

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: P1029161

Luminaire Tested: S122DIW-B1005D1240UB2750-4F0-XX-W2A-A_3500K

Issue Date: 5/6/2025

Test Information

Test Method: LM-79-2019
Report Number: P1029161
REPORT IS A COMBINATION OF REPORTS P985039 AND P1007351
Test Lab: INNOVATION CENTER
Issue Date: 5/6/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: NEO-RAY
Catalog Number: S122DIW-B1005D1240UB2750-4F0-XX-W2A-A_3500K
Description: Define 2 Direct/Indirect Wall Mount with 3500K BioUP LEDs {m-DER=0.721} {m-EER=0.792}
Light Source: -
Ballast/Driver: -

Summary

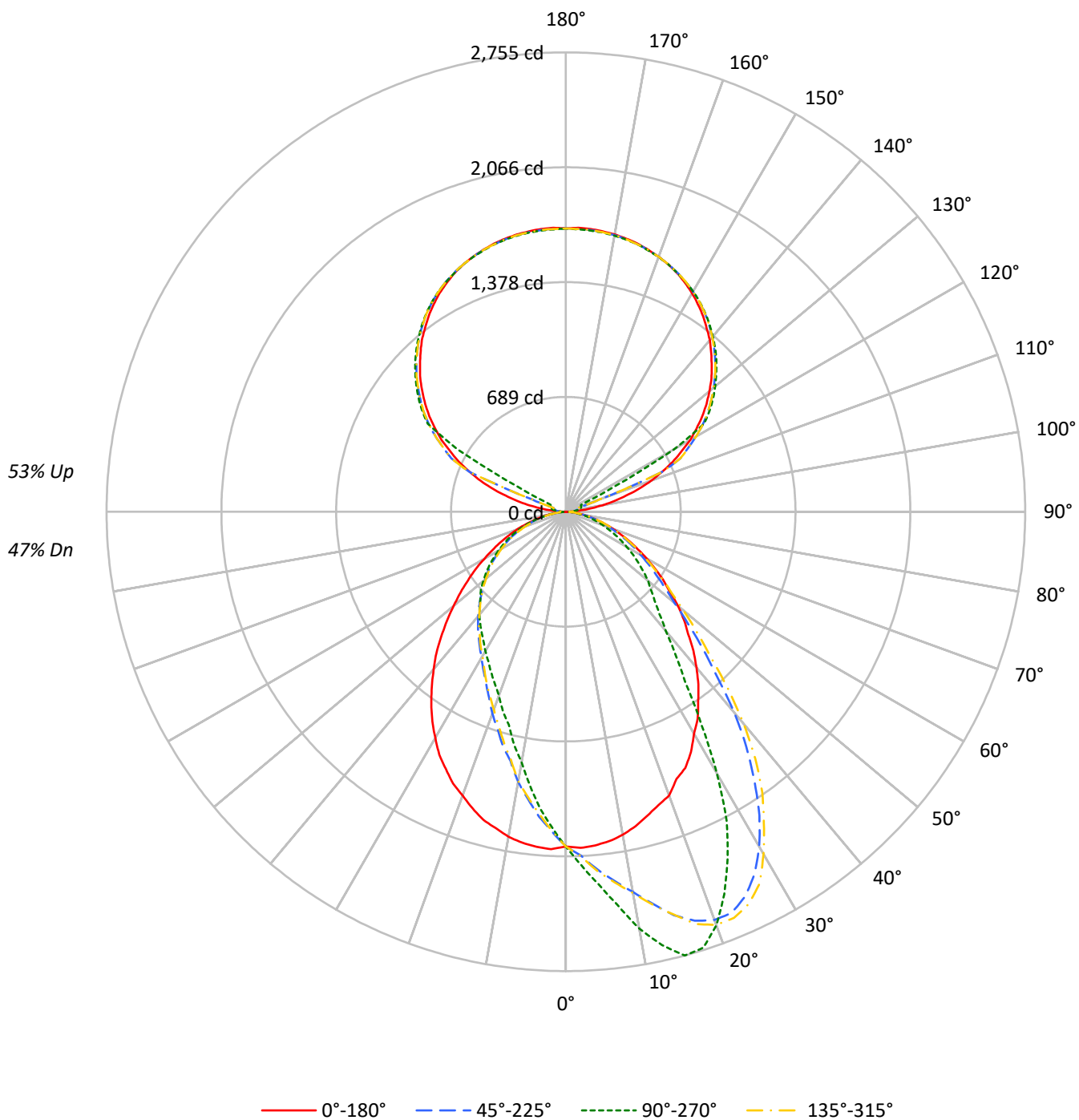
Lumens per Lamp: N/A
Luminaire Lumens: 9411.0 lumens
Efficiency: N/A
Efficacy: 91.0 lumens/watt
Spacing Criteria (0/90/45): 1.16 / 1.09 / 1.23
Luminous Opening: Rectangular w/ Sides (W: 0.17' x L: 4' x H: 0.1')
CIE Type: General Diffuse

Input Watts (W): 103.4
Input Voltage (V):
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT

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Luminous Intensity Polar Plot



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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20
RC	80				70				50				30				10
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10
RCR																	
0	106	106	106	106	98	98	98	98	82	82	82	67	67	67	53	53	53
1	98	93	90	86	90	86	83	80	72	70	68	60	58	57	48	47	46
2	89	82	76	71	82	76	71	66	64	60	57	53	50	48	43	41	39
3	82	73	66	60	75	67	61	56	57	52	48	47	44	41	38	36	34
4	75	65	57	51	69	60	53	48	51	46	42	42	39	36	35	32	30
5	69	58	50	44	63	54	47	41	46	40	36	38	34	31	31	28	26
6	64	52	44	38	58	48	41	36	41	36	32	35	31	28	29	26	23
7	59	47	39	34	54	44	37	32	38	32	28	32	28	25	26	23	21
8	55	43	35	30	50	40	33	28	34	29	25	29	25	22	24	21	19
9	51	39	32	27	47	37	30	25	32	26	23	27	23	20	22	19	17
10	48	36	29	24	44	34	27	23	29	24	21	25	21	18	21	18	16

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	31769	31769	31769	31769
5°	31845	33874	31967	26949
10°	31476	36978	31673	22219
15°	30711	39004	31139	18715
20°	30233	36622	30233	16267
25°	29270	31461	29403	14546
30°	27685	24732	28213	13176
35°	26279	17101	26719	12055
40°	24665	12912	24947	11162
45°	22674	10611	23046	10198
50°	20953	9313	20991	9335
55°	18991	7935	19113	8399
60°	16899	6629	17133	7330
65°	15027	5391	15300	6259
70°	13161	4230	13494	5049
75°	11048	3070	11479	3662
80°	8622	1947	9237	2174
85°	5664	981	6102	727

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 157.5°

Vertical Angle: 45°

Luminance: 32840 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	191.2	2.0
10°-20°	556.4	5.9
20°-30°	807.5	8.6
30°-40°	851.2	9.0
40°-50°	753.3	8.0
50°-60°	601.5	6.4
60°-70°	408.5	4.3
70°-80°	209.0	2.2
80°-90°	52.4	0.6
90°-100°	56.0	0.6
100°-110°	208.8	2.2
110°-120°	553.8	5.9
120°-130°	918.5	9.8
130°-140°	975.7	10.4
140°-150°	906.8	9.6
150°-160°	729.0	7.7
160°-170°	469.8	5.0
170°-180°	161.7	1.7
0°-30°	1555.0	16.5
0°-40°	2406.3	25.6
0°-60°	3761.0	40.0
0°-90°	4431.0	47.1
90°-120°	818.6	8.7
90°-150°	3619.6	38.5
90°-180°	4980.0	52.9
0°-180°	9411.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	2007	2007	2007	2007	2007	
5°	2008	2242	2016	1783	2008	190
15°	1887	2755	1913	1322	1887	533
25°	1695	2295	1703	1061	1695	775
35°	1384	1250	1407	881	1384	866
45°	1038	753	1055	724	1038	805
55°	713	529	717	560	713	636
65°	423	326	430	378	423	420
75°	198	160	205	191	198	212
85°	40	42	43	31	40	47
90°	1	33	1	33	1	7
95°	80	53	80	53	80	95
105°	374	93	374	93	374	399
115°	707	101	707	101	707	696
125°	999	1051	999	1051	999	891
135°	1236	1277	1236	1277	1236	955
145°	1434	1457	1434	1457	1434	897
155°	1580	1581	1580	1581	1580	728
165°	1664	1661	1664	1661	1664	470
175°	1702	1693	1702	1693	1702	162
180°	1699	1699	1699	1699	1699	

