

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: P1029599

Luminaire Tested: S122DIW-B675D1240UB2750-4F0-XX-W2A-A1_5000K

Issue Date: 5/6/2025

Test Information

Test Method: LM-79-2019
Report Number: P1029599
REPORT IS A COMBINATION OF REPORTS P986381 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-A1_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

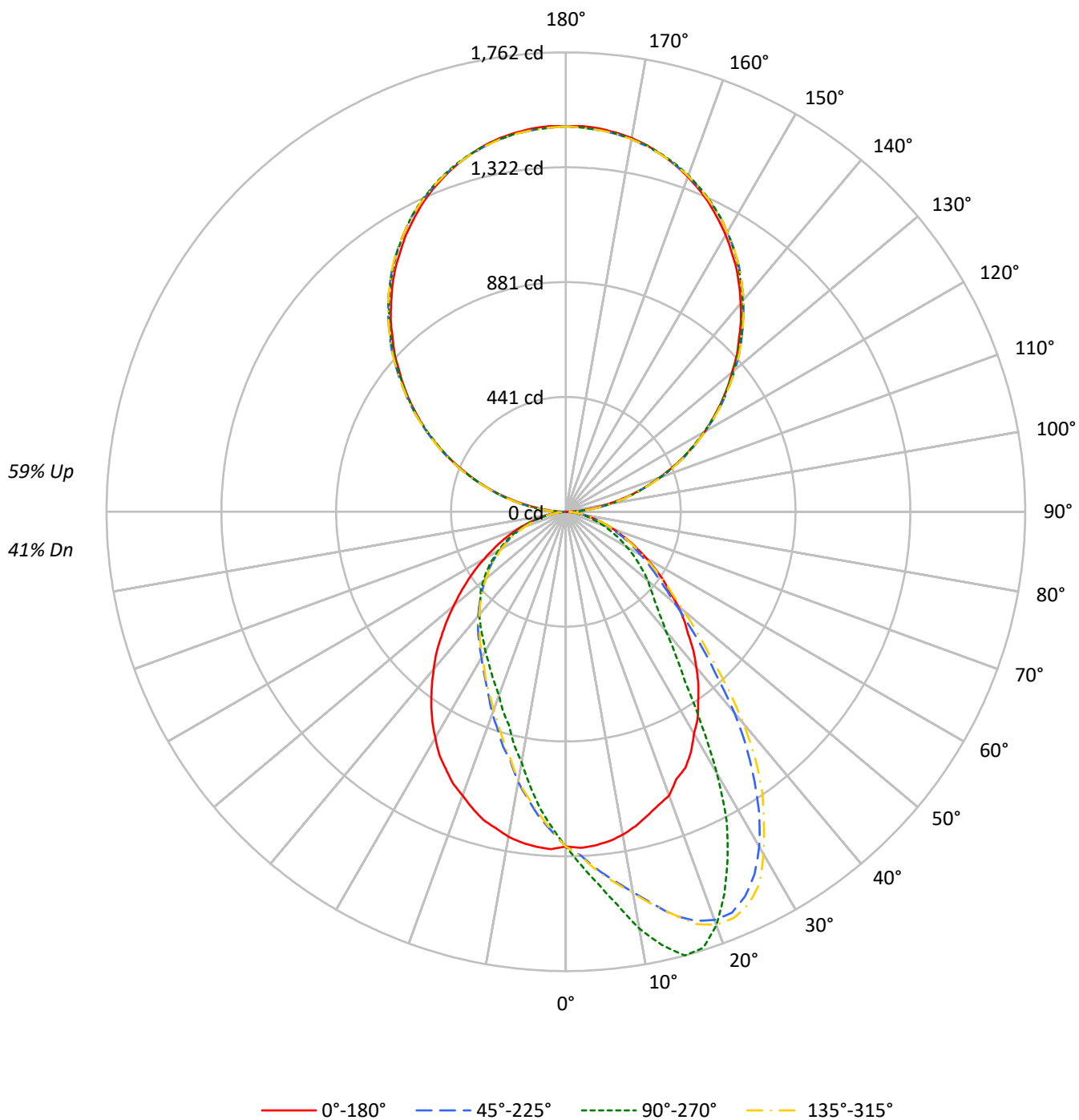
Lumens per Lamp: N/A
Luminaire Lumens: 6969.0 lumens
Efficiency: N/A
Efficacy: 89.3 lumens/watt
Spacing Criteria (0/90/45): 1.16 / 1.09 / 1.23
Luminous Opening: Rectangular w/ Sides (W: 0.17' x L: 4' x H: 0.1')
CIE Type: General Diffuse

Input Watts (W): 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: P1029599

CATALOG NUMBER: S122DIW-B675D1240UB2750-4F0-XX-W2A-A1_5000K

Luminous Intensity Polar Plot



TEST NUMBER: P1029599

CATALOG NUMBER: S122DIW-B675D1240UB2750-4F0-XX-W2A-A1_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	105	105	105	105	96	96	96	96	78	78	78	62	62	62	48	48	48			41
1	96	92	88	85	87	84	81	78	69	67	65	55	54	53	43	42	41			35
2	88	81	75	70	80	74	69	65	61	57	54	49	47	44	38	36	35			30
3	80	71	64	59	73	65	59	54	54	50	46	44	41	38	34	32	30			26
4	74	63	56	50	67	58	52	46	48	43	40	39	36	33	31	28	26			23
5	68	57	49	43	62	52	45	40	43	38	34	35	32	29	28	25	23			20
6	62	51	43	37	57	47	40	35	39	34	30	32	28	25	25	23	21			18
7	58	46	38	33	53	42	36	31	36	30	27	29	25	23	23	21	19			16
8	54	42	34	29	49	39	32	27	32	27	24	27	23	20	21	19	17			14
9	50	38	31	26	46	35	29	24	30	25	21	25	21	18	20	17	15			13
10	47	35	28	23	43	32	26	22	27	23	19	23	19	17	18	16	14			12

