2	1206.3	1304.6	1339.5	1389.2	1497.0	1568.9	1668.3	1781.4
22.5°	977.9	1042.4	1123.8	1203.1	1313.1	1350.1	1417.7	1503.4	1617.6	1715.9	1840.6
25°	951.5	1021.3	1103.7	1197.8	1305.7	1359.6	1423.0	1528.8	1652.5	1776.1	1891.4
27.5°	925.1	1001.2	1086.8	1180.9	1285.6	1349.0	1412.5	1522.4	1681.0	1815.3	1962.2
30°	899.7	975.8	1061.5	1157.7	1267.6	1328.9	1389.2	1526.6	1703.2	1854.4	2002.4
32.5°	872.2	950.5	1040.3	1120.7	1231.7	1297.2	1364.9	1526.6	1716.9	1877.6	2013.0
35°	839.4	919.8	997.0	1077.3	1187.3	1260.2	1336.3	1516.1	1729.6	1885.0	1968.6
37.5°	807.7	878.6	945.2	1023.4	1138.6	1216.9	1304.6	1503.4	1723.3	1853.3	1876.6
40°	771.8	842.6	896.5	969.5	1091.1	1182.0	1270.8	1486.5	1695.8	1778.3	1710.6
42.5°	736.9	792.9	839.4	910.3	1042.4	1131.2	1227.4	1455.8	1641.9	1658.8	1506.6
45°	696.7	736.9	778.1	858.5	989.6	1080.5	1187.3	1411.4	1555.2	1506.6	1314.1
47.5°	644.9	680.9	726.3	800.3	933.5	1027.6	1129.1	1354.3	1429.4	1327.9	1117.5
50°	595.2	625.9	668.2	740.1	874.3	966.3	1074.1	1264.4	1301.5	1141.8	963.1
52.5°	545.5	568.8	610.0	681.9	816.2	905.0	1003.3	1172.5	1151.3	980.1	821.5
55°	493.7	513.8	552.9	623.8	748.5	833.1	927.2	1059.3	1004.4	841.6	714.7
57.5°	443.0	464.1	504.3	563.5	680.9	763.3	838.4	942.0	859.5	729.5	617.4
60°	397.5	415.5	446.2	504.3	611.1	677.7	746.4	817.2	748.5	622.7	537.1
62.5°	349.9	366.9	395.4	448.3	540.2	599.4	654.4	712.6	636.5	544.5	468.4
65°	305.5	319.3	345.7	394.3	469.4	518.0	562.4	602.6	541.3	456.7	399.6
67.5°	265.4	277.0	299.2	342.5	406.0	440.9	476.8	510.6	458.8	391.2	342.5
70°	222.0	231.5	251.6	283.3	334.1	370.0	396.5	421.8	375.3	321.4	288.6
72.5°	184.0	193.5	206.2	238.9	273.8	296.0	324.6	338.3	311.9	267.5	234.7
75°	147.0	154.4	166.0	187.1	219.9	234.7	252.7	263.3	238.9	209.3	189.2
77.5°	115.2	118.4	126.9	141.7	163.9	180.8	194.5	200.9	184.0	164.9	148.0
80°	81.4	85.6	92.0	104.7	121.6	126.9	135.3	142.7	132.2	115.2	104.7
82.5°	53.9	59.2	62.4	67.7	78.2	84.6	86.7	93.0	83.5	77.2	72.9
85°	31.7	33.8	34.9	38.1	43.3	46.5	49.7	50.7	48.6	47.6	43.3
87.5°	15.9	15.9	15.9	18.0	19.0	21.1	22.2	22.2	22.2	21.1	20.1
90°	1.0	3.3	5.6	7.9	10.2	11.3	12.8	15.7	18.7	21.6	24.6
92.5°	23.5	22.1	20.8	19.4	18.1	17.4	18.4	20.5	22.5	24.6	26.6
95°	62.4	53.1	43.8	34.5	25.2	20.5	21.7	24.2	26.7	29.2	31.7
97.5°	113.6	107.2	100.8	94.5	88.1	84.9	79.1	67.5	55.9	44.3	32.7
100°	172.9	177.5	182.0	186.6	191.1	193.4	175.7	140.2	104.7	69.3	33.8
102.5°	240.4	243.4	246.3	249.3	252.2	253.7	233.9	194.4	154.8	115.3	75.7
105°	304.9	307.4	309.9	312.4	314.9	316.1	305.9	285.4	265.0	244.5	224.1
107.5°	373.4	375.4	377.5	379.5	381.6	382.6	384.3	387.7	391.2	394.6	398.0
110°	442.0	443.8	445.6	447.5	449.3	450.2	451.4	453.9	456.4	458.9	461.4

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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	507.5	509.1	510.7	512.2	513.8	514.6	515.9	518.4	520.9	523.4	525.9
115°	571.9	573.3	574.7	576.0	577.4	578.1	579.1	581.2	583.2	585.3	587.3
117.5°	635.4	637.0	638.6	640.1	641.7	642.5	643.1	644.2	645.3	646.5	647.6
120°	693.7	695.7	697.8	699.8	701.9	702.9	703.2	703.9	704.6	705.3	706.0
122.5°	753.0	754.6	756.2	757.8	759.4	760.2	760.7	761.6	762.5	763.4	764.3
125°	806.2	808.0	809.8	811.7	813.5	814.4	814.9	815.8	816.7	817.6	818.5
127.5°	859.4	861.2	863.0	864.9	866.7	867.6	868.2	869.3	870.4	871.6	872.7
130°	908.5	910.3	912.1	914.0	915.8	916.7	917.2	918.1	919.0	919.9	920.8
132.5°	955.6	957.4	959.2	961.1	962.9	963.8	964.1	964.8	965.5	966.1	966.8
135°	1003.7	1005.1	1006.4	1007.8	1009.1	1009.8	1010.3	1011.2	1012.1	1013.0	1013.9
137.5°	1044.6	1046.4	1048.2	1050.1	1051.9	1052.8	1053.0	1053.5	1053.9	1054.4	1054.8
140°	1085.5	1086.9	1088.3	1089.6	1091.0	1091.7	1092.0	1092.7	1093.4	1094.0	1094.7
142.5°	1123.4	1124.8	1126.1	1127.5	1128.8	1129.5	1129.8	1130.5	1131.2	1131.9	1132.6
145°	1158.2	1159.8	1161.4	1162.9	1164.5	1165.3	1165.5	1166.0	1166.5	1166.9	1167.4
147.5°	1191.9	1193.0	1194.2	1195.3	1196.4	1197.0	1197.2	1197.7	1198.2	1198.6	1199.1
150°	1222.6	1223.3	1224.0	1224.7	1225.4	1225.7	1225.9	1226.4	1226.8	1227.3	1227.7
152.5°	1250.2	1250.4	1250.7	1250.9	1251.2	1251.3	1251.4	1251.6	1251.9	1252.1	1252.3
155°	1275.8	1275.4	1274.9	1274.5	1274.0	1273.8	1273.9	1274.1	1274.4	1274.6	1274.8
157.5°	1296.3	1296.3	1296.3	1296.3	1296.3	1296.3	1296.2	1296.0	1295.7	1295.5	1295.3
160°	1314.7	1314.5	1314.3	1314.0	1313.8	1313.7	1313.6	1313.4	1313.1	1312.9	1312.7
162.5°	1332.1	1331.4	1330.7	1330.0	1329.3	1329.0	1328.9	1328.7	1328.4	1328.2	1328.0
165°	1345.4	1344.7	1344.0	1343.3	1342.6	1342.3	1342.2	1342.0	1341.7	1341.5	1341.3
167.5°	1356.7	1355.8	1354.9	1354.0	1353.1	1352.6	1352.6	1352.6	1352.6	1352.6	1352.6
170°	1365.9	1365.0	1364.1	1363.2	1362.3	1361.8	1361.8	1361.8	1361.8	1361.8	1361.8
172.5°	1372.0	1370.9	1369.7	1368.6	1367.5	1366.9	1367.0	1367.2	1367.5	1367.7	1367.9
175°	1377.1	1376.0	1374.8	1373.7	1372.6	1372.0	1372.1	1372.3	1372.6	1372.8	1373.0
177.5°	1379.2	1378.0	1376.9	1375.7	1374.6	1374.0	1374.1	1374.4	1374.6	1374.9	1375.1
180°	1377.1	1377.1	1377.1	1377.1	1377.1	1377.1	1377.1	1377.1	1377.1	1377.1	1377.1

