

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: P1032782

Luminaire Tested: S124DIW-B795D1340UB2750-4F0-XX-W2A-A_3500K

Issue Date: 5/7/2025

Test Information

Test Method: LM-79-2019
Report Number: P1032782
REPORT IS A COMBINATION OF REPORTS P998018 AND P1007351
Test Lab: INNOVATION CENTER
Issue Date: 5/7/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: NEO-RAY
Catalog Number: S124DIW-B795D1340UB2750-4F0-XX-W2A-A_3500K
Description: Define 4 Direct/Indirect Wall Mount with 3500K BioUP LEDs {m-DER=0.721} {m-EER=0.792}
Light Source: -
Ballast/Driver: -

Summary

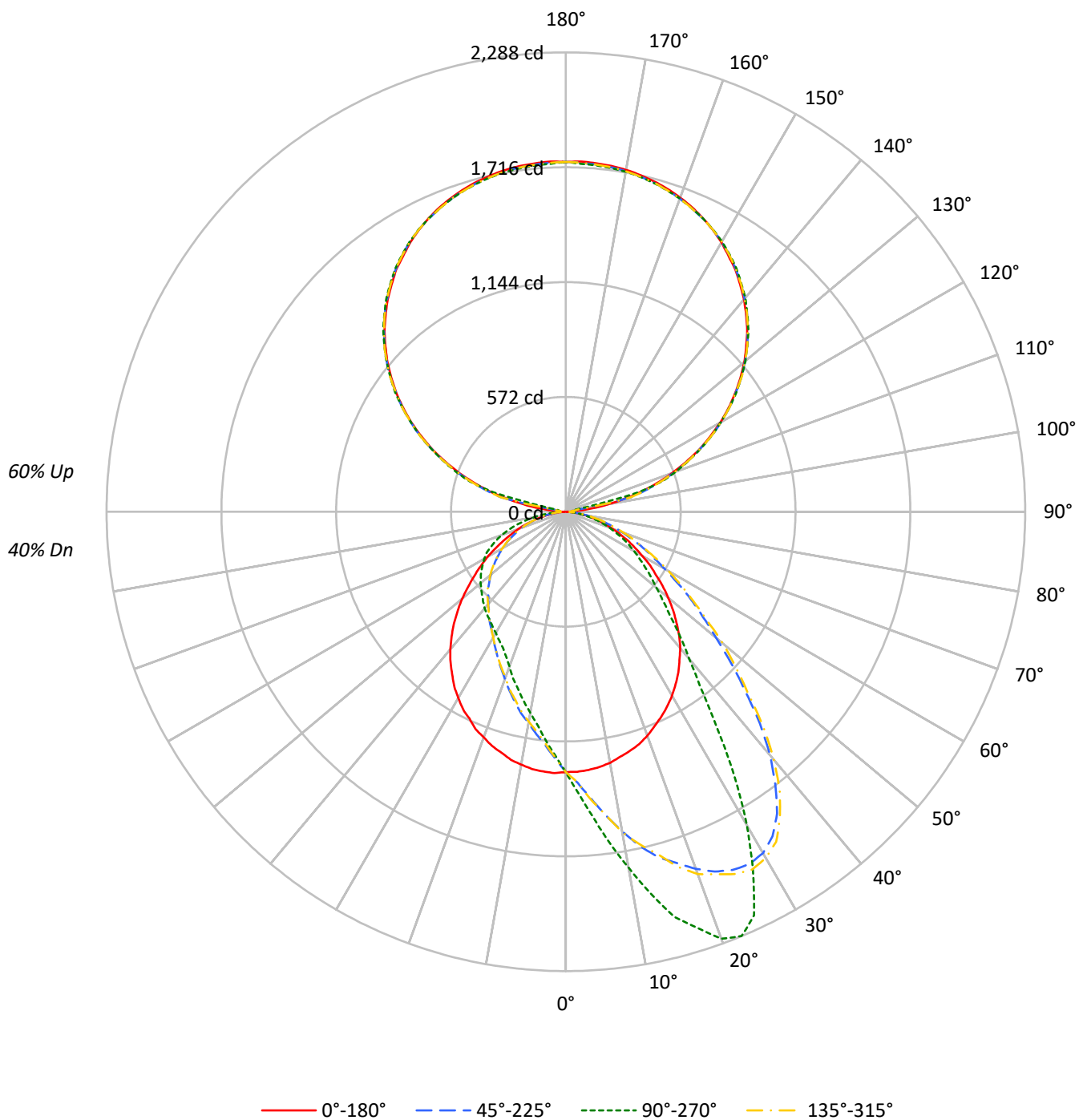
Lumens per Lamp: N/A
Luminaire Lumens: 8972.1 lumens
Efficiency: N/A
Efficacy: 115.0 lumens/watt
Spacing Criteria (0/90/45): 1.22 / 1.3 / 1.41
Luminous Opening: Rectangular w/ Sides (W: 0.33' x L: 4' x H: 0.1')
CIE Type: Semi-Indirect

Input Watts (W): 78
Input Voltage (V):
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT

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Luminous Intensity Polar Plot



TEST NUMBER: P1032782

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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	105	105	105	105	95	95	95	95	78	78	78	62	62	62	47	47	47	47	47	40
1	96	91	88	84	87	83	80	77	68	66	64	54	53	52	42	41	40	40	40	34
2	87	80	74	69	79	73	68	64	60	56	53	48	46	43	37	35	34	34	34	29
3	80	71	63	58	72	64	58	53	53	49	45	43	39	37	33	31	29	29	29	25
4	73	62	55	49	66	57	51	45	47	42	38	38	35	32	29	27	25	25	25	21
5	67	56	48	42	61	51	44	39	42	37	33	34	30	28	27	24	22	22	22	19
6	62	50	42	36	56	46	39	34	38	33	29	31	27	24	24	21	19	19	19	16
7	57	45	37	32	52	41	35	30	35	29	26	28	24	21	22	19	17	17	17	15
8	53	41	33	28	48	38	31	26	31	26	23	26	22	19	20	18	16	16	16	13
9	49	37	30	25	45	34	28	23	29	24	20	24	20	17	19	16	14	14	14	12
10	46	34	27	22	42	32	25	21	27	22	18	22	18	15	17	15	13	13	13	11

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	10571	10571	10571	10571
5°	10544	12126	10605	9112
10°	10465	14149	10545	7995
15°	10339	16310	10411	7153
20°	10205	17686	10279	6413
25°	10010	17484	10106	5868
30°	9819	14451	9938	5586
35°	9551	10769	9656	5415
40°	9238	8112	9327	5332
45°	8760	6511	8869	5218
50°	8190	5485	8309	5165
55°	7518	4774	7636	5104
60°	6867	4204	7067	5019
65°	6254	3617	6313	4810
70°	5535	2977	5656	4429
75°	4827	2287	4798	3763
80°	3800	1503	3755	2857
85°	2503	675	2343	1666

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 145°

Vertical Angle: 45°

Luminance: 13668 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	126.2	1.4
10°-20°	389.4	4.3
20°-30°	618.6	6.9
30°-40°	687.4	7.7
40°-50°	625.1	7.0
50°-60°	510.8	5.7
60°-70°	364.6	4.1
70°-80°	200.7	2.2
80°-90°	57.8	0.6
90°-100°	57.8	0.6
100°-110°	380.9	4.2
110°-120°	727.3	8.1
120°-130°	923.3	10.3
130°-140°	987.7	11.0
140°-150°	923.6	10.3
150°-160°	744.8	8.3
160°-170°	480.4	5.4
170°-180°	165.5	1.8
0°-30°	1134.2	12.6
0°-40°	1821.6	20.3
0°-60°	2957.5	33.0
0°-90°	3580.6	39.9
90°-120°	1166.1	13.0
90°-150°	4000.7	44.6
90°-180°	5391.0	60.1
0°-180°	8972.1	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1296	1296	1296	1296	1296	
5°	1291	1521	1298	1143	1291	123
15°	1233	2089	1242	916	1233	348
25°	1126	2218	1136	744	1126	519
35°	976	1311	987	659	976	610
45°	779	736	788	590	779	600
55°	548	481	556	514	548	493
65°	342	309	345	411	342	337
75°	168	155	166	254	168	176
85°	34	32	32	80	34	40
90°	4	39	4	39	4	6
95°	72	38	72	38	72	88
105°	392	371	392	371	392	411
115°	732	738	732	738	732	721
125°	1030	1037	1030	1037	1030	919
135°	1277	1286	1277	1286	1277	984
145°	1473	1480	1473	1480	1473	920
155°	1615	1613	1615	1613	1615	744
165°	1703	1695	1703	1695	1703	481
175°	1742	1732	1742	1732	1742	166
180°	1742	1742	1742	1742	1742	

