

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: P1029483

Luminaire Tested: S122DIW-B485D1440UB2750-4F0-XX-W2A-A_2700K

Issue Date: 5/6/2025

Test Information

Test Method: LM-79-2019
Report Number: P1029483
REPORT IS A COMBINATION OF REPORTS P986027 AND P1007351
Test Lab: INNOVATION CENTER
Issue Date: 5/6/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: NEO-RAY
Catalog Number: S122DIW-B485D1440UB2750-4F0-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

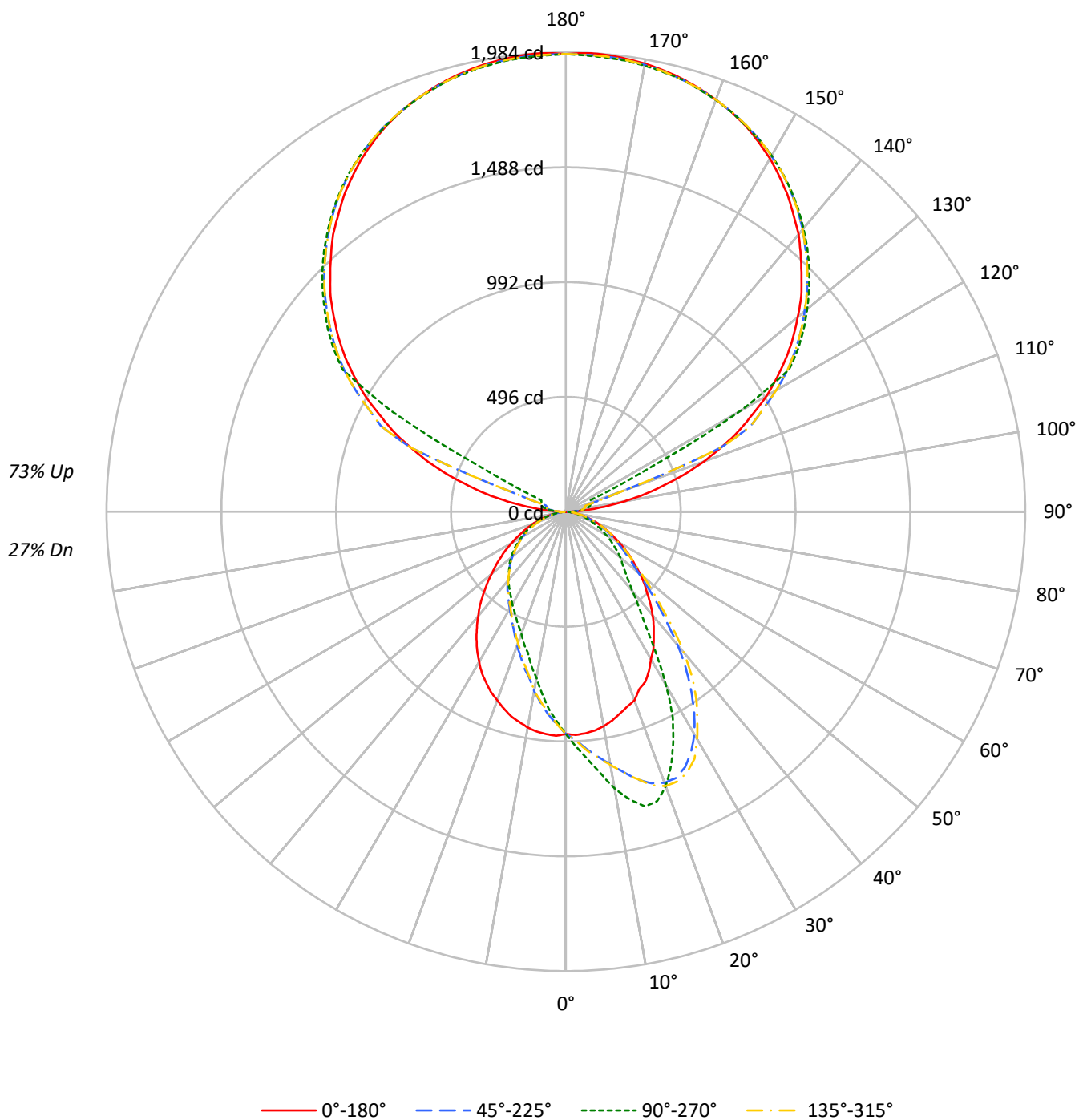
Lumens per Lamp: N/A
Luminaire Lumens: 7917.0 lumens
Efficiency: N/A
Efficacy: 103.9 lumens/watt
Spacing Criteria (0/90/45): 1.16 / 1.09 / 1.23
Luminous Opening: Rectangular w/ Sides (W: 0.17' x L: 4' x H: 0.1')
CIE Type: Semi-Indirect

Input Watts (W): 76.2
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

TEST NUMBER: P1029483

CATALOG NUMBER: S122DIW-B485D1440UB2750-4F0-XX-W2A-A_2700K

Luminous Intensity Polar Plot



TEST NUMBER: P1029483

CATALOG NUMBER: S122DIW-B485D1440UB2750-4F0-XX-W2A-A_2700K

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	102	102	102	102	91	91	91	91	70	70	70	52	52	52	35	35	35
1	93	89	85	82	83	79	76	74	62	60	58	46	45	44	31	30	30
2	85	78	72	67	75	70	65	61	55	51	48	41	39	37	28	27	25
3	77	69	62	56	69	61	56	51	48	44	41	36	33	31	25	23	22
4	71	61	53	48	63	55	48	43	43	39	35	32	29	27	22	21	19
5	65	54	46	41	58	49	42	37	38	34	30	29	26	23	20	18	17
6	60	48	41	35	53	44	37	32	35	30	26	26	23	21	18	16	15
7	55	44	36	31	49	39	33	28	31	27	23	24	21	18	17	15	13
8	51	40	32	27	46	36	29	25	29	24	21	22	19	16	15	13	12
9	48	36	29	24	43	33	26	22	26	22	18	20	17	15	14	12	11
10	44	33	26	22	40	30	24	20	24	20	16	18	15	13	13	11	10

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	15188	15188	15188	15188
5°	15226	16194	15283	12885
10°	15048	17679	15142	10622
15°	14683	18647	14887	8948
20°	14455	17508	14455	7777
25°	13993	15041	14057	6954
30°	13236	11824	13488	6300
35°	12565	8176	12774	5763
40°	11791	6173	11927	5336
45°	10841	5073	11018	4875
50°	10017	4452	10037	4463
55°	9078	3794	9140	4015
60°	8078	3169	8190	3505
65°	7185	2577	7316	2993
70°	6293	2022	6453	2413
75°	5281	1468	5488	1751
80°	4120	931	4415	1039
85°	2712	468	2924	348

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 157.5°

Vertical Angle: 45°

Luminance: 15700 cd/sqm

TEST NUMBER: P1029483

CATALOG NUMBER: S122DIW-B485D1440UB2750-4F0-XX-W2A-A_2700K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	91.4	1.2
10°-20°	266.0	3.4
20°-30°	386.1	4.9
30°-40°	407.0	5.1
40°-50°	360.1	4.5
50°-60°	287.6	3.6
60°-70°	195.3	2.5
70°-80°	99.9	1.3
80°-90°	27.1	0.3
90°-100°	65.2	0.8
100°-110°	243.0	3.1
110°-120°	644.6	8.1
120°-130°	1069.1	13.5
130°-140°	1135.6	14.3
140°-150°	1055.5	13.3
150°-160°	848.5	10.7
160°-170°	546.8	6.9
170°-180°	188.2	2.4
0°-30°	743.5	9.4
0°-40°	1150.4	14.5
0°-60°	1798.1	22.7
0°-90°	2120.5	26.8
90°-120°	952.9	12.0
90°-150°	4213.0	53.2
90°-180°	5797.0	73.2
0°-180°	7917.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	960	960	960	960	960	
5°	960	1072	964	853	960	91
15°	902	1317	914	632	902	255
25°	810	1097	814	507	810	371
35°	662	597	673	421	662	414
45°	496	360	504	346	496	385
55°	341	253	343	268	341	304
65°	202	156	206	181	202	201
75°	94	77	98	92	94	101
85°	19	20	21	15	19	22
90°	1	39	1	39	1	6
95°	93	62	93	62	93	110
105°	435	109	435	109	435	465
115°	823	117	823	117	823	810
125°	1163	1223	1163	1223	1163	1037
135°	1439	1486	1439	1486	1439	1112
145°	1670	1695	1670	1695	1670	1044
155°	1838	1840	1838	1840	1838	847
165°	1937	1933	1937	1933	1937	547
175°	1982	1970	1982	1970	1982	189
180°	1977	1977	1977	1977	1977	

