

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: P1029633

Luminaire Tested: S122DIW-B675D1440UB2750-4F0-XX-W2A-A_4000K

Issue Date: 5/6/2025

Test Information

Test Method: LM-79-2019
Report Number: P1029633
REPORT IS A COMBINATION OF REPORTS P986480 AND P1007351
Test Lab: INNOVATION CENTER
Issue Date: 5/6/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: NEO-RAY
Catalog Number: S122DIW-B675D1440UB2750-4F0-XX-W2A-A_4000K
Description: Define 2 Direct/Indirect Wall Mount with 4000K BioUP LEDs {m-DER=0.865} {m-EER=0.951}
Light Source: -
Ballast/Driver: -

Summary

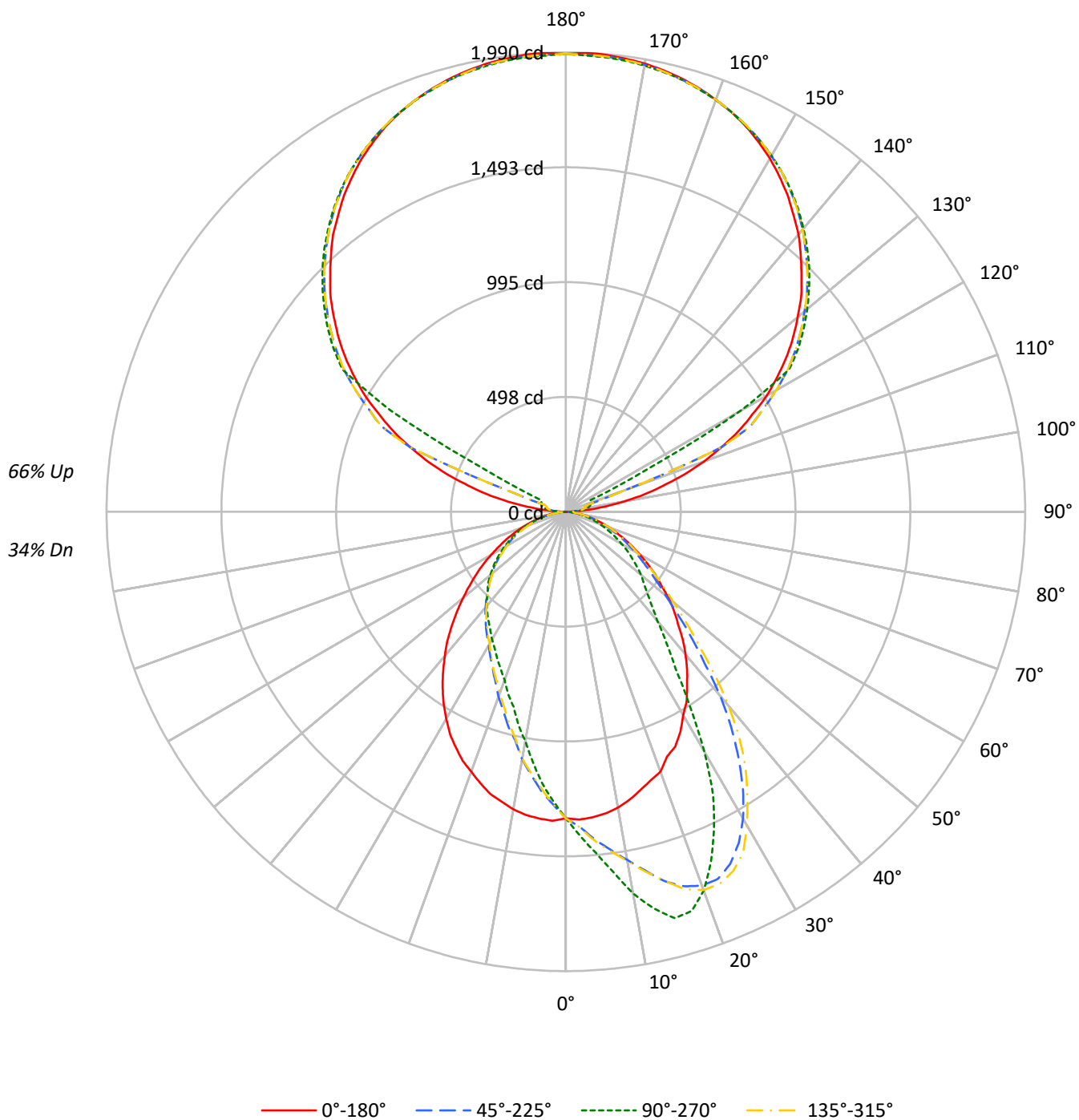
Lumens per Lamp: N/A
Luminaire Lumens: 8746.0 lumens
Efficiency: N/A
Efficacy: 99.3 lumens/watt
Spacing Criteria (0/90/45): 1.16 / 1.09 / 1.23
Luminous Opening: Rectangular w/ Sides (W: 0.17' x L: 4' x H: 0.1')
CIE Type: Semi-Indirect

Input Watts (W): 88.1
Input Voltage (V):
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT

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Luminous Intensity Polar Plot



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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20					20					20					20
RC	80				70					50					30					10
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10
RCR																				
0	103	103	103	103	93	93	93	93	74	74	74	57	57	57	41	41	41			34
1	94	90	87	83	85	82	79	76	65	63	61	50	49	48	37	36	35			29
2	86	79	73	69	78	72	67	63	58	54	51	45	42	40	33	31	30			25
3	79	70	63	57	71	63	57	53	51	47	43	40	37	35	29	27	26			21
4	72	62	54	49	65	56	50	45	46	41	37	36	32	30	26	24	23			19
5	66	55	48	42	60	50	44	39	41	36	32	32	29	26	24	22	20			16
6	61	50	42	36	55	45	38	34	37	32	28	29	26	23	22	19	18			15
7	56	45	37	32	51	41	34	29	33	28	25	26	23	20	20	18	16			13
8	52	41	33	28	47	37	31	26	30	26	22	24	21	18	18	16	14			12
9	49	37	30	25	44	34	28	23	28	23	20	22	19	16	17	15	13			11
10	46	34	27	22	41	31	25	21	26	21	18	21	17	15	16	13	12			10

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	21015	21015	21015	21015
5°	21065	22407	21146	17826
10°	20820	24460	20951	14697
15°	20316	25800	20597	12380
20°	19999	24224	19999	10760
25°	19360	20811	19448	9622
30°	18312	16359	18661	8716
35°	17383	11312	17674	7975
40°	16315	8542	16501	7384
45°	14998	7019	15244	6746
50°	13860	6160	13884	6174
55°	12561	5249	12644	5555
60°	11179	4385	11334	4849
65°	9940	3566	10121	4141
70°	8705	2799	8926	3340
75°	7306	2031	7591	2421
80°	5700	1287	6108	1438
85°	3743	649	4040	480

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 157.5°

Vertical Angle: 45°

Luminance: 21722 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	126.4	1.4
10°-20°	368.0	4.2
20°-30°	534.1	6.1
30°-40°	563.1	6.4
40°-50°	498.3	5.7
50°-60°	397.9	4.5
60°-70°	270.2	3.1
70°-80°	138.3	1.6
80°-90°	36.2	0.4
90°-100°	65.4	0.7
100°-110°	243.8	2.8
110°-120°	646.5	7.4
120°-130°	1072.2	12.3
130°-140°	1138.9	13.0
140°-150°	1058.5	12.1
150°-160°	851.0	9.7
160°-170°	548.4	6.3
170°-180°	188.7	2.2
0°-30°	1028.6	11.8
0°-40°	1591.7	18.2
0°-60°	2487.8	28.4
0°-90°	2932.5	33.5
90°-120°	955.6	10.9
90°-150°	4225.4	48.3
90°-180°	5813.0	66.5
0°-180°	8746.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1328	1328	1328	1328	1328	
5°	1329	1483	1334	1180	1329	126
15°	1248	1822	1265	874	1248	352
25°	1121	1518	1126	702	1121	513
35°	915	826	931	583	915	573
45°	687	498	698	479	687	533
55°	471	350	474	370	471	421
65°	280	215	285	250	280	278
75°	131	106	136	126	131	140
85°	26	28	29	20	26	31
90°	1	39	1	39	1	7
95°	93	62	93	62	93	110
105°	436	109	436	109	436	466
115°	825	118	825	118	825	812
125°	1167	1227	1167	1227	1167	1040
135°	1444	1491	1444	1491	1444	1115
145°	1674	1700	1674	1700	1674	1047
155°	1844	1845	1844	1845	1844	850
165°	1943	1938	1943	1938	1943	549
175°	1987	1976	1987	1976	1987	189
180°	1983	1983	1983	1983	1983	

