

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: P1029600

Luminaire Tested: S122DIW-B675D1240UB2750-4F0-XX-W2A-A_2700K

Issue Date: 5/6/2025

Test Information

Test Method: LM-79-2019
Report Number: P1029600
REPORT IS A COMBINATION OF REPORTS P986387 AND P1007351
Test Lab: INNOVATION CENTER
Issue Date: 5/6/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: NEO-RAY
Catalog Number: S122DIW-B675D1240UB2750-4F0-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

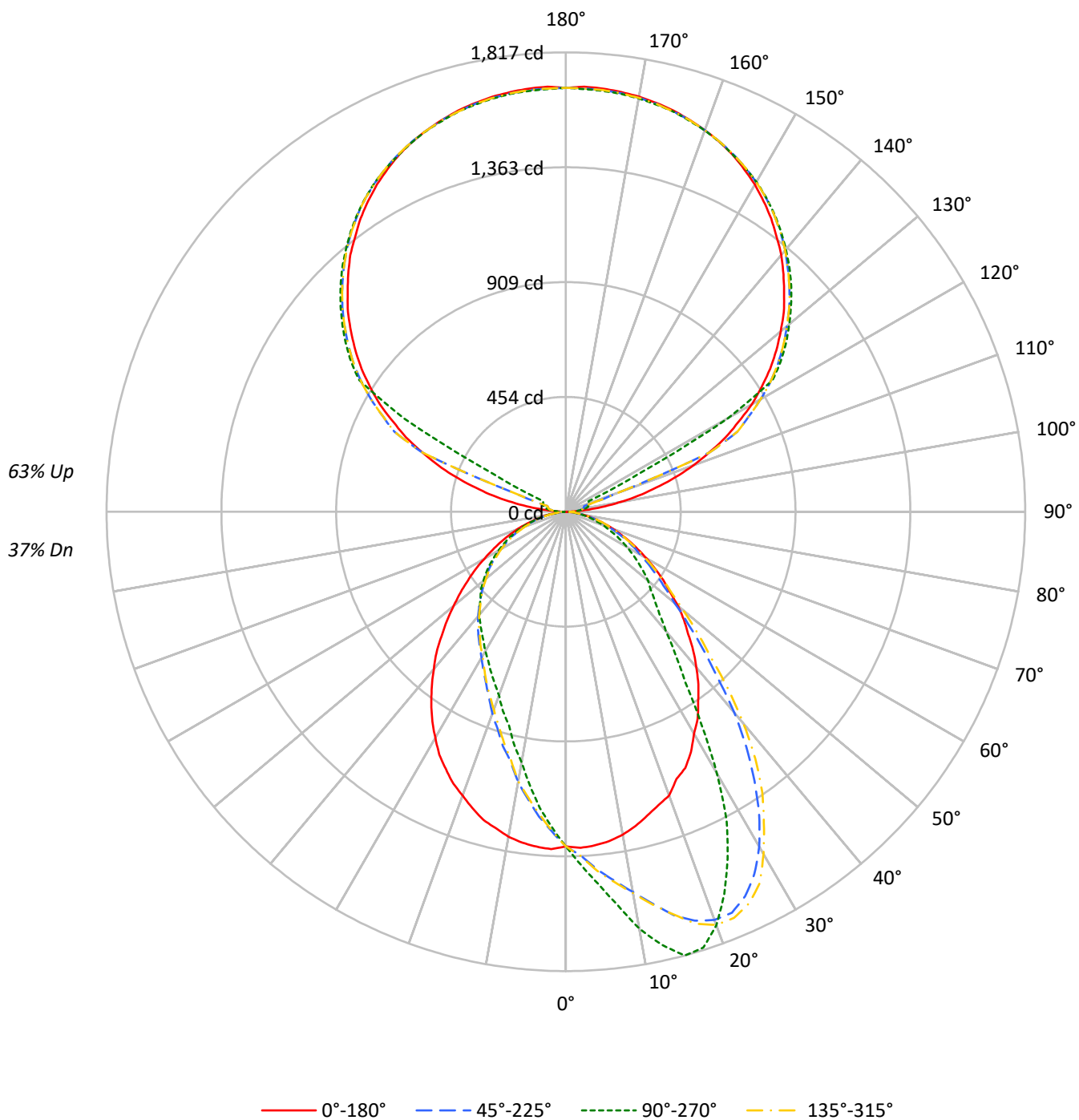
Lumens per Lamp: N/A
Luminaire Lumens: 7839.0 lumens
Efficiency: N/A
Efficacy: 100.5 lumens/watt
Spacing Criteria (0/90/45): 1.16 / 1.09 / 1.23
Luminous Opening: Rectangular w/ Sides (W: 0.17' x L: 4' x H: 0.1')
CIE Type: Semi-Indirect

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

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Luminous Intensity Polar Plot



TEST NUMBER: P1029600

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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20
RC	80				70				50				30				10
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10
RCR																	
0	104	104	104	104	94	94	94	94	76	76	76	60	60	60	44	44	44
1	95	91	88	84	86	83	80	77	67	65	63	53	52	50	40	39	38
2	87	80	74	69	79	73	68	64	59	56	53	47	45	43	35	34	33
3	80	71	64	58	72	64	58	54	53	48	45	42	39	36	32	30	28
4	73	63	55	49	66	57	51	46	47	42	38	37	34	31	29	26	25
5	67	56	48	42	61	51	44	39	42	37	33	34	30	27	26	24	22
6	62	50	42	37	56	46	39	34	38	33	29	31	27	24	24	21	19
7	57	45	38	32	52	42	35	30	35	29	26	28	24	21	22	19	17
8	53	41	34	29	48	38	31	27	32	27	23	26	22	19	20	17	16
9	49	38	30	26	45	35	28	24	29	24	21	24	20	17	18	16	14
10	46	34	28	23	42	32	26	21	27	22	19	22	18	16	17	15	13