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: P1029599

CATALOG NUMBER: S122DIW-B675D1240UB2750-4F0-XX-W2A-A1_5000K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	122.3	1.8
10°-20°	355.8	5.1
20°-30°	516.4	7.4
30°-40°	544.4	7.8
40°-50°	481.8	6.9
50°-60°	384.7	5.5
60°-70°	261.3	3.7
70°-80°	133.7	1.9
80°-90°	35.8	0.5
90°-100°	91.4	1.3
100°-110°	290.7	4.2
110°-120°	497.4	7.1
120°-130°	654.2	9.4
130°-140°	734.3	10.5
140°-150°	720.1	10.3
150°-160°	604.0	8.7
160°-170°	400.6	5.7
170°-180°	140.0	2.0
0°-30°	994.6	14.3
0°-40°	1539.0	22.1
0°-60°	2405.4	34.5
0°-90°	2836.2	40.7
90°-120°	879.5	12.6
90°-150°	2988.1	42.9
90°-180°	4133.0	59.3
0°-180°	6969.0	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	42	1	42	1	6
95°	65	77	65	77	65	72
105°	268	277	268	277	268	283
115°	499	499	499	499	499	494
125°	726	728	726	728	726	649
135°	939	950	939	950	939	726
145°	1140	1153	1140	1153	1140	712
155°	1304	1314	1304	1314	1304	600
165°	1418	1420	1418	1420	1418	400
175°	1476	1471	1476	1471	1476	140
180°	1478	1478	1478	1478	1478	

TEST NUMBER: P1029599

CATALOG NUMBER: S122DIW-B675D1240UB2750-4F0-XX-W2A-A1_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	4.5	7.9	11.2	14.5	16.2	19.3	25.4	31.5	37.6	43.7
92.5°	27.4	29.6	31.8	34.1	36.3	37.4	37.5	37.8	38.1	38.4	38.7
95°	64.9	67.7	70.4	73.2	75.9	77.3	77.6	78.1	78.7	79.2	79.8
97.5°	108.5	111.0	113.5	116.0	118.5	119.8	120.3	121.4	122.5	123.6	124.7
100°	158.4	160.6	162.8	165.1	167.3	168.4	168.8	169.6	170.5	171.3	172.1
102.5°	210.8	212.5	214.1	215.8	217.5	218.3	218.9	220.0	221.1	222.2	223.3
105°	268.2	269.0	269.8	270.7	271.5	271.9	272.2	272.7	273.3	273.8	274.4
107.5°	325.6	326.7	327.8	328.9	330.0	330.6	330.6	330.6	330.6	330.6	330.6
110°	380.5	382.2	383.8	385.5	387.2	388.0	388.0	388.0	388.0	388.0	388.0

TEST NUMBER: P1029599

CATALOG NUMBER: S122DIW-B675D1240UB2750-4F0-XX-W2A-A1_5000K

CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	440.3	442.0	443.6	445.3	447.0	447.8	447.7	447.4	447.1	446.9	446.6
115°	499.0	500.7	502.3	504.0	505.7	506.5	506.2	505.7	505.1	504.6	504.0
117.5°	557.6	559.8	562.0	564.3	566.5	567.6	566.9	565.5	564.1	562.7	561.3
120°	616.2	618.4	620.6	622.9	625.1	626.2	625.1	622.9	620.6	618.4	616.2
122.5°	669.9	672.7	675.4	678.2	680.9	682.3	681.6	680.2	678.9	677.5	676.1
125°	726.0	728.5	731.0	733.5	736.0	737.2	736.8	736.0	735.1	734.3	733.5
127.5°	780.9	783.9	787.0	790.0	793.1	794.6	794.0	792.9	791.8	790.7	789.6
130°	832.0	835.6	839.2	842.9	846.5	848.3	848.0	847.5	846.9	846.4	845.8
132.5°	889.4	892.2	895.0	897.7	900.5	901.9	902.0	902.3	902.6	902.8	903.1
135°	939.3	942.3	945.4	948.4	951.5	953.0	953.3	953.8	954.4	954.9	955.5
137.5°	994.2	996.7	999.2	1001.7	1004.2	1005.4	1005.7	1006.2	1006.8	1007.3	1007.9
140°	1042.9	1045.4	1047.9	1050.4	1052.9	1054.1	1054.8	1056.2	1057.5	1058.9	1060.3
142.5°	1092.8	1095.3	1097.8	1100.3	1102.8	1104.0	1104.4	1105.2	1106.1	1106.9	1107.7
145°	1140.2	1142.1	1144.1	1146.0	1147.9	1148.9	1149.7	1151.4	1153.1	1154.7	1156.4
147.5°	1182.6	1185.1	1187.6	1190.1	1192.6	1193.8	1194.4	1195.5	1196.6	1197.7	1198.8
150°	1226.2	1227.9	1229.5	1231.2	1232.9	1233.7	1234.3	1235.4	1236.5	1237.6	1238.7
152.5°	1264.9	1266.6	1268.2	1269.9	1271.6	1272.4	1273.1	1274.5	1275.8	1277.2	1278.6
155°	1303.6	1304.4	1305.2	1306.1	1306.9	1307.3	1307.7	1308.6	1309.4	1310.3	1311.1
157.5°	1337.2	1337.8	1338.3	1338.9	1339.4	1339.7	1340.0	1340.5	1341.1	1341.6	1342.2
160°	1367.2	1367.8	1368.3	1368.9	1369.4	1369.7	1369.8	1370.1	1370.4	1370.6	1370.9
162.5°	1394.6	1394.6	1394.6	1394.6	1394.6	1394.6	1394.7	1395.0	1395.3	1395.6	1395.9
165°	1418.3	1418.0	1417.8	1417.5	1417.2	1417.1	1417.1	1417.1	1417.1	1417.1	1417.1
167.5°	1439.5	1438.7	1437.9	1437.0	1436.2	1435.8	1435.8	1435.8	1435.8	1435.8	1435.8
170°	1455.8	1455.0	1454.1	1453.3	1452.4	1452.0	1451.9	1451.6	1451.3	1451.1	1450.8
172.5°	1467.0	1466.2	1465.3	1464.5	1463.6	1463.2	1463.1	1462.8	1462.5	1462.3	1462.0
175°	1475.7	1474.9	1474.1	1473.2	1472.4	1472.0	1471.7	1471.2	1470.6	1470.1	1469.5
177.5°	1480.7	1479.9	1479.1	1478.2	1477.4	1477.0	1476.7	1476.2	1475.6	1475.1	1474.5
180°	1478.2	1478.2	1478.2	1478.2	1478.2	1478.2	1478.2	1478.2	1478.2	1478.2	1478.2