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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	1091.1	1091.1	1091.1	1091.1	1091.1	1091.1	1091.1	1091.1	1091.1	1091.1	1091.1
2.5°	1149.2	1151.3	1158.7	1164.0	1174.6	1173.5	1173.5	1172.5	1169.3	1174.6	1177.8
5°	1229.6	1247.5	1249.6	1272.9	1274.0	1283.5	1289.8	1284.5	1297.2	1296.2	1286.6
7.5°	1328.9	1353.3	1364.9	1387.1	1412.5	1406.1	1430.4	1434.7	1432.5	1443.1	1450.5
10°	1437.8	1480.1	1509.7	1551.0	1561.5	1567.9	1583.7	1597.5	1625.0	1603.8	1617.6
12.5°	1562.6	1593.2	1632.4	1697.9	1730.7	1751.8	1759.2	1768.7	1787.8	1776.1	1777.2
15°	1667.3	1708.5	1775.1	1856.5	1866.0	1892.4	1886.1	1943.2	1970.7	1929.4	1952.7
17.5°	1776.1	1831.1	1910.4	1981.2	2021.4	2039.4	2056.3	2111.3	2109.2	2102.8	2108.1
20°	1845.9	1935.8	2034.1	2128.2	2139.8	2153.6	2199.0	2222.3	2218.1	2236.0	2247.7
22.5°	1944.2	2039.4	2144.1	2206.4	2232.9	2248.7	2284.7	2299.5	2305.8	2310.0	2302.6
25°	2026.7	2128.2	2205.4	2260.4	2276.2	2284.7	2296.3	2300.5	2297.4	2290.0	2296.3
27.5°	2082.7	2164.2	2217.0	2242.4	2233.9	2220.2	2198.0	2183.2	2150.4	2134.5	2153.6
30°	2106.0	2141.9	2157.8	2115.5	2073.2	2039.4	1997.1	1918.9	1857.6	1875.5	1851.2
32.5°	2069.0	2045.7	1969.6	1860.7	1828.0	1773.0	1653.5	1561.5	1564.7	1516.1	1536.2
35°	1960.1	1854.4	1710.6	1545.7	1502.3	1472.7	1341.6	1321.5	1279.2	1233.8	1246.5
37.5°	1767.7	1613.3	1438.9	1317.3	1252.8	1188.3	1114.3	1069.9	1044.5	1025.5	1040.3
40°	1533.0	1344.8	1201.0	1092.1	1037.1	995.9	945.2	900.8	872.2	869.0	874.3
42.5°	1302.5	1143.9	1011.8	908.2	890.2	841.6	808.8	773.9	765.4	751.7	759.1
45°	1102.7	973.7	864.8	780.2	759.1	746.4	706.2	684.0	674.5	666.1	678.7
47.5°	957.9	822.5	743.2	692.5	671.3	650.2	628.0	613.2	605.8	606.9	605.8
50°	818.3	718.9	649.1	610.0	597.3	582.5	564.6	555.0	551.9	542.4	549.8
52.5°	704.1	632.2	583.6	546.6	537.1	526.5	511.7	506.4	499.0	496.9	496.9
55°	612.1	556.1	517.0	492.7	481.0	472.6	464.1	457.8	452.5	452.5	452.5
57.5°	540.2	491.6	463.1	441.9	437.7	429.2	419.7	419.7	412.3	411.3	414.4
60°	478.9	435.6	413.4	395.4	389.1	386.9	377.4	377.4	375.3	370.0	374.3
62.5°	416.5	384.8	365.8	352.1	345.7	345.7	338.3	333.0	333.0	334.1	332.0
65°	359.5	336.2	319.3	308.7	305.5	301.3	300.3	296.0	292.9	293.9	292.9
67.5°	308.7	290.7	279.1	270.7	265.4	263.3	260.1	260.1	258.0	259.0	253.7
70°	263.3	245.3	235.8	227.3	225.2	225.2	221.0	222.0	219.9	223.1	221.0
72.5°	216.7	203.0	195.6	192.4	190.3	189.2	187.1	185.0	184.0	186.1	185.0
75°	175.5	163.9	158.6	156.5	154.4	154.4	153.3	152.2	151.2	151.2	151.2
77.5°	136.4	129.0	122.6	124.8	121.6	122.6	119.5	119.5	120.5	119.5	119.5
80°	100.4	95.2	95.2	93.0	88.8	90.9	90.9	87.8	86.7	88.8	85.6
82.5°	66.6	65.5	63.4	62.4	60.3	61.3	60.3	59.2	58.1	60.3	58.1
85°	39.1	39.1	38.1	35.9	38.1	37.0	35.9	35.9	34.9	34.9	34.9
87.5°	20.1	18.0	18.0	16.9	18.0	15.9	16.9	15.9	14.8	15.9	14.8
90°	25.5	26.4	27.3	28.2	28.6	28.8	29.3	29.8	30.2	30.7	30.2
92.5°	28.2	29.8	31.4	33.0	33.8	33.9	34.1	34.4	34.6	34.8	34.6
95°	33.3	34.9	36.5	38.1	38.9	38.9	38.9	38.9	38.9	38.9	38.9
97.5°	34.5	36.3	38.2	40.0	40.9	41.0	41.2	41.5	41.7	41.9	41.7
100°	35.6	37.4	39.2	41.0	41.9	42.0	42.3	42.5	42.8	43.0	42.8
102.5°	68.2	60.7	53.2	45.7	41.9	42.1	42.6	43.1	43.5	44.0	43.5
105°	183.9	143.6	103.4	63.1	43.0	43.2	43.7	44.1	44.6	45.0	44.6
107.5°	363.0	328.0	292.9	257.9	240.4	225.5	195.7	166.0	136.2	106.4	136.2
110°	453.9	446.4	438.9	431.4	427.7	411.4	378.9	346.4	313.9	281.4	313.9

TEST NUMBER: P1030942

CATALOG NUMBER: S123DIW-B775D1030UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	527.9	530.0	532.0	534.1	535.1	534.9	534.4	533.9	533.5	533.0	533.5
115°	589.6	591.8	594.1	596.4	597.5	598.0	598.9	599.8	600.7	601.6	600.7
117.5°	649.4	651.2	653.1	654.9	655.8	655.9	656.1	656.4	656.6	656.8	656.6
120°	707.8	709.6	711.4	713.2	714.1	714.1	714.1	714.1	714.1	714.1	714.1
122.5°	765.4	766.6	767.7	768.8	769.4	769.5	769.7	770.0	770.2	770.4	770.2
125°	818.9	819.4	819.8	820.3	820.5	820.7	821.2	821.7	822.1	822.6	822.1
127.5°	873.4	874.1	874.8	875.5	875.8	875.6	875.1	874.6	874.2	873.7	874.2
130°	921.7	922.6	923.5	924.4	924.9	924.7	924.2	923.8	923.3	922.9	923.3
132.5°	967.7	968.6	969.5	970.4	970.9	970.6	969.9	969.2	968.6	967.9	968.6
135°	1014.6	1015.3	1016.0	1016.7	1017.0	1016.7	1016.0	1015.3	1014.6	1013.9	1014.6
137.5°	1055.9	1057.1	1058.2	1059.3	1059.9	1059.7	1059.2	1058.8	1058.3	1057.9	1058.3
140°	1095.6	1096.5	1097.4	1098.3	1098.8	1098.6	1098.1	1097.7	1097.2	1096.8	1097.2
142.5°	1133.3	1134.0	1134.7	1135.4	1135.7	1135.4	1134.7	1134.0	1133.3	1132.6	1133.3
145°	1167.8	1168.3	1168.7	1169.2	1169.4	1169.4	1169.4	1169.4	1169.4	1169.4	1169.4
147.5°	1199.5	1200.0	1200.4	1200.9	1201.1	1200.5	1199.4	1198.3	1197.1	1196.0	1197.1
150°	1228.2	1228.6	1229.1	1229.6	1229.8	1229.5	1228.8	1228.1	1227.4	1226.7	1227.4
152.5°	1253.2	1254.1	1255.0	1255.9	1256.4	1255.8	1254.7	1253.6	1252.4	1251.3	1252.4
155°	1275.9	1277.1	1278.2	1279.3	1279.9	1279.2	1277.9	1276.5	1275.2	1273.8	1275.2
157.5°	1296.7	1298.0	1299.4	1300.7	1301.4	1300.5	1298.7	1296.8	1295.0	1293.2	1295.0
160°	1314.1	1315.4	1316.8	1318.1	1318.8	1318.0	1316.4	1314.8	1313.2	1311.6	1313.2
162.5°	1329.6	1331.2	1332.8	1334.4	1335.2	1334.5	1333.1	1331.8	1330.4	1329.0	1330.4
165°	1343.1	1344.9	1346.8	1348.6	1349.5	1348.7	1347.1	1345.5	1343.9	1342.3	1343.9
167.5°	1354.4	1356.2	1358.0	1359.8	1360.7	1359.8	1358.0	1356.2	1354.4	1352.6	1354.4
170°	1363.6	1365.4	1367.3	1369.1	1370.0	1369.1	1367.3	1365.4	1363.6	1361.8	1363.6
172.5°	1369.7	1371.5	1373.4	1375.2	1376.1	1375.1	1373.0	1371.0	1368.9	1366.9	1368.9
175°	1374.6	1376.2	1377.8	1379.4	1380.2	1379.3	1377.5	1375.6	1373.8	1372.0	1373.8
177.5°	1376.9	1378.7	1380.6	1382.4	1383.3	1382.2	1379.9	1377.6	1375.3	1373.0	1375.3
180°	1377.1	1377.1	1377.1	1377.1	1377.1	1377.1	1377.1	1377.1	1377.1	1377.1	1377.1