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	20950	20950	20950	20950
5°	21000	22337	21081	17772
10°	20756	24384	20887	14652
15°	20252	25721	20534	12342
20°	19937	24150	19937	10726
25°	19302	20747	19390	9593
30°	18256	16309	18604	8689
35°	17330	11278	17620	7951
40°	16266	8515	16450	7360
45°	14952	6997	15196	6725
50°	13817	6141	13841	6156
55°	12524	5233	12604	5539
60°	11143	4370	11297	4833
65°	9908	3554	10089	4127
70°	8679	2790	8900	3329
75°	7283	2025	7569	2414
80°	5684	1282	6092	1434
85°	3729	647	4026	477

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 157.5°

Vertical Angle: 45°

Luminance: 21656 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	126.1	1.6
10°-20°	366.9	4.7
20°-30°	532.5	6.8
30°-40°	561.3	7.2
40°-50°	496.7	6.3
50°-60°	396.6	5.1
60°-70°	269.4	3.4
70°-80°	137.8	1.8
80°-90°	35.5	0.5
90°-100°	55.3	0.7
100°-110°	206.1	2.6
110°-120°	546.7	7.0
120°-130°	906.7	11.6
130°-140°	963.1	12.3
140°-150°	895.1	11.4
150°-160°	719.6	9.2
160°-170°	463.7	5.9
170°-180°	159.6	2.0
0°-30°	1025.5	13.1
0°-40°	1586.8	20.2
0°-60°	2480.2	31.6
0°-90°	2923.0	37.3
90°-120°	808.1	10.3
90°-150°	3573.1	45.6
90°-180°	4916.0	62.7
0°-180°	7839.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1324	1324	1324	1324	1324	
5°	1324	1478	1330	1176	1324	126
15°	1244	1817	1261	872	1244	351
25°	1118	1514	1123	700	1118	511
35°	912	824	928	581	912	571
45°	685	496	696	477	685	531
55°	470	349	473	369	470	419
65°	279	215	284	249	279	277
75°	130	106	135	126	130	140
85°	26	28	28	20	26	31
90°	1	33	1	33	1	6
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°	1323.5	1323.5	1323.5	1323.5	1323.5	1323.5	1323.5	1323.5	1323.5	1323.5	1323.5
2.5°	1330.6	1333.7	1338.7	1339.8	1349.9	1358.1	1367.2	1367.2	1370.3	1369.3	1361.1
5°	1324.5	1333.7	1346.9	1358.1	1376.4	1384.5	1396.7	1405.9	1414.0	1420.1	1419.1
7.5°	1314.3	1330.6	1349.9	1371.3	1395.7	1409.9	1427.2	1443.5	1454.7	1464.9	1472.0
10°	1297.0	1324.5	1350.9	1379.4	1411.0	1430.3	1450.6	1472.0	1489.3	1508.6	1526.9
12.5°	1273.6	1313.3	1345.9	1383.5	1422.2	1443.5	1476.1	1492.3	1525.9	1574.7	1588.0
15°	1244.1	1298.0	1328.6	1376.4	1427.2	1444.5	1489.3	1515.7	1584.9	1615.4	1652.1
17.5°	1216.7	1276.7	1317.4	1372.3	1422.2	1455.7	1499.5	1553.4	1611.4	1655.1	1695.8
20°	1194.3	1252.3	1301.1	1362.1	1425.2	1467.9	1513.7	1578.8	1641.9	1686.6	1718.2
22.5°	1143.4	1217.7	1274.7	1342.8	1419.1	1478.1	1521.8	1593.1	1661.2	1688.7	1716.1
25°	1118.0	1182.1	1248.2	1325.5	1415.0	1485.2	1522.9	1602.2	1662.2	1672.4	1678.5
27.5°	1071.2	1143.4	1220.7	1309.2	1414.0	1473.0	1520.8	1593.1	1640.9	1633.8	1615.4
30°	1013.2	1101.7	1187.2	1282.8	1399.8	1463.9	1508.6	1574.7	1599.2	1562.5	1530.0
32.5°	970.5	1053.9	1148.5	1259.4	1383.5	1444.5	1488.3	1540.2	1545.2	1479.1	1424.2
35°	912.5	1005.1	1111.9	1228.9	1356.0	1411.0	1451.7	1483.2	1458.8	1366.2	1301.1
37.5°	860.6	952.2	1066.1	1185.1	1318.4	1372.3	1404.9	1409.9	1349.9	1268.5	1172.9
40°	803.7	898.3	1017.3	1142.4	1276.7	1323.5	1343.8	1328.6	1242.1	1147.5	1036.6
42.5°	746.7	840.3	968.4	1096.6	1223.8	1263.5	1271.6	1229.9	1124.1	1013.2	885.0
45°	684.6	782.3	910.5	1039.7	1162.7	1185.1	1186.1	1126.1	1001.0	885.0	766.0
47.5°	633.8	724.3	851.5	980.7	1084.4	1099.7	1093.6	1024.4	888.1	757.9	654.1
50°	577.8	664.3	790.4	917.6	1006.1	1010.2	994.9	896.2	763.0	643.9	561.5
52.5°	517.8	605.3	721.3	843.3	922.7	916.6	887.1	781.3	656.1	557.5	494.4
55°	470.0	547.3	656.1	775.2	831.1	813.8	781.3	673.4	574.8	491.3	436.4
57.5°	417.1	485.2	592.1	695.8	728.4	712.1	679.5	578.8	487.3	424.2	387.6
60°	367.2	429.3	522.9	609.4	634.8	617.5	579.8	489.3	423.2	370.3	342.8