TEST NUMBER: P1029599

CATALOG NUMBER: S122DIW-B675D1240UB2750-4F0-XX-W2A-A1_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°	43.1	42.6	42.0	41.5	41.2	41.3	41.6	41.9	42.1	42.4	42.1
92.5°	39.0	39.2	39.5	39.8	39.9	39.9	39.9	39.9	39.9	39.9	39.9
95°	79.8	79.8	79.8	79.8	79.8	79.5	79.0	78.4	77.9	77.3	77.9
97.5°	124.7	124.7	124.7	124.7	124.7	124.7	124.7	124.7	124.7	124.7	124.7
100°	172.1	172.1	172.1	172.1	172.1	172.0	171.7	171.4	171.2	170.9	171.2
102.5°	223.6	223.8	224.1	224.4	224.5	224.4	224.1	223.8	223.6	223.3	223.6
105°	275.0	275.5	276.1	276.6	276.9	276.9	276.9	276.9	276.9	276.9	276.9
107.5°	330.9	331.1	331.4	331.7	331.8	331.1	329.7	328.4	327.0	325.6	327.0
110°	388.0	388.0	388.0	388.0	388.0	387.6	386.7	385.9	385.0	384.2	385.0

TEST NUMBER: P1029599

CATALOG NUMBER: S122DIW-B675D1240UB2750-4F0-XX-W2A-A1_5000K

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	445.8	444.9	444.1	443.2	442.8	442.5	442.0	441.4	440.9	440.3	440.9
115°	503.7	503.4	503.1	502.8	502.7	502.3	501.5	500.6	499.8	499.0	499.8
117.5°	560.5	559.7	558.8	558.0	557.6	557.2	556.4	555.5	554.7	553.9	554.7
120°	616.2	616.2	616.2	616.2	616.2	615.8	615.0	614.1	613.3	612.5	613.3
122.5°	675.3	674.5	673.6	672.8	672.4	672.1	671.6	671.0	670.5	669.9	670.5
125°	732.7	731.8	731.0	730.1	729.7	729.6	729.3	729.0	728.8	728.5	728.8
127.5°	788.5	787.4	786.3	785.2	784.6	784.2	783.4	782.5	781.7	780.9	781.7
130°	845.2	844.7	844.1	843.6	843.3	842.7	841.6	840.5	839.4	838.3	839.4
132.5°	901.7	900.3	899.0	897.6	896.9	896.5	895.7	894.8	894.0	893.2	894.0
135°	955.2	955.0	954.7	954.4	954.3	953.9	953.0	952.2	951.3	950.5	951.3
137.5°	1007.6	1007.4	1007.1	1006.8	1006.7	1006.1	1005.0	1003.9	1002.8	1001.7	1002.8
140°	1060.3	1060.3	1060.3	1060.3	1060.3	1059.7	1058.6	1057.5	1056.4	1055.3	1056.4
142.5°	1108.0	1108.3	1108.6	1108.9	1109.0	1108.4	1107.3	1106.2	1105.1	1104.0	1105.1
145°	1156.7	1156.9	1157.2	1157.5	1157.6	1157.0	1155.9	1154.8	1153.7	1152.6	1153.7
147.5°	1199.4	1199.9	1200.5	1201.0	1201.3	1200.7	1199.6	1198.5	1197.4	1196.3	1197.4
150°	1239.5	1240.3	1241.2	1242.0	1242.4	1242.0	1241.2	1240.3	1239.5	1238.7	1239.5
152.5°	1279.7	1280.8	1281.9	1283.0	1283.6	1283.0	1281.9	1280.8	1279.7	1278.6	1279.7
155°	1312.5	1313.9	1315.2	1316.6	1317.3	1316.9	1316.0	1315.2	1314.3	1313.5	1314.3
157.5°	1344.2	1346.1	1348.1	1350.0	1351.0	1350.3	1348.9	1347.5	1346.1	1344.7	1346.1
160°	1372.6	1374.2	1375.9	1377.6	1378.4	1377.8	1376.7	1375.6	1374.5	1373.4	1374.5
162.5°	1397.8	1399.8	1401.7	1403.6	1404.6	1403.9	1402.5	1401.2	1399.8	1398.4	1399.8
165°	1419.0	1421.0	1422.9	1424.8	1425.8	1425.1	1423.7	1422.4	1421.0	1419.6	1421.0
167.5°	1437.7	1439.7	1441.6	1443.5	1444.5	1443.8	1442.4	1441.1	1439.7	1438.3	1439.7
170°	1452.7	1454.7	1456.6	1458.5	1459.5	1458.7	1457.0	1455.3	1453.7	1452.0	1453.7
172.5°	1463.9	1465.9	1467.8	1469.7	1470.7	1469.9	1468.2	1466.5	1464.9	1463.2	1464.9
175°	1471.4	1473.4	1475.3	1477.2	1478.2	1477.4	1475.7	1474.0	1472.4	1470.7	1472.4
177.5°	1476.2	1477.8	1479.5	1481.2	1482.0	1481.2	1479.5	1477.8	1476.2	1474.5	1476.2
180°	1478.2	1478.2	1478.2	1478.2	1478.2	1478.2	1478.2	1478.2	1478.2	1478.2	1478.2

