

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: P1029159

Luminaire Tested: S122DIW-B1005D1240UB2750-4F0-XX-W2A-A_2700K

Issue Date: 5/6/2025

Test Information

Test Method: LM-79-2019
Report Number: P1029159
REPORT IS A COMBINATION OF REPORTS P985037 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_2700K
Description: Define 2 Direct/Indirect Wall Mount with 2700K BioUP LEDs {m-DER=0.473} {m-EER=0.52}
Light Source: -
Ballast/Driver: -

Summary

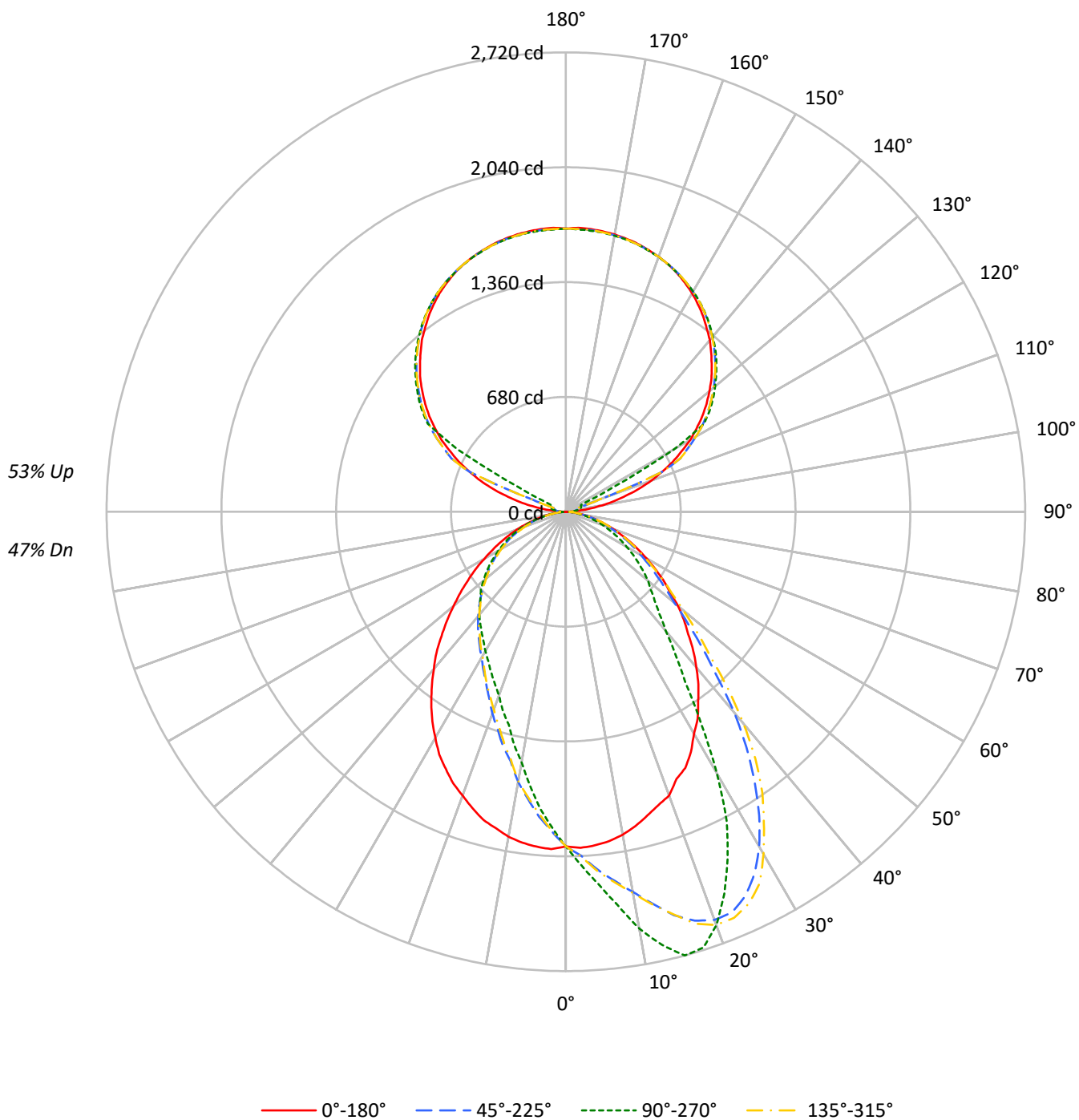
Lumens per Lamp: N/A
Luminaire Lumens: 9290.0 lumens
Efficiency: N/A
Efficacy: 89.8 lumens/watt
Spacing Criteria (0/90/45): 1.16 / 1.09 / 1.23
Luminous Opening: Rectangular w/ Sides (W: 0.17' x L: 4' x H: 0.1')
CIE Type: General Diffuse

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



TEST NUMBER: P1029159

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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20					20					20					20
RC	80				70					50					30					0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10
RCR																				
0	106	106	106	106	98	98	98	98	82	82	82	67	67	67	53	53	53			47
1	98	93	90	86	90	86	83	80	72	70	68	60	58	57	48	47	46			41
2	89	82	76	71	82	76	71	66	64	60	57	53	50	48	43	41	39			35
3	82	73	66	60	75	67	61	56	57	52	48	47	44	41	38	36	34			30
4	75	65	57	51	69	60	53	48	51	46	42	42	39	36	35	32	30			26
5	69	58	50	44	63	54	47	41	46	40	36	38	34	31	31	28	26			23
6	64	52	44	38	58	48	41	36	41	36	32	35	31	28	29	26	23			20
7	59	47	39	34	54	44	37	32	38	32	28	32	28	25	26	23	21			18
8	55	43	35	30	50	40	33	28	34	29	25	29	25	22	24	21	19			17
9	51	39	32	27	47	37	30	25	32	26	23	27	23	20	22	19	17			15
10	48	36	29	24	44	34	27	23	29	24	21	25	21	18	21	18	16			14

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	31359	31359	31359	31359
5°	31436	33437	31556	26602
10°	31070	36502	31265	21932
15°	30317	38501	30739	18474
20°	29843	36150	29843	16057
25°	28892	31057	29025	14360
30°	27328	24414	27849	13007
35°	25941	16882	26375	11901
40°	24348	12746	24625	11018
45°	22382	10474	22749	10067
50°	20683	9193	20721	9215
55°	18746	7833	18868	8291
60°	16680	6542	16911	7235
65°	14831	5321	15105	6179
70°	12992	4175	13321	4983
75°	10903	3032	11328	3614
80°	8511	1922	9117	2144
85°	5594	966	6018	717

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 157.5°

Vertical Angle: 45°

Luminance: 32417 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	188.7	2.0
10°-20°	549.2	5.9
20°-30°	797.1	8.6
30°-40°	840.3	9.0
40°-50°	743.6	8.0
50°-60°	593.7	6.4
60°-70°	403.3	4.3
70°-80°	206.3	2.2
80°-90°	51.7	0.6
90°-100°	55.3	0.6
100°-110°	206.1	2.2
110°-120°	546.7	5.9
120°-130°	906.7	9.8
130°-140°	963.1	10.4
140°-150°	895.1	9.6
150°-160°	719.6	7.7
160°-170°	463.7	5.0
170°-180°	159.6	1.7
0°-30°	1535.0	16.5
0°-40°	2375.3	25.6
0°-60°	3712.6	40.0
0°-90°	4373.9	47.1
90°-120°	808.1	8.7
90°-150°	3573.1	38.5
90°-180°	4916.0	52.9
0°-180°	9290.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1981	1981	1981	1981	1981	
5°	1983	2213	1990	1760	1983	188
15°	1862	2720	1888	1305	1862	526
25°	1674	2266	1681	1048	1674	765
35°	1366	1234	1389	870	1366	855
45°	1025	743	1042	714	1025	795
55°	704	522	708	553	704	628
65°	417	321	425	373	417	415
75°	195	158	202	189	195	209
85°	40	41	43	30	40	46
90°	1	33	1	33	1	7
95°	79	52	79	52	79	93
105°	369	92	369	92	369	394
115°	698	100	698	100	698	687
125°	986	1037	986	1037	986	880
135°	1221	1261	1221	1261	1221	943
145°	1416	1438	1416	1438	1416	886
155°	1559	1560	1559	1560	1559	718
165°	1643	1639	1643	1639	1643	464
175°	1680	1671	1680	1671	1680	160
180°	1677	1677	1677	1677	1677	

