

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: P1029604

Luminaire Tested: S122DIW-B675D1240UB2750-4F0-XX-W2A-A_5000K

Issue Date: 5/6/2025

Test Information

Test Method: LM-79-2019
Report Number: P1029604
REPORT IS A COMBINATION OF REPORTS P986391 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_5000K
Description: Define 2 Direct/Indirect Wall Mount with 5000K BioUP LEDs {m-DER=1.015} {m-EER=1.115}
Light Source: -
Ballast/Driver: -

Summary

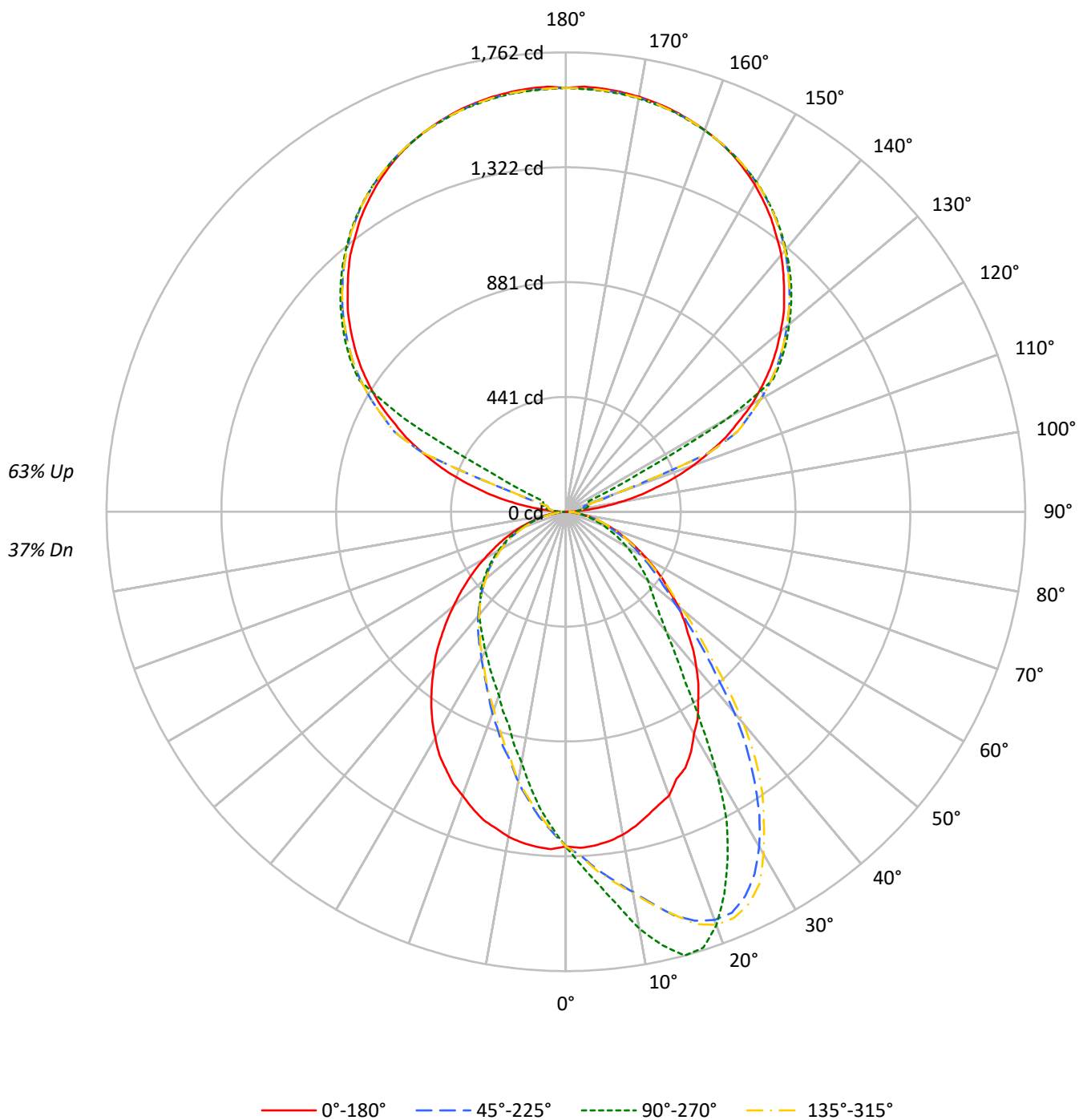
Lumens per Lamp: N/A
Luminaire Lumens: 7602.0 lumens
Efficiency: N/A
Efficacy: 97.5 lumens/watt
Spacing Criteria (0/90/45): 1.16 / 1.09 / 1.23
Luminous Opening: Rectangular w/ Sides (W: 0.17' x L: 4' x H: 0.1')
CIE Type: Semi-Indirect

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

TEST NUMBER: P1029604

CATALOG NUMBER: S122DIW-B675D1240UB2750-4F0-XX-W2A-A_5000K

Luminous Intensity Polar Plot



TEST NUMBER: P1029604

CATALOG NUMBER: S122DIW-B675D1240UB2750-4F0-XX-W2A-A_5000K

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	50	30	10
RCR																				
0	104	104	104	104	94	94	94	94	76	76	76	60	60	60	44	44	44			37
1	95	91	88	84	86	83	80	77	67	65	63	53	52	50	40	39	38			32
2	87	80	74	69	79	73	68	64	59	56	53	47	45	43	35	34	33			27
3	80	71	64	58	72	64	58	54	53	48	45	42	39	36	32	30	28			24
4	73	63	55	49	66	57	51	46	47	42	38	37	34	31	29	26	25			21
5	67	56	48	42	61	51	44	39	42	37	33	34	30	27	26	24	22			18
6	62	50	42	37	56	46	39	34	38	33	29	31	27	24	24	21	19			16
7	57	45	38	32	52	42	35	30	35	29	26	28	24	21	22	19	17			14
8	53	41	34	29	48	38	31	27	32	27	23	26	22	19	20	17	16			13
9	49	38	30	26	45	35	28	24	29	24	21	24	20	17	18	16	14			12
10	46	34	28	23	42	32	26	21	27	22	19	22	18	16	17	15	13			11

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	20318	20318	20318	20318
5°	20367	21665	20445	17235
10°	20130	23650	20257	14211
15°	19642	24945	19915	11969
20°	19336	23422	19336	10403
25°	18720	20122	18804	9304
30°	17706	15818	18043	8427
35°	16808	10938	17089	7711
40°	15774	8258	15954	7139
45°	14502	6787	14738	6522
50°	13401	5956	13425	5970
55°	12145	5075	12225	5371
60°	10809	4239	10957	4687
65°	9609	3448	9787	4003
70°	8419	2705	8631	3229
75°	7065	1964	7339	2341
80°	5517	1245	5908	1390
85°	3630	626	3899	463

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 157.5°

Vertical Angle: 45°

Luminance: 21003 cd/sqm

TEST NUMBER: P1029604

CATALOG NUMBER: S122DIW-B675D1240UB2750-4F0-XX-W2A-A_5000K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	122.3	1.6
10°-20°	355.8	4.7
20°-30°	516.4	6.8
30°-40°	544.4	7.2
40°-50°	481.8	6.3
50°-60°	384.7	5.1
60°-70°	261.3	3.4
70°-80°	133.7	1.8
80°-90°	34.4	0.5
90°-100°	53.6	0.7
100°-110°	199.9	2.6
110°-120°	530.1	7.0
120°-130°	879.2	11.6
130°-140°	934.0	12.3
140°-150°	868.0	11.4
150°-160°	697.9	9.2
160°-170°	449.7	5.9
170°-180°	154.8	2.0
0°-30°	994.6	13.1
0°-40°	1539.0	20.2
0°-60°	2405.4	31.6
0°-90°	2834.9	37.3
90°-120°	783.6	10.3
90°-150°	3464.8	45.6
90°-180°	4767.0	62.7
0°-180°	7602.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1284	1284	1284	1284	1284	
5°	1285	1434	1290	1140	1285	122
15°	1207	1762	1223	846	1207	341
25°	1084	1468	1089	679	1084	496
35°	885	799	900	563	885	554
45°	664	482	675	463	664	515
55°	456	338	459	358	456	407
65°	270	208	275	242	270	269
75°	126	103	131	122	126	136
85°	26	27	28	20	26	30
90°	1	32	1	32	1	6
95°	76	51	76	51	76	91
105°	358	89	358	89	358	382
115°	677	96	677	96	677	666
125°	957	1006	957	1006	957	853
135°	1184	1222	1184	1222	1184	914
145°	1373	1394	1373	1394	1373	859
155°	1512	1513	1512	1513	1512	697
165°	1593	1590	1593	1590	1593	450
175°	1630	1620	1630	1620	1630	155
180°	1626	1626	1626	1626	1626	