62.5°	321.5	375.4	453.7	533.1	543.2	525.9	493.4	420.1	363.2	321.5	301.1
65°	278.7	329.6	392.7	452.7	461.8	443.5	410.0	357.1	309.3	282.8	263.5
67.5°	237.0	277.7	333.7	377.4	382.5	365.2	337.7	295.0	265.5	237.0	222.8
70°	200.4	230.9	274.7	310.3	312.3	296.0	281.8	243.1	220.7	200.4	189.2
72.5°	164.8	186.2	219.7	246.2	247.2	237.0	223.8	199.4	180.1	165.8	154.6
75°	130.2	148.5	168.9	192.3	191.2	183.1	172.9	157.7	141.4	132.2	127.2
77.5°	99.7	110.9	127.2	142.4	142.4	138.3	132.2	121.1	110.9	101.7	96.6
80°	71.2	78.3	91.6	96.6	98.7	97.7	92.6	84.4	80.4	73.2	71.2
82.5°	45.8	50.9	57.0	62.1	65.1	63.1	62.1	58.0	51.9	49.8	47.8
85°	26.4	28.5	31.5	34.6	35.6	34.6	36.6	33.6	30.5	30.5	29.5
87.5°	11.2	12.2	14.2	14.2	15.3	15.3	14.2	15.3	15.3	14.2	13.2
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°	1323.5	1323.5	1323.5	1323.5	1323.5	1323.5	1323.5	1323.5	1323.5	1323.5	1323.5
2.5°	1375.4	1376.4	1378.4	1388.6	1393.7	1394.7	1390.6	1399.8	1402.8	1399.8	1397.7
5°	1440.5	1446.6	1458.8	1472.0	1471.0	1472.0	1478.1	1484.2	1486.2	1478.1	1481.2
7.5°	1497.4	1509.6	1522.9	1543.2	1543.2	1553.4	1557.5	1562.5	1574.7	1568.6	1566.6
10°	1562.5	1578.8	1603.2	1635.8	1636.8	1647.0	1657.1	1673.4	1678.5	1674.4	1676.5
12.5°	1643.9	1675.5	1677.5	1713.1	1729.4	1731.4	1747.7	1744.6	1754.8	1754.8	1772.1
15°	1679.5	1728.4	1755.8	1790.4	1800.6	1788.4	1801.6	1815.8	1816.9	1816.9	1815.8
17.5°	1743.6	1762.9	1790.4	1808.7	1812.8	1812.8	1813.8	1819.9	1815.8	1807.7	1813.8
20°	1756.8	1765.0	1775.2	1773.1	1775.2	1765.0	1754.8	1744.6	1745.7	1740.6	1755.8
22.5°	1732.4	1730.4	1707.0	1691.7	1691.7	1671.4	1652.1	1642.9	1633.8	1636.8	1641.9
25°	1671.4	1639.9	1611.4	1589.0	1583.9	1551.4	1524.9	1516.8	1501.5	1513.7	1515.7
27.5°	1573.7	1538.1	1492.3	1473.0	1446.6	1433.3	1415.0	1390.6	1359.1	1377.4	1374.3
30°	1469.0	1416.1	1378.4	1331.6	1289.9	1286.9	1252.3	1211.6	1195.3	1195.3	1204.5
32.5°	1352.0	1281.8	1226.8	1160.7	1120.0	1102.7	1061.0	1020.3	1029.5	999.0	1010.2
35°	1215.6	1123.1	1053.9	989.8	959.3	938.9	885.0	862.7	838.2	824.0	850.4
37.5°	1085.4	978.6	890.1	819.9	808.7	772.1	735.5	721.3	707.0	713.1	712.1
40°	926.7	832.1	752.8	697.9	678.5	661.2	636.8	619.5	610.4	615.5	616.5
42.5°	783.3	704.0	645.0	606.3	590.0	577.8	565.6	551.4	548.3	548.3	552.4
45°	672.4	607.3	567.6	536.1	527.0	517.8	508.6	502.5	500.5	496.4	499.5
47.5°	583.9	532.0	507.6	484.2	474.1	472.0	463.9	460.8	456.8	455.7	456.8
50°	509.7	477.1	454.7	441.5	434.4	431.3	427.3	421.2	419.1	424.2	422.2
52.5°	457.8	427.3	415.0	401.8	397.8	393.7	387.6	388.6	387.6	385.5	385.5
55°	405.9	386.6	374.4	364.2	363.2	359.1	354.0	352.0	351.0	348.9	352.0
57.5°	364.2	348.9	337.7	328.6	324.5	324.5	319.4	315.4	315.4	314.3	315.4
60°	322.5	307.2	300.1	290.9	287.9	286.9	283.8	281.8	278.7	278.7	278.7
62.5°	283.8	271.6	263.5	255.3	256.4	251.3	247.2	245.2	245.2	246.2	246.2
65°	247.2	239.1	228.9	221.8	219.7	218.7	216.7	215.7	212.6	214.6	214.6
67.5°	213.6	202.4	196.3	193.3	190.2	189.2	187.2	185.1	184.1	183.1	185.1
70°	180.1	170.9	165.8	163.8	160.7	159.7	158.7	155.6	156.7	157.7	158.7
72.5°	149.5	141.4	140.4	134.3	134.3	134.3	130.2	132.2	131.2	129.2	131.2
75°	118.0	113.9	111.9	108.8	109.9	108.8	107.8	104.8	104.8	105.8	106.8
77.5°	93.6	89.5	88.5	85.5	83.4	85.5	83.4	82.4	82.4	83.4	83.4
80°	69.2	67.1	64.1	64.1	64.1	63.1	63.1	63.1	62.1	61.0	62.1
82.5°	45.8	45.8	44.8	43.7	44.8	42.7	43.7	43.7	43.7	43.7	43.7
85°	29.5	28.5	28.5	27.5	27.5	27.5	28.5	26.4	26.4	27.5	27.5
87.5°	13.2	13.2	13.2	14.2	13.2	13.2	13.2	14.2	13.2	13.2	13.2
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: P1029600