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CATALOG NUMBER: S123DIW-B775D1030UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	1091.1	1091.1	1091.1	1091.1	1091.1	1091.1	1091.1	1091.1	1091.1	1091.1	1091.1
2.5°	1169.3	1172.5	1164.0	1161.9	1161.9	1166.1	1163.0	1134.4	1139.7	1133.4	1131.2
5°	1298.3	1291.9	1283.5	1279.2	1274.0	1259.2	1258.1	1225.3	1219.0	1197.8	1188.3
7.5°	1439.9	1434.7	1409.3	1406.1	1404.0	1390.3	1355.4	1320.5	1295.1	1270.8	1247.5
10°	1601.7	1585.8	1574.2	1551.0	1539.3	1520.3	1474.8	1442.1	1398.7	1361.7	1313.1
12.5°	1796.2	1778.3	1739.1	1722.2	1707.4	1654.6	1609.1	1572.1	1487.5	1462.1	1401.9
15°	1939.0	1900.9	1896.7	1859.7	1857.6	1799.4	1712.7	1672.5	1607.0	1514.0	1451.6
17.5°	2093.3	2059.5	2033.1	1988.7	1982.3	1927.3	1863.9	1765.6	1693.7	1604.9	1525.6
20°	2206.4	2188.5	2143.0	2125.0	2088.0	2041.5	1976.0	1854.4	1766.6	1677.8	1580.6
22.5°	2296.3	2278.3	2242.4	2218.1	2196.9	2136.7	2058.4	1954.8	1834.3	1718.0	1617.6
25°	2295.2	2290.0	2275.2	2263.5	2247.7	2203.3	2137.7	2038.3	1904.1	1776.1	1636.6
27.5°	2165.2	2180.0	2205.4	2218.1	2214.9	2208.6	2171.6	2088.0	1967.5	1815.3	1658.8
30°	1894.6	1948.5	1996.1	2059.5	2078.5	2125.0	2146.2	2098.6	2002.4	1860.7	1687.3
32.5°	1571.0	1649.3	1752.9	1787.8	1848.0	1937.9	2038.3	2056.3	1996.1	1887.2	1705.3
35°	1288.8	1353.3	1433.6	1488.6	1542.5	1688.4	1815.3	1925.2	1945.3	1873.4	1701.1
37.5°	1066.7	1112.2	1183.0	1229.6	1279.2	1404.0	1581.6	1724.3	1824.8	1826.9	1689.5
40°	906.0	926.1	987.5	1021.3	1068.9	1176.7	1335.3	1521.4	1668.3	1736.0	1658.8
42.5°	767.5	794.0	844.7	870.1	900.8	994.9	1099.5	1276.1	1457.9	1602.8	1601.7
45°	685.1	704.1	727.4	748.5	783.4	839.4	958.9	1091.1	1265.5	1429.4	1493.9
47.5°	612.1	630.1	653.4	659.7	683.0	735.8	808.8	924.0	1086.8	1249.6	1371.2
50°	550.8	565.6	581.5	593.1	603.7	647.0	702.0	799.3	929.3	1086.8	1238.0
52.5°	503.2	513.8	527.6	533.9	543.4	575.1	617.4	689.3	796.1	939.9	1086.8
55°	458.8	466.2	474.7	485.3	489.5	512.8	545.5	606.9	686.1	815.1	954.7
57.5°	417.6	420.8	426.1	432.4	437.7	457.8	486.3	527.6	597.3	696.7	828.9
60°	371.1	379.5	382.7	389.1	392.2	408.1	430.3	465.2	519.1	604.7	704.1
62.5°	332.0	337.3	342.5	345.7	353.1	358.4	376.4	408.1	452.5	515.9	605.8
65°	297.1	299.2	302.4	305.5	307.7	314.0	330.9	352.1	385.9	441.9	511.7
67.5°	256.9	259.0	263.3	264.3	266.4	274.9	284.4	302.4	330.9	373.2	430.3
70°	217.8	221.0	223.1	225.2	228.4	231.5	242.1	256.9	279.1	308.7	353.1
72.5°	184.0	187.1	187.1	189.2	188.2	192.4	203.0	213.6	228.4	252.7	291.8
75°	150.1	150.1	152.2	153.3	154.4	158.6	162.8	171.3	182.9	201.9	226.2
77.5°	118.4	117.4	119.5	119.5	119.5	122.6	126.9	131.1	138.5	152.2	171.3
80°	86.7	86.7	88.8	89.9	87.8	88.8	90.9	95.2	100.4	110.0	120.5
82.5°	57.1	61.3	60.3	61.3	60.3	62.4	63.4	64.5	66.6	70.8	78.2
85°	34.9	34.9	34.9	35.9	34.9	35.9	35.9	35.9	37.0	39.1	42.3
87.5°	14.8	14.8	14.8	15.9	14.8	14.8	15.9	14.8	15.9	15.9	16.9
90°	29.8	29.3	28.8	28.6	28.2	27.3	26.4	25.5	24.6	21.6	18.7
92.5°	34.4	34.1	33.9	33.8	33.0	31.4	29.8	28.2	26.6	24.6	22.5
95°	38.9	38.9	38.9	38.9	38.1	36.5	34.9	33.3	31.7	29.2	26.7
97.5°	41.5	41.2	41.0	40.9	40.0	38.2	36.3	34.5	32.7	44.3	55.9
100°	42.5	42.3	42.0	41.9	41.0	39.2	37.4	35.6	33.8	69.3	104.7
102.5°	43.1	42.6	42.1	41.9	45.7	53.2	60.7	68.2	75.7	115.3	154.8
105°	44.1	43.7	43.2	43.0	63.1	103.4	143.6	183.9	224.1	244.5	265.0
107.5°	166.0	195.7	225.5	240.4	257.9	292.9	328.0	363.0	398.0	394.6	391.2
110°	346.4	378.9	411.4	427.7	431.4	438.9	446.4	453.9	461.4	458.9	456.4

