

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: P1029601

Luminaire Tested: S122DIW-B675D1240UB2750-4F0-XX-W2A-A_3000K

Issue Date: 5/6/2025

Test Information

Test Method: LM-79-2019
Report Number: P1029601
REPORT IS A COMBINATION OF REPORTS P986388 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_3000K
Description: Define 2 Direct/Indirect Wall Mount with 3000K BioUP LEDs {m-DER=0.589} {m-EER=0.647}
Light Source: -
Ballast/Driver: -

Summary

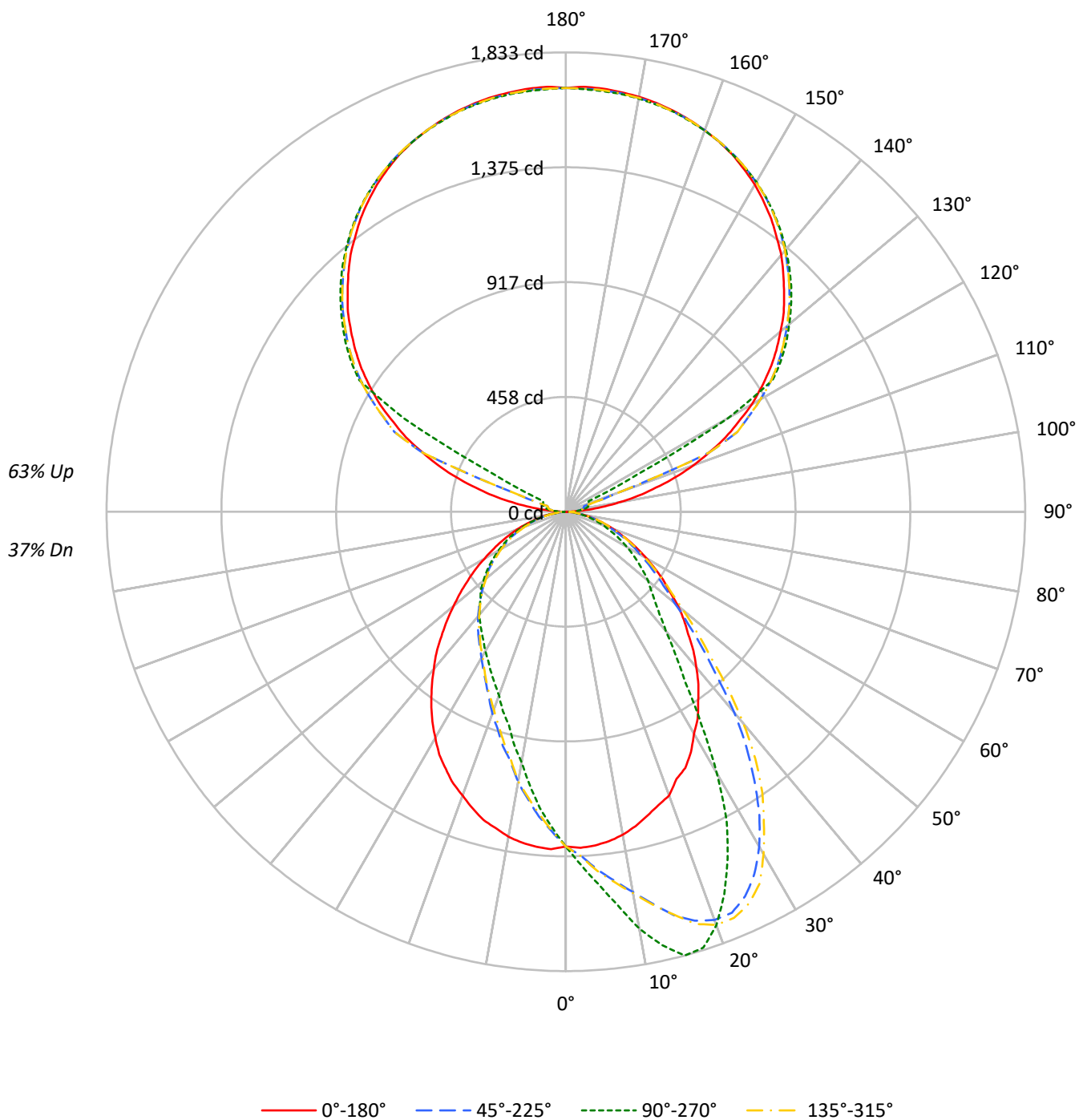
Lumens per Lamp: N/A
Luminaire Lumens: 7907.0 lumens
Efficiency: N/A
Efficacy: 101.4 lumens/watt
Spacing Criteria (0/90/45): 1.16 / 1.09 / 1.23
Luminous Opening: Rectangular w/ Sides (W: 0.17' x L: 4' x H: 0.1')
CIE Type: Semi-Indirect

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

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Luminous Intensity Polar Plot