TEST NUMBER: P1029483

CATALOG NUMBER: S122DIW-B485D1440UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	959.5	959.5	959.5	959.5	959.5	959.5	959.5	959.5	959.5	959.5	959.5
2.5°	964.7	966.9	970.6	971.3	978.7	984.6	991.2	991.2	993.4	992.7	986.8
5°	960.3	966.9	976.5	984.6	997.9	1003.8	1012.6	1019.3	1025.2	1029.6	1028.9
7.5°	952.9	964.7	978.7	994.2	1011.9	1022.2	1034.8	1046.6	1054.7	1062.0	1067.2
10°	940.3	960.3	979.4	1000.1	1023.0	1037.0	1051.7	1067.2	1079.7	1093.8	1107.0
12.5°	923.4	952.1	975.7	1003.0	1031.1	1046.6	1070.2	1082.0	1106.3	1141.7	1151.3
15°	902.0	941.1	963.2	997.9	1034.8	1047.3	1079.7	1098.9	1149.1	1171.2	1197.7
17.5°	882.1	925.6	955.1	994.9	1031.1	1055.4	1087.1	1126.2	1168.2	1200.0	1229.5
20°	865.9	907.9	943.3	987.5	1033.3	1064.3	1097.4	1144.6	1190.4	1222.8	1245.7
22.5°	829.0	882.8	924.1	973.5	1028.9	1071.6	1103.3	1155.0	1204.4	1224.3	1244.2
25°	810.5	857.0	904.9	961.0	1025.9	1076.8	1104.1	1161.6	1205.1	1212.5	1216.9
27.5°	776.6	829.0	885.0	949.2	1025.2	1067.9	1102.6	1155.0	1189.6	1184.5	1171.2
30°	734.6	798.7	860.7	930.0	1014.8	1061.3	1093.8	1141.7	1159.4	1132.8	1109.2
32.5°	703.6	764.1	832.7	913.1	1003.0	1047.3	1079.0	1116.6	1120.3	1072.4	1032.5
35°	661.6	728.7	806.1	890.9	983.1	1023.0	1052.5	1075.3	1057.6	990.5	943.3
37.5°	623.9	690.3	772.9	859.2	955.8	994.9	1018.5	1022.2	978.7	919.7	850.4
40°	582.6	651.2	737.5	828.2	925.6	959.5	974.3	963.2	900.5	831.9	751.5
42.5°	541.3	609.2	702.1	795.1	887.2	916.0	921.9	891.7	815.0	734.6	641.6
45°	496.4	567.2	660.1	753.8	843.0	859.2	860.0	816.4	725.7	641.6	555.4
47.5°	459.5	525.1	617.3	711.0	786.2	797.3	792.8	742.7	643.9	549.5	474.2
50°	418.9	481.6	573.1	665.2	729.4	732.4	721.3	649.8	553.1	466.9	407.1
52.5°	375.4	438.8	522.9	611.4	668.9	664.5	643.1	566.4	475.7	404.2	358.4
55°	340.7	396.8	475.7	562.0	602.6	590.0	566.4	488.2	416.7	356.2	316.4
57.5°	302.4	351.8	429.2	504.5	528.1	516.3	492.7	419.7	353.3	307.5	281.0
60°	266.2	311.2	379.1	441.8	460.2	447.7	420.4	354.8	306.8	268.5	248.5
62.5°	233.1	272.1	328.9	386.5	393.8	381.3	357.7	304.6	263.3	233.1	218.3
65°	202.1	239.0	284.7	328.2	334.8	321.6	297.2	258.9	224.2	205.0	191.0
67.5°	171.8	201.3	241.9	273.6	277.3	264.8	244.9	213.9	192.5	171.8	161.5
70°	145.3	167.4	199.1	224.9	226.4	214.6	204.3	176.3	160.0	145.3	137.2
72.5°	119.5	135.0	159.3	178.5	179.2	171.8	162.3	144.6	130.5	120.2	112.1
75°	94.4	107.7	122.4	139.4	138.7	132.8	125.4	114.3	102.5	95.9	92.2
77.5°	72.3	80.4	92.2	103.3	103.3	100.3	95.9	87.8	80.4	73.8	70.1
80°	51.6	56.8	66.4	70.1	71.5	70.8	67.1	61.2	58.3	53.1	51.6
82.5°	33.2	36.9	41.3	45.0	47.2	45.7	45.0	42.0	37.6	36.1	34.7
85°	19.2	20.7	22.9	25.1	25.8	25.1	26.6	24.3	22.1	22.1	21.4
87.5°	8.1	8.9	10.3	10.3	11.1	11.1	10.3	11.1	11.1	10.3	9.6
90°	1.4	4.9	8.4	11.9	15.4	17.2	18.5	21.0	23.5	26.1	28.6
92.5°	35.8	34.5	33.2	31.9	30.6	30.0	30.5	31.4	32.4	33.3	34.3
95°	93.0	82.5	72.0	61.5	51.0	45.8	46.9	49.1	51.4	53.6	55.8
97.5°	167.4	141.3	115.3	89.2	63.1	50.1	52.6	57.7	62.8	67.9	73.0
100°	253.2	209.6	166.1	122.5	79.0	57.2	59.9	65.3	70.7	76.1	81.5
102.5°	347.7	347.1	346.4	345.8	345.1	344.8	315.9	258.0	200.1	142.3	84.4
105°	434.9	444.5	454.0	463.6	473.1	477.9	434.5	347.7	260.9	174.1	87.3
107.5°	536.5	544.5	552.4	560.4	568.3	572.3	518.7	411.6	304.4	197.3	90.1
110°	633.8	640.5	647.1	653.8	660.5	663.8	617.9	526.0	434.1	342.3	250.4

TEST NUMBER: P1029483

CATALOG NUMBER: S122DIW-B485D1440UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	725.4	731.1	736.8	742.5	748.2	751.1	748.4	743.0	737.6	732.2	726.8
115°	822.7	828.1	833.5	838.9	844.3	847.0	851.0	858.9	866.8	874.8	882.7
117.5°	907.1	913.5	919.8	926.2	932.5	935.7	938.4	943.8	949.2	954.6	960.0
120°	1001.5	1006.3	1011.0	1015.8	1020.5	1022.9	1025.8	1031.5	1037.2	1043.0	1048.7
122.5°	1081.6	1086.7	1091.8	1096.9	1102.0	1104.5	1107.7	1114.0	1120.4	1126.7	1133.1
125°	1163.2	1167.3	1171.5	1175.6	1179.7	1181.8	1184.8	1190.8	1196.9	1202.9	1208.9
127.5°	1237.6	1242.0	1246.5	1250.9	1255.4	1257.6	1260.0	1264.7	1269.5	1274.2	1279.0
130°	1307.7	1312.8	1317.8	1322.9	1328.0	1330.5	1332.3	1335.8	1339.3	1342.8	1346.3
132.5°	1379.2	1383.3	1387.5	1391.6	1395.7	1397.8	1399.5	1403.0	1406.5	1410.0	1413.5
135°	1439.3	1444.4	1449.5	1454.6	1459.7	1462.2	1463.6	1466.5	1469.3	1472.2	1475.0
137.5°	1502.2	1506.0	1509.8	1513.7	1517.5	1519.4	1521.0	1524.2	1527.3	1530.5	1533.7
140°	1563.8	1566.3	1568.9	1571.4	1573.9	1575.2	1576.9	1580.4	1583.9	1587.4	1590.9
142.5°	1615.3	1617.5	1619.7	1622.0	1624.2	1625.3	1627.4	1631.5	1635.6	1639.8	1643.9
145°	1669.6	1669.3	1669.0	1668.7	1668.4	1668.2	1670.9	1676.3	1681.7	1687.1	1692.5
147.5°	1716.8	1715.8	1714.9	1713.9	1713.0	1712.5	1715.2	1720.6	1726.1	1731.5	1736.9
150°	1762.6	1760.4	1758.2	1755.9	1753.7	1752.6	1755.1	1760.2	1765.3	1770.4	1775.5
152.5°	1801.2	1798.7	1796.1	1793.6	1791.1	1789.8	1792.2	1797.0	1801.7	1806.5	1811.3
155°	1838.4	1835.6	1832.7	1829.9	1827.0	1825.6	1827.5	1831.3	1835.1	1838.9	1842.7
157.5°	1868.5	1865.9	1863.4	1860.8	1858.3	1857.0	1858.4	1861.3	1864.2	1867.0	1869.9
160°	1894.2	1892.3	1890.4	1888.5	1886.6	1885.7	1886.6	1888.5	1890.4	1892.3	1894.2
162.5°	1917.1	1915.2	1913.3	1911.4	1909.5	1908.5	1909.3	1910.9	1912.5	1914.1	1915.7
165°	1937.2	1935.3	1933.4	1931.5	1929.6	1928.6	1929.1	1930.0	1931.0	1931.9	1932.9
167.5°	1952.9	1951.0	1949.1	1947.2	1945.3	1944.3	1944.8	1945.7	1946.7	1947.6	1948.6
170°	1965.8	1963.9	1962.0	1960.1	1958.2	1957.2	1957.5	1958.2	1958.8	1959.5	1960.1
172.5°	1974.4	1972.5	1970.6	1968.7	1966.8	1965.8	1966.1	1966.7	1967.4	1968.0	1968.6
175°	1981.5	1979.3	1977.1	1974.8	1972.6	1971.5	1971.8	1972.5	1973.1	1973.8	1974.4
177.5°	1984.4	1982.2	1980.0	1977.7	1975.5	1974.4	1974.6	1974.9	1975.2	1975.5	1975.8
180°	1977.2	1977.2	1977.2	1977.2	1977.2	1977.2	1977.2	1977.2	1977.2	1977.2	1977.2