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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	1296.3	1296.3	1296.3	1296.3	1296.3	1296.3	1296.3	1296.3	1296.3	1296.3	1296.3
2.5°	1296.3	1309.2	1314.5	1318.8	1332.8	1337.1	1338.2	1344.6	1350.0	1351.1	1351.1
5°	1290.9	1311.3	1327.4	1342.5	1365.0	1374.7	1386.5	1399.4	1416.6	1427.3	1432.7
7.5°	1282.3	1312.4	1337.1	1362.9	1394.0	1413.3	1424.1	1458.5	1482.1	1501.4	1525.0
10°	1269.4	1308.1	1343.5	1381.1	1425.2	1448.8	1472.4	1514.3	1547.6	1585.2	1615.3
12.5°	1250.1	1300.6	1343.5	1396.2	1450.9	1478.9	1506.8	1579.8	1618.5	1651.8	1705.5
15°	1232.9	1283.4	1344.6	1398.3	1466.0	1507.9	1548.7	1595.9	1657.1	1729.1	1780.6
17.5°	1213.6	1277.0	1333.9	1409.1	1484.2	1524.0	1557.3	1630.3	1716.2	1787.1	1834.3
20°	1186.7	1251.2	1326.4	1405.8	1495.0	1526.1	1570.1	1667.9	1745.2	1815.0	1892.3
22.5°	1155.6	1230.8	1310.2	1386.5	1478.9	1544.4	1592.7	1678.6	1772.1	1852.6	1939.6
25°	1125.5	1207.1	1277.0	1381.1	1478.9	1522.9	1577.7	1679.7	1781.7	1879.4	1968.6
27.5°	1093.3	1169.6	1264.1	1346.8	1457.4	1505.7	1564.8	1676.5	1784.9	1882.7	1978.3
30°	1057.9	1139.5	1217.9	1315.6	1423.0	1485.3	1540.1	1661.4	1772.1	1874.1	1963.2
32.5°	1018.1	1095.5	1179.2	1271.6	1384.3	1447.7	1516.4	1641.0	1759.2	1847.2	1916.0
35°	976.2	1054.6	1127.7	1222.2	1338.2	1401.5	1468.1	1605.6	1722.6	1794.6	1834.3
37.5°	930.1	1004.2	1076.1	1169.6	1285.5	1353.2	1420.9	1554.0	1664.7	1724.8	1714.1
40°	886.0	952.6	1019.2	1107.3	1228.6	1300.6	1359.6	1493.9	1590.6	1616.3	1580.9
42.5°	835.5	892.5	956.9	1047.1	1165.3	1232.9	1307.0	1429.5	1501.4	1490.7	1430.5
45°	778.6	829.1	893.5	978.4	1098.7	1168.5	1230.8	1346.8	1399.4	1372.5	1263.0
47.5°	723.9	773.3	825.9	910.7	1027.8	1086.9	1150.2	1254.4	1284.5	1227.5	1118.0
50°	664.8	705.6	760.4	840.9	950.5	1012.8	1065.4	1149.1	1159.9	1090.1	976.2
52.5°	607.9	642.2	694.9	774.3	876.4	925.8	977.3	1051.4	1042.8	970.9	861.3
55°	547.7	579.9	628.3	701.3	791.5	838.8	882.8	948.3	930.1	856.0	760.4
57.5°	497.2	519.8	567.1	634.7	708.8	760.4	798.0	849.5	821.6	747.5	658.3
60°	439.3	467.2	506.9	561.7	634.7	669.1	702.4	736.7	717.4	646.5	567.1
62.5°	386.6	408.1	442.5	495.1	552.0	583.2	618.6	640.1	620.8	555.2	488.7
65°	341.5	358.7	385.6	428.5	483.3	509.1	529.5	549.9	533.8	472.5	424.2
67.5°	292.1	307.2	329.7	364.1	410.3	428.5	447.8	461.8	443.6	402.7	355.5
70°	248.1	258.8	280.3	306.1	338.3	355.5	371.6	385.6	369.4	335.1	299.6
72.5°	203.0	211.6	230.9	249.2	278.2	290.0	301.8	312.5	307.2	274.9	245.9
75°	167.5	170.8	183.6	198.7	216.9	229.8	238.4	244.9	240.6	214.8	196.5
77.5°	126.7	131.0	140.7	152.5	168.6	176.1	181.5	187.9	182.6	162.2	149.3
80°	92.4	93.4	98.8	109.5	120.3	121.4	126.7	135.3	132.1	118.1	108.5
82.5°	59.1	62.3	64.4	70.9	78.4	80.5	83.8	85.9	84.8	76.3	73.0
85°	34.4	34.4	36.5	40.8	43.0	46.2	47.3	48.3	50.5	45.1	41.9
87.5°	15.0	16.1	16.1	17.2	19.3	19.3	20.4	21.5	22.6	21.5	18.3
90°	3.9	7.1	10.3	13.4	16.6	18.2	19.4	21.7	24.0	26.4	28.7
92.5°	19.5	18.9	18.3	17.8	17.2	16.9	18.1	20.4	22.7	25.1	27.4
95°	71.7	61.9	52.0	42.2	32.3	27.4	27.5	27.8	28.1	28.4	28.7
97.5°	136.8	143.2	149.6	155.9	162.3	165.5	150.3	119.9	89.5	59.1	28.7
100°	213.7	218.9	224.1	229.4	234.6	237.2	217.2	177.2	137.3	97.3	57.3
102.5°	299.7	303.2	306.7	310.2	313.7	315.4	317.1	320.6	324.1	327.5	331.0
105°	392.3	394.0	395.8	397.5	399.2	400.1	400.8	402.3	403.7	405.2	406.6
107.5°	477.0	477.9	478.7	479.6	480.5	480.9	481.9	483.9	486.0	488.0	490.0
110°	563.0	563.9	564.7	565.6	566.5	566.9	567.8	569.5	571.2	573.0	574.7

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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	646.4	648.1	649.9	651.6	653.3	654.2	654.5	655.1	655.6	656.2	656.8
115°	732.4	733.3	734.1	735.0	735.9	736.3	736.2	735.9	735.6	735.3	735.0
117.5°	809.3	810.5	811.6	812.8	813.9	814.5	814.9	815.8	816.7	817.5	818.4
120°	887.5	888.7	889.8	891.0	892.1	892.7	892.6	892.3	892.0	891.7	891.4
122.5°	960.4	961.0	961.6	962.1	962.7	963.0	963.3	963.9	964.4	965.0	965.6
125°	1029.5	1030.7	1031.8	1033.0	1034.1	1034.7	1034.4	1033.8	1033.3	1032.7	1032.1
127.5°	1096.0	1096.3	1096.6	1096.9	1097.2	1097.3	1098.0	1099.5	1100.9	1102.4	1103.8
130°	1159.8	1160.1	1160.4	1160.7	1161.0	1161.1	1161.5	1162.4	1163.3	1164.1	1165.0
132.5°	1218.5	1219.1	1219.7	1220.2	1220.8	1221.1	1221.7	1222.8	1224.0	1225.1	1226.3
135°	1277.1	1276.8	1276.5	1276.2	1275.9	1275.8	1276.4	1277.5	1278.7	1279.8	1281.0
137.5°	1329.2	1329.2	1329.2	1329.2	1329.2	1329.2	1329.9	1331.4	1332.8	1334.3	1335.7
140°	1380.1	1380.7	1381.3	1381.8	1382.4	1382.7	1383.0	1383.6	1384.1	1384.7	1385.3
142.5°	1425.7	1426.9	1428.0	1429.2	1430.3	1430.9	1431.0	1431.3	1431.6	1431.9	1432.2
145°	1472.6	1473.5	1474.3	1475.2	1476.1	1476.5	1476.5	1476.5	1476.5	1476.5	1476.5
147.5°	1509.1	1510.8	1512.6	1514.3	1516.0	1516.9	1516.8	1516.5	1516.2	1515.9	1515.6
150°	1549.5	1550.7	1551.8	1553.0	1554.1	1554.7	1554.6	1554.3	1554.0	1553.7	1553.4
152.5°	1583.3	1584.2	1585.1	1586.0	1586.9	1587.3	1587.0	1586.4	1585.9	1585.3	1584.7
155°	1614.6	1614.9	1615.2	1615.5	1615.8	1615.9	1615.5	1614.6	1613.7	1612.9	1612.0
157.5°	1642.0	1642.0	1642.0	1642.0	1642.0	1642.0	1641.4	1640.3	1639.1	1638.0	1636.8
160°	1665.4	1664.5	1663.7	1662.8	1661.9	1661.5	1661.4	1661.1	1660.8	1660.5	1660.2
162.5°	1686.3	1685.1	1684.0	1682.8	1681.7	1681.1	1681.0	1680.7	1680.4	1680.1	1679.8
165°	1703.2	1701.8	1700.3	1698.9	1697.4	1696.7	1696.7	1696.7	1696.7	1696.7	1696.7
167.5°	1717.6	1716.2	1714.7	1713.3	1711.8	1711.1	1711.0	1710.7	1710.4	1710.1	1709.8
170°	1729.3	1727.6	1725.8	1724.1	1722.4	1721.5	1721.6	1721.9	1722.2	1722.5	1722.8
172.5°	1737.1	1735.4	1733.6	1731.9	1730.2	1729.3	1729.4	1729.7	1730.0	1730.3	1730.6
175°	1742.3	1740.6	1738.8	1737.1	1735.4	1734.5	1734.6	1734.9	1735.2	1735.5	1735.8
177.5°	1746.2	1744.2	1742.2	1740.1	1738.1	1737.1	1737.4	1738.0	1738.5	1739.1	1739.7
180°	1742.3	1742.3	1742.3	1742.3	1742.3	1742.3	1742.3	1742.3	1742.3	1742.3	1742.3