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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	1981.1	1981.1	1981.1	1981.1	1981.1	1981.1	1981.1	1981.1	1981.1	1981.1	1981.1
2.5°	1991.8	1996.4	2004.0	2005.5	2020.7	2032.9	2046.6	2046.6	2051.2	2049.7	2037.5
5°	1982.7	1996.4	2016.2	2032.9	2060.3	2072.5	2090.8	2104.5	2116.7	2125.8	2124.3
7.5°	1967.4	1991.8	2020.7	2052.7	2089.3	2110.6	2136.5	2160.8	2177.6	2192.8	2203.5
10°	1941.5	1982.7	2022.3	2064.9	2112.1	2141.0	2171.5	2203.5	2229.4	2258.3	2285.7
12.5°	1906.5	1965.9	2014.6	2071.0	2128.9	2160.8	2209.6	2233.9	2284.2	2357.3	2377.1
15°	1862.4	1943.1	1988.8	2060.3	2136.5	2162.4	2229.4	2268.9	2372.5	2418.2	2473.0
17.5°	1821.2	1911.1	1972.0	2054.2	2128.9	2179.1	2244.6	2325.3	2412.1	2477.6	2538.5
20°	1787.7	1874.5	1947.6	2039.0	2133.4	2197.4	2265.9	2363.4	2457.8	2524.8	2572.0
22.5°	1711.6	1822.8	1908.0	2010.1	2124.3	2212.6	2278.1	2384.7	2486.7	2527.8	2568.9
25°	1673.5	1769.5	1868.5	1984.2	2118.2	2223.3	2279.6	2398.4	2488.2	2503.5	2512.6
27.5°	1603.5	1711.6	1827.3	1959.8	2116.7	2205.0	2276.6	2384.7	2456.2	2445.6	2418.2
30°	1516.7	1649.2	1777.1	1920.2	2095.3	2191.3	2258.3	2357.3	2393.8	2339.0	2290.3
32.5°	1452.7	1577.6	1719.2	1885.2	2071.0	2162.4	2227.8	2305.5	2313.1	2214.1	2131.9
35°	1365.9	1504.5	1664.4	1839.5	2029.9	2112.1	2173.0	2220.2	2183.7	2045.1	1947.6
37.5°	1288.3	1425.3	1595.9	1774.0	1973.5	2054.2	2103.0	2110.6	2020.7	1898.9	1755.8
40°	1203.0	1344.6	1522.8	1710.1	1911.1	1981.1	2011.6	1988.8	1859.3	1717.7	1551.7
42.5°	1117.7	1257.8	1449.7	1641.6	1831.9	1891.3	1903.5	1841.0	1682.7	1516.7	1324.8
45°	1024.8	1171.0	1362.9	1556.3	1740.5	1774.0	1775.6	1685.7	1498.4	1324.8	1146.7
47.5°	948.7	1084.2	1274.6	1468.0	1623.3	1646.1	1637.0	1533.4	1329.4	1134.5	979.1
50°	864.9	994.4	1183.2	1373.6	1506.0	1512.1	1489.3	1341.6	1142.1	963.9	840.6
52.5°	775.1	906.1	1079.7	1262.4	1381.2	1372.0	1327.9	1169.5	982.2	834.5	740.1
55°	703.5	819.3	982.2	1160.4	1244.1	1218.2	1169.5	1008.1	860.4	735.5	653.3
57.5°	624.3	726.4	886.3	1041.6	1090.3	1065.9	1017.2	866.5	729.4	635.0	580.2
60°	549.7	642.6	782.7	912.1	950.2	924.3	868.0	732.5	633.5	554.3	513.2
62.5°	481.2	561.9	679.2	797.9	813.2	787.3	738.5	628.9	543.6	481.2	450.7
65°	417.2	493.4	587.8	677.6	691.3	663.9	613.7	534.5	462.9	423.3	394.4
67.5°	354.8	415.7	499.5	565.0	572.6	546.7	505.6	441.6	397.4	354.8	333.5
70°	300.0	345.7	411.2	464.4	467.5	443.1	421.8	363.9	330.4	300.0	283.2
72.5°	246.7	278.7	328.9	368.5	370.0	354.8	335.0	298.5	269.5	248.2	231.5
75°	194.9	222.3	252.8	287.8	286.3	274.1	258.9	236.0	211.7	198.0	190.3
77.5°	149.2	166.0	190.3	213.2	213.2	207.1	198.0	181.2	166.0	152.3	144.7
80°	106.6	117.3	137.1	144.7	147.7	146.2	138.6	126.4	120.3	109.6	106.6
82.5°	68.5	76.1	85.3	92.9	97.5	94.4	92.9	86.8	77.7	74.6	71.6
85°	39.6	42.6	47.2	51.8	53.3	51.8	54.8	50.3	45.7	45.7	44.2
87.5°	16.8	18.3	21.3	21.3	22.8	22.8	21.3	22.8	22.8	21.3	19.8
90°	1.2	4.2	7.2	10.1	13.1	14.6	15.7	17.8	20.0	22.1	24.3
92.5°	30.3	29.2	28.2	27.1	26.0	25.5	25.9	26.7	27.5	28.3	29.1
95°	78.9	70.0	61.1	52.2	43.3	38.8	39.7	41.6	43.5	45.4	47.3
97.5°	142.0	119.9	97.8	75.7	53.6	42.5	44.7	49.0	53.3	57.6	61.9
100°	214.8	177.8	140.9	103.9	67.0	48.5	50.8	55.4	60.0	64.6	69.2
102.5°	294.9	294.3	293.8	293.2	292.7	292.4	267.9	218.8	169.7	120.7	71.6
105°	368.9	377.0	385.1	393.2	401.3	405.3	368.5	294.9	221.2	147.6	74.0
107.5°	455.0	461.8	468.5	475.3	482.0	485.4	440.0	349.1	258.2	167.3	76.4
110°	537.5	543.2	548.8	554.5	560.2	563.0	524.0	446.1	368.2	290.2	212.3

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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	615.2	620.0	624.9	629.7	634.6	637.0	634.7	630.1	625.6	621.0	616.4
115°	697.7	702.3	706.9	711.4	716.0	718.3	721.7	728.4	735.2	741.9	748.7
117.5°	769.3	774.7	780.1	785.4	790.8	793.5	795.8	800.4	805.0	809.6	814.2
120°	849.4	853.4	857.5	861.5	865.6	867.6	870.0	874.9	879.7	884.6	889.4
122.5°	917.3	921.6	925.9	930.2	934.5	936.7	939.4	944.8	950.2	955.6	961.0
125°	986.5	990.0	993.5	997.0	1000.5	1002.3	1004.9	1010.0	1015.1	1020.2	1025.3
127.5°	1049.6	1053.4	1057.2	1060.9	1064.7	1066.6	1068.6	1072.7	1076.7	1080.8	1084.8
130°	1109.0	1113.3	1117.6	1121.9	1126.2	1128.4	1129.9	1132.9	1135.8	1138.8	1141.8
132.5°	1169.7	1173.2	1176.7	1180.2	1183.7	1185.5	1187.0	1189.9	1192.9	1195.8	1198.8
135°	1220.7	1225.0	1229.3	1233.6	1237.9	1240.1	1241.3	1243.7	1246.2	1248.6	1251.0
137.5°	1274.0	1277.2	1280.5	1283.7	1287.0	1288.6	1289.9	1292.6	1295.3	1298.0	1300.7
140°	1326.2	1328.4	1330.5	1332.7	1334.8	1335.9	1337.4	1340.4	1343.3	1346.3	1349.3
142.5°	1369.9	1371.8	1373.7	1375.6	1377.5	1378.4	1380.2	1383.7	1387.2	1390.7	1394.2
145°	1416.0	1415.7	1415.5	1415.2	1414.9	1414.8	1417.1	1421.7	1426.2	1430.8	1435.4
147.5°	1456.1	1455.3	1454.5	1453.6	1452.8	1452.4	1454.7	1459.3	1463.8	1468.4	1473.0
150°	1494.9	1493.0	1491.1	1489.2	1487.3	1486.4	1488.6	1492.9	1497.2	1501.5	1505.8
152.5°	1527.6	1525.4	1523.3	1521.1	1519.0	1517.9	1519.9	1524.0	1528.0	1532.1	1536.1
155°	1559.2	1556.8	1554.4	1551.9	1549.5	1548.3	1549.9	1553.1	1556.4	1559.6	1562.8
157.5°	1584.7	1582.5	1580.4	1578.2	1576.1	1575.0	1576.2	1578.6	1581.1	1583.5	1585.9
160°	1606.5	1604.9	1603.3	1601.6	1600.0	1599.2	1600.0	1601.6	1603.3	1604.9	1606.5
162.5°	1625.9	1624.3	1622.7	1621.0	1619.4	1618.6	1619.3	1620.6	1622.0	1623.3	1624.7
165°	1642.9	1641.3	1639.7	1638.0	1636.4	1635.6	1636.0	1636.8	1637.7	1638.5	1639.3
167.5°	1656.3	1654.7	1653.1	1651.4	1649.8	1649.0	1649.4	1650.2	1651.0	1651.8	1652.6
170°	1667.2	1665.6	1664.0	1662.3	1660.7	1659.9	1660.2	1660.7	1661.2	1661.8	1662.3
172.5°	1674.5	1672.9	1671.3	1669.6	1668.0	1667.2	1667.5	1668.0	1668.5	1669.1	1669.6
175°	1680.5	1678.6	1676.7	1674.8	1672.9	1672.0	1672.3	1672.8	1673.4	1673.9	1674.5
177.5°	1683.0	1681.1	1679.2	1677.3	1675.4	1674.5	1674.6	1674.9	1675.2	1675.4	1675.7
180°	1676.9	1676.9	1676.9	1676.9	1676.9	1676.9	1676.9	1676.9	1676.9	1676.9	1676.9