TEST NUMBER: P1029483

CATALOG NUMBER: S122DIW-B485D1440UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	959.5	959.5	959.5	959.5	959.5	959.5	959.5	959.5	959.5	959.5	959.5
2.5°	997.1	997.9	999.3	1006.7	1010.4	1011.1	1008.2	1014.8	1017.1	1014.8	1013.4
5°	1044.3	1048.8	1057.6	1067.2	1066.5	1067.2	1071.6	1076.1	1077.5	1071.6	1073.8
7.5°	1085.6	1094.5	1104.1	1118.8	1118.8	1126.2	1129.2	1132.8	1141.7	1137.3	1135.8
10°	1132.8	1144.6	1162.3	1185.9	1186.7	1194.1	1201.4	1213.2	1216.9	1214.0	1215.4
12.5°	1191.8	1214.7	1216.2	1242.0	1253.8	1255.3	1267.1	1264.9	1272.2	1272.2	1284.8
15°	1217.7	1253.1	1273.0	1298.0	1305.4	1296.6	1306.2	1316.5	1317.2	1317.2	1316.5
17.5°	1264.1	1278.1	1298.0	1311.3	1314.3	1314.3	1315.0	1319.4	1316.5	1310.6	1315.0
20°	1273.7	1279.6	1287.0	1285.5	1287.0	1279.6	1272.2	1264.9	1265.6	1261.9	1273.0
22.5°	1256.0	1254.5	1237.6	1226.5	1226.5	1211.8	1197.7	1191.1	1184.5	1186.7	1190.4
25°	1211.8	1188.9	1168.2	1152.0	1148.3	1124.7	1105.6	1099.7	1088.6	1097.4	1098.9
27.5°	1141.0	1115.1	1082.0	1067.9	1048.8	1039.2	1025.9	1008.2	985.3	998.6	996.4
30°	1065.0	1026.6	999.3	965.4	935.2	933.0	907.9	878.4	866.6	866.6	873.2
32.5°	980.2	929.3	889.5	841.5	812.0	799.5	769.2	739.7	746.4	724.3	732.4
35°	881.3	814.2	764.1	717.6	695.5	680.7	641.6	625.4	607.7	597.4	616.6
37.5°	786.9	709.5	645.3	594.4	586.3	559.8	533.2	522.9	512.6	517.0	516.3
40°	671.9	603.3	545.8	505.9	491.9	479.4	461.7	449.2	442.5	446.2	446.9
42.5°	567.9	510.4	467.6	439.6	427.8	418.9	410.1	399.7	397.5	397.5	400.5
45°	487.5	440.3	411.5	388.7	382.0	375.4	368.8	364.3	362.9	359.9	362.1
47.5°	423.3	385.7	368.0	351.1	343.7	342.2	336.3	334.1	331.1	330.4	331.1
50°	369.5	345.9	329.7	320.1	314.9	312.7	309.8	305.3	303.9	307.5	306.1
52.5°	331.9	309.8	300.9	291.3	288.4	285.4	281.0	281.7	281.0	279.5	279.5
55°	294.3	280.3	271.4	264.0	263.3	260.3	256.7	255.2	254.4	253.0	255.2
57.5°	264.0	253.0	244.9	238.2	235.3	235.3	231.6	228.6	228.6	227.9	228.6
60°	233.8	222.7	217.6	210.9	208.7	208.0	205.8	204.3	202.1	202.1	202.1
62.5°	205.8	196.9	191.0	185.1	185.9	182.2	179.2	177.7	177.7	178.5	178.5
65°	179.2	173.3	165.9	160.8	159.3	158.6	157.1	156.4	154.1	155.6	155.6
67.5°	154.9	146.8	142.3	140.1	137.9	137.2	135.7	134.2	133.5	132.8	134.2
70°	130.5	123.9	120.2	118.7	116.5	115.8	115.1	112.8	113.6	114.3	115.1
72.5°	108.4	102.5	101.8	97.4	97.4	97.4	94.4	95.9	95.1	93.7	95.1
75°	85.6	82.6	81.1	78.9	79.7	78.9	78.2	76.0	76.0	76.7	77.4
77.5°	67.9	64.9	64.2	62.0	60.5	62.0	60.5	59.7	59.7	60.5	60.5
80°	50.2	48.7	46.5	46.5	46.5	45.7	45.7	45.7	45.0	44.3	45.0
82.5°	33.2	33.2	32.5	31.7	32.5	31.0	31.7	31.7	31.7	31.7	31.7
85°	21.4	20.7	20.7	19.9	19.9	19.9	20.7	19.2	19.2	19.9	19.9
87.5°	9.6	9.6	9.6	10.3	9.6	9.6	9.6	10.3	9.6	9.6	9.6
90°	30.2	31.8	33.4	35.0	35.8	36.1	36.7	37.4	38.0	38.6	38.0
92.5°	34.9	35.6	36.2	36.9	37.2	37.4	37.7	38.0	38.3	38.6	38.3
95°	57.4	59.0	60.6	62.2	63.0	62.8	62.5	62.2	61.8	61.5	61.8
97.5°	74.0	74.9	75.9	76.8	77.3	77.5	77.8	78.1	78.4	78.7	78.4
100°	84.1	86.6	89.2	91.7	93.0	93.3	94.0	94.6	95.3	95.9	95.3
102.5°	87.9	91.4	94.9	98.4	100.1	100.6	101.5	102.5	103.4	104.4	103.4
105°	90.8	94.3	97.8	101.3	103.0	103.6	104.9	106.2	107.4	108.7	107.4
107.5°	93.6	97.1	100.6	104.1	105.9	106.5	107.8	109.1	110.3	111.6	110.3
110°	218.6	186.8	155.0	123.2	107.3	107.9	109.2	110.5	111.7	113.0	111.7

TEST NUMBER: P1029483

CATALOG NUMBER: S122DIW-B485D1440UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	589.8	452.8	315.7	178.7	110.2	110.7	111.6	112.6	113.5	114.5	113.5
115°	735.5	588.3	441.1	293.9	220.3	208.9	186.0	163.1	140.2	117.3	140.2
117.5°	914.5	869.1	823.6	778.1	755.4	713.8	630.5	547.2	463.9	380.6	463.9
120°	1052.5	1056.3	1060.2	1064.0	1065.9	1044.4	1001.5	958.6	915.6	872.7	915.6
122.5°	1135.0	1136.9	1138.8	1140.7	1141.7	1141.9	1142.2	1142.5	1142.8	1143.1	1142.8
125°	1211.1	1213.4	1215.6	1217.9	1219.0	1219.5	1220.4	1221.3	1222.3	1223.2	1222.3
127.5°	1282.2	1285.4	1288.5	1291.7	1293.3	1293.5	1293.8	1294.1	1294.5	1294.8	1294.5
130°	1349.8	1353.3	1356.8	1360.3	1362.0	1361.8	1361.5	1361.2	1360.9	1360.6	1360.9
132.5°	1416.4	1419.2	1422.1	1425.0	1426.4	1426.2	1425.9	1425.6	1425.3	1425.0	1425.3
135°	1478.2	1481.4	1484.6	1487.8	1489.4	1489.1	1488.4	1487.8	1487.1	1486.5	1487.1
137.5°	1536.9	1540.1	1543.2	1546.4	1548.0	1547.5	1546.6	1545.6	1544.7	1543.7	1544.7
140°	1593.8	1596.6	1599.5	1602.4	1603.8	1603.0	1601.4	1599.9	1598.3	1596.7	1598.3
142.5°	1646.4	1649.0	1651.5	1654.0	1655.3	1654.5	1652.9	1651.4	1649.8	1648.2	1649.8
145°	1694.7	1696.9	1699.2	1701.4	1702.5	1701.7	1700.1	1698.6	1697.0	1695.4	1697.0
147.5°	1738.5	1740.1	1741.6	1743.2	1744.0	1743.4	1742.1	1740.8	1739.6	1738.3	1739.6
150°	1777.4	1779.3	1781.2	1783.1	1784.1	1783.3	1781.7	1780.1	1778.5	1776.9	1778.5
152.5°	1813.2	1815.1	1817.0	1818.9	1819.8	1818.7	1816.5	1814.2	1812.0	1809.8	1812.0
155°	1844.6	1846.5	1848.4	1850.3	1851.3	1850.0	1847.5	1845.0	1842.4	1839.9	1842.4
157.5°	1872.1	1874.3	1876.6	1878.8	1879.9	1878.6	1876.1	1873.6	1871.0	1868.5	1871.0
160°	1896.1	1898.0	1899.9	1901.8	1902.8	1901.7	1899.5	1897.2	1895.0	1892.8	1895.0
162.5°	1917.9	1920.1	1922.4	1924.6	1925.7	1924.3	1921.4	1918.5	1915.7	1912.8	1915.7
165°	1935.1	1937.3	1939.6	1941.8	1942.9	1941.8	1939.6	1937.3	1935.1	1932.9	1935.1
167.5°	1950.8	1953.0	1955.3	1957.5	1958.6	1957.2	1954.3	1951.4	1948.6	1945.7	1948.6
170°	1962.3	1964.5	1966.8	1969.0	1970.1	1968.7	1965.8	1962.9	1960.1	1957.2	1960.1
172.5°	1970.8	1973.1	1975.3	1977.6	1978.7	1977.3	1974.4	1971.5	1968.7	1965.8	1968.7
175°	1976.6	1978.8	1981.1	1983.3	1984.4	1982.8	1979.6	1976.5	1973.3	1970.1	1973.3
177.5°	1978.0	1980.2	1982.5	1984.7	1985.8	1984.4	1981.5	1978.6	1975.8	1972.9	1975.8
180°	1977.2	1977.2	1977.2	1977.2	1977.2	1977.2	1977.2	1977.2	1977.2	1977.2	1977.2