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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	1296.3	1296.3	1296.3	1296.3	1296.3	1296.3	1296.3	1296.3	1296.3	1296.3	1296.3
2.5°	1354.3	1373.6	1382.2	1384.3	1396.2	1388.6	1391.9	1390.8	1399.4	1400.5	1400.5
5°	1453.1	1475.6	1483.2	1493.9	1510.0	1514.3	1511.1	1517.5	1529.3	1520.7	1533.6
7.5°	1557.3	1582.0	1599.1	1622.8	1628.1	1642.1	1650.7	1658.2	1660.4	1661.4	1663.6
10°	1653.9	1685.1	1708.7	1748.4	1757.0	1764.5	1802.1	1787.1	1806.4	1800.0	1802.1
12.5°	1732.3	1793.5	1812.9	1879.4	1885.9	1911.7	1909.5	1933.1	1937.4	1946.0	1937.4
15°	1835.4	1906.3	1937.4	1975.0	1996.5	2026.6	2032.0	2064.2	2077.1	2088.9	2077.1
17.5°	1929.9	1967.5	2047.0	2077.1	2091.0	2107.1	2147.9	2159.8	2179.1	2171.6	2193.0
20°	1977.2	2030.9	2114.6	2166.2	2187.7	2202.7	2237.1	2255.3	2262.9	2262.9	2265.0
22.5°	2019.1	2096.4	2158.7	2217.8	2237.1	2247.8	2268.2	2282.2	2285.4	2287.6	2289.7
25°	2056.7	2126.5	2176.9	2210.2	2217.8	2217.8	2229.6	2221.0	2207.0	2217.8	2224.2
27.5°	2056.7	2106.1	2128.6	2140.4	2140.4	2111.4	2094.2	2058.8	2028.7	2020.1	2039.5
30°	2022.3	2044.8	2013.7	1984.7	1962.1	1942.8	1875.2	1821.5	1810.7	1803.2	1832.2
32.5°	1942.8	1913.8	1852.6	1768.8	1735.5	1691.5	1638.9	1598.1	1573.4	1564.8	1558.3
35°	1802.1	1726.9	1647.5	1534.7	1511.1	1455.2	1383.3	1353.2	1312.4	1311.3	1325.3
37.5°	1648.5	1532.6	1446.6	1339.2	1305.9	1246.9	1179.2	1148.1	1120.2	1098.7	1124.4
40°	1469.2	1368.2	1237.2	1149.1	1101.9	1070.7	1013.8	979.5	966.6	955.8	971.9
42.5°	1301.7	1191.0	1089.0	998.8	960.1	924.7	887.1	853.8	844.1	843.1	854.9
45°	1135.2	1026.7	932.2	854.9	830.2	808.7	772.2	762.5	746.4	735.7	741.0
47.5°	1002.0	890.3	811.9	752.9	731.4	713.1	689.5	673.4	659.4	655.1	661.6
50°	871.0	795.8	715.3	665.9	649.8	632.6	614.3	599.3	592.8	588.5	592.8
52.5°	765.7	685.2	630.4	590.7	574.6	561.7	548.8	542.4	533.8	535.9	540.2
55°	671.2	600.3	554.2	525.2	515.5	510.1	494.0	486.5	483.3	481.1	483.3
57.5°	582.1	530.5	496.2	471.5	458.6	455.4	442.5	442.5	439.3	436.0	437.1
60°	511.2	467.2	433.9	414.6	412.4	407.0	398.4	397.4	389.9	393.1	394.1
62.5°	439.3	403.8	381.3	369.4	361.9	359.8	354.4	353.3	350.1	351.2	349.0
65°	382.3	353.3	330.8	321.1	317.9	316.8	312.5	309.3	307.2	309.3	307.2
67.5°	325.4	306.1	288.9	279.2	274.9	273.9	270.6	268.5	269.6	266.3	268.5
70°	271.7	252.4	241.6	236.3	234.1	230.9	230.9	230.9	230.9	228.8	227.7
72.5°	228.8	209.4	201.9	198.7	196.5	195.5	192.2	193.3	192.2	191.2	195.5
75°	181.5	169.7	162.2	158.9	161.1	157.9	154.7	156.8	153.6	154.7	158.9
77.5°	137.5	132.1	127.8	125.7	123.5	121.4	121.4	119.2	119.2	119.2	119.2
80°	99.9	98.8	91.3	90.2	90.2	88.1	88.1	88.1	88.1	87.0	88.1
82.5°	66.6	65.5	63.4	62.3	60.1	61.2	61.2	59.1	59.1	58.0	59.1
85°	38.7	38.7	36.5	35.4	34.4	35.4	33.3	32.2	33.3	32.2	33.3
87.5°	18.3	16.1	17.2	16.1	14.0	15.0	12.9	14.0	12.9	11.8	14.0
90°	30.4	32.2	33.9	35.6	36.5	36.8	37.4	37.9	38.5	39.1	38.5
92.5°	29.1	30.9	32.6	34.3	35.2	35.2	35.2	35.2	35.2	35.2	35.2
95°	30.4	32.2	33.9	35.6	36.5	36.6	36.9	37.2	37.5	37.8	37.5
97.5°	30.1	31.6	33.0	34.5	35.2	35.3	35.6	35.9	36.2	36.5	36.2
100°	52.4	47.5	42.6	37.7	35.2	35.3	35.6	35.9	36.2	36.5	36.2
102.5°	265.8	200.7	135.5	70.4	37.8	37.8	37.8	37.8	37.8	37.8	37.8
105°	409.2	411.8	414.4	417.0	418.3	413.1	402.7	392.2	381.8	371.4	381.8
107.5°	491.4	492.9	494.3	495.8	496.5	497.1	498.2	499.4	500.5	501.7	500.5
110°	575.3	575.9	576.4	577.0	577.3	577.7	578.6	579.5	580.3	581.2	580.3

TEST NUMBER: P1032782

CATALOG NUMBER: S124DIW-B795D1340UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	656.5	656.2	655.9	655.6	655.5	656.1	657.2	658.4	659.5	660.7	659.5
115°	735.6	736.2	736.7	737.3	737.6	737.6	737.6	737.6	737.6	737.6	737.6
117.5°	818.1	817.8	817.5	817.2	817.1	817.1	817.1	817.1	817.1	817.1	817.1
120°	892.0	892.6	893.1	893.7	894.0	893.7	893.1	892.6	892.0	891.4	892.0
122.5°	965.9	966.2	966.5	966.8	967.0	966.7	966.1	965.5	964.9	964.3	964.9
125°	1033.0	1033.8	1034.7	1035.6	1036.0	1036.1	1036.4	1036.7	1037.0	1037.3	1037.0
127.5°	1103.5	1103.2	1102.9	1102.6	1102.5	1102.4	1102.1	1101.8	1101.5	1101.2	1101.5
130°	1165.3	1165.6	1165.9	1166.2	1166.3	1166.3	1166.3	1166.3	1166.3	1166.3	1166.3
132.5°	1226.6	1226.9	1227.2	1227.5	1227.6	1227.5	1227.2	1226.9	1226.6	1226.3	1226.6
135°	1281.6	1282.2	1282.7	1283.3	1283.6	1283.9	1284.5	1285.0	1285.6	1286.2	1285.6
137.5°	1336.3	1336.9	1337.5	1338.1	1338.4	1338.3	1338.0	1337.7	1337.4	1337.1	1337.4
140°	1386.2	1387.0	1387.9	1388.8	1389.2	1389.3	1389.6	1389.9	1390.2	1390.5	1390.2
142.5°	1432.8	1433.4	1433.9	1434.5	1434.8	1434.8	1434.8	1434.8	1434.8	1434.8	1434.8
145°	1476.8	1477.1	1477.4	1477.7	1477.8	1478.1	1478.7	1479.2	1479.8	1480.4	1479.8
147.5°	1515.9	1516.2	1516.5	1516.8	1516.9	1517.0	1517.3	1517.6	1517.9	1518.2	1517.9
150°	1553.4	1553.4	1553.4	1553.4	1553.4	1553.5	1553.8	1554.1	1554.4	1554.7	1554.4
152.5°	1585.3	1585.9	1586.4	1587.0	1587.3	1587.2	1586.9	1586.6	1586.3	1586.0	1586.3
155°	1613.2	1614.3	1615.5	1616.6	1617.2	1616.8	1615.9	1615.0	1614.2	1613.3	1614.2
157.5°	1638.2	1639.7	1641.1	1642.6	1643.3	1642.6	1641.1	1639.7	1638.2	1636.8	1638.2
160°	1662.0	1663.7	1665.5	1667.2	1668.1	1667.2	1665.5	1663.7	1662.0	1660.2	1662.0
162.5°	1681.5	1683.3	1685.0	1686.7	1687.6	1686.6	1684.6	1682.5	1680.5	1678.5	1680.5
165°	1699.0	1701.4	1703.7	1706.0	1707.2	1705.9	1703.3	1700.6	1698.0	1695.4	1698.0
167.5°	1712.4	1715.0	1717.6	1720.2	1721.5	1720.1	1717.2	1714.3	1711.4	1708.5	1711.4
170°	1725.1	1727.4	1729.7	1732.0	1733.2	1731.8	1728.9	1726.0	1723.1	1720.2	1723.1
172.5°	1732.9	1735.2	1737.5	1739.8	1741.0	1739.4	1736.2	1733.1	1729.9	1726.7	1729.9
175°	1738.4	1741.0	1743.6	1746.2	1747.5	1745.8	1742.3	1738.8	1735.4	1731.9	1735.4
177.5°	1742.0	1744.4	1746.7	1749.0	1750.2	1748.5	1745.0	1741.5	1738.0	1734.5	1738.0
180°	1742.3	1742.3	1742.3	1742.3	1742.3	1742.3	1742.3	1742.3	1742.3	1742.3	1742.3