TEST NUMBER: P1029599

CATALOG NUMBER: S122DIW-B675D1240UB2750-4F0-XX-W2A-A1_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°	41.9	41.6	41.3	41.2	41.5	42.0	42.6	43.1	43.7	37.6	31.5
92.5°	39.9	39.9	39.9	39.9	39.8	39.5	39.2	39.0	38.7	38.4	38.1
95°	78.4	79.0	79.5	79.8	79.8	79.8	79.8	79.8	79.8	79.2	78.7
97.5°	124.7	124.7	124.7	124.7	124.7	124.7	124.7	124.7	124.7	123.6	122.5
100°	171.4	171.7	172.0	172.1	172.1	172.1	172.1	172.1	172.1	171.3	170.5
102.5°	223.8	224.1	224.4	224.5	224.4	224.1	223.8	223.6	223.3	222.2	221.1
105°	276.9	276.9	276.9	276.9	276.6	276.1	275.5	275.0	274.4	273.8	273.3
107.5°	328.4	329.7	331.1	331.8	331.7	331.4	331.1	330.9	330.6	330.6	330.6
110°	385.9	386.7	387.6	388.0	388.0	388.0	388.0	388.0	388.0	388.0	388.0

TEST NUMBER: P1029599

CATALOG NUMBER: S122DIW-B675D1240UB2750-4F0-XX-W2A-A1_5000K

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	441.4	442.0	442.5	442.8	443.2	444.1	444.9	445.8	446.6	446.9	447.1
115°	500.6	501.5	502.3	502.7	502.8	503.1	503.4	503.7	504.0	504.6	505.1
117.5°	555.5	556.4	557.2	557.6	558.0	558.8	559.7	560.5	561.3	562.7	564.1
120°	614.1	615.0	615.8	616.2	616.2	616.2	616.2	616.2	616.2	618.4	620.6
122.5°	671.0	671.6	672.1	672.4	672.8	673.6	674.5	675.3	676.1	677.5	678.9
125°	729.0	729.3	729.6	729.7	730.1	731.0	731.8	732.7	733.5	734.3	735.1
127.5°	782.5	783.4	784.2	784.6	785.2	786.3	787.4	788.5	789.6	790.7	791.8
130°	840.5	841.6	842.7	843.3	843.6	844.1	844.7	845.2	845.8	846.4	846.9
132.5°	894.8	895.7	896.5	896.9	897.6	899.0	900.3	901.7	903.1	902.8	902.6
135°	952.2	953.0	953.9	954.3	954.4	954.7	955.0	955.2	955.5	954.9	954.4
137.5°	1003.9	1005.0	1006.1	1006.7	1006.8	1007.1	1007.4	1007.6	1007.9	1007.3	1006.8
140°	1057.5	1058.6	1059.7	1060.3	1060.3	1060.3	1060.3	1060.3	1060.3	1058.9	1057.5
142.5°	1106.2	1107.3	1108.4	1109.0	1108.9	1108.6	1108.3	1108.0	1107.7	1106.9	1106.1
145°	1154.8	1155.9	1157.0	1157.6	1157.5	1157.2	1156.9	1156.7	1156.4	1154.7	1153.1
147.5°	1198.5	1199.6	1200.7	1201.3	1201.0	1200.5	1199.9	1199.4	1198.8	1197.7	1196.6
150°	1240.3	1241.2	1242.0	1242.4	1242.0	1241.2	1240.3	1239.5	1238.7	1237.6	1236.5
152.5°	1280.8	1281.9	1283.0	1283.6	1283.0	1281.9	1280.8	1279.7	1278.6	1277.2	1275.8
155°	1315.2	1316.0	1316.9	1317.3	1316.6	1315.2	1313.9	1312.5	1311.1	1310.3	1309.4
157.5°	1347.5	1348.9	1350.3	1351.0	1350.0	1348.1	1346.1	1344.2	1342.2	1341.6	1341.1
160°	1375.6	1376.7	1377.8	1378.4	1377.6	1375.9	1374.2	1372.6	1370.9	1370.6	1370.4
162.5°	1401.2	1402.5	1403.9	1404.6	1403.6	1401.7	1399.8	1397.8	1395.9	1395.6	1395.3
165°	1422.4	1423.7	1425.1	1425.8	1424.8	1422.9	1421.0	1419.0	1417.1	1417.1	1417.1
167.5°	1441.1	1442.4	1443.8	1444.5	1443.5	1441.6	1439.7	1437.7	1435.8	1435.8	1435.8
170°	1455.3	1457.0	1458.7	1459.5	1458.5	1456.6	1454.7	1452.7	1450.8	1451.1	1451.3
172.5°	1466.5	1468.2	1469.9	1470.7	1469.7	1467.8	1465.9	1463.9	1462.0	1462.3	1462.5
175°	1474.0	1475.7	1477.4	1478.2	1477.2	1475.3	1473.4	1471.4	1469.5	1470.1	1470.6
177.5°	1477.8	1479.5	1481.2	1482.0	1481.2	1479.5	1477.8	1476.2	1474.5	1475.1	1475.6
180°	1478.2	1478.2	1478.2	1478.2	1478.2	1478.2	1478.2	1478.2	1478.2	1478.2	1478.2