TEST NUMBER: P1029483

CATALOG NUMBER: S122DIW-B485D1440UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	959.5	959.5	959.5	959.5	959.5	959.5	959.5	959.5	959.5	959.5	959.5
2.5°	1017.1	1011.9	1007.5	1008.2	1011.9	1008.9	1001.6	992.0	988.3	983.9	988.3
5°	1078.3	1073.8	1065.0	1065.7	1063.5	1060.6	1048.8	1034.0	1034.0	1022.2	1020.7
7.5°	1138.7	1132.1	1126.2	1124.7	1116.6	1110.7	1100.4	1079.7	1071.6	1057.6	1049.5
10°	1206.6	1201.4	1194.8	1186.7	1182.3	1171.9	1155.0	1124.7	1110.0	1090.8	1076.8
12.5°	1275.2	1274.4	1259.7	1243.5	1242.7	1226.5	1214.7	1174.1	1154.2	1128.4	1095.2
15°	1318.7	1315.0	1306.9	1298.8	1301.0	1283.3	1256.7	1208.8	1195.5	1164.6	1129.2
17.5°	1318.0	1318.0	1315.7	1314.3	1312.1	1306.9	1292.1	1260.4	1239.0	1200.0	1166.8
20°	1275.9	1285.5	1287.7	1287.0	1294.4	1298.0	1297.3	1277.4	1260.4	1225.8	1191.8
22.5°	1191.8	1214.0	1223.6	1229.5	1244.9	1253.1	1272.2	1264.9	1260.4	1234.6	1205.9
25°	1113.7	1121.0	1149.8	1151.3	1172.7	1192.6	1211.8	1224.3	1240.5	1230.9	1206.6
27.5°	1012.6	1029.6	1050.2	1065.7	1070.2	1110.7	1142.4	1166.0	1202.9	1205.9	1197.7
30°	898.3	906.4	940.3	961.0	984.6	1014.1	1059.8	1100.4	1133.6	1163.8	1174.1
32.5°	758.9	792.1	812.0	837.1	857.7	910.1	966.2	1018.5	1056.9	1107.8	1129.9
35°	631.3	657.1	691.1	701.4	739.0	783.3	856.3	923.4	981.6	1033.3	1078.3
37.5°	525.9	546.5	582.6	598.9	621.0	677.8	739.0	822.3	892.4	955.8	1011.9
40°	453.6	469.1	496.4	501.5	520.0	571.6	621.0	699.2	792.1	877.7	938.9
42.5°	404.2	411.5	430.0	436.6	448.4	483.1	527.3	601.1	687.4	775.9	862.2
45°	368.8	373.9	385.0	390.9	405.6	421.1	457.3	516.3	584.1	673.4	766.3
47.5°	337.0	343.7	348.1	351.8	359.9	376.9	400.5	444.0	508.9	590.8	680.7
50°	310.5	312.7	320.8	321.6	326.7	337.8	359.9	386.5	438.1	504.5	591.5
52.5°	283.9	286.2	291.3	296.5	298.7	307.5	322.3	344.4	382.8	435.1	512.6
55°	257.4	260.3	265.5	269.2	271.4	278.8	287.6	309.0	339.3	376.1	439.6
57.5°	230.8	237.5	239.0	241.2	244.9	253.0	261.1	273.6	297.2	331.1	377.6
60°	205.8	208.0	213.1	215.4	219.0	223.5	233.8	243.4	260.3	286.9	328.9
62.5°	180.0	185.1	187.3	189.5	192.5	197.7	204.3	214.6	229.4	250.8	283.9
65°	157.8	158.6	163.0	165.9	168.9	172.6	179.2	188.8	197.7	217.6	241.9
67.5°	136.4	137.9	139.4	142.3	146.0	149.7	155.6	160.8	171.8	185.1	204.3
70°	115.8	115.8	119.5	121.7	121.0	125.4	129.8	135.7	143.8	156.4	171.8
72.5°	97.4	96.6	99.6	100.3	101.8	104.7	107.7	113.6	118.0	127.6	139.4
75°	77.4	78.9	80.4	80.4	82.6	84.8	87.8	90.7	95.9	101.8	110.6
77.5°	61.2	61.2	62.7	63.4	65.6	64.9	67.9	70.8	74.5	79.7	86.3
80°	45.0	46.5	46.5	46.5	47.2	47.9	50.9	53.1	55.3	59.0	62.0
82.5°	31.7	31.7	33.2	33.2	33.2	34.7	34.7	35.4	36.9	39.1	41.3
85°	19.9	19.9	19.9	20.7	19.9	20.7	22.1	21.4	22.1	23.6	23.6
87.5°	9.6	9.6	9.6	9.6	9.6	10.3	9.6	10.3	11.1	11.1	11.1
90°	37.4	36.7	36.1	35.8	35.0	33.4	31.8	30.2	28.6	26.1	23.5
92.5°	38.0	37.7	37.4	37.2	36.9	36.2	35.6	34.9	34.3	33.3	32.4
95°	62.2	62.5	62.8	63.0	62.2	60.6	59.0	57.4	55.8	53.6	51.4
97.5°	78.1	77.8	77.5	77.3	76.8	75.9	74.9	74.0	73.0	67.9	62.8
100°	94.6	94.0	93.3	93.0	91.7	89.2	86.6	84.1	81.5	76.1	70.7
102.5°	102.5	101.5	100.6	100.1	98.4	94.9	91.4	87.9	84.4	142.3	200.1
105°	106.2	104.9	103.6	103.0	101.3	97.8	94.3	90.8	87.3	174.1	260.9
107.5°	109.1	107.8	106.5	105.9	104.1	100.6	97.1	93.6	90.1	197.3	304.4
110°	110.5	109.2	107.9	107.3	123.2	155.0	186.8	218.6	250.4	342.3	434.1

TEST NUMBER: P1029483

CATALOG NUMBER: S122DIW-B485D1440UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	112.6	111.6	110.7	110.2	178.7	315.7	452.8	589.8	726.8	732.2	737.6
115°	163.1	186.0	208.9	220.3	293.9	441.1	588.3	735.5	882.7	874.8	866.8
117.5°	547.2	630.5	713.8	755.4	778.1	823.6	869.1	914.5	960.0	954.6	949.2
120°	958.6	1001.5	1044.4	1065.9	1064.0	1060.2	1056.3	1052.5	1048.7	1043.0	1037.2
122.5°	1142.5	1142.2	1141.9	1141.7	1140.7	1138.8	1136.9	1135.0	1133.1	1126.7	1120.4
125°	1221.3	1220.4	1219.5	1219.0	1217.9	1215.6	1213.4	1211.1	1208.9	1202.9	1196.9
127.5°	1294.1	1293.8	1293.5	1293.3	1291.7	1288.5	1285.4	1282.2	1279.0	1274.2	1269.5
130°	1361.2	1361.5	1361.8	1362.0	1360.3	1356.8	1353.3	1349.8	1346.3	1342.8	1339.3
132.5°	1425.6	1425.9	1426.2	1426.4	1425.0	1422.1	1419.2	1416.4	1413.5	1410.0	1406.5
135°	1487.8	1488.4	1489.1	1489.4	1487.8	1484.6	1481.4	1478.2	1475.0	1472.2	1469.3
137.5°	1545.6	1546.6	1547.5	1548.0	1546.4	1543.2	1540.1	1536.9	1533.7	1530.5	1527.3
140°	1599.9	1601.4	1603.0	1603.8	1602.4	1599.5	1596.6	1593.8	1590.9	1587.4	1583.9
142.5°	1651.4	1652.9	1654.5	1655.3	1654.0	1651.5	1649.0	1646.4	1643.9	1639.8	1635.6
145°	1698.6	1700.1	1701.7	1702.5	1701.4	1699.2	1696.9	1694.7	1692.5	1687.1	1681.7
147.5°	1740.8	1742.1	1743.4	1744.0	1743.2	1741.6	1740.1	1738.5	1736.9	1731.5	1726.1
150°	1780.1	1781.7	1783.3	1784.1	1783.1	1781.2	1779.3	1777.4	1775.5	1770.4	1765.3
152.5°	1814.2	1816.5	1818.7	1819.8	1818.9	1817.0	1815.1	1813.2	1811.3	1806.5	1801.7
155°	1845.0	1847.5	1850.0	1851.3	1850.3	1848.4	1846.5	1844.6	1842.7	1838.9	1835.1
157.5°	1873.6	1876.1	1878.6	1879.9	1878.8	1876.6	1874.3	1872.1	1869.9	1867.0	1864.2
160°	1897.2	1899.5	1901.7	1902.8	1901.8	1899.9	1898.0	1896.1	1894.2	1892.3	1890.4
162.5°	1918.5	1921.4	1924.3	1925.7	1924.6	1922.4	1920.1	1917.9	1915.7	1914.1	1912.5
165°	1937.3	1939.6	1941.8	1942.9	1941.8	1939.6	1937.3	1935.1	1932.9	1931.9	1931.0
167.5°	1951.4	1954.3	1957.2	1958.6	1957.5	1955.3	1953.0	1950.8	1948.6	1947.6	1946.7
170°	1962.9	1965.8	1968.7	1970.1	1969.0	1966.8	1964.5	1962.3	1960.1	1959.5	1958.8
172.5°	1971.5	1974.4	1977.3	1978.7	1977.6	1975.3	1973.1	1970.8	1968.6	1968.0	1967.4
175°	1976.5	1979.6	1982.8	1984.4	1983.3	1981.1	1978.8	1976.6	1974.4	1973.8	1973.1
177.5°	1978.6	1981.5	1984.4	1985.8	1984.7	1982.5	1980.2	1978.0	1975.8	1975.5	1975.2
180°	1977.2	1977.2	1977.2	1977.2	1977.2	1977.2	1977.2	1977.2	1977.2	1977.2	1977.2