TEST NUMBER: P1032782

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CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	1296.3	1296.3	1296.3	1296.3	1296.3	1296.3	1296.3	1296.3	1296.3	1296.3	1296.3
2.5°	1398.3	1395.1	1390.8	1390.8	1385.4	1385.4	1376.8	1361.8	1348.9	1344.6	1346.8
5°	1517.5	1518.6	1512.2	1506.8	1497.1	1489.6	1475.6	1448.8	1440.2	1423.0	1411.2
7.5°	1653.9	1649.6	1637.8	1629.2	1627.1	1609.9	1579.8	1547.6	1521.8	1504.6	1479.9
10°	1807.5	1790.3	1773.1	1767.8	1754.9	1725.9	1691.5	1656.1	1620.6	1583.0	1541.1
12.5°	1936.4	1903.1	1902.0	1889.1	1864.4	1848.3	1807.5	1757.0	1695.8	1653.9	1606.7
15°	2074.9	2043.8	2018.0	1994.4	1982.6	1935.3	1900.9	1837.6	1764.5	1719.4	1687.2
17.5°	2173.7	2159.8	2115.7	2105.0	2088.9	2034.1	1979.3	1917.0	1853.7	1790.3	1703.3
20°	2253.2	2244.6	2215.6	2200.6	2174.8	2131.8	2065.2	1993.3	1920.3	1830.0	1748.4
22.5°	2287.6	2276.8	2253.2	2240.3	2224.2	2187.7	2130.8	2049.1	1953.6	1873.0	1786.0
25°	2219.9	2239.2	2232.8	2227.4	2221.0	2199.5	2156.5	2084.6	1991.1	1899.9	1791.4
27.5°	2067.4	2100.7	2132.9	2137.2	2147.9	2156.5	2139.4	2087.8	2009.4	1912.7	1793.5
30°	1862.3	1877.3	1942.8	1962.1	1977.2	2032.0	2064.2	2051.3	1991.1	1904.2	1794.6
32.5°	1599.1	1638.9	1705.5	1751.6	1792.5	1853.7	1937.4	1970.7	1949.3	1878.4	1769.9
35°	1350.0	1397.2	1474.6	1533.6	1574.4	1661.4	1760.2	1832.2	1859.0	1823.6	1726.9
37.5°	1145.9	1202.8	1271.6	1294.1	1341.4	1448.8	1585.2	1685.1	1750.6	1753.8	1678.6
40°	992.3	1021.3	1076.1	1110.5	1156.7	1246.9	1380.1	1512.2	1611.0	1644.2	1604.5
42.5°	862.4	885.0	925.8	967.6	1009.5	1078.3	1200.7	1324.2	1457.4	1524.0	1522.9
45°	759.3	782.9	810.8	845.2	874.2	948.3	1045.0	1171.7	1286.6	1389.7	1415.5
47.5°	669.1	689.5	723.9	738.9	758.2	828.0	911.8	1029.9	1149.1	1267.3	1297.4
50°	602.5	619.7	643.3	653.0	674.5	726.0	794.7	890.3	1022.4	1130.9	1186.7
52.5°	542.4	555.2	573.5	581.0	596.1	634.7	697.0	772.2	881.7	993.4	1071.8
55°	490.8	499.4	512.3	520.9	531.6	566.0	612.2	679.8	774.3	871.0	947.2
57.5°	442.5	448.9	461.8	466.1	474.7	501.5	533.8	590.7	677.7	763.6	837.7
60°	397.4	401.7	409.2	418.8	425.3	443.6	473.6	520.9	590.7	669.1	729.2
62.5°	354.4	360.9	363.0	367.3	372.7	389.9	413.5	447.8	509.1	573.5	636.9
65°	310.4	315.7	320.0	321.1	326.5	339.4	360.9	390.9	430.7	486.5	545.6
67.5°	269.6	272.8	274.9	279.2	284.6	291.0	308.2	330.8	367.3	412.4	459.7
70°	232.0	232.0	235.2	236.3	242.7	250.2	257.8	279.2	311.5	348.0	380.2
72.5°	191.2	196.5	195.5	200.8	199.8	205.1	214.8	228.8	252.4	281.4	312.5
75°	155.7	158.9	158.9	158.9	161.1	165.4	170.8	183.6	201.9	225.5	243.8
77.5°	121.4	123.5	123.5	123.5	124.6	128.9	134.2	142.8	155.7	169.7	180.4
80°	87.0	89.1	89.1	91.3	91.3	92.4	97.7	102.0	108.5	119.2	130.0
82.5°	59.1	60.1	62.3	62.3	61.2	63.4	64.4	68.7	75.2	77.3	84.8
85°	32.2	33.3	34.4	34.4	35.4	37.6	36.5	40.8	40.8	45.1	47.3
87.5°	12.9	15.0	15.0	14.0	15.0	15.0	15.0	17.2	18.3	19.3	18.3
90°	37.9	37.4	36.8	36.5	35.6	33.9	32.2	30.4	28.7	26.4	24.0
92.5°	35.2	35.2	35.2	35.2	34.3	32.6	30.9	29.1	27.4	25.1	22.7
95°	37.2	36.9	36.6	36.5	35.6	33.9	32.2	30.4	28.7	28.4	28.1
97.5°	35.9	35.6	35.3	35.2	34.5	33.0	31.6	30.1	28.7	59.1	89.5
100°	35.9	35.6	35.3	35.2	37.7	42.6	47.5	52.4	57.3	97.3	137.3
102.5°	37.8	37.8	37.8	37.8	70.4	135.5	200.7	265.8	331.0	327.5	324.1
105°	392.2	402.7	413.1	418.3	417.0	414.4	411.8	409.2	406.6	405.2	403.7
107.5°	499.4	498.2	497.1	496.5	495.8	494.3	492.9	491.4	490.0	488.0	486.0
110°	579.5	578.6	577.7	577.3	577.0	576.4	575.9	575.3	574.7	573.0	571.2

TEST NUMBER: P1032782

CATALOG NUMBER: S124DIW-B795D1340UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	658.4	657.2	656.1	655.5	655.6	655.9	656.2	656.5	656.8	656.2	655.6
115°	737.6	737.6	737.6	737.6	737.3	736.7	736.2	735.6	735.0	735.3	735.6
117.5°	817.1	817.1	817.1	817.1	817.2	817.5	817.8	818.1	818.4	817.5	816.7
120°	892.6	893.1	893.7	894.0	893.7	893.1	892.6	892.0	891.4	891.7	892.0
122.5°	965.5	966.1	966.7	967.0	966.8	966.5	966.2	965.9	965.6	965.0	964.4
125°	1036.7	1036.4	1036.1	1036.0	1035.6	1034.7	1033.8	1033.0	1032.1	1032.7	1033.3
127.5°	1101.8	1102.1	1102.4	1102.5	1102.6	1102.9	1103.2	1103.5	1103.8	1102.4	1100.9
130°	1166.3	1166.3	1166.3	1166.3	1166.2	1165.9	1165.6	1165.3	1165.0	1164.1	1163.3
132.5°	1226.9	1227.2	1227.5	1227.6	1227.5	1227.2	1226.9	1226.6	1226.3	1225.1	1224.0
135°	1285.0	1284.5	1283.9	1283.6	1283.3	1282.7	1282.2	1281.6	1281.0	1279.8	1278.7
137.5°	1337.7	1338.0	1338.3	1338.4	1338.1	1337.5	1336.9	1336.3	1335.7	1334.3	1332.8
140°	1389.9	1389.6	1389.3	1389.2	1388.8	1387.9	1387.0	1386.2	1385.3	1384.7	1384.1
142.5°	1434.8	1434.8	1434.8	1434.8	1434.5	1433.9	1433.4	1432.8	1432.2	1431.9	1431.6
145°	1479.2	1478.7	1478.1	1477.8	1477.7	1477.4	1477.1	1476.8	1476.5	1476.5	1476.5
147.5°	1517.6	1517.3	1517.0	1516.9	1516.8	1516.5	1516.2	1515.9	1515.6	1515.9	1516.2
150°	1554.1	1553.8	1553.5	1553.4	1553.4	1553.4	1553.4	1553.4	1553.4	1553.7	1554.0
152.5°	1586.6	1586.9	1587.2	1587.3	1587.0	1586.4	1585.9	1585.3	1584.7	1585.3	1585.9
155°	1615.0	1615.9	1616.8	1617.2	1616.6	1615.5	1614.3	1613.2	1612.0	1612.9	1613.7
157.5°	1639.7	1641.1	1642.6	1643.3	1642.6	1641.1	1639.7	1638.2	1636.8	1638.0	1639.1
160°	1663.7	1665.5	1667.2	1668.1	1667.2	1665.5	1663.7	1662.0	1660.2	1660.5	1660.8
162.5°	1682.5	1684.6	1686.6	1687.6	1686.7	1685.0	1683.3	1681.5	1679.8	1680.1	1680.4
165°	1700.6	1703.3	1705.9	1707.2	1706.0	1703.7	1701.4	1699.0	1696.7	1696.7	1696.7
167.5°	1714.3	1717.2	1720.1	1721.5	1720.2	1717.6	1715.0	1712.4	1709.8	1710.1	1710.4
170°	1726.0	1728.9	1731.8	1733.2	1732.0	1729.7	1727.4	1725.1	1722.8	1722.5	1722.2
172.5°	1733.1	1736.2	1739.4	1741.0	1739.8	1737.5	1735.2	1732.9	1730.6	1730.3	1730.0
175°	1738.8	1742.3	1745.8	1747.5	1746.2	1743.6	1741.0	1738.4	1735.8	1735.5	1735.2
177.5°	1741.5	1745.0	1748.5	1750.2	1749.0	1746.7	1744.4	1742.0	1739.7	1739.1	1738.5
180°	1742.3	1742.3	1742.3	1742.3	1742.3	1742.3	1742.3	1742.3	1742.3	1742.3	1742.3