CATALOG NUMBER: S122DIW-B675D1240UB2750-4F0-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: P1029600

CATALOG NUMBER: S122DIW-B675D1240UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	1323.5	1323.5	1323.5	1323.5	1323.5	1323.5	1323.5	1323.5	1323.5	1323.5	1323.5
2.5°	1402.8	1395.7	1389.6	1390.6	1395.7	1391.6	1381.5	1368.2	1363.2	1357.1	1363.2
5°	1487.3	1481.2	1469.0	1470.0	1466.9	1462.8	1446.6	1426.2	1426.2	1409.9	1407.9
7.5°	1570.7	1561.5	1553.4	1551.4	1540.2	1532.0	1517.8	1489.3	1478.1	1458.8	1447.6
10°	1664.3	1657.1	1648.0	1636.8	1630.7	1616.5	1593.1	1551.4	1531.0	1504.6	1485.2
12.5°	1758.9	1757.9	1737.5	1715.1	1714.1	1691.7	1675.5	1619.5	1592.0	1556.4	1510.7
15°	1818.9	1813.8	1802.6	1791.4	1794.5	1770.1	1733.4	1667.3	1649.0	1606.3	1557.5
17.5°	1817.9	1817.9	1814.8	1812.8	1809.7	1802.6	1782.3	1738.5	1709.0	1655.1	1609.3
20°	1759.9	1773.1	1776.2	1775.2	1785.3	1790.4	1789.4	1761.9	1738.5	1690.7	1643.9
22.5°	1643.9	1674.4	1687.7	1695.8	1717.2	1728.4	1754.8	1744.6	1738.5	1702.9	1663.3
25°	1536.1	1546.3	1585.9	1588.0	1617.5	1644.9	1671.4	1688.7	1711.1	1697.8	1664.3
27.5°	1396.7	1420.1	1448.6	1470.0	1476.1	1532.0	1575.8	1608.3	1659.2	1663.3	1652.1
30°	1239.0	1250.2	1297.0	1325.5	1358.1	1398.8	1461.8	1517.8	1563.6	1605.3	1619.5
32.5°	1046.8	1092.6	1120.0	1154.6	1183.1	1255.3	1332.6	1404.9	1457.8	1528.0	1558.5
35°	870.8	906.4	953.2	967.4	1019.3	1080.4	1181.1	1273.6	1354.0	1425.2	1487.3
37.5°	725.3	753.8	803.7	826.0	856.5	934.9	1019.3	1134.3	1230.9	1318.4	1395.7
40°	625.6	647.0	684.6	691.7	717.2	788.4	856.5	964.4	1092.6	1210.6	1295.0
42.5°	557.5	567.6	593.1	602.2	618.5	666.3	727.4	829.1	948.1	1070.2	1189.2
45°	508.6	515.8	531.0	539.2	559.5	580.9	630.7	712.1	805.7	928.8	1057.0
47.5°	464.9	474.1	480.2	485.2	496.4	519.8	552.4	612.4	701.9	814.8	938.9
50°	428.3	431.3	442.5	443.5	450.7	465.9	496.4	533.1	604.3	695.8	815.9
52.5°	391.7	394.7	401.8	408.9	412.0	424.2	444.6	475.1	528.0	600.2	707.0
55°	355.0	359.1	366.2	371.3	374.4	384.5	396.7	426.2	467.9	518.8	606.3
57.5°	318.4	327.6	329.6	332.7	337.7	348.9	360.1	377.4	410.0	456.8	520.8
60°	283.8	286.9	294.0	297.0	302.1	308.2	322.5	335.7	359.1	395.7	453.7
62.5°	248.2	255.3	258.4	261.4	265.5	272.6	281.8	296.0	316.4	345.9	391.7
65°	217.7	218.7	224.8	228.9	233.0	238.0	247.2	260.4	272.6	300.1	333.7
67.5°	188.2	190.2	192.3	196.3	201.4	206.5	214.6	221.8	237.0	255.3	281.8
70°	159.7	159.7	164.8	167.9	166.8	172.9	179.0	187.2	198.4	215.7	237.0
72.5°	134.3	133.3	137.3	138.3	140.4	144.5	148.5	156.7	162.8	176.0	192.3
75°	106.8	108.8	110.9	110.9	113.9	117.0	121.1	125.1	132.2	140.4	152.6
77.5°	84.4	84.4	86.5	87.5	90.5	89.5	93.6	97.7	102.7	109.9	119.0
80°	62.1	64.1	64.1	64.1	65.1	66.1	70.2	73.2	76.3	81.4	85.5
82.5°	43.7	43.7	45.8	45.8	45.8	47.8	47.8	48.8	50.9	53.9	57.0
85°	27.5	27.5	27.5	28.5	27.5	28.5	30.5	29.5	30.5	32.6	32.6
87.5°	13.2	13.2	13.2	13.2	13.2	14.2	13.2	14.2	15.3	15.3	15.3
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