TEST NUMBER: P1029604

CATALOG NUMBER: S122DIW-B675D1240UB2750-4F0-XX-W2A-A_5000K

CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	1283.6	1283.6	1283.6	1283.6	1283.6	1283.6	1283.6	1283.6	1283.6	1283.6	1283.6
2.5°	1290.5	1293.5	1298.4	1299.4	1309.2	1317.1	1326.0	1326.0	1329.0	1328.0	1320.1
5°	1284.6	1293.5	1306.3	1317.1	1334.9	1342.8	1354.6	1363.5	1371.4	1377.3	1376.3
7.5°	1274.7	1290.5	1309.2	1330.0	1353.6	1367.5	1384.2	1400.0	1410.9	1420.7	1427.6
10°	1257.9	1284.6	1310.2	1337.9	1368.4	1387.2	1406.9	1427.6	1444.4	1463.2	1480.9
12.5°	1235.2	1273.7	1305.3	1341.8	1379.3	1400.0	1431.6	1447.4	1479.9	1527.3	1540.1
15°	1206.6	1258.9	1288.5	1334.9	1384.2	1401.0	1444.4	1470.1	1537.2	1566.8	1602.3
17.5°	1180.0	1238.2	1277.7	1331.0	1379.3	1411.9	1454.3	1506.6	1562.8	1605.2	1644.7
20°	1158.3	1214.5	1261.9	1321.1	1382.3	1423.7	1468.1	1531.2	1592.4	1635.8	1666.4
22.5°	1109.0	1181.0	1236.2	1302.3	1376.3	1433.6	1476.0	1545.0	1611.2	1637.8	1664.4
25°	1084.3	1146.5	1210.6	1285.6	1372.4	1440.5	1477.0	1553.9	1612.1	1622.0	1627.9
27.5°	1038.9	1109.0	1183.9	1269.8	1371.4	1428.6	1475.0	1545.0	1591.4	1584.5	1566.8
30°	982.7	1068.5	1151.4	1244.1	1357.6	1419.7	1463.2	1527.3	1551.0	1515.5	1483.9
32.5°	941.2	1022.1	1113.9	1221.4	1341.8	1401.0	1443.4	1493.7	1498.7	1434.5	1381.3
35°	885.0	974.8	1078.4	1191.8	1315.2	1368.4	1407.9	1438.5	1414.8	1325.0	1261.9
37.5°	834.7	923.5	1034.0	1149.4	1278.7	1331.0	1362.5	1367.5	1309.2	1230.3	1137.6
40°	779.4	871.2	986.6	1108.0	1238.2	1283.6	1303.3	1288.5	1204.7	1112.9	1005.4
42.5°	724.2	814.9	939.3	1063.6	1186.9	1225.4	1233.3	1192.8	1090.2	982.7	858.4
45°	664.0	758.7	883.0	1008.3	1127.7	1149.4	1150.4	1092.2	970.8	858.4	742.9
47.5°	614.7	702.5	825.8	951.1	1051.7	1066.5	1060.6	993.5	861.3	735.0	634.4
50°	560.4	644.3	766.6	889.9	975.8	979.7	964.9	869.2	740.0	624.5	544.6
52.5°	502.2	587.0	699.5	817.9	894.9	888.9	860.3	757.7	636.4	540.7	479.5
55°	455.8	530.8	636.4	751.8	806.1	789.3	757.7	653.1	557.4	476.5	423.3
57.5°	404.5	470.6	574.2	674.8	706.4	690.6	659.1	561.4	472.6	411.4	375.9
60°	356.2	416.4	507.1	591.0	615.7	598.9	562.4	474.6	410.4	359.1	332.5
62.5°	311.8	364.1	440.0	517.0	526.9	510.1	478.5	407.5	352.2	311.8	292.0
65°	270.3	319.7	380.8	439.0	447.9	430.2	397.6	346.3	299.9	274.3	255.5
67.5°	229.9	269.3	323.6	366.0	371.0	354.2	327.6	286.1	257.5	229.9	216.1
70°	194.4	224.0	266.4	300.9	302.9	287.1	273.3	235.8	214.1	194.4	183.5
72.5°	159.8	180.6	213.1	238.8	239.7	229.9	217.1	193.4	174.6	160.8	150.0
75°	126.3	144.0	163.8	186.5	185.5	177.6	167.7	152.9	137.1	128.3	123.3
77.5°	96.7	107.5	123.3	138.1	138.1	134.2	128.3	117.4	107.5	98.7	93.7
80°	69.1	76.0	88.8	93.7	95.7	94.7	89.8	81.9	77.9	71.0	69.1
82.5°	44.4	49.3	55.3	60.2	63.1	61.2	60.2	56.2	50.3	48.3	46.4
85°	25.7	27.6	30.6	33.5	34.5	33.5	35.5	32.6	29.6	29.6	28.6
87.5°	10.9	11.8	13.8	13.8	14.8	14.8	13.8	14.8	14.8	13.8	12.8
90°	1.2	4.1	6.9	9.8	12.7	14.1	15.1	17.2	19.3	21.4	23.5
92.5°	29.4	28.4	27.3	26.3	25.2	24.7	25.1	25.9	26.6	27.4	28.2
95°	76.5	67.9	59.3	50.6	42.0	37.7	38.6	40.4	42.3	44.1	45.9
97.5°	137.7	116.3	94.8	73.4	51.9	41.2	43.3	47.5	51.6	55.8	60.0
100°	208.3	172.5	136.7	100.8	65.0	47.1	49.3	53.8	58.2	62.7	67.1
102.5°	285.9	285.4	284.9	284.4	283.9	283.6	259.8	212.2	164.6	117.0	69.4
105°	357.7	365.5	373.4	381.2	389.1	393.0	357.3	285.9	214.6	143.2	71.8
107.5°	441.2	447.7	454.3	460.8	467.3	470.6	426.5	338.4	250.3	162.2	74.1
110°	521.2	526.7	532.2	537.7	543.2	546.0	508.2	432.6	357.1	281.5	205.9



TEST NUMBER: P1029604

CATALOG NUMBER: S122DIW-B675D1240UB2750-4F0-XX-W2A-A_5000K

CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	596.5	601.2	605.9	610.6	615.3	617.7	615.5	611.0	606.6	602.1	597.7
115°	676.6	681.0	685.5	689.9	694.4	696.6	699.9	706.4	712.9	719.5	726.0
117.5°	746.0	751.2	756.4	761.7	766.9	769.5	771.7	776.2	780.6	785.1	789.5
120°	823.6	827.5	831.5	835.4	839.3	841.3	843.7	848.4	853.1	857.8	862.5
122.5°	889.5	893.7	897.9	902.1	906.3	908.4	911.0	916.2	921.5	926.7	931.9
125°	956.6	960.0	963.4	966.8	970.2	971.9	974.4	979.3	984.3	989.2	994.2
127.5°	1017.8	1021.5	1025.1	1028.8	1032.5	1034.3	1036.3	1040.2	1044.1	1048.0	1051.9
130°	1075.4	1079.6	1083.8	1088.0	1092.2	1094.3	1095.7	1098.6	1101.5	1104.3	1107.2
132.5°	1134.3	1137.7	1141.1	1144.5	1147.9	1149.6	1151.0	1153.9	1156.8	1159.6	1162.5
135°	1183.7	1187.9	1192.1	1196.2	1200.4	1202.5	1203.7	1206.0	1208.4	1210.7	1213.1
137.5°	1235.5	1238.6	1241.8	1244.9	1248.0	1249.6	1250.9	1253.5	1256.1	1258.7	1261.3
140°	1286.1	1288.2	1290.3	1292.4	1294.5	1295.5	1296.9	1299.8	1302.7	1305.5	1308.4
142.5°	1328.4	1330.2	1332.0	1333.9	1335.7	1336.6	1338.3	1341.7	1345.1	1348.5	1351.9
145°	1373.1	1372.8	1372.6	1372.3	1372.0	1371.9	1374.1	1378.6	1383.0	1387.5	1391.9
147.5°	1411.9	1411.1	1410.3	1409.6	1408.8	1408.4	1410.6	1415.1	1419.5	1424.0	1428.4
150°	1449.6	1447.8	1446.0	1444.1	1442.3	1441.4	1443.5	1447.7	1451.8	1456.0	1460.2
152.5°	1481.4	1479.3	1477.2	1475.1	1473.0	1472.0	1474.0	1477.9	1481.8	1485.7	1489.6
155°	1512.0	1509.6	1507.3	1504.9	1502.6	1501.4	1503.0	1506.1	1509.2	1512.4	1515.5
157.5°	1536.7	1534.6	1532.5	1530.4	1528.3	1527.3	1528.5	1530.8	1533.1	1535.5	1537.8
160°	1557.9	1556.3	1554.7	1553.2	1551.6	1550.8	1551.6	1553.2	1554.7	1556.3	1557.9
162.5°	1576.7	1575.1	1573.5	1572.0	1570.4	1569.6	1570.3	1571.6	1572.9	1574.2	1575.5
165°	1593.1	1591.5	1590.0	1588.4	1586.9	1586.1	1586.5	1587.3	1588.0	1588.8	1589.6
167.5°	1606.1	1604.5	1602.9	1601.4	1599.8	1599.0	1599.4	1600.2	1601.0	1601.8	1602.6
170°	1616.7	1615.1	1613.5	1612.0	1610.4	1609.6	1609.9	1610.4	1610.9	1611.5	1612.0
172.5°	1623.7	1622.1	1620.6	1619.0	1617.5	1616.7	1617.0	1617.5	1618.0	1618.5	1619.0
175°	1629.6	1627.8	1626.0	1624.1	1622.3	1621.4	1621.7	1622.2	1622.7	1623.2	1623.7
177.5°	1632.0	1630.2	1628.3	1626.5	1624.6	1623.7	1623.8	1624.1	1624.4	1624.6	1624.9
180°	1626.1	1626.1	1626.1	1626.1	1626.1	1626.1	1626.1	1626.1	1626.1	1626.1	1626.1