TEST NUMBER: P1032782

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CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
0°	1296.3	1296.3	1296.3	1296.3	1296.3	1296.3	1296.3	1296.3	1296.3	1296.3	1296.3
2.5°	1337.1	1332.8	1329.6	1329.6	1319.9	1310.2	1304.9	1302.7	1300.6	1292.0	1280.2
5°	1391.9	1377.9	1368.2	1358.6	1342.5	1325.3	1308.1	1298.4	1284.5	1265.1	1251.2
7.5°	1453.1	1419.8	1409.1	1397.2	1365.0	1336.0	1312.4	1292.0	1269.4	1244.7	1220.0
10°	1504.6	1469.2	1445.6	1425.2	1383.3	1344.6	1309.2	1279.1	1250.1	1217.9	1187.8
12.5°	1554.0	1503.6	1478.9	1448.8	1404.8	1348.9	1302.7	1265.1	1222.2	1188.9	1152.4
15°	1622.8	1537.9	1497.1	1477.8	1418.7	1353.2	1297.4	1241.5	1206.1	1155.6	1123.4
17.5°	1633.5	1564.8	1537.9	1488.5	1417.6	1343.5	1279.1	1223.3	1169.6	1124.4	1082.6
20°	1671.1	1580.9	1537.9	1506.8	1413.3	1338.2	1267.3	1195.3	1143.8	1095.5	1048.2
22.5°	1694.7	1592.7	1547.6	1498.2	1409.1	1318.8	1235.1	1172.8	1109.4	1060.0	1022.4
25°	1688.3	1586.3	1535.8	1489.6	1381.1	1290.9	1215.7	1136.3	1077.2	1023.5	974.1
27.5°	1685.1	1570.1	1516.4	1464.9	1362.9	1268.4	1173.9	1109.4	1043.9	981.6	945.1
30°	1676.5	1549.7	1487.5	1431.6	1325.3	1226.5	1145.9	1070.7	1005.2	948.3	900.0
32.5°	1647.5	1515.4	1455.2	1395.1	1284.5	1185.7	1104.0	1034.2	968.7	909.7	863.5
35°	1608.8	1474.6	1409.1	1345.7	1235.1	1135.2	1060.0	987.0	925.8	868.8	824.8
37.5°	1570.1	1427.3	1366.1	1293.1	1191.0	1086.9	1009.5	944.0	887.1	828.0	779.7
40°	1514.3	1371.5	1303.8	1241.5	1122.3	1024.6	953.7	894.6	838.8	782.9	742.1
42.5°	1438.0	1310.2	1240.4	1171.7	1060.0	963.4	894.6	842.0	789.4	743.2	698.1
45°	1360.7	1236.1	1173.9	1112.6	991.3	900.0	836.6	788.3	744.3	693.8	657.3
47.5°	1267.3	1162.0	1099.7	1039.6	924.7	833.4	775.4	730.3	689.5	647.6	613.2
50°	1171.7	1080.4	1023.5	961.2	851.7	769.0	712.0	674.5	641.2	601.4	573.5
52.5°	1068.6	989.1	940.8	880.7	784.0	707.7	649.8	612.2	584.2	555.2	530.5
55°	959.1	901.1	849.5	801.2	709.9	641.2	589.6	556.3	537.0	510.1	488.7
57.5°	860.3	804.4	773.3	718.5	639.0	571.4	530.5	502.6	480.1	464.0	446.8
60°	757.1	712.0	677.7	637.9	568.1	511.2	468.3	452.1	428.5	416.7	409.2
62.5°	658.3	626.1	593.9	563.8	501.5	447.8	415.6	395.2	381.3	369.4	363.0
65°	564.9	534.8	512.3	485.4	433.9	390.9	360.9	344.7	330.8	327.6	320.0
67.5°	473.6	460.7	436.0	414.6	370.5	337.2	314.7	294.3	286.8	283.5	277.1
70°	396.3	381.3	361.9	343.7	310.4	281.4	261.0	253.5	242.7	241.6	234.1
72.5°	326.5	308.2	294.3	280.3	255.6	229.8	219.1	208.4	203.0	198.7	195.5
75°	258.8	245.9	236.3	224.5	203.0	185.8	170.8	166.5	163.2	162.2	160.0
77.5°	193.3	184.7	180.4	168.6	153.6	138.5	132.1	125.7	125.7	123.5	124.6
80°	137.5	132.1	126.7	120.3	107.4	101.0	95.6	91.3	89.1	88.1	89.1
82.5°	87.0	83.8	82.7	78.4	69.8	66.6	62.3	59.1	59.1	59.1	59.1
85°	48.3	48.3	48.3	41.9	38.7	35.4	33.3	32.2	32.2	32.2	33.3
87.5°	20.4	20.4	17.2	17.2	16.1	14.0	12.9	12.9	14.0	14.0	15.0
90°	21.7	19.4	18.2	16.6	13.4	10.3	7.1	3.9	7.1	10.3	13.4
92.5°	20.4	18.1	16.9	17.2	17.8	18.3	18.9	19.5	18.9	18.3	17.8
95°	27.8	27.5	27.4	32.3	42.2	52.0	61.9	71.7	61.9	52.0	42.2
97.5°	119.9	150.3	165.5	162.3	155.9	149.6	143.2	136.8	143.2	149.6	155.9
100°	177.2	217.2	237.2	234.6	229.4	224.1	218.9	213.7	218.9	224.1	229.4
102.5°	320.6	317.1	315.4	313.7	310.2	306.7	303.2	299.7	303.2	306.7	310.2
105°	402.3	400.8	400.1	399.2	397.5	395.8	394.0	392.3	394.0	395.8	397.5
107.5°	483.9	481.9	480.9	480.5	479.6	478.7	477.9	477.0	477.9	478.7	479.6
110°	569.5	567.8	566.9	566.5	565.6	564.7	563.9	563.0	563.9	564.7	565.6

TEST NUMBER: P1032782

CATALOG NUMBER: S124DIW-B795D1340UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
112.5°	655.1	654.5	654.2	653.3	651.6	649.9	648.1	646.4	648.1	649.9	651.6
115°	735.9	736.2	736.3	735.9	735.0	734.1	733.3	732.4	733.3	734.1	735.0
117.5°	815.8	814.9	814.5	813.9	812.8	811.6	810.5	809.3	810.5	811.6	812.8
120°	892.3	892.6	892.7	892.1	891.0	889.8	888.7	887.5	888.7	889.8	891.0
122.5°	963.9	963.3	963.0	962.7	962.1	961.6	961.0	960.4	961.0	961.6	962.1
125°	1033.8	1034.4	1034.7	1034.1	1033.0	1031.8	1030.7	1029.5	1030.7	1031.8	1033.0
127.5°	1099.5	1098.0	1097.3	1097.2	1096.9	1096.6	1096.3	1096.0	1096.3	1096.6	1096.9
130°	1162.4	1161.5	1161.1	1161.0	1160.7	1160.4	1160.1	1159.8	1160.1	1160.4	1160.7
132.5°	1222.8	1221.7	1221.1	1220.8	1220.2	1219.7	1219.1	1218.5	1219.1	1219.7	1220.2
135°	1277.5	1276.4	1275.8	1275.9	1276.2	1276.5	1276.8	1277.1	1276.8	1276.5	1276.2
137.5°	1331.4	1329.9	1329.2	1329.2	1329.2	1329.2	1329.2	1329.2	1329.2	1329.2	1329.2
140°	1383.6	1383.0	1382.7	1382.4	1381.8	1381.3	1380.7	1380.1	1380.7	1381.3	1381.8
142.5°	1431.3	1431.0	1430.9	1430.3	1429.2	1428.0	1426.9	1425.7	1426.9	1428.0	1429.2
145°	1476.5	1476.5	1476.5	1476.1	1475.2	1474.3	1473.5	1472.6	1473.5	1474.3	1475.2
147.5°	1516.5	1516.8	1516.9	1516.0	1514.3	1512.6	1510.8	1509.1	1510.8	1512.6	1514.3
150°	1554.3	1554.6	1554.7	1554.1	1553.0	1551.8	1550.7	1549.5	1550.7	1551.8	1553.0
152.5°	1586.4	1587.0	1587.3	1586.9	1586.0	1585.1	1584.2	1583.3	1584.2	1585.1	1586.0
155°	1614.6	1615.5	1615.9	1615.8	1615.5	1615.2	1614.9	1614.6	1614.9	1615.2	1615.5
157.5°	1640.3	1641.4	1642.0	1642.0	1642.0	1642.0	1642.0	1642.0	1642.0	1642.0	1642.0
160°	1661.1	1661.4	1661.5	1661.9	1662.8	1663.7	1664.5	1665.4	1664.5	1663.7	1662.8
162.5°	1680.7	1681.0	1681.1	1681.7	1682.8	1684.0	1685.1	1686.3	1685.1	1684.0	1682.8
165°	1696.7	1696.7	1696.7	1697.4	1698.9	1700.3	1701.8	1703.2	1701.8	1700.3	1698.9
167.5°	1710.7	1711.0	1711.1	1711.8	1713.3	1714.7	1716.2	1717.6	1716.2	1714.7	1713.3
170°	1721.9	1721.6	1721.5	1722.4	1724.1	1725.8	1727.6	1729.3	1727.6	1725.8	1724.1
172.5°	1729.7	1729.4	1729.3	1730.2	1731.9	1733.6	1735.4	1737.1	1735.4	1733.6	1731.9
175°	1734.9	1734.6	1734.5	1735.4	1737.1	1738.8	1740.6	1742.3	1740.6	1738.8	1737.1
177.5°	1738.0	1737.4	1737.1	1738.1	1740.1	1742.2	1744.2	1746.2	1744.2	1742.2	1740.1
180°	1742.3	1742.3	1742.3	1742.3	1742.3	1742.3	1742.3	1742.3	1742.3	1742.3	1742.3