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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	1981.1	1981.1	1981.1	1981.1	1981.1	1981.1	1981.1	1981.1	1981.1	1981.1	1981.1
2.5°	2058.8	2060.3	2063.4	2078.6	2086.2	2087.7	2081.6	2095.3	2099.9	2095.3	2092.3
5°	2156.3	2165.4	2183.7	2203.5	2201.9	2203.5	2212.6	2221.7	2224.8	2212.6	2217.2
7.5°	2241.5	2259.8	2279.6	2310.1	2310.1	2325.3	2331.4	2339.0	2357.3	2348.1	2345.1
10°	2339.0	2363.4	2399.9	2448.6	2450.2	2465.4	2480.6	2505.0	2512.6	2506.5	2509.5
12.5°	2460.8	2508.0	2511.1	2564.4	2588.7	2591.8	2616.1	2611.6	2626.8	2626.8	2652.7
15°	2514.1	2587.2	2628.3	2680.1	2695.3	2677.1	2696.8	2718.2	2719.7	2719.7	2718.2
17.5°	2610.1	2639.0	2680.1	2707.5	2713.6	2713.6	2715.1	2724.3	2718.2	2706.0	2715.1
20°	2629.8	2642.0	2657.3	2654.2	2657.3	2642.0	2626.8	2611.6	2613.1	2605.5	2628.3
22.5°	2593.3	2590.3	2555.2	2532.4	2532.4	2501.9	2473.0	2459.3	2445.6	2450.2	2457.8
25°	2501.9	2454.7	2412.1	2378.6	2371.0	2322.2	2282.7	2270.5	2247.6	2265.9	2268.9
27.5°	2355.7	2302.4	2233.9	2205.0	2165.4	2145.6	2118.2	2081.6	2034.4	2061.8	2057.3
30°	2198.9	2119.7	2063.4	1993.3	1930.9	1926.3	1874.5	1813.6	1789.3	1789.3	1803.0
32.5°	2023.8	1918.7	1836.5	1737.5	1676.6	1650.7	1588.3	1527.4	1541.1	1495.4	1512.1
35°	1819.7	1681.2	1577.6	1481.7	1436.0	1405.5	1324.8	1291.3	1254.8	1233.5	1273.0
37.5°	1624.8	1464.9	1332.4	1227.4	1210.6	1155.8	1101.0	1079.7	1058.3	1067.5	1065.9
40°	1387.3	1245.6	1126.9	1044.6	1015.7	989.8	953.3	927.4	913.7	921.3	922.8
42.5°	1172.5	1053.8	965.4	907.6	883.2	864.9	846.7	825.3	820.8	820.8	826.9
45°	1006.6	909.1	849.7	802.5	788.8	775.1	761.4	752.3	749.2	743.1	747.7
47.5°	874.1	796.4	759.9	724.8	709.6	706.6	694.4	689.8	683.7	682.2	683.7
50°	762.9	714.2	680.7	660.9	650.2	645.7	639.6	630.4	627.4	635.0	632.0
52.5°	685.3	639.6	621.3	601.5	595.4	589.3	580.2	581.7	580.2	577.1	577.1
55°	607.6	578.7	560.4	545.2	543.6	537.5	529.9	526.9	525.4	522.3	526.9
57.5°	545.2	522.3	505.6	491.9	485.8	485.8	478.2	472.1	472.1	470.5	472.1
60°	482.7	459.9	449.2	435.5	430.9	429.4	424.9	421.8	417.2	417.2	417.2
62.5°	424.9	406.6	394.4	382.2	383.7	376.1	370.0	367.0	367.0	368.5	368.5
65°	370.0	357.9	342.6	332.0	328.9	327.4	324.4	322.8	318.3	321.3	321.3
67.5°	319.8	303.0	293.9	289.3	284.8	283.2	280.2	277.1	275.6	274.1	277.1
70°	269.5	255.8	248.2	245.2	240.6	239.1	237.6	233.0	234.5	236.0	237.6
72.5°	223.8	211.7	210.1	201.0	201.0	201.0	194.9	198.0	196.4	193.4	196.4
75°	176.6	170.6	167.5	162.9	164.5	162.9	161.4	156.8	156.8	158.4	159.9
77.5°	140.1	134.0	132.5	127.9	124.9	127.9	124.9	123.3	123.3	124.9	124.9
80°	103.5	100.5	95.9	95.9	95.9	94.4	94.4	94.4	92.9	91.4	92.9
82.5°	68.5	68.5	67.0	65.5	67.0	64.0	65.5	65.5	65.5	65.5	65.5
85°	44.2	42.6	42.6	41.1	41.1	41.1	42.6	39.6	39.6	41.1	41.1
87.5°	19.8	19.8	19.8	21.3	19.8	19.8	19.8	21.3	19.8	19.8	19.8
90°	25.6	27.0	28.3	29.6	30.3	30.6	31.1	31.7	32.2	32.8	32.2
92.5°	29.6	30.2	30.7	31.2	31.5	31.6	31.9	32.2	32.5	32.8	32.5
95°	48.7	50.0	51.4	52.7	53.4	53.3	53.0	52.7	52.5	52.2	52.5
97.5°	62.7	63.5	64.3	65.1	65.5	65.6	65.9	66.2	66.4	66.7	66.4
100°	71.4	73.5	75.7	77.8	78.9	79.2	79.7	80.2	80.8	81.3	80.8
102.5°	74.6	77.5	80.5	83.4	84.9	85.3	86.1	87.0	87.8	88.6	87.8
105°	77.0	80.0	82.9	85.9	87.4	87.9	89.0	90.1	91.1	92.2	91.1
107.5°	79.4	82.4	85.3	88.3	89.8	90.3	91.4	92.5	93.5	94.6	93.5
110°	185.3	158.4	131.4	104.5	91.0	91.5	92.6	93.7	94.8	95.9	94.8

TEST NUMBER: P1029159

CATALOG NUMBER: S122DIW-B1005D1240UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	500.2	384.0	267.7	151.5	93.4	93.8	94.6	95.5	96.3	97.1	96.3
115°	623.9	499.0	374.2	249.3	186.9	177.2	157.8	138.3	118.9	99.5	118.9
117.5°	775.6	737.1	698.5	660.0	640.7	605.4	534.7	464.1	393.4	322.8	393.4
120°	892.6	895.9	899.1	902.4	904.0	885.8	849.4	813.0	776.6	740.2	776.6
122.5°	962.6	964.2	965.9	967.5	968.3	968.4	968.7	969.0	969.2	969.5	969.2
125°	1027.2	1029.1	1031.0	1032.9	1033.8	1034.2	1035.0	1035.8	1036.6	1037.4	1036.6
127.5°	1087.5	1090.2	1092.9	1095.6	1096.9	1097.0	1097.3	1097.6	1097.8	1098.1	1097.8
130°	1144.8	1147.7	1150.7	1153.6	1155.1	1155.0	1154.7	1154.4	1154.2	1153.9	1154.2
132.5°	1201.2	1203.6	1206.1	1208.5	1209.7	1209.6	1209.3	1209.0	1208.8	1208.5	1208.8
135°	1253.7	1256.4	1259.1	1261.8	1263.1	1262.8	1262.3	1261.8	1261.2	1260.7	1261.2
137.5°	1303.4	1306.1	1308.8	1311.5	1312.9	1312.5	1311.7	1310.8	1310.0	1309.2	1310.0
140°	1351.7	1354.1	1356.6	1359.0	1360.2	1359.5	1358.2	1356.8	1355.5	1354.1	1355.5
142.5°	1396.4	1398.5	1400.7	1402.8	1403.9	1403.2	1401.9	1400.5	1399.2	1397.8	1399.2
145°	1437.3	1439.2	1441.1	1443.0	1443.9	1443.2	1441.9	1440.6	1439.2	1437.9	1439.2
147.5°	1474.4	1475.7	1477.1	1478.4	1479.1	1478.6	1477.5	1476.4	1475.4	1474.3	1475.4
150°	1507.4	1509.0	1510.7	1512.3	1513.1	1512.4	1511.1	1509.7	1508.4	1507.0	1508.4
152.5°	1537.7	1539.3	1541.0	1542.6	1543.4	1542.5	1540.6	1538.7	1536.8	1534.9	1536.8
155°	1564.4	1566.0	1567.7	1569.3	1570.1	1569.0	1566.9	1564.7	1562.6	1560.4	1562.6
157.5°	1587.8	1589.7	1591.6	1593.5	1594.4	1593.3	1591.2	1589.0	1586.9	1584.7	1586.9
160°	1608.1	1609.7	1611.4	1613.0	1613.8	1612.9	1611.0	1609.1	1607.2	1605.3	1607.2
162.5°	1626.6	1628.5	1630.4	1632.3	1633.2	1632.0	1629.6	1627.1	1624.7	1622.3	1624.7
165°	1641.2	1643.1	1645.0	1646.9	1647.8	1646.9	1645.0	1643.1	1641.2	1639.3	1641.2
167.5°	1654.5	1656.4	1658.3	1660.2	1661.1	1659.9	1657.5	1655.0	1652.6	1650.2	1652.6
170°	1664.2	1666.1	1668.0	1669.9	1670.8	1669.6	1667.2	1664.7	1662.3	1659.9	1662.3
172.5°	1671.5	1673.4	1675.3	1677.2	1678.1	1676.9	1674.5	1672.0	1669.6	1667.2	1669.6
175°	1676.4	1678.3	1680.2	1682.1	1683.0	1681.6	1678.9	1676.2	1673.5	1670.8	1673.5
177.5°	1677.6	1679.5	1681.4	1683.3	1684.2	1683.0	1680.5	1678.1	1675.6	1673.2	1675.6
180°	1676.9	1676.9	1676.9	1676.9	1676.9	1676.9	1676.9	1676.9	1676.9	1676.9	1676.9