TEST NUMBER: P1029604

CATALOG NUMBER: S122DIW-B675D1240UB2750-4F0-XX-W2A-A_5000K

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	1283.6	1283.6	1283.6	1283.6	1283.6	1283.6	1283.6	1283.6	1283.6	1283.6	1283.6
2.5°	1333.9	1334.9	1336.9	1346.7	1351.7	1352.7	1348.7	1357.6	1360.6	1357.6	1355.6
5°	1397.1	1403.0	1414.8	1427.6	1426.7	1427.6	1433.6	1439.5	1441.5	1433.6	1436.5
7.5°	1452.3	1464.1	1477.0	1496.7	1496.7	1506.6	1510.5	1515.5	1527.3	1521.4	1519.4
10°	1515.5	1531.2	1554.9	1586.5	1587.5	1597.3	1607.2	1623.0	1627.9	1624.0	1626.0
12.5°	1594.4	1625.0	1626.9	1661.5	1677.3	1679.2	1695.0	1692.1	1701.9	1701.9	1718.7
15°	1628.9	1676.3	1702.9	1736.5	1746.3	1734.5	1747.3	1761.1	1762.1	1762.1	1761.1
17.5°	1691.1	1709.8	1736.5	1754.2	1758.2	1758.2	1759.1	1765.1	1761.1	1753.2	1759.1
20°	1703.9	1711.8	1721.7	1719.7	1721.7	1711.8	1701.9	1692.1	1693.0	1688.1	1702.9
22.5°	1680.2	1678.2	1655.6	1640.8	1640.8	1621.0	1602.3	1593.4	1584.5	1587.5	1592.4
25°	1621.0	1590.4	1562.8	1541.1	1536.2	1504.6	1478.9	1471.1	1456.3	1468.1	1470.1
27.5°	1526.3	1491.8	1447.4	1428.6	1403.0	1390.1	1372.4	1348.7	1318.1	1335.9	1332.9
30°	1424.7	1373.4	1336.9	1291.5	1251.0	1248.1	1214.5	1175.1	1159.3	1159.3	1168.2
32.5°	1311.2	1243.1	1189.9	1125.7	1086.3	1069.5	1029.0	989.6	998.5	968.9	979.7
35°	1179.0	1089.2	1022.1	960.0	930.4	910.7	858.4	836.7	813.0	799.2	824.8
37.5°	1052.7	949.1	863.3	795.2	784.4	748.8	713.3	699.5	685.7	691.6	690.6
40°	898.8	807.1	730.1	676.8	658.1	641.3	617.6	600.9	592.0	596.9	597.9
42.5°	759.7	682.7	625.5	588.0	572.2	560.4	548.6	534.7	531.8	531.8	535.7
45°	652.2	589.0	550.5	519.9	511.1	502.2	493.3	487.4	485.4	481.5	484.4
47.5°	566.3	516.0	492.3	469.6	459.8	457.8	449.9	446.9	443.0	442.0	443.0
50°	494.3	462.7	441.0	428.2	421.3	418.3	414.4	408.5	406.5	411.4	409.4
52.5°	444.0	414.4	402.5	389.7	385.8	381.8	375.9	376.9	375.9	373.9	373.9
55°	393.7	374.9	363.1	353.2	352.2	348.3	343.3	341.4	340.4	338.4	341.4
57.5°	353.2	338.4	327.6	318.7	314.7	314.7	309.8	305.9	305.9	304.9	305.9
60°	312.8	298.0	291.1	282.2	279.2	278.2	275.3	273.3	270.3	270.3	270.3
62.5°	275.3	263.4	255.5	247.6	248.6	243.7	239.7	237.8	237.8	238.8	238.8
65°	239.7	231.9	222.0	215.1	213.1	212.1	210.2	209.2	206.2	208.2	208.2
67.5°	207.2	196.3	190.4	187.5	184.5	183.5	181.5	179.6	178.6	177.6	179.6
70°	174.6	165.8	160.8	158.8	155.9	154.9	153.9	151.0	151.9	152.9	153.9
72.5°	145.0	137.1	136.2	130.2	130.2	130.2	126.3	128.3	127.3	125.3	127.3
75°	114.4	110.5	108.5	105.6	106.6	105.6	104.6	101.6	101.6	102.6	103.6
77.5°	90.8	86.8	85.8	82.9	80.9	82.9	80.9	79.9	79.9	80.9	80.9
80°	67.1	65.1	62.2	62.2	62.2	61.2	61.2	61.2	60.2	59.2	60.2
82.5°	44.4	44.4	43.4	42.4	43.4	41.4	42.4	42.4	42.4	42.4	42.4
85°	28.6	27.6	27.6	26.6	26.6	26.6	27.6	25.7	25.7	26.6	26.6
87.5°	12.8	12.8	12.8	13.8	12.8	12.8	12.8	13.8	12.8	12.8	12.8
90°	24.8	26.1	27.4	28.7	29.4	29.7	30.2	30.7	31.3	31.8	31.3
92.5°	28.7	29.3	29.8	30.3	30.6	30.7	31.0	31.3	31.5	31.8	31.5
95°	47.2	48.5	49.8	51.1	51.8	51.7	51.4	51.1	50.9	50.6	50.9
97.5°	60.8	61.6	62.3	63.1	63.5	63.6	63.9	64.2	64.4	64.7	64.4
100°	69.2	71.3	73.4	75.5	76.5	76.8	77.3	77.8	78.3	78.8	78.3
102.5°	72.3	75.2	78.1	81.0	82.4	82.8	83.6	84.3	85.1	85.9	85.1
105°	74.7	77.5	80.4	83.3	84.7	85.2	86.3	87.3	88.4	89.4	88.4
107.5°	77.0	79.9	82.8	85.7	87.1	87.6	88.7	89.7	90.8	91.8	90.8
110°	179.7	153.6	127.4	101.3	88.2	88.7	89.8	90.9	91.9	93.0	91.9

TEST NUMBER: P1029604

CATALOG NUMBER: S122DIW-B675D1240UB2750-4F0-XX-W2A-A_5000K

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	485.0	372.3	259.6	146.9	90.6	91.0	91.8	92.5	93.3	94.1	93.3
115°	604.9	483.9	362.8	241.7	181.2	171.8	153.0	134.1	115.3	96.5	115.3
117.5°	752.1	714.7	677.4	640.0	621.3	587.0	518.5	450.0	381.5	313.0	381.5
120°	865.6	868.8	871.9	875.0	876.6	858.9	823.6	788.3	753.0	717.7	753.0
122.5°	933.5	935.0	936.6	938.1	938.9	939.0	939.3	939.6	939.8	940.1	939.8
125°	996.0	997.9	999.7	1001.6	1002.5	1002.9	1003.7	1004.4	1005.2	1006.0	1005.2
127.5°	1054.5	1057.1	1059.8	1062.4	1063.7	1063.8	1064.1	1064.3	1064.6	1064.8	1064.6
130°	1110.1	1112.9	1115.8	1118.7	1120.1	1120.0	1119.7	1119.5	1119.2	1119.0	1119.2
132.5°	1164.9	1167.2	1169.6	1171.9	1173.1	1173.0	1172.7	1172.4	1172.2	1171.9	1172.2
135°	1215.7	1218.3	1221.0	1223.6	1224.9	1224.6	1224.1	1223.6	1223.0	1222.5	1223.0
137.5°	1263.9	1266.5	1269.2	1271.8	1273.1	1272.7	1271.9	1271.2	1270.4	1269.6	1270.4
140°	1310.8	1313.1	1315.5	1317.8	1319.0	1318.3	1317.0	1315.7	1314.4	1313.1	1314.4
142.5°	1354.0	1356.1	1358.2	1360.3	1361.4	1360.7	1359.4	1358.1	1356.8	1355.5	1356.8
145°	1393.7	1395.6	1397.4	1399.3	1400.2	1399.5	1398.2	1396.9	1395.6	1394.3	1395.6
147.5°	1429.7	1431.0	1432.3	1433.6	1434.3	1433.8	1432.7	1431.7	1430.6	1429.6	1430.6
150°	1461.8	1463.4	1464.9	1466.5	1467.3	1466.6	1465.3	1464.0	1462.7	1461.4	1462.7
152.5°	1491.2	1492.8	1494.3	1495.9	1496.7	1495.8	1493.9	1492.1	1490.2	1488.4	1490.2
155°	1517.1	1518.7	1520.2	1521.8	1522.6	1521.5	1519.4	1517.3	1515.2	1513.1	1515.2
157.5°	1539.6	1541.5	1543.3	1545.2	1546.1	1545.1	1543.0	1540.9	1538.8	1536.7	1538.8
160°	1559.5	1561.0	1562.6	1564.1	1564.9	1564.0	1562.2	1560.3	1558.5	1556.7	1558.5
162.5°	1577.3	1579.1	1581.0	1582.8	1583.7	1582.5	1580.2	1577.8	1575.5	1573.1	1575.5
165°	1591.4	1593.3	1595.1	1597.0	1597.9	1597.0	1595.1	1593.3	1591.4	1589.6	1591.4
167.5°	1604.4	1606.2	1608.1	1609.9	1610.8	1609.6	1607.3	1604.9	1602.6	1600.2	1602.6
170°	1613.8	1615.6	1617.5	1619.3	1620.2	1619.0	1616.7	1614.3	1612.0	1609.6	1612.0
172.5°	1620.8	1622.7	1624.5	1626.4	1627.3	1626.1	1623.8	1621.4	1619.1	1616.7	1619.1
175°	1625.5	1627.4	1629.2	1631.1	1632.0	1630.7	1628.1	1625.4	1622.8	1620.2	1622.8
177.5°	1626.7	1628.6	1630.4	1632.3	1633.2	1632.0	1629.7	1627.3	1625.0	1622.6	1625.0
180°	1626.1	1626.1	1626.1	1626.1	1626.1	1626.1	1626.1	1626.1	1626.1	1626.1	1626.1