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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	2007.0	2007.0	2007.0	2007.0	2007.0	2007.0	2007.0	2007.0	2007.0	2007.0	2007.0
2.5°	2017.8	2022.4	2030.1	2031.7	2047.1	2059.4	2073.3	2073.3	2077.9	2076.4	2064.1
5°	2008.5	2022.4	2042.5	2059.4	2087.2	2099.5	2118.0	2131.9	2144.3	2153.5	2152.0
7.5°	1993.1	2017.8	2047.1	2079.5	2116.5	2138.1	2164.3	2189.0	2206.0	2221.4	2232.2
10°	1966.9	2008.5	2048.6	2091.8	2139.6	2169.0	2199.8	2232.2	2258.4	2287.7	2315.5
12.5°	1931.4	1991.5	2040.9	2098.0	2156.6	2189.0	2238.4	2263.1	2314.0	2388.0	2408.1
15°	1886.6	1968.4	2014.7	2087.2	2164.3	2190.6	2258.4	2298.5	2403.4	2449.7	2505.2
17.5°	1845.0	1936.0	1997.7	2081.0	2156.6	2207.5	2273.9	2355.6	2443.5	2509.9	2571.6
20°	1811.1	1899.0	1973.0	2065.6	2161.2	2226.0	2295.4	2394.2	2489.8	2557.7	2605.5
22.5°	1733.9	1846.5	1932.9	2036.3	2152.0	2241.5	2307.8	2415.8	2519.1	2560.8	2602.4
25°	1695.4	1792.5	1892.8	2010.1	2145.8	2252.3	2309.3	2429.7	2520.7	2536.1	2545.4
27.5°	1624.4	1733.9	1851.2	1985.4	2144.3	2233.7	2306.2	2415.8	2488.3	2477.5	2449.7
30°	1536.5	1670.7	1800.3	1945.3	2122.7	2219.9	2287.7	2388.0	2425.0	2369.5	2320.1
32.5°	1471.7	1598.2	1741.6	1909.8	2098.0	2190.6	2256.9	2335.6	2343.3	2243.0	2159.7
35°	1383.7	1524.1	1686.1	1863.5	2056.3	2139.6	2201.3	2249.2	2212.1	2071.8	1973.0
37.5°	1305.1	1443.9	1616.7	1797.2	1999.3	2081.0	2130.4	2138.1	2047.1	1923.7	1778.7
40°	1218.7	1362.2	1542.6	1732.4	1936.0	2007.0	2037.8	2014.7	1883.6	1740.1	1572.0
42.5°	1132.3	1274.2	1468.6	1663.0	1855.8	1916.0	1928.3	1865.1	1704.6	1536.5	1342.1
45°	1038.2	1186.3	1380.7	1576.6	1763.2	1797.2	1798.7	1707.7	1518.0	1342.1	1161.6
47.5°	961.1	1098.4	1291.2	1487.1	1644.5	1667.6	1658.3	1553.4	1346.7	1149.3	991.9
50°	876.2	1007.3	1198.6	1391.5	1525.7	1531.8	1508.7	1359.1	1157.0	976.5	851.5
52.5°	785.2	917.9	1093.7	1278.8	1399.2	1389.9	1345.2	1184.7	995.0	845.4	749.7
55°	712.7	829.9	995.0	1175.5	1260.3	1234.1	1184.7	1021.2	871.6	745.1	661.8
57.5°	632.5	735.8	897.8	1055.2	1104.5	1079.8	1030.5	877.8	738.9	643.3	587.7
60°	556.9	651.0	792.9	924.0	962.6	936.4	879.3	742.0	641.7	561.5	519.9
62.5°	487.5	569.2	688.0	808.3	823.8	797.5	748.2	637.1	550.7	487.5	456.6
65°	422.7	499.8	595.5	686.5	700.4	672.6	621.7	541.5	469.0	428.9	399.5
67.5°	359.4	421.1	506.0	572.3	580.0	553.8	512.2	447.4	402.6	359.4	337.8
70°	303.9	350.2	416.5	470.5	473.6	448.9	427.3	368.7	334.8	303.9	286.9
72.5°	249.9	282.3	333.2	373.3	374.9	359.4	339.4	302.4	273.0	251.5	234.5
75°	197.5	225.2	256.1	291.6	290.0	277.7	262.2	239.1	214.4	200.5	192.8
77.5°	151.2	168.1	192.8	216.0	216.0	209.8	200.5	183.6	168.1	154.3	146.6
80°	108.0	118.8	138.8	146.6	149.6	148.1	140.4	128.0	121.9	111.1	108.0
82.5°	69.4	77.1	86.4	94.1	98.7	95.6	94.1	87.9	78.7	75.6	72.5
85°	40.1	43.2	47.8	52.4	54.0	52.4	55.5	50.9	46.3	46.3	44.7
87.5°	17.0	18.5	21.6	21.6	23.1	23.1	21.6	23.1	23.1	21.6	20.1
90°	1.2	4.2	7.2	10.2	13.2	14.7	15.8	18.0	20.2	22.4	24.6
92.5°	30.7	29.6	28.5	27.4	26.3	25.8	26.2	27.0	27.9	28.7	29.5
95°	79.9	70.9	61.9	52.8	43.8	39.3	40.3	42.2	44.1	46.0	47.9
97.5°	143.8	121.4	99.0	76.6	54.2	43.0	45.2	49.6	53.9	58.3	62.7
100°	217.6	180.2	142.8	105.3	67.9	49.2	51.5	56.2	60.8	65.5	70.1
102.5°	298.7	298.1	297.6	297.0	296.5	296.2	271.3	221.6	171.9	122.2	72.5
105°	373.7	381.9	390.1	398.2	406.4	410.5	373.2	298.7	224.1	149.6	75.0
107.5°	460.9	467.7	474.6	481.4	488.3	491.7	445.7	353.6	261.5	169.5	77.4
110°	544.5	550.2	556.0	561.7	567.4	570.3	530.8	451.9	373.0	294.0	215.1

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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	623.2	628.1	633.0	637.9	642.8	645.3	643.0	638.3	633.7	629.0	624.4
115°	706.8	711.4	716.1	720.7	725.4	727.7	731.1	737.9	744.8	751.6	758.4
117.5°	779.3	784.8	790.2	795.7	801.2	803.9	806.2	810.9	815.5	820.2	824.8
120°	860.4	864.5	868.6	872.7	876.8	878.9	881.4	886.3	891.2	896.1	901.0
122.5°	929.2	933.6	938.0	942.3	946.7	948.9	951.6	957.1	962.6	968.0	973.5
125°	999.3	1002.9	1006.4	1010.0	1013.5	1015.3	1017.9	1023.1	1028.2	1033.4	1038.6
127.5°	1063.2	1067.0	1070.8	1074.7	1078.5	1080.4	1082.5	1086.6	1090.7	1094.8	1098.9
130°	1123.5	1127.9	1132.2	1136.6	1140.9	1143.1	1144.6	1147.6	1150.6	1153.6	1156.6
132.5°	1184.9	1188.5	1192.0	1195.6	1199.1	1200.9	1202.4	1205.4	1208.4	1211.4	1214.4
135°	1236.5	1240.9	1245.3	1249.6	1254.0	1256.2	1257.4	1259.9	1262.4	1264.8	1267.3
137.5°	1290.6	1293.9	1297.2	1300.5	1303.8	1305.4	1306.8	1309.5	1312.2	1315.0	1317.7
140°	1343.5	1345.7	1347.9	1350.0	1352.2	1353.3	1354.8	1357.8	1360.8	1363.8	1366.8
142.5°	1387.7	1389.6	1391.5	1393.4	1395.3	1396.3	1398.1	1401.6	1405.2	1408.7	1412.3
145°	1434.4	1434.1	1433.9	1433.6	1433.3	1433.2	1435.5	1440.2	1444.8	1449.5	1454.1
147.5°	1475.0	1474.2	1473.4	1472.5	1471.7	1471.3	1473.6	1478.3	1482.9	1487.6	1492.2
150°	1514.3	1512.4	1510.5	1508.6	1506.7	1505.7	1507.9	1512.3	1516.6	1521.0	1525.4
152.5°	1547.5	1545.3	1543.1	1541.0	1538.8	1537.7	1539.7	1543.8	1547.9	1552.0	1556.1
155°	1579.5	1577.0	1574.6	1572.1	1569.6	1568.4	1570.0	1573.3	1576.6	1579.9	1583.2
157.5°	1605.3	1603.1	1600.9	1598.8	1596.6	1595.5	1596.7	1599.2	1601.6	1604.1	1606.5
160°	1627.4	1625.8	1624.1	1622.5	1620.8	1620.0	1620.8	1622.5	1624.1	1625.8	1627.4
162.5°	1647.1	1645.5	1643.8	1642.2	1640.5	1639.7	1640.4	1641.8	1643.1	1644.5	1645.9
165°	1664.3	1662.7	1661.0	1659.4	1657.7	1656.9	1657.3	1658.1	1659.0	1659.8	1660.6
167.5°	1677.8	1676.2	1674.5	1672.9	1671.2	1670.4	1670.8	1671.6	1672.5	1673.3	1674.1
170°	1688.9	1687.3	1685.6	1684.0	1682.3	1681.5	1681.8	1682.3	1682.9	1683.4	1684.0
172.5°	1696.2	1694.6	1693.0	1691.3	1689.7	1688.9	1689.2	1689.7	1690.2	1690.8	1691.3
175°	1702.4	1700.5	1698.6	1696.7	1694.8	1693.8	1694.1	1694.6	1695.1	1695.7	1696.2
177.5°	1704.9	1703.0	1701.0	1699.1	1697.2	1696.2	1696.3	1696.6	1696.9	1697.2	1697.5
180°	1698.7	1698.7	1698.7	1698.7	1698.7	1698.7	1698.7	1698.7	1698.7	1698.7	1698.7