TEST NUMBER: P1029483

CATALOG NUMBER: S122DIW-B485D1440UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
0°	959.5	959.5	959.5	959.5	959.5	959.5	959.5	959.5	959.5	959.5	959.5
2.5°	984.6	980.9	978.7	980.2	975.7	964.7	964.7	968.4	963.9	959.5	952.9
5°	1011.9	1004.5	1000.1	999.3	989.0	971.3	967.6	963.9	954.4	944.0	933.0
7.5°	1038.4	1025.2	1017.8	1012.6	997.9	975.0	965.4	957.3	941.8	926.3	912.3
10°	1060.6	1041.4	1032.5	1024.4	1005.2	976.5	961.0	946.2	926.3	906.4	888.7
12.5°	1078.3	1056.1	1045.1	1033.3	1009.7	972.1	952.9	929.3	909.4	882.8	865.1
15°	1107.8	1062.0	1051.7	1040.7	1016.3	964.7	941.1	914.5	887.2	851.8	832.7
17.5°	1131.4	1070.2	1069.4	1045.8	1014.1	961.7	925.6	890.9	861.4	826.0	795.8
20°	1145.4	1082.7	1070.9	1046.6	1006.7	941.8	904.2	865.9	834.1	791.4	761.1
22.5°	1157.2	1100.4	1069.4	1039.9	991.2	935.2	879.9	843.7	800.2	753.8	725.0
25°	1161.6	1104.1	1071.6	1037.7	980.2	916.0	853.3	814.2	765.6	723.5	684.4
27.5°	1162.3	1103.3	1063.5	1028.1	964.7	890.9	826.8	785.5	731.6	683.0	643.9
30°	1155.0	1095.2	1059.1	1020.7	949.9	868.1	794.3	748.6	691.1	642.4	601.8
32.5°	1132.8	1079.0	1049.5	1007.5	930.8	836.4	763.3	712.5	652.0	604.0	564.9
35°	1096.0	1059.1	1026.6	987.5	905.7	806.9	732.4	672.6	611.4	565.7	528.8
37.5°	1050.2	1030.3	1000.1	961.7	876.9	780.3	697.7	631.3	570.1	525.9	489.7
40°	988.3	993.4	963.9	929.3	843.0	744.2	652.7	589.3	531.8	490.5	455.1
42.5°	921.2	942.6	925.6	892.4	805.4	704.3	619.5	549.5	493.4	450.6	421.1
45°	848.9	885.8	875.4	851.1	766.3	662.3	572.3	504.5	455.1	413.8	387.9
47.5°	770.0	822.3	822.3	804.6	722.8	620.3	531.8	462.4	413.8	384.3	359.2
50°	689.6	748.6	758.2	746.4	674.1	572.3	482.3	419.7	377.6	348.9	330.4
52.5°	605.5	674.1	691.8	685.9	622.5	526.6	441.8	380.6	342.2	317.1	300.9
55°	525.1	604.8	623.9	626.2	567.2	476.4	396.8	343.0	306.1	289.1	275.1
57.5°	449.2	525.9	547.2	550.9	511.1	430.7	354.8	307.5	274.4	260.3	249.3
60°	384.3	448.4	476.4	484.6	449.9	377.6	315.7	269.9	244.9	231.6	221.3
62.5°	331.1	382.8	412.3	414.5	399.0	331.1	275.1	236.7	215.4	203.6	198.4
65°	279.5	326.0	343.7	352.5	340.0	286.9	237.5	205.8	188.8	178.5	173.3
67.5°	238.2	267.7	282.5	294.3	281.7	241.9	202.1	176.3	163.7	153.4	150.5
70°	195.4	219.8	230.8	242.6	231.6	201.3	172.6	149.0	137.9	129.8	126.1
72.5°	156.4	175.5	185.9	193.2	186.6	161.5	137.9	121.7	113.6	107.7	105.5
75°	123.9	137.2	143.1	148.2	145.3	126.1	111.4	98.1	90.7	85.6	84.1
77.5°	94.4	104.0	110.6	112.1	108.4	95.9	83.3	75.2	69.3	66.4	64.9
80°	67.1	73.0	76.7	78.9	75.2	70.1	61.2	55.3	50.2	46.5	45.7
82.5°	45.0	47.9	50.9	50.2	48.7	44.3	39.1	36.1	33.9	31.0	31.0
85°	25.8	26.6	28.0	28.8	28.0	25.1	22.1	20.7	19.2	17.0	17.0
87.5°	11.1	11.8	11.8	12.5	11.1	11.1	9.6	8.1	8.1	7.4	6.6
90°	21.0	18.5	17.2	15.4	11.9	8.4	4.9	1.4	4.9	8.4	11.9
92.5°	31.4	30.5	30.0	30.6	31.9	33.2	34.5	35.8	34.5	33.2	31.9
95°	49.1	46.9	45.8	51.0	61.5	72.0	82.5	93.0	82.5	72.0	61.5
97.5°	57.7	52.6	50.1	63.1	89.2	115.3	141.3	167.4	141.3	115.3	89.2
100°	65.3	59.9	57.2	79.0	122.5	166.1	209.6	253.2	209.6	166.1	122.5
102.5°	258.0	315.9	344.8	345.1	345.8	346.4	347.1	347.7	347.1	346.4	345.8
105°	347.7	434.5	477.9	473.1	463.6	454.0	444.5	434.9	444.5	454.0	463.6
107.5°	411.6	518.7	572.3	568.3	560.4	552.4	544.5	536.5	544.5	552.4	560.4
110°	526.0	617.9	663.8	660.5	653.8	647.1	640.5	633.8	640.5	647.1	653.8

TEST NUMBER: P1029483

CATALOG NUMBER: S122DIW-B485D1440UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
112.5°	743.0	748.4	751.1	748.2	742.5	736.8	731.1	725.4	731.1	736.8	742.5
115°	858.9	851.0	847.0	844.3	838.9	833.5	828.1	822.7	828.1	833.5	838.9
117.5°	943.8	938.4	935.7	932.5	926.2	919.8	913.5	907.1	913.5	919.8	926.2
120°	1031.5	1025.8	1022.9	1020.5	1015.8	1011.0	1006.3	1001.5	1006.3	1011.0	1015.8
122.5°	1114.0	1107.7	1104.5	1102.0	1096.9	1091.8	1086.7	1081.6	1086.7	1091.8	1096.9
125°	1190.8	1184.8	1181.8	1179.7	1175.6	1171.5	1167.3	1163.2	1167.3	1171.5	1175.6
127.5°	1264.7	1260.0	1257.6	1255.4	1250.9	1246.5	1242.0	1237.6	1242.0	1246.5	1250.9
130°	1335.8	1332.3	1330.5	1328.0	1322.9	1317.8	1312.8	1307.7	1312.8	1317.8	1322.9
132.5°	1403.0	1399.5	1397.8	1395.7	1391.6	1387.5	1383.3	1379.2	1383.3	1387.5	1391.6
135°	1466.5	1463.6	1462.2	1459.7	1454.6	1449.5	1444.4	1439.3	1444.4	1449.5	1454.6
137.5°	1524.2	1521.0	1519.4	1517.5	1513.7	1509.8	1506.0	1502.2	1506.0	1509.8	1513.7
140°	1580.4	1576.9	1575.2	1573.9	1571.4	1568.9	1566.3	1563.8	1566.3	1568.9	1571.4
142.5°	1631.5	1627.4	1625.3	1624.2	1622.0	1619.7	1617.5	1615.3	1617.5	1619.7	1622.0
145°	1676.3	1670.9	1668.2	1668.4	1668.7	1669.0	1669.3	1669.6	1669.3	1669.0	1668.7
147.5°	1720.6	1715.2	1712.5	1713.0	1713.9	1714.9	1715.8	1716.8	1715.8	1714.9	1713.9
150°	1760.2	1755.1	1752.6	1753.7	1755.9	1758.2	1760.4	1762.6	1760.4	1758.2	1755.9
152.5°	1797.0	1792.2	1789.8	1791.1	1793.6	1796.1	1798.7	1801.2	1798.7	1796.1	1793.6
155°	1831.3	1827.5	1825.6	1827.0	1829.9	1832.7	1835.6	1838.4	1835.6	1832.7	1829.9
157.5°	1861.3	1858.4	1857.0	1858.3	1860.8	1863.4	1865.9	1868.5	1865.9	1863.4	1860.8
160°	1888.5	1886.6	1885.7	1886.6	1888.5	1890.4	1892.3	1894.2	1892.3	1890.4	1888.5
162.5°	1910.9	1909.3	1908.5	1909.5	1911.4	1913.3	1915.2	1917.1	1915.2	1913.3	1911.4
165°	1930.0	1929.1	1928.6	1929.6	1931.5	1933.4	1935.3	1937.2	1935.3	1933.4	1931.5
167.5°	1945.7	1944.8	1944.3	1945.3	1947.2	1949.1	1951.0	1952.9	1951.0	1949.1	1947.2
170°	1958.2	1957.5	1957.2	1958.2	1960.1	1962.0	1963.9	1965.8	1963.9	1962.0	1960.1
172.5°	1966.7	1966.1	1965.8	1966.8	1968.7	1970.6	1972.5	1974.4	1972.5	1970.6	1968.7
175°	1972.5	1971.8	1971.5	1972.6	1974.8	1977.1	1979.3	1981.5	1979.3	1977.1	1974.8
177.5°	1974.9	1974.6	1974.4	1975.5	1977.7	1980.0	1982.2	1984.4	1982.2	1980.0	1977.7
180°	1977.2	1977.2	1977.2	1977.2	1977.2	1977.2	1977.2	1977.2	1977.2	1977.2	1977.2