TEST NUMBER: P1029604

CATALOG NUMBER: S122DIW-B675D1240UB2750-4F0-XX-W2A-A_5000K

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	1283.6	1283.6	1283.6	1283.6	1283.6	1283.6	1283.6	1283.6	1283.6	1283.6	1283.6
2.5°	1360.6	1353.6	1347.7	1348.7	1353.6	1349.7	1339.8	1327.0	1322.1	1316.2	1322.1
5°	1442.4	1436.5	1424.7	1425.7	1422.7	1418.8	1403.0	1383.2	1383.2	1367.5	1365.5
7.5°	1523.3	1514.5	1506.6	1504.6	1493.7	1485.9	1472.0	1444.4	1433.6	1414.8	1404.0
10°	1614.1	1607.2	1598.3	1587.5	1581.6	1567.7	1545.0	1504.6	1484.9	1459.2	1440.5
12.5°	1705.9	1704.9	1685.1	1663.4	1662.5	1640.8	1625.0	1570.7	1544.1	1509.5	1465.1
15°	1764.1	1759.1	1748.3	1737.4	1740.4	1716.7	1681.2	1617.1	1599.3	1557.9	1510.5
17.5°	1763.1	1763.1	1760.1	1758.2	1755.2	1748.3	1728.6	1686.1	1657.5	1605.2	1560.8
20°	1706.9	1719.7	1722.6	1721.7	1731.5	1736.5	1735.5	1708.8	1686.1	1639.8	1594.4
22.5°	1594.4	1624.0	1636.8	1644.7	1665.4	1676.3	1701.9	1692.1	1686.1	1651.6	1613.1
25°	1489.8	1499.7	1538.1	1540.1	1568.7	1595.4	1621.0	1637.8	1659.5	1646.7	1614.1
27.5°	1354.6	1377.3	1404.9	1425.7	1431.6	1485.9	1528.3	1559.8	1609.2	1613.1	1602.3
30°	1201.7	1212.6	1257.9	1285.6	1317.1	1356.6	1417.8	1472.0	1516.4	1556.9	1570.7
32.5°	1015.2	1059.6	1086.3	1119.8	1147.4	1217.5	1292.5	1362.5	1413.8	1481.9	1511.5
35°	844.5	879.1	924.5	938.3	988.6	1047.8	1145.5	1235.2	1313.2	1382.3	1442.4
37.5°	703.5	731.1	779.4	801.1	830.7	906.7	988.6	1100.1	1193.8	1278.7	1353.6
40°	606.8	627.5	664.0	670.9	695.6	764.6	830.7	935.3	1059.6	1174.1	1256.0
42.5°	540.7	550.5	575.2	584.1	599.9	646.2	705.4	804.1	919.5	1037.9	1153.4
45°	493.3	500.2	515.0	522.9	542.6	563.4	611.7	690.6	781.4	900.8	1025.1
47.5°	450.9	459.8	465.7	470.6	481.5	504.2	535.7	593.9	680.8	790.3	910.7
50°	415.4	418.3	429.2	430.2	437.1	451.9	481.5	517.0	586.1	674.8	791.3
52.5°	379.8	382.8	389.7	396.6	399.6	411.4	431.2	460.8	512.1	582.1	685.7
55°	344.3	348.3	355.2	360.1	363.1	372.9	384.8	413.4	453.8	503.2	588.0
57.5°	308.8	317.7	319.7	322.6	327.6	338.4	349.3	366.0	397.6	443.0	505.2
60°	275.3	278.2	285.1	288.1	293.0	298.9	312.8	325.6	348.3	383.8	440.0
62.5°	240.7	247.6	250.6	253.6	257.5	264.4	273.3	287.1	306.8	335.5	379.8
65°	211.1	212.1	218.0	222.0	225.9	230.9	239.7	252.6	264.4	291.1	323.6
67.5°	182.5	184.5	186.5	190.4	195.4	200.3	208.2	215.1	229.9	247.6	273.3
70°	154.9	154.9	159.8	162.8	161.8	167.7	173.6	181.5	192.4	209.2	229.9
72.5°	130.2	129.2	133.2	134.2	136.2	140.1	144.0	151.9	157.9	170.7	186.5
75°	103.6	105.6	107.5	107.5	110.5	113.5	117.4	121.4	128.3	136.2	148.0
77.5°	81.9	81.9	83.9	84.8	87.8	86.8	90.8	94.7	99.6	106.6	115.4
80°	60.2	62.2	62.2	62.2	63.1	64.1	68.1	71.0	74.0	78.9	82.9
82.5°	42.4	42.4	44.4	44.4	44.4	46.4	46.4	47.4	49.3	52.3	55.3
85°	26.6	26.6	26.6	27.6	26.6	27.6	29.6	28.6	29.6	31.6	31.6
87.5°	12.8	12.8	12.8	12.8	12.8	13.8	12.8	13.8	14.8	14.8	14.8
90°	30.7	30.2	29.7	29.4	28.7	27.4	26.1	24.8	23.5	21.4	19.3
92.5°	31.3	31.0	30.7	30.6	30.3	29.8	29.3	28.7	28.2	27.4	26.6
95°	51.1	51.4	51.7	51.8	51.1	49.8	48.5	47.2	45.9	44.1	42.3
97.5°	64.2	63.9	63.6	63.5	63.1	62.3	61.6	60.8	60.0	55.8	51.6
100°	77.8	77.3	76.8	76.5	75.5	73.4	71.3	69.2	67.1	62.7	58.2
102.5°	84.3	83.6	82.8	82.4	81.0	78.1	75.2	72.3	69.4	117.0	164.6
105°	87.3	86.3	85.2	84.7	83.3	80.4	77.5	74.7	71.8	143.2	214.6
107.5°	89.7	88.7	87.6	87.1	85.7	82.8	79.9	77.0	74.1	162.2	250.3
110°	90.9	89.8	88.7	88.2	101.3	127.4	153.6	179.7	205.9	281.5	357.1

TEST NUMBER: P1029604

CATALOG NUMBER: S122DIW-B675D1240UB2750-4F0-XX-W2A-A_5000K

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	92.5	91.8	91.0	90.6	146.9	259.6	372.3	485.0	597.7	602.1	606.6
115°	134.1	153.0	171.8	181.2	241.7	362.8	483.9	604.9	726.0	719.5	712.9
117.5°	450.0	518.5	587.0	621.3	640.0	677.4	714.7	752.1	789.5	785.1	780.6
120°	788.3	823.6	858.9	876.6	875.0	871.9	868.8	865.6	862.5	857.8	853.1
122.5°	939.6	939.3	939.0	938.9	938.1	936.6	935.0	933.5	931.9	926.7	921.5
125°	1004.4	1003.7	1002.9	1002.5	1001.6	999.7	997.9	996.0	994.2	989.2	984.3
127.5°	1064.3	1064.1	1063.8	1063.7	1062.4	1059.8	1057.1	1054.5	1051.9	1048.0	1044.1
130°	1119.5	1119.7	1120.0	1120.1	1118.7	1115.8	1112.9	1110.1	1107.2	1104.3	1101.5
132.5°	1172.4	1172.7	1173.0	1173.1	1171.9	1169.6	1167.2	1164.9	1162.5	1159.6	1156.8
135°	1223.6	1224.1	1224.6	1224.9	1223.6	1221.0	1218.3	1215.7	1213.1	1210.7	1208.4
137.5°	1271.2	1271.9	1272.7	1273.1	1271.8	1269.2	1266.5	1263.9	1261.3	1258.7	1256.1
140°	1315.7	1317.0	1318.3	1319.0	1317.8	1315.5	1313.1	1310.8	1308.4	1305.5	1302.7
142.5°	1358.1	1359.4	1360.7	1361.4	1360.3	1358.2	1356.1	1354.0	1351.9	1348.5	1345.1
145°	1396.9	1398.2	1399.5	1400.2	1399.3	1397.4	1395.6	1393.7	1391.9	1387.5	1383.0
147.5°	1431.7	1432.7	1433.8	1434.3	1433.6	1432.3	1431.0	1429.7	1428.4	1424.0	1419.5
150°	1464.0	1465.3	1466.6	1467.3	1466.5	1464.9	1463.4	1461.8	1460.2	1456.0	1451.8
152.5°	1492.1	1493.9	1495.8	1496.7	1495.9	1494.3	1492.8	1491.2	1489.6	1485.7	1481.8
155°	1517.3	1519.4	1521.5	1522.6	1521.8	1520.2	1518.7	1517.1	1515.5	1512.4	1509.2
157.5°	1540.9	1543.0	1545.1	1546.1	1545.2	1543.3	1541.5	1539.6	1537.8	1535.5	1533.1
160°	1560.3	1562.2	1564.0	1564.9	1564.1	1562.6	1561.0	1559.5	1557.9	1556.3	1554.7
162.5°	1577.8	1580.2	1582.5	1583.7	1582.8	1581.0	1579.1	1577.3	1575.5	1574.2	1572.9
165°	1593.3	1595.1	1597.0	1597.9	1597.0	1595.1	1593.3	1591.4	1589.6	1588.8	1588.0
167.5°	1604.9	1607.3	1609.6	1610.8	1609.9	1608.1	1606.2	1604.4	1602.6	1601.8	1601.0
170°	1614.3	1616.7	1619.0	1620.2	1619.3	1617.5	1615.6	1613.8	1612.0	1611.5	1610.9
172.5°	1621.4	1623.8	1626.1	1627.3	1626.4	1624.5	1622.7	1620.8	1619.0	1618.5	1618.0
175°	1625.4	1628.1	1630.7	1632.0	1631.1	1629.2	1627.4	1625.5	1623.7	1623.2	1622.7
177.5°	1627.3	1629.7	1632.0	1633.2	1632.3	1630.4	1628.6	1626.7	1624.9	1624.6	1624.4
180°	1626.1	1626.1	1626.1	1626.1	1626.1	1626.1	1626.1	1626.1	1626.1	1626.1	1626.1