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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	2007.0	2007.0	2007.0	2007.0	2007.0	2007.0	2007.0	2007.0	2007.0	2007.0	2007.0
2.5°	2085.7	2087.2	2090.3	2105.7	2113.4	2115.0	2108.8	2122.7	2127.3	2122.7	2119.6
5°	2184.4	2193.6	2212.1	2232.2	2230.7	2232.2	2241.5	2250.7	2253.8	2241.5	2246.1
7.5°	2270.8	2289.3	2309.3	2340.2	2340.2	2355.6	2361.8	2369.5	2388.0	2378.8	2375.7
10°	2369.5	2394.2	2431.2	2480.6	2482.1	2497.5	2513.0	2537.6	2545.4	2539.2	2542.3
12.5°	2492.9	2540.7	2543.8	2597.8	2622.5	2625.6	2650.3	2645.6	2661.1	2661.1	2687.3
15°	2546.9	2620.9	2662.6	2715.0	2730.5	2712.0	2732.0	2753.6	2755.2	2755.2	2753.6
17.5°	2644.1	2673.4	2715.0	2742.8	2749.0	2749.0	2750.5	2759.8	2753.6	2741.3	2750.5
20°	2664.1	2676.5	2691.9	2688.8	2691.9	2676.5	2661.1	2645.6	2647.2	2639.5	2662.6
22.5°	2627.1	2624.0	2588.6	2565.4	2565.4	2534.6	2505.2	2491.4	2477.5	2482.1	2489.8
25°	2534.6	2486.7	2443.5	2409.6	2401.9	2352.5	2312.4	2300.1	2276.9	2295.4	2298.5
27.5°	2386.5	2332.5	2263.1	2233.7	2193.6	2173.6	2145.8	2108.8	2061.0	2088.7	2084.1
30°	2227.6	2147.4	2090.3	2019.3	1956.1	1951.4	1899.0	1837.3	1812.6	1812.6	1826.5
32.5°	2050.2	1943.7	1860.4	1760.2	1698.4	1672.2	1609.0	1547.3	1561.2	1514.9	1531.8
35°	1843.5	1703.1	1598.2	1501.0	1454.7	1423.9	1342.1	1308.2	1271.1	1249.5	1289.6
37.5°	1646.0	1484.0	1349.8	1243.4	1226.4	1170.9	1115.3	1093.7	1072.1	1081.4	1079.8
40°	1405.3	1261.9	1141.6	1058.3	1028.9	1002.7	965.7	939.5	925.6	933.3	934.8
42.5°	1187.8	1067.5	978.0	919.4	894.7	876.2	857.7	836.1	831.5	831.5	837.7
45°	1019.7	921.0	860.8	813.0	799.1	785.2	771.3	762.1	759.0	752.8	757.4
47.5°	885.5	806.8	769.8	734.3	718.9	715.8	703.4	698.8	692.6	691.1	692.6
50°	772.9	723.5	689.6	669.5	658.7	654.1	647.9	638.7	635.6	643.3	640.2
52.5°	694.2	647.9	629.4	609.3	603.2	597.0	587.7	589.3	587.7	584.7	584.7
55°	615.5	586.2	567.7	552.3	550.7	544.6	536.8	533.8	532.2	529.1	533.8
57.5°	552.3	529.1	512.2	498.3	492.1	492.1	484.4	478.2	478.2	476.7	478.2
60°	489.0	465.9	455.1	441.2	436.6	435.0	430.4	427.3	422.7	422.7	422.7
62.5°	430.4	411.9	399.5	387.2	388.7	381.0	374.9	371.8	371.8	373.3	373.3
65°	374.9	362.5	347.1	336.3	333.2	331.7	328.6	327.0	322.4	325.5	325.5
67.5°	324.0	307.0	297.7	293.1	288.5	286.9	283.8	280.8	279.2	277.7	280.8
70°	273.0	259.2	251.5	248.4	243.7	242.2	240.7	236.0	237.6	239.1	240.7
72.5°	226.8	214.4	212.9	203.6	203.6	203.6	197.5	200.5	199.0	195.9	199.0
75°	178.9	172.8	169.7	165.1	166.6	165.1	163.5	158.9	158.9	160.4	162.0
77.5°	141.9	135.8	134.2	129.6	126.5	129.6	126.5	125.0	125.0	126.5	126.5
80°	104.9	101.8	97.2	97.2	97.2	95.6	95.6	95.6	94.1	92.6	94.1
82.5°	69.4	69.4	67.9	66.3	67.9	64.8	66.3	66.3	66.3	66.3	66.3
85°	44.7	43.2	43.2	41.7	41.7	41.7	43.2	40.1	40.1	41.7	41.7
87.5°	20.1	20.1	20.1	21.6	20.1	20.1	20.1	21.6	20.1	20.1	20.1
90°	26.0	27.3	28.7	30.0	30.7	31.0	31.5	32.1	32.6	33.2	32.6
92.5°	30.1	30.6	31.2	31.7	32.0	32.1	32.4	32.7	32.9	33.2	32.9
95°	49.3	50.7	52.0	53.4	54.1	54.0	53.7	53.4	53.2	52.9	53.2
97.5°	63.5	64.3	65.2	66.0	66.4	66.5	66.8	67.1	67.3	67.6	67.3
100°	72.3	74.5	76.6	78.8	79.9	80.2	80.7	81.3	81.8	82.4	81.8
102.5°	75.5	78.5	81.5	84.5	86.0	86.4	87.2	88.1	88.9	89.7	88.9
105°	78.0	81.0	84.0	87.0	88.5	89.0	90.1	91.2	92.3	93.4	92.3
107.5°	80.4	83.4	86.5	89.5	91.0	91.5	92.6	93.7	94.8	95.9	94.8
110°	187.8	160.5	133.2	105.9	92.2	92.7	93.8	94.9	96.0	97.1	96.0

TEST NUMBER: P1029161

CATALOG NUMBER: S122DIW-B1005D1240UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	506.7	388.9	271.2	153.5	94.6	95.0	95.8	96.7	97.5	98.3	97.5
115°	631.9	505.5	379.0	252.5	189.3	179.5	159.8	140.1	120.5	100.8	120.5
117.5°	785.7	746.7	707.6	668.5	649.0	613.2	541.7	470.1	398.6	327.0	398.6
120°	904.3	907.5	910.8	914.1	915.7	897.3	860.4	823.5	786.7	749.8	786.7
122.5°	975.1	976.8	978.4	980.1	980.9	981.0	981.3	981.6	981.8	982.1	981.8
125°	1040.5	1042.4	1044.3	1046.2	1047.2	1047.6	1048.4	1049.3	1050.1	1050.9	1050.1
127.5°	1101.6	1104.4	1107.1	1109.8	1111.2	1111.3	1111.6	1111.9	1112.1	1112.4	1112.1
130°	1159.6	1162.6	1165.7	1168.7	1170.2	1170.1	1169.8	1169.5	1169.2	1168.9	1169.2
132.5°	1216.9	1219.3	1221.8	1224.3	1225.5	1225.4	1225.1	1224.8	1224.5	1224.2	1224.5
135°	1270.0	1272.8	1275.5	1278.2	1279.6	1279.3	1278.8	1278.2	1277.7	1277.1	1277.7
137.5°	1320.4	1323.2	1325.9	1328.6	1330.0	1329.6	1328.8	1327.9	1327.1	1326.3	1327.1
140°	1369.3	1371.7	1374.2	1376.7	1377.9	1377.2	1375.8	1374.5	1373.1	1371.7	1373.1
142.5°	1414.5	1416.7	1418.8	1421.0	1422.1	1421.4	1420.1	1418.7	1417.4	1416.0	1417.4
145°	1456.0	1457.9	1459.8	1461.7	1462.7	1462.0	1460.7	1459.3	1458.0	1456.6	1458.0
147.5°	1493.6	1495.0	1496.3	1497.7	1498.4	1497.8	1496.7	1495.6	1494.5	1493.4	1494.5
150°	1527.0	1528.7	1530.3	1532.0	1532.8	1532.1	1530.7	1529.4	1528.0	1526.6	1528.0
152.5°	1557.7	1559.4	1561.0	1562.7	1563.5	1562.5	1560.6	1558.7	1556.8	1554.9	1556.8
155°	1584.8	1586.4	1588.1	1589.7	1590.5	1589.4	1587.2	1585.1	1582.9	1580.7	1582.9
157.5°	1608.4	1610.3	1612.2	1614.1	1615.1	1614.0	1611.8	1609.7	1607.5	1605.3	1607.5
160°	1629.0	1630.7	1632.3	1634.0	1634.8	1633.8	1631.9	1630.0	1628.1	1626.2	1628.1
162.5°	1647.8	1649.7	1651.6	1653.5	1654.5	1653.3	1650.8	1648.3	1645.9	1643.4	1645.9
165°	1662.5	1664.4	1666.3	1668.2	1669.2	1668.2	1666.3	1664.4	1662.5	1660.6	1662.5
167.5°	1676.0	1677.9	1679.8	1681.7	1682.7	1681.5	1679.0	1676.6	1674.1	1671.7	1674.1
170°	1685.9	1687.8	1689.7	1691.6	1692.6	1691.4	1688.9	1686.4	1684.0	1681.5	1684.0
172.5°	1693.2	1695.1	1697.0	1698.9	1699.9	1698.7	1696.2	1693.8	1691.3	1688.9	1691.3
175°	1698.1	1700.1	1702.0	1703.9	1704.9	1703.5	1700.8	1698.1	1695.3	1692.6	1695.3
177.5°	1699.4	1701.3	1703.2	1705.1	1706.1	1704.9	1702.4	1699.9	1697.5	1695.0	1697.5
180°	1698.7	1698.7	1698.7	1698.7	1698.7	1698.7	1698.7	1698.7	1698.7	1698.7	1698.7