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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	1327.6	1327.6	1327.6	1327.6	1327.6	1327.6	1327.6	1327.6	1327.6	1327.6	1327.6
2.5°	1334.7	1337.8	1342.9	1343.9	1354.1	1362.3	1371.4	1371.4	1374.5	1373.5	1365.3
5°	1328.6	1337.8	1351.0	1362.3	1380.6	1388.8	1401.0	1410.2	1418.4	1424.5	1423.5
7.5°	1318.4	1334.7	1354.1	1375.5	1400.0	1414.3	1431.6	1448.0	1459.2	1469.4	1476.5
10°	1301.0	1328.6	1355.1	1383.7	1415.3	1434.7	1455.1	1476.5	1493.9	1513.3	1531.6
12.5°	1277.6	1317.4	1350.0	1387.8	1426.5	1448.0	1480.6	1496.9	1530.6	1579.6	1592.9
15°	1248.0	1302.0	1332.7	1380.6	1431.6	1449.0	1493.9	1520.4	1589.8	1620.4	1657.2
17.5°	1220.4	1280.6	1321.4	1376.5	1426.5	1460.2	1504.1	1558.2	1616.3	1660.2	1701.0
20°	1198.0	1256.1	1305.1	1366.3	1429.6	1472.5	1518.4	1583.7	1646.9	1691.8	1723.5
22.5°	1146.9	1221.4	1278.6	1346.9	1423.5	1482.7	1526.5	1598.0	1666.3	1693.9	1721.4
25°	1121.4	1185.7	1252.0	1329.6	1419.4	1489.8	1527.6	1607.2	1667.4	1677.6	1683.7
27.5°	1074.5	1146.9	1224.5	1313.3	1418.4	1477.6	1525.5	1598.0	1645.9	1638.8	1620.4
30°	1016.3	1105.1	1190.8	1286.7	1404.1	1468.4	1513.3	1579.6	1604.1	1567.4	1534.7
32.5°	973.5	1057.1	1152.0	1263.3	1387.8	1449.0	1492.9	1544.9	1550.0	1483.7	1428.6
35°	915.3	1008.2	1115.3	1232.7	1360.2	1415.3	1456.1	1487.8	1463.3	1370.4	1305.1
37.5°	863.3	955.1	1069.4	1188.8	1322.5	1376.5	1409.2	1414.3	1354.1	1272.5	1176.5
40°	806.1	901.0	1020.4	1145.9	1280.6	1327.6	1348.0	1332.7	1245.9	1151.0	1039.8
42.5°	749.0	842.9	971.4	1100.0	1227.6	1267.4	1275.5	1233.7	1127.6	1016.3	887.8
45°	686.7	784.7	913.3	1042.9	1166.3	1188.8	1189.8	1129.6	1004.1	887.8	768.4
47.5°	635.7	726.5	854.1	983.7	1087.8	1103.1	1096.9	1027.6	890.8	760.2	656.1
50°	579.6	666.3	792.9	920.4	1009.2	1013.3	998.0	899.0	765.3	645.9	563.3
52.5°	519.4	607.1	723.5	845.9	925.5	919.4	889.8	783.7	658.2	559.2	495.9
55°	471.4	549.0	658.2	777.6	833.7	816.3	783.7	675.5	576.5	492.9	437.8
57.5°	418.4	486.7	593.9	698.0	730.6	714.3	681.6	580.6	488.8	425.5	388.8
60°	368.4	430.6	524.5	611.2	636.7	619.4	581.6	490.8	424.5	371.4	343.9
62.5°	322.5	376.5	455.1	534.7	544.9	527.6	494.9	421.4	364.3	322.5	302.0
65°	279.6	330.6	393.9	454.1	463.3	444.9	411.2	358.2	310.2	283.7	264.3
67.5°	237.8	278.6	334.7	378.6	383.7	366.3	338.8	295.9	266.3	237.8	223.5
70°	201.0	231.6	275.5	311.2	313.3	296.9	282.7	243.9	221.4	201.0	189.8
72.5°	165.3	186.7	220.4	246.9	248.0	237.8	224.5	200.0	180.6	166.3	155.1
75°	130.6	149.0	169.4	192.9	191.8	183.7	173.5	158.2	141.8	132.7	127.6
77.5°	100.0	111.2	127.6	142.9	142.9	138.8	132.7	121.4	111.2	102.0	96.9
80°	71.4	78.6	91.8	96.9	99.0	98.0	92.9	84.7	80.6	73.5	71.4
82.5°	45.9	51.0	57.1	62.2	65.3	63.3	62.2	58.2	52.0	50.0	48.0
85°	26.5	28.6	31.6	34.7	35.7	34.7	36.7	33.7	30.6	30.6	29.6
87.5°	11.2	12.2	14.3	14.3	15.3	15.3	14.3	15.3	15.3	14.3	13.3
90°	1.4	4.9	8.4	11.9	15.4	17.2	18.5	21.0	23.6	26.1	28.7
92.5°	35.9	34.6	33.3	32.0	30.7	30.1	30.6	31.5	32.5	33.4	34.4
95°	93.3	82.8	72.2	61.7	51.2	45.9	47.0	49.3	51.5	53.8	56.0
97.5°	167.9	141.7	115.6	89.4	63.3	50.2	52.8	57.9	63.0	68.1	73.2
100°	254.0	210.3	166.6	122.9	79.2	57.4	60.1	65.5	71.0	76.4	81.8
102.5°	348.7	348.1	347.4	346.8	346.1	345.8	316.8	258.8	200.7	142.7	84.7
105°	436.2	445.8	455.4	464.9	474.5	479.3	435.8	348.7	261.6	174.6	87.5
107.5°	538.1	546.1	554.1	562.0	570.0	574.0	520.3	412.8	305.3	197.9	90.4
110°	635.7	642.4	649.1	655.8	662.5	665.8	619.7	527.6	435.4	343.3	251.1

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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	727.5	733.2	739.0	744.7	750.4	753.3	750.6	745.2	739.7	734.3	728.9
115°	825.1	830.5	835.9	841.4	846.8	849.5	853.5	861.4	869.4	877.3	885.3
117.5°	909.7	916.1	922.5	928.8	935.2	938.4	941.1	946.5	952.0	957.4	962.8
120°	1004.4	1009.2	1014.0	1018.7	1023.5	1025.9	1028.8	1034.5	1040.3	1046.0	1051.8
122.5°	1084.8	1089.9	1095.0	1100.1	1105.2	1107.7	1110.9	1117.3	1123.6	1130.0	1136.4
125°	1166.6	1170.7	1174.9	1179.0	1183.1	1185.2	1188.2	1194.3	1200.4	1206.4	1212.5
127.5°	1241.2	1245.7	1250.1	1254.6	1259.1	1261.3	1263.7	1268.5	1273.2	1278.0	1282.8
130°	1311.5	1316.6	1321.7	1326.8	1331.9	1334.4	1336.2	1339.7	1343.2	1346.7	1350.2
132.5°	1383.2	1387.4	1391.5	1395.7	1399.8	1401.9	1403.7	1407.2	1410.7	1414.2	1417.7
135°	1443.5	1448.6	1453.7	1458.8	1463.9	1466.5	1467.9	1470.8	1473.7	1476.5	1479.4
137.5°	1506.6	1510.4	1514.3	1518.1	1522.0	1523.9	1525.5	1528.7	1531.8	1535.0	1538.2
140°	1568.3	1570.9	1573.4	1576.0	1578.5	1579.8	1581.6	1585.1	1588.6	1592.1	1595.6
142.5°	1620.0	1622.2	1624.4	1626.7	1628.9	1630.0	1632.1	1636.2	1640.4	1644.5	1648.7
145°	1674.5	1674.2	1673.9	1673.6	1673.3	1673.1	1675.8	1681.2	1686.7	1692.1	1697.5
147.5°	1721.9	1720.9	1720.0	1719.0	1718.1	1717.6	1720.3	1725.7	1731.2	1736.6	1742.0
150°	1767.8	1765.6	1763.3	1761.1	1758.8	1757.7	1760.3	1765.4	1770.5	1775.6	1780.7
152.5°	1806.5	1803.9	1801.4	1798.8	1796.3	1795.0	1797.4	1802.2	1807.0	1811.8	1816.6
155°	1843.8	1840.9	1838.1	1835.2	1832.3	1830.9	1832.8	1836.6	1840.5	1844.3	1848.1
157.5°	1874.0	1871.4	1868.9	1866.3	1863.8	1862.5	1863.9	1866.8	1869.7	1872.5	1875.4
160°	1899.8	1897.9	1896.0	1894.1	1892.2	1891.2	1892.2	1894.1	1896.0	1897.9	1899.8
162.5°	1922.8	1920.9	1918.9	1917.0	1915.1	1914.1	1914.9	1916.5	1918.1	1919.7	1921.3
165°	1942.8	1940.9	1939.0	1937.1	1935.2	1934.2	1934.7	1935.6	1936.6	1937.5	1938.5
167.5°	1958.6	1956.7	1954.8	1952.9	1951.0	1950.0	1950.5	1951.4	1952.4	1953.3	1954.3
170°	1971.5	1969.6	1967.7	1965.8	1963.9	1962.9	1963.2	1963.9	1964.5	1965.2	1965.8
172.5°	1980.1	1978.2	1976.3	1974.4	1972.5	1971.5	1971.8	1972.5	1973.1	1973.8	1974.4
175°	1987.3	1985.1	1982.9	1980.6	1978.4	1977.3	1977.6	1978.2	1978.9	1979.5	1980.1
177.5°	1990.2	1988.0	1985.7	1983.5	1981.2	1980.1	1980.3	1980.6	1980.9	1981.3	1981.6
180°	1983.0	1983.0	1983.0	1983.0	1983.0	1983.0	1983.0	1983.0	1983.0	1983.0	1983.0