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CATALOG NUMBER: S122DIW-B675D1240UB2750-4F0-XX-W2A-A_2700K

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: P1029600

CATALOG NUMBER: S122DIW-B675D1240UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
0°	1323.5	1323.5	1323.5	1323.5	1323.5	1323.5	1323.5	1323.5	1323.5	1323.5	1323.5
2.5°	1358.1	1353.0	1349.9	1352.0	1345.9	1330.6	1330.6	1335.7	1329.6	1323.5	1314.3
5°	1395.7	1385.5	1379.4	1378.4	1364.2	1339.8	1334.7	1329.6	1316.4	1302.1	1286.9
7.5°	1432.3	1414.0	1403.8	1396.7	1376.4	1344.8	1331.6	1320.4	1299.1	1277.7	1258.4
10°	1462.8	1436.4	1424.2	1413.0	1386.6	1346.9	1325.5	1305.2	1277.7	1250.2	1225.8
12.5°	1487.3	1456.7	1441.5	1425.2	1392.7	1340.8	1314.3	1281.8	1254.3	1217.7	1193.3
15°	1528.0	1464.9	1450.6	1435.4	1401.8	1330.6	1298.0	1261.4	1223.8	1175.0	1148.5
17.5°	1560.5	1476.1	1475.1	1442.5	1398.8	1326.5	1276.7	1228.9	1188.2	1139.4	1097.6
20°	1579.8	1493.4	1477.1	1443.5	1388.6	1299.1	1247.2	1194.3	1150.5	1091.5	1049.8
22.5°	1596.1	1517.8	1475.1	1434.4	1367.2	1289.9	1213.6	1163.8	1103.7	1039.7	1000.0
25°	1602.2	1522.9	1478.1	1431.3	1352.0	1263.5	1177.0	1123.1	1055.9	998.0	944.0
27.5°	1603.2	1521.8	1466.9	1418.1	1330.6	1228.9	1140.4	1083.4	1009.1	942.0	888.1
30°	1593.1	1510.7	1460.8	1407.9	1310.3	1197.3	1095.6	1032.5	953.2	886.1	830.1
32.5°	1562.5	1488.3	1447.6	1389.6	1283.8	1153.6	1052.9	982.7	899.3	833.2	779.2
35°	1511.7	1460.8	1416.1	1362.1	1249.2	1112.9	1010.2	927.8	843.3	780.3	729.4
37.5°	1448.6	1421.1	1379.4	1326.5	1209.5	1076.3	962.3	870.8	786.4	725.3	675.5
40°	1363.2	1370.3	1329.6	1281.8	1162.7	1026.4	900.3	812.8	733.5	676.5	627.7
42.5°	1270.6	1300.1	1276.7	1230.9	1110.9	971.5	854.5	757.9	680.6	621.6	580.9
45°	1170.9	1221.8	1207.5	1173.9	1057.0	913.5	789.4	695.8	627.7	570.7	535.1
47.5°	1062.0	1134.3	1134.3	1109.9	996.9	855.5	733.5	637.8	570.7	530.0	495.4
50°	951.2	1032.5	1045.8	1029.5	929.8	789.4	665.3	578.8	520.8	481.2	455.7
52.5°	835.2	929.8	954.2	946.1	858.6	726.3	609.4	524.9	472.0	437.4	415.0
55°	724.3	834.2	860.6	863.7	782.3	657.2	547.3	473.0	422.2	398.8	379.4
57.5°	619.5	725.3	754.8	759.9	705.0	594.1	489.3	424.2	378.4	359.1	343.8
60°	530.0	618.5	657.2	668.4	620.5	520.8	435.4	372.3	337.7	319.4	305.2
62.5°	456.8	528.0	568.7	571.7	550.3	456.8	379.4	326.5	297.0	280.8	273.6
65°	385.5	449.6	474.1	486.3	469.0	395.7	327.6	283.8	260.4	246.2	239.1
67.5°	328.6	369.3	389.6	405.9	388.6	333.7	278.7	243.1	225.8	211.6	207.5
70°	269.6	303.1	318.4	334.7	319.4	277.7	238.0	205.5	190.2	179.0	174.0
72.5°	215.7	242.1	256.4	266.5	257.4	222.8	190.2	167.9	156.7	148.5	145.5
75°	170.9	189.2	197.4	204.5	200.4	174.0	153.6	135.3	125.1	118.0	116.0
77.5°	130.2	143.4	152.6	154.6	149.5	132.2	115.0	103.8	95.6	91.6	89.5
80°	92.6	100.7	105.8	108.8	103.8	96.6	84.4	76.3	69.2	64.1	63.1
82.5°	62.1	66.1	70.2	69.2	67.1	61.0	53.9	49.8	46.8	42.7	42.7
85°	35.6	36.6	38.7	39.7	38.7	34.6	30.5	28.5	26.4	23.4	23.4
87.5°	15.3	16.3	16.3	17.3	15.3	15.3	13.2	11.2	11.2	10.2	9.2
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: P1029600