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CATALOG NUMBER: S123DIW-B775D1030UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	533.9	534.4	534.9	535.1	534.1	532.0	530.0	527.9	525.9	523.4	520.9
115°	599.8	598.9	598.0	597.5	596.4	594.1	591.8	589.6	587.3	585.3	583.2
117.5°	656.4	656.1	655.9	655.8	654.9	653.1	651.2	649.4	647.6	646.5	645.3
120°	714.1	714.1	714.1	714.1	713.2	711.4	709.6	707.8	706.0	705.3	704.6
122.5°	770.0	769.7	769.5	769.4	768.8	767.7	766.6	765.4	764.3	763.4	762.5
125°	821.7	821.2	820.7	820.5	820.3	819.8	819.4	818.9	818.5	817.6	816.7
127.5°	874.6	875.1	875.6	875.8	875.5	874.8	874.1	873.4	872.7	871.6	870.4
130°	923.8	924.2	924.7	924.9	924.4	923.5	922.6	921.7	920.8	919.9	919.0
132.5°	969.2	969.9	970.6	970.9	970.4	969.5	968.6	967.7	966.8	966.1	965.5
135°	1015.3	1016.0	1016.7	1017.0	1016.7	1016.0	1015.3	1014.6	1013.9	1013.0	1012.1
137.5°	1058.8	1059.2	1059.7	1059.9	1059.3	1058.2	1057.1	1055.9	1054.8	1054.4	1053.9
140°	1097.7	1098.1	1098.6	1098.8	1098.3	1097.4	1096.5	1095.6	1094.7	1094.0	1093.4
142.5°	1134.0	1134.7	1135.4	1135.7	1135.4	1134.7	1134.0	1133.3	1132.6	1131.9	1131.2
145°	1169.4	1169.4	1169.4	1169.4	1169.2	1168.7	1168.3	1167.8	1167.4	1166.9	1166.5
147.5°	1198.3	1199.4	1200.5	1201.1	1200.9	1200.4	1200.0	1199.5	1199.1	1198.6	1198.2
150°	1228.1	1228.8	1229.5	1229.8	1229.6	1229.1	1228.6	1228.2	1227.7	1227.3	1226.8
152.5°	1253.6	1254.7	1255.8	1256.4	1255.9	1255.0	1254.1	1253.2	1252.3	1252.1	1251.9
155°	1276.5	1277.9	1279.2	1279.9	1279.3	1278.2	1277.1	1275.9	1274.8	1274.6	1274.4
157.5°	1296.8	1298.7	1300.5	1301.4	1300.7	1299.4	1298.0	1296.7	1295.3	1295.5	1295.7
160°	1314.8	1316.4	1318.0	1318.8	1318.1	1316.8	1315.4	1314.1	1312.7	1312.9	1313.1
162.5°	1331.8	1333.1	1334.5	1335.2	1334.4	1332.8	1331.2	1329.6	1328.0	1328.2	1328.4
165°	1345.5	1347.1	1348.7	1349.5	1348.6	1346.8	1344.9	1343.1	1341.3	1341.5	1341.7
167.5°	1356.2	1358.0	1359.8	1360.7	1359.8	1358.0	1356.2	1354.4	1352.6	1352.6	1352.6
170°	1365.4	1367.3	1369.1	1370.0	1369.1	1367.3	1365.4	1363.6	1361.8	1361.8	1361.8
172.5°	1371.0	1373.0	1375.1	1376.1	1375.2	1373.4	1371.5	1369.7	1367.9	1367.7	1367.5
175°	1375.6	1377.5	1379.3	1380.2	1379.4	1377.8	1376.2	1374.6	1373.0	1372.8	1372.6
177.5°	1377.6	1379.9	1382.2	1383.3	1382.4	1380.6	1378.7	1376.9	1375.1	1374.9	1374.6
180°	1377.1	1377.1	1377.1	1377.1	1377.1	1377.1	1377.1	1377.1	1377.1	1377.1	1377.1

TEST NUMBER: P1030942

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CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
0°	1091.1	1091.1	1091.1	1091.1	1091.1	1091.1	1091.1	1091.1	1091.1	1091.1	1091.1
2.5°	1120.7	1117.5	1117.5	1115.4	1109.0	1097.4	1096.3	1098.5	1092.1	1085.8	1076.3
5°	1175.6	1155.6	1149.2	1142.9	1130.2	1109.0	1100.6	1093.2	1081.5	1067.8	1053.0
7.5°	1222.2	1193.6	1185.2	1173.5	1148.2	1118.5	1099.5	1083.7	1067.8	1048.8	1030.8
10°	1280.3	1239.1	1219.0	1202.1	1167.2	1126.0	1097.4	1074.1	1048.8	1025.5	1002.3
12.5°	1345.9	1279.2	1272.9	1231.7	1191.5	1130.2	1095.3	1061.5	1027.6	999.1	974.8
15°	1400.8	1327.9	1301.5	1274.0	1196.8	1120.7	1086.8	1048.8	1009.7	979.0	943.0
17.5°	1435.7	1375.5	1319.4	1282.4	1202.1	1134.4	1068.9	1025.5	984.3	942.0	912.4
20°	1478.0	1390.3	1341.6	1291.9	1212.6	1123.8	1058.3	1004.4	953.6	915.6	879.6
22.5°	1520.3	1401.9	1361.7	1307.8	1214.8	1113.3	1039.3	985.3	927.2	889.1	850.0
25°	1516.1	1418.8	1352.2	1306.7	1193.6	1103.7	1017.1	953.6	899.7	851.1	812.0
27.5°	1519.2	1399.8	1332.1	1279.2	1178.8	1090.0	993.8	927.2	871.2	820.4	779.2
30°	1520.3	1371.2	1312.0	1248.6	1151.3	1057.2	967.4	899.7	840.5	785.5	748.5
32.5°	1517.1	1348.0	1274.0	1216.9	1108.0	1025.5	936.7	864.8	804.6	753.8	718.9
35°	1509.7	1320.5	1234.8	1163.0	1063.6	980.1	908.2	834.2	769.7	723.1	683.0
37.5°	1489.6	1290.9	1193.6	1122.8	1011.8	927.2	863.8	802.4	740.1	685.1	651.3
40°	1474.8	1250.7	1152.4	1075.2	955.7	873.3	820.4	762.3	700.9	651.3	618.5
42.5°	1441.0	1212.6	1110.1	1018.1	900.8	816.2	766.5	720.0	667.1	618.5	588.9
45°	1386.0	1171.4	1058.3	965.3	840.5	760.1	714.7	676.6	630.1	583.6	554.0
47.5°	1308.9	1112.2	1003.3	910.3	781.3	699.9	654.4	625.9	588.9	549.8	524.4
50°	1225.3	1047.7	947.3	855.3	724.2	644.9	600.5	574.1	549.8	513.8	489.5
52.5°	1116.4	979.0	882.8	795.0	662.9	586.8	547.6	528.6	503.2	477.9	456.7
55°	1010.7	890.2	810.9	727.4	602.6	531.8	493.7	473.6	458.8	437.7	420.8
57.5°	888.1	807.7	734.8	658.7	546.6	482.1	446.2	421.8	412.3	402.8	386.9
60°	774.9	713.6	654.4	591.0	488.4	430.3	395.4	376.4	366.9	360.5	349.9
62.5°	671.3	623.8	573.0	522.3	429.2	376.4	349.9	330.9	322.5	321.4	311.9
65°	572.0	538.1	496.9	447.2	374.3	327.7	302.4	290.7	281.2	281.2	273.8
67.5°	472.6	449.3	416.5	381.7	324.6	281.2	258.0	247.4	242.1	242.1	236.8
70°	393.3	377.4	347.8	317.2	267.5	234.7	216.7	207.2	204.0	205.1	200.9
72.5°	319.3	302.4	278.1	255.8	218.8	194.5	181.8	171.3	166.0	167.0	166.0
75°	247.4	238.9	217.8	200.9	171.3	154.4	142.7	137.4	133.2	134.3	132.2
77.5°	186.1	173.4	161.8	150.1	132.2	118.4	108.9	103.6	100.4	100.4	100.4
80°	126.9	124.8	115.2	108.9	94.1	83.5	76.1	75.1	71.9	71.9	71.9
82.5°	82.5	77.2	71.9	67.7	59.2	52.9	49.7	47.6	46.5	45.5	47.6
85°	45.5	42.3	40.2	35.9	32.8	29.6	26.4	25.4	24.3	25.4	24.3
87.5°	18.0	14.8	14.8	13.7	12.7	11.6	11.6	9.5	9.5	8.5	8.5
90°	15.7	12.8	11.3	10.2	7.9	5.6	3.3	1.0	3.3	5.6	7.9
92.5°	20.5	18.4	17.4	18.1	19.4	20.8	22.1	23.5	22.1	20.8	19.4
95°	24.2	21.7	20.5	25.2	34.5	43.8	53.1	62.4	53.1	43.8	34.5
97.5°	67.5	79.1	84.9	88.1	94.5	100.8	107.2	113.6	107.2	100.8	94.5
100°	140.2	175.7	193.4	191.1	186.6	182.0	177.5	172.9	177.5	182.0	186.6
102.5°	194.4	233.9	253.7	252.2	249.3	246.3	243.4	240.4	243.4	246.3	249.3
105°	285.4	305.9	316.1	314.9	312.4	309.9	307.4	304.9	307.4	309.9	312.4
107.5°	387.7	384.3	382.6	381.6	379.5	377.5	375.4	373.4	375.4	377.5	379.5
110°	453.9	451.4	450.2	449.3	447.5	445.6	443.8	442.0	443.8	445.6	447.5