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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	1327.6	1327.6	1327.6	1327.6	1327.6	1327.6	1327.6	1327.6	1327.6	1327.6	1327.6
2.5°	1379.6	1380.6	1382.7	1392.9	1398.0	1399.0	1394.9	1404.1	1407.2	1404.1	1402.0
5°	1444.9	1451.0	1463.3	1476.5	1475.5	1476.5	1482.7	1488.8	1490.8	1482.7	1485.7
7.5°	1502.1	1514.3	1527.6	1548.0	1548.0	1558.2	1562.3	1567.4	1579.6	1573.5	1571.4
10°	1567.4	1583.7	1608.2	1640.8	1641.8	1652.1	1662.3	1678.6	1683.7	1679.6	1681.6
12.5°	1649.0	1680.6	1682.7	1718.4	1734.7	1736.7	1753.1	1750.0	1760.2	1760.2	1777.6
15°	1684.7	1733.7	1761.2	1795.9	1806.1	1793.9	1807.2	1821.4	1822.5	1822.5	1821.4
17.5°	1749.0	1768.4	1795.9	1814.3	1818.4	1818.4	1819.4	1825.5	1821.4	1813.3	1819.4
20°	1762.3	1770.4	1780.6	1778.6	1780.6	1770.4	1760.2	1750.0	1751.0	1745.9	1761.2
22.5°	1737.8	1735.7	1712.3	1696.9	1696.9	1676.5	1657.2	1648.0	1638.8	1641.8	1646.9
25°	1676.5	1644.9	1616.3	1593.9	1588.8	1556.1	1529.6	1521.4	1506.1	1518.4	1520.4
27.5°	1578.6	1542.9	1496.9	1477.6	1451.0	1437.8	1419.4	1394.9	1363.3	1381.6	1378.6
30°	1473.5	1420.4	1382.7	1335.7	1293.9	1290.8	1256.1	1215.3	1199.0	1199.0	1208.2
32.5°	1356.1	1285.7	1230.6	1164.3	1123.5	1106.1	1064.3	1023.5	1032.7	1002.0	1013.3
35°	1219.4	1126.5	1057.1	992.9	962.3	941.8	887.8	865.3	840.8	826.5	853.1
37.5°	1088.8	981.6	892.9	822.5	811.2	774.5	737.8	723.5	709.2	715.3	714.3
40°	929.6	834.7	755.1	700.0	680.6	663.3	638.8	621.4	612.2	617.4	618.4
42.5°	785.7	706.1	646.9	608.2	591.8	579.6	567.4	553.1	550.0	550.0	554.1
45°	674.5	609.2	569.4	537.8	528.6	519.4	510.2	504.1	502.0	498.0	501.0
47.5°	585.7	533.7	509.2	485.7	475.5	473.5	465.3	462.2	458.2	457.1	458.2
50°	511.2	478.6	456.1	442.9	435.7	432.7	428.6	422.5	420.4	425.5	423.5
52.5°	459.2	428.6	416.3	403.1	399.0	394.9	388.8	389.8	388.8	386.7	386.7
55°	407.1	387.8	375.5	365.3	364.3	360.2	355.1	353.1	352.0	350.0	353.1
57.5°	365.3	350.0	338.8	329.6	325.5	325.5	320.4	316.3	316.3	315.3	316.3
60°	323.5	308.2	301.0	291.8	288.8	287.8	284.7	282.7	279.6	279.6	279.6
62.5°	284.7	272.5	264.3	256.1	257.1	252.0	248.0	245.9	245.9	246.9	246.9
65°	248.0	239.8	229.6	222.5	220.4	219.4	217.3	216.3	213.3	215.3	215.3
67.5°	214.3	203.1	196.9	193.9	190.8	189.8	187.8	185.7	184.7	183.7	185.7
70°	180.6	171.4	166.3	164.3	161.2	160.2	159.2	156.1	157.1	158.2	159.2
72.5°	150.0	141.8	140.8	134.7	134.7	134.7	130.6	132.7	131.6	129.6	131.6
75°	118.4	114.3	112.2	109.2	110.2	109.2	108.2	105.1	105.1	106.1	107.1
77.5°	93.9	89.8	88.8	85.7	83.7	85.7	83.7	82.7	82.7	83.7	83.7
80°	69.4	67.3	64.3	64.3	64.3	63.3	63.3	63.3	62.2	61.2	62.2
82.5°	45.9	45.9	44.9	43.9	44.9	42.9	43.9	43.9	43.9	43.9	43.9
85°	29.6	28.6	28.6	27.6	27.6	27.6	28.6	26.5	26.5	27.6	27.6
87.5°	13.3	13.3	13.3	14.3	13.3	13.3	13.3	14.3	13.3	13.3	13.3
90°	30.3	31.9	33.5	35.1	35.9	36.2	36.8	37.5	38.1	38.7	38.1
92.5°	35.0	35.7	36.3	37.0	37.3	37.5	37.8	38.1	38.4	38.7	38.4
95°	57.6	59.2	60.7	62.3	63.1	62.9	62.6	62.3	62.0	61.7	62.0
97.5°	74.2	75.1	76.1	77.0	77.5	77.7	78.0	78.3	78.6	78.9	78.6
100°	84.4	86.9	89.5	92.0	93.3	93.6	94.2	94.9	95.5	96.1	95.5
102.5°	88.2	91.7	95.2	98.7	100.4	100.9	101.8	102.8	103.7	104.7	103.7
105°	91.0	94.5	98.0	101.5	103.3	103.9	105.2	106.5	107.8	109.1	107.8
107.5°	93.9	97.4	100.9	104.4	106.2	106.8	108.1	109.4	110.6	111.9	110.6
110°	219.2	187.3	155.4	123.5	107.6	108.2	109.5	110.8	112.1	113.4	112.1

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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	591.5	454.1	316.6	179.2	110.5	111.0	111.9	112.9	113.8	114.8	113.8
115°	737.7	590.1	442.4	294.8	221.0	209.5	186.6	163.6	140.7	117.7	140.7
117.5°	917.2	871.6	826.0	780.4	757.6	715.8	632.3	548.8	465.2	381.7	465.2
120°	1055.6	1059.4	1063.3	1067.1	1069.0	1047.5	1004.4	961.4	918.3	875.3	918.3
122.5°	1138.3	1140.2	1142.1	1144.0	1145.0	1145.2	1145.5	1145.8	1146.2	1146.5	1146.2
125°	1214.7	1216.9	1219.2	1221.4	1222.5	1223.0	1223.9	1224.9	1225.8	1226.8	1225.8
127.5°	1286.0	1289.2	1292.3	1295.5	1297.1	1297.3	1297.6	1297.9	1298.3	1298.6	1298.3
130°	1353.7	1357.2	1360.7	1364.2	1366.0	1365.8	1365.5	1365.2	1364.9	1364.6	1364.9
132.5°	1420.6	1423.4	1426.3	1429.2	1430.6	1430.4	1430.1	1429.8	1429.4	1429.1	1429.4
135°	1482.6	1485.8	1488.9	1492.1	1493.7	1493.4	1492.7	1492.1	1491.4	1490.8	1491.4
137.5°	1541.4	1544.6	1547.8	1551.0	1552.6	1552.1	1551.1	1550.2	1549.2	1548.2	1549.2
140°	1598.5	1601.3	1604.2	1607.1	1608.5	1607.7	1606.1	1604.5	1602.9	1601.3	1602.9
142.5°	1651.3	1653.8	1656.4	1658.9	1660.2	1659.4	1657.8	1656.2	1654.6	1653.0	1654.6
145°	1699.7	1701.9	1704.2	1706.4	1707.5	1706.7	1705.1	1703.5	1701.9	1700.3	1701.9
147.5°	1743.6	1745.2	1746.7	1748.3	1749.1	1748.5	1747.2	1745.9	1744.7	1743.4	1744.7
150°	1782.6	1784.5	1786.4	1788.3	1789.3	1788.5	1786.9	1785.3	1783.7	1782.1	1783.7
152.5°	1818.5	1820.4	1822.3	1824.2	1825.2	1824.1	1821.8	1819.6	1817.3	1815.1	1817.3
155°	1850.0	1851.9	1853.8	1855.7	1856.7	1855.4	1852.9	1850.4	1847.8	1845.3	1847.8
157.5°	1877.6	1879.8	1882.1	1884.3	1885.4	1884.1	1881.6	1879.1	1876.5	1874.0	1876.5
160°	1901.7	1903.6	1905.5	1907.4	1908.4	1907.3	1905.1	1902.8	1900.6	1898.4	1900.6
162.5°	1923.5	1925.8	1928.0	1930.3	1931.4	1930.0	1927.1	1924.2	1921.3	1918.4	1921.3
165°	1940.7	1943.0	1945.2	1947.5	1948.6	1947.5	1945.2	1943.0	1940.7	1938.5	1940.7
167.5°	1956.5	1958.8	1961.0	1963.3	1964.4	1963.0	1960.1	1957.2	1954.3	1951.4	1954.3
170°	1968.0	1970.2	1972.5	1974.7	1975.8	1974.4	1971.5	1968.6	1965.8	1962.9	1965.8
172.5°	1976.6	1978.9	1981.1	1983.4	1984.5	1983.1	1980.2	1977.3	1974.4	1971.5	1974.4
175°	1982.3	1984.6	1986.8	1989.1	1990.2	1988.6	1985.4	1982.2	1979.0	1975.8	1979.0
177.5°	1983.8	1986.0	1988.3	1990.5	1991.6	1990.2	1987.3	1984.4	1981.6	1978.7	1981.6
180°	1983.0	1983.0	1983.0	1983.0	1983.0	1983.0	1983.0	1983.0	1983.0	1983.0	1983.0