TEST NUMBER: P1029161

CATALOG NUMBER: S122DIW-B1005D1240UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	2007.0	2007.0	2007.0	2007.0	2007.0	2007.0	2007.0	2007.0	2007.0	2007.0	2007.0
2.5°	2127.3	2116.5	2107.2	2108.8	2116.5	2110.3	2094.9	2074.9	2067.1	2057.9	2067.1
5°	2255.3	2246.1	2227.6	2229.1	2224.5	2218.3	2193.6	2162.8	2162.8	2138.1	2135.0
7.5°	2381.8	2368.0	2355.6	2352.5	2335.6	2323.2	2301.6	2258.4	2241.5	2212.1	2195.2
10°	2523.8	2513.0	2499.1	2482.1	2472.9	2451.3	2415.8	2352.5	2321.7	2281.6	2252.3
12.5°	2667.2	2665.7	2634.8	2600.9	2599.3	2565.4	2540.7	2455.9	2414.2	2360.2	2290.8
15°	2758.2	2750.5	2733.6	2716.6	2721.2	2684.2	2628.7	2528.4	2500.6	2435.8	2361.8
17.5°	2756.7	2756.7	2752.1	2749.0	2744.4	2733.6	2702.7	2636.4	2591.6	2509.9	2440.5
20°	2668.8	2688.8	2693.5	2691.9	2707.3	2715.0	2713.5	2671.9	2636.4	2563.9	2492.9
22.5°	2492.9	2539.2	2559.2	2571.6	2604.0	2620.9	2661.1	2645.6	2636.4	2582.4	2522.2
25°	2329.4	2344.8	2405.0	2408.1	2452.8	2494.5	2534.6	2560.8	2594.7	2574.7	2523.8
27.5°	2118.0	2153.5	2196.7	2229.1	2238.4	2323.2	2389.6	2438.9	2516.0	2522.2	2505.2
30°	1878.9	1895.9	1966.9	2010.1	2059.4	2121.1	2216.8	2301.6	2371.0	2434.3	2455.9
32.5°	1587.4	1656.8	1698.4	1750.9	1794.1	1903.6	2020.9	2130.4	2210.6	2317.0	2363.3
35°	1320.5	1374.5	1445.5	1467.1	1545.7	1638.3	1791.0	1931.4	2053.3	2161.2	2255.3
37.5°	1099.9	1143.1	1218.7	1252.6	1298.9	1417.7	1545.7	1720.0	1866.6	1999.3	2116.5
40°	948.7	981.1	1038.2	1049.0	1087.6	1195.5	1298.9	1462.4	1656.8	1835.7	1963.8
42.5°	845.4	860.8	899.4	913.2	937.9	1010.4	1103.0	1257.3	1437.7	1622.9	1803.3
45°	771.3	782.1	805.3	817.6	848.5	880.8	956.4	1079.8	1221.8	1408.4	1602.8
47.5°	705.0	718.9	728.1	735.8	752.8	788.3	837.7	928.7	1064.4	1235.7	1423.9
50°	649.5	654.1	671.0	672.6	683.4	706.5	752.8	808.3	916.3	1055.2	1237.2
52.5°	593.9	598.5	609.3	620.1	624.8	643.3	674.1	720.4	800.6	910.2	1072.1
55°	538.4	544.6	555.4	563.1	567.7	583.1	601.6	646.4	709.6	786.7	919.4
57.5°	482.8	496.7	499.8	504.4	512.2	529.1	546.1	572.3	621.7	692.6	789.8
60°	430.4	435.0	445.8	450.5	458.2	467.4	489.0	509.1	544.6	600.1	688.0
62.5°	376.4	387.2	391.8	396.5	402.6	413.4	427.3	448.9	479.8	524.5	593.9
65°	330.1	331.7	340.9	347.1	353.3	361.0	374.9	394.9	413.4	455.1	506.0
67.5°	285.4	288.5	291.6	297.7	305.4	313.2	325.5	336.3	359.4	387.2	427.3
70°	242.2	242.2	249.9	254.5	253.0	262.2	271.5	283.8	300.8	327.0	359.4
72.5°	203.6	202.1	208.3	209.8	212.9	219.1	225.2	237.6	246.8	266.9	291.6
75°	162.0	165.1	168.1	168.1	172.8	177.4	183.6	189.7	200.5	212.9	231.4
77.5°	128.0	128.0	131.1	132.7	137.3	135.8	141.9	148.1	155.8	166.6	180.5
80°	94.1	97.2	97.2	97.2	98.7	100.3	106.4	111.1	115.7	123.4	129.6
82.5°	66.3	66.3	69.4	69.4	69.4	72.5	72.5	74.0	77.1	81.8	86.4
85°	41.7	41.7	41.7	43.2	41.7	43.2	46.3	44.7	46.3	49.4	49.4
87.5°	20.1	20.1	20.1	20.1	20.1	21.6	20.1	21.6	23.1	23.1	23.1
90°	32.1	31.5	31.0	30.7	30.0	28.7	27.3	26.0	24.6	22.4	20.2
92.5°	32.7	32.4	32.1	32.0	31.7	31.2	30.6	30.1	29.5	28.7	27.9
95°	53.4	53.7	54.0	54.1	53.4	52.0	50.7	49.3	47.9	46.0	44.1
97.5°	67.1	66.8	66.5	66.4	66.0	65.2	64.3	63.5	62.7	58.3	53.9
100°	81.3	80.7	80.2	79.9	78.8	76.6	74.5	72.3	70.1	65.5	60.8
102.5°	88.1	87.2	86.4	86.0	84.5	81.5	78.5	75.5	72.5	122.2	171.9
105°	91.2	90.1	89.0	88.5	87.0	84.0	81.0	78.0	75.0	149.6	224.1
107.5°	93.7	92.6	91.5	91.0	89.5	86.5	83.4	80.4	77.4	169.5	261.5
110°	94.9	93.8	92.7	92.2	105.9	133.2	160.5	187.8	215.1	294.0	373.0

TEST NUMBER: P1029161

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CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	96.7	95.8	95.0	94.6	153.5	271.2	388.9	506.7	624.4	629.0	633.7
115°	140.1	159.8	179.5	189.3	252.5	379.0	505.5	631.9	758.4	751.6	744.8
117.5°	470.1	541.7	613.2	649.0	668.5	707.6	746.7	785.7	824.8	820.2	815.5
120°	823.5	860.4	897.3	915.7	914.1	910.8	907.5	904.3	901.0	896.1	891.2
122.5°	981.6	981.3	981.0	980.9	980.1	978.4	976.8	975.1	973.5	968.0	962.6
125°	1049.3	1048.4	1047.6	1047.2	1046.2	1044.3	1042.4	1040.5	1038.6	1033.4	1028.2
127.5°	1111.9	1111.6	1111.3	1111.2	1109.8	1107.1	1104.4	1101.6	1098.9	1094.8	1090.7
130°	1169.5	1169.8	1170.1	1170.2	1168.7	1165.7	1162.6	1159.6	1156.6	1153.6	1150.6
132.5°	1224.8	1225.1	1225.4	1225.5	1224.3	1221.8	1219.3	1216.9	1214.4	1211.4	1208.4
135°	1278.2	1278.8	1279.3	1279.6	1278.2	1275.5	1272.8	1270.0	1267.3	1264.8	1262.4
137.5°	1327.9	1328.8	1329.6	1330.0	1328.6	1325.9	1323.2	1320.4	1317.7	1315.0	1312.2
140°	1374.5	1375.8	1377.2	1377.9	1376.7	1374.2	1371.7	1369.3	1366.8	1363.8	1360.8
142.5°	1418.7	1420.1	1421.4	1422.1	1421.0	1418.8	1416.7	1414.5	1412.3	1408.7	1405.2
145°	1459.3	1460.7	1462.0	1462.7	1461.7	1459.8	1457.9	1456.0	1454.1	1449.5	1444.8
147.5°	1495.6	1496.7	1497.8	1498.4	1497.7	1496.3	1495.0	1493.6	1492.2	1487.6	1482.9
150°	1529.4	1530.7	1532.1	1532.8	1532.0	1530.3	1528.7	1527.0	1525.4	1521.0	1516.6
152.5°	1558.7	1560.6	1562.5	1563.5	1562.7	1561.0	1559.4	1557.7	1556.1	1552.0	1547.9
155°	1585.1	1587.2	1589.4	1590.5	1589.7	1588.1	1586.4	1584.8	1583.2	1579.9	1576.6
157.5°	1609.7	1611.8	1614.0	1615.1	1614.1	1612.2	1610.3	1608.4	1606.5	1604.1	1601.6
160°	1630.0	1631.9	1633.8	1634.8	1634.0	1632.3	1630.7	1629.0	1627.4	1625.8	1624.1
162.5°	1648.3	1650.8	1653.3	1654.5	1653.5	1651.6	1649.7	1647.8	1645.9	1644.5	1643.1
165°	1664.4	1666.3	1668.2	1669.2	1668.2	1666.3	1664.4	1662.5	1660.6	1659.8	1659.0
167.5°	1676.6	1679.0	1681.5	1682.7	1681.7	1679.8	1677.9	1676.0	1674.1	1673.3	1672.5
170°	1686.4	1688.9	1691.4	1692.6	1691.6	1689.7	1687.8	1685.9	1684.0	1683.4	1682.9
172.5°	1693.8	1696.2	1698.7	1699.9	1698.9	1697.0	1695.1	1693.2	1691.3	1690.8	1690.2
175°	1698.1	1700.8	1703.5	1704.9	1703.9	1702.0	1700.1	1698.1	1696.2	1695.7	1695.1
177.5°	1699.9	1702.4	1704.9	1706.1	1705.1	1703.2	1701.3	1699.4	1697.5	1697.2	1696.9
180°	1698.7	1698.7	1698.7	1698.7	1698.7	1698.7	1698.7	1698.7	1698.7	1698.7	1698.7