CATALOG NUMBER: S122DIW-B675D1240UB2750-4F0-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

TEST NUMBER: P1029600

CATALOG NUMBER: S122DIW-B675D1240UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
0°	1323.5	1323.5	1323.5	1323.5	1323.5	1323.5	1323.5	1323.5	1323.5	1323.5	1323.5
2.5°	1309.2	1314.3	1313.3	1303.1	1291.9	1282.8	1265.5	1267.5	1261.4	1262.4	1268.5
5°	1276.7	1276.7	1272.6	1258.4	1240.1	1229.9	1210.6	1205.5	1193.3	1192.3	1191.2
7.5°	1242.1	1237.0	1231.9	1211.6	1189.2	1172.9	1146.5	1140.4	1128.2	1120.0	1116.0
10°	1201.4	1194.3	1184.1	1160.7	1133.2	1112.9	1085.4	1077.3	1053.9	1043.7	1037.6
12.5°	1156.6	1152.6	1136.3	1117.0	1072.2	1049.8	1010.2	1018.3	994.9	974.6	971.5
15°	1111.9	1096.6	1087.5	1055.9	1002.0	991.8	960.3	944.0	922.7	906.4	906.4
17.5°	1068.1	1044.7	1024.4	990.8	951.2	922.7	899.3	891.1	864.7	848.4	845.4
20°	1010.2	983.7	978.6	930.8	903.3	871.8	849.4	829.1	809.8	802.6	797.5
22.5°	955.2	924.7	916.6	875.9	848.4	816.9	794.5	780.3	766.0	760.9	751.8
25°	896.2	877.9	865.7	822.0	791.4	761.9	746.7	736.5	723.3	722.3	716.2
27.5°	839.3	822.0	809.8	768.0	745.7	718.2	706.0	694.8	687.7	684.6	681.6
30°	790.4	771.1	756.9	726.3	698.9	676.5	666.3	659.2	655.1	650.0	649.0
32.5°	736.5	725.3	706.0	682.6	661.2	639.9	633.8	628.7	622.6	620.5	619.5
35°	690.7	675.5	663.3	636.8	627.7	609.4	602.2	598.2	590.0	588.0	586.0
37.5°	646.0	631.7	618.5	602.2	584.9	574.8	570.7	564.6	560.5	561.5	559.5
40°	601.2	590.0	579.8	562.6	552.4	547.3	539.2	533.1	531.0	532.0	531.0
42.5°	557.5	547.3	541.2	528.0	517.8	512.7	507.6	501.5	504.6	504.6	507.6
45°	517.8	508.6	504.6	494.4	488.3	480.2	475.1	474.1	478.1	477.1	477.1
47.5°	477.1	474.1	469.0	459.8	451.7	446.6	445.6	445.6	449.6	451.7	450.7
50°	445.6	439.5	433.4	426.2	420.1	418.1	415.0	417.1	421.2	421.2	423.2
52.5°	405.9	401.8	399.8	393.7	389.6	389.6	389.6	390.6	393.7	396.7	395.7
55°	371.3	368.3	366.2	363.2	358.1	359.1	358.1	360.1	363.2	366.2	368.3
57.5°	334.7	333.7	331.6	326.5	326.5	325.5	328.6	329.6	334.7	336.7	339.8
60°	302.1	299.1	299.1	295.0	295.0	295.0	298.1	301.1	305.2	306.2	308.2
62.5°	267.5	267.5	266.5	263.5	263.5	266.5	267.5	271.6	273.6	273.6	276.7
65°	235.0	234.0	233.0	234.0	235.0	235.0	238.0	240.1	242.1	243.1	244.1
67.5°	202.4	201.4	203.5	202.4	204.5	208.5	207.5	210.6	213.6	213.6	214.6
70°	171.9	174.0	172.9	175.0	174.0	176.0	179.0	180.1	180.1	181.1	184.1
72.5°	143.4	143.4	143.4	142.4	143.4	145.5	147.5	148.5	150.6	151.6	154.6
75°	116.0	116.0	113.9	116.0	116.0	118.0	120.0	120.0	120.0	122.1	125.1
77.5°	87.5	88.5	87.5	89.5	89.5	90.5	92.6	91.6	93.6	94.6	95.6
80°	64.1	63.1	63.1	63.1	64.1	64.1	66.1	67.1	67.1	70.2	68.2
82.5°	40.7	41.7	40.7	41.7	41.7	42.7	41.7	42.7	43.7	45.8	44.8
85°	23.4	22.4	22.4	23.4	22.4	22.4	23.4	22.4	23.4	22.4	23.4
87.5°	9.2	8.1	8.1	8.1	8.1	7.1	7.1	6.1	6.1	6.1	5.1
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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CATALOG NUMBER: S122DIW-B675D1240UB2750-4F0-XX-W2A-A_2700K