TEST NUMBER: P1032782

CATALOG NUMBER: S124DIW-B795D1340UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
0°	1296.3	1296.3	1296.3	1296.3	1296.3	1296.3	1296.3	1296.3	1296.3	1296.3	1296.3
2.5°	1277.0	1272.7	1274.8	1264.1	1254.4	1240.4	1228.6	1226.5	1224.3	1230.8	1226.5
5°	1240.4	1235.1	1229.7	1216.8	1197.5	1185.7	1168.5	1167.4	1161.0	1151.3	1153.4
7.5°	1200.7	1197.5	1190.0	1169.6	1152.4	1132.0	1118.0	1106.2	1100.8	1092.2	1089.0
10°	1168.5	1156.7	1150.2	1127.7	1107.3	1085.8	1067.5	1058.9	1049.3	1041.8	1036.4
12.5°	1124.4	1121.2	1103.0	1084.7	1067.5	1042.8	1028.9	1004.2	991.3	997.7	995.6
15°	1095.5	1080.4	1076.1	1050.3	1021.3	1005.2	979.5	963.4	958.0	948.3	936.5
17.5°	1056.8	1047.1	1032.1	1008.5	975.2	952.6	934.4	919.3	912.9	900.0	890.3
20°	1020.3	1004.2	992.3	970.9	938.7	909.7	887.1	877.4	861.3	850.6	845.2
22.5°	987.0	975.2	958.0	925.8	897.8	869.9	843.1	829.1	814.1	807.6	799.0
25°	946.2	926.8	915.0	879.6	849.5	827.0	802.3	784.0	775.4	764.7	762.5
27.5°	906.4	888.2	874.2	843.1	806.6	777.6	762.5	749.6	734.6	734.6	729.2
30°	866.7	853.8	832.3	802.3	767.9	740.0	722.8	711.0	705.6	701.3	700.2
32.5°	827.0	809.8	796.9	756.1	730.3	704.5	691.6	682.0	675.5	674.5	675.5
35°	786.1	766.8	753.9	717.4	691.6	668.0	662.6	654.0	650.8	649.8	655.1
37.5°	743.2	728.2	712.0	682.0	653.0	639.0	628.3	625.1	624.0	630.4	632.6
40°	703.5	690.6	675.5	643.3	621.8	606.8	601.4	598.2	602.5	608.9	612.2
42.5°	665.9	647.6	635.8	606.8	587.5	578.9	572.4	572.4	576.7	584.2	589.6
45°	626.1	612.2	600.3	574.6	557.4	547.7	546.7	547.7	553.1	558.5	564.9
47.5°	587.5	573.5	560.6	539.1	524.1	518.7	517.7	518.7	527.3	534.8	542.4
50°	552.0	537.0	525.2	504.8	493.0	486.5	487.6	493.0	499.4	510.1	519.8
52.5°	510.1	499.4	488.7	470.4	459.7	455.4	458.6	462.9	474.7	482.2	494.0
55°	469.3	459.7	451.1	437.1	428.5	425.3	427.4	433.9	443.6	456.4	470.4
57.5°	431.7	421.0	412.4	402.7	393.1	394.1	395.2	403.8	415.6	427.4	443.6
60°	389.9	383.4	375.9	364.1	359.8	359.8	363.0	372.7	383.4	402.7	416.7
62.5°	352.3	343.7	338.3	330.8	324.3	325.4	332.9	341.5	354.4	370.5	388.8
65°	313.6	303.9	299.6	293.2	291.0	292.1	297.5	310.4	324.3	338.3	355.5
67.5°	270.6	267.4	263.1	256.7	258.8	259.9	265.3	276.0	291.0	305.0	324.3
70°	234.1	227.7	226.6	221.2	221.2	224.5	235.2	242.7	256.7	271.7	292.1
72.5°	195.5	190.1	190.1	185.8	189.0	192.2	197.6	208.4	221.2	236.3	253.5
75°	155.7	153.6	155.7	153.6	153.6	158.9	165.4	174.0	187.9	204.1	218.0
77.5°	120.3	120.3	119.2	122.4	122.4	125.7	134.2	142.8	153.6	166.5	181.5
80°	88.1	88.1	88.1	91.3	94.5	94.5	99.9	110.6	120.3	128.9	142.8
82.5°	60.1	60.1	60.1	62.3	66.6	66.6	73.0	79.5	90.2	97.7	104.2
85°	36.5	36.5	35.4	37.6	38.7	41.9	47.3	51.6	56.9	63.4	69.8
87.5°	16.1	16.1	17.2	18.3	19.3	21.5	23.6	25.8	31.1	33.3	36.5
90°	16.6	18.2	19.4	21.7	24.0	26.4	28.7	30.4	32.2	33.9	35.6
92.5°	17.2	16.9	18.1	20.4	22.7	25.1	27.4	29.1	30.9	32.6	34.3
95°	32.3	27.4	27.5	27.8	28.1	28.4	28.7	30.4	32.2	33.9	35.6
97.5°	162.3	165.5	150.3	119.9	89.5	59.1	28.7	30.1	31.6	33.0	34.5
100°	234.6	237.2	217.2	177.2	137.3	97.3	57.3	52.4	47.5	42.6	37.7
102.5°	313.7	315.4	317.1	320.6	324.1	327.5	331.0	265.8	200.7	135.5	70.4
105°	399.2	400.1	400.8	402.3	403.7	405.2	406.6	409.2	411.8	414.4	417.0
107.5°	480.5	480.9	481.9	483.9	486.0	488.0	490.0	491.4	492.9	494.3	495.8
110°	566.5	566.9	567.8	569.5	571.2	573.0	574.7	575.3	575.9	576.4	577.0



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CATALOG NUMBER: S124DIW-B795D1340UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
112.5°	653.3	654.2	654.5	655.1	655.6	656.2	656.8	656.5	656.2	655.9	655.6
115°	735.9	736.3	736.2	735.9	735.6	735.3	735.0	735.6	736.2	736.7	737.3
117.5°	813.9	814.5	814.9	815.8	816.7	817.5	818.4	818.1	817.8	817.5	817.2
120°	892.1	892.7	892.6	892.3	892.0	891.7	891.4	892.0	892.6	893.1	893.7
122.5°	962.7	963.0	963.3	963.9	964.4	965.0	965.6	965.9	966.2	966.5	966.8
125°	1034.1	1034.7	1034.4	1033.8	1033.3	1032.7	1032.1	1033.0	1033.8	1034.7	1035.6
127.5°	1097.2	1097.3	1098.0	1099.5	1100.9	1102.4	1103.8	1103.5	1103.2	1102.9	1102.6
130°	1161.0	1161.1	1161.5	1162.4	1163.3	1164.1	1165.0	1165.3	1165.6	1165.9	1166.2
132.5°	1220.8	1221.1	1221.7	1222.8	1224.0	1225.1	1226.3	1226.6	1226.9	1227.2	1227.5
135°	1275.9	1275.8	1276.4	1277.5	1278.7	1279.8	1281.0	1281.6	1282.2	1282.7	1283.3
137.5°	1329.2	1329.2	1329.9	1331.4	1332.8	1334.3	1335.7	1336.3	1336.9	1337.5	1338.1
140°	1382.4	1382.7	1383.0	1383.6	1384.1	1384.7	1385.3	1386.2	1387.0	1387.9	1388.8
142.5°	1430.3	1430.9	1431.0	1431.3	1431.6	1431.9	1432.2	1432.8	1433.4	1433.9	1434.5
145°	1476.1	1476.5	1476.5	1476.5	1476.5	1476.5	1476.5	1476.8	1477.1	1477.4	1477.7
147.5°	1516.0	1516.9	1516.8	1516.5	1516.2	1515.9	1515.6	1515.9	1516.2	1516.5	1516.8
150°	1554.1	1554.7	1554.6	1554.3	1554.0	1553.7	1553.4	1553.4	1553.4	1553.4	1553.4
152.5°	1586.9	1587.3	1587.0	1586.4	1585.9	1585.3	1584.7	1585.3	1585.9	1586.4	1587.0
155°	1615.8	1615.9	1615.5	1614.6	1613.7	1612.9	1612.0	1613.2	1614.3	1615.5	1616.6
157.5°	1642.0	1642.0	1641.4	1640.3	1639.1	1638.0	1636.8	1638.2	1639.7	1641.1	1642.6
160°	1661.9	1661.5	1661.4	1661.1	1660.8	1660.5	1660.2	1662.0	1663.7	1665.5	1667.2
162.5°	1681.7	1681.1	1681.0	1680.7	1680.4	1680.1	1679.8	1681.5	1683.3	1685.0	1686.7
165°	1697.4	1696.7	1696.7	1696.7	1696.7	1696.7	1696.7	1699.0	1701.4	1703.7	1706.0
167.5°	1711.8	1711.1	1711.0	1710.7	1710.4	1710.1	1709.8	1712.4	1715.0	1717.6	1720.2
170°	1722.4	1721.5	1721.6	1721.9	1722.2	1722.5	1722.8	1725.1	1727.4	1729.7	1732.0
172.5°	1730.2	1729.3	1729.4	1729.7	1730.0	1730.3	1730.6	1732.9	1735.2	1737.5	1739.8
175°	1735.4	1734.5	1734.6	1734.9	1735.2	1735.5	1735.8	1738.4	1741.0	1743.6	1746.2
177.5°	1738.1	1737.1	1737.4	1738.0	1738.5	1739.1	1739.7	1742.0	1744.4	1746.7	1749.0
180°	1742.3	1742.3	1742.3	1742.3	1742.3	1742.3	1742.3	1742.3	1742.3	1742.3	1742.3

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CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
0°	1296.3	1296.3	1296.3	1296.3	1296.3	1296.3	1296.3	1296.3	1296.3	1296.3	1296.3
2.5°	1223.3	1222.2	1216.8	1219.0	1212.5	1214.7	1217.9	1219.0	1223.3	1220.0	1219.0
5°	1148.1	1145.9	1142.7	1139.5	1138.4	1142.7	1135.2	1137.3	1139.5	1142.7	1147.0
7.5°	1086.9	1085.8	1082.6	1077.2	1075.0	1072.9	1074.0	1081.5	1080.4	1079.3	1086.9
10°	1031.0	1032.1	1025.6	1024.6	1018.1	1017.1	1018.1	1020.3	1023.5	1027.8	1028.9
12.5°	973.0	987.0	975.2	970.9	961.2	966.6	968.7	959.1	964.4	967.6	983.8
15°	936.5	930.1	922.5	922.5	918.2	916.1	910.7	918.2	922.5	929.0	926.8
17.5°	886.0	875.3	871.0	866.7	867.8	872.1	860.3	877.4	877.4	880.7	875.3
20°	842.0	833.4	828.0	825.9	822.7	820.5	819.4	823.7	830.2	832.3	837.7
22.5°	795.8	795.8	787.2	784.0	781.9	778.6	784.0	780.8	785.1	789.4	798.0
25°	757.1	757.1	753.9	749.6	746.4	744.3	747.5	746.4	749.6	755.0	757.1
27.5°	726.0	722.8	721.7	720.6	719.6	720.6	719.6	722.8	726.0	727.1	724.9
30°	699.2	695.9	697.0	697.0	698.1	697.0	695.9	699.2	700.2	698.1	699.2
32.5°	674.5	674.5	676.6	677.7	677.7	678.7	679.8	677.7	678.7	675.5	676.6
35°	654.0	656.2	658.3	659.4	660.5	659.4	661.6	660.5	658.3	656.2	655.1
37.5°	633.6	635.8	640.1	641.2	644.4	645.5	643.3	643.3	642.2	637.9	635.8
40°	612.2	614.3	619.7	622.9	625.1	628.3	626.1	626.1	621.8	617.5	614.3
42.5°	591.8	596.1	601.4	604.6	608.9	608.9	608.9	606.8	601.4	597.1	593.9
45°	571.4	572.4	579.9	585.3	589.6	589.6	589.6	586.4	583.2	574.6	570.3
47.5°	548.8	552.0	560.6	566.0	570.3	571.4	571.4	568.1	561.7	554.2	548.8
50°	524.1	529.5	539.1	546.7	552.0	554.2	550.9	548.8	541.3	532.7	526.2
52.5°	500.5	506.9	518.7	525.2	532.7	533.8	532.7	529.5	520.9	509.1	503.7
55°	476.8	482.2	495.1	505.8	512.3	514.4	512.3	506.9	496.2	484.4	479.0
57.5°	451.1	458.6	472.5	483.3	490.8	491.9	489.7	484.4	475.8	460.7	453.2
60°	424.2	433.9	447.8	458.6	468.3	469.3	467.2	459.7	448.9	433.9	427.4
62.5°	397.4	404.9	421.0	432.8	440.3	445.7	441.4	433.9	423.1	408.1	398.4
65°	366.2	377.0	390.9	401.7	410.3	411.3	409.2	402.7	390.9	374.8	367.3
67.5°	336.2	343.7	357.6	371.6	374.8	378.0	374.8	368.4	358.7	344.7	334.0
70°	299.6	306.1	323.3	332.9	337.2	340.4	338.3	331.9	323.3	310.4	301.8
72.5°	263.1	268.5	284.6	292.1	300.7	299.6	298.6	294.3	282.5	273.9	268.5
75°	224.5	230.9	241.6	251.3	254.5	254.5	254.5	251.3	243.8	229.8	224.5
77.5°	189.0	192.2	200.8	206.2	209.4	210.5	209.4	204.1	199.8	190.1	186.9
80°	145.0	153.6	160.0	161.1	165.4	165.4	165.4	163.2	158.9	149.3	148.2
82.5°	109.5	111.7	118.1	121.4	123.5	122.4	122.4	118.1	117.1	111.7	109.5
85°	74.1	77.3	76.3	80.5	81.6	79.5	79.5	81.6	76.3	77.3	74.1
87.5°	40.8	40.8	43.0	41.9	46.2	46.2	44.0	45.1	43.0	41.9	40.8
90°	36.5	36.8	37.4	37.9	38.5	39.1	38.5	37.9	37.4	36.8	36.5
92.5°	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2
95°	36.5	36.6	36.9	37.2	37.5	37.8	37.5	37.2	36.9	36.6	36.5
97.5°	35.2	35.3	35.6	35.9	36.2	36.5	36.2	35.9	35.6	35.3	35.2
100°	35.2	35.3	35.6	35.9	36.2	36.5	36.2	35.9	35.6	35.3	35.2
102.5°	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8
105°	418.3	413.1	402.7	392.2	381.8	371.4	381.8	392.2	402.7	413.1	418.3
107.5°	496.5	497.1	498.2	499.4	500.5	501.7	500.5	499.4	498.2	497.1	496.5
110°	577.3	577.7	578.6	579.5	580.3	581.2	580.3	579.5	578.6	577.7	577.3