TEST NUMBER: P1029159

CATALOG NUMBER: S122DIW-B1005D1240UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	1981.1	1981.1	1981.1	1981.1	1981.1	1981.1	1981.1	1981.1	1981.1	1981.1	1981.1
2.5°	2099.9	2089.3	2080.1	2081.6	2089.3	2083.2	2067.9	2048.1	2040.5	2031.4	2040.5
5°	2226.3	2217.2	2198.9	2200.4	2195.9	2189.8	2165.4	2134.9	2134.9	2110.6	2107.5
7.5°	2351.2	2337.5	2325.3	2322.2	2305.5	2293.3	2272.0	2229.4	2212.6	2183.7	2166.9
10°	2491.3	2480.6	2466.9	2450.2	2441.0	2419.7	2384.7	2322.2	2291.8	2252.2	2223.3
12.5°	2632.9	2631.4	2600.9	2567.4	2565.9	2532.4	2508.0	2424.3	2383.2	2329.9	2261.3
15°	2722.7	2715.1	2698.4	2681.6	2686.2	2649.6	2594.8	2495.8	2468.4	2404.5	2331.4
17.5°	2721.2	2721.2	2716.6	2713.6	2709.0	2698.4	2667.9	2602.4	2558.3	2477.6	2409.0
20°	2634.4	2654.2	2658.8	2657.3	2672.5	2680.1	2678.6	2637.5	2602.4	2530.9	2460.8
22.5°	2460.8	2506.5	2526.3	2538.5	2570.5	2587.2	2626.8	2611.6	2602.4	2549.1	2489.8
25°	2299.4	2314.6	2374.0	2377.1	2421.2	2462.3	2501.9	2527.8	2561.3	2541.5	2491.3
27.5°	2090.8	2125.8	2168.4	2200.4	2209.6	2293.3	2358.8	2407.5	2483.7	2489.8	2473.0
30°	1854.7	1871.5	1941.5	1984.2	2032.9	2093.8	2188.2	2272.0	2340.5	2403.0	2424.3
32.5°	1566.9	1635.5	1676.6	1728.4	1771.0	1879.1	1994.8	2103.0	2182.1	2287.2	2332.9
35°	1303.5	1356.8	1426.8	1448.2	1525.8	1617.2	1768.0	1906.5	2026.8	2133.4	2226.3
37.5°	1085.7	1128.4	1203.0	1236.5	1282.2	1399.4	1525.8	1697.9	1842.6	1973.5	2089.3
40°	936.5	968.5	1024.8	1035.5	1073.6	1180.2	1282.2	1443.6	1635.5	1812.1	1938.5
42.5°	834.5	849.7	887.8	901.5	925.9	997.4	1088.8	1241.1	1419.2	1602.0	1780.1
45°	761.4	772.1	794.9	807.1	837.5	869.5	944.1	1065.9	1206.0	1390.3	1582.2
47.5°	695.9	709.6	718.8	726.4	743.1	778.1	826.9	916.7	1050.7	1219.7	1405.5
50°	641.1	645.7	662.4	663.9	674.6	697.4	743.1	797.9	904.5	1041.6	1221.3
52.5°	586.3	590.8	601.5	612.2	616.7	635.0	665.5	711.1	790.3	898.4	1058.3
55°	531.5	537.5	548.2	555.8	560.4	575.6	593.9	638.0	700.5	776.6	907.6
57.5°	476.6	490.3	493.4	498.0	505.6	522.3	539.1	565.0	613.7	683.7	779.7
60°	424.9	429.4	440.1	444.7	452.3	461.4	482.7	502.5	537.5	592.4	679.2
62.5°	371.6	382.2	386.8	391.4	397.4	408.1	421.8	443.1	473.6	517.7	586.3
65°	325.9	327.4	336.5	342.6	348.7	356.3	370.0	389.8	408.1	449.2	499.5
67.5°	281.7	284.8	287.8	293.9	301.5	309.1	321.3	332.0	354.8	382.2	421.8
70°	239.1	239.1	246.7	251.3	249.7	258.9	268.0	280.2	296.9	322.8	354.8
72.5°	201.0	199.5	205.6	207.1	210.1	216.2	222.3	234.5	243.6	263.4	287.8
75°	159.9	162.9	166.0	166.0	170.6	175.1	181.2	187.3	198.0	210.1	228.4
77.5°	126.4	126.4	129.4	131.0	135.5	134.0	140.1	146.2	153.8	164.5	178.2
80°	92.9	95.9	95.9	95.9	97.5	99.0	105.1	109.6	114.2	121.8	127.9
82.5°	65.5	65.5	68.5	68.5	68.5	71.6	71.6	73.1	76.1	80.7	85.3
85°	41.1	41.1	41.1	42.6	41.1	42.6	45.7	44.2	45.7	48.7	48.7
87.5°	19.8	19.8	19.8	19.8	19.8	21.3	19.8	21.3	22.8	22.8	22.8
90°	31.7	31.1	30.6	30.3	29.6	28.3	27.0	25.6	24.3	22.1	20.0
92.5°	32.2	31.9	31.6	31.5	31.2	30.7	30.2	29.6	29.1	28.3	27.5
95°	52.7	53.0	53.3	53.4	52.7	51.4	50.0	48.7	47.3	45.4	43.5
97.5°	66.2	65.9	65.6	65.5	65.1	64.3	63.5	62.7	61.9	57.6	53.3
100°	80.2	79.7	79.2	78.9	77.8	75.7	73.5	71.4	69.2	64.6	60.0
102.5°	87.0	86.1	85.3	84.9	83.4	80.5	77.5	74.6	71.6	120.7	169.7
105°	90.1	89.0	87.9	87.4	85.9	82.9	80.0	77.0	74.0	147.6	221.2
107.5°	92.5	91.4	90.3	89.8	88.3	85.3	82.4	79.4	76.4	167.3	258.2
110°	93.7	92.6	91.5	91.0	104.5	131.4	158.4	185.3	212.3	290.2	368.2

TEST NUMBER: P1029159

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CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	95.5	94.6	93.8	93.4	151.5	267.7	384.0	500.2	616.4	621.0	625.6
115°	138.3	157.8	177.2	186.9	249.3	374.2	499.0	623.9	748.7	741.9	735.2
117.5°	464.1	534.7	605.4	640.7	660.0	698.5	737.1	775.6	814.2	809.6	805.0
120°	813.0	849.4	885.8	904.0	902.4	899.1	895.9	892.6	889.4	884.6	879.7
122.5°	969.0	968.7	968.4	968.3	967.5	965.9	964.2	962.6	961.0	955.6	950.2
125°	1035.8	1035.0	1034.2	1033.8	1032.9	1031.0	1029.1	1027.2	1025.3	1020.2	1015.1
127.5°	1097.6	1097.3	1097.0	1096.9	1095.6	1092.9	1090.2	1087.5	1084.8	1080.8	1076.7
130°	1154.4	1154.7	1155.0	1155.1	1153.6	1150.7	1147.7	1144.8	1141.8	1138.8	1135.8
132.5°	1209.0	1209.3	1209.6	1209.7	1208.5	1206.1	1203.6	1201.2	1198.8	1195.8	1192.9
135°	1261.8	1262.3	1262.8	1263.1	1261.8	1259.1	1256.4	1253.7	1251.0	1248.6	1246.2
137.5°	1310.8	1311.7	1312.5	1312.9	1311.5	1308.8	1306.1	1303.4	1300.7	1298.0	1295.3
140°	1356.8	1358.2	1359.5	1360.2	1359.0	1356.6	1354.1	1351.7	1349.3	1346.3	1343.3
142.5°	1400.5	1401.9	1403.2	1403.9	1402.8	1400.7	1398.5	1396.4	1394.2	1390.7	1387.2
145°	1440.6	1441.9	1443.2	1443.9	1443.0	1441.1	1439.2	1437.3	1435.4	1430.8	1426.2
147.5°	1476.4	1477.5	1478.6	1479.1	1478.4	1477.1	1475.7	1474.4	1473.0	1468.4	1463.8
150°	1509.7	1511.1	1512.4	1513.1	1512.3	1510.7	1509.0	1507.4	1505.8	1501.5	1497.2
152.5°	1538.7	1540.6	1542.5	1543.4	1542.6	1541.0	1539.3	1537.7	1536.1	1532.1	1528.0
155°	1564.7	1566.9	1569.0	1570.1	1569.3	1567.7	1566.0	1564.4	1562.8	1559.6	1556.4
157.5°	1589.0	1591.2	1593.3	1594.4	1593.5	1591.6	1589.7	1587.8	1585.9	1583.5	1581.1
160°	1609.1	1611.0	1612.9	1613.8	1613.0	1611.4	1609.7	1608.1	1606.5	1604.9	1603.3
162.5°	1627.1	1629.6	1632.0	1633.2	1632.3	1630.4	1628.5	1626.6	1624.7	1623.3	1622.0
165°	1643.1	1645.0	1646.9	1647.8	1646.9	1645.0	1643.1	1641.2	1639.3	1638.5	1637.7
167.5°	1655.0	1657.5	1659.9	1661.1	1660.2	1658.3	1656.4	1654.5	1652.6	1651.8	1651.0
170°	1664.7	1667.2	1669.6	1670.8	1669.9	1668.0	1666.1	1664.2	1662.3	1661.8	1661.2
172.5°	1672.0	1674.5	1676.9	1678.1	1677.2	1675.3	1673.4	1671.5	1669.6	1669.1	1668.5
175°	1676.2	1678.9	1681.6	1683.0	1682.1	1680.2	1678.3	1676.4	1674.5	1673.9	1673.4
177.5°	1678.1	1680.5	1683.0	1684.2	1683.3	1681.4	1679.5	1677.6	1675.7	1675.4	1675.2
180°	1676.9	1676.9	1676.9	1676.9	1676.9	1676.9	1676.9	1676.9	1676.9	1676.9	1676.9