TEST NUMBER: P1029161

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CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
0°	2007.0	2007.0	2007.0	2007.0	2007.0	2007.0	2007.0	2007.0	2007.0	2007.0	2007.0
2.5°	2059.4	2051.7	2047.1	2050.2	2040.9	2017.8	2017.8	2025.5	2016.2	2007.0	1993.1
5°	2116.5	2101.1	2091.8	2090.3	2068.7	2031.7	2023.9	2016.2	1996.2	1974.6	1951.4
7.5°	2172.0	2144.3	2128.8	2118.0	2087.2	2039.4	2019.3	2002.3	1970.0	1937.6	1908.2
10°	2218.3	2178.2	2159.7	2142.7	2102.6	2042.5	2010.1	1979.2	1937.6	1895.9	1858.9
12.5°	2255.3	2209.1	2185.9	2161.2	2111.9	2033.2	1993.1	1943.7	1902.1	1846.5	1809.5
15°	2317.0	2221.4	2199.8	2176.7	2125.8	2017.8	1968.4	1912.9	1855.8	1781.8	1741.6
17.5°	2366.4	2238.4	2236.8	2187.5	2121.1	2011.6	1936.0	1863.5	1801.8	1727.8	1664.5
20°	2395.7	2264.6	2239.9	2189.0	2105.7	1970.0	1891.3	1811.1	1744.7	1655.3	1592.0
22.5°	2420.4	2301.6	2236.8	2175.1	2073.3	1956.1	1840.4	1764.8	1673.8	1576.6	1516.4
25°	2429.7	2309.3	2241.5	2170.5	2050.2	1916.0	1784.8	1703.1	1601.3	1513.3	1431.6
27.5°	2431.2	2307.8	2224.5	2150.4	2017.8	1863.5	1729.3	1642.9	1530.3	1428.5	1346.7
30°	2415.8	2290.8	2215.2	2135.0	1986.9	1815.7	1661.4	1565.8	1445.5	1343.6	1258.8
32.5°	2369.5	2256.9	2195.2	2107.2	1946.8	1749.4	1596.6	1490.2	1363.7	1263.4	1181.7
35°	2292.4	2215.2	2147.4	2065.6	1894.4	1687.6	1531.8	1406.9	1278.8	1183.2	1106.1
37.5°	2196.7	2155.1	2091.8	2011.6	1834.2	1632.1	1459.3	1320.5	1192.5	1099.9	1024.3
40°	2067.1	2077.9	2016.2	1943.7	1763.2	1556.5	1365.2	1232.6	1112.2	1025.9	951.8
42.5°	1926.8	1971.5	1936.0	1866.6	1684.6	1473.2	1295.8	1149.3	1032.0	942.6	880.8
45°	1775.6	1852.7	1831.1	1780.2	1602.8	1385.3	1197.1	1055.2	951.8	865.4	811.4
47.5°	1610.5	1720.0	1720.0	1683.0	1511.8	1297.4	1112.2	967.2	865.4	803.7	751.3
50°	1442.4	1565.8	1585.8	1561.2	1410.0	1197.1	1008.9	877.8	789.8	729.7	691.1
52.5°	1266.5	1410.0	1447.0	1434.7	1302.0	1101.4	924.0	796.0	715.8	663.3	629.4
55°	1098.4	1265.0	1305.1	1309.7	1186.3	996.5	829.9	717.3	640.2	604.7	575.4
57.5°	939.5	1099.9	1144.6	1152.4	1069.1	900.9	742.0	643.3	573.9	544.6	521.4
60°	803.7	937.9	996.5	1013.5	941.0	789.8	660.3	564.6	512.2	484.4	462.8
62.5°	692.6	800.6	862.3	867.0	834.6	692.6	575.4	495.2	450.5	425.8	415.0
65°	584.7	681.8	718.9	737.4	711.2	600.1	496.7	430.4	394.9	373.3	362.5
67.5°	498.3	560.0	590.8	615.5	589.3	506.0	422.7	368.7	342.5	320.9	314.7
70°	408.8	459.7	482.8	507.5	484.4	421.1	361.0	311.6	288.5	271.5	263.8
72.5°	327.0	367.1	388.7	404.2	390.3	337.8	288.5	254.5	237.6	225.2	220.6
75°	259.2	286.9	299.3	310.1	303.9	263.8	232.9	205.2	189.7	178.9	175.9
77.5°	197.5	217.5	231.4	234.5	226.8	200.5	174.3	157.3	145.0	138.8	135.8
80°	140.4	152.7	160.4	165.1	157.3	146.6	128.0	115.7	104.9	97.2	95.6
82.5°	94.1	100.3	106.4	104.9	101.8	92.6	81.8	75.6	71.0	64.8	64.8
85°	54.0	55.5	58.6	60.2	58.6	52.4	46.3	43.2	40.1	35.5	35.5
87.5°	23.1	24.7	24.7	26.2	23.1	23.1	20.1	17.0	17.0	15.4	13.9
90°	18.0	15.8	14.7	13.2	10.2	7.2	4.2	1.2	4.2	7.2	10.2
92.5°	27.0	26.2	25.8	26.3	27.4	28.5	29.6	30.7	29.6	28.5	27.4
95°	42.2	40.3	39.3	43.8	52.8	61.9	70.9	79.9	70.9	61.9	52.8
97.5°	49.6	45.2	43.0	54.2	76.6	99.0	121.4	143.8	121.4	99.0	76.6
100°	56.2	51.5	49.2	67.9	105.3	142.8	180.2	217.6	180.2	142.8	105.3
102.5°	221.6	271.3	296.2	296.5	297.0	297.6	298.1	298.7	298.1	297.6	297.0
105°	298.7	373.2	410.5	406.4	398.2	390.1	381.9	373.7	381.9	390.1	398.2
107.5°	353.6	445.7	491.7	488.3	481.4	474.6	467.7	460.9	467.7	474.6	481.4
110°	451.9	530.8	570.3	567.4	561.7	556.0	550.2	544.5	550.2	556.0	561.7

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CATALOG NUMBER: S122DIW-B1005D1240UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
112.5°	638.3	643.0	645.3	642.8	637.9	633.0	628.1	623.2	628.1	633.0	637.9
115°	737.9	731.1	727.7	725.4	720.7	716.1	711.4	706.8	711.4	716.1	720.7
117.5°	810.9	806.2	803.9	801.2	795.7	790.2	784.8	779.3	784.8	790.2	795.7
120°	886.3	881.4	878.9	876.8	872.7	868.6	864.5	860.4	864.5	868.6	872.7
122.5°	957.1	951.6	948.9	946.7	942.3	938.0	933.6	929.2	933.6	938.0	942.3
125°	1023.1	1017.9	1015.3	1013.5	1010.0	1006.4	1002.9	999.3	1002.9	1006.4	1010.0
127.5°	1086.6	1082.5	1080.4	1078.5	1074.7	1070.8	1067.0	1063.2	1067.0	1070.8	1074.7
130°	1147.6	1144.6	1143.1	1140.9	1136.6	1132.2	1127.9	1123.5	1127.9	1132.2	1136.6
132.5°	1205.4	1202.4	1200.9	1199.1	1195.6	1192.0	1188.5	1184.9	1188.5	1192.0	1195.6
135°	1259.9	1257.4	1256.2	1254.0	1249.6	1245.3	1240.9	1236.5	1240.9	1245.3	1249.6
137.5°	1309.5	1306.8	1305.4	1303.8	1300.5	1297.2	1293.9	1290.6	1293.9	1297.2	1300.5
140°	1357.8	1354.8	1353.3	1352.2	1350.0	1347.9	1345.7	1343.5	1345.7	1347.9	1350.0
142.5°	1401.6	1398.1	1396.3	1395.3	1393.4	1391.5	1389.6	1387.7	1389.6	1391.5	1393.4
145°	1440.2	1435.5	1433.2	1433.3	1433.6	1433.9	1434.1	1434.4	1434.1	1433.9	1433.6
147.5°	1478.3	1473.6	1471.3	1471.7	1472.5	1473.4	1474.2	1475.0	1474.2	1473.4	1472.5
150°	1512.3	1507.9	1505.7	1506.7	1508.6	1510.5	1512.4	1514.3	1512.4	1510.5	1508.6
152.5°	1543.8	1539.7	1537.7	1538.8	1541.0	1543.1	1545.3	1547.5	1545.3	1543.1	1541.0
155°	1573.3	1570.0	1568.4	1569.6	1572.1	1574.6	1577.0	1579.5	1577.0	1574.6	1572.1
157.5°	1599.2	1596.7	1595.5	1596.6	1598.8	1600.9	1603.1	1605.3	1603.1	1600.9	1598.8
160°	1622.5	1620.8	1620.0	1620.8	1622.5	1624.1	1625.8	1627.4	1625.8	1624.1	1622.5
162.5°	1641.8	1640.4	1639.7	1640.5	1642.2	1643.8	1645.5	1647.1	1645.5	1643.8	1642.2
165°	1658.1	1657.3	1656.9	1657.7	1659.4	1661.0	1662.7	1664.3	1662.7	1661.0	1659.4
167.5°	1671.6	1670.8	1670.4	1671.2	1672.9	1674.5	1676.2	1677.8	1676.2	1674.5	1672.9
170°	1682.3	1681.8	1681.5	1682.3	1684.0	1685.6	1687.3	1688.9	1687.3	1685.6	1684.0
172.5°	1689.7	1689.2	1688.9	1689.7	1691.3	1693.0	1694.6	1696.2	1694.6	1693.0	1691.3
175°	1694.6	1694.1	1693.8	1694.8	1696.7	1698.6	1700.5	1702.4	1700.5	1698.6	1696.7
177.5°	1696.6	1696.3	1696.2	1697.2	1699.1	1701.0	1703.0	1704.9	1703.0	1701.0	1699.1
180°	1698.7	1698.7	1698.7	1698.7	1698.7	1698.7	1698.7	1698.7	1698.7	1698.7	1698.7