TEST NUMBER: P1032782

CATALOG NUMBER: S124DIW-B795D1340UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
112.5°	655.5	656.1	657.2	658.4	659.5	660.7	659.5	658.4	657.2	656.1	655.5
115°	737.6	737.6	737.6	737.6	737.6	737.6	737.6	737.6	737.6	737.6	737.6
117.5°	817.1	817.1	817.1	817.1	817.1	817.1	817.1	817.1	817.1	817.1	817.1
120°	894.0	893.7	893.1	892.6	892.0	891.4	892.0	892.6	893.1	893.7	894.0
122.5°	967.0	966.7	966.1	965.5	964.9	964.3	964.9	965.5	966.1	966.7	967.0
125°	1036.0	1036.1	1036.4	1036.7	1037.0	1037.3	1037.0	1036.7	1036.4	1036.1	1036.0
127.5°	1102.5	1102.4	1102.1	1101.8	1101.5	1101.2	1101.5	1101.8	1102.1	1102.4	1102.5
130°	1166.3	1166.3	1166.3	1166.3	1166.3	1166.3	1166.3	1166.3	1166.3	1166.3	1166.3
132.5°	1227.6	1227.5	1227.2	1226.9	1226.6	1226.3	1226.6	1226.9	1227.2	1227.5	1227.6
135°	1283.6	1283.9	1284.5	1285.0	1285.6	1286.2	1285.6	1285.0	1284.5	1283.9	1283.6
137.5°	1338.4	1338.3	1338.0	1337.7	1337.4	1337.1	1337.4	1337.7	1338.0	1338.3	1338.4
140°	1389.2	1389.3	1389.6	1389.9	1390.2	1390.5	1390.2	1389.9	1389.6	1389.3	1389.2
142.5°	1434.8	1434.8	1434.8	1434.8	1434.8	1434.8	1434.8	1434.8	1434.8	1434.8	1434.8
145°	1477.8	1478.1	1478.7	1479.2	1479.8	1480.4	1479.8	1479.2	1478.7	1478.1	1477.8
147.5°	1516.9	1517.0	1517.3	1517.6	1517.9	1518.2	1517.9	1517.6	1517.3	1517.0	1516.9
150°	1553.4	1553.5	1553.8	1554.1	1554.4	1554.7	1554.4	1554.1	1553.8	1553.5	1553.4
152.5°	1587.3	1587.2	1586.9	1586.6	1586.3	1586.0	1586.3	1586.6	1586.9	1587.2	1587.3
155°	1617.2	1616.8	1615.9	1615.0	1614.2	1613.3	1614.2	1615.0	1615.9	1616.8	1617.2
157.5°	1643.3	1642.6	1641.1	1639.7	1638.2	1636.8	1638.2	1639.7	1641.1	1642.6	1643.3
160°	1668.1	1667.2	1665.5	1663.7	1662.0	1660.2	1662.0	1663.7	1665.5	1667.2	1668.1
162.5°	1687.6	1686.6	1684.6	1682.5	1680.5	1678.5	1680.5	1682.5	1684.6	1686.6	1687.6
165°	1707.2	1705.9	1703.3	1700.6	1698.0	1695.4	1698.0	1700.6	1703.3	1705.9	1707.2
167.5°	1721.5	1720.1	1717.2	1714.3	1711.4	1708.5	1711.4	1714.3	1717.2	1720.1	1721.5
170°	1733.2	1731.8	1728.9	1726.0	1723.1	1720.2	1723.1	1726.0	1728.9	1731.8	1733.2
172.5°	1741.0	1739.4	1736.2	1733.1	1729.9	1726.7	1729.9	1733.1	1736.2	1739.4	1741.0
175°	1747.5	1745.8	1742.3	1738.8	1735.4	1731.9	1735.4	1738.8	1742.3	1745.8	1747.5
177.5°	1750.2	1748.5	1745.0	1741.5	1738.0	1734.5	1738.0	1741.5	1745.0	1748.5	1750.2
180°	1742.3	1742.3	1742.3	1742.3	1742.3	1742.3	1742.3	1742.3	1742.3	1742.3	1742.3

TEST NUMBER: P1032782

CATALOG NUMBER: S124DIW-B795D1340UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
0°	1296.3	1296.3	1296.3	1296.3	1296.3	1296.3	1296.3	1296.3	1296.3	1296.3	1296.3
2.5°	1219.0	1225.4	1219.0	1223.3	1225.4	1230.8	1232.9	1242.6	1245.8	1253.3	1253.3
5°	1145.9	1149.1	1150.2	1154.5	1158.8	1169.6	1177.1	1191.0	1207.1	1209.3	1219.0
7.5°	1086.9	1092.2	1100.8	1097.6	1105.1	1121.2	1130.9	1148.1	1164.2	1172.8	1184.6
10°	1034.2	1040.7	1043.9	1047.1	1061.1	1075.0	1090.1	1101.9	1123.4	1136.3	1145.9
12.5°	991.3	985.9	992.3	1004.2	1020.3	1028.9	1049.3	1067.5	1083.6	1097.6	1106.2
15°	935.4	939.7	946.2	966.6	970.9	992.3	999.9	1020.3	1050.3	1063.2	1074.0
17.5°	881.7	895.7	908.6	916.1	929.0	946.2	967.6	990.2	1009.5	1024.6	1037.5
20°	838.8	852.7	860.3	865.6	878.5	902.1	922.5	950.5	975.2	987.0	1004.2
22.5°	804.4	804.4	815.1	831.3	838.8	861.3	878.5	908.6	935.4	950.5	966.6
25°	761.4	767.9	776.5	790.4	801.2	819.4	844.1	869.9	898.9	911.8	932.2
27.5°	726.0	733.5	745.3	748.6	759.3	775.4	801.2	829.1	859.2	873.1	890.3
30°	699.2	703.5	707.7	714.2	723.9	737.8	759.3	784.0	820.5	831.3	852.7
32.5°	675.5	677.7	679.8	685.2	690.6	704.5	721.7	748.6	778.6	794.7	814.1
35°	654.0	651.9	653.0	656.2	661.6	666.9	685.2	707.7	735.7	755.0	770.0
37.5°	633.6	629.3	628.3	628.3	630.4	636.9	650.8	670.2	700.2	716.3	731.4
40°	611.1	606.8	604.6	603.6	602.5	606.8	617.5	636.9	660.5	675.5	692.7
42.5°	589.6	585.3	579.9	578.9	576.7	578.9	586.4	604.6	625.1	640.1	654.0
45°	568.1	560.6	554.2	549.9	550.9	547.7	553.1	567.1	590.7	600.3	614.3
47.5°	544.5	535.9	527.3	523.0	518.7	520.9	523.0	534.8	555.2	564.9	578.9
50°	521.9	510.1	500.5	495.1	491.9	489.7	491.9	503.7	518.7	527.3	539.1
52.5°	496.2	484.4	474.7	466.1	461.8	458.6	459.7	470.4	484.4	493.0	504.8
55°	472.5	457.5	444.6	433.9	430.7	429.6	428.5	436.0	447.8	456.4	466.1
57.5°	445.7	430.7	416.7	403.8	397.4	396.3	396.3	398.4	413.5	419.9	425.3
60°	418.8	402.7	387.7	375.9	366.2	363.0	361.9	366.2	373.7	380.2	387.7
62.5°	388.8	372.7	354.4	343.7	334.0	325.4	328.6	329.7	340.4	343.7	350.1
65°	359.8	341.5	326.5	309.3	298.6	293.2	291.0	293.2	301.8	302.9	307.2
67.5°	326.5	309.3	291.0	279.2	269.6	259.9	257.8	257.8	262.0	265.3	270.6
70°	294.3	277.1	256.7	243.8	234.1	225.5	222.3	221.2	224.5	226.6	232.0
72.5°	256.7	239.5	224.5	210.5	198.7	192.2	189.0	186.9	190.1	192.2	193.3
75°	216.9	203.0	187.9	174.0	166.5	160.0	155.7	152.5	154.7	154.7	154.7
77.5°	179.4	165.4	153.6	143.9	134.2	126.7	123.5	120.3	121.4	121.4	123.5
80°	139.6	130.0	120.3	111.7	103.1	96.7	94.5	91.3	89.1	88.1	88.1
82.5°	103.1	95.6	87.0	79.5	75.2	68.7	66.6	62.3	62.3	61.2	61.2
85°	68.7	64.4	55.8	50.5	47.3	44.0	41.9	39.7	36.5	36.5	35.4
87.5°	36.5	34.4	32.2	25.8	25.8	22.6	21.5	20.4	17.2	18.3	18.3
90°	35.6	33.9	32.2	30.4	28.7	26.4	24.0	21.7	19.4	18.2	16.6
92.5°	34.3	32.6	30.9	29.1	27.4	25.1	22.7	20.4	18.1	16.9	17.2
95°	35.6	33.9	32.2	30.4	28.7	28.4	28.1	27.8	27.5	27.4	32.3
97.5°	34.5	33.0	31.6	30.1	28.7	59.1	89.5	119.9	150.3	165.5	162.3
100°	37.7	42.6	47.5	52.4	57.3	97.3	137.3	177.2	217.2	237.2	234.6
102.5°	70.4	135.5	200.7	265.8	331.0	327.5	324.1	320.6	317.1	315.4	313.7
105°	417.0	414.4	411.8	409.2	406.6	405.2	403.7	402.3	400.8	400.1	399.2
107.5°	495.8	494.3	492.9	491.4	490.0	488.0	486.0	483.9	481.9	480.9	480.5
110°	577.0	576.4	575.9	575.3	574.7	573.0	571.2	569.5	567.8	566.9	566.5