TEST NUMBER: P1029159

CATALOG NUMBER: S122DIW-B1005D1240UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
0°	1981.1	1981.1	1981.1	1981.1	1981.1	1981.1	1981.1	1981.1	1981.1	1981.1	1981.1
2.5°	2032.9	2025.3	2020.7	2023.8	2014.6	1991.8	1991.8	1999.4	1990.3	1981.1	1967.4
5°	2089.3	2074.0	2064.9	2063.4	2042.1	2005.5	1997.9	1990.3	1970.5	1949.2	1926.3
7.5°	2144.1	2116.7	2101.4	2090.8	2060.3	2013.1	1993.3	1976.6	1944.6	1912.6	1883.7
10°	2189.8	2150.2	2131.9	2115.1	2075.6	2016.2	1984.2	1953.7	1912.6	1871.5	1835.0
12.5°	2226.3	2180.6	2157.8	2133.4	2084.7	2007.0	1967.4	1918.7	1877.6	1822.8	1786.2
15°	2287.2	2192.8	2171.5	2148.6	2098.4	1991.8	1943.1	1888.3	1831.9	1758.8	1719.2
17.5°	2335.9	2209.6	2208.0	2159.3	2093.8	1985.7	1911.1	1839.5	1778.6	1705.5	1643.1
20°	2364.9	2235.4	2211.1	2160.8	2078.6	1944.6	1866.9	1787.7	1722.3	1633.9	1571.5
22.5°	2389.2	2272.0	2208.0	2147.1	2046.6	1930.9	1816.7	1742.1	1652.2	1556.3	1496.9
25°	2398.4	2279.6	2212.6	2142.6	2023.8	1891.3	1761.9	1681.2	1580.6	1493.9	1413.1
27.5°	2399.9	2278.1	2195.9	2122.8	1991.8	1839.5	1707.0	1621.8	1510.6	1410.1	1329.4
30°	2384.7	2261.3	2186.7	2107.5	1961.3	1792.3	1640.0	1545.6	1426.8	1326.3	1242.6
32.5°	2339.0	2227.8	2166.9	2080.1	1921.8	1726.8	1576.1	1471.0	1346.1	1247.2	1166.5
35°	2262.9	2186.7	2119.7	2039.0	1870.0	1665.9	1512.1	1388.8	1262.4	1168.0	1091.8
37.5°	2168.4	2127.3	2064.9	1985.7	1810.6	1611.1	1440.6	1303.5	1177.1	1085.7	1011.1
40°	2040.5	2051.2	1990.3	1918.7	1740.5	1536.5	1347.7	1216.7	1097.9	1012.7	939.6
42.5°	1902.0	1946.1	1911.1	1842.6	1662.9	1454.3	1279.1	1134.5	1018.7	930.4	869.5
45°	1752.7	1828.9	1807.5	1757.3	1582.2	1367.5	1181.7	1041.6	939.6	854.3	801.0
47.5°	1589.8	1697.9	1697.9	1661.4	1492.3	1280.7	1097.9	954.8	854.3	793.4	741.6
50°	1423.8	1545.6	1565.4	1541.1	1391.8	1181.7	995.9	866.5	779.7	720.3	682.2
52.5°	1250.2	1391.8	1428.4	1416.2	1285.2	1087.3	912.1	785.8	706.6	654.8	621.3
55°	1084.2	1248.7	1288.3	1292.8	1171.0	983.7	819.3	708.1	632.0	596.9	568.0
57.5°	927.4	1085.7	1129.9	1137.5	1055.3	889.3	732.5	635.0	566.5	537.5	514.7
60°	793.4	925.9	983.7	1000.5	928.9	779.7	651.8	557.3	505.6	478.2	456.8
62.5°	683.7	790.3	851.2	855.8	823.8	683.7	568.0	488.8	444.7	420.3	409.6
65°	577.1	673.1	709.6	727.9	702.0	592.4	490.3	424.9	389.8	368.5	357.9
67.5°	491.9	552.8	583.2	607.6	581.7	499.5	417.2	363.9	338.1	316.7	310.6
70°	403.5	453.8	476.6	501.0	478.2	415.7	356.3	307.6	284.8	268.0	260.4
72.5°	322.8	362.4	383.7	399.0	385.3	333.5	284.8	251.3	234.5	222.3	217.8
75°	255.8	283.2	295.4	306.1	300.0	260.4	229.9	202.5	187.3	176.6	173.6
77.5°	194.9	214.7	228.4	231.5	223.8	198.0	172.1	155.3	143.1	137.1	134.0
80°	138.6	150.8	158.4	162.9	155.3	144.7	126.4	114.2	103.5	95.9	94.4
82.5°	92.9	99.0	105.1	103.5	100.5	91.4	80.7	74.6	70.0	64.0	64.0
85°	53.3	54.8	57.9	59.4	57.9	51.8	45.7	42.6	39.6	35.0	35.0
87.5°	22.8	24.4	24.4	25.9	22.8	22.8	19.8	16.8	16.8	15.2	13.7
90°	17.8	15.7	14.6	13.1	10.1	7.2	4.2	1.2	4.2	7.2	10.1
92.5°	26.7	25.9	25.5	26.0	27.1	28.2	29.2	30.3	29.2	28.2	27.1
95°	41.6	39.7	38.8	43.3	52.2	61.1	70.0	78.9	70.0	61.1	52.2
97.5°	49.0	44.7	42.5	53.6	75.7	97.8	119.9	142.0	119.9	97.8	75.7
100°	55.4	50.8	48.5	67.0	103.9	140.9	177.8	214.8	177.8	140.9	103.9
102.5°	218.8	267.9	292.4	292.7	293.2	293.8	294.3	294.9	294.3	293.8	293.2
105°	294.9	368.5	405.3	401.3	393.2	385.1	377.0	368.9	377.0	385.1	393.2
107.5°	349.1	440.0	485.4	482.0	475.3	468.5	461.8	455.0	461.8	468.5	475.3
110°	446.1	524.0	563.0	560.2	554.5	548.8	543.2	537.5	543.2	548.8	554.5

TEST NUMBER: P1029159

CATALOG NUMBER: S122DIW-B1005D1240UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
112.5°	630.1	634.7	637.0	634.6	629.7	624.9	620.0	615.2	620.0	624.9	629.7
115°	728.4	721.7	718.3	716.0	711.4	706.9	702.3	697.7	702.3	706.9	711.4
117.5°	800.4	795.8	793.5	790.8	785.4	780.1	774.7	769.3	774.7	780.1	785.4
120°	874.9	870.0	867.6	865.6	861.5	857.5	853.4	849.4	853.4	857.5	861.5
122.5°	944.8	939.4	936.7	934.5	930.2	925.9	921.6	917.3	921.6	925.9	930.2
125°	1010.0	1004.9	1002.3	1000.5	997.0	993.5	990.0	986.5	990.0	993.5	997.0
127.5°	1072.7	1068.6	1066.6	1064.7	1060.9	1057.2	1053.4	1049.6	1053.4	1057.2	1060.9
130°	1132.9	1129.9	1128.4	1126.2	1121.9	1117.6	1113.3	1109.0	1113.3	1117.6	1121.9
132.5°	1189.9	1187.0	1185.5	1183.7	1180.2	1176.7	1173.2	1169.7	1173.2	1176.7	1180.2
135°	1243.7	1241.3	1240.1	1237.9	1233.6	1229.3	1225.0	1220.7	1225.0	1229.3	1233.6
137.5°	1292.6	1289.9	1288.6	1287.0	1283.7	1280.5	1277.2	1274.0	1277.2	1280.5	1283.7
140°	1340.4	1337.4	1335.9	1334.8	1332.7	1330.5	1328.4	1326.2	1328.4	1330.5	1332.7
142.5°	1383.7	1380.2	1378.4	1377.5	1375.6	1373.7	1371.8	1369.9	1371.8	1373.7	1375.6
145°	1421.7	1417.1	1414.8	1414.9	1415.2	1415.5	1415.7	1416.0	1415.7	1415.5	1415.2
147.5°	1459.3	1454.7	1452.4	1452.8	1453.6	1454.5	1455.3	1456.1	1455.3	1454.5	1453.6
150°	1492.9	1488.6	1486.4	1487.3	1489.2	1491.1	1493.0	1494.9	1493.0	1491.1	1489.2
152.5°	1524.0	1519.9	1517.9	1519.0	1521.1	1523.3	1525.4	1527.6	1525.4	1523.3	1521.1
155°	1553.1	1549.9	1548.3	1549.5	1551.9	1554.4	1556.8	1559.2	1556.8	1554.4	1551.9
157.5°	1578.6	1576.2	1575.0	1576.1	1578.2	1580.4	1582.5	1584.7	1582.5	1580.4	1578.2
160°	1601.6	1600.0	1599.2	1600.0	1601.6	1603.3	1604.9	1606.5	1604.9	1603.3	1601.6
162.5°	1620.6	1619.3	1618.6	1619.4	1621.0	1622.7	1624.3	1625.9	1624.3	1622.7	1621.0
165°	1636.8	1636.0	1635.6	1636.4	1638.0	1639.7	1641.3	1642.9	1641.3	1639.7	1638.0
167.5°	1650.2	1649.4	1649.0	1649.8	1651.4	1653.1	1654.7	1656.3	1654.7	1653.1	1651.4
170°	1660.7	1660.2	1659.9	1660.7	1662.3	1664.0	1665.6	1667.2	1665.6	1664.0	1662.3
172.5°	1668.0	1667.5	1667.2	1668.0	1669.6	1671.3	1672.9	1674.5	1672.9	1671.3	1669.6
175°	1672.8	1672.3	1672.0	1672.9	1674.8	1676.7	1678.6	1680.5	1678.6	1676.7	1674.8
177.5°	1674.9	1674.6	1674.5	1675.4	1677.3	1679.2	1681.1	1683.0	1681.1	1679.2	1677.3
180°	1676.9	1676.9	1676.9	1676.9	1676.9	1676.9	1676.9	1676.9	1676.9	1676.9	1676.9