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CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	1327.6	1327.6	1327.6	1327.6	1327.6	1327.6	1327.6	1327.6	1327.6	1327.6	1327.6
2.5°	1407.2	1400.0	1393.9	1394.9	1400.0	1395.9	1385.7	1372.5	1367.4	1361.2	1367.4
5°	1491.8	1485.7	1473.5	1474.5	1471.4	1467.4	1451.0	1430.6	1430.6	1414.3	1412.3
7.5°	1575.5	1566.3	1558.2	1556.1	1544.9	1536.7	1522.5	1493.9	1482.7	1463.3	1452.0
10°	1669.4	1662.3	1653.1	1641.8	1635.7	1621.4	1598.0	1556.1	1535.7	1509.2	1489.8
12.5°	1764.3	1763.3	1742.9	1720.4	1719.4	1696.9	1680.6	1624.5	1596.9	1561.2	1515.3
15°	1824.5	1819.4	1808.2	1796.9	1800.0	1775.5	1738.8	1672.5	1654.1	1611.2	1562.3
17.5°	1823.5	1823.5	1820.4	1818.4	1815.3	1808.2	1787.8	1743.9	1714.3	1660.2	1614.3
20°	1765.3	1778.6	1781.6	1780.6	1790.8	1795.9	1794.9	1767.4	1743.9	1695.9	1649.0
22.5°	1649.0	1679.6	1692.9	1701.0	1722.5	1733.7	1760.2	1750.0	1743.9	1708.2	1668.4
25°	1540.8	1551.0	1590.8	1592.9	1622.5	1650.0	1676.5	1693.9	1716.3	1703.1	1669.4
27.5°	1401.0	1424.5	1453.1	1474.5	1480.6	1536.7	1580.6	1613.3	1664.3	1668.4	1657.2
30°	1242.9	1254.1	1301.0	1329.6	1362.3	1403.1	1466.3	1522.5	1568.4	1610.2	1624.5
32.5°	1050.0	1095.9	1123.5	1158.2	1186.7	1259.2	1336.7	1409.2	1462.3	1532.7	1563.3
35°	873.5	909.2	956.1	970.4	1022.5	1083.7	1184.7	1277.6	1358.2	1429.6	1491.8
37.5°	727.6	756.1	806.1	828.6	859.2	937.8	1022.5	1137.8	1234.7	1322.5	1400.0
40°	627.6	649.0	686.7	693.9	719.4	790.8	859.2	967.4	1095.9	1214.3	1299.0
42.5°	559.2	569.4	594.9	604.1	620.4	668.4	729.6	831.6	951.0	1073.5	1192.9
45°	510.2	517.4	532.7	540.8	561.2	582.7	632.7	714.3	808.2	931.6	1060.2
47.5°	466.3	475.5	481.6	486.7	498.0	521.4	554.1	614.3	704.1	817.4	941.8
50°	429.6	432.7	443.9	444.9	452.0	467.3	498.0	534.7	606.1	698.0	818.4
52.5°	392.9	395.9	403.1	410.2	413.3	425.5	445.9	476.5	529.6	602.0	709.2
55°	356.1	360.2	367.3	372.5	375.5	385.7	398.0	427.6	469.4	520.4	608.2
57.5°	319.4	328.6	330.6	333.7	338.8	350.0	361.2	378.6	411.2	458.2	522.5
60°	284.7	287.8	294.9	298.0	303.1	309.2	323.5	336.7	360.2	396.9	455.1
62.5°	249.0	256.1	259.2	262.2	266.3	273.5	282.7	296.9	317.3	346.9	392.9
65°	218.4	219.4	225.5	229.6	233.7	238.8	248.0	261.2	273.5	301.0	334.7
67.5°	188.8	190.8	192.9	196.9	202.0	207.1	215.3	222.5	237.8	256.1	282.7
70°	160.2	160.2	165.3	168.4	167.3	173.5	179.6	187.8	199.0	216.3	237.8
72.5°	134.7	133.7	137.8	138.8	140.8	144.9	149.0	157.1	163.3	176.5	192.9
75°	107.1	109.2	111.2	111.2	114.3	117.3	121.4	125.5	132.7	140.8	153.1
77.5°	84.7	84.7	86.7	87.8	90.8	89.8	93.9	98.0	103.1	110.2	119.4
80°	62.2	64.3	64.3	64.3	65.3	66.3	70.4	73.5	76.5	81.6	85.7
82.5°	43.9	43.9	45.9	45.9	45.9	48.0	48.0	49.0	51.0	54.1	57.1
85°	27.6	27.6	27.6	28.6	27.6	28.6	30.6	29.6	30.6	32.7	32.7
87.5°	13.3	13.3	13.3	13.3	13.3	14.3	13.3	14.3	15.3	15.3	15.3
90°	37.5	36.8	36.2	35.9	35.1	33.5	31.9	30.3	28.7	26.1	23.6
92.5°	38.1	37.8	37.5	37.3	37.0	36.3	35.7	35.0	34.4	33.4	32.5
95°	62.3	62.6	62.9	63.1	62.3	60.7	59.2	57.6	56.0	53.8	51.5
97.5°	78.3	78.0	77.7	77.5	77.0	76.1	75.1	74.2	73.2	68.1	63.0
100°	94.9	94.2	93.6	93.3	92.0	89.5	86.9	84.4	81.8	76.4	71.0
102.5°	102.8	101.8	100.9	100.4	98.7	95.2	91.7	88.2	84.7	142.7	200.7
105°	106.5	105.2	103.9	103.3	101.5	98.0	94.5	91.0	87.5	174.6	261.6
107.5°	109.4	108.1	106.8	106.2	104.4	100.9	97.4	93.9	90.4	197.9	305.3
110°	110.8	109.5	108.2	107.6	123.5	155.4	187.3	219.2	251.1	343.3	435.4

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CATALOG NUMBER: S122DIW-B675D1440UB2750-4F0-XX-W2A-A_4000K

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	112.9	111.9	111.0	110.5	179.2	316.6	454.1	591.5	728.9	734.3	739.7
115°	163.6	186.6	209.5	221.0	294.8	442.4	590.1	737.7	885.3	877.3	869.4
117.5°	548.8	632.3	715.8	757.6	780.4	826.0	871.6	917.2	962.8	957.4	952.0
120°	961.4	1004.4	1047.5	1069.0	1067.1	1063.3	1059.4	1055.6	1051.8	1046.0	1040.3
122.5°	1145.8	1145.5	1145.2	1145.0	1144.0	1142.1	1140.2	1138.3	1136.4	1130.0	1123.6
125°	1224.9	1223.9	1223.0	1222.5	1221.4	1219.2	1216.9	1214.7	1212.5	1206.4	1200.4
127.5°	1297.9	1297.6	1297.3	1297.1	1295.5	1292.3	1289.2	1286.0	1282.8	1278.0	1273.2
130°	1365.2	1365.5	1365.8	1366.0	1364.2	1360.7	1357.2	1353.7	1350.2	1346.7	1343.2
132.5°	1429.8	1430.1	1430.4	1430.6	1429.2	1426.3	1423.4	1420.6	1417.7	1414.2	1410.7
135°	1492.1	1492.7	1493.4	1493.7	1492.1	1488.9	1485.8	1482.6	1479.4	1476.5	1473.7
137.5°	1550.2	1551.1	1552.1	1552.6	1551.0	1547.8	1544.6	1541.4	1538.2	1535.0	1531.8
140°	1604.5	1606.1	1607.7	1608.5	1607.1	1604.2	1601.3	1598.5	1595.6	1592.1	1588.6
142.5°	1656.2	1657.8	1659.4	1660.2	1658.9	1656.4	1653.8	1651.3	1648.7	1644.5	1640.4
145°	1703.5	1705.1	1706.7	1707.5	1706.4	1704.2	1701.9	1699.7	1697.5	1692.1	1686.7
147.5°	1745.9	1747.2	1748.5	1749.1	1748.3	1746.7	1745.2	1743.6	1742.0	1736.6	1731.2
150°	1785.3	1786.9	1788.5	1789.3	1788.3	1786.4	1784.5	1782.6	1780.7	1775.6	1770.5
152.5°	1819.6	1821.8	1824.1	1825.2	1824.2	1822.3	1820.4	1818.5	1816.6	1811.8	1807.0
155°	1850.4	1852.9	1855.4	1856.7	1855.7	1853.8	1851.9	1850.0	1848.1	1844.3	1840.5
157.5°	1879.1	1881.6	1884.1	1885.4	1884.3	1882.1	1879.8	1877.6	1875.4	1872.5	1869.7
160°	1902.8	1905.1	1907.3	1908.4	1907.4	1905.5	1903.6	1901.7	1899.8	1897.9	1896.0
162.5°	1924.2	1927.1	1930.0	1931.4	1930.3	1928.0	1925.8	1923.5	1921.3	1919.7	1918.1
165°	1943.0	1945.2	1947.5	1948.6	1947.5	1945.2	1943.0	1940.7	1938.5	1937.5	1936.6
167.5°	1957.2	1960.1	1963.0	1964.4	1963.3	1961.0	1958.8	1956.5	1954.3	1953.3	1952.4
170°	1968.6	1971.5	1974.4	1975.8	1974.7	1972.5	1970.2	1968.0	1965.8	1965.2	1964.5
172.5°	1977.3	1980.2	1983.1	1984.5	1983.4	1981.1	1978.9	1976.6	1974.4	1973.8	1973.1
175°	1982.2	1985.4	1988.6	1990.2	1989.1	1986.8	1984.6	1982.3	1980.1	1979.5	1978.9
177.5°	1984.4	1987.3	1990.2	1991.6	1990.5	1988.3	1986.0	1983.8	1981.6	1981.3	1980.9
180°	1983.0	1983.0	1983.0	1983.0	1983.0	1983.0	1983.0	1983.0	1983.0	1983.0	1983.0