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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20					20					20					20
RC	80				70					50					30					10
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	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°	21137	21137	21137	21137
5°	21187	22537	21268	17929
10°	20941	24603	21073	14781
15°	20433	25949	20718	12452
20°	20114	24365	20114	10822
25°	19473	20932	19562	9678
30°	18418	16454	18769	8766
35°	17484	11378	17776	8020
40°	16410	8590	16596	7427
45°	15085	7060	15332	6785
50°	13942	6196	13965	6211
55°	12636	5279	12716	5588
60°	11243	4410	11397	4877
65°	9996	3587	10178	4165
70°	8757	2815	8978	3359
75°	7351	2042	7636	2437
80°	5732	1295	6148	1446
85°	3772	651	4054	482

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 157.5°

Vertical Angle: 45°

Luminance: 21850 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	127.2	1.6
10°-20°	370.2	4.7
20°-30°	537.2	6.8
30°-40°	566.3	7.2
40°-50°	501.2	6.3
50°-60°	400.2	5.1
60°-70°	271.8	3.4
70°-80°	139.1	1.8
80°-90°	35.8	0.5
90°-100°	55.8	0.7
100°-110°	207.9	2.6
110°-120°	551.3	7.0
120°-130°	914.4	11.6
130°-140°	971.3	12.3
140°-150°	902.8	11.4
150°-160°	725.8	9.2
160°-170°	467.7	5.9
170°-180°	161.0	2.0
0°-30°	1034.6	13.1
0°-40°	1600.9	20.2
0°-60°	2502.3	31.6
0°-90°	2949.0	37.3
90°-120°	815.0	10.3
90°-150°	3603.6	45.6
90°-180°	4958.0	62.7
0°-180°	7907.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1335	1335	1335	1335	1335	
5°	1336	1491	1341	1186	1336	127
15°	1255	1833	1273	880	1255	355
25°	1128	1527	1133	706	1128	516
35°	921	831	936	586	921	576
45°	691	501	702	481	691	536
55°	474	352	477	373	474	423
65°	281	217	286	252	281	280
75°	131	107	136	127	131	141
85°	27	28	29	20	27	31
90°	1	33	1	33	1	6
95°	80	53	80	53	80	94
105°	372	93	372	93	372	397
115°	704	100	704	100	704	693
125°	995	1046	995	1046	995	887
135°	1231	1272	1231	1272	1231	951
145°	1428	1450	1428	1450	1428	893
155°	1572	1574	1572	1574	1572	725
165°	1657	1653	1657	1653	1657	468
175°	1695	1685	1695	1685	1695	161
180°	1691	1691	1691	1691	1691	