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CATALOG NUMBER: S122DIW-B1005D1240UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
0°	1981.1	1981.1	1981.1	1981.1	1981.1	1981.1	1981.1	1981.1	1981.1	1981.1	1981.1
2.5°	1959.8	1967.4	1965.9	1950.7	1933.9	1920.2	1894.3	1897.4	1888.3	1889.8	1898.9
5°	1911.1	1911.1	1905.0	1883.7	1856.3	1841.0	1812.1	1804.5	1786.2	1784.7	1783.2
7.5°	1859.3	1851.7	1844.1	1813.6	1780.1	1755.8	1716.2	1707.0	1688.8	1676.6	1670.5
10°	1798.4	1787.7	1772.5	1737.5	1696.4	1665.9	1624.8	1612.6	1577.6	1562.4	1553.2
12.5°	1731.4	1725.3	1700.9	1672.0	1605.0	1571.5	1512.1	1524.3	1489.3	1458.8	1454.3
15°	1664.4	1641.6	1627.9	1580.6	1499.9	1484.7	1437.5	1413.1	1381.2	1356.8	1356.8
17.5°	1598.9	1563.9	1533.4	1483.2	1423.8	1381.2	1346.1	1334.0	1294.4	1270.0	1265.4
20°	1512.1	1472.5	1464.9	1393.3	1352.2	1305.0	1271.5	1241.1	1212.1	1201.5	1193.9
22.5°	1429.9	1384.2	1372.0	1311.1	1270.0	1222.8	1189.3	1168.0	1146.7	1139.0	1125.3
25°	1341.6	1314.2	1295.9	1230.4	1184.7	1140.6	1117.7	1102.5	1082.7	1081.2	1072.0
27.5°	1256.3	1230.4	1212.1	1149.7	1116.2	1075.1	1056.8	1040.1	1029.4	1024.8	1020.3
30°	1183.2	1154.3	1133.0	1087.3	1046.2	1012.7	997.4	986.8	980.7	973.1	971.5
32.5°	1102.5	1085.7	1056.8	1021.8	989.8	957.8	948.7	941.1	931.9	928.9	927.4
35°	1034.0	1011.1	992.9	953.3	939.6	912.1	901.5	895.4	883.2	880.2	877.1
37.5°	967.0	945.6	925.9	901.5	875.6	860.4	854.3	845.1	839.1	840.6	837.5
40°	900.0	883.2	868.0	842.1	826.9	819.3	807.1	797.9	794.9	796.4	794.9
42.5°	834.5	819.3	810.1	790.3	775.1	767.5	759.9	750.7	755.3	755.3	759.9
45°	775.1	761.4	755.3	740.1	730.9	718.8	711.1	709.6	715.7	714.2	714.2
47.5°	714.2	709.6	702.0	688.3	676.1	668.5	667.0	667.0	673.1	676.1	674.6
50°	667.0	657.8	648.7	638.0	628.9	625.9	621.3	624.3	630.4	630.4	633.5
52.5°	607.6	601.5	598.5	589.3	583.2	583.2	583.2	584.7	589.3	593.9	592.4
55°	555.8	551.2	548.2	543.6	536.0	537.5	536.0	539.1	543.6	548.2	551.2
57.5°	501.0	499.5	496.4	488.8	488.8	487.3	491.9	493.4	501.0	504.0	508.6
60°	452.3	447.7	447.7	441.6	441.6	441.6	446.2	450.7	456.8	458.4	461.4
62.5°	400.5	400.5	399.0	394.4	394.4	399.0	400.5	406.6	409.6	409.6	414.2
65°	351.8	350.2	348.7	350.2	351.8	351.8	356.3	359.4	362.4	363.9	365.5
67.5°	303.0	301.5	304.6	303.0	306.1	312.2	310.6	315.2	319.8	319.8	321.3
70°	257.4	260.4	258.9	261.9	260.4	263.4	268.0	269.5	269.5	271.1	275.6
72.5°	214.7	214.7	214.7	213.2	214.7	217.8	220.8	222.3	225.4	226.9	231.5
75°	173.6	173.6	170.6	173.6	173.6	176.6	179.7	179.7	179.7	182.7	187.3
77.5°	131.0	132.5	131.0	134.0	134.0	135.5	138.6	137.1	140.1	141.6	143.1
80°	95.9	94.4	94.4	94.4	95.9	95.9	99.0	100.5	100.5	105.1	102.0
82.5°	60.9	62.4	60.9	62.4	62.4	64.0	62.4	64.0	65.5	68.5	67.0
85°	35.0	33.5	33.5	35.0	33.5	33.5	35.0	33.5	35.0	33.5	35.0
87.5°	13.7	12.2	12.2	12.2	12.2	10.7	10.7	9.1	9.1	9.1	7.6
90°	13.1	14.6	15.7	17.8	20.0	22.1	24.3	25.6	27.0	28.3	29.6
92.5°	26.0	25.5	25.9	26.7	27.5	28.3	29.1	29.6	30.2	30.7	31.2
95°	43.3	38.8	39.7	41.6	43.5	45.4	47.3	48.7	50.0	51.4	52.7
97.5°	53.6	42.5	44.7	49.0	53.3	57.6	61.9	62.7	63.5	64.3	65.1
100°	67.0	48.5	50.8	55.4	60.0	64.6	69.2	71.4	73.5	75.7	77.8
102.5°	292.7	292.4	267.9	218.8	169.7	120.7	71.6	74.6	77.5	80.5	83.4
105°	401.3	405.3	368.5	294.9	221.2	147.6	74.0	77.0	80.0	82.9	85.9
107.5°	482.0	485.4	440.0	349.1	258.2	167.3	76.4	79.4	82.4	85.3	88.3
110°	560.2	563.0	524.0	446.1	368.2	290.2	212.3	185.3	158.4	131.4	104.5

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CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
112.5°	634.6	637.0	634.7	630.1	625.6	621.0	616.4	500.2	384.0	267.7	151.5
115°	716.0	718.3	721.7	728.4	735.2	741.9	748.7	623.9	499.0	374.2	249.3
117.5°	790.8	793.5	795.8	800.4	805.0	809.6	814.2	775.6	737.1	698.5	660.0
120°	865.6	867.6	870.0	874.9	879.7	884.6	889.4	892.6	895.9	899.1	902.4
122.5°	934.5	936.7	939.4	944.8	950.2	955.6	961.0	962.6	964.2	965.9	967.5
125°	1000.5	1002.3	1004.9	1010.0	1015.1	1020.2	1025.3	1027.2	1029.1	1031.0	1032.9
127.5°	1064.7	1066.6	1068.6	1072.7	1076.7	1080.8	1084.8	1087.5	1090.2	1092.9	1095.6
130°	1126.2	1128.4	1129.9	1132.9	1135.8	1138.8	1141.8	1144.8	1147.7	1150.7	1153.6
132.5°	1183.7	1185.5	1187.0	1189.9	1192.9	1195.8	1198.8	1201.2	1203.6	1206.1	1208.5
135°	1237.9	1240.1	1241.3	1243.7	1246.2	1248.6	1251.0	1253.7	1256.4	1259.1	1261.8
137.5°	1287.0	1288.6	1289.9	1292.6	1295.3	1298.0	1300.7	1303.4	1306.1	1308.8	1311.5
140°	1334.8	1335.9	1337.4	1340.4	1343.3	1346.3	1349.3	1351.7	1354.1	1356.6	1359.0
142.5°	1377.5	1378.4	1380.2	1383.7	1387.2	1390.7	1394.2	1396.4	1398.5	1400.7	1402.8
145°	1414.9	1414.8	1417.1	1421.7	1426.2	1430.8	1435.4	1437.3	1439.2	1441.1	1443.0
147.5°	1452.8	1452.4	1454.7	1459.3	1463.8	1468.4	1473.0	1474.4	1475.7	1477.1	1478.4
150°	1487.3	1486.4	1488.6	1492.9	1497.2	1501.5	1505.8	1507.4	1509.0	1510.7	1512.3
152.5°	1519.0	1517.9	1519.9	1524.0	1528.0	1532.1	1536.1	1537.7	1539.3	1541.0	1542.6
155°	1549.5	1548.3	1549.9	1553.1	1556.4	1559.6	1562.8	1564.4	1566.0	1567.7	1569.3
157.5°	1576.1	1575.0	1576.2	1578.6	1581.1	1583.5	1585.9	1587.8	1589.7	1591.6	1593.5
160°	1600.0	1599.2	1600.0	1601.6	1603.3	1604.9	1606.5	1608.1	1609.7	1611.4	1613.0
162.5°	1619.4	1618.6	1619.3	1620.6	1622.0	1623.3	1624.7	1626.6	1628.5	1630.4	1632.3
165°	1636.4	1635.6	1636.0	1636.8	1637.7	1638.5	1639.3	1641.2	1643.1	1645.0	1646.9
167.5°	1649.8	1649.0	1649.4	1650.2	1651.0	1651.8	1652.6	1654.5	1656.4	1658.3	1660.2
170°	1660.7	1659.9	1660.2	1660.7	1661.2	1661.8	1662.3	1664.2	1666.1	1668.0	1669.9
172.5°	1668.0	1667.2	1667.5	1668.0	1668.5	1669.1	1669.6	1671.5	1673.4	1675.3	1677.2
175°	1672.9	1672.0	1672.3	1672.8	1673.4	1673.9	1674.5	1676.4	1678.3	1680.2	1682.1
177.5°	1675.4	1674.5	1674.6	1674.9	1675.2	1675.4	1675.7	1677.6	1679.5	1681.4	1683.3
180°	1676.9	1676.9	1676.9	1676.9	1676.9	1676.9	1676.9	1676.9	1676.9	1676.9	1676.9

TEST NUMBER: P1029159

CATALOG NUMBER: S122DIW-B1005D1240UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
0°	1981.1	1981.1	1981.1	1981.1	1981.1	1981.1	1981.1	1981.1	1981.1	1981.1	1981.1
2.5°	1888.3	1892.8	1882.2	1879.1	1882.2	1871.5	1874.5	1877.6	1877.6	1882.2	1885.2
5°	1778.6	1772.5	1761.9	1758.8	1755.8	1760.3	1757.3	1761.9	1763.4	1774.0	1775.6
7.5°	1670.5	1661.4	1652.2	1643.1	1640.0	1632.4	1640.0	1640.0	1650.7	1647.7	1655.3
10°	1542.6	1541.1	1528.9	1524.3	1518.2	1506.0	1522.8	1518.2	1525.8	1539.5	1542.6
12.5°	1448.2	1431.4	1439.0	1417.7	1425.3	1413.1	1414.7	1414.7	1426.8	1428.4	1425.3
15°	1358.3	1344.6	1324.8	1315.7	1311.1	1305.0	1324.8	1326.3	1317.2	1338.5	1330.9
17.5°	1267.0	1267.0	1248.7	1244.1	1231.9	1238.0	1235.0	1236.5	1233.5	1248.7	1256.3
20°	1187.8	1180.2	1174.1	1175.6	1160.4	1157.3	1154.3	1157.3	1168.0	1178.6	1181.7
22.5°	1123.8	1119.2	1104.0	1107.1	1094.9	1099.4	1096.4	1104.0	1105.5	1105.5	1116.2
25°	1062.9	1056.8	1058.3	1052.2	1047.7	1047.7	1043.1	1047.7	1053.8	1056.8	1058.3
27.5°	1017.2	1012.7	1005.0	1000.5	1003.5	995.9	1002.0	1006.6	1006.6	1003.5	1006.6
30°	962.4	965.4	965.4	950.2	956.3	953.3	957.8	960.9	960.9	962.4	959.4
32.5°	925.9	916.7	915.2	913.7	913.7	907.6	907.6	912.1	913.7	915.2	919.8
35°	877.1	877.1	869.5	874.1	868.0	869.5	868.0	869.5	872.6	868.0	872.6
37.5°	833.0	834.5	831.4	834.5	836.0	833.0	829.9	836.0	833.0	833.0	829.9
40°	794.9	793.4	794.9	794.9	794.9	796.4	793.4	793.4	793.4	790.3	787.3
42.5°	762.9	753.8	756.8	758.3	753.8	753.8	755.3	753.8	758.3	749.2	749.2
45°	717.2	714.2	715.7	715.7	718.8	714.2	717.2	718.8	714.2	712.7	709.6
47.5°	676.1	679.2	676.1	679.2	679.2	682.2	676.1	677.6	679.2	673.1	668.5
50°	635.0	635.0	639.6	638.0	639.6	636.5	636.5	635.0	636.5	633.5	628.9
52.5°	596.9	592.4	600.0	598.5	596.9	595.4	593.9	595.4	592.4	589.3	589.3
55°	549.7	549.7	554.3	555.8	555.8	552.8	549.7	551.2	549.7	548.2	546.7
57.5°	511.7	505.6	508.6	510.1	510.1	505.6	508.6	505.6	505.6	507.1	502.5
60°	462.9	462.9	459.9	464.4	464.4	461.4	461.4	462.9	459.9	458.4	456.8
62.5°	411.2	412.7	417.2	418.8	420.3	417.2	414.2	415.7	415.7	411.2	412.7
65°	367.0	370.0	376.1	374.6	371.6	373.1	370.0	371.6	367.0	368.5	363.9
67.5°	324.4	322.8	324.4	324.4	327.4	325.9	322.8	322.8	321.3	325.9	321.3
70°	278.7	278.7	278.7	278.7	280.2	281.7	278.7	275.6	277.1	274.1	272.6
72.5°	231.5	233.0	231.5	234.5	229.9	233.0	233.0	231.5	229.9	229.9	229.9
75°	187.3	190.3	185.8	187.3	185.8	188.8	187.3	187.3	184.3	182.7	184.3
77.5°	143.1	144.7	141.6	143.1	141.6	143.1	143.1	141.6	141.6	141.6	141.6
80°	102.0	103.5	102.0	100.5	99.0	102.0	99.0	100.5	102.0	100.5	103.5
82.5°	65.5	65.5	64.0	65.5	62.4	62.4	64.0	64.0	62.4	65.5	62.4
85°	32.0	32.0	35.0	32.0	30.5	30.5	30.5	32.0	30.5	33.5	32.0
87.5°	7.6	6.1	7.6	7.6	6.1	6.1	7.6	6.1	7.6	9.1	6.1
90°	30.3	30.6	31.1	31.7	32.2	32.8	32.2	31.7	31.1	30.6	30.3
92.5°	31.5	31.6	31.9	32.2	32.5	32.8	32.5	32.2	31.9	31.6	31.5
95°	53.4	53.3	53.0	52.7	52.5	52.2	52.5	52.7	53.0	53.3	53.4
97.5°	65.5	65.6	65.9	66.2	66.4	66.7	66.4	66.2	65.9	65.6	65.5
100°	78.9	79.2	79.7	80.2	80.8	81.3	80.8	80.2	79.7	79.2	78.9
102.5°	84.9	85.3	86.1	87.0	87.8	88.6	87.8	87.0	86.1	85.3	84.9
105°	87.4	87.9	89.0	90.1	91.1	92.2	91.1	90.1	89.0	87.9	87.4
107.5°	89.8	90.3	91.4	92.5	93.5	94.6	93.5	92.5	91.4	90.3	89.8
110°	91.0	91.5	92.6	93.7	94.8	95.9	94.8	93.7	92.6	91.5	91.0