TEST NUMBER: P1029633

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CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
0°	1327.6	1327.6	1327.6	1327.6	1327.6	1327.6	1327.6	1327.6	1327.6	1327.6	1327.6
2.5°	1362.3	1357.2	1354.1	1356.1	1350.0	1334.7	1334.7	1339.8	1333.7	1327.6	1318.4
5°	1400.0	1389.8	1383.7	1382.7	1368.4	1343.9	1338.8	1333.7	1320.4	1306.1	1290.8
7.5°	1436.7	1418.4	1408.2	1401.0	1380.6	1349.0	1335.7	1324.5	1303.1	1281.6	1262.3
10°	1467.4	1440.8	1428.6	1417.4	1390.8	1351.0	1329.6	1309.2	1281.6	1254.1	1229.6
12.5°	1491.8	1461.2	1445.9	1429.6	1396.9	1344.9	1318.4	1285.7	1258.2	1221.4	1196.9
15°	1532.7	1469.4	1455.1	1439.8	1406.1	1334.7	1302.0	1265.3	1227.6	1178.6	1152.0
17.5°	1565.3	1480.6	1479.6	1446.9	1403.1	1330.6	1280.6	1232.7	1191.8	1142.9	1101.0
20°	1584.7	1498.0	1481.6	1448.0	1392.9	1303.1	1251.0	1198.0	1154.1	1094.9	1053.1
22.5°	1601.0	1522.5	1479.6	1438.8	1371.4	1293.9	1217.4	1167.4	1107.1	1042.9	1003.1
25°	1607.2	1527.6	1482.7	1435.7	1356.1	1267.4	1180.6	1126.5	1059.2	1001.0	946.9
27.5°	1608.2	1526.5	1471.4	1422.5	1334.7	1232.7	1143.9	1086.7	1012.3	944.9	890.8
30°	1598.0	1515.3	1465.3	1412.3	1314.3	1201.0	1099.0	1035.7	956.1	888.8	832.7
32.5°	1567.4	1492.9	1452.0	1393.9	1287.8	1157.2	1056.1	985.7	902.0	835.7	781.6
35°	1516.3	1465.3	1420.4	1366.3	1253.1	1116.3	1013.3	930.6	845.9	782.7	731.6
37.5°	1453.1	1425.5	1383.7	1330.6	1213.3	1079.6	965.3	873.5	788.8	727.6	677.6
40°	1367.4	1374.5	1333.7	1285.7	1166.3	1029.6	903.1	815.3	735.7	678.6	629.6
42.5°	1274.5	1304.1	1280.6	1234.7	1114.3	974.5	857.1	760.2	682.7	623.5	582.7
45°	1174.5	1225.5	1211.2	1177.6	1060.2	916.3	791.8	698.0	629.6	572.5	536.7
47.5°	1065.3	1137.8	1137.8	1113.3	1000.0	858.2	735.7	639.8	572.5	531.6	496.9
50°	954.1	1035.7	1049.0	1032.7	932.7	791.8	667.4	580.6	522.5	482.7	457.1
52.5°	837.8	932.7	957.1	949.0	861.2	728.6	611.2	526.5	473.5	438.8	416.3
55°	726.5	836.7	863.3	866.3	784.7	659.2	549.0	474.5	423.5	400.0	380.6
57.5°	621.4	727.6	757.1	762.2	707.1	595.9	490.8	425.5	379.6	360.2	344.9
60°	531.6	620.4	659.2	670.4	622.5	522.5	436.7	373.5	338.8	320.4	306.1
62.5°	458.2	529.6	570.4	573.5	552.0	458.2	380.6	327.6	298.0	281.6	274.5
65°	386.7	451.0	475.5	487.8	470.4	396.9	328.6	284.7	261.2	246.9	239.8
67.5°	329.6	370.4	390.8	407.1	389.8	334.7	279.6	243.9	226.5	212.2	208.2
70°	270.4	304.1	319.4	335.7	320.4	278.6	238.8	206.1	190.8	179.6	174.5
72.5°	216.3	242.9	257.1	267.3	258.2	223.5	190.8	168.4	157.1	149.0	145.9
75°	171.4	189.8	198.0	205.1	201.0	174.5	154.1	135.7	125.5	118.4	116.3
77.5°	130.6	143.9	153.1	155.1	150.0	132.7	115.3	104.1	95.9	91.8	89.8
80°	92.9	101.0	106.1	109.2	104.1	96.9	84.7	76.5	69.4	64.3	63.3
82.5°	62.2	66.3	70.4	69.4	67.3	61.2	54.1	50.0	46.9	42.9	42.9
85°	35.7	36.7	38.8	39.8	38.8	34.7	30.6	28.6	26.5	23.5	23.5
87.5°	15.3	16.3	16.3	17.3	15.3	15.3	13.3	11.2	11.2	10.2	9.2
90°	21.0	18.5	17.2	15.4	11.9	8.4	4.9	1.4	4.9	8.4	11.9
92.5°	31.5	30.6	30.1	30.7	32.0	33.3	34.6	35.9	34.6	33.3	32.0
95°	49.3	47.0	45.9	51.2	61.7	72.2	82.8	93.3	82.8	72.2	61.7
97.5°	57.9	52.8	50.2	63.3	89.4	115.6	141.7	167.9	141.7	115.6	89.4
100°	65.5	60.1	57.4	79.2	122.9	166.6	210.3	254.0	210.3	166.6	122.9
102.5°	258.8	316.8	345.8	346.1	346.8	347.4	348.1	348.7	348.1	347.4	346.8
105°	348.7	435.8	479.3	474.5	464.9	455.4	445.8	436.2	445.8	455.4	464.9
107.5°	412.8	520.3	574.0	570.0	562.0	554.1	546.1	538.1	546.1	554.1	562.0
110°	527.6	619.7	665.8	662.5	655.8	649.1	642.4	635.7	642.4	649.1	655.8

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CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
112.5°	745.2	750.6	753.3	750.4	744.7	739.0	733.2	727.5	733.2	739.0	744.7
115°	861.4	853.5	849.5	846.8	841.4	835.9	830.5	825.1	830.5	835.9	841.4
117.5°	946.5	941.1	938.4	935.2	928.8	922.5	916.1	909.7	916.1	922.5	928.8
120°	1034.5	1028.8	1025.9	1023.5	1018.7	1014.0	1009.2	1004.4	1009.2	1014.0	1018.7
122.5°	1117.3	1110.9	1107.7	1105.2	1100.1	1095.0	1089.9	1084.8	1089.9	1095.0	1100.1
125°	1194.3	1188.2	1185.2	1183.1	1179.0	1174.9	1170.7	1166.6	1170.7	1174.9	1179.0
127.5°	1268.5	1263.7	1261.3	1259.1	1254.6	1250.1	1245.7	1241.2	1245.7	1250.1	1254.6
130°	1339.7	1336.2	1334.4	1331.9	1326.8	1321.7	1316.6	1311.5	1316.6	1321.7	1326.8
132.5°	1407.2	1403.7	1401.9	1399.8	1395.7	1391.5	1387.4	1383.2	1387.4	1391.5	1395.7
135°	1470.8	1467.9	1466.5	1463.9	1458.8	1453.7	1448.6	1443.5	1448.6	1453.7	1458.8
137.5°	1528.7	1525.5	1523.9	1522.0	1518.1	1514.3	1510.4	1506.6	1510.4	1514.3	1518.1
140°	1585.1	1581.6	1579.8	1578.5	1576.0	1573.4	1570.9	1568.3	1570.9	1573.4	1576.0
142.5°	1636.2	1632.1	1630.0	1628.9	1626.7	1624.4	1622.2	1620.0	1622.2	1624.4	1626.7
145°	1681.2	1675.8	1673.1	1673.3	1673.6	1673.9	1674.2	1674.5	1674.2	1673.9	1673.6
147.5°	1725.7	1720.3	1717.6	1718.1	1719.0	1720.0	1720.9	1721.9	1720.9	1720.0	1719.0
150°	1765.4	1760.3	1757.7	1758.8	1761.1	1763.3	1765.6	1767.8	1765.6	1763.3	1761.1
152.5°	1802.2	1797.4	1795.0	1796.3	1798.8	1801.4	1803.9	1806.5	1803.9	1801.4	1798.8
155°	1836.6	1832.8	1830.9	1832.3	1835.2	1838.1	1840.9	1843.8	1840.9	1838.1	1835.2
157.5°	1866.8	1863.9	1862.5	1863.8	1866.3	1868.9	1871.4	1874.0	1871.4	1868.9	1866.3
160°	1894.1	1892.2	1891.2	1892.2	1894.1	1896.0	1897.9	1899.8	1897.9	1896.0	1894.1
162.5°	1916.5	1914.9	1914.1	1915.1	1917.0	1918.9	1920.9	1922.8	1920.9	1918.9	1917.0
165°	1935.6	1934.7	1934.2	1935.2	1937.1	1939.0	1940.9	1942.8	1940.9	1939.0	1937.1
167.5°	1951.4	1950.5	1950.0	1951.0	1952.9	1954.8	1956.7	1958.6	1956.7	1954.8	1952.9
170°	1963.9	1963.2	1962.9	1963.9	1965.8	1967.7	1969.6	1971.5	1969.6	1967.7	1965.8
172.5°	1972.5	1971.8	1971.5	1972.5	1974.4	1976.3	1978.2	1980.1	1978.2	1976.3	1974.4
175°	1978.2	1977.6	1977.3	1978.4	1980.6	1982.9	1985.1	1987.3	1985.1	1982.9	1980.6
177.5°	1980.6	1980.3	1980.1	1981.2	1983.5	1985.7	1988.0	1990.2	1988.0	1985.7	1983.5
180°	1983.0	1983.0	1983.0	1983.0	1983.0	1983.0	1983.0	1983.0	1983.0	1983.0	1983.0