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CATALOG NUMBER: S123DIW-B775D1030UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
112.5°	518.4	515.9	514.6	513.8	512.2	510.7	509.1	507.5	509.1	510.7	512.2
115°	581.2	579.1	578.1	577.4	576.0	574.7	573.3	571.9	573.3	574.7	576.0
117.5°	644.2	643.1	642.5	641.7	640.1	638.6	637.0	635.4	637.0	638.6	640.1
120°	703.9	703.2	702.9	701.9	699.8	697.8	695.7	693.7	695.7	697.8	699.8
122.5°	761.6	760.7	760.2	759.4	757.8	756.2	754.6	753.0	754.6	756.2	757.8
125°	815.8	814.9	814.4	813.5	811.7	809.8	808.0	806.2	808.0	809.8	811.7
127.5°	869.3	868.2	867.6	866.7	864.9	863.0	861.2	859.4	861.2	863.0	864.9
130°	918.1	917.2	916.7	915.8	914.0	912.1	910.3	908.5	910.3	912.1	914.0
132.5°	964.8	964.1	963.8	962.9	961.1	959.2	957.4	955.6	957.4	959.2	961.1
135°	1011.2	1010.3	1009.8	1009.1	1007.8	1006.4	1005.1	1003.7	1005.1	1006.4	1007.8
137.5°	1053.5	1053.0	1052.8	1051.9	1050.1	1048.2	1046.4	1044.6	1046.4	1048.2	1050.1
140°	1092.7	1092.0	1091.7	1091.0	1089.6	1088.3	1086.9	1085.5	1086.9	1088.3	1089.6
142.5°	1130.5	1129.8	1129.5	1128.8	1127.5	1126.1	1124.8	1123.4	1124.8	1126.1	1127.5
145°	1166.0	1165.5	1165.3	1164.5	1162.9	1161.4	1159.8	1158.2	1159.8	1161.4	1162.9
147.5°	1197.7	1197.2	1197.0	1196.4	1195.3	1194.2	1193.0	1191.9	1193.0	1194.2	1195.3
150°	1226.4	1225.9	1225.7	1225.4	1224.7	1224.0	1223.3	1222.6	1223.3	1224.0	1224.7
152.5°	1251.6	1251.4	1251.3	1251.2	1250.9	1250.7	1250.4	1250.2	1250.4	1250.7	1250.9
155°	1274.1	1273.9	1273.8	1274.0	1274.5	1274.9	1275.4	1275.8	1275.4	1274.9	1274.5
157.5°	1296.0	1296.2	1296.3	1296.3	1296.3	1296.3	1296.3	1296.3	1296.3	1296.3	1296.3
160°	1313.4	1313.6	1313.7	1313.8	1314.0	1314.3	1314.5	1314.7	1314.5	1314.3	1314.0
162.5°	1328.7	1328.9	1329.0	1329.3	1330.0	1330.7	1331.4	1332.1	1331.4	1330.7	1330.0
165°	1342.0	1342.2	1342.3	1342.6	1343.3	1344.0	1344.7	1345.4	1344.7	1344.0	1343.3
167.5°	1352.6	1352.6	1352.6	1353.1	1354.0	1354.9	1355.8	1356.7	1355.8	1354.9	1354.0
170°	1361.8	1361.8	1361.8	1362.3	1363.2	1364.1	1365.0	1365.9	1365.0	1364.1	1363.2
172.5°	1367.2	1367.0	1366.9	1367.5	1368.6	1369.7	1370.9	1372.0	1370.9	1369.7	1368.6
175°	1372.3	1372.1	1372.0	1372.6	1373.7	1374.8	1376.0	1377.1	1376.0	1374.8	1373.7
177.5°	1374.4	1374.1	1374.0	1374.6	1375.7	1376.9	1378.0	1379.2	1378.0	1376.9	1375.7
180°	1377.1	1377.1	1377.1	1377.1	1377.1	1377.1	1377.1	1377.1	1377.1	1377.1	1377.1

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CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
0°	1091.1	1091.1	1091.1	1091.1	1091.1	1091.1	1091.1	1091.1	1091.1	1091.1	1091.1
2.5°	1074.1	1073.1	1075.2	1068.9	1058.3	1053.0	1038.2	1035.0	1034.0	1035.0	1036.1
5°	1044.5	1043.5	1040.3	1029.7	1017.1	1007.5	989.6	988.5	982.2	975.8	979.0
7.5°	1016.0	1011.8	1005.4	991.7	974.8	964.2	949.4	938.8	930.4	925.1	920.8
10°	987.5	981.1	974.8	956.8	935.6	919.8	901.8	893.4	883.8	879.6	875.4
12.5°	950.5	944.1	932.5	911.3	898.6	878.6	860.6	852.1	846.8	838.4	833.1
15°	920.8	908.2	901.8	879.6	853.2	851.1	818.3	816.2	805.6	805.6	797.2
17.5°	887.0	877.5	865.9	843.7	824.6	805.6	788.7	782.4	772.8	770.7	766.5
20°	854.2	841.6	837.3	815.1	795.0	771.8	753.8	747.5	743.2	739.0	742.2
22.5°	820.4	809.8	799.3	779.2	764.4	741.1	730.5	724.2	717.9	715.7	716.8
25°	787.6	778.1	767.5	747.5	731.6	712.6	703.1	699.9	696.7	696.7	695.7
27.5°	755.9	746.4	736.9	718.9	703.1	689.3	681.9	678.7	675.6	677.7	679.8
30°	723.1	714.7	706.2	690.4	677.7	665.0	660.8	658.7	657.6	662.9	662.9
32.5°	693.5	686.1	679.8	665.0	652.3	641.7	638.6	639.6	640.7	643.9	646.0
35°	662.9	657.6	651.3	638.6	628.0	618.5	619.5	619.5	621.7	626.9	631.2
37.5°	635.4	628.0	622.7	612.1	603.7	595.2	598.4	601.6	603.7	610.0	612.1
40°	602.6	599.4	595.2	584.6	577.2	576.2	577.2	579.4	583.6	586.8	589.9
42.5°	576.2	572.0	566.7	558.2	551.9	552.9	554.0	556.1	558.2	563.5	566.7
45°	546.6	543.4	539.2	531.8	526.5	527.6	528.6	528.6	530.7	537.1	539.2
47.5°	513.8	514.9	509.6	502.2	499.0	499.0	499.0	501.1	506.4	508.5	509.6
50°	482.1	480.0	478.9	471.5	469.4	468.4	469.4	470.5	477.9	476.8	480.0
52.5°	448.3	448.3	447.2	443.0	439.8	439.8	437.7	443.0	445.1	447.2	450.4
55°	415.5	412.3	411.3	409.1	404.9	403.9	406.0	412.3	414.4	416.5	419.7
57.5°	379.5	379.5	377.4	374.3	374.3	374.3	374.3	378.5	381.7	383.8	390.1
60°	346.8	342.5	339.4	339.4	339.4	338.3	344.7	344.7	351.0	352.1	354.2
62.5°	307.7	305.5	303.4	304.5	303.4	305.5	307.7	311.9	312.9	316.1	319.3
65°	270.7	270.7	268.5	274.9	270.7	270.7	275.9	275.9	278.1	281.2	285.5
67.5°	234.7	235.8	233.6	233.6	235.8	236.8	237.9	242.1	243.2	247.4	252.7
70°	197.7	199.8	200.9	198.8	200.9	203.0	205.1	206.2	210.4	212.5	215.7
72.5°	164.9	167.0	163.9	164.9	166.0	168.1	169.2	171.3	173.4	179.7	181.8
75°	132.2	131.1	130.0	134.3	132.2	136.4	137.4	137.4	139.6	144.8	147.0
77.5°	101.5	101.5	102.6	100.4	103.6	102.6	103.6	106.8	110.0	110.0	118.4
80°	70.8	72.9	72.9	72.9	74.0	75.1	72.9	78.2	79.3	79.3	82.5
82.5°	45.5	46.5	45.5	47.6	47.6	49.7	48.6	49.7	51.8	53.9	55.0
85°	24.3	24.3	26.4	26.4	25.4	26.4	25.4	26.4	28.5	28.5	29.6
87.5°	8.5	8.5	8.5	8.5	9.5	8.5	9.5	9.5	8.5	8.5	11.6
90°	10.2	11.3	12.8	15.7	18.7	21.6	24.6	25.5	26.4	27.3	28.2
92.5°	18.1	17.4	18.4	20.5	22.5	24.6	26.6	28.2	29.8	31.4	33.0
95°	25.2	20.5	21.7	24.2	26.7	29.2	31.7	33.3	34.9	36.5	38.1
97.5°	88.1	84.9	79.1	67.5	55.9	44.3	32.7	34.5	36.3	38.2	40.0
100°	191.1	193.4	175.7	140.2	104.7	69.3	33.8	35.6	37.4	39.2	41.0
102.5°	252.2	253.7	233.9	194.4	154.8	115.3	75.7	68.2	60.7	53.2	45.7
105°	314.9	316.1	305.9	285.4	265.0	244.5	224.1	183.9	143.6	103.4	63.1
107.5°	381.6	382.6	384.3	387.7	391.2	394.6	398.0	363.0	328.0	292.9	257.9
110°	449.3	450.2	451.4	453.9	456.4	458.9	461.4	453.9	446.4	438.9	431.4