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CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
0°	2007.0	2007.0	2007.0	2007.0	2007.0	2007.0	2007.0	2007.0	2007.0	2007.0	2007.0
2.5°	1985.4	1993.1	1991.5	1976.1	1959.2	1945.3	1919.0	1922.1	1912.9	1914.4	1923.7
5°	1936.0	1936.0	1929.8	1908.2	1880.5	1865.1	1835.7	1828.0	1809.5	1808.0	1806.4
7.5°	1883.6	1875.9	1868.1	1837.3	1803.3	1778.7	1738.6	1729.3	1710.8	1698.4	1692.3
10°	1821.9	1811.1	1795.6	1760.2	1718.5	1687.6	1646.0	1633.7	1598.2	1582.7	1573.5
12.5°	1754.0	1747.8	1723.1	1693.8	1625.9	1592.0	1531.8	1544.2	1508.7	1477.9	1473.2
15°	1686.1	1663.0	1649.1	1601.3	1519.5	1504.1	1456.3	1431.6	1399.2	1374.5	1374.5
17.5°	1619.8	1584.3	1553.4	1502.5	1442.4	1399.2	1363.7	1351.4	1311.2	1286.6	1281.9
20°	1531.8	1491.7	1484.0	1411.5	1369.9	1322.0	1288.1	1257.3	1227.9	1217.1	1209.4
22.5°	1448.5	1402.3	1389.9	1328.2	1286.6	1238.7	1204.8	1183.2	1161.6	1153.9	1140.0
25°	1359.1	1331.3	1312.8	1246.5	1200.2	1155.4	1132.3	1116.9	1096.8	1095.3	1086.0
27.5°	1272.7	1246.5	1227.9	1164.7	1130.8	1089.1	1070.6	1053.6	1042.8	1038.2	1033.6
30°	1198.6	1169.3	1147.7	1101.4	1059.8	1025.9	1010.4	999.6	993.5	985.7	984.2
32.5°	1116.9	1099.9	1070.6	1035.1	1002.7	970.3	961.1	953.4	944.1	941.0	939.5
35°	1047.5	1024.3	1005.8	965.7	951.8	924.0	913.2	907.1	894.7	891.6	888.6
37.5°	979.6	958.0	937.9	913.2	887.0	871.6	865.4	856.2	850.0	851.5	848.5
40°	911.7	894.7	879.3	853.1	837.7	829.9	817.6	808.3	805.3	806.8	805.3
42.5°	845.4	829.9	820.7	800.6	785.2	777.5	769.8	760.5	765.1	765.1	769.8
45°	785.2	771.3	765.1	749.7	740.5	728.1	720.4	718.9	725.0	723.5	723.5
47.5°	723.5	718.9	711.2	697.3	684.9	677.2	675.7	675.7	681.8	684.9	683.4
50°	675.7	666.4	657.2	646.4	637.1	634.0	629.4	632.5	638.7	638.7	641.7
52.5°	615.5	609.3	606.3	597.0	590.8	590.8	590.8	592.4	597.0	601.6	600.1
55°	563.1	558.4	555.4	550.7	543.0	544.6	543.0	546.1	550.7	555.4	558.4
57.5°	507.5	506.0	502.9	495.2	495.2	493.6	498.3	499.8	507.5	510.6	515.2
60°	458.2	453.5	453.5	447.4	447.4	447.4	452.0	456.6	462.8	464.3	467.4
62.5°	405.7	405.7	404.2	399.5	399.5	404.2	405.7	411.9	415.0	415.0	419.6
65°	356.4	354.8	353.3	354.8	356.4	356.4	361.0	364.1	367.1	368.7	370.2
67.5°	307.0	305.4	308.5	307.0	310.1	316.2	314.7	319.3	324.0	324.0	325.5
70°	260.7	263.8	262.2	265.3	263.8	266.9	271.5	273.0	273.0	274.6	279.2
72.5°	217.5	217.5	217.5	216.0	217.5	220.6	223.7	225.2	228.3	229.9	234.5
75°	175.9	175.9	172.8	175.9	175.9	178.9	182.0	182.0	182.0	185.1	189.7
77.5°	132.7	134.2	132.7	135.8	135.8	137.3	140.4	138.8	141.9	143.5	145.0
80°	97.2	95.6	95.6	95.6	97.2	97.2	100.3	101.8	101.8	106.4	103.4
82.5°	61.7	63.2	61.7	63.2	63.2	64.8	63.2	64.8	66.3	69.4	67.9
85°	35.5	33.9	33.9	35.5	33.9	33.9	35.5	33.9	35.5	33.9	35.5
87.5°	13.9	12.3	12.3	12.3	12.3	10.8	10.8	9.3	9.3	9.3	7.7
90°	13.2	14.7	15.8	18.0	20.2	22.4	24.6	26.0	27.3	28.7	30.0
92.5°	26.3	25.8	26.2	27.0	27.9	28.7	29.5	30.1	30.6	31.2	31.7
95°	43.8	39.3	40.3	42.2	44.1	46.0	47.9	49.3	50.7	52.0	53.4
97.5°	54.2	43.0	45.2	49.6	53.9	58.3	62.7	63.5	64.3	65.2	66.0
100°	67.9	49.2	51.5	56.2	60.8	65.5	70.1	72.3	74.5	76.6	78.8
102.5°	296.5	296.2	271.3	221.6	171.9	122.2	72.5	75.5	78.5	81.5	84.5
105°	406.4	410.5	373.2	298.7	224.1	149.6	75.0	78.0	81.0	84.0	87.0
107.5°	488.3	491.7	445.7	353.6	261.5	169.5	77.4	80.4	83.4	86.5	89.5
110°	567.4	570.3	530.8	451.9	373.0	294.0	215.1	187.8	160.5	133.2	105.9

TEST NUMBER: P1029161

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CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
112.5°	642.8	645.3	643.0	638.3	633.7	629.0	624.4	506.7	388.9	271.2	153.5
115°	725.4	727.7	731.1	737.9	744.8	751.6	758.4	631.9	505.5	379.0	252.5
117.5°	801.2	803.9	806.2	810.9	815.5	820.2	824.8	785.7	746.7	707.6	668.5
120°	876.8	878.9	881.4	886.3	891.2	896.1	901.0	904.3	907.5	910.8	914.1
122.5°	946.7	948.9	951.6	957.1	962.6	968.0	973.5	975.1	976.8	978.4	980.1
125°	1013.5	1015.3	1017.9	1023.1	1028.2	1033.4	1038.6	1040.5	1042.4	1044.3	1046.2
127.5°	1078.5	1080.4	1082.5	1086.6	1090.7	1094.8	1098.9	1101.6	1104.4	1107.1	1109.8
130°	1140.9	1143.1	1144.6	1147.6	1150.6	1153.6	1156.6	1159.6	1162.6	1165.7	1168.7
132.5°	1199.1	1200.9	1202.4	1205.4	1208.4	1211.4	1214.4	1216.9	1219.3	1221.8	1224.3
135°	1254.0	1256.2	1257.4	1259.9	1262.4	1264.8	1267.3	1270.0	1272.8	1275.5	1278.2
137.5°	1303.8	1305.4	1306.8	1309.5	1312.2	1315.0	1317.7	1320.4	1323.2	1325.9	1328.6
140°	1352.2	1353.3	1354.8	1357.8	1360.8	1363.8	1366.8	1369.3	1371.7	1374.2	1376.7
142.5°	1395.3	1396.3	1398.1	1401.6	1405.2	1408.7	1412.3	1414.5	1416.7	1418.8	1421.0
145°	1433.3	1433.2	1435.5	1440.2	1444.8	1449.5	1454.1	1456.0	1457.9	1459.8	1461.7
147.5°	1471.7	1471.3	1473.6	1478.3	1482.9	1487.6	1492.2	1493.6	1495.0	1496.3	1497.7
150°	1506.7	1505.7	1507.9	1512.3	1516.6	1521.0	1525.4	1527.0	1528.7	1530.3	1532.0
152.5°	1538.8	1537.7	1539.7	1543.8	1547.9	1552.0	1556.1	1557.7	1559.4	1561.0	1562.7
155°	1569.6	1568.4	1570.0	1573.3	1576.6	1579.9	1583.2	1584.8	1586.4	1588.1	1589.7
157.5°	1596.6	1595.5	1596.7	1599.2	1601.6	1604.1	1606.5	1608.4	1610.3	1612.2	1614.1
160°	1620.8	1620.0	1620.8	1622.5	1624.1	1625.8	1627.4	1629.0	1630.7	1632.3	1634.0
162.5°	1640.5	1639.7	1640.4	1641.8	1643.1	1644.5	1645.9	1647.8	1649.7	1651.6	1653.5
165°	1657.7	1656.9	1657.3	1658.1	1659.0	1659.8	1660.6	1662.5	1664.4	1666.3	1668.2
167.5°	1671.2	1670.4	1670.8	1671.6	1672.5	1673.3	1674.1	1676.0	1677.9	1679.8	1681.7
170°	1682.3	1681.5	1681.8	1682.3	1682.9	1683.4	1684.0	1685.9	1687.8	1689.7	1691.6
172.5°	1689.7	1688.9	1689.2	1689.7	1690.2	1690.8	1691.3	1693.2	1695.1	1697.0	1698.9
175°	1694.8	1693.8	1694.1	1694.6	1695.1	1695.7	1696.2	1698.1	1700.1	1702.0	1703.9
177.5°	1697.2	1696.2	1696.3	1696.6	1696.9	1697.2	1697.5	1699.4	1701.3	1703.2	1705.1
180°	1698.7	1698.7	1698.7	1698.7	1698.7	1698.7	1698.7	1698.7	1698.7	1698.7	1698.7

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CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
0°	2007.0	2007.0	2007.0	2007.0	2007.0	2007.0	2007.0	2007.0	2007.0	2007.0	2007.0
2.5°	1912.9	1917.5	1906.7	1903.6	1906.7	1895.9	1899.0	1902.1	1902.1	1906.7	1909.8
5°	1801.8	1795.6	1784.8	1781.8	1778.7	1783.3	1780.2	1784.8	1786.4	1797.2	1798.7
7.5°	1692.3	1683.0	1673.8	1664.5	1661.4	1653.7	1661.4	1661.4	1672.2	1669.1	1676.9
10°	1562.7	1561.2	1548.8	1544.2	1538.0	1525.7	1542.6	1538.0	1545.7	1559.6	1562.7
12.5°	1467.1	1450.1	1457.8	1436.2	1443.9	1431.6	1433.1	1433.1	1445.5	1447.0	1443.9
15°	1376.0	1362.2	1342.1	1332.8	1328.2	1322.0	1342.1	1343.6	1334.4	1356.0	1348.3
17.5°	1283.5	1283.5	1265.0	1260.3	1248.0	1254.2	1251.1	1252.6	1249.5	1265.0	1272.7
20°	1203.3	1195.5	1189.4	1190.9	1175.5	1172.4	1169.3	1172.4	1183.2	1194.0	1197.1
22.5°	1138.5	1133.8	1118.4	1121.5	1109.2	1113.8	1110.7	1118.4	1120.0	1120.0	1130.8
25°	1076.8	1070.6	1072.1	1066.0	1061.3	1061.3	1056.7	1061.3	1067.5	1070.6	1072.1
27.5°	1030.5	1025.9	1018.1	1013.5	1016.6	1008.9	1015.1	1019.7	1019.7	1016.6	1019.7
30°	974.9	978.0	978.0	962.6	968.8	965.7	970.3	973.4	973.4	974.9	971.9
32.5°	937.9	928.7	927.1	925.6	925.6	919.4	919.4	924.0	925.6	927.1	931.8
35°	888.6	888.6	880.8	885.5	879.3	880.8	879.3	880.8	883.9	879.3	883.9
37.5°	843.8	845.4	842.3	845.4	846.9	843.8	840.7	846.9	843.8	843.8	840.7
40°	805.3	803.7	805.3	805.3	805.3	806.8	803.7	803.7	803.7	800.6	797.5
42.5°	772.9	763.6	766.7	768.2	763.6	763.6	765.1	763.6	768.2	759.0	759.0
45°	726.6	723.5	725.0	725.0	728.1	723.5	726.6	728.1	723.5	722.0	718.9
47.5°	684.9	688.0	684.9	688.0	688.0	691.1	684.9	686.5	688.0	681.8	677.2
50°	643.3	643.3	647.9	646.4	647.9	644.8	644.8	643.3	644.8	641.7	637.1
52.5°	604.7	600.1	607.8	606.3	604.7	603.2	601.6	603.2	600.1	597.0	597.0
55°	556.9	556.9	561.5	563.1	563.1	560.0	556.9	558.4	556.9	555.4	553.8
57.5°	518.3	512.2	515.2	516.8	516.8	512.2	515.2	512.2	512.2	513.7	509.1
60°	469.0	469.0	465.9	470.5	470.5	467.4	467.4	469.0	465.9	464.3	462.8
62.5°	416.5	418.1	422.7	424.2	425.8	422.7	419.6	421.1	421.1	416.5	418.1
65°	371.8	374.9	381.0	379.5	376.4	377.9	374.9	376.4	371.8	373.3	368.7
67.5°	328.6	327.0	328.6	328.6	331.7	330.1	327.0	327.0	325.5	330.1	325.5
70°	282.3	282.3	282.3	282.3	283.8	285.4	282.3	279.2	280.8	277.7	276.1
72.5°	234.5	236.0	234.5	237.6	232.9	236.0	236.0	234.5	232.9	232.9	232.9
75°	189.7	192.8	188.2	189.7	188.2	191.3	189.7	189.7	186.7	185.1	186.7
77.5°	145.0	146.6	143.5	145.0	143.5	145.0	145.0	143.5	143.5	143.5	143.5
80°	103.4	104.9	103.4	101.8	100.3	103.4	100.3	101.8	103.4	101.8	104.9
82.5°	66.3	66.3	64.8	66.3	63.2	63.2	64.8	64.8	63.2	66.3	63.2
85°	32.4	32.4	35.5	32.4	30.9	30.9	30.9	32.4	30.9	33.9	32.4
87.5°	7.7	6.2	7.7	7.7	6.2	6.2	7.7	6.2	7.7	9.3	6.2
90°	30.7	31.0	31.5	32.1	32.6	33.2	32.6	32.1	31.5	31.0	30.7
92.5°	32.0	32.1	32.4	32.7	32.9	33.2	32.9	32.7	32.4	32.1	32.0
95°	54.1	54.0	53.7	53.4	53.2	52.9	53.2	53.4	53.7	54.0	54.1
97.5°	66.4	66.5	66.8	67.1	67.3	67.6	67.3	67.1	66.8	66.5	66.4
100°	79.9	80.2	80.7	81.3	81.8	82.4	81.8	81.3	80.7	80.2	79.9
102.5°	86.0	86.4	87.2	88.1	88.9	89.7	88.9	88.1	87.2	86.4	86.0
105°	88.5	89.0	90.1	91.2	92.3	93.4	92.3	91.2	90.1	89.0	88.5
107.5°	91.0	91.5	92.6	93.7	94.8	95.9	94.8	93.7	92.6	91.5	91.0
110°	92.2	92.7	93.8	94.9	96.0	97.1	96.0	94.9	93.8	92.7	92.2