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CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
0°	1327.6	1327.6	1327.6	1327.6	1327.6	1327.6	1327.6	1327.6	1327.6	1327.6	1327.6
2.5°	1313.3	1318.4	1317.4	1307.2	1295.9	1286.7	1269.4	1271.4	1265.3	1266.3	1272.5
5°	1280.6	1280.6	1276.5	1262.3	1243.9	1233.7	1214.3	1209.2	1196.9	1195.9	1194.9
7.5°	1245.9	1240.8	1235.7	1215.3	1192.9	1176.5	1150.0	1143.9	1131.6	1123.5	1119.4
10°	1205.1	1198.0	1187.8	1164.3	1136.7	1116.3	1088.8	1080.6	1057.1	1046.9	1040.8
12.5°	1160.2	1156.1	1139.8	1120.4	1075.5	1053.1	1013.3	1021.4	998.0	977.6	974.5
15°	1115.3	1100.0	1090.8	1059.2	1005.1	994.9	963.3	946.9	925.5	909.2	909.2
17.5°	1071.4	1048.0	1027.6	993.9	954.1	925.5	902.0	893.9	867.4	851.0	848.0
20°	1013.3	986.7	981.6	933.7	906.1	874.5	852.0	831.6	812.2	805.1	800.0
22.5°	958.2	927.6	919.4	878.6	851.0	819.4	796.9	782.7	768.4	763.3	754.1
25°	899.0	880.6	868.4	824.5	793.9	764.3	749.0	738.8	725.5	724.5	718.4
27.5°	841.8	824.5	812.2	770.4	748.0	720.4	708.2	696.9	689.8	686.7	683.7
30°	792.9	773.5	759.2	728.6	701.0	678.6	668.4	661.2	657.1	652.0	651.0
32.5°	738.8	727.6	708.2	684.7	663.3	641.8	635.7	630.6	624.5	622.5	621.4
35°	692.9	677.6	665.3	638.8	629.6	611.2	604.1	600.0	591.8	589.8	587.8
37.5°	648.0	633.7	620.4	604.1	586.7	576.5	572.5	566.3	562.2	563.3	561.2
40°	603.1	591.8	581.6	564.3	554.1	549.0	540.8	534.7	532.7	533.7	532.7
42.5°	559.2	549.0	542.9	529.6	519.4	514.3	509.2	503.1	506.1	506.1	509.2
45°	519.4	510.2	506.1	495.9	489.8	481.6	476.5	475.5	479.6	478.6	478.6
47.5°	478.6	475.5	470.4	461.2	453.1	448.0	446.9	446.9	451.0	453.1	452.0
50°	446.9	440.8	434.7	427.6	421.4	419.4	416.3	418.4	422.5	422.5	424.5
52.5°	407.1	403.1	401.0	394.9	390.8	390.8	390.8	391.8	394.9	398.0	396.9
55°	372.5	369.4	367.3	364.3	359.2	360.2	359.2	361.2	364.3	367.3	369.4
57.5°	335.7	334.7	332.7	327.6	327.6	326.5	329.6	330.6	335.7	337.8	340.8
60°	303.1	300.0	300.0	295.9	295.9	295.9	299.0	302.0	306.1	307.1	309.2
62.5°	268.4	268.4	267.3	264.3	264.3	267.3	268.4	272.5	274.5	274.5	277.6
65°	235.7	234.7	233.7	234.7	235.7	235.7	238.8	240.8	242.9	243.9	244.9
67.5°	203.1	202.0	204.1	203.1	205.1	209.2	208.2	211.2	214.3	214.3	215.3
70°	172.5	174.5	173.5	175.5	174.5	176.5	179.6	180.6	180.6	181.6	184.7
72.5°	143.9	143.9	143.9	142.9	143.9	145.9	148.0	149.0	151.0	152.0	155.1
75°	116.3	116.3	114.3	116.3	116.3	118.4	120.4	120.4	120.4	122.4	125.5
77.5°	87.8	88.8	87.8	89.8	89.8	90.8	92.9	91.8	93.9	94.9	95.9
80°	64.3	63.3	63.3	63.3	64.3	64.3	66.3	67.3	67.3	70.4	68.4
82.5°	40.8	41.8	40.8	41.8	41.8	42.9	41.8	42.9	43.9	45.9	44.9
85°	23.5	22.4	22.4	23.5	22.4	22.4	23.5	22.4	23.5	22.4	23.5
87.5°	9.2	8.2	8.2	8.2	8.2	7.1	7.1	6.1	6.1	6.1	5.1
90°	15.4	17.2	18.5	21.0	23.6	26.1	28.7	30.3	31.9	33.5	35.1
92.5°	30.7	30.1	30.6	31.5	32.5	33.4	34.4	35.0	35.7	36.3	37.0
95°	51.2	45.9	47.0	49.3	51.5	53.8	56.0	57.6	59.2	60.7	62.3
97.5°	63.3	50.2	52.8	57.9	63.0	68.1	73.2	74.2	75.1	76.1	77.0
100°	79.2	57.4	60.1	65.5	71.0	76.4	81.8	84.4	86.9	89.5	92.0
102.5°	346.1	345.8	316.8	258.8	200.7	142.7	84.7	88.2	91.7	95.2	98.7
105°	474.5	479.3	435.8	348.7	261.6	174.6	87.5	91.0	94.5	98.0	101.5
107.5°	570.0	574.0	520.3	412.8	305.3	197.9	90.4	93.9	97.4	100.9	104.4
110°	662.5	665.8	619.7	527.6	435.4	343.3	251.1	219.2	187.3	155.4	123.5

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CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
112.5°	750.4	753.3	750.6	745.2	739.7	734.3	728.9	591.5	454.1	316.6	179.2
115°	846.8	849.5	853.5	861.4	869.4	877.3	885.3	737.7	590.1	442.4	294.8
117.5°	935.2	938.4	941.1	946.5	952.0	957.4	962.8	917.2	871.6	826.0	780.4
120°	1023.5	1025.9	1028.8	1034.5	1040.3	1046.0	1051.8	1055.6	1059.4	1063.3	1067.1
122.5°	1105.2	1107.7	1110.9	1117.3	1123.6	1130.0	1136.4	1138.3	1140.2	1142.1	1144.0
125°	1183.1	1185.2	1188.2	1194.3	1200.4	1206.4	1212.5	1214.7	1216.9	1219.2	1221.4
127.5°	1259.1	1261.3	1263.7	1268.5	1273.2	1278.0	1282.8	1286.0	1289.2	1292.3	1295.5
130°	1331.9	1334.4	1336.2	1339.7	1343.2	1346.7	1350.2	1353.7	1357.2	1360.7	1364.2
132.5°	1399.8	1401.9	1403.7	1407.2	1410.7	1414.2	1417.7	1420.6	1423.4	1426.3	1429.2
135°	1463.9	1466.5	1467.9	1470.8	1473.7	1476.5	1479.4	1482.6	1485.8	1488.9	1492.1
137.5°	1522.0	1523.9	1525.5	1528.7	1531.8	1535.0	1538.2	1541.4	1544.6	1547.8	1551.0
140°	1578.5	1579.8	1581.6	1585.1	1588.6	1592.1	1595.6	1598.5	1601.3	1604.2	1607.1
142.5°	1628.9	1630.0	1632.1	1636.2	1640.4	1644.5	1648.7	1651.3	1653.8	1656.4	1658.9
145°	1673.3	1673.1	1675.8	1681.2	1686.7	1692.1	1697.5	1699.7	1701.9	1704.2	1706.4
147.5°	1718.1	1717.6	1720.3	1725.7	1731.2	1736.6	1742.0	1743.6	1745.2	1746.7	1748.3
150°	1758.8	1757.7	1760.3	1765.4	1770.5	1775.6	1780.7	1782.6	1784.5	1786.4	1788.3
152.5°	1796.3	1795.0	1797.4	1802.2	1807.0	1811.8	1816.6	1818.5	1820.4	1822.3	1824.2
155°	1832.3	1830.9	1832.8	1836.6	1840.5	1844.3	1848.1	1850.0	1851.9	1853.8	1855.7
157.5°	1863.8	1862.5	1863.9	1866.8	1869.7	1872.5	1875.4	1877.6	1879.8	1882.1	1884.3
160°	1892.2	1891.2	1892.2	1894.1	1896.0	1897.9	1899.8	1901.7	1903.6	1905.5	1907.4
162.5°	1915.1	1914.1	1914.9	1916.5	1918.1	1919.7	1921.3	1923.5	1925.8	1928.0	1930.3
165°	1935.2	1934.2	1934.7	1935.6	1936.6	1937.5	1938.5	1940.7	1943.0	1945.2	1947.5
167.5°	1951.0	1950.0	1950.5	1951.4	1952.4	1953.3	1954.3	1956.5	1958.8	1961.0	1963.3
170°	1963.9	1962.9	1963.2	1963.9	1964.5	1965.2	1965.8	1968.0	1970.2	1972.5	1974.7
172.5°	1972.5	1971.5	1971.8	1972.5	1973.1	1973.8	1974.4	1976.6	1978.9	1981.1	1983.4
175°	1978.4	1977.3	1977.6	1978.2	1978.9	1979.5	1980.1	1982.3	1984.6	1986.8	1989.1
177.5°	1981.2	1980.1	1980.3	1980.6	1980.9	1981.3	1981.6	1983.8	1986.0	1988.3	1990.5
180°	1983.0	1983.0	1983.0	1983.0	1983.0	1983.0	1983.0	1983.0	1983.0	1983.0	1983.0

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CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
0°	1327.6	1327.6	1327.6	1327.6	1327.6	1327.6	1327.6	1327.6	1327.6	1327.6	1327.6
2.5°	1265.3	1268.4	1261.2	1259.2	1261.2	1254.1	1256.1	1258.2	1258.2	1261.2	1263.3
5°	1191.8	1187.8	1180.6	1178.6	1176.5	1179.6	1177.6	1180.6	1181.6	1188.8	1189.8
7.5°	1119.4	1113.3	1107.1	1101.0	1099.0	1093.9	1099.0	1099.0	1106.1	1104.1	1109.2
10°	1033.7	1032.7	1024.5	1021.4	1017.4	1009.2	1020.4	1017.4	1022.5	1031.6	1033.7
12.5°	970.4	959.2	964.3	950.0	955.1	946.9	948.0	948.0	956.1	957.1	955.1
15°	910.2	901.0	887.8	881.6	878.6	874.5	887.8	888.8	882.7	896.9	891.8
17.5°	849.0	849.0	836.7	833.7	825.5	829.6	827.6	828.6	826.5	836.7	841.8
20°	795.9	790.8	786.7	787.8	777.6	775.5	773.5	775.5	782.7	789.8	791.8
22.5°	753.1	750.0	739.8	741.8	733.7	736.7	734.7	739.8	740.8	740.8	748.0
25°	712.2	708.2	709.2	705.1	702.0	702.0	699.0	702.0	706.1	708.2	709.2
27.5°	681.6	678.6	673.5	670.4	672.5	667.4	671.4	674.5	674.5	672.5	674.5
30°	644.9	646.9	646.9	636.7	640.8	638.8	641.8	643.9	643.9	644.9	642.9
32.5°	620.4	614.3	613.3	612.2	612.2	608.2	608.2	611.2	612.2	613.3	616.3
35°	587.8	587.8	582.7	585.7	581.6	582.7	581.6	582.7	584.7	581.6	584.7
37.5°	558.2	559.2	557.1	559.2	560.2	558.2	556.1	560.2	558.2	558.2	556.1
40°	532.7	531.6	532.7	532.7	532.7	533.7	531.6	531.6	531.6	529.6	527.6
42.5°	511.2	505.1	507.1	508.2	505.1	505.1	506.1	505.1	508.2	502.0	502.0
45°	480.6	478.6	479.6	479.6	481.6	478.6	480.6	481.6	478.6	477.6	475.5
47.5°	453.1	455.1	453.1	455.1	455.1	457.1	453.1	454.1	455.1	451.0	448.0
50°	425.5	425.5	428.6	427.6	428.6	426.5	426.5	425.5	426.5	424.5	421.4
52.5°	400.0	396.9	402.0	401.0	400.0	399.0	398.0	399.0	396.9	394.9	394.9
55°	368.4	368.4	371.4	372.5	372.5	370.4	368.4	369.4	368.4	367.3	366.3
57.5°	342.9	338.8	340.8	341.8	341.8	338.8	340.8	338.8	338.8	339.8	336.7
60°	310.2	310.2	308.2	311.2	311.2	309.2	309.2	310.2	308.2	307.1	306.1
62.5°	275.5	276.5	279.6	280.6	281.6	279.6	277.6	278.6	278.6	275.5	276.5
65°	245.9	248.0	252.0	251.0	249.0	250.0	248.0	249.0	245.9	246.9	243.9
67.5°	217.3	216.3	217.3	217.3	219.4	218.4	216.3	216.3	215.3	218.4	215.3
70°	186.7	186.7	186.7	186.7	187.8	188.8	186.7	184.7	185.7	183.7	182.7
72.5°	155.1	156.1	155.1	157.1	154.1	156.1	156.1	155.1	154.1	154.1	154.1
75°	125.5	127.6	124.5	125.5	124.5	126.5	125.5	125.5	123.5	122.4	123.5
77.5°	95.9	96.9	94.9	95.9	94.9	95.9	95.9	94.9	94.9	94.9	94.9
80°	68.4	69.4	68.4	67.3	66.3	68.4	66.3	67.3	68.4	67.3	69.4
82.5°	43.9	43.9	42.9	43.9	41.8	41.8	42.9	42.9	41.8	43.9	41.8
85°	21.4	21.4	23.5	21.4	20.4	20.4	20.4	21.4	20.4	22.4	21.4
87.5°	5.1	4.1	5.1	5.1	4.1	4.1	5.1	4.1	5.1	6.1	4.1
90°	35.9	36.2	36.8	37.5	38.1	38.7	38.1	37.5	36.8	36.2	35.9
92.5°	37.3	37.5	37.8	38.1	38.4	38.7	38.4	38.1	37.8	37.5	37.3
95°	63.1	62.9	62.6	62.3	62.0	61.7	62.0	62.3	62.6	62.9	63.1
97.5°	77.5	77.7	78.0	78.3	78.6	78.9	78.6	78.3	78.0	77.7	77.5
100°	93.3	93.6	94.2	94.9	95.5	96.1	95.5	94.9	94.2	93.6	93.3
102.5°	100.4	100.9	101.8	102.8	103.7	104.7	103.7	102.8	101.8	100.9	100.4
105°	103.3	103.9	105.2	106.5	107.8	109.1	107.8	106.5	105.2	103.9	103.3
107.5°	106.2	106.8	108.1	109.4	110.6	111.9	110.6	109.4	108.1	106.8	106.2
110°	107.6	108.2	109.5	110.8	112.1	113.4	112.1	110.8	109.5	108.2	107.6