TEST NUMBER: P1029483

CATALOG NUMBER: S122DIW-B485D1440UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
0°	959.5	959.5	959.5	959.5	959.5	959.5	959.5	959.5	959.5	959.5	959.5
2.5°	949.2	952.9	952.1	944.8	936.7	930.0	917.5	919.0	914.5	915.3	919.7
5°	925.6	925.6	922.6	912.3	899.0	891.7	877.7	874.0	865.1	864.4	863.6
7.5°	900.5	896.8	893.1	878.4	862.2	850.4	831.2	826.8	817.9	812.0	809.1
10°	871.0	865.9	858.5	841.5	821.6	806.9	786.9	781.0	764.1	756.7	752.3
12.5°	838.6	835.6	823.8	809.8	777.4	761.1	732.4	738.3	721.3	706.6	704.3
15°	806.1	795.1	788.4	765.6	726.5	719.1	696.2	684.4	668.9	657.1	657.1
17.5°	774.4	757.4	742.7	718.4	689.6	668.9	652.0	646.1	626.9	615.1	612.9
20°	732.4	713.2	709.5	674.8	654.9	632.1	615.8	601.1	587.1	581.9	578.2
22.5°	692.5	670.4	664.5	635.0	615.1	592.2	576.0	565.7	555.4	551.7	545.0
25°	649.8	636.5	627.6	595.9	573.8	552.4	541.3	534.0	524.4	523.6	519.2
27.5°	608.5	595.9	587.1	556.8	540.6	520.7	511.8	503.7	498.6	496.4	494.1
30°	573.1	559.0	548.7	526.6	506.7	490.5	483.1	477.9	475.0	471.3	470.5
32.5°	534.0	525.9	511.8	494.9	479.4	463.9	459.5	455.8	451.4	449.9	449.2
35°	500.8	489.7	480.9	461.7	455.1	441.8	436.6	433.7	427.8	426.3	424.8
37.5°	468.3	458.0	448.4	436.6	424.1	416.7	413.8	409.3	406.4	407.1	405.6
40°	435.9	427.8	420.4	407.9	400.5	396.8	390.9	386.5	385.0	385.7	385.0
42.5°	404.2	396.8	392.4	382.8	375.4	371.7	368.0	363.6	365.8	365.8	368.0
45°	375.4	368.8	365.8	358.4	354.0	348.1	344.4	343.7	346.6	345.9	345.9
47.5°	345.9	343.7	340.0	333.4	327.5	323.8	323.0	323.0	326.0	327.5	326.7
50°	323.0	318.6	314.2	309.0	304.6	303.1	300.9	302.4	305.3	305.3	306.8
52.5°	294.3	291.3	289.8	285.4	282.5	282.5	282.5	283.2	285.4	287.6	286.9
55°	269.2	267.0	265.5	263.3	259.6	260.3	259.6	261.1	263.3	265.5	267.0
57.5°	242.6	241.9	240.4	236.7	236.7	236.0	238.2	239.0	242.6	244.1	246.3
60°	219.0	216.8	216.8	213.9	213.9	213.9	216.1	218.3	221.3	222.0	223.5
62.5°	194.0	194.0	193.2	191.0	191.0	193.2	194.0	196.9	198.4	198.4	200.6
65°	170.4	169.6	168.9	169.6	170.4	170.4	172.6	174.1	175.5	176.3	177.0
67.5°	146.8	146.0	147.5	146.8	148.2	151.2	150.5	152.7	154.9	154.9	155.6
70°	124.6	126.1	125.4	126.9	126.1	127.6	129.8	130.5	130.5	131.3	133.5
72.5°	104.0	104.0	104.0	103.3	104.0	105.5	106.9	107.7	109.2	109.9	112.1
75°	84.1	84.1	82.6	84.1	84.1	85.6	87.0	87.0	87.0	88.5	90.7
77.5°	63.4	64.2	63.4	64.9	64.9	65.6	67.1	66.4	67.9	68.6	69.3
80°	46.5	45.7	45.7	45.7	46.5	46.5	47.9	48.7	48.7	50.9	49.4
82.5°	29.5	30.2	29.5	30.2	30.2	31.0	30.2	31.0	31.7	33.2	32.5
85°	17.0	16.2	16.2	17.0	16.2	16.2	17.0	16.2	17.0	16.2	17.0
87.5°	6.6	5.9	5.9	5.9	5.9	5.2	5.2	4.4	4.4	4.4	3.7
90°	15.4	17.2	18.5	21.0	23.5	26.1	28.6	30.2	31.8	33.4	35.0
92.5°	30.6	30.0	30.5	31.4	32.4	33.3	34.3	34.9	35.6	36.2	36.9
95°	51.0	45.8	46.9	49.1	51.4	53.6	55.8	57.4	59.0	60.6	62.2
97.5°	63.1	50.1	52.6	57.7	62.8	67.9	73.0	74.0	74.9	75.9	76.8
100°	79.0	57.2	59.9	65.3	70.7	76.1	81.5	84.1	86.6	89.2	91.7
102.5°	345.1	344.8	315.9	258.0	200.1	142.3	84.4	87.9	91.4	94.9	98.4
105°	473.1	477.9	434.5	347.7	260.9	174.1	87.3	90.8	94.3	97.8	101.3
107.5°	568.3	572.3	518.7	411.6	304.4	197.3	90.1	93.6	97.1	100.6	104.1
110°	660.5	663.8	617.9	526.0	434.1	342.3	250.4	218.6	186.8	155.0	123.2

TEST NUMBER: P1029483

CATALOG NUMBER: S122DIW-B485D1440UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
112.5°	748.2	751.1	748.4	743.0	737.6	732.2	726.8	589.8	452.8	315.7	178.7
115°	844.3	847.0	851.0	858.9	866.8	874.8	882.7	735.5	588.3	441.1	293.9
117.5°	932.5	935.7	938.4	943.8	949.2	954.6	960.0	914.5	869.1	823.6	778.1
120°	1020.5	1022.9	1025.8	1031.5	1037.2	1043.0	1048.7	1052.5	1056.3	1060.2	1064.0
122.5°	1102.0	1104.5	1107.7	1114.0	1120.4	1126.7	1133.1	1135.0	1136.9	1138.8	1140.7
125°	1179.7	1181.8	1184.8	1190.8	1196.9	1202.9	1208.9	1211.1	1213.4	1215.6	1217.9
127.5°	1255.4	1257.6	1260.0	1264.7	1269.5	1274.2	1279.0	1282.2	1285.4	1288.5	1291.7
130°	1328.0	1330.5	1332.3	1335.8	1339.3	1342.8	1346.3	1349.8	1353.3	1356.8	1360.3
132.5°	1395.7	1397.8	1399.5	1403.0	1406.5	1410.0	1413.5	1416.4	1419.2	1422.1	1425.0
135°	1459.7	1462.2	1463.6	1466.5	1469.3	1472.2	1475.0	1478.2	1481.4	1484.6	1487.8
137.5°	1517.5	1519.4	1521.0	1524.2	1527.3	1530.5	1533.7	1536.9	1540.1	1543.2	1546.4
140°	1573.9	1575.2	1576.9	1580.4	1583.9	1587.4	1590.9	1593.8	1596.6	1599.5	1602.4
142.5°	1624.2	1625.3	1627.4	1631.5	1635.6	1639.8	1643.9	1646.4	1649.0	1651.5	1654.0
145°	1668.4	1668.2	1670.9	1676.3	1681.7	1687.1	1692.5	1694.7	1696.9	1699.2	1701.4
147.5°	1713.0	1712.5	1715.2	1720.6	1726.1	1731.5	1736.9	1738.5	1740.1	1741.6	1743.2
150°	1753.7	1752.6	1755.1	1760.2	1765.3	1770.4	1775.5	1777.4	1779.3	1781.2	1783.1
152.5°	1791.1	1789.8	1792.2	1797.0	1801.7	1806.5	1811.3	1813.2	1815.1	1817.0	1818.9
155°	1827.0	1825.6	1827.5	1831.3	1835.1	1838.9	1842.7	1844.6	1846.5	1848.4	1850.3
157.5°	1858.3	1857.0	1858.4	1861.3	1864.2	1867.0	1869.9	1872.1	1874.3	1876.6	1878.8
160°	1886.6	1885.7	1886.6	1888.5	1890.4	1892.3	1894.2	1896.1	1898.0	1899.9	1901.8
162.5°	1909.5	1908.5	1909.3	1910.9	1912.5	1914.1	1915.7	1917.9	1920.1	1922.4	1924.6
165°	1929.6	1928.6	1929.1	1930.0	1931.0	1931.9	1932.9	1935.1	1937.3	1939.6	1941.8
167.5°	1945.3	1944.3	1944.8	1945.7	1946.7	1947.6	1948.6	1950.8	1953.0	1955.3	1957.5
170°	1958.2	1957.2	1957.5	1958.2	1958.8	1959.5	1960.1	1962.3	1964.5	1966.8	1969.0
172.5°	1966.8	1965.8	1966.1	1966.7	1967.4	1968.0	1968.6	1970.8	1973.1	1975.3	1977.6
175°	1972.6	1971.5	1971.8	1972.5	1973.1	1973.8	1974.4	1976.6	1978.8	1981.1	1983.3
177.5°	1975.5	1974.4	1974.6	1974.9	1975.2	1975.5	1975.8	1978.0	1980.2	1982.5	1984.7
180°	1977.2	1977.2	1977.2	1977.2	1977.2	1977.2	1977.2	1977.2	1977.2	1977.2	1977.2

TEST NUMBER: P1029483

CATALOG NUMBER: S122DIW-B485D1440UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
0°	959.5	959.5	959.5	959.5	959.5	959.5	959.5	959.5	959.5	959.5	959.5
2.5°	914.5	916.7	911.6	910.1	911.6	906.4	907.9	909.4	909.4	911.6	913.1
5°	861.4	858.5	853.3	851.8	850.4	852.6	851.1	853.3	854.1	859.2	860.0
7.5°	809.1	804.6	800.2	795.8	794.3	790.6	794.3	794.3	799.5	798.0	801.7
10°	747.1	746.4	740.5	738.3	735.3	729.4	737.5	735.3	739.0	745.6	747.1
12.5°	701.4	693.3	697.0	686.6	690.3	684.4	685.2	685.2	691.1	691.8	690.3
15°	657.9	651.2	641.6	637.2	635.0	632.1	641.6	642.4	638.0	648.3	644.6
17.5°	613.6	613.6	604.8	602.6	596.7	599.6	598.1	598.9	597.4	604.8	608.5
20°	575.3	571.6	568.6	569.4	562.0	560.5	559.0	560.5	565.7	570.8	572.3
22.5°	544.3	542.1	534.7	536.2	530.3	532.5	531.0	534.7	535.4	535.4	540.6
25°	514.8	511.8	512.6	509.6	507.4	507.4	505.2	507.4	510.4	511.8	512.6
27.5°	492.7	490.5	486.8	484.6	486.0	482.3	485.3	487.5	487.5	486.0	487.5
30°	466.1	467.6	467.6	460.2	463.2	461.7	463.9	465.4	465.4	466.1	464.6
32.5°	448.4	444.0	443.3	442.5	442.5	439.6	439.6	441.8	442.5	443.3	445.5
35°	424.8	424.8	421.1	423.3	420.4	421.1	420.4	421.1	422.6	420.4	422.6
37.5°	403.4	404.2	402.7	404.2	404.9	403.4	402.0	404.9	403.4	403.4	402.0
40°	385.0	384.3	385.0	385.0	385.0	385.7	384.3	384.3	384.3	382.8	381.3
42.5°	369.5	365.1	366.6	367.3	365.1	365.1	365.8	365.1	367.3	362.9	362.9
45°	347.4	345.9	346.6	346.6	348.1	345.9	347.4	348.1	345.9	345.2	343.7
47.5°	327.5	328.9	327.5	328.9	328.9	330.4	327.5	328.2	328.9	326.0	323.8
50°	307.5	307.5	309.8	309.0	309.8	308.3	308.3	307.5	308.3	306.8	304.6
52.5°	289.1	286.9	290.6	289.8	289.1	288.4	287.6	288.4	286.9	285.4	285.4
55°	266.2	266.2	268.5	269.2	269.2	267.7	266.2	267.0	266.2	265.5	264.8
57.5°	247.8	244.9	246.3	247.1	247.1	244.9	246.3	244.9	244.9	245.6	243.4
60°	224.2	224.2	222.7	224.9	224.9	223.5	223.5	224.2	222.7	222.0	221.3
62.5°	199.1	199.9	202.1	202.8	203.6	202.1	200.6	201.3	201.3	199.1	199.9
65°	177.7	179.2	182.2	181.4	180.0	180.7	179.2	180.0	177.7	178.5	176.3
67.5°	157.1	156.4	157.1	157.1	158.6	157.8	156.4	156.4	155.6	157.8	155.6
70°	135.0	135.0	135.0	135.0	135.7	136.4	135.0	133.5	134.2	132.8	132.0
72.5°	112.1	112.8	112.1	113.6	111.4	112.8	112.8	112.1	111.4	111.4	111.4
75°	90.7	92.2	90.0	90.7	90.0	91.5	90.7	90.7	89.2	88.5	89.2
77.5°	69.3	70.1	68.6	69.3	68.6	69.3	69.3	68.6	68.6	68.6	68.6
80°	49.4	50.2	49.4	48.7	47.9	49.4	47.9	48.7	49.4	48.7	50.2
82.5°	31.7	31.7	31.0	31.7	30.2	30.2	31.0	31.0	30.2	31.7	30.2
85°	15.5	15.5	17.0	15.5	14.8	14.8	14.8	15.5	14.8	16.2	15.5
87.5°	3.7	3.0	3.7	3.7	3.0	3.0	3.7	3.0	3.7	4.4	3.0
90°	35.8	36.1	36.7	37.4	38.0	38.6	38.0	37.4	36.7	36.1	35.8
92.5°	37.2	37.4	37.7	38.0	38.3	38.6	38.3	38.0	37.7	37.4	37.2
95°	63.0	62.8	62.5	62.2	61.8	61.5	61.8	62.2	62.5	62.8	63.0
97.5°	77.3	77.5	77.8	78.1	78.4	78.7	78.4	78.1	77.8	77.5	77.3
100°	93.0	93.3	94.0	94.6	95.3	95.9	95.3	94.6	94.0	93.3	93.0
102.5°	100.1	100.6	101.5	102.5	103.4	104.4	103.4	102.5	101.5	100.6	100.1
105°	103.0	103.6	104.9	106.2	107.4	108.7	107.4	106.2	104.9	103.6	103.0
107.5°	105.9	106.5	107.8	109.1	110.3	111.6	110.3	109.1	107.8	106.5	105.9
110°	107.3	107.9	109.2	110.5	111.7	113.0	111.7	110.5	109.2	107.9	107.3