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CATALOG NUMBER: S122DIW-B1005D1240UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
112.5°	93.4	93.8	94.6	95.5	96.3	97.1	96.3	95.5	94.6	93.8	93.4
115°	186.9	177.2	157.8	138.3	118.9	99.5	118.9	138.3	157.8	177.2	186.9
117.5°	640.7	605.4	534.7	464.1	393.4	322.8	393.4	464.1	534.7	605.4	640.7
120°	904.0	885.8	849.4	813.0	776.6	740.2	776.6	813.0	849.4	885.8	904.0
122.5°	968.3	968.4	968.7	969.0	969.2	969.5	969.2	969.0	968.7	968.4	968.3
125°	1033.8	1034.2	1035.0	1035.8	1036.6	1037.4	1036.6	1035.8	1035.0	1034.2	1033.8
127.5°	1096.9	1097.0	1097.3	1097.6	1097.8	1098.1	1097.8	1097.6	1097.3	1097.0	1096.9
130°	1155.1	1155.0	1154.7	1154.4	1154.2	1153.9	1154.2	1154.4	1154.7	1155.0	1155.1
132.5°	1209.7	1209.6	1209.3	1209.0	1208.8	1208.5	1208.8	1209.0	1209.3	1209.6	1209.7
135°	1263.1	1262.8	1262.3	1261.8	1261.2	1260.7	1261.2	1261.8	1262.3	1262.8	1263.1
137.5°	1312.9	1312.5	1311.7	1310.8	1310.0	1309.2	1310.0	1310.8	1311.7	1312.5	1312.9
140°	1360.2	1359.5	1358.2	1356.8	1355.5	1354.1	1355.5	1356.8	1358.2	1359.5	1360.2
142.5°	1403.9	1403.2	1401.9	1400.5	1399.2	1397.8	1399.2	1400.5	1401.9	1403.2	1403.9
145°	1443.9	1443.2	1441.9	1440.6	1439.2	1437.9	1439.2	1440.6	1441.9	1443.2	1443.9
147.5°	1479.1	1478.6	1477.5	1476.4	1475.4	1474.3	1475.4	1476.4	1477.5	1478.6	1479.1
150°	1513.1	1512.4	1511.1	1509.7	1508.4	1507.0	1508.4	1509.7	1511.1	1512.4	1513.1
152.5°	1543.4	1542.5	1540.6	1538.7	1536.8	1534.9	1536.8	1538.7	1540.6	1542.5	1543.4
155°	1570.1	1569.0	1566.9	1564.7	1562.6	1560.4	1562.6	1564.7	1566.9	1569.0	1570.1
157.5°	1594.4	1593.3	1591.2	1589.0	1586.9	1584.7	1586.9	1589.0	1591.2	1593.3	1594.4
160°	1613.8	1612.9	1611.0	1609.1	1607.2	1605.3	1607.2	1609.1	1611.0	1612.9	1613.8
162.5°	1633.2	1632.0	1629.6	1627.1	1624.7	1622.3	1624.7	1627.1	1629.6	1632.0	1633.2
165°	1647.8	1646.9	1645.0	1643.1	1641.2	1639.3	1641.2	1643.1	1645.0	1646.9	1647.8
167.5°	1661.1	1659.9	1657.5	1655.0	1652.6	1650.2	1652.6	1655.0	1657.5	1659.9	1661.1
170°	1670.8	1669.6	1667.2	1664.7	1662.3	1659.9	1662.3	1664.7	1667.2	1669.6	1670.8
172.5°	1678.1	1676.9	1674.5	1672.0	1669.6	1667.2	1669.6	1672.0	1674.5	1676.9	1678.1
175°	1683.0	1681.6	1678.9	1676.2	1673.5	1670.8	1673.5	1676.2	1678.9	1681.6	1683.0
177.5°	1684.2	1683.0	1680.5	1678.1	1675.6	1673.2	1675.6	1678.1	1680.5	1683.0	1684.2
180°	1676.9	1676.9	1676.9	1676.9	1676.9	1676.9	1676.9	1676.9	1676.9	1676.9	1676.9

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CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
0°	1981.1	1981.1	1981.1	1981.1	1981.1	1981.1	1981.1	1981.1	1981.1	1981.1	1981.1
2.5°	1880.6	1892.8	1888.3	1871.5	1891.3	1891.3	1905.0	1905.0	1921.8	1927.8	1937.0
5°	1774.0	1783.2	1790.8	1783.2	1796.9	1818.2	1830.4	1841.0	1863.9	1873.0	1886.7
7.5°	1659.8	1676.6	1684.2	1684.2	1707.0	1731.4	1755.8	1771.0	1803.0	1815.2	1828.9
10°	1548.7	1568.5	1583.7	1582.2	1620.2	1635.5	1665.9	1700.9	1732.9	1751.2	1771.0
12.5°	1431.4	1442.1	1463.4	1493.9	1503.0	1530.4	1565.4	1609.6	1667.4	1684.2	1713.1
15°	1334.0	1362.9	1379.6	1393.3	1414.7	1440.6	1478.6	1521.3	1579.1	1615.7	1646.1
17.5°	1251.7	1289.8	1300.5	1297.4	1324.8	1364.4	1408.6	1440.6	1492.3	1536.5	1565.4
20°	1184.7	1200.0	1218.2	1225.8	1247.2	1289.8	1332.4	1369.0	1411.6	1446.6	1480.1
22.5°	1117.7	1129.9	1145.1	1158.8	1175.6	1200.0	1241.1	1286.8	1327.9	1361.4	1399.4
25°	1062.9	1070.5	1084.2	1094.9	1113.2	1129.9	1158.8	1209.1	1257.8	1277.6	1311.1
27.5°	1009.6	1015.7	1024.8	1037.0	1046.2	1062.9	1088.8	1129.9	1180.2	1200.0	1245.6
30°	962.4	967.0	976.1	982.2	986.8	1006.6	1026.4	1058.3	1096.4	1123.8	1157.3
32.5°	918.2	922.8	931.9	933.5	939.6	950.2	968.5	997.4	1030.9	1053.8	1082.7
35°	869.5	872.6	881.7	884.7	889.3	898.4	912.1	933.5	963.9	980.7	1006.6
37.5°	831.4	829.9	836.0	840.6	846.7	851.2	855.8	877.1	900.0	915.2	935.0
40°	790.3	787.3	788.8	794.9	797.9	804.0	804.0	825.3	840.6	852.8	868.0
42.5°	749.2	747.7	744.6	747.7	750.7	752.3	753.8	769.0	784.2	794.9	811.6
45°	708.1	706.6	703.5	705.0	705.0	708.1	712.7	718.8	729.4	738.5	747.7
47.5°	670.0	667.0	662.4	660.9	663.9	663.9	663.9	670.0	680.7	683.7	692.9
50°	630.4	625.9	619.8	616.7	616.7	615.2	618.2	619.8	628.9	632.0	639.6
52.5°	587.8	584.7	578.7	572.6	574.1	571.0	572.6	574.1	577.1	581.7	586.3
55°	545.2	539.1	534.5	533.0	528.4	528.4	523.8	529.9	528.4	529.9	536.0
57.5°	504.0	498.0	490.3	487.3	482.7	481.2	478.2	476.6	478.2	482.7	487.3
60°	455.3	452.3	447.7	443.1	440.1	435.5	432.5	432.5	430.9	430.9	432.5
62.5°	408.1	406.6	400.5	399.0	395.9	392.9	388.3	385.3	385.3	388.3	389.8
65°	362.4	360.9	356.3	354.8	347.2	344.1	342.6	341.1	338.1	338.1	338.1
67.5°	319.8	315.2	315.2	307.6	301.5	298.5	295.4	293.9	293.9	293.9	295.4
70°	272.6	272.6	268.0	263.4	257.4	258.9	254.3	249.7	249.7	246.7	248.2
72.5°	226.9	225.4	220.8	219.3	214.7	210.1	207.1	210.1	205.6	204.1	205.6
75°	182.7	181.2	178.2	175.1	176.6	172.1	167.5	166.0	166.0	162.9	162.9
77.5°	140.1	143.1	137.1	135.5	132.5	129.4	127.9	126.4	126.4	126.4	129.4
80°	97.5	99.0	99.0	95.9	97.5	92.9	92.9	92.9	88.3	89.8	91.4
82.5°	62.4	62.4	60.9	62.4	60.9	60.9	59.4	59.4	57.9	57.9	59.4
85°	35.0	33.5	32.0	35.0	33.5	33.5	32.0	32.0	32.0	32.0	32.0
87.5°	7.6	9.1	9.1	9.1	9.1	10.7	10.7	10.7	12.2	12.2	12.2
90°	29.6	28.3	27.0	25.6	24.3	22.1	20.0	17.8	15.7	14.6	13.1
92.5°	31.2	30.7	30.2	29.6	29.1	28.3	27.5	26.7	25.9	25.5	26.0
95°	52.7	51.4	50.0	48.7	47.3	45.4	43.5	41.6	39.7	38.8	43.3
97.5°	65.1	64.3	63.5	62.7	61.9	57.6	53.3	49.0	44.7	42.5	53.6
100°	77.8	75.7	73.5	71.4	69.2	64.6	60.0	55.4	50.8	48.5	67.0
102.5°	83.4	80.5	77.5	74.6	71.6	120.7	169.7	218.8	267.9	292.4	292.7
105°	85.9	82.9	80.0	77.0	74.0	147.6	221.2	294.9	368.5	405.3	401.3
107.5°	88.3	85.3	82.4	79.4	76.4	167.3	258.2	349.1	440.0	485.4	482.0
110°	104.5	131.4	158.4	185.3	212.3	290.2	368.2	446.1	524.0	563.0	560.2