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CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
112.5°	110.5	111.0	111.9	112.9	113.8	114.8	113.8	112.9	111.9	111.0	110.5
115°	221.0	209.5	186.6	163.6	140.7	117.7	140.7	163.6	186.6	209.5	221.0
117.5°	757.6	715.8	632.3	548.8	465.2	381.7	465.2	548.8	632.3	715.8	757.6
120°	1069.0	1047.5	1004.4	961.4	918.3	875.3	918.3	961.4	1004.4	1047.5	1069.0
122.5°	1145.0	1145.2	1145.5	1145.8	1146.2	1146.5	1146.2	1145.8	1145.5	1145.2	1145.0
125°	1222.5	1223.0	1223.9	1224.9	1225.8	1226.8	1225.8	1224.9	1223.9	1223.0	1222.5
127.5°	1297.1	1297.3	1297.6	1297.9	1298.3	1298.6	1298.3	1297.9	1297.6	1297.3	1297.1
130°	1366.0	1365.8	1365.5	1365.2	1364.9	1364.6	1364.9	1365.2	1365.5	1365.8	1366.0
132.5°	1430.6	1430.4	1430.1	1429.8	1429.4	1429.1	1429.4	1429.8	1430.1	1430.4	1430.6
135°	1493.7	1493.4	1492.7	1492.1	1491.4	1490.8	1491.4	1492.1	1492.7	1493.4	1493.7
137.5°	1552.6	1552.1	1551.1	1550.2	1549.2	1548.2	1549.2	1550.2	1551.1	1552.1	1552.6
140°	1608.5	1607.7	1606.1	1604.5	1602.9	1601.3	1602.9	1604.5	1606.1	1607.7	1608.5
142.5°	1660.2	1659.4	1657.8	1656.2	1654.6	1653.0	1654.6	1656.2	1657.8	1659.4	1660.2
145°	1707.5	1706.7	1705.1	1703.5	1701.9	1700.3	1701.9	1703.5	1705.1	1706.7	1707.5
147.5°	1749.1	1748.5	1747.2	1745.9	1744.7	1743.4	1744.7	1745.9	1747.2	1748.5	1749.1
150°	1789.3	1788.5	1786.9	1785.3	1783.7	1782.1	1783.7	1785.3	1786.9	1788.5	1789.3
152.5°	1825.2	1824.1	1821.8	1819.6	1817.3	1815.1	1817.3	1819.6	1821.8	1824.1	1825.2
155°	1856.7	1855.4	1852.9	1850.4	1847.8	1845.3	1847.8	1850.4	1852.9	1855.4	1856.7
157.5°	1885.4	1884.1	1881.6	1879.1	1876.5	1874.0	1876.5	1879.1	1881.6	1884.1	1885.4
160°	1908.4	1907.3	1905.1	1902.8	1900.6	1898.4	1900.6	1902.8	1905.1	1907.3	1908.4
162.5°	1931.4	1930.0	1927.1	1924.2	1921.3	1918.4	1921.3	1924.2	1927.1	1930.0	1931.4
165°	1948.6	1947.5	1945.2	1943.0	1940.7	1938.5	1940.7	1943.0	1945.2	1947.5	1948.6
167.5°	1964.4	1963.0	1960.1	1957.2	1954.3	1951.4	1954.3	1957.2	1960.1	1963.0	1964.4
170°	1975.8	1974.4	1971.5	1968.6	1965.8	1962.9	1965.8	1968.6	1971.5	1974.4	1975.8
172.5°	1984.5	1983.1	1980.2	1977.3	1974.4	1971.5	1974.4	1977.3	1980.2	1983.1	1984.5
175°	1990.2	1988.6	1985.4	1982.2	1979.0	1975.8	1979.0	1982.2	1985.4	1988.6	1990.2
177.5°	1991.6	1990.2	1987.3	1984.4	1981.6	1978.7	1981.6	1984.4	1987.3	1990.2	1991.6
180°	1983.0	1983.0	1983.0	1983.0	1983.0	1983.0	1983.0	1983.0	1983.0	1983.0	1983.0

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CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
0°	1327.6	1327.6	1327.6	1327.6	1327.6	1327.6	1327.6	1327.6	1327.6	1327.6	1327.6
2.5°	1260.2	1268.4	1265.3	1254.1	1267.4	1267.4	1276.5	1276.5	1287.8	1291.8	1298.0
5°	1188.8	1194.9	1200.0	1194.9	1204.1	1218.4	1226.5	1233.7	1249.0	1255.1	1264.3
7.5°	1112.3	1123.5	1128.6	1128.6	1143.9	1160.2	1176.5	1186.7	1208.2	1216.3	1225.5
10°	1037.8	1051.0	1061.2	1060.2	1085.7	1095.9	1116.3	1139.8	1161.2	1173.5	1186.7
12.5°	959.2	966.3	980.6	1001.0	1007.1	1025.5	1049.0	1078.6	1117.4	1128.6	1148.0
15°	893.9	913.3	924.5	933.7	948.0	965.3	990.8	1019.4	1058.2	1082.7	1103.1
17.5°	838.8	864.3	871.4	869.4	887.8	914.3	943.9	965.3	1000.0	1029.6	1049.0
20°	793.9	804.1	816.3	821.4	835.7	864.3	892.9	917.4	945.9	969.4	991.8
22.5°	749.0	757.1	767.4	776.5	787.8	804.1	831.6	862.3	889.8	912.3	937.8
25°	712.2	717.4	726.5	733.7	745.9	757.1	776.5	810.2	842.9	856.1	878.6
27.5°	676.5	680.6	686.7	694.9	701.0	712.2	729.6	757.1	790.8	804.1	834.7
30°	644.9	648.0	654.1	658.2	661.2	674.5	687.8	709.2	734.7	753.1	775.5
32.5°	615.3	618.4	624.5	625.5	629.6	636.7	649.0	668.4	690.8	706.1	725.5
35°	582.7	584.7	590.8	592.9	595.9	602.0	611.2	625.5	645.9	657.1	674.5
37.5°	557.1	556.1	560.2	563.3	567.4	570.4	573.5	587.8	603.1	613.3	626.5
40°	529.6	527.6	528.6	532.7	534.7	538.8	538.8	553.1	563.3	571.4	581.6
42.5°	502.0	501.0	499.0	501.0	503.1	504.1	505.1	515.3	525.5	532.7	543.9
45°	474.5	473.5	471.4	472.5	472.5	474.5	477.6	481.6	488.8	494.9	501.0
47.5°	449.0	446.9	443.9	442.9	444.9	444.9	444.9	449.0	456.1	458.2	464.3
50°	422.5	419.4	415.3	413.3	413.3	412.2	414.3	415.3	421.4	423.5	428.6
52.5°	393.9	391.8	387.8	383.7	384.7	382.7	383.7	384.7	386.7	389.8	392.9
55°	365.3	361.2	358.2	357.1	354.1	354.1	351.0	355.1	354.1	355.1	359.2
57.5°	337.8	333.7	328.6	326.5	323.5	322.5	320.4	319.4	320.4	323.5	326.5
60°	305.1	303.1	300.0	296.9	294.9	291.8	289.8	289.8	288.8	288.8	289.8
62.5°	273.5	272.5	268.4	267.3	265.3	263.3	260.2	258.2	258.2	260.2	261.2
65°	242.9	241.8	238.8	237.8	232.7	230.6	229.6	228.6	226.5	226.5	226.5
67.5°	214.3	211.2	211.2	206.1	202.0	200.0	198.0	196.9	196.9	196.9	198.0
70°	182.7	182.7	179.6	176.5	172.5	173.5	170.4	167.3	167.3	165.3	166.3
72.5°	152.0	151.0	148.0	146.9	143.9	140.8	138.8	140.8	137.8	136.7	137.8
75°	122.4	121.4	119.4	117.3	118.4	115.3	112.2	111.2	111.2	109.2	109.2
77.5°	93.9	95.9	91.8	90.8	88.8	86.7	85.7	84.7	84.7	84.7	86.7
80°	65.3	66.3	66.3	64.3	65.3	62.2	62.2	62.2	59.2	60.2	61.2
82.5°	41.8	41.8	40.8	41.8	40.8	40.8	39.8	39.8	38.8	38.8	39.8
85°	23.5	22.4	21.4	23.5	22.4	22.4	21.4	21.4	21.4	21.4	21.4
87.5°	5.1	6.1	6.1	6.1	6.1	7.1	7.1	7.1	8.2	8.2	8.2
90°	35.1	33.5	31.9	30.3	28.7	26.1	23.6	21.0	18.5	17.2	15.4
92.5°	37.0	36.3	35.7	35.0	34.4	33.4	32.5	31.5	30.6	30.1	30.7
95°	62.3	60.7	59.2	57.6	56.0	53.8	51.5	49.3	47.0	45.9	51.2
97.5°	77.0	76.1	75.1	74.2	73.2	68.1	63.0	57.9	52.8	50.2	63.3
100°	92.0	89.5	86.9	84.4	81.8	76.4	71.0	65.5	60.1	57.4	79.2
102.5°	98.7	95.2	91.7	88.2	84.7	142.7	200.7	258.8	316.8	345.8	346.1
105°	101.5	98.0	94.5	91.0	87.5	174.6	261.6	348.7	435.8	479.3	474.5
107.5°	104.4	100.9	97.4	93.9	90.4	197.9	305.3	412.8	520.3	574.0	570.0
110°	123.5	155.4	187.3	219.2	251.1	343.3	435.4	527.6	619.7	665.8	662.5