TEST NUMBER: P1029599

CATALOG NUMBER: S122DIW-B675D1240UB2750-4F0-XX-W2A-A1_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°	25.4	19.3	16.2	14.5	11.2	7.9	4.5	1.2	4.5	7.9	11.2
92.5°	37.8	37.5	37.4	36.3	34.1	31.8	29.6	27.4	29.6	31.8	34.1
95°	78.1	77.6	77.3	75.9	73.2	70.4	67.7	64.9	67.7	70.4	73.2
97.5°	121.4	120.3	119.8	118.5	116.0	113.5	111.0	108.5	111.0	113.5	116.0
100°	169.6	168.8	168.4	167.3	165.1	162.8	160.6	158.4	160.6	162.8	165.1
102.5°	220.0	218.9	218.3	217.5	215.8	214.1	212.5	210.8	212.5	214.1	215.8
105°	272.7	272.2	271.9	271.5	270.7	269.8	269.0	268.2	269.0	269.8	270.7
107.5°	330.6	330.6	330.6	330.0	328.9	327.8	326.7	325.6	326.7	327.8	328.9
110°	388.0	388.0	388.0	387.2	385.5	383.8	382.2	380.5	382.2	383.8	385.5

TEST NUMBER: P1029599

CATALOG NUMBER: S122DIW-B675D1240UB2750-4F0-XX-W2A-A1_5000K

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
112.5°	447.4	447.7	447.8	447.0	445.3	443.6	442.0	440.3	442.0	443.6	445.3
115°	505.7	506.2	506.5	505.7	504.0	502.3	500.7	499.0	500.7	502.3	504.0
117.5°	565.5	566.9	567.6	566.5	564.3	562.0	559.8	557.6	559.8	562.0	564.3
120°	622.9	625.1	626.2	625.1	622.9	620.6	618.4	616.2	618.4	620.6	622.9
122.5°	680.2	681.6	682.3	680.9	678.2	675.4	672.7	669.9	672.7	675.4	678.2
125°	736.0	736.8	737.2	736.0	733.5	731.0	728.5	726.0	728.5	731.0	733.5
127.5°	792.9	794.0	794.6	793.1	790.0	787.0	783.9	780.9	783.9	787.0	790.0
130°	847.5	848.0	848.3	846.5	842.9	839.2	835.6	832.0	835.6	839.2	842.9
132.5°	902.3	902.0	901.9	900.5	897.7	895.0	892.2	889.4	892.2	895.0	897.7
135°	953.8	953.3	953.0	951.5	948.4	945.4	942.3	939.3	942.3	945.4	948.4
137.5°	1006.2	1005.7	1005.4	1004.2	1001.7	999.2	996.7	994.2	996.7	999.2	1001.7
140°	1056.2	1054.8	1054.1	1052.9	1050.4	1047.9	1045.4	1042.9	1045.4	1047.9	1050.4
142.5°	1105.2	1104.4	1104.0	1102.8	1100.3	1097.8	1095.3	1092.8	1095.3	1097.8	1100.3
145°	1151.4	1149.7	1148.9	1147.9	1146.0	1144.1	1142.1	1140.2	1142.1	1144.1	1146.0
147.5°	1195.5	1194.4	1193.8	1192.6	1190.1	1187.6	1185.1	1182.6	1185.1	1187.6	1190.1
150°	1235.4	1234.3	1233.7	1232.9	1231.2	1229.5	1227.9	1226.2	1227.9	1229.5	1231.2
152.5°	1274.5	1273.1	1272.4	1271.6	1269.9	1268.2	1266.6	1264.9	1266.6	1268.2	1269.9
155°	1308.6	1307.7	1307.3	1306.9	1306.1	1305.2	1304.4	1303.6	1304.4	1305.2	1306.1
157.5°	1340.5	1340.0	1339.7	1339.4	1338.9	1338.3	1337.8	1337.2	1337.8	1338.3	1338.9
160°	1370.1	1369.8	1369.7	1369.4	1368.9	1368.3	1367.8	1367.2	1367.8	1368.3	1368.9
162.5°	1395.0	1394.7	1394.6	1394.6	1394.6	1394.6	1394.6	1394.6	1394.6	1394.6	1394.6
165°	1417.1	1417.1	1417.1	1417.2	1417.5	1417.8	1418.0	1418.3	1418.0	1417.8	1417.5
167.5°	1435.8	1435.8	1435.8	1436.2	1437.0	1437.9	1438.7	1439.5	1438.7	1437.9	1437.0
170°	1451.6	1451.9	1452.0	1452.4	1453.3	1454.1	1455.0	1455.8	1455.0	1454.1	1453.3
172.5°	1462.8	1463.1	1463.2	1463.6	1464.5	1465.3	1466.2	1467.0	1466.2	1465.3	1464.5
175°	1471.2	1471.7	1472.0	1472.4	1473.2	1474.1	1474.9	1475.7	1474.9	1474.1	1473.2
177.5°	1476.2	1476.7	1477.0	1477.4	1478.2	1479.1	1479.9	1480.7	1479.9	1479.1	1478.2
180°	1478.2	1478.2	1478.2	1478.2	1478.2	1478.2	1478.2	1478.2	1478.2	1478.2	1478.2