TEST NUMBER: P1029483

CATALOG NUMBER: S122DIW-B485D1440UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
112.5°	110.2	110.7	111.6	112.6	113.5	114.5	113.5	112.6	111.6	110.7	110.2
115°	220.3	208.9	186.0	163.1	140.2	117.3	140.2	163.1	186.0	208.9	220.3
117.5°	755.4	713.8	630.5	547.2	463.9	380.6	463.9	547.2	630.5	713.8	755.4
120°	1065.9	1044.4	1001.5	958.6	915.6	872.7	915.6	958.6	1001.5	1044.4	1065.9
122.5°	1141.7	1141.9	1142.2	1142.5	1142.8	1143.1	1142.8	1142.5	1142.2	1141.9	1141.7
125°	1219.0	1219.5	1220.4	1221.3	1222.3	1223.2	1222.3	1221.3	1220.4	1219.5	1219.0
127.5°	1293.3	1293.5	1293.8	1294.1	1294.5	1294.8	1294.5	1294.1	1293.8	1293.5	1293.3
130°	1362.0	1361.8	1361.5	1361.2	1360.9	1360.6	1360.9	1361.2	1361.5	1361.8	1362.0
132.5°	1426.4	1426.2	1425.9	1425.6	1425.3	1425.0	1425.3	1425.6	1425.9	1426.2	1426.4
135°	1489.4	1489.1	1488.4	1487.8	1487.1	1486.5	1487.1	1487.8	1488.4	1489.1	1489.4
137.5°	1548.0	1547.5	1546.6	1545.6	1544.7	1543.7	1544.7	1545.6	1546.6	1547.5	1548.0
140°	1603.8	1603.0	1601.4	1599.9	1598.3	1596.7	1598.3	1599.9	1601.4	1603.0	1603.8
142.5°	1655.3	1654.5	1652.9	1651.4	1649.8	1648.2	1649.8	1651.4	1652.9	1654.5	1655.3
145°	1702.5	1701.7	1700.1	1698.6	1697.0	1695.4	1697.0	1698.6	1700.1	1701.7	1702.5
147.5°	1744.0	1743.4	1742.1	1740.8	1739.6	1738.3	1739.6	1740.8	1742.1	1743.4	1744.0
150°	1784.1	1783.3	1781.7	1780.1	1778.5	1776.9	1778.5	1780.1	1781.7	1783.3	1784.1
152.5°	1819.8	1818.7	1816.5	1814.2	1812.0	1809.8	1812.0	1814.2	1816.5	1818.7	1819.8
155°	1851.3	1850.0	1847.5	1845.0	1842.4	1839.9	1842.4	1845.0	1847.5	1850.0	1851.3
157.5°	1879.9	1878.6	1876.1	1873.6	1871.0	1868.5	1871.0	1873.6	1876.1	1878.6	1879.9
160°	1902.8	1901.7	1899.5	1897.2	1895.0	1892.8	1895.0	1897.2	1899.5	1901.7	1902.8
162.5°	1925.7	1924.3	1921.4	1918.5	1915.7	1912.8	1915.7	1918.5	1921.4	1924.3	1925.7
165°	1942.9	1941.8	1939.6	1937.3	1935.1	1932.9	1935.1	1937.3	1939.6	1941.8	1942.9
167.5°	1958.6	1957.2	1954.3	1951.4	1948.6	1945.7	1948.6	1951.4	1954.3	1957.2	1958.6
170°	1970.1	1968.7	1965.8	1962.9	1960.1	1957.2	1960.1	1962.9	1965.8	1968.7	1970.1
172.5°	1978.7	1977.3	1974.4	1971.5	1968.7	1965.8	1968.7	1971.5	1974.4	1977.3	1978.7
175°	1984.4	1982.8	1979.6	1976.5	1973.3	1970.1	1973.3	1976.5	1979.6	1982.8	1984.4
177.5°	1985.8	1984.4	1981.5	1978.6	1975.8	1972.9	1975.8	1978.6	1981.5	1984.4	1985.8
180°	1977.2	1977.2	1977.2	1977.2	1977.2	1977.2	1977.2	1977.2	1977.2	1977.2	1977.2

TEST NUMBER: P1029483

CATALOG NUMBER: S122DIW-B485D1440UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
0°	959.5	959.5	959.5	959.5	959.5	959.5	959.5	959.5	959.5	959.5	959.5
2.5°	910.8	916.7	914.5	906.4	916.0	916.0	922.6	922.6	930.8	933.7	938.1
5°	859.2	863.6	867.3	863.6	870.3	880.6	886.5	891.7	902.7	907.2	913.8
7.5°	803.9	812.0	815.7	815.7	826.8	838.6	850.4	857.7	873.2	879.1	885.8
10°	750.1	759.7	767.0	766.3	784.7	792.1	806.9	823.8	839.3	848.2	857.7
12.5°	693.3	698.4	708.8	723.5	727.9	741.2	758.2	779.6	807.6	815.7	829.7
15°	646.1	660.1	668.2	674.8	685.2	697.7	716.1	736.8	764.8	782.5	797.3
17.5°	606.2	624.7	629.8	628.4	641.6	660.8	682.2	697.7	722.8	744.2	758.2
20°	573.8	581.2	590.0	593.7	604.0	624.7	645.3	663.0	683.7	700.7	716.9
22.5°	541.3	547.2	554.6	561.3	569.4	581.2	601.1	623.2	643.1	659.3	677.8
25°	514.8	518.5	525.1	530.3	539.1	547.2	561.3	585.6	609.2	618.8	635.0
27.5°	489.0	491.9	496.4	502.3	506.7	514.8	527.3	547.2	571.6	581.2	603.3
30°	466.1	468.3	472.8	475.7	477.9	487.5	497.1	512.6	531.0	544.3	560.5
32.5°	444.7	446.9	451.4	452.1	455.1	460.2	469.1	483.1	499.3	510.4	524.4
35°	421.1	422.6	427.0	428.5	430.7	435.1	441.8	452.1	466.9	475.0	487.5
37.5°	402.7	402.0	404.9	407.1	410.1	412.3	414.5	424.8	435.9	443.3	452.8
40°	382.8	381.3	382.0	385.0	386.5	389.4	389.4	399.7	407.1	413.0	420.4
42.5°	362.9	362.1	360.7	362.1	363.6	364.3	365.1	372.5	379.8	385.0	393.1
45°	343.0	342.2	340.7	341.5	341.5	343.0	345.2	348.1	353.3	357.7	362.1
47.5°	324.5	323.0	320.8	320.1	321.6	321.6	321.6	324.5	329.7	331.1	335.6
50°	305.3	303.1	300.2	298.7	298.7	298.0	299.4	300.2	304.6	306.1	309.8
52.5°	284.7	283.2	280.3	277.3	278.0	276.6	277.3	278.0	279.5	281.7	283.9
55°	264.0	261.1	258.9	258.1	255.9	255.9	253.7	256.7	255.9	256.7	259.6
57.5°	244.1	241.2	237.5	236.0	233.8	233.1	231.6	230.8	231.6	233.8	236.0
60°	220.5	219.0	216.8	214.6	213.1	210.9	209.5	209.5	208.7	208.7	209.5
62.5°	197.7	196.9	194.0	193.2	191.8	190.3	188.1	186.6	186.6	188.1	188.8
65°	175.5	174.8	172.6	171.8	168.2	166.7	165.9	165.2	163.7	163.7	163.7
67.5°	154.9	152.7	152.7	149.0	146.0	144.6	143.1	142.3	142.3	142.3	143.1
70°	132.0	132.0	129.8	127.6	124.6	125.4	123.2	121.0	121.0	119.5	120.2
72.5°	109.9	109.2	106.9	106.2	104.0	101.8	100.3	101.8	99.6	98.8	99.6
75°	88.5	87.8	86.3	84.8	85.6	83.3	81.1	80.4	80.4	78.9	78.9
77.5°	67.9	69.3	66.4	65.6	64.2	62.7	62.0	61.2	61.2	61.2	62.7
80°	47.2	47.9	47.9	46.5	47.2	45.0	45.0	45.0	42.8	43.5	44.3
82.5°	30.2	30.2	29.5	30.2	29.5	29.5	28.8	28.8	28.0	28.0	28.8
85°	17.0	16.2	15.5	17.0	16.2	16.2	15.5	15.5	15.5	15.5	15.5
87.5°	3.7	4.4	4.4	4.4	4.4	5.2	5.2	5.2	5.9	5.9	5.9
90°	35.0	33.4	31.8	30.2	28.6	26.1	23.5	21.0	18.5	17.2	15.4
92.5°	36.9	36.2	35.6	34.9	34.3	33.3	32.4	31.4	30.5	30.0	30.6
95°	62.2	60.6	59.0	57.4	55.8	53.6	51.4	49.1	46.9	45.8	51.0
97.5°	76.8	75.9	74.9	74.0	73.0	67.9	62.8	57.7	52.6	50.1	63.1
100°	91.7	89.2	86.6	84.1	81.5	76.1	70.7	65.3	59.9	57.2	79.0
102.5°	98.4	94.9	91.4	87.9	84.4	142.3	200.1	258.0	315.9	344.8	345.1
105°	101.3	97.8	94.3	90.8	87.3	174.1	260.9	347.7	434.5	477.9	473.1
107.5°	104.1	100.6	97.1	93.6	90.1	197.3	304.4	411.6	518.7	572.3	568.3
110°	123.2	155.0	186.8	218.6	250.4	342.3	434.1	526.0	617.9	663.8	660.5