TEST NUMBER: P1029604

CATALOG NUMBER: S122DIW-B675D1240UB2750-4F0-XX-W2A-A_5000K

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
0°	1283.6	1283.6	1283.6	1283.6	1283.6	1283.6	1283.6	1283.6	1283.6	1283.6	1283.6
2.5°	1317.1	1312.2	1309.2	1311.2	1305.3	1290.5	1290.5	1295.4	1289.5	1283.6	1274.7
5°	1353.6	1343.8	1337.9	1336.9	1323.1	1299.4	1294.4	1289.5	1276.7	1262.9	1248.1
7.5°	1389.2	1371.4	1361.5	1354.6	1334.9	1304.3	1291.5	1280.6	1259.9	1239.2	1220.5
10°	1418.8	1393.1	1381.3	1370.4	1344.8	1306.3	1285.6	1265.8	1239.2	1212.6	1188.9
12.5°	1442.4	1412.8	1398.0	1382.3	1350.7	1300.4	1274.7	1243.1	1216.5	1181.0	1157.3
15°	1481.9	1420.7	1406.9	1392.1	1359.6	1290.5	1258.9	1223.4	1186.9	1139.5	1113.9
17.5°	1513.5	1431.6	1430.6	1399.0	1356.6	1286.6	1238.2	1191.8	1152.4	1105.0	1064.6
20°	1532.2	1448.4	1432.6	1400.0	1346.7	1259.9	1209.6	1158.3	1115.9	1058.6	1018.2
22.5°	1548.0	1472.0	1430.6	1391.1	1326.0	1251.0	1177.0	1128.7	1070.5	1008.3	969.8
25°	1553.9	1477.0	1433.6	1388.2	1311.2	1225.4	1141.5	1089.2	1024.1	967.9	915.6
27.5°	1554.9	1476.0	1422.7	1375.4	1290.5	1191.8	1106.0	1050.8	978.7	913.6	861.3
30°	1545.0	1465.1	1416.8	1365.5	1270.8	1161.3	1062.6	1001.4	924.5	859.3	805.1
32.5°	1515.5	1443.4	1404.0	1347.7	1245.1	1118.8	1021.2	953.1	872.2	808.0	755.8
35°	1466.1	1416.8	1373.4	1321.1	1211.6	1079.4	979.7	899.8	817.9	756.7	707.4
37.5°	1404.9	1378.3	1337.9	1286.6	1173.1	1043.8	933.3	844.5	762.7	703.5	655.1
40°	1322.1	1329.0	1289.5	1243.1	1127.7	995.5	873.2	788.3	711.4	656.1	608.7
42.5°	1232.3	1260.9	1238.2	1193.8	1077.4	942.2	828.8	735.0	660.0	602.8	563.4
45°	1135.6	1184.9	1171.1	1138.6	1025.1	886.0	765.6	674.8	608.7	553.5	519.0
47.5°	1030.0	1100.1	1100.1	1076.4	966.9	829.7	711.4	618.6	553.5	514.0	480.5
50°	922.5	1001.4	1014.2	998.5	901.8	765.6	645.3	561.4	505.2	466.7	442.0
52.5°	810.0	901.8	925.5	917.6	832.7	704.4	591.0	509.1	457.8	424.2	402.5
55°	702.5	809.0	834.7	837.6	758.7	637.4	530.8	458.8	409.4	386.8	368.0
57.5°	600.9	703.5	732.1	737.0	683.7	576.2	474.6	411.4	367.0	348.3	333.5
60°	514.0	599.9	637.4	648.2	601.8	505.2	422.3	361.1	327.6	309.8	296.0
62.5°	443.0	512.1	551.5	554.5	533.8	443.0	368.0	316.7	288.1	272.3	265.4
65°	373.9	436.1	459.8	471.6	454.8	383.8	317.7	275.3	252.6	238.8	231.9
67.5°	318.7	358.1	377.9	393.7	376.9	323.6	270.3	235.8	219.0	205.2	201.3
70°	261.5	294.0	308.8	324.6	309.8	269.3	230.9	199.3	184.5	173.6	168.7
72.5°	209.2	234.8	248.6	258.5	249.6	216.1	184.5	162.8	151.9	144.0	141.1
75°	165.8	183.5	191.4	198.3	194.4	168.7	149.0	131.2	121.4	114.4	112.5
77.5°	126.3	139.1	148.0	150.0	145.0	128.3	111.5	100.6	92.7	88.8	86.8
80°	89.8	97.7	102.6	105.6	100.6	93.7	81.9	74.0	67.1	62.2	61.2
82.5°	60.2	64.1	68.1	67.1	65.1	59.2	52.3	48.3	45.4	41.4	41.4
85°	34.5	35.5	37.5	38.5	37.5	33.5	29.6	27.6	25.7	22.7	22.7
87.5°	14.8	15.8	15.8	16.8	14.8	14.8	12.8	10.9	10.9	9.9	8.9
90°	17.2	15.1	14.1	12.7	9.8	6.9	4.1	1.2	4.1	6.9	9.8
92.5°	25.9	25.1	24.7	25.2	26.3	27.3	28.4	29.4	28.4	27.3	26.3
95°	40.4	38.6	37.7	42.0	50.6	59.3	67.9	76.5	67.9	59.3	50.6
97.5°	47.5	43.3	41.2	51.9	73.4	94.8	116.3	137.7	116.3	94.8	73.4
100°	53.8	49.3	47.1	65.0	100.8	136.7	172.5	208.3	172.5	136.7	100.8
102.5°	212.2	259.8	283.6	283.9	284.4	284.9	285.4	285.9	285.4	284.9	284.4
105°	285.9	357.3	393.0	389.1	381.2	373.4	365.5	357.7	365.5	373.4	381.2
107.5°	338.4	426.5	470.6	467.3	460.8	454.3	447.7	441.2	447.7	454.3	460.8
110°	432.6	508.2	546.0	543.2	537.7	532.2	526.7	521.2	526.7	532.2	537.7

TEST NUMBER: P1029604

CATALOG NUMBER: S122DIW-B675D1240UB2750-4F0-XX-W2A-A_5000K

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
112.5°	611.0	615.5	617.7	615.3	610.6	605.9	601.2	596.5	601.2	605.9	610.6
115°	706.4	699.9	696.6	694.4	689.9	685.5	681.0	676.6	681.0	685.5	689.9
117.5°	776.2	771.7	769.5	766.9	761.7	756.4	751.2	746.0	751.2	756.4	761.7
120°	848.4	843.7	841.3	839.3	835.4	831.5	827.5	823.6	827.5	831.5	835.4
122.5°	916.2	911.0	908.4	906.3	902.1	897.9	893.7	889.5	893.7	897.9	902.1
125°	979.3	974.4	971.9	970.2	966.8	963.4	960.0	956.6	960.0	963.4	966.8
127.5°	1040.2	1036.3	1034.3	1032.5	1028.8	1025.1	1021.5	1017.8	1021.5	1025.1	1028.8
130°	1098.6	1095.7	1094.3	1092.2	1088.0	1083.8	1079.6	1075.4	1079.6	1083.8	1088.0
132.5°	1153.9	1151.0	1149.6	1147.9	1144.5	1141.1	1137.7	1134.3	1137.7	1141.1	1144.5
135°	1206.0	1203.7	1202.5	1200.4	1196.2	1192.1	1187.9	1183.7	1187.9	1192.1	1196.2
137.5°	1253.5	1250.9	1249.6	1248.0	1244.9	1241.8	1238.6	1235.5	1238.6	1241.8	1244.9
140°	1299.8	1296.9	1295.5	1294.5	1292.4	1290.3	1288.2	1286.1	1288.2	1290.3	1292.4
142.5°	1341.7	1338.3	1336.6	1335.7	1333.9	1332.0	1330.2	1328.4	1330.2	1332.0	1333.9
145°	1378.6	1374.1	1371.9	1372.0	1372.3	1372.6	1372.8	1373.1	1372.8	1372.6	1372.3
147.5°	1415.1	1410.6	1408.4	1408.8	1409.6	1410.3	1411.1	1411.9	1411.1	1410.3	1409.6
150°	1447.7	1443.5	1441.4	1442.3	1444.1	1446.0	1447.8	1449.6	1447.8	1446.0	1444.1
152.5°	1477.9	1474.0	1472.0	1473.0	1475.1	1477.2	1479.3	1481.4	1479.3	1477.2	1475.1
155°	1506.1	1503.0	1501.4	1502.6	1504.9	1507.3	1509.6	1512.0	1509.6	1507.3	1504.9
157.5°	1530.8	1528.5	1527.3	1528.3	1530.4	1532.5	1534.6	1536.7	1534.6	1532.5	1530.4
160°	1553.2	1551.6	1550.8	1551.6	1553.2	1554.7	1556.3	1557.9	1556.3	1554.7	1553.2
162.5°	1571.6	1570.3	1569.6	1570.4	1572.0	1573.5	1575.1	1576.7	1575.1	1573.5	1572.0
165°	1587.3	1586.5	1586.1	1586.9	1588.4	1590.0	1591.5	1593.1	1591.5	1590.0	1588.4
167.5°	1600.2	1599.4	1599.0	1599.8	1601.4	1602.9	1604.5	1606.1	1604.5	1602.9	1601.4
170°	1610.4	1609.9	1609.6	1610.4	1612.0	1613.5	1615.1	1616.7	1615.1	1613.5	1612.0
172.5°	1617.5	1617.0	1616.7	1617.5	1619.0	1620.6	1622.1	1623.7	1622.1	1620.6	1619.0
175°	1622.2	1621.7	1621.4	1622.3	1624.1	1626.0	1627.8	1629.6	1627.8	1626.0	1624.1
177.5°	1624.1	1623.8	1623.7	1624.6	1626.5	1628.3	1630.2	1632.0	1630.2	1628.3	1626.5
180°	1626.1	1626.1	1626.1	1626.1	1626.1	1626.1	1626.1	1626.1	1626.1	1626.1	1626.1