TEST NUMBER: P1029599

CATALOG NUMBER: S122DIW-B675D1240UB2750-4F0-XX-W2A-A1_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°	14.5	16.2	19.3	25.4	31.5	37.6	43.7	43.1	42.6	42.0	41.5
92.5°	36.3	37.4	37.5	37.8	38.1	38.4	38.7	39.0	39.2	39.5	39.8
95°	75.9	77.3	77.6	78.1	78.7	79.2	79.8	79.8	79.8	79.8	79.8
97.5°	118.5	119.8	120.3	121.4	122.5	123.6	124.7	124.7	124.7	124.7	124.7
100°	167.3	168.4	168.8	169.6	170.5	171.3	172.1	172.1	172.1	172.1	172.1
102.5°	217.5	218.3	218.9	220.0	221.1	222.2	223.3	223.6	223.8	224.1	224.4
105°	271.5	271.9	272.2	272.7	273.3	273.8	274.4	275.0	275.5	276.1	276.6
107.5°	330.0	330.6	330.6	330.6	330.6	330.6	330.6	330.9	331.1	331.4	331.7
110°	387.2	388.0	388.0	388.0	388.0	388.0	388.0	388.0	388.0	388.0	388.0

TEST NUMBER: P1029599

CATALOG NUMBER: S122DIW-B675D1240UB2750-4F0-XX-W2A-A1_5000K

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
112.5°	447.0	447.8	447.7	447.4	447.1	446.9	446.6	445.8	444.9	444.1	443.2
115°	505.7	506.5	506.2	505.7	505.1	504.6	504.0	503.7	503.4	503.1	502.8
117.5°	566.5	567.6	566.9	565.5	564.1	562.7	561.3	560.5	559.7	558.8	558.0
120°	625.1	626.2	625.1	622.9	620.6	618.4	616.2	616.2	616.2	616.2	616.2
122.5°	680.9	682.3	681.6	680.2	678.9	677.5	676.1	675.3	674.5	673.6	672.8
125°	736.0	737.2	736.8	736.0	735.1	734.3	733.5	732.7	731.8	731.0	730.1
127.5°	793.1	794.6	794.0	792.9	791.8	790.7	789.6	788.5	787.4	786.3	785.2
130°	846.5	848.3	848.0	847.5	846.9	846.4	845.8	845.2	844.7	844.1	843.6
132.5°	900.5	901.9	902.0	902.3	902.6	902.8	903.1	901.7	900.3	899.0	897.6
135°	951.5	953.0	953.3	953.8	954.4	954.9	955.5	955.2	955.0	954.7	954.4
137.5°	1004.2	1005.4	1005.7	1006.2	1006.8	1007.3	1007.9	1007.6	1007.4	1007.1	1006.8
140°	1052.9	1054.1	1054.8	1056.2	1057.5	1058.9	1060.3	1060.3	1060.3	1060.3	1060.3
142.5°	1102.8	1104.0	1104.4	1105.2	1106.1	1106.9	1107.7	1108.0	1108.3	1108.6	1108.9
145°	1147.9	1148.9	1149.7	1151.4	1153.1	1154.7	1156.4	1156.7	1156.9	1157.2	1157.5
147.5°	1192.6	1193.8	1194.4	1195.5	1196.6	1197.7	1198.8	1199.4	1199.9	1200.5	1201.0
150°	1232.9	1233.7	1234.3	1235.4	1236.5	1237.6	1238.7	1239.5	1240.3	1241.2	1242.0
152.5°	1271.6	1272.4	1273.1	1274.5	1275.8	1277.2	1278.6	1279.7	1280.8	1281.9	1283.0
155°	1306.9	1307.3	1307.7	1308.6	1309.4	1310.3	1311.1	1312.5	1313.9	1315.2	1316.6
157.5°	1339.4	1339.7	1340.0	1340.5	1341.1	1341.6	1342.2	1344.2	1346.1	1348.1	1350.0
160°	1369.4	1369.7	1369.8	1370.1	1370.4	1370.6	1370.9	1372.6	1374.2	1375.9	1377.6
162.5°	1394.6	1394.6	1394.7	1395.0	1395.3	1395.6	1395.9	1397.8	1399.8	1401.7	1403.6
165°	1417.2	1417.1	1417.1	1417.1	1417.1	1417.1	1417.1	1419.0	1421.0	1422.9	1424.8
167.5°	1436.2	1435.8	1435.8	1435.8	1435.8	1435.8	1435.8	1437.7	1439.7	1441.6	1443.5
170°	1452.4	1452.0	1451.9	1451.6	1451.3	1451.1	1450.8	1452.7	1454.7	1456.6	1458.5
172.5°	1463.6	1463.2	1463.1	1462.8	1462.5	1462.3	1462.0	1463.9	1465.9	1467.8	1469.7
175°	1472.4	1472.0	1471.7	1471.2	1470.6	1470.1	1469.5	1471.4	1473.4	1475.3	1477.2
177.5°	1477.4	1477.0	1476.7	1476.2	1475.6	1475.1	1474.5	1476.2	1477.8	1479.5	1481.2
180°	1478.2	1478.2	1478.2	1478.2	1478.2	1478.2	1478.2	1478.2	1478.2	1478.2	1478.2

TEST NUMBER: P1029599

CATALOG NUMBER: S122DIW-B675D1240UB2750-4F0-XX-W2A-A1_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°	41.2	41.3	41.6	41.9	42.1	42.4	42.1	41.9	41.6	41.3	41.2
92.5°	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9
95°	79.8	79.5	79.0	78.4	77.9	77.3	77.9	78.4	79.0	79.5	79.8
97.5°	124.7	124.7	124.7	124.7	124.7	124.7	124.7	124.7	124.7	124.7	124.7
100°	172.1	172.0	171.7	171.4	171.2	170.9	171.2	171.4	171.7	172.0	172.1
102.5°	224.5	224.4	224.1	223.8	223.6	223.3	223.6	223.8	224.1	224.4	224.5
105°	276.9	276.9	276.9	276.9	276.9	276.9	276.9	276.9	276.9	276.9	276.9
107.5°	331.8	331.1	329.7	328.4	327.0	325.6	327.0	328.4	329.7	331.1	331.8
110°	388.0	387.6	386.7	385.9	385.0	384.2	385.0	385.9	386.7	387.6	388.0