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CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
112.5°	513.8	514.6	515.9	518.4	520.9	523.4	525.9	527.9	530.0	532.0	534.1
115°	577.4	578.1	579.1	581.2	583.2	585.3	587.3	589.6	591.8	594.1	596.4
117.5°	641.7	642.5	643.1	644.2	645.3	646.5	647.6	649.4	651.2	653.1	654.9
120°	701.9	702.9	703.2	703.9	704.6	705.3	706.0	707.8	709.6	711.4	713.2
122.5°	759.4	760.2	760.7	761.6	762.5	763.4	764.3	765.4	766.6	767.7	768.8
125°	813.5	814.4	814.9	815.8	816.7	817.6	818.5	818.9	819.4	819.8	820.3
127.5°	866.7	867.6	868.2	869.3	870.4	871.6	872.7	873.4	874.1	874.8	875.5
130°	915.8	916.7	917.2	918.1	919.0	919.9	920.8	921.7	922.6	923.5	924.4
132.5°	962.9	963.8	964.1	964.8	965.5	966.1	966.8	967.7	968.6	969.5	970.4
135°	1009.1	1009.8	1010.3	1011.2	1012.1	1013.0	1013.9	1014.6	1015.3	1016.0	1016.7
137.5°	1051.9	1052.8	1053.0	1053.5	1053.9	1054.4	1054.8	1055.9	1057.1	1058.2	1059.3
140°	1091.0	1091.7	1092.0	1092.7	1093.4	1094.0	1094.7	1095.6	1096.5	1097.4	1098.3
142.5°	1128.8	1129.5	1129.8	1130.5	1131.2	1131.9	1132.6	1133.3	1134.0	1134.7	1135.4
145°	1164.5	1165.3	1165.5	1166.0	1166.5	1166.9	1167.4	1167.8	1168.3	1168.7	1169.2
147.5°	1196.4	1197.0	1197.2	1197.7	1198.2	1198.6	1199.1	1199.5	1200.0	1200.4	1200.9
150°	1225.4	1225.7	1225.9	1226.4	1226.8	1227.3	1227.7	1228.2	1228.6	1229.1	1229.6
152.5°	1251.2	1251.3	1251.4	1251.6	1251.9	1252.1	1252.3	1253.2	1254.1	1255.0	1255.9
155°	1274.0	1273.8	1273.9	1274.1	1274.4	1274.6	1274.8	1275.9	1277.1	1278.2	1279.3
157.5°	1296.3	1296.3	1296.2	1296.0	1295.7	1295.5	1295.3	1296.7	1298.0	1299.4	1300.7
160°	1313.8	1313.7	1313.6	1313.4	1313.1	1312.9	1312.7	1314.1	1315.4	1316.8	1318.1
162.5°	1329.3	1329.0	1328.9	1328.7	1328.4	1328.2	1328.0	1329.6	1331.2	1332.8	1334.4
165°	1342.6	1342.3	1342.2	1342.0	1341.7	1341.5	1341.3	1343.1	1344.9	1346.8	1348.6
167.5°	1353.1	1352.6	1352.6	1352.6	1352.6	1352.6	1352.6	1354.4	1356.2	1358.0	1359.8
170°	1362.3	1361.8	1361.8	1361.8	1361.8	1361.8	1361.8	1363.6	1365.4	1367.3	1369.1
172.5°	1367.5	1366.9	1367.0	1367.2	1367.5	1367.7	1367.9	1369.7	1371.5	1373.4	1375.2
175°	1372.6	1372.0	1372.1	1372.3	1372.6	1372.8	1373.0	1374.6	1376.2	1377.8	1379.4
177.5°	1374.6	1374.0	1374.1	1374.4	1374.6	1374.9	1375.1	1376.9	1378.7	1380.6	1382.4
180°	1377.1	1377.1	1377.1	1377.1	1377.1	1377.1	1377.1	1377.1	1377.1	1377.1	1377.1

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CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
0°	1091.1	1091.1	1091.1	1091.1	1091.1	1091.1	1091.1	1091.1	1091.1	1091.1	1091.1
2.5°	1035.0	1036.1	1031.9	1028.7	1037.1	1031.9	1031.9	1032.9	1030.8	1034.0	1032.9
5°	976.9	977.9	970.5	972.7	968.4	967.4	966.3	972.7	971.6	970.5	972.7
7.5°	919.8	919.8	916.6	914.5	914.5	911.3	915.6	914.5	916.6	916.6	919.8
10°	872.2	874.3	869.0	863.8	862.7	863.8	863.8	864.8	865.9	873.3	872.2
12.5°	833.1	829.9	828.9	825.7	820.4	818.3	816.2	827.8	824.6	824.6	824.6
15°	789.8	797.2	796.1	786.6	784.5	788.7	786.6	786.6	797.2	796.1	795.0
17.5°	766.5	764.4	762.3	757.0	758.0	757.0	758.0	758.0	764.4	764.4	764.4
20°	740.1	735.8	735.8	733.7	733.7	730.5	734.8	735.8	740.1	740.1	741.1
22.5°	716.8	713.6	713.6	712.6	714.7	710.5	714.7	715.7	715.7	718.9	718.9
25°	696.7	694.6	694.6	696.7	696.7	696.7	696.7	700.9	697.8	698.8	697.8
27.5°	678.7	679.8	680.9	681.9	680.9	681.9	683.0	685.1	686.1	685.1	683.0
30°	661.8	665.0	666.1	666.1	668.2	669.2	670.3	670.3	671.3	668.2	670.3
32.5°	649.1	649.1	651.3	652.3	654.4	655.5	655.5	657.6	656.5	653.4	654.4
35°	631.2	631.2	635.4	637.5	640.7	639.6	640.7	640.7	641.7	639.6	636.5
37.5°	613.2	615.3	615.3	619.5	620.6	621.7	620.6	622.7	621.7	619.5	618.5
40°	592.0	591.0	592.0	595.2	596.3	596.3	596.3	598.4	598.4	598.4	597.3
42.5°	565.6	568.8	567.7	570.9	569.8	569.8	572.0	574.1	575.1	572.0	573.0
45°	540.2	540.2	542.4	542.4	543.4	543.4	547.6	545.5	547.6	545.5	546.6
47.5°	512.8	513.8	513.8	514.9	517.0	519.1	517.0	518.0	518.0	519.1	517.0
50°	482.1	482.1	484.2	487.4	491.6	489.5	488.4	492.7	489.5	489.5	487.4
52.5°	450.4	453.6	454.6	457.8	461.0	462.0	463.1	461.0	462.0	458.8	459.9
55°	419.7	420.8	425.0	428.2	431.4	431.4	430.3	431.4	432.4	428.2	428.2
57.5°	389.1	392.2	396.5	396.5	400.7	400.7	399.6	399.6	400.7	397.5	396.5
60°	356.3	359.5	364.7	364.7	371.1	372.1	370.0	367.9	367.9	364.7	365.8
62.5°	321.4	324.6	327.7	333.0	337.3	335.1	339.4	335.1	336.2	329.9	329.9
65°	290.7	291.8	297.1	302.4	302.4	304.5	302.4	303.4	300.3	300.3	296.0
67.5°	254.8	254.8	260.1	265.4	270.7	270.7	270.7	267.5	267.5	264.3	264.3
70°	223.1	222.0	227.3	230.5	233.6	234.7	232.6	231.5	229.4	226.2	225.2
72.5°	184.0	186.1	191.4	193.5	198.8	197.7	203.0	196.6	196.6	191.4	190.3
75°	149.1	151.2	156.5	159.6	162.8	162.8	166.0	162.8	158.6	156.5	155.4
77.5°	118.4	117.4	121.6	126.9	127.9	126.9	129.0	127.9	123.7	123.7	121.6
80°	84.6	87.8	92.0	90.9	95.2	94.1	94.1	92.0	92.0	88.8	90.9
82.5°	56.0	59.2	60.3	59.2	60.3	62.4	63.4	62.4	62.4	60.3	61.3
85°	29.6	29.6	31.7	32.8	31.7	31.7	32.8	35.9	33.8	31.7	33.8
87.5°	9.5	8.5	8.5	9.5	8.5	8.5	9.5	9.5	10.6	10.6	10.6
90°	28.6	28.8	29.3	29.8	30.2	30.7	30.2	29.8	29.3	28.8	28.6
92.5°	33.8	33.9	34.1	34.4	34.6	34.8	34.6	34.4	34.1	33.9	33.8
95°	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9
97.5°	40.9	41.0	41.2	41.5	41.7	41.9	41.7	41.5	41.2	41.0	40.9
100°	41.9	42.0	42.3	42.5	42.8	43.0	42.8	42.5	42.3	42.0	41.9
102.5°	41.9	42.1	42.6	43.1	43.5	44.0	43.5	43.1	42.6	42.1	41.9
105°	43.0	43.2	43.7	44.1	44.6	45.0	44.6	44.1	43.7	43.2	43.0
107.5°	240.4	225.5	195.7	166.0	136.2	106.4	136.2	166.0	195.7	225.5	240.4
110°	427.7	411.4	378.9	346.4	313.9	281.4	313.9	346.4	378.9	411.4	427.7