TEST NUMBER: P1029161

CATALOG NUMBER: S122DIW-B1005D1240UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
112.5°	94.6	95.0	95.8	96.7	97.5	98.3	97.5	96.7	95.8	95.0	94.6
115°	189.3	179.5	159.8	140.1	120.5	100.8	120.5	140.1	159.8	179.5	189.3
117.5°	649.0	613.2	541.7	470.1	398.6	327.0	398.6	470.1	541.7	613.2	649.0
120°	915.7	897.3	860.4	823.5	786.7	749.8	786.7	823.5	860.4	897.3	915.7
122.5°	980.9	981.0	981.3	981.6	981.8	982.1	981.8	981.6	981.3	981.0	980.9
125°	1047.2	1047.6	1048.4	1049.3	1050.1	1050.9	1050.1	1049.3	1048.4	1047.6	1047.2
127.5°	1111.2	1111.3	1111.6	1111.9	1112.1	1112.4	1112.1	1111.9	1111.6	1111.3	1111.2
130°	1170.2	1170.1	1169.8	1169.5	1169.2	1168.9	1169.2	1169.5	1169.8	1170.1	1170.2
132.5°	1225.5	1225.4	1225.1	1224.8	1224.5	1224.2	1224.5	1224.8	1225.1	1225.4	1225.5
135°	1279.6	1279.3	1278.8	1278.2	1277.7	1277.1	1277.7	1278.2	1278.8	1279.3	1279.6
137.5°	1330.0	1329.6	1328.8	1327.9	1327.1	1326.3	1327.1	1327.9	1328.8	1329.6	1330.0
140°	1377.9	1377.2	1375.8	1374.5	1373.1	1371.7	1373.1	1374.5	1375.8	1377.2	1377.9
142.5°	1422.1	1421.4	1420.1	1418.7	1417.4	1416.0	1417.4	1418.7	1420.1	1421.4	1422.1
145°	1462.7	1462.0	1460.7	1459.3	1458.0	1456.6	1458.0	1459.3	1460.7	1462.0	1462.7
147.5°	1498.4	1497.8	1496.7	1495.6	1494.5	1493.4	1494.5	1495.6	1496.7	1497.8	1498.4
150°	1532.8	1532.1	1530.7	1529.4	1528.0	1526.6	1528.0	1529.4	1530.7	1532.1	1532.8
152.5°	1563.5	1562.5	1560.6	1558.7	1556.8	1554.9	1556.8	1558.7	1560.6	1562.5	1563.5
155°	1590.5	1589.4	1587.2	1585.1	1582.9	1580.7	1582.9	1585.1	1587.2	1589.4	1590.5
157.5°	1615.1	1614.0	1611.8	1609.7	1607.5	1605.3	1607.5	1609.7	1611.8	1614.0	1615.1
160°	1634.8	1633.8	1631.9	1630.0	1628.1	1626.2	1628.1	1630.0	1631.9	1633.8	1634.8
162.5°	1654.5	1653.3	1650.8	1648.3	1645.9	1643.4	1645.9	1648.3	1650.8	1653.3	1654.5
165°	1669.2	1668.2	1666.3	1664.4	1662.5	1660.6	1662.5	1664.4	1666.3	1668.2	1669.2
167.5°	1682.7	1681.5	1679.0	1676.6	1674.1	1671.7	1674.1	1676.6	1679.0	1681.5	1682.7
170°	1692.6	1691.4	1688.9	1686.4	1684.0	1681.5	1684.0	1686.4	1688.9	1691.4	1692.6
172.5°	1699.9	1698.7	1696.2	1693.8	1691.3	1688.9	1691.3	1693.8	1696.2	1698.7	1699.9
175°	1704.9	1703.5	1700.8	1698.1	1695.3	1692.6	1695.3	1698.1	1700.8	1703.5	1704.9
177.5°	1706.1	1704.9	1702.4	1699.9	1697.5	1695.0	1697.5	1699.9	1702.4	1704.9	1706.1
180°	1698.7	1698.7	1698.7	1698.7	1698.7	1698.7	1698.7	1698.7	1698.7	1698.7	1698.7

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CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
0°	2007.0	2007.0	2007.0	2007.0	2007.0	2007.0	2007.0	2007.0	2007.0	2007.0	2007.0
2.5°	1905.2	1917.5	1912.9	1895.9	1916.0	1916.0	1929.8	1929.8	1946.8	1953.0	1962.2
5°	1797.2	1806.4	1814.1	1806.4	1820.3	1841.9	1854.3	1865.1	1888.2	1897.4	1911.3
7.5°	1681.5	1698.4	1706.2	1706.2	1729.3	1754.0	1778.7	1794.1	1826.5	1838.8	1852.7
10°	1568.9	1588.9	1604.3	1602.8	1641.4	1656.8	1687.6	1723.1	1755.5	1774.0	1794.1
12.5°	1450.1	1460.9	1482.5	1513.3	1522.6	1550.4	1585.8	1630.6	1689.2	1706.2	1735.5
15°	1351.4	1380.7	1397.6	1411.5	1433.1	1459.3	1497.9	1541.1	1599.7	1636.7	1667.6
17.5°	1268.1	1306.6	1317.4	1314.3	1342.1	1382.2	1426.9	1459.3	1511.8	1556.5	1585.8
20°	1200.2	1215.6	1234.1	1241.8	1263.4	1306.6	1349.8	1386.8	1430.0	1465.5	1499.4
22.5°	1132.3	1144.6	1160.1	1173.9	1190.9	1215.6	1257.3	1303.5	1345.2	1379.1	1417.7
25°	1076.8	1084.5	1098.4	1109.2	1127.7	1144.6	1173.9	1224.9	1274.2	1294.3	1328.2
27.5°	1022.8	1028.9	1038.2	1050.5	1059.8	1076.8	1103.0	1144.6	1195.5	1215.6	1261.9
30°	974.9	979.6	988.8	995.0	999.6	1019.7	1039.7	1072.1	1110.7	1138.5	1172.4
32.5°	930.2	934.8	944.1	945.6	951.8	962.6	981.1	1010.4	1044.4	1067.5	1096.8
35°	880.8	883.9	893.2	896.3	900.9	910.2	924.0	945.6	976.5	993.5	1019.7
37.5°	842.3	840.7	846.9	851.5	857.7	862.3	867.0	888.6	911.7	927.1	947.2
40°	800.6	797.5	799.1	805.3	808.3	814.5	814.5	836.1	851.5	863.9	879.3
42.5°	759.0	757.4	754.4	757.4	760.5	762.1	763.6	779.0	794.5	805.3	822.2
45°	717.3	715.8	712.7	714.2	714.2	717.3	722.0	728.1	738.9	748.2	757.4
47.5°	678.8	675.7	671.0	669.5	672.6	672.6	672.6	678.8	689.6	692.6	701.9
50°	638.7	634.0	627.9	624.8	624.8	623.2	626.3	627.9	637.1	640.2	647.9
52.5°	595.5	592.4	586.2	580.0	581.6	578.5	580.0	581.6	584.7	589.3	593.9
55°	552.3	546.1	541.5	539.9	535.3	535.3	530.7	536.8	535.3	536.8	543.0
57.5°	510.6	504.4	496.7	493.6	489.0	487.5	484.4	482.8	484.4	489.0	493.6
60°	461.2	458.2	453.5	448.9	445.8	441.2	438.1	438.1	436.6	436.6	438.1
62.5°	413.4	411.9	405.7	404.2	401.1	398.0	393.4	390.3	390.3	393.4	394.9
65°	367.1	365.6	361.0	359.4	351.7	348.6	347.1	345.6	342.5	342.5	342.5
67.5°	324.0	319.3	319.3	311.6	305.4	302.4	299.3	297.7	297.7	297.7	299.3
70°	276.1	276.1	271.5	266.9	260.7	262.2	257.6	253.0	253.0	249.9	251.5
72.5°	229.9	228.3	223.7	222.1	217.5	212.9	209.8	212.9	208.3	206.7	208.3
75°	185.1	183.6	180.5	177.4	178.9	174.3	169.7	168.1	168.1	165.1	165.1
77.5°	141.9	145.0	138.8	137.3	134.2	131.1	129.6	128.0	128.0	128.0	131.1
80°	98.7	100.3	100.3	97.2	98.7	94.1	94.1	94.1	89.5	91.0	92.6
82.5°	63.2	63.2	61.7	63.2	61.7	61.7	60.2	60.2	58.6	58.6	60.2
85°	35.5	33.9	32.4	35.5	33.9	33.9	32.4	32.4	32.4	32.4	32.4
87.5°	7.7	9.3	9.3	9.3	9.3	10.8	10.8	10.8	12.3	12.3	12.3
90°	30.0	28.7	27.3	26.0	24.6	22.4	20.2	18.0	15.8	14.7	13.2
92.5°	31.7	31.2	30.6	30.1	29.5	28.7	27.9	27.0	26.2	25.8	26.3
95°	53.4	52.0	50.7	49.3	47.9	46.0	44.1	42.2	40.3	39.3	43.8
97.5°	66.0	65.2	64.3	63.5	62.7	58.3	53.9	49.6	45.2	43.0	54.2
100°	78.8	76.6	74.5	72.3	70.1	65.5	60.8	56.2	51.5	49.2	67.9
102.5°	84.5	81.5	78.5	75.5	72.5	122.2	171.9	221.6	271.3	296.2	296.5
105°	87.0	84.0	81.0	78.0	75.0	149.6	224.1	298.7	373.2	410.5	406.4
107.5°	89.5	86.5	83.4	80.4	77.4	169.5	261.5	353.6	445.7	491.7	488.3
110°	105.9	133.2	160.5	187.8	215.1	294.0	373.0	451.9	530.8	570.3	567.4