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CATALOG NUMBER: S122DIW-B1005D1240UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
112.5°	151.5	267.7	384.0	500.2	616.4	621.0	625.6	630.1	634.7	637.0	634.6
115°	249.3	374.2	499.0	623.9	748.7	741.9	735.2	728.4	721.7	718.3	716.0
117.5°	660.0	698.5	737.1	775.6	814.2	809.6	805.0	800.4	795.8	793.5	790.8
120°	902.4	899.1	895.9	892.6	889.4	884.6	879.7	874.9	870.0	867.6	865.6
122.5°	967.5	965.9	964.2	962.6	961.0	955.6	950.2	944.8	939.4	936.7	934.5
125°	1032.9	1031.0	1029.1	1027.2	1025.3	1020.2	1015.1	1010.0	1004.9	1002.3	1000.5
127.5°	1095.6	1092.9	1090.2	1087.5	1084.8	1080.8	1076.7	1072.7	1068.6	1066.6	1064.7
130°	1153.6	1150.7	1147.7	1144.8	1141.8	1138.8	1135.8	1132.9	1129.9	1128.4	1126.2
132.5°	1208.5	1206.1	1203.6	1201.2	1198.8	1195.8	1192.9	1189.9	1187.0	1185.5	1183.7
135°	1261.8	1259.1	1256.4	1253.7	1251.0	1248.6	1246.2	1243.7	1241.3	1240.1	1237.9
137.5°	1311.5	1308.8	1306.1	1303.4	1300.7	1298.0	1295.3	1292.6	1289.9	1288.6	1287.0
140°	1359.0	1356.6	1354.1	1351.7	1349.3	1346.3	1343.3	1340.4	1337.4	1335.9	1334.8
142.5°	1402.8	1400.7	1398.5	1396.4	1394.2	1390.7	1387.2	1383.7	1380.2	1378.4	1377.5
145°	1443.0	1441.1	1439.2	1437.3	1435.4	1430.8	1426.2	1421.7	1417.1	1414.8	1414.9
147.5°	1478.4	1477.1	1475.7	1474.4	1473.0	1468.4	1463.8	1459.3	1454.7	1452.4	1452.8
150°	1512.3	1510.7	1509.0	1507.4	1505.8	1501.5	1497.2	1492.9	1488.6	1486.4	1487.3
152.5°	1542.6	1541.0	1539.3	1537.7	1536.1	1532.1	1528.0	1524.0	1519.9	1517.9	1519.0
155°	1569.3	1567.7	1566.0	1564.4	1562.8	1559.6	1556.4	1553.1	1549.9	1548.3	1549.5
157.5°	1593.5	1591.6	1589.7	1587.8	1585.9	1583.5	1581.1	1578.6	1576.2	1575.0	1576.1
160°	1613.0	1611.4	1609.7	1608.1	1606.5	1604.9	1603.3	1601.6	1600.0	1599.2	1600.0
162.5°	1632.3	1630.4	1628.5	1626.6	1624.7	1623.3	1622.0	1620.6	1619.3	1618.6	1619.4
165°	1646.9	1645.0	1643.1	1641.2	1639.3	1638.5	1637.7	1636.8	1636.0	1635.6	1636.4
167.5°	1660.2	1658.3	1656.4	1654.5	1652.6	1651.8	1651.0	1650.2	1649.4	1649.0	1649.8
170°	1669.9	1668.0	1666.1	1664.2	1662.3	1661.8	1661.2	1660.7	1660.2	1659.9	1660.7
172.5°	1677.2	1675.3	1673.4	1671.5	1669.6	1669.1	1668.5	1668.0	1667.5	1667.2	1668.0
175°	1682.1	1680.2	1678.3	1676.4	1674.5	1673.9	1673.4	1672.8	1672.3	1672.0	1672.9
177.5°	1683.3	1681.4	1679.5	1677.6	1675.7	1675.4	1675.2	1674.9	1674.6	1674.5	1675.4
180°	1676.9	1676.9	1676.9	1676.9	1676.9	1676.9	1676.9	1676.9	1676.9	1676.9	1676.9

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CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
0°	1981.1	1981.1	1981.1	1981.1
2.5°	1944.6	1944.6	1967.4	1991.8
5°	1902.0	1912.6	1949.2	1982.7
7.5°	1860.8	1879.1	1924.8	1967.4
10°	1810.6	1835.0	1891.3	1941.5
12.5°	1761.9	1784.7	1850.2	1906.5
15°	1693.3	1722.3	1792.3	1862.4
17.5°	1624.8	1653.7	1739.0	1821.2
20°	1544.1	1582.2	1678.1	1787.7
22.5°	1469.5	1516.7	1623.3	1711.6
25°	1387.3	1460.3	1559.3	1673.5
27.5°	1314.2	1387.3	1487.8	1603.5
30°	1231.9	1306.5	1410.1	1516.7
32.5°	1152.7	1221.3	1321.8	1452.7
35°	1070.5	1136.0	1233.5	1365.9
37.5°	995.9	1059.9	1166.5	1288.3
40°	922.8	989.8	1081.2	1203.0
42.5°	854.3	913.7	995.9	1117.7
45°	791.8	834.5	910.6	1024.8
47.5°	726.4	764.4	834.5	948.7
50°	665.5	697.4	758.3	864.9
52.5°	606.1	633.5	689.8	775.1
55°	552.8	578.7	619.8	703.5
57.5°	498.0	517.7	557.3	624.3
60°	444.7	462.9	494.9	549.7
62.5°	391.4	406.6	437.0	481.2
65°	344.1	356.3	379.2	417.2
67.5°	298.5	306.1	324.4	354.8
70°	254.3	260.4	275.6	300.0
72.5°	207.1	213.2	229.9	246.7
75°	167.5	169.0	181.2	194.9
77.5°	131.0	129.4	138.6	149.2
80°	89.8	94.4	102.0	106.6
82.5°	60.9	62.4	65.5	68.5
85°	33.5	35.0	35.0	39.6
87.5°	13.7	15.2	15.2	16.8
90°	10.1	7.2	4.2	1.2
92.5°	27.1	28.2	29.2	30.3
95°	52.2	61.1	70.0	78.9
97.5°	75.7	97.8	119.9	142.0
100°	103.9	140.9	177.8	214.8
102.5°	293.2	293.8	294.3	294.9
105°	393.2	385.1	377.0	368.9
107.5°	475.3	468.5	461.8	455.0
110°	554.5	548.8	543.2	537.5

TEST NUMBER: P1029159

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CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
112.5°	629.7	624.9	620.0	615.2
115°	711.4	706.9	702.3	697.7
117.5°	785.4	780.1	774.7	769.3
120°	861.5	857.5	853.4	849.4
122.5°	930.2	925.9	921.6	917.3
125°	997.0	993.5	990.0	986.5
127.5°	1060.9	1057.2	1053.4	1049.6
130°	1121.9	1117.6	1113.3	1109.0
132.5°	1180.2	1176.7	1173.2	1169.7
135°	1233.6	1229.3	1225.0	1220.7
137.5°	1283.7	1280.5	1277.2	1274.0
140°	1332.7	1330.5	1328.4	1326.2
142.5°	1375.6	1373.7	1371.8	1369.9
145°	1415.2	1415.5	1415.7	1416.0
147.5°	1453.6	1454.5	1455.3	1456.1
150°	1489.2	1491.1	1493.0	1494.9
152.5°	1521.1	1523.3	1525.4	1527.6
155°	1551.9	1554.4	1556.8	1559.2
157.5°	1578.2	1580.4	1582.5	1584.7
160°	1601.6	1603.3	1604.9	1606.5
162.5°	1621.0	1622.7	1624.3	1625.9
165°	1638.0	1639.7	1641.3	1642.9
167.5°	1651.4	1653.1	1654.7	1656.3
170°	1662.3	1664.0	1665.6	1667.2
172.5°	1669.6	1671.3	1672.9	1674.5
175°	1674.8	1676.7	1678.6	1680.5
177.5°	1677.3	1679.2	1681.1	1683.0
180°	1676.9	1676.9	1676.9	1676.9

(END OF REPORT)