TEST NUMBER: P1029599

CATALOG NUMBER: S122DIW-B675D1240UB2750-4F0-XX-W2A-A1_5000K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
112.5°	442.8	442.5	442.0	441.4	440.9	440.3	440.9	441.4	442.0	442.5	442.8
115°	502.7	502.3	501.5	500.6	499.8	499.0	499.8	500.6	501.5	502.3	502.7
117.5°	557.6	557.2	556.4	555.5	554.7	553.9	554.7	555.5	556.4	557.2	557.6
120°	616.2	615.8	615.0	614.1	613.3	612.5	613.3	614.1	615.0	615.8	616.2
122.5°	672.4	672.1	671.6	671.0	670.5	669.9	670.5	671.0	671.6	672.1	672.4
125°	729.7	729.6	729.3	729.0	728.8	728.5	728.8	729.0	729.3	729.6	729.7
127.5°	784.6	784.2	783.4	782.5	781.7	780.9	781.7	782.5	783.4	784.2	784.6
130°	843.3	842.7	841.6	840.5	839.4	838.3	839.4	840.5	841.6	842.7	843.3
132.5°	896.9	896.5	895.7	894.8	894.0	893.2	894.0	894.8	895.7	896.5	896.9
135°	954.3	953.9	953.0	952.2	951.3	950.5	951.3	952.2	953.0	953.9	954.3
137.5°	1006.7	1006.1	1005.0	1003.9	1002.8	1001.7	1002.8	1003.9	1005.0	1006.1	1006.7
140°	1060.3	1059.7	1058.6	1057.5	1056.4	1055.3	1056.4	1057.5	1058.6	1059.7	1060.3
142.5°	1109.0	1108.4	1107.3	1106.2	1105.1	1104.0	1105.1	1106.2	1107.3	1108.4	1109.0
145°	1157.6	1157.0	1155.9	1154.8	1153.7	1152.6	1153.7	1154.8	1155.9	1157.0	1157.6
147.5°	1201.3	1200.7	1199.6	1198.5	1197.4	1196.3	1197.4	1198.5	1199.6	1200.7	1201.3
150°	1242.4	1242.0	1241.2	1240.3	1239.5	1238.7	1239.5	1240.3	1241.2	1242.0	1242.4
152.5°	1283.6	1283.0	1281.9	1280.8	1279.7	1278.6	1279.7	1280.8	1281.9	1283.0	1283.6
155°	1317.3	1316.9	1316.0	1315.2	1314.3	1313.5	1314.3	1315.2	1316.0	1316.9	1317.3
157.5°	1351.0	1350.3	1348.9	1347.5	1346.1	1344.7	1346.1	1347.5	1348.9	1350.3	1351.0
160°	1378.4	1377.8	1376.7	1375.6	1374.5	1373.4	1374.5	1375.6	1376.7	1377.8	1378.4
162.5°	1404.6	1403.9	1402.5	1401.2	1399.8	1398.4	1399.8	1401.2	1402.5	1403.9	1404.6
165°	1425.8	1425.1	1423.7	1422.4	1421.0	1419.6	1421.0	1422.4	1423.7	1425.1	1425.8
167.5°	1444.5	1443.8	1442.4	1441.1	1439.7	1438.3	1439.7	1441.1	1442.4	1443.8	1444.5
170°	1459.5	1458.7	1457.0	1455.3	1453.7	1452.0	1453.7	1455.3	1457.0	1458.7	1459.5
172.5°	1470.7	1469.9	1468.2	1466.5	1464.9	1463.2	1464.9	1466.5	1468.2	1469.9	1470.7
175°	1478.2	1477.4	1475.7	1474.0	1472.4	1470.7	1472.4	1474.0	1475.7	1477.4	1478.2
177.5°	1482.0	1481.2	1479.5	1477.8	1476.2	1474.5	1476.2	1477.8	1479.5	1481.2	1482.0
180°	1478.2	1478.2	1478.2	1478.2	1478.2	1478.2	1478.2	1478.2	1478.2	1478.2	1478.2

TEST NUMBER: P1029599

CATALOG NUMBER: S122DIW-B675D1240UB2750-4F0-XX-W2A-A1_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°	41.5	42.0	42.6	43.1	43.7	37.6	31.5	25.4	19.3	16.2	14.5
92.5°	39.8	39.5	39.2	39.0	38.7	38.4	38.1	37.8	37.5	37.4	36.3
95°	79.8	79.8	79.8	79.8	79.8	79.2	78.7	78.1	77.6	77.3	75.9
97.5°	124.7	124.7	124.7	124.7	124.7	123.6	122.5	121.4	120.3	119.8	118.5
100°	172.1	172.1	172.1	172.1	172.1	171.3	170.5	169.6	168.8	168.4	167.3
102.5°	224.4	224.1	223.8	223.6	223.3	222.2	221.1	220.0	218.9	218.3	217.5
105°	276.6	276.1	275.5	275.0	274.4	273.8	273.3	272.7	272.2	271.9	271.5
107.5°	331.7	331.4	331.1	330.9	330.6	330.6	330.6	330.6	330.6	330.6	330.0
110°	388.0	388.0	388.0	388.0	388.0	388.0	388.0	388.0	388.0	388.0	387.2