TEST NUMBER: P1029161

CATALOG NUMBER: S122DIW-B1005D1240UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
112.5°	153.5	271.2	388.9	506.7	624.4	629.0	633.7	638.3	643.0	645.3	642.8
115°	252.5	379.0	505.5	631.9	758.4	751.6	744.8	737.9	731.1	727.7	725.4
117.5°	668.5	707.6	746.7	785.7	824.8	820.2	815.5	810.9	806.2	803.9	801.2
120°	914.1	910.8	907.5	904.3	901.0	896.1	891.2	886.3	881.4	878.9	876.8
122.5°	980.1	978.4	976.8	975.1	973.5	968.0	962.6	957.1	951.6	948.9	946.7
125°	1046.2	1044.3	1042.4	1040.5	1038.6	1033.4	1028.2	1023.1	1017.9	1015.3	1013.5
127.5°	1109.8	1107.1	1104.4	1101.6	1098.9	1094.8	1090.7	1086.6	1082.5	1080.4	1078.5
130°	1168.7	1165.7	1162.6	1159.6	1156.6	1153.6	1150.6	1147.6	1144.6	1143.1	1140.9
132.5°	1224.3	1221.8	1219.3	1216.9	1214.4	1211.4	1208.4	1205.4	1202.4	1200.9	1199.1
135°	1278.2	1275.5	1272.8	1270.0	1267.3	1264.8	1262.4	1259.9	1257.4	1256.2	1254.0
137.5°	1328.6	1325.9	1323.2	1320.4	1317.7	1315.0	1312.2	1309.5	1306.8	1305.4	1303.8
140°	1376.7	1374.2	1371.7	1369.3	1366.8	1363.8	1360.8	1357.8	1354.8	1353.3	1352.2
142.5°	1421.0	1418.8	1416.7	1414.5	1412.3	1408.7	1405.2	1401.6	1398.1	1396.3	1395.3
145°	1461.7	1459.8	1457.9	1456.0	1454.1	1449.5	1444.8	1440.2	1435.5	1433.2	1433.3
147.5°	1497.7	1496.3	1495.0	1493.6	1492.2	1487.6	1482.9	1478.3	1473.6	1471.3	1471.7
150°	1532.0	1530.3	1528.7	1527.0	1525.4	1521.0	1516.6	1512.3	1507.9	1505.7	1506.7
152.5°	1562.7	1561.0	1559.4	1557.7	1556.1	1552.0	1547.9	1543.8	1539.7	1537.7	1538.8
155°	1589.7	1588.1	1586.4	1584.8	1583.2	1579.9	1576.6	1573.3	1570.0	1568.4	1569.6
157.5°	1614.1	1612.2	1610.3	1608.4	1606.5	1604.1	1601.6	1599.2	1596.7	1595.5	1596.6
160°	1634.0	1632.3	1630.7	1629.0	1627.4	1625.8	1624.1	1622.5	1620.8	1620.0	1620.8
162.5°	1653.5	1651.6	1649.7	1647.8	1645.9	1644.5	1643.1	1641.8	1640.4	1639.7	1640.5
165°	1668.2	1666.3	1664.4	1662.5	1660.6	1659.8	1659.0	1658.1	1657.3	1656.9	1657.7
167.5°	1681.7	1679.8	1677.9	1676.0	1674.1	1673.3	1672.5	1671.6	1670.8	1670.4	1671.2
170°	1691.6	1689.7	1687.8	1685.9	1684.0	1683.4	1682.9	1682.3	1681.8	1681.5	1682.3
172.5°	1698.9	1697.0	1695.1	1693.2	1691.3	1690.8	1690.2	1689.7	1689.2	1688.9	1689.7
175°	1703.9	1702.0	1700.1	1698.1	1696.2	1695.7	1695.1	1694.6	1694.1	1693.8	1694.8
177.5°	1705.1	1703.2	1701.3	1699.4	1697.5	1697.2	1696.9	1696.6	1696.3	1696.2	1697.2
180°	1698.7	1698.7	1698.7	1698.7	1698.7	1698.7	1698.7	1698.7	1698.7	1698.7	1698.7

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CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
0°	2007.0	2007.0	2007.0	2007.0
2.5°	1970.0	1970.0	1993.1	2017.8
5°	1926.8	1937.6	1974.6	2008.5
7.5°	1885.1	1903.6	1949.9	1993.1
10°	1834.2	1858.9	1916.0	1966.9
12.5°	1784.8	1808.0	1874.3	1931.4
15°	1715.4	1744.7	1815.7	1886.6
17.5°	1646.0	1675.3	1761.7	1845.0
20°	1564.2	1602.8	1700.0	1811.1
22.5°	1488.6	1536.5	1644.5	1733.9
25°	1405.3	1479.4	1579.7	1695.4
27.5°	1331.3	1405.3	1507.2	1624.4
30°	1248.0	1323.6	1428.5	1536.5
32.5°	1167.8	1237.2	1339.0	1471.7
35°	1084.5	1150.8	1249.5	1383.7
37.5°	1008.9	1073.7	1181.7	1305.1
40°	934.8	1002.7	1095.3	1218.7
42.5°	865.4	925.6	1008.9	1132.3
45°	802.2	845.4	922.5	1038.2
47.5°	735.8	774.4	845.4	961.1
50°	674.1	706.5	768.2	876.2
52.5°	614.0	641.7	698.8	785.2
55°	560.0	586.2	627.9	712.7
57.5°	504.4	524.5	564.6	632.5
60°	450.5	469.0	501.4	556.9
62.5°	396.5	411.9	442.7	487.5
65°	348.6	361.0	384.1	422.7
67.5°	302.4	310.1	328.6	359.4
70°	257.6	263.8	279.2	303.9
72.5°	209.8	216.0	232.9	249.9
75°	169.7	171.2	183.6	197.5
77.5°	132.7	131.1	140.4	151.2
80°	91.0	95.6	103.4	108.0
82.5°	61.7	63.2	66.3	69.4
85°	33.9	35.5	35.5	40.1
87.5°	13.9	15.4	15.4	17.0
90°	10.2	7.2	4.2	1.2
92.5°	27.4	28.5	29.6	30.7
95°	52.8	61.9	70.9	79.9
97.5°	76.6	99.0	121.4	143.8
100°	105.3	142.8	180.2	217.6
102.5°	297.0	297.6	298.1	298.7
105°	398.2	390.1	381.9	373.7
107.5°	481.4	474.6	467.7	460.9
110°	561.7	556.0	550.2	544.5

TEST NUMBER: P1029161

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CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
112.5°	637.9	633.0	628.1	623.2
115°	720.7	716.1	711.4	706.8
117.5°	795.7	790.2	784.8	779.3
120°	872.7	868.6	864.5	860.4
122.5°	942.3	938.0	933.6	929.2
125°	1010.0	1006.4	1002.9	999.3
127.5°	1074.7	1070.8	1067.0	1063.2
130°	1136.6	1132.2	1127.9	1123.5
132.5°	1195.6	1192.0	1188.5	1184.9
135°	1249.6	1245.3	1240.9	1236.5
137.5°	1300.5	1297.2	1293.9	1290.6
140°	1350.0	1347.9	1345.7	1343.5
142.5°	1393.4	1391.5	1389.6	1387.7
145°	1433.6	1433.9	1434.1	1434.4
147.5°	1472.5	1473.4	1474.2	1475.0
150°	1508.6	1510.5	1512.4	1514.3
152.5°	1541.0	1543.1	1545.3	1547.5
155°	1572.1	1574.6	1577.0	1579.5
157.5°	1598.8	1600.9	1603.1	1605.3
160°	1622.5	1624.1	1625.8	1627.4
162.5°	1642.2	1643.8	1645.5	1647.1
165°	1659.4	1661.0	1662.7	1664.3
167.5°	1672.9	1674.5	1676.2	1677.8
170°	1684.0	1685.6	1687.3	1688.9
172.5°	1691.3	1693.0	1694.6	1696.2
175°	1696.7	1698.6	1700.5	1702.4
177.5°	1699.1	1701.0	1703.0	1704.9
180°	1698.7	1698.7	1698.7	1698.7

(END OF REPORT)