TEST NUMBER: P1029604

CATALOG NUMBER: S122DIW-B675D1240UB2750-4F0-XX-W2A-A_5000K

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
0°	1283.6	1283.6	1283.6	1283.6	1283.6	1283.6	1283.6	1283.6	1283.6	1283.6	1283.6
2.5°	1269.8	1274.7	1273.7	1263.9	1253.0	1244.1	1227.4	1229.3	1223.4	1224.4	1230.3
5°	1238.2	1238.2	1234.3	1220.5	1202.7	1192.8	1174.1	1169.1	1157.3	1156.3	1155.3
7.5°	1204.7	1199.7	1194.8	1175.1	1153.4	1137.6	1111.9	1106.0	1094.2	1086.3	1082.3
10°	1165.2	1158.3	1148.4	1125.7	1099.1	1079.4	1052.7	1044.8	1022.1	1012.3	1006.4
12.5°	1121.8	1117.8	1102.1	1083.3	1039.9	1018.2	979.7	987.6	964.9	945.2	942.2
15°	1078.4	1063.6	1054.7	1024.1	971.8	962.0	931.4	915.6	894.9	879.1	879.1
17.5°	1036.0	1013.3	993.5	961.0	922.5	894.9	872.2	864.3	838.6	822.8	819.9
20°	979.7	954.1	949.1	902.8	876.1	845.5	823.8	804.1	785.4	778.4	773.5
22.5°	926.4	896.8	888.9	849.5	822.8	792.3	770.6	756.7	742.9	738.0	729.1
25°	869.2	851.5	839.6	797.2	767.6	739.0	724.2	714.3	701.5	700.5	694.6
27.5°	814.0	797.2	785.4	744.9	723.2	696.6	684.7	673.9	667.0	664.0	661.0
30°	766.6	747.9	734.0	704.4	677.8	656.1	646.2	639.3	635.4	630.5	629.5
32.5°	714.3	703.5	684.7	662.0	641.3	620.6	614.7	609.7	603.8	601.8	600.9
35°	669.9	655.1	643.3	617.6	608.7	591.0	584.1	580.1	572.2	570.3	568.3
37.5°	626.5	612.7	599.9	584.1	567.3	557.4	553.5	547.6	543.6	544.6	542.6
40°	583.1	572.2	562.4	545.6	535.7	530.8	522.9	517.0	515.0	516.0	515.0
42.5°	540.7	530.8	524.9	512.1	502.2	497.3	492.3	486.4	489.4	489.4	492.3
45°	502.2	493.3	489.4	479.5	473.6	465.7	460.8	459.8	463.7	462.7	462.7
47.5°	462.7	459.8	454.8	446.0	438.1	433.1	432.1	432.1	436.1	438.1	437.1
50°	432.1	426.2	420.3	413.4	407.5	405.5	402.5	404.5	408.5	408.5	410.4
52.5°	393.7	389.7	387.7	381.8	377.9	377.9	377.9	378.9	381.8	384.8	383.8
55°	360.1	357.2	355.2	352.2	347.3	348.3	347.3	349.3	352.2	355.2	357.2
57.5°	324.6	323.6	321.6	316.7	316.7	315.7	318.7	319.7	324.6	326.6	329.5
60°	293.0	290.1	290.1	286.1	286.1	286.1	289.1	292.0	296.0	297.0	298.9
62.5°	259.5	259.5	258.5	255.5	255.5	258.5	259.5	263.4	265.4	265.4	268.4
65°	227.9	226.9	225.9	226.9	227.9	227.9	230.9	232.8	234.8	235.8	236.8
67.5°	196.3	195.4	197.3	196.3	198.3	202.3	201.3	204.2	207.2	207.2	208.2
70°	166.7	168.7	167.7	169.7	168.7	170.7	173.6	174.6	174.6	175.6	178.6
72.5°	139.1	139.1	139.1	138.1	139.1	141.1	143.1	144.0	146.0	147.0	150.0
75°	112.5	112.5	110.5	112.5	112.5	114.4	116.4	116.4	116.4	118.4	121.4
77.5°	84.8	85.8	84.8	86.8	86.8	87.8	89.8	88.8	90.8	91.8	92.7
80°	62.2	61.2	61.2	61.2	62.2	62.2	64.1	65.1	65.1	68.1	66.1
82.5°	39.5	40.5	39.5	40.5	40.5	41.4	40.5	41.4	42.4	44.4	43.4
85°	22.7	21.7	21.7	22.7	21.7	21.7	22.7	21.7	22.7	21.7	22.7
87.5°	8.9	7.9	7.9	7.9	7.9	6.9	6.9	5.9	5.9	5.9	4.9
90°	12.7	14.1	15.1	17.2	19.3	21.4	23.5	24.8	26.1	27.4	28.7
92.5°	25.2	24.7	25.1	25.9	26.6	27.4	28.2	28.7	29.3	29.8	30.3
95°	42.0	37.7	38.6	40.4	42.3	44.1	45.9	47.2	48.5	49.8	51.1
97.5°	51.9	41.2	43.3	47.5	51.6	55.8	60.0	60.8	61.6	62.3	63.1
100°	65.0	47.1	49.3	53.8	58.2	62.7	67.1	69.2	71.3	73.4	75.5
102.5°	283.9	283.6	259.8	212.2	164.6	117.0	69.4	72.3	75.2	78.1	81.0
105°	389.1	393.0	357.3	285.9	214.6	143.2	71.8	74.7	77.5	80.4	83.3
107.5°	467.3	470.6	426.5	338.4	250.3	162.2	74.1	77.0	79.9	82.8	85.7
110°	543.2	546.0	508.2	432.6	357.1	281.5	205.9	179.7	153.6	127.4	101.3

TEST NUMBER: P1029604

CATALOG NUMBER: S122DIW-B675D1240UB2750-4F0-XX-W2A-A_5000K

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
112.5°	615.3	617.7	615.5	611.0	606.6	602.1	597.7	485.0	372.3	259.6	146.9
115°	694.4	696.6	699.9	706.4	712.9	719.5	726.0	604.9	483.9	362.8	241.7
117.5°	766.9	769.5	771.7	776.2	780.6	785.1	789.5	752.1	714.7	677.4	640.0
120°	839.3	841.3	843.7	848.4	853.1	857.8	862.5	865.6	868.8	871.9	875.0
122.5°	906.3	908.4	911.0	916.2	921.5	926.7	931.9	933.5	935.0	936.6	938.1
125°	970.2	971.9	974.4	979.3	984.3	989.2	994.2	996.0	997.9	999.7	1001.6
127.5°	1032.5	1034.3	1036.3	1040.2	1044.1	1048.0	1051.9	1054.5	1057.1	1059.8	1062.4
130°	1092.2	1094.3	1095.7	1098.6	1101.5	1104.3	1107.2	1110.1	1112.9	1115.8	1118.7
132.5°	1147.9	1149.6	1151.0	1153.9	1156.8	1159.6	1162.5	1164.9	1167.2	1169.6	1171.9
135°	1200.4	1202.5	1203.7	1206.0	1208.4	1210.7	1213.1	1215.7	1218.3	1221.0	1223.6
137.5°	1248.0	1249.6	1250.9	1253.5	1256.1	1258.7	1261.3	1263.9	1266.5	1269.2	1271.8
140°	1294.5	1295.5	1296.9	1299.8	1302.7	1305.5	1308.4	1310.8	1313.1	1315.5	1317.8
142.5°	1335.7	1336.6	1338.3	1341.7	1345.1	1348.5	1351.9	1354.0	1356.1	1358.2	1360.3
145°	1372.0	1371.9	1374.1	1378.6	1383.0	1387.5	1391.9	1393.7	1395.6	1397.4	1399.3
147.5°	1408.8	1408.4	1410.6	1415.1	1419.5	1424.0	1428.4	1429.7	1431.0	1432.3	1433.6
150°	1442.3	1441.4	1443.5	1447.7	1451.8	1456.0	1460.2	1461.8	1463.4	1464.9	1466.5
152.5°	1473.0	1472.0	1474.0	1477.9	1481.8	1485.7	1489.6	1491.2	1492.8	1494.3	1495.9
155°	1502.6	1501.4	1503.0	1506.1	1509.2	1512.4	1515.5	1517.1	1518.7	1520.2	1521.8
157.5°	1528.3	1527.3	1528.5	1530.8	1533.1	1535.5	1537.8	1539.6	1541.5	1543.3	1545.2
160°	1551.6	1550.8	1551.6	1553.2	1554.7	1556.3	1557.9	1559.5	1561.0	1562.6	1564.1
162.5°	1570.4	1569.6	1570.3	1571.6	1572.9	1574.2	1575.5	1577.3	1579.1	1581.0	1582.8
165°	1586.9	1586.1	1586.5	1587.3	1588.0	1588.8	1589.6	1591.4	1593.3	1595.1	1597.0
167.5°	1599.8	1599.0	1599.4	1600.2	1601.0	1601.8	1602.6	1604.4	1606.2	1608.1	1609.9
170°	1610.4	1609.6	1609.9	1610.4	1610.9	1611.5	1612.0	1613.8	1615.6	1617.5	1619.3
172.5°	1617.5	1616.7	1617.0	1617.5	1618.0	1618.5	1619.0	1620.8	1622.7	1624.5	1626.4
175°	1622.3	1621.4	1621.7	1622.2	1622.7	1623.2	1623.7	1625.5	1627.4	1629.2	1631.1
177.5°	1624.6	1623.7	1623.8	1624.1	1624.4	1624.6	1624.9	1626.7	1628.6	1630.4	1632.3
180°	1626.1	1626.1	1626.1	1626.1	1626.1	1626.1	1626.1	1626.1	1626.1	1626.1	1626.1

TEST NUMBER: P1029604

CATALOG NUMBER: S122DIW-B675D1240UB2750-4F0-XX-W2A-A_5000K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
0°	1283.6	1283.6	1283.6	1283.6	1283.6	1283.6	1283.6	1283.6	1283.6	1283.6	1283.6
2.5°	1223.4	1226.4	1219.5	1217.5	1219.5	1212.6	1214.5	1216.5	1216.5	1219.5	1221.4
5°	1152.4	1148.4	1141.5	1139.5	1137.6	1140.5	1138.6	1141.5	1142.5	1149.4	1150.4
7.5°	1082.3	1076.4	1070.5	1064.6	1062.6	1057.7	1062.6	1062.6	1069.5	1067.5	1072.5
10°	999.4	998.5	990.6	987.6	983.7	975.8	986.6	983.7	988.6	997.5	999.4
12.5°	938.3	927.4	932.4	918.5	923.5	915.6	916.6	916.6	924.5	925.5	923.5
15°	880.1	871.2	858.4	852.4	849.5	845.5	858.4	859.3	853.4	867.2	862.3
17.5°	820.9	820.9	809.0	806.1	798.2	802.1	800.1	801.1	799.2	809.0	814.0
20°	769.6	764.6	760.7	761.7	751.8	749.8	747.9	749.8	756.7	763.6	765.6
22.5°	728.1	725.2	715.3	717.3	709.4	712.3	710.4	715.3	716.3	716.3	723.2
25°	688.7	684.7	685.7	681.8	678.8	678.8	675.8	678.8	682.7	684.7	685.7
27.5°	659.1	656.1	651.2	648.2	650.2	645.3	649.2	652.2	652.2	650.2	652.2
30°	623.5	625.5	625.5	615.7	619.6	617.6	620.6	622.6	622.6	623.5	621.6
32.5°	599.9	593.9	593.0	592.0	592.0	588.0	588.0	591.0	592.0	593.0	595.9
35°	568.3	568.3	563.4	566.3	562.4	563.4	562.4	563.4	565.3	562.4	565.3
37.5°	539.7	540.7	538.7	540.7	541.7	539.7	537.7	541.7	539.7	539.7	537.7
40°	515.0	514.0	515.0	515.0	515.0	516.0	514.0	514.0	514.0	512.1	510.1
42.5°	494.3	488.4	490.4	491.3	488.4	488.4	489.4	488.4	491.3	485.4	485.4
45°	464.7	462.7	463.7	463.7	465.7	462.7	464.7	465.7	462.7	461.7	459.8
47.5°	438.1	440.0	438.1	440.0	440.0	442.0	438.1	439.0	440.0	436.1	433.1
50°	411.4	411.4	414.4	413.4	414.4	412.4	412.4	411.4	412.4	410.4	407.5
52.5°	386.8	383.8	388.7	387.7	386.8	385.8	384.8	385.8	383.8	381.8	381.8
55°	356.2	356.2	359.1	360.1	360.1	358.1	356.2	357.2	356.2	355.2	354.2
57.5°	331.5	327.6	329.5	330.5	330.5	327.6	329.5	327.6	327.6	328.5	325.6
60°	299.9	299.9	298.0	300.9	300.9	298.9	298.9	299.9	298.0	297.0	296.0
62.5°	266.4	267.4	270.3	271.3	272.3	270.3	268.4	269.3	269.3	266.4	267.4
65°	237.8	239.7	243.7	242.7	240.7	241.7	239.7	240.7	237.8	238.8	235.8
67.5°	210.2	209.2	210.2	210.2	212.1	211.1	209.2	209.2	208.2	211.1	208.2
70°	180.6	180.6	180.6	180.6	181.5	182.5	180.6	178.6	179.6	177.6	176.6
72.5°	150.0	151.0	150.0	151.9	149.0	151.0	151.0	150.0	149.0	149.0	149.0
75°	121.4	123.3	120.4	121.4	120.4	122.3	121.4	121.4	119.4	118.4	119.4
77.5°	92.7	93.7	91.8	92.7	91.8	92.7	92.7	91.8	91.8	91.8	91.8
80°	66.1	67.1	66.1	65.1	64.1	66.1	64.1	65.1	66.1	65.1	67.1
82.5°	42.4	42.4	41.4	42.4	40.5	40.5	41.4	41.4	40.5	42.4	40.5
85°	20.7	20.7	22.7	20.7	19.7	19.7	19.7	20.7	19.7	21.7	20.7
87.5°	4.9	3.9	4.9	4.9	3.9	3.9	4.9	3.9	4.9	5.9	3.9
90°	29.4	29.7	30.2	30.7	31.3	31.8	31.3	30.7	30.2	29.7	29.4
92.5°	30.6	30.7	31.0	31.3	31.5	31.8	31.5	31.3	31.0	30.7	30.6
95°	51.8	51.7	51.4	51.1	50.9	50.6	50.9	51.1	51.4	51.7	51.8
97.5°	63.5	63.6	63.9	64.2	64.4	64.7	64.4	64.2	63.9	63.6	63.5
100°	76.5	76.8	77.3	77.8	78.3	78.8	78.3	77.8	77.3	76.8	76.5
102.5°	82.4	82.8	83.6	84.3	85.1	85.9	85.1	84.3	83.6	82.8	82.4
105°	84.7	85.2	86.3	87.3	88.4	89.4	88.4	87.3	86.3	85.2	84.7
107.5°	87.1	87.6	88.7	89.7	90.8	91.8	90.8	89.7	88.7	87.6	87.1
110°	88.2	88.7	89.8	90.9	91.9	93.0	91.9	90.9	89.8	88.7	88.2