TEST NUMBER: P1032782

CATALOG NUMBER: S124DIW-B795D1340UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
112.5°	655.6	655.9	656.2	656.5	656.8	656.2	655.6	655.1	654.5	654.2	653.3
115°	737.3	736.7	736.2	735.6	735.0	735.3	735.6	735.9	736.2	736.3	735.9
117.5°	817.2	817.5	817.8	818.1	818.4	817.5	816.7	815.8	814.9	814.5	813.9
120°	893.7	893.1	892.6	892.0	891.4	891.7	892.0	892.3	892.6	892.7	892.1
122.5°	966.8	966.5	966.2	965.9	965.6	965.0	964.4	963.9	963.3	963.0	962.7
125°	1035.6	1034.7	1033.8	1033.0	1032.1	1032.7	1033.3	1033.8	1034.4	1034.7	1034.1
127.5°	1102.6	1102.9	1103.2	1103.5	1103.8	1102.4	1100.9	1099.5	1098.0	1097.3	1097.2
130°	1166.2	1165.9	1165.6	1165.3	1165.0	1164.1	1163.3	1162.4	1161.5	1161.1	1161.0
132.5°	1227.5	1227.2	1226.9	1226.6	1226.3	1225.1	1224.0	1222.8	1221.7	1221.1	1220.8
135°	1283.3	1282.7	1282.2	1281.6	1281.0	1279.8	1278.7	1277.5	1276.4	1275.8	1275.9
137.5°	1338.1	1337.5	1336.9	1336.3	1335.7	1334.3	1332.8	1331.4	1329.9	1329.2	1329.2
140°	1388.8	1387.9	1387.0	1386.2	1385.3	1384.7	1384.1	1383.6	1383.0	1382.7	1382.4
142.5°	1434.5	1433.9	1433.4	1432.8	1432.2	1431.9	1431.6	1431.3	1431.0	1430.9	1430.3
145°	1477.7	1477.4	1477.1	1476.8	1476.5	1476.5	1476.5	1476.5	1476.5	1476.5	1476.1
147.5°	1516.8	1516.5	1516.2	1515.9	1515.6	1515.9	1516.2	1516.5	1516.8	1516.9	1516.0
150°	1553.4	1553.4	1553.4	1553.4	1553.4	1553.7	1554.0	1554.3	1554.6	1554.7	1554.1
152.5°	1587.0	1586.4	1585.9	1585.3	1584.7	1585.3	1585.9	1586.4	1587.0	1587.3	1586.9
155°	1616.6	1615.5	1614.3	1613.2	1612.0	1612.9	1613.7	1614.6	1615.5	1615.9	1615.8
157.5°	1642.6	1641.1	1639.7	1638.2	1636.8	1638.0	1639.1	1640.3	1641.4	1642.0	1642.0
160°	1667.2	1665.5	1663.7	1662.0	1660.2	1660.5	1660.8	1661.1	1661.4	1661.5	1661.9
162.5°	1686.7	1685.0	1683.3	1681.5	1679.8	1680.1	1680.4	1680.7	1681.0	1681.1	1681.7
165°	1706.0	1703.7	1701.4	1699.0	1696.7	1696.7	1696.7	1696.7	1696.7	1696.7	1697.4
167.5°	1720.2	1717.6	1715.0	1712.4	1709.8	1710.1	1710.4	1710.7	1711.0	1711.1	1711.8
170°	1732.0	1729.7	1727.4	1725.1	1722.8	1722.5	1722.2	1721.9	1721.6	1721.5	1722.4
172.5°	1739.8	1737.5	1735.2	1732.9	1730.6	1730.3	1730.0	1729.7	1729.4	1729.3	1730.2
175°	1746.2	1743.6	1741.0	1738.4	1735.8	1735.5	1735.2	1734.9	1734.6	1734.5	1735.4
177.5°	1749.0	1746.7	1744.4	1742.0	1739.7	1739.1	1738.5	1738.0	1737.4	1737.1	1738.1
180°	1742.3	1742.3	1742.3	1742.3	1742.3	1742.3	1742.3	1742.3	1742.3	1742.3	1742.3

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CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
0°	1296.3	1296.3	1296.3	1296.3
2.5°	1260.8	1271.6	1281.2	1296.3
5°	1232.9	1248.0	1268.4	1290.9
7.5°	1200.7	1224.3	1251.2	1282.3
10°	1170.6	1197.5	1231.8	1269.4
12.5°	1139.5	1171.7	1209.3	1250.1
15°	1104.0	1136.3	1178.1	1232.9
17.5°	1071.8	1110.5	1155.6	1213.6
20°	1034.2	1070.7	1120.2	1186.7
22.5°	1000.9	1042.8	1097.6	1155.6
25°	964.4	1000.9	1055.7	1125.5
27.5°	927.9	973.0	1025.6	1093.3
30°	892.5	930.1	987.0	1057.9
32.5°	853.8	898.9	951.5	1018.1
35°	811.9	854.9	904.3	976.2
37.5°	774.3	816.2	866.7	930.1
40°	732.4	776.5	822.7	886.0
42.5°	691.6	731.4	777.6	835.5
45°	651.9	686.3	728.2	778.6
47.5°	611.1	640.1	678.7	723.9
50°	567.1	598.2	627.2	664.8
52.5°	526.2	553.1	576.7	607.9
55°	486.5	504.8	524.1	547.7
57.5°	444.6	458.6	472.5	497.2
60°	402.7	415.6	423.1	439.3
62.5°	361.9	367.3	377.0	386.6
65°	316.8	324.3	329.7	341.5
67.5°	276.0	279.2	284.6	292.1
70°	233.1	240.6	242.7	248.1
72.5°	196.5	199.8	201.9	203.0
75°	155.7	158.9	161.1	167.5
77.5°	122.4	121.4	125.7	126.7
80°	90.2	87.0	88.1	92.4
82.5°	59.1	60.1	59.1	59.1
85°	36.5	35.4	33.3	34.4
87.5°	16.1	16.1	15.0	15.0
90°	13.4	10.3	7.1	3.9
92.5°	17.8	18.3	18.9	19.5
95°	42.2	52.0	61.9	71.7
97.5°	155.9	149.6	143.2	136.8
100°	229.4	224.1	218.9	213.7
102.5°	310.2	306.7	303.2	299.7
105°	397.5	395.8	394.0	392.3
107.5°	479.6	478.7	477.9	477.0
110°	565.6	564.7	563.9	563.0



TEST NUMBER: P1032782

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CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
112.5°	651.6	649.9	648.1	646.4
115°	735.0	734.1	733.3	732.4
117.5°	812.8	811.6	810.5	809.3
120°	891.0	889.8	888.7	887.5
122.5°	962.1	961.6	961.0	960.4
125°	1033.0	1031.8	1030.7	1029.5
127.5°	1096.9	1096.6	1096.3	1096.0
130°	1160.7	1160.4	1160.1	1159.8
132.5°	1220.2	1219.7	1219.1	1218.5
135°	1276.2	1276.5	1276.8	1277.1
137.5°	1329.2	1329.2	1329.2	1329.2
140°	1381.8	1381.3	1380.7	1380.1
142.5°	1429.2	1428.0	1426.9	1425.7
145°	1475.2	1474.3	1473.5	1472.6
147.5°	1514.3	1512.6	1510.8	1509.1
150°	1553.0	1551.8	1550.7	1549.5
152.5°	1586.0	1585.1	1584.2	1583.3
155°	1615.5	1615.2	1614.9	1614.6
157.5°	1642.0	1642.0	1642.0	1642.0
160°	1662.8	1663.7	1664.5	1665.4
162.5°	1682.8	1684.0	1685.1	1686.3
165°	1698.9	1700.3	1701.8	1703.2
167.5°	1713.3	1714.7	1716.2	1717.6
170°	1724.1	1725.8	1727.6	1729.3
172.5°	1731.9	1733.6	1735.4	1737.1
175°	1737.1	1738.8	1740.6	1742.3
177.5°	1740.1	1742.2	1744.2	1746.2
180°	1742.3	1742.3	1742.3	1742.3

(END OF REPORT)