TEST NUMBER: P1029483

CATALOG NUMBER: S122DIW-B485D1440UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
112.5°	178.7	315.7	452.8	589.8	726.8	732.2	737.6	743.0	748.4	751.1	748.2
115°	293.9	441.1	588.3	735.5	882.7	874.8	866.8	858.9	851.0	847.0	844.3
117.5°	778.1	823.6	869.1	914.5	960.0	954.6	949.2	943.8	938.4	935.7	932.5
120°	1064.0	1060.2	1056.3	1052.5	1048.7	1043.0	1037.2	1031.5	1025.8	1022.9	1020.5
122.5°	1140.7	1138.8	1136.9	1135.0	1133.1	1126.7	1120.4	1114.0	1107.7	1104.5	1102.0
125°	1217.9	1215.6	1213.4	1211.1	1208.9	1202.9	1196.9	1190.8	1184.8	1181.8	1179.7
127.5°	1291.7	1288.5	1285.4	1282.2	1279.0	1274.2	1269.5	1264.7	1260.0	1257.6	1255.4
130°	1360.3	1356.8	1353.3	1349.8	1346.3	1342.8	1339.3	1335.8	1332.3	1330.5	1328.0
132.5°	1425.0	1422.1	1419.2	1416.4	1413.5	1410.0	1406.5	1403.0	1399.5	1397.8	1395.7
135°	1487.8	1484.6	1481.4	1478.2	1475.0	1472.2	1469.3	1466.5	1463.6	1462.2	1459.7
137.5°	1546.4	1543.2	1540.1	1536.9	1533.7	1530.5	1527.3	1524.2	1521.0	1519.4	1517.5
140°	1602.4	1599.5	1596.6	1593.8	1590.9	1587.4	1583.9	1580.4	1576.9	1575.2	1573.9
142.5°	1654.0	1651.5	1649.0	1646.4	1643.9	1639.8	1635.6	1631.5	1627.4	1625.3	1624.2
145°	1701.4	1699.2	1696.9	1694.7	1692.5	1687.1	1681.7	1676.3	1670.9	1668.2	1668.4
147.5°	1743.2	1741.6	1740.1	1738.5	1736.9	1731.5	1726.1	1720.6	1715.2	1712.5	1713.0
150°	1783.1	1781.2	1779.3	1777.4	1775.5	1770.4	1765.3	1760.2	1755.1	1752.6	1753.7
152.5°	1818.9	1817.0	1815.1	1813.2	1811.3	1806.5	1801.7	1797.0	1792.2	1789.8	1791.1
155°	1850.3	1848.4	1846.5	1844.6	1842.7	1838.9	1835.1	1831.3	1827.5	1825.6	1827.0
157.5°	1878.8	1876.6	1874.3	1872.1	1869.9	1867.0	1864.2	1861.3	1858.4	1857.0	1858.3
160°	1901.8	1899.9	1898.0	1896.1	1894.2	1892.3	1890.4	1888.5	1886.6	1885.7	1886.6
162.5°	1924.6	1922.4	1920.1	1917.9	1915.7	1914.1	1912.5	1910.9	1909.3	1908.5	1909.5
165°	1941.8	1939.6	1937.3	1935.1	1932.9	1931.9	1931.0	1930.0	1929.1	1928.6	1929.6
167.5°	1957.5	1955.3	1953.0	1950.8	1948.6	1947.6	1946.7	1945.7	1944.8	1944.3	1945.3
170°	1969.0	1966.8	1964.5	1962.3	1960.1	1959.5	1958.8	1958.2	1957.5	1957.2	1958.2
172.5°	1977.6	1975.3	1973.1	1970.8	1968.6	1968.0	1967.4	1966.7	1966.1	1965.8	1966.8
175°	1983.3	1981.1	1978.8	1976.6	1974.4	1973.8	1973.1	1972.5	1971.8	1971.5	1972.6
177.5°	1984.7	1982.5	1980.2	1978.0	1975.8	1975.5	1975.2	1974.9	1974.6	1974.4	1975.5
180°	1977.2	1977.2	1977.2	1977.2	1977.2	1977.2	1977.2	1977.2	1977.2	1977.2	1977.2

TEST NUMBER: P1029483

CATALOG NUMBER: S122DIW-B485D1440UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
0°	959.5	959.5	959.5	959.5
2.5°	941.8	941.8	952.9	964.7
5°	921.2	926.3	944.0	960.3
7.5°	901.3	910.1	932.2	952.9
10°	876.9	888.7	916.0	940.3
12.5°	853.3	864.4	896.1	923.4
15°	820.1	834.1	868.1	902.0
17.5°	786.9	801.0	842.3	882.1
20°	747.9	766.3	812.8	865.9
22.5°	711.7	734.6	786.2	829.0
25°	671.9	707.3	755.2	810.5
27.5°	636.5	671.9	720.6	776.6
30°	596.7	632.8	683.0	734.6
32.5°	558.3	591.5	640.2	703.6
35°	518.5	550.2	597.4	661.6
37.5°	482.3	513.3	564.9	623.9
40°	446.9	479.4	523.6	582.6
42.5°	413.8	442.5	482.3	541.3
45°	383.5	404.2	441.0	496.4
47.5°	351.8	370.2	404.2	459.5
50°	322.3	337.8	367.3	418.9
52.5°	293.5	306.8	334.1	375.4
55°	267.7	280.3	300.2	340.7
57.5°	241.2	250.8	269.9	302.4
60°	215.4	224.2	239.7	266.2
62.5°	189.5	196.9	211.7	233.1
65°	166.7	172.6	183.6	202.1
67.5°	144.6	148.2	157.1	171.8
70°	123.2	126.1	133.5	145.3
72.5°	100.3	103.3	111.4	119.5
75°	81.1	81.9	87.8	94.4
77.5°	63.4	62.7	67.1	72.3
80°	43.5	45.7	49.4	51.6
82.5°	29.5	30.2	31.7	33.2
85°	16.2	17.0	17.0	19.2
87.5°	6.6	7.4	7.4	8.1
90°	11.9	8.4	4.9	1.4
92.5°	31.9	33.2	34.5	35.8
95°	61.5	72.0	82.5	93.0
97.5°	89.2	115.3	141.3	167.4
100°	122.5	166.1	209.6	253.2
102.5°	345.8	346.4	347.1	347.7
105°	463.6	454.0	444.5	434.9
107.5°	560.4	552.4	544.5	536.5
110°	653.8	647.1	640.5	633.8

TEST NUMBER: P1029483

CATALOG NUMBER: S122DIW-B485D1440UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
112.5°	742.5	736.8	731.1	725.4
115°	838.9	833.5	828.1	822.7
117.5°	926.2	919.8	913.5	907.1
120°	1015.8	1011.0	1006.3	1001.5
122.5°	1096.9	1091.8	1086.7	1081.6
125°	1175.6	1171.5	1167.3	1163.2
127.5°	1250.9	1246.5	1242.0	1237.6
130°	1322.9	1317.8	1312.8	1307.7
132.5°	1391.6	1387.5	1383.3	1379.2
135°	1454.6	1449.5	1444.4	1439.3
137.5°	1513.7	1509.8	1506.0	1502.2
140°	1571.4	1568.9	1566.3	1563.8
142.5°	1622.0	1619.7	1617.5	1615.3
145°	1668.7	1669.0	1669.3	1669.6
147.5°	1713.9	1714.9	1715.8	1716.8
150°	1755.9	1758.2	1760.4	1762.6
152.5°	1793.6	1796.1	1798.7	1801.2
155°	1829.9	1832.7	1835.6	1838.4
157.5°	1860.8	1863.4	1865.9	1868.5
160°	1888.5	1890.4	1892.3	1894.2
162.5°	1911.4	1913.3	1915.2	1917.1
165°	1931.5	1933.4	1935.3	1937.2
167.5°	1947.2	1949.1	1951.0	1952.9
170°	1960.1	1962.0	1963.9	1965.8
172.5°	1968.7	1970.6	1972.5	1974.4
175°	1974.8	1977.1	1979.3	1981.5
177.5°	1977.7	1980.0	1982.2	1984.4
180°	1977.2	1977.2	1977.2	1977.2

(END OF REPORT)