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CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
112.5°	535.1	534.9	534.4	533.9	533.5	533.0	533.5	533.9	534.4	534.9	535.1
115°	597.5	598.0	598.9	599.8	600.7	601.6	600.7	599.8	598.9	598.0	597.5
117.5°	655.8	655.9	656.1	656.4	656.6	656.8	656.6	656.4	656.1	655.9	655.8
120°	714.1	714.1	714.1	714.1	714.1	714.1	714.1	714.1	714.1	714.1	714.1
122.5°	769.4	769.5	769.7	770.0	770.2	770.4	770.2	770.0	769.7	769.5	769.4
125°	820.5	820.7	821.2	821.7	822.1	822.6	822.1	821.7	821.2	820.7	820.5
127.5°	875.8	875.6	875.1	874.6	874.2	873.7	874.2	874.6	875.1	875.6	875.8
130°	924.9	924.7	924.2	923.8	923.3	922.9	923.3	923.8	924.2	924.7	924.9
132.5°	970.9	970.6	969.9	969.2	968.6	967.9	968.6	969.2	969.9	970.6	970.9
135°	1017.0	1016.7	1016.0	1015.3	1014.6	1013.9	1014.6	1015.3	1016.0	1016.7	1017.0
137.5°	1059.9	1059.7	1059.2	1058.8	1058.3	1057.9	1058.3	1058.8	1059.2	1059.7	1059.9
140°	1098.8	1098.6	1098.1	1097.7	1097.2	1096.8	1097.2	1097.7	1098.1	1098.6	1098.8
142.5°	1135.7	1135.4	1134.7	1134.0	1133.3	1132.6	1133.3	1134.0	1134.7	1135.4	1135.7
145°	1169.4	1169.4	1169.4	1169.4	1169.4	1169.4	1169.4	1169.4	1169.4	1169.4	1169.4
147.5°	1201.1	1200.5	1199.4	1198.3	1197.1	1196.0	1197.1	1198.3	1199.4	1200.5	1201.1
150°	1229.8	1229.5	1228.8	1228.1	1227.4	1226.7	1227.4	1228.1	1228.8	1229.5	1229.8
152.5°	1256.4	1255.8	1254.7	1253.6	1252.4	1251.3	1252.4	1253.6	1254.7	1255.8	1256.4
155°	1279.9	1279.2	1277.9	1276.5	1275.2	1273.8	1275.2	1276.5	1277.9	1279.2	1279.9
157.5°	1301.4	1300.5	1298.7	1296.8	1295.0	1293.2	1295.0	1296.8	1298.7	1300.5	1301.4
160°	1318.8	1318.0	1316.4	1314.8	1313.2	1311.6	1313.2	1314.8	1316.4	1318.0	1318.8
162.5°	1335.2	1334.5	1333.1	1331.8	1330.4	1329.0	1330.4	1331.8	1333.1	1334.5	1335.2
165°	1349.5	1348.7	1347.1	1345.5	1343.9	1342.3	1343.9	1345.5	1347.1	1348.7	1349.5
167.5°	1360.7	1359.8	1358.0	1356.2	1354.4	1352.6	1354.4	1356.2	1358.0	1359.8	1360.7
170°	1370.0	1369.1	1367.3	1365.4	1363.6	1361.8	1363.6	1365.4	1367.3	1369.1	1370.0
172.5°	1376.1	1375.1	1373.0	1371.0	1368.9	1366.9	1368.9	1371.0	1373.0	1375.1	1376.1
175°	1380.2	1379.3	1377.5	1375.6	1373.8	1372.0	1373.8	1375.6	1377.5	1379.3	1380.2
177.5°	1383.3	1382.2	1379.9	1377.6	1375.3	1373.0	1375.3	1377.6	1379.9	1382.2	1383.3
180°	1377.1	1377.1	1377.1	1377.1	1377.1	1377.1	1377.1	1377.1	1377.1	1377.1	1377.1

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CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
0°	1091.1	1091.1	1091.1	1091.1	1091.1	1091.1	1091.1	1091.1	1091.1	1091.1	1091.1
2.5°	1036.1	1038.2	1039.3	1035.0	1031.9	1037.1	1044.5	1049.8	1054.1	1059.3	1062.5
5°	974.8	982.2	982.2	984.3	987.5	992.7	1006.5	1016.0	1024.5	1030.8	1036.1
7.5°	923.0	928.2	931.4	936.7	942.0	949.4	965.3	979.0	991.7	999.1	1007.5
10°	876.4	880.7	886.0	889.1	898.6	909.2	929.3	940.9	955.7	967.4	977.9
12.5°	832.0	846.8	850.0	849.0	857.4	869.0	889.1	907.1	923.0	934.6	946.2
15°	800.3	805.6	812.0	810.9	828.9	832.0	849.0	870.1	891.2	898.6	909.2
17.5°	765.4	773.9	780.2	783.4	788.7	800.3	816.2	832.0	859.5	860.6	888.1
20°	737.9	746.4	750.6	754.9	758.0	771.8	785.5	803.5	825.7	837.3	852.1
22.5°	720.0	724.2	727.4	730.5	734.8	742.2	759.1	779.2	794.0	806.7	816.2
25°	698.8	703.1	707.3	709.4	712.6	716.8	729.5	745.3	766.5	774.9	784.5
27.5°	684.0	684.0	686.1	686.1	690.4	694.6	704.1	718.9	735.8	746.4	759.1
30°	668.2	667.1	668.2	667.1	666.1	672.4	680.9	693.5	705.2	717.9	726.3
32.5°	652.3	651.3	651.3	652.3	648.1	651.3	655.5	667.1	679.8	686.1	695.7
35°	635.4	633.3	633.3	633.3	631.2	629.1	633.3	643.9	652.3	660.8	668.2
37.5°	618.5	615.3	615.3	613.2	611.1	607.9	607.9	616.4	628.0	631.2	640.7
40°	595.2	595.2	593.1	592.0	589.9	587.8	584.6	592.0	602.6	605.8	613.2
42.5°	572.0	568.8	567.7	567.7	567.7	564.6	562.4	567.7	574.1	579.4	583.6
45°	545.5	543.4	544.5	543.4	541.3	540.2	539.2	541.3	548.7	550.8	556.1
47.5°	517.0	515.9	515.9	514.9	513.8	514.9	510.6	515.9	518.0	520.2	524.4
50°	487.4	486.3	485.3	484.2	484.2	485.3	484.2	484.2	488.4	490.6	494.8
52.5°	457.8	454.6	454.6	453.6	453.6	451.4	453.6	454.6	456.7	458.8	461.0
55°	426.1	426.1	422.9	422.9	420.8	420.8	421.8	420.8	425.0	427.1	427.1
57.5°	395.4	391.2	392.2	390.1	388.0	386.9	386.9	389.1	391.2	391.2	393.3
60°	362.6	358.4	357.3	353.1	355.2	352.1	353.1	353.1	357.3	355.2	357.3
62.5°	329.9	324.6	321.4	319.3	319.3	320.3	318.2	317.2	319.3	321.4	325.6
65°	295.0	291.8	288.6	285.5	285.5	284.4	286.5	283.3	282.3	283.3	285.5
67.5°	259.0	255.8	252.7	249.5	250.6	247.4	245.3	248.4	246.3	247.4	249.5
70°	224.1	222.0	215.7	213.6	212.5	213.6	212.5	210.4	213.6	212.5	213.6
72.5°	189.2	187.1	184.0	178.7	178.7	177.6	176.6	176.6	175.5	175.5	175.5
75°	155.4	151.2	148.0	147.0	144.8	143.8	142.7	140.6	141.7	142.7	140.6
77.5°	120.5	115.2	114.2	114.2	111.0	111.0	112.1	111.0	110.0	110.0	110.0
80°	88.8	84.6	84.6	82.5	80.3	80.3	80.3	80.3	79.3	78.2	79.3
82.5°	57.1	56.0	55.0	55.0	57.1	52.9	55.0	53.9	52.9	52.9	51.8
85°	31.7	32.8	31.7	32.8	30.7	31.7	31.7	31.7	30.7	31.7	29.6
87.5°	11.6	11.6	11.6	12.7	12.7	12.7	12.7	12.7	13.7	12.7	12.7
90°	28.2	27.3	26.4	25.5	24.6	21.6	18.7	15.7	12.8	11.3	10.2
92.5°	33.0	31.4	29.8	28.2	26.6	24.6	22.5	20.5	18.4	17.4	18.1
95°	38.1	36.5	34.9	33.3	31.7	29.2	26.7	24.2	21.7	20.5	25.2
97.5°	40.0	38.2	36.3	34.5	32.7	44.3	55.9	67.5	79.1	84.9	88.1
100°	41.0	39.2	37.4	35.6	33.8	69.3	104.7	140.2	175.7	193.4	191.1
102.5°	45.7	53.2	60.7	68.2	75.7	115.3	154.8	194.4	233.9	253.7	252.2
105°	63.1	103.4	143.6	183.9	224.1	244.5	265.0	285.4	305.9	316.1	314.9
107.5°	257.9	292.9	328.0	363.0	398.0	394.6	391.2	387.7	384.3	382.6	381.6
110°	431.4	438.9	446.4	453.9	461.4	458.9	456.4	453.9	451.4	450.2	449.3