TEST NUMBER: P1029604

CATALOG NUMBER: S122DIW-B675D1240UB2750-4F0-XX-W2A-A_5000K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
112.5°	90.6	91.0	91.8	92.5	93.3	94.1	93.3	92.5	91.8	91.0	90.6
115°	181.2	171.8	153.0	134.1	115.3	96.5	115.3	134.1	153.0	171.8	181.2
117.5°	621.3	587.0	518.5	450.0	381.5	313.0	381.5	450.0	518.5	587.0	621.3
120°	876.6	858.9	823.6	788.3	753.0	717.7	753.0	788.3	823.6	858.9	876.6
122.5°	938.9	939.0	939.3	939.6	939.8	940.1	939.8	939.6	939.3	939.0	938.9
125°	1002.5	1002.9	1003.7	1004.4	1005.2	1006.0	1005.2	1004.4	1003.7	1002.9	1002.5
127.5°	1063.7	1063.8	1064.1	1064.3	1064.6	1064.8	1064.6	1064.3	1064.1	1063.8	1063.7
130°	1120.1	1120.0	1119.7	1119.5	1119.2	1119.0	1119.2	1119.5	1119.7	1120.0	1120.1
132.5°	1173.1	1173.0	1172.7	1172.4	1172.2	1171.9	1172.2	1172.4	1172.7	1173.0	1173.1
135°	1224.9	1224.6	1224.1	1223.6	1223.0	1222.5	1223.0	1223.6	1224.1	1224.6	1224.9
137.5°	1273.1	1272.7	1271.9	1271.2	1270.4	1269.6	1270.4	1271.2	1271.9	1272.7	1273.1
140°	1319.0	1318.3	1317.0	1315.7	1314.4	1313.1	1314.4	1315.7	1317.0	1318.3	1319.0
142.5°	1361.4	1360.7	1359.4	1358.1	1356.8	1355.5	1356.8	1358.1	1359.4	1360.7	1361.4
145°	1400.2	1399.5	1398.2	1396.9	1395.6	1394.3	1395.6	1396.9	1398.2	1399.5	1400.2
147.5°	1434.3	1433.8	1432.7	1431.7	1430.6	1429.6	1430.6	1431.7	1432.7	1433.8	1434.3
150°	1467.3	1466.6	1465.3	1464.0	1462.7	1461.4	1462.7	1464.0	1465.3	1466.6	1467.3
152.5°	1496.7	1495.8	1493.9	1492.1	1490.2	1488.4	1490.2	1492.1	1493.9	1495.8	1496.7
155°	1522.6	1521.5	1519.4	1517.3	1515.2	1513.1	1515.2	1517.3	1519.4	1521.5	1522.6
157.5°	1546.1	1545.1	1543.0	1540.9	1538.8	1536.7	1538.8	1540.9	1543.0	1545.1	1546.1
160°	1564.9	1564.0	1562.2	1560.3	1558.5	1556.7	1558.5	1560.3	1562.2	1564.0	1564.9
162.5°	1583.7	1582.5	1580.2	1577.8	1575.5	1573.1	1575.5	1577.8	1580.2	1582.5	1583.7
165°	1597.9	1597.0	1595.1	1593.3	1591.4	1589.6	1591.4	1593.3	1595.1	1597.0	1597.9
167.5°	1610.8	1609.6	1607.3	1604.9	1602.6	1600.2	1602.6	1604.9	1607.3	1609.6	1610.8
170°	1620.2	1619.0	1616.7	1614.3	1612.0	1609.6	1612.0	1614.3	1616.7	1619.0	1620.2
172.5°	1627.3	1626.1	1623.8	1621.4	1619.1	1616.7	1619.1	1621.4	1623.8	1626.1	1627.3
175°	1632.0	1630.7	1628.1	1625.4	1622.8	1620.2	1622.8	1625.4	1628.1	1630.7	1632.0
177.5°	1633.2	1632.0	1629.7	1627.3	1625.0	1622.6	1625.0	1627.3	1629.7	1632.0	1633.2
180°	1626.1	1626.1	1626.1	1626.1	1626.1	1626.1	1626.1	1626.1	1626.1	1626.1	1626.1

TEST NUMBER: P1029604

CATALOG NUMBER: S122DIW-B675D1240UB2750-4F0-XX-W2A-A_5000K

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
0°	1283.6	1283.6	1283.6	1283.6	1283.6	1283.6	1283.6	1283.6	1283.6	1283.6	1283.6
2.5°	1218.5	1226.4	1223.4	1212.6	1225.4	1225.4	1234.3	1234.3	1245.1	1249.1	1255.0
5°	1149.4	1155.3	1160.3	1155.3	1164.2	1178.0	1185.9	1192.8	1207.6	1213.5	1222.4
7.5°	1075.4	1086.3	1091.2	1091.2	1106.0	1121.8	1137.6	1147.4	1168.2	1176.1	1184.9
10°	1003.4	1016.2	1026.1	1025.1	1049.8	1059.6	1079.4	1102.1	1122.8	1134.6	1147.4
12.5°	927.4	934.3	948.1	967.9	973.8	991.6	1014.2	1042.9	1080.4	1091.2	1109.9
15°	864.3	883.0	893.9	902.8	916.6	933.3	958.0	985.6	1023.1	1046.8	1066.5
17.5°	811.0	835.7	842.6	840.6	858.4	884.0	912.6	933.3	966.9	995.5	1014.2
20°	767.6	777.5	789.3	794.2	808.0	835.7	863.3	887.0	914.6	937.3	959.0
22.5°	724.2	732.1	741.9	750.8	761.7	777.5	804.1	833.7	860.3	882.0	906.7
25°	688.7	693.6	702.5	709.4	721.2	732.1	750.8	783.4	814.9	827.8	849.5
27.5°	654.1	658.1	664.0	671.9	677.8	688.7	705.4	732.1	764.6	777.5	807.1
30°	623.5	626.5	632.4	636.4	639.3	652.2	665.0	685.7	710.4	728.1	749.8
32.5°	594.9	597.9	603.8	604.8	608.7	615.7	627.5	646.2	667.9	682.7	701.5
35°	563.4	565.3	571.3	573.2	576.2	582.1	591.0	604.8	624.5	635.4	652.2
37.5°	538.7	537.7	541.7	544.6	548.6	551.5	554.5	568.3	583.1	593.0	605.8
40°	512.1	510.1	511.1	515.0	517.0	520.9	520.9	534.7	544.6	552.5	562.4
42.5°	485.4	484.4	482.5	484.4	486.4	487.4	488.4	498.2	508.1	515.0	525.9
45°	458.8	457.8	455.8	456.8	456.8	458.8	461.7	465.7	472.6	478.5	484.4
47.5°	434.1	432.1	429.2	428.2	430.2	430.2	430.2	434.1	441.0	443.0	448.9
50°	408.5	405.5	401.6	399.6	399.6	398.6	400.6	401.6	407.5	409.4	414.4
52.5°	380.8	378.9	374.9	371.0	372.0	370.0	371.0	372.0	373.9	376.9	379.8
55°	353.2	349.3	346.3	345.3	342.4	342.4	339.4	343.3	342.4	343.3	347.3
57.5°	326.6	322.6	317.7	315.7	312.8	311.8	309.8	308.8	309.8	312.8	315.7
60°	295.0	293.0	290.1	287.1	285.1	282.2	280.2	280.2	279.2	279.2	280.2
62.5°	264.4	263.4	259.5	258.5	256.5	254.5	251.6	249.6	249.6	251.6	252.6
65°	234.8	233.8	230.9	229.9	224.9	223.0	222.0	221.0	219.0	219.0	219.0
67.5°	207.2	204.2	204.2	199.3	195.4	193.4	191.4	190.4	190.4	190.4	191.4
70°	176.6	176.6	173.6	170.7	166.7	167.7	164.8	161.8	161.8	159.8	160.8
72.5°	147.0	146.0	143.1	142.1	139.1	136.2	134.2	136.2	133.2	132.2	133.2
75°	118.4	117.4	115.4	113.5	114.4	111.5	108.5	107.5	107.5	105.6	105.6
77.5°	90.8	92.7	88.8	87.8	85.8	83.9	82.9	81.9	81.9	81.9	83.9
80°	63.1	64.1	64.1	62.2	63.1	60.2	60.2	60.2	57.2	58.2	59.2
82.5°	40.5	40.5	39.5	40.5	39.5	39.5	38.5	38.5	37.5	37.5	38.5
85°	22.7	21.7	20.7	22.7	21.7	21.7	20.7	20.7	20.7	20.7	20.7
87.5°	4.9	5.9	5.9	5.9	5.9	6.9	6.9	6.9	7.9	7.9	7.9
90°	28.7	27.4	26.1	24.8	23.5	21.4	19.3	17.2	15.1	14.1	12.7
92.5°	30.3	29.8	29.3	28.7	28.2	27.4	26.6	25.9	25.1	24.7	25.2
95°	51.1	49.8	48.5	47.2	45.9	44.1	42.3	40.4	38.6	37.7	42.0
97.5°	63.1	62.3	61.6	60.8	60.0	55.8	51.6	47.5	43.3	41.2	51.9
100°	75.5	73.4	71.3	69.2	67.1	62.7	58.2	53.8	49.3	47.1	65.0
102.5°	81.0	78.1	75.2	72.3	69.4	117.0	164.6	212.2	259.8	283.6	283.9
105°	83.3	80.4	77.5	74.7	71.8	143.2	214.6	285.9	357.3	393.0	389.1
107.5°	85.7	82.8	79.9	77.0	74.1	162.2	250.3	338.4	426.5	470.6	467.3
110°	101.3	127.4	153.6	179.7	205.9	281.5	357.1	432.6	508.2	546.0	543.2