TEST NUMBER: P1029599

CATALOG NUMBER: S122DIW-B675D1240UB2750-4F0-XX-W2A-A1_5000K

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
112.5°	443.2	444.1	444.9	445.8	446.6	446.9	447.1	447.4	447.7	447.8	447.0
115°	502.8	503.1	503.4	503.7	504.0	504.6	505.1	505.7	506.2	506.5	505.7
117.5°	558.0	558.8	559.7	560.5	561.3	562.7	564.1	565.5	566.9	567.6	566.5
120°	616.2	616.2	616.2	616.2	616.2	618.4	620.6	622.9	625.1	626.2	625.1
122.5°	672.8	673.6	674.5	675.3	676.1	677.5	678.9	680.2	681.6	682.3	680.9
125°	730.1	731.0	731.8	732.7	733.5	734.3	735.1	736.0	736.8	737.2	736.0
127.5°	785.2	786.3	787.4	788.5	789.6	790.7	791.8	792.9	794.0	794.6	793.1
130°	843.6	844.1	844.7	845.2	845.8	846.4	846.9	847.5	848.0	848.3	846.5
132.5°	897.6	899.0	900.3	901.7	903.1	902.8	902.6	902.3	902.0	901.9	900.5
135°	954.4	954.7	955.0	955.2	955.5	954.9	954.4	953.8	953.3	953.0	951.5
137.5°	1006.8	1007.1	1007.4	1007.6	1007.9	1007.3	1006.8	1006.2	1005.7	1005.4	1004.2
140°	1060.3	1060.3	1060.3	1060.3	1060.3	1058.9	1057.5	1056.2	1054.8	1054.1	1052.9
142.5°	1108.9	1108.6	1108.3	1108.0	1107.7	1106.9	1106.1	1105.2	1104.4	1104.0	1102.8
145°	1157.5	1157.2	1156.9	1156.7	1156.4	1154.7	1153.1	1151.4	1149.7	1148.9	1147.9
147.5°	1201.0	1200.5	1199.9	1199.4	1198.8	1197.7	1196.6	1195.5	1194.4	1193.8	1192.6
150°	1242.0	1241.2	1240.3	1239.5	1238.7	1237.6	1236.5	1235.4	1234.3	1233.7	1232.9
152.5°	1283.0	1281.9	1280.8	1279.7	1278.6	1277.2	1275.8	1274.5	1273.1	1272.4	1271.6
155°	1316.6	1315.2	1313.9	1312.5	1311.1	1310.3	1309.4	1308.6	1307.7	1307.3	1306.9
157.5°	1350.0	1348.1	1346.1	1344.2	1342.2	1341.6	1341.1	1340.5	1340.0	1339.7	1339.4
160°	1377.6	1375.9	1374.2	1372.6	1370.9	1370.6	1370.4	1370.1	1369.8	1369.7	1369.4
162.5°	1403.6	1401.7	1399.8	1397.8	1395.9	1395.6	1395.3	1395.0	1394.7	1394.6	1394.6
165°	1424.8	1422.9	1421.0	1419.0	1417.1	1417.1	1417.1	1417.1	1417.1	1417.1	1417.2
167.5°	1443.5	1441.6	1439.7	1437.7	1435.8	1435.8	1435.8	1435.8	1435.8	1435.8	1436.2
170°	1458.5	1456.6	1454.7	1452.7	1450.8	1451.1	1451.3	1451.6	1451.9	1452.0	1452.4
172.5°	1469.7	1467.8	1465.9	1463.9	1462.0	1462.3	1462.5	1462.8	1463.1	1463.2	1463.6
175°	1477.2	1475.3	1473.4	1471.4	1469.5	1470.1	1470.6	1471.2	1471.7	1472.0	1472.4
177.5°	1481.2	1479.5	1477.8	1476.2	1474.5	1475.1	1475.6	1476.2	1476.7	1477.0	1477.4
180°	1478.2	1478.2	1478.2	1478.2	1478.2	1478.2	1478.2	1478.2	1478.2	1478.2	1478.2

TEST NUMBER: P1029599

CATALOG NUMBER: S122DIW-B675D1240UB2750-4F0-XX-W2A-A1_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°	11.2	7.9	4.5	1.2
92.5°	34.1	31.8	29.6	27.4
95°	73.2	70.4	67.7	64.9
97.5°	116.0	113.5	111.0	108.5
100°	165.1	162.8	160.6	158.4
102.5°	215.8	214.1	212.5	210.8
105°	270.7	269.8	269.0	268.2
107.5°	328.9	327.8	326.7	325.6
110°	385.5	383.8	382.2	380.5

TEST NUMBER: P1029599

CATALOG NUMBER: S122DIW-B675D1240UB2750-4F0-XX-W2A-A1_5000K

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
112.5°	445.3	443.6	442.0	440.3
115°	504.0	502.3	500.7	499.0
117.5°	564.3	562.0	559.8	557.6
120°	622.9	620.6	618.4	616.2
122.5°	678.2	675.4	672.7	669.9
125°	733.5	731.0	728.5	726.0
127.5°	790.0	787.0	783.9	780.9
130°	842.9	839.2	835.6	832.0
132.5°	897.7	895.0	892.2	889.4
135°	948.4	945.4	942.3	939.3
137.5°	1001.7	999.2	996.7	994.2
140°	1050.4	1047.9	1045.4	1042.9
142.5°	1100.3	1097.8	1095.3	1092.8
145°	1146.0	1144.1	1142.1	1140.2
147.5°	1190.1	1187.6	1185.1	1182.6
150°	1231.2	1229.5	1227.9	1226.2
152.5°	1269.9	1268.2	1266.6	1264.9
155°	1306.1	1305.2	1304.4	1303.6
157.5°	1338.9	1338.3	1337.8	1337.2
160°	1368.9	1368.3	1367.8	1367.2
162.5°	1394.6	1394.6	1394.6	1394.6
165°	1417.5	1417.8	1418.0	1418.3
167.5°	1437.0	1437.9	1438.7	1439.5
170°	1453.3	1454.1	1455.0	1455.8
172.5°	1464.5	1465.3	1466.2	1467.0
175°	1473.2	1474.1	1474.9	1475.7
177.5°	1478.2	1479.1	1479.9	1480.7
180°	1478.2	1478.2	1478.2	1478.2

(END OF REPORT)