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CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
112.5°	534.1	532.0	530.0	527.9	525.9	523.4	520.9	518.4	515.9	514.6	513.8
115°	596.4	594.1	591.8	589.6	587.3	585.3	583.2	581.2	579.1	578.1	577.4
117.5°	654.9	653.1	651.2	649.4	647.6	646.5	645.3	644.2	643.1	642.5	641.7
120°	713.2	711.4	709.6	707.8	706.0	705.3	704.6	703.9	703.2	702.9	701.9
122.5°	768.8	767.7	766.6	765.4	764.3	763.4	762.5	761.6	760.7	760.2	759.4
125°	820.3	819.8	819.4	818.9	818.5	817.6	816.7	815.8	814.9	814.4	813.5
127.5°	875.5	874.8	874.1	873.4	872.7	871.6	870.4	869.3	868.2	867.6	866.7
130°	924.4	923.5	922.6	921.7	920.8	919.9	919.0	918.1	917.2	916.7	915.8
132.5°	970.4	969.5	968.6	967.7	966.8	966.1	965.5	964.8	964.1	963.8	962.9
135°	1016.7	1016.0	1015.3	1014.6	1013.9	1013.0	1012.1	1011.2	1010.3	1009.8	1009.1
137.5°	1059.3	1058.2	1057.1	1055.9	1054.8	1054.4	1053.9	1053.5	1053.0	1052.8	1051.9
140°	1098.3	1097.4	1096.5	1095.6	1094.7	1094.0	1093.4	1092.7	1092.0	1091.7	1091.0
142.5°	1135.4	1134.7	1134.0	1133.3	1132.6	1131.9	1131.2	1130.5	1129.8	1129.5	1128.8
145°	1169.2	1168.7	1168.3	1167.8	1167.4	1166.9	1166.5	1166.0	1165.5	1165.3	1164.5
147.5°	1200.9	1200.4	1200.0	1199.5	1199.1	1198.6	1198.2	1197.7	1197.2	1197.0	1196.4
150°	1229.6	1229.1	1228.6	1228.2	1227.7	1227.3	1226.8	1226.4	1225.9	1225.7	1225.4
152.5°	1255.9	1255.0	1254.1	1253.2	1252.3	1252.1	1251.9	1251.6	1251.4	1251.3	1251.2
155°	1279.3	1278.2	1277.1	1275.9	1274.8	1274.6	1274.4	1274.1	1273.9	1273.8	1274.0
157.5°	1300.7	1299.4	1298.0	1296.7	1295.3	1295.5	1295.7	1296.0	1296.2	1296.3	1296.3
160°	1318.1	1316.8	1315.4	1314.1	1312.7	1312.9	1313.1	1313.4	1313.6	1313.7	1313.8
162.5°	1334.4	1332.8	1331.2	1329.6	1328.0	1328.2	1328.4	1328.7	1328.9	1329.0	1329.3
165°	1348.6	1346.8	1344.9	1343.1	1341.3	1341.5	1341.7	1342.0	1342.2	1342.3	1342.6
167.5°	1359.8	1358.0	1356.2	1354.4	1352.6	1352.6	1352.6	1352.6	1352.6	1352.6	1353.1
170°	1369.1	1367.3	1365.4	1363.6	1361.8	1361.8	1361.8	1361.8	1361.8	1361.8	1362.3
172.5°	1375.2	1373.4	1371.5	1369.7	1367.9	1367.7	1367.5	1367.2	1367.0	1366.9	1367.5
175°	1379.4	1377.8	1376.2	1374.6	1373.0	1372.8	1372.6	1372.3	1372.1	1372.0	1372.6
177.5°	1382.4	1380.6	1378.7	1376.9	1375.1	1374.9	1374.6	1374.4	1374.1	1374.0	1374.6
180°	1377.1	1377.1	1377.1	1377.1	1377.1	1377.1	1377.1	1377.1	1377.1	1377.1	1377.1

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CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
0°	1091.1	1091.1	1091.1	1091.1
2.5°	1067.8	1071.0	1081.5	1094.2
5°	1046.7	1055.1	1069.9	1090.0
7.5°	1023.4	1036.1	1057.2	1082.6
10°	997.0	1014.9	1041.4	1073.1
12.5°	968.4	991.7	1025.5	1058.3
15°	950.5	973.7	1004.4	1040.3
17.5°	915.6	943.0	974.8	1025.5
20°	879.6	910.3	951.5	1002.3
22.5°	852.1	884.9	924.0	977.9
25°	819.4	853.2	895.5	951.5
27.5°	784.5	818.3	865.9	925.1
30°	758.0	790.8	836.3	899.7
32.5°	726.3	758.0	805.6	872.2
35°	690.4	726.3	771.8	839.4
37.5°	662.9	695.7	743.2	807.7
40°	633.3	661.8	708.3	771.8
42.5°	601.6	633.3	673.5	736.9
45°	572.0	595.2	636.5	696.7
47.5°	540.2	566.7	598.4	644.9
50°	506.4	528.6	563.5	595.2
52.5°	473.6	491.6	521.2	545.5
55°	438.8	456.7	478.9	493.7
57.5°	406.0	418.7	433.5	443.0
60°	365.8	378.5	388.0	397.5
62.5°	329.9	339.4	344.7	349.9
65°	292.9	298.1	301.3	305.5
67.5°	252.7	258.0	259.0	265.4
70°	215.7	216.7	218.8	222.0
72.5°	180.8	182.9	181.8	184.0
75°	144.8	147.0	144.8	147.0
77.5°	110.0	112.1	112.1	115.2
80°	79.3	80.3	81.4	81.4
82.5°	51.8	55.0	52.9	53.9
85°	29.6	30.7	30.7	31.7
87.5°	13.7	14.8	13.7	15.9
90°	7.9	5.6	3.3	1.0
92.5°	19.4	20.8	22.1	23.5
95°	34.5	43.8	53.1	62.4
97.5°	94.5	100.8	107.2	113.6
100°	186.6	182.0	177.5	172.9
102.5°	249.3	246.3	243.4	240.4
105°	312.4	309.9	307.4	304.9
107.5°	379.5	377.5	375.4	373.4
110°	447.5	445.6	443.8	442.0

TEST NUMBER: P1030942

CATALOG NUMBER: S123DIW-B775D1030UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
112.5°	512.2	510.7	509.1	507.5
115°	576.0	574.7	573.3	571.9
117.5°	640.1	638.6	637.0	635.4
120°	699.8	697.8	695.7	693.7
122.5°	757.8	756.2	754.6	753.0
125°	811.7	809.8	808.0	806.2
127.5°	864.9	863.0	861.2	859.4
130°	914.0	912.1	910.3	908.5
132.5°	961.1	959.2	957.4	955.6
135°	1007.8	1006.4	1005.1	1003.7
137.5°	1050.1	1048.2	1046.4	1044.6
140°	1089.6	1088.3	1086.9	1085.5
142.5°	1127.5	1126.1	1124.8	1123.4
145°	1162.9	1161.4	1159.8	1158.2
147.5°	1195.3	1194.2	1193.0	1191.9
150°	1224.7	1224.0	1223.3	1222.6
152.5°	1250.9	1250.7	1250.4	1250.2
155°	1274.5	1274.9	1275.4	1275.8
157.5°	1296.3	1296.3	1296.3	1296.3
160°	1314.0	1314.3	1314.5	1314.7
162.5°	1330.0	1330.7	1331.4	1332.1
165°	1343.3	1344.0	1344.7	1345.4
167.5°	1354.0	1354.9	1355.8	1356.7
170°	1363.2	1364.1	1365.0	1365.9
172.5°	1368.6	1369.7	1370.9	1372.0
175°	1373.7	1374.8	1376.0	1377.1
177.5°	1375.7	1376.9	1378.0	1379.2
180°	1377.1	1377.1	1377.1	1377.1

(END OF REPORT)