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: P1029600

CATALOG NUMBER: S122DIW-B675D1240UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
0°	1323.5	1323.5	1323.5	1323.5	1323.5	1323.5	1323.5	1323.5	1323.5	1323.5	1323.5
2.5°	1261.4	1264.5	1257.4	1255.3	1257.4	1250.2	1252.3	1254.3	1254.3	1257.4	1259.4
5°	1188.2	1184.1	1177.0	1175.0	1172.9	1176.0	1173.9	1177.0	1178.0	1185.1	1186.1
7.5°	1116.0	1109.9	1103.7	1097.6	1095.6	1090.5	1095.6	1095.6	1102.7	1100.7	1105.8
10°	1030.5	1029.5	1021.3	1018.3	1014.2	1006.1	1017.3	1014.2	1019.3	1028.5	1030.5
12.5°	967.4	956.2	961.3	947.1	952.2	944.0	945.1	945.1	953.2	954.2	952.2
15°	907.4	898.3	885.0	878.9	875.9	871.8	885.0	886.1	879.9	894.2	889.1
17.5°	846.4	846.4	834.2	831.1	823.0	827.0	825.0	826.0	824.0	834.2	839.3
20°	793.5	788.4	784.3	785.3	775.2	773.1	771.1	773.1	780.3	787.4	789.4
22.5°	750.8	747.7	737.5	739.6	731.4	734.5	732.4	737.5	738.5	738.5	745.7
25°	710.1	706.0	707.0	702.9	699.9	699.9	696.8	699.9	704.0	706.0	707.0
27.5°	679.5	676.5	671.4	668.4	670.4	665.3	669.4	672.4	672.4	670.4	672.4
30°	642.9	645.0	645.0	634.8	638.9	636.8	639.9	641.9	641.9	642.9	640.9
32.5°	618.5	612.4	611.4	610.4	610.4	606.3	606.3	609.4	610.4	611.4	614.4
35°	586.0	586.0	580.9	583.9	579.8	580.9	579.8	580.9	582.9	579.8	582.9
37.5°	556.5	557.5	555.4	557.5	558.5	556.5	554.4	558.5	556.5	556.5	554.4
40°	531.0	530.0	531.0	531.0	531.0	532.0	530.0	530.0	530.0	528.0	525.9
42.5°	509.7	503.6	505.6	506.6	503.6	503.6	504.6	503.6	506.6	500.5	500.5
45°	479.1	477.1	478.1	478.1	480.2	477.1	479.1	480.2	477.1	476.1	474.1
47.5°	451.7	453.7	451.7	453.7	453.7	455.7	451.7	452.7	453.7	449.6	446.6
50°	424.2	424.2	427.3	426.2	427.3	425.2	425.2	424.2	425.2	423.2	420.1
52.5°	398.8	395.7	400.8	399.8	398.8	397.8	396.7	397.8	395.7	393.7	393.7
55°	367.2	367.2	370.3	371.3	371.3	369.3	367.2	368.3	367.2	366.2	365.2
57.5°	341.8	337.7	339.8	340.8	340.8	337.7	339.8	337.7	337.7	338.8	335.7
60°	309.3	309.3	307.2	310.3	310.3	308.2	308.2	309.3	307.2	306.2	305.2
62.5°	274.7	275.7	278.7	279.8	280.8	278.7	276.7	277.7	277.7	274.7	275.7
65°	245.2	247.2	251.3	250.3	248.2	249.2	247.2	248.2	245.2	246.2	243.1
67.5°	216.7	215.7	216.7	216.7	218.7	217.7	215.7	215.7	214.6	217.7	214.6
70°	186.2	186.2	186.2	186.2	187.2	188.2	186.2	184.1	185.1	183.1	182.1
72.5°	154.6	155.6	154.6	156.7	153.6	155.6	155.6	154.6	153.6	153.6	153.6
75°	125.1	127.2	124.1	125.1	124.1	126.1	125.1	125.1	123.1	122.1	123.1
77.5°	95.6	96.6	94.6	95.6	94.6	95.6	95.6	94.6	94.6	94.6	94.6
80°	68.2	69.2	68.2	67.1	66.1	68.2	66.1	67.1	68.2	67.1	69.2
82.5°	43.7	43.7	42.7	43.7	41.7	41.7	42.7	42.7	41.7	43.7	41.7
85°	21.4	21.4	23.4	21.4	20.3	20.3	20.3	21.4	20.3	22.4	21.4
87.5°	5.1	4.1	5.1	5.1	4.1	4.1	5.1	4.1	5.1	6.1	4.1
90°	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

TEST NUMBER: P1029600

CATALOG NUMBER: S122DIW-B675D1240UB2750-4F0-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