TEST NUMBER: P1029604

CATALOG NUMBER: S122DIW-B675D1240UB2750-4F0-XX-W2A-A_5000K

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
112.5°	146.9	259.6	372.3	485.0	597.7	602.1	606.6	611.0	615.5	617.7	615.3
115°	241.7	362.8	483.9	604.9	726.0	719.5	712.9	706.4	699.9	696.6	694.4
117.5°	640.0	677.4	714.7	752.1	789.5	785.1	780.6	776.2	771.7	769.5	766.9
120°	875.0	871.9	868.8	865.6	862.5	857.8	853.1	848.4	843.7	841.3	839.3
122.5°	938.1	936.6	935.0	933.5	931.9	926.7	921.5	916.2	911.0	908.4	906.3
125°	1001.6	999.7	997.9	996.0	994.2	989.2	984.3	979.3	974.4	971.9	970.2
127.5°	1062.4	1059.8	1057.1	1054.5	1051.9	1048.0	1044.1	1040.2	1036.3	1034.3	1032.5
130°	1118.7	1115.8	1112.9	1110.1	1107.2	1104.3	1101.5	1098.6	1095.7	1094.3	1092.2
132.5°	1171.9	1169.6	1167.2	1164.9	1162.5	1159.6	1156.8	1153.9	1151.0	1149.6	1147.9
135°	1223.6	1221.0	1218.3	1215.7	1213.1	1210.7	1208.4	1206.0	1203.7	1202.5	1200.4
137.5°	1271.8	1269.2	1266.5	1263.9	1261.3	1258.7	1256.1	1253.5	1250.9	1249.6	1248.0
140°	1317.8	1315.5	1313.1	1310.8	1308.4	1305.5	1302.7	1299.8	1296.9	1295.5	1294.5
142.5°	1360.3	1358.2	1356.1	1354.0	1351.9	1348.5	1345.1	1341.7	1338.3	1336.6	1335.7
145°	1399.3	1397.4	1395.6	1393.7	1391.9	1387.5	1383.0	1378.6	1374.1	1371.9	1372.0
147.5°	1433.6	1432.3	1431.0	1429.7	1428.4	1424.0	1419.5	1415.1	1410.6	1408.4	1408.8
150°	1466.5	1464.9	1463.4	1461.8	1460.2	1456.0	1451.8	1447.7	1443.5	1441.4	1442.3
152.5°	1495.9	1494.3	1492.8	1491.2	1489.6	1485.7	1481.8	1477.9	1474.0	1472.0	1473.0
155°	1521.8	1520.2	1518.7	1517.1	1515.5	1512.4	1509.2	1506.1	1503.0	1501.4	1502.6
157.5°	1545.2	1543.3	1541.5	1539.6	1537.8	1535.5	1533.1	1530.8	1528.5	1527.3	1528.3
160°	1564.1	1562.6	1561.0	1559.5	1557.9	1556.3	1554.7	1553.2	1551.6	1550.8	1551.6
162.5°	1582.8	1581.0	1579.1	1577.3	1575.5	1574.2	1572.9	1571.6	1570.3	1569.6	1570.4
165°	1597.0	1595.1	1593.3	1591.4	1589.6	1588.8	1588.0	1587.3	1586.5	1586.1	1586.9
167.5°	1609.9	1608.1	1606.2	1604.4	1602.6	1601.8	1601.0	1600.2	1599.4	1599.0	1599.8
170°	1619.3	1617.5	1615.6	1613.8	1612.0	1611.5	1610.9	1610.4	1609.9	1609.6	1610.4
172.5°	1626.4	1624.5	1622.7	1620.8	1619.0	1618.5	1618.0	1617.5	1617.0	1616.7	1617.5
175°	1631.1	1629.2	1627.4	1625.5	1623.7	1623.2	1622.7	1622.2	1621.7	1621.4	1622.3
177.5°	1632.3	1630.4	1628.6	1626.7	1624.9	1624.6	1624.4	1624.1	1623.8	1623.7	1624.6
180°	1626.1	1626.1	1626.1	1626.1	1626.1	1626.1	1626.1	1626.1	1626.1	1626.1	1626.1

TEST NUMBER: P1029604

CATALOG NUMBER: S122DIW-B675D1240UB2750-4F0-XX-W2A-A_5000K

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
0°	1283.6	1283.6	1283.6	1283.6
2.5°	1259.9	1259.9	1274.7	1290.5
5°	1232.3	1239.2	1262.9	1284.6
7.5°	1205.7	1217.5	1247.1	1274.7
10°	1173.1	1188.9	1225.4	1257.9
12.5°	1141.5	1156.3	1198.7	1235.2
15°	1097.1	1115.9	1161.3	1206.6
17.5°	1052.7	1071.5	1126.7	1180.0
20°	1000.4	1025.1	1087.3	1158.3
22.5°	952.1	982.7	1051.7	1109.0
25°	898.8	946.2	1010.3	1084.3
27.5°	851.5	898.8	963.9	1038.9
30°	798.2	846.5	913.6	982.7
32.5°	746.9	791.3	856.4	941.2
35°	693.6	736.0	799.2	885.0
37.5°	645.3	686.7	755.8	834.7
40°	597.9	641.3	700.5	779.4
42.5°	553.5	592.0	645.3	724.2
45°	513.0	540.7	590.0	664.0
47.5°	470.6	495.3	540.7	614.7
50°	431.2	451.9	491.3	560.4
52.5°	392.7	410.4	446.9	502.2
55°	358.1	374.9	401.6	455.8
57.5°	322.6	335.5	361.1	404.5
60°	288.1	299.9	320.7	356.2
62.5°	253.6	263.4	283.2	311.8
65°	223.0	230.9	245.7	270.3
67.5°	193.4	198.3	210.2	229.9
70°	164.8	168.7	178.6	194.4
72.5°	134.2	138.1	149.0	159.8
75°	108.5	109.5	117.4	126.3
77.5°	84.8	83.9	89.8	96.7
80°	58.2	61.2	66.1	69.1
82.5°	39.5	40.5	42.4	44.4
85°	21.7	22.7	22.7	25.7
87.5°	8.9	9.9	9.9	10.9
90°	9.8	6.9	4.1	1.2
92.5°	26.3	27.3	28.4	29.4
95°	50.6	59.3	67.9	76.5
97.5°	73.4	94.8	116.3	137.7
100°	100.8	136.7	172.5	208.3
102.5°	284.4	284.9	285.4	285.9
105°	381.2	373.4	365.5	357.7
107.5°	460.8	454.3	447.7	441.2
110°	537.7	532.2	526.7	521.2

TEST NUMBER: P1029604

CATALOG NUMBER: S122DIW-B675D1240UB2750-4F0-XX-W2A-A_5000K

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
112.5°	610.6	605.9	601.2	596.5
115°	689.9	685.5	681.0	676.6
117.5°	761.7	756.4	751.2	746.0
120°	835.4	831.5	827.5	823.6
122.5°	902.1	897.9	893.7	889.5
125°	966.8	963.4	960.0	956.6
127.5°	1028.8	1025.1	1021.5	1017.8
130°	1088.0	1083.8	1079.6	1075.4
132.5°	1144.5	1141.1	1137.7	1134.3
135°	1196.2	1192.1	1187.9	1183.7
137.5°	1244.9	1241.8	1238.6	1235.5
140°	1292.4	1290.3	1288.2	1286.1
142.5°	1333.9	1332.0	1330.2	1328.4
145°	1372.3	1372.6	1372.8	1373.1
147.5°	1409.6	1410.3	1411.1	1411.9
150°	1444.1	1446.0	1447.8	1449.6
152.5°	1475.1	1477.2	1479.3	1481.4
155°	1504.9	1507.3	1509.6	1512.0
157.5°	1530.4	1532.5	1534.6	1536.7
160°	1553.2	1554.7	1556.3	1557.9
162.5°	1572.0	1573.5	1575.1	1576.7
165°	1588.4	1590.0	1591.5	1593.1
167.5°	1601.4	1602.9	1604.5	1606.1
170°	1612.0	1613.5	1615.1	1616.7
172.5°	1619.0	1620.6	1622.1	1623.7
175°	1624.1	1626.0	1627.8	1629.6
177.5°	1626.5	1628.3	1630.2	1632.0
180°	1626.1	1626.1	1626.1	1626.1

(END OF REPORT)