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CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
112.5°	179.2	316.6	454.1	591.5	728.9	734.3	739.7	745.2	750.6	753.3	750.4
115°	294.8	442.4	590.1	737.7	885.3	877.3	869.4	861.4	853.5	849.5	846.8
117.5°	780.4	826.0	871.6	917.2	962.8	957.4	952.0	946.5	941.1	938.4	935.2
120°	1067.1	1063.3	1059.4	1055.6	1051.8	1046.0	1040.3	1034.5	1028.8	1025.9	1023.5
122.5°	1144.0	1142.1	1140.2	1138.3	1136.4	1130.0	1123.6	1117.3	1110.9	1107.7	1105.2
125°	1221.4	1219.2	1216.9	1214.7	1212.5	1206.4	1200.4	1194.3	1188.2	1185.2	1183.1
127.5°	1295.5	1292.3	1289.2	1286.0	1282.8	1278.0	1273.2	1268.5	1263.7	1261.3	1259.1
130°	1364.2	1360.7	1357.2	1353.7	1350.2	1346.7	1343.2	1339.7	1336.2	1334.4	1331.9
132.5°	1429.2	1426.3	1423.4	1420.6	1417.7	1414.2	1410.7	1407.2	1403.7	1401.9	1399.8
135°	1492.1	1488.9	1485.8	1482.6	1479.4	1476.5	1473.7	1470.8	1467.9	1466.5	1463.9
137.5°	1551.0	1547.8	1544.6	1541.4	1538.2	1535.0	1531.8	1528.7	1525.5	1523.9	1522.0
140°	1607.1	1604.2	1601.3	1598.5	1595.6	1592.1	1588.6	1585.1	1581.6	1579.8	1578.5
142.5°	1658.9	1656.4	1653.8	1651.3	1648.7	1644.5	1640.4	1636.2	1632.1	1630.0	1628.9
145°	1706.4	1704.2	1701.9	1699.7	1697.5	1692.1	1686.7	1681.2	1675.8	1673.1	1673.3
147.5°	1748.3	1746.7	1745.2	1743.6	1742.0	1736.6	1731.2	1725.7	1720.3	1717.6	1718.1
150°	1788.3	1786.4	1784.5	1782.6	1780.7	1775.6	1770.5	1765.4	1760.3	1757.7	1758.8
152.5°	1824.2	1822.3	1820.4	1818.5	1816.6	1811.8	1807.0	1802.2	1797.4	1795.0	1796.3
155°	1855.7	1853.8	1851.9	1850.0	1848.1	1844.3	1840.5	1836.6	1832.8	1830.9	1832.3
157.5°	1884.3	1882.1	1879.8	1877.6	1875.4	1872.5	1869.7	1866.8	1863.9	1862.5	1863.8
160°	1907.4	1905.5	1903.6	1901.7	1899.8	1897.9	1896.0	1894.1	1892.2	1891.2	1892.2
162.5°	1930.3	1928.0	1925.8	1923.5	1921.3	1919.7	1918.1	1916.5	1914.9	1914.1	1915.1
165°	1947.5	1945.2	1943.0	1940.7	1938.5	1937.5	1936.6	1935.6	1934.7	1934.2	1935.2
167.5°	1963.3	1961.0	1958.8	1956.5	1954.3	1953.3	1952.4	1951.4	1950.5	1950.0	1951.0
170°	1974.7	1972.5	1970.2	1968.0	1965.8	1965.2	1964.5	1963.9	1963.2	1962.9	1963.9
172.5°	1983.4	1981.1	1978.9	1976.6	1974.4	1973.8	1973.1	1972.5	1971.8	1971.5	1972.5
175°	1989.1	1986.8	1984.6	1982.3	1980.1	1979.5	1978.9	1978.2	1977.6	1977.3	1978.4
177.5°	1990.5	1988.3	1986.0	1983.8	1981.6	1981.3	1980.9	1980.6	1980.3	1980.1	1981.2
180°	1983.0	1983.0	1983.0	1983.0	1983.0	1983.0	1983.0	1983.0	1983.0	1983.0	1983.0

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CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
0°	1327.6	1327.6	1327.6	1327.6
2.5°	1303.1	1303.1	1318.4	1334.7
5°	1274.5	1281.6	1306.1	1328.6
7.5°	1246.9	1259.2	1289.8	1318.4
10°	1213.3	1229.6	1267.4	1301.0
12.5°	1180.6	1195.9	1239.8	1277.6
15°	1134.7	1154.1	1201.0	1248.0
17.5°	1088.8	1108.2	1165.3	1220.4
20°	1034.7	1060.2	1124.5	1198.0
22.5°	984.7	1016.3	1087.8	1146.9
25°	929.6	978.6	1044.9	1121.4
27.5°	880.6	929.6	996.9	1074.5
30°	825.5	875.5	944.9	1016.3
32.5°	772.5	818.4	885.7	973.5
35°	717.4	761.2	826.5	915.3
37.5°	667.4	710.2	781.6	863.3
40°	618.4	663.3	724.5	806.1
42.5°	572.5	612.2	667.4	749.0
45°	530.6	559.2	610.2	686.7
47.5°	486.7	512.2	559.2	635.7
50°	445.9	467.3	508.2	579.6
52.5°	406.1	424.5	462.2	519.4
55°	370.4	387.8	415.3	471.4
57.5°	333.7	346.9	373.5	418.4
60°	298.0	310.2	331.6	368.4
62.5°	262.2	272.5	292.9	322.5
65°	230.6	238.8	254.1	279.6
67.5°	200.0	205.1	217.3	237.8
70°	170.4	174.5	184.7	201.0
72.5°	138.8	142.9	154.1	165.3
75°	112.2	113.3	121.4	130.6
77.5°	87.8	86.7	92.9	100.0
80°	60.2	63.3	68.4	71.4
82.5°	40.8	41.8	43.9	45.9
85°	22.4	23.5	23.5	26.5
87.5°	9.2	10.2	10.2	11.2
90°	11.9	8.4	4.9	1.4
92.5°	32.0	33.3	34.6	35.9
95°	61.7	72.2	82.8	93.3
97.5°	89.4	115.6	141.7	167.9
100°	122.9	166.6	210.3	254.0
102.5°	346.8	347.4	348.1	348.7
105°	464.9	455.4	445.8	436.2
107.5°	562.0	554.1	546.1	538.1
110°	655.8	649.1	642.4	635.7



TEST NUMBER: P1029633

CATALOG NUMBER: S122DIW-B675D1440UB2750-4F0-XX-W2A-A_4000K

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
112.5°	744.7	739.0	733.2	727.5
115°	841.4	835.9	830.5	825.1
117.5°	928.8	922.5	916.1	909.7
120°	1018.7	1014.0	1009.2	1004.4
122.5°	1100.1	1095.0	1089.9	1084.8
125°	1179.0	1174.9	1170.7	1166.6
127.5°	1254.6	1250.1	1245.7	1241.2
130°	1326.8	1321.7	1316.6	1311.5
132.5°	1395.7	1391.5	1387.4	1383.2
135°	1458.8	1453.7	1448.6	1443.5
137.5°	1518.1	1514.3	1510.4	1506.6
140°	1576.0	1573.4	1570.9	1568.3
142.5°	1626.7	1624.4	1622.2	1620.0
145°	1673.6	1673.9	1674.2	1674.5
147.5°	1719.0	1720.0	1720.9	1721.9
150°	1761.1	1763.3	1765.6	1767.8
152.5°	1798.8	1801.4	1803.9	1806.5
155°	1835.2	1838.1	1840.9	1843.8
157.5°	1866.3	1868.9	1871.4	1874.0
160°	1894.1	1896.0	1897.9	1899.8
162.5°	1917.0	1918.9	1920.9	1922.8
165°	1937.1	1939.0	1940.9	1942.8
167.5°	1952.9	1954.8	1956.7	1958.6
170°	1965.8	1967.7	1969.6	1971.5
172.5°	1974.4	1976.3	1978.2	1980.1
175°	1980.6	1982.9	1985.1	1987.3
177.5°	1983.5	1985.7	1988.0	1990.2
180°	1983.0	1983.0	1983.0	1983.0

(END OF REPORT)