TEST NUMBER: P1029600

CATALOG NUMBER: S122DIW-B675D1240UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
0°	1323.5	1323.5	1323.5	1323.5	1323.5	1323.5	1323.5	1323.5	1323.5	1323.5	1323.5
2.5°	1256.3	1264.5	1261.4	1250.2	1263.5	1263.5	1272.6	1272.6	1283.8	1287.9	1294.0
5°	1185.1	1191.2	1196.3	1191.2	1200.4	1214.6	1222.8	1229.9	1245.1	1251.3	1260.4
7.5°	1108.8	1120.0	1125.1	1125.1	1140.4	1156.6	1172.9	1183.1	1204.5	1212.6	1221.8
10°	1034.6	1047.8	1058.0	1057.0	1082.4	1092.6	1112.9	1136.3	1157.7	1169.9	1183.1
12.5°	956.2	963.4	977.6	998.0	1004.1	1022.4	1045.8	1075.3	1113.9	1125.1	1144.4
15°	891.1	910.5	921.7	930.8	945.1	962.3	987.8	1016.3	1054.9	1079.3	1099.7
17.5°	836.2	861.6	868.8	866.7	885.0	911.5	941.0	962.3	996.9	1026.4	1045.8
20°	791.4	801.6	813.8	818.9	833.2	861.6	890.1	914.5	943.0	966.4	988.8
22.5°	746.7	754.8	765.0	774.1	785.3	801.6	829.1	859.6	887.1	909.4	934.9
25°	710.1	715.1	724.3	731.4	743.6	754.8	774.1	807.7	840.3	853.5	875.9
27.5°	674.5	678.5	684.6	692.8	698.9	710.1	727.4	754.8	788.4	801.6	832.1
30°	642.9	646.0	652.1	656.1	659.2	672.4	685.6	707.0	732.4	750.8	773.1
32.5°	613.4	616.5	622.6	623.6	627.7	634.8	647.0	666.3	688.7	704.0	723.3
35°	580.9	582.9	589.0	591.0	594.1	600.2	609.4	623.6	643.9	655.1	672.4
37.5°	555.4	554.4	558.5	561.5	565.6	568.7	571.7	586.0	601.2	611.4	624.6
40°	528.0	525.9	527.0	531.0	533.1	537.1	537.1	551.4	561.5	569.7	579.8
42.5°	500.5	499.5	497.4	499.5	501.5	502.5	503.6	513.7	523.9	531.0	542.2
45°	473.0	472.0	470.0	471.0	471.0	473.0	476.1	480.2	487.3	493.4	499.5
47.5°	447.6	445.6	442.5	441.5	443.5	443.5	443.5	447.6	454.7	456.8	462.9
50°	421.2	418.1	414.0	412.0	412.0	411.0	413.0	414.0	420.1	422.2	427.3
52.5°	392.7	390.6	386.6	382.5	383.5	381.5	382.5	383.5	385.5	388.6	391.7
55°	364.2	360.1	357.1	356.0	353.0	353.0	349.9	354.0	353.0	354.0	358.1
57.5°	336.7	332.7	327.6	325.5	322.5	321.5	319.4	318.4	319.4	322.5	325.5
60°	304.2	302.1	299.1	296.0	294.0	290.9	288.9	288.9	287.9	287.9	288.9
62.5°	272.6	271.6	267.5	266.5	264.5	262.5	259.4	257.4	257.4	259.4	260.4
65°	242.1	241.1	238.0	237.0	231.9	229.9	228.9	227.9	225.8	225.8	225.8
67.5°	213.6	210.6	210.6	205.5	201.4	199.4	197.4	196.3	196.3	196.3	197.4
70°	182.1	182.1	179.0	176.0	171.9	172.9	169.9	166.8	166.8	164.8	165.8
72.5°	151.6	150.6	147.5	146.5	143.4	140.4	138.3	140.4	137.3	136.3	137.3
75°	122.1	121.1	119.0	117.0	118.0	115.0	111.9	110.9	110.9	108.8	108.8
77.5°	93.6	95.6	91.6	90.5	88.5	86.5	85.5	84.4	84.4	84.4	86.5
80°	65.1	66.1	66.1	64.1	65.1	62.1	62.1	62.1	59.0	60.0	61.0
82.5°	41.7	41.7	40.7	41.7	40.7	40.7	39.7	39.7	38.7	38.7	39.7
85°	23.4	22.4	21.4	23.4	22.4	22.4	21.4	21.4	21.4	21.4	21.4
87.5°	5.1	6.1	6.1	6.1	6.1	7.1	7.1	7.1	8.1	8.1	8.1
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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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°	1323.5	1323.5	1323.5	1323.5
2.5°	1299.1	1299.1	1314.3	1330.6
5°	1270.6	1277.7	1302.1	1324.5
7.5°	1243.1	1255.3	1285.8	1314.3
10°	1209.5	1225.8	1263.5	1297.0
12.5°	1177.0	1192.3	1236.0	1273.6
15°	1131.2	1150.5	1197.3	1244.1
17.5°	1085.4	1104.8	1161.7	1216.7
20°	1031.5	1057.0	1121.0	1194.3
22.5°	981.7	1013.2	1084.4	1143.4
25°	926.7	975.6	1041.7	1118.0
27.5°	877.9	926.7	993.9	1071.2
30°	823.0	872.8	942.0	1013.2
32.5°	770.1	815.9	883.0	970.5
35°	715.1	758.9	824.0	912.5
37.5°	665.3	708.0	779.2	860.6
40°	616.5	661.2	722.3	803.7
42.5°	570.7	610.4	665.3	746.7
45°	529.0	557.5	608.3	684.6
47.5°	485.2	510.7	557.5	633.8
50°	444.6	465.9	506.6	577.8
52.5°	404.9	423.2	460.8	517.8
55°	369.3	386.6	414.0	470.0
57.5°	332.7	345.9	372.3	417.1
60°	297.0	309.3	330.6	367.2
62.5°	261.4	271.6	292.0	321.5
65°	229.9	238.0	253.3	278.7
67.5°	199.4	204.5	216.7	237.0
70°	169.9	174.0	184.1	200.4
72.5°	138.3	142.4	153.6	164.8
75°	111.9	112.9	121.1	130.2
77.5°	87.5	86.5	92.6	99.7
80°	60.0	63.1	68.2	71.2
82.5°	40.7	41.7	43.7	45.8
85°	22.4	23.4	23.4	26.4
87.5°	9.2	10.2	10.2	11.2
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: P1029600

CATALOG NUMBER: S122DIW-B675D1240UB2750-4F0-XX-W2A-A_2700K

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)