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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	1335.3	1335.3	1335.3	1335.3	1335.3	1335.3	1335.3	1335.3	1335.3	1335.3	1335.3
2.5°	1342.4	1345.5	1350.7	1351.7	1361.9	1370.2	1379.4	1379.4	1382.5	1381.4	1373.2
5°	1336.3	1345.5	1358.9	1370.2	1388.6	1396.8	1409.2	1418.4	1426.6	1432.8	1431.7
7.5°	1326.0	1342.4	1361.9	1383.5	1408.1	1422.5	1440.0	1456.4	1467.7	1477.9	1485.1
10°	1308.6	1336.3	1363.0	1391.7	1423.5	1443.0	1463.6	1485.1	1502.6	1522.1	1540.5
12.5°	1285.0	1325.0	1357.8	1395.8	1434.8	1456.4	1489.2	1505.6	1539.5	1588.8	1602.1
15°	1255.2	1309.6	1340.4	1388.6	1440.0	1457.4	1502.6	1529.2	1599.0	1629.8	1666.8
17.5°	1227.5	1288.1	1329.1	1384.5	1434.8	1468.7	1512.8	1567.2	1625.7	1669.9	1710.9
20°	1204.9	1263.4	1312.7	1374.3	1437.9	1481.0	1527.2	1592.9	1656.5	1701.7	1733.5
22.5°	1153.6	1228.5	1286.0	1354.8	1431.7	1491.3	1535.4	1607.2	1676.0	1703.7	1731.4
25°	1127.9	1192.6	1259.3	1337.3	1427.6	1498.5	1536.4	1616.5	1677.0	1687.3	1693.5
27.5°	1080.7	1153.6	1231.6	1320.9	1426.6	1486.1	1534.4	1607.2	1655.5	1648.3	1629.8
30°	1022.2	1111.5	1197.7	1294.2	1412.2	1476.9	1522.1	1588.8	1613.4	1576.5	1543.6
32.5°	979.1	1063.3	1158.7	1270.6	1395.8	1457.4	1501.5	1553.9	1559.0	1492.3	1436.9
35°	920.6	1014.0	1121.8	1239.8	1368.1	1423.5	1464.6	1496.4	1471.8	1378.4	1312.7
37.5°	868.3	960.7	1075.6	1195.7	1330.1	1384.5	1417.4	1422.5	1361.9	1279.8	1183.4
40°	810.8	906.3	1026.3	1152.6	1288.1	1335.3	1355.8	1340.4	1253.2	1157.7	1045.8
42.5°	753.3	847.8	977.1	1106.4	1234.7	1274.7	1282.9	1240.8	1134.1	1022.2	892.9
45°	690.7	789.3	918.6	1048.9	1173.1	1195.7	1196.7	1136.2	1009.9	892.9	772.8
47.5°	639.4	730.8	859.0	989.4	1094.1	1109.5	1103.3	1033.5	896.0	764.6	659.9
50°	583.0	670.2	797.5	925.8	1015.0	1019.2	1003.8	904.2	769.8	649.7	566.5
52.5°	522.4	610.7	727.7	850.8	930.9	924.7	895.0	788.2	662.0	562.4	498.8
55°	474.2	552.2	662.0	782.1	838.5	821.1	788.2	679.4	579.9	495.7	440.3
57.5°	420.8	489.6	597.3	702.0	734.9	718.4	685.6	584.0	491.6	428.0	391.0
60°	370.5	433.1	527.5	614.8	640.4	623.0	585.0	493.7	427.0	373.6	345.9
62.5°	324.3	378.7	457.7	537.8	548.1	530.6	497.8	423.9	366.4	324.3	303.8
65°	281.2	332.5	396.2	456.7	466.0	447.5	413.6	360.2	312.0	285.3	265.8
67.5°	239.1	280.2	336.6	380.8	385.9	368.5	340.7	297.6	267.9	239.1	224.8
70°	202.2	233.0	277.1	313.0	315.1	298.7	284.3	245.3	222.7	202.2	190.9
72.5°	166.3	187.8	221.7	248.4	249.4	239.1	225.8	201.2	181.7	167.3	156.0
75°	131.4	149.8	170.4	194.0	193.0	184.7	174.5	159.1	142.7	133.4	128.3
77.5°	100.6	111.9	128.3	143.7	143.7	139.6	133.4	122.1	111.9	102.6	97.5
80°	71.8	79.0	92.4	97.5	99.6	98.5	93.4	85.2	81.1	73.9	71.8
82.5°	46.2	51.3	57.5	62.6	65.7	63.6	62.6	58.5	52.3	50.3	48.2
85°	26.7	28.7	31.8	34.9	35.9	34.9	36.9	33.9	30.8	30.8	29.8
87.5°	11.3	12.3	14.4	14.4	15.4	15.4	14.4	15.4	15.4	14.4	13.3
90°	1.2	4.2	7.2	10.2	13.2	14.7	15.8	18.0	20.1	22.3	24.5
92.5°	30.6	29.5	28.4	27.3	26.2	25.7	26.1	26.9	27.8	28.6	29.4
95°	79.5	70.5	61.6	52.6	43.7	39.2	40.1	42.0	43.9	45.8	47.7
97.5°	143.2	120.9	98.6	76.3	54.0	42.8	45.0	49.3	53.7	58.0	62.4
100°	216.6	179.3	142.1	104.8	67.5	48.9	51.2	55.9	60.5	65.2	69.8
102.5°	297.4	296.8	296.3	295.7	295.2	294.9	270.2	220.7	171.2	121.7	72.2
105°	372.0	380.2	388.3	396.5	404.6	408.7	371.6	297.3	223.1	148.8	74.6
107.5°	458.9	465.7	472.5	479.3	486.1	489.5	443.7	352.0	260.4	168.7	77.1
110°	542.1	547.8	553.5	559.2	564.9	567.8	528.5	449.9	371.4	292.8	214.2

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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	620.4	625.3	630.2	635.1	640.0	642.5	640.2	635.6	630.9	626.3	621.7
115°	703.6	708.2	712.9	717.5	722.2	724.5	727.9	734.7	741.4	748.2	755.0
117.5°	775.9	781.3	786.7	792.2	797.6	800.3	802.6	807.2	811.9	816.5	821.1
120°	856.6	860.7	864.8	868.9	873.0	875.0	877.4	882.3	887.2	892.1	897.0
122.5°	925.1	929.5	933.8	938.2	942.5	944.7	947.4	952.9	958.3	963.8	969.2
125°	994.9	998.4	1002.0	1005.5	1009.0	1010.8	1013.4	1018.6	1023.7	1028.9	1034.1
127.5°	1058.5	1062.3	1066.1	1070.0	1073.8	1075.7	1077.7	1081.8	1085.9	1089.9	1094.0
130°	1118.5	1122.9	1127.2	1131.6	1135.9	1138.1	1139.6	1142.6	1145.5	1148.5	1151.5
132.5°	1179.7	1183.2	1186.8	1190.3	1193.8	1195.6	1197.1	1200.1	1203.1	1206.1	1209.1
135°	1231.1	1235.5	1239.8	1244.2	1248.5	1250.7	1251.9	1254.4	1256.8	1259.3	1261.7
137.5°	1284.9	1288.2	1291.4	1294.7	1298.0	1299.6	1301.0	1303.7	1306.4	1309.1	1311.8
140°	1337.5	1339.7	1341.9	1344.0	1346.2	1347.3	1348.8	1351.8	1354.8	1357.8	1360.8
142.5°	1381.6	1383.5	1385.4	1387.3	1389.2	1390.2	1392.0	1395.5	1399.0	1402.6	1406.1
145°	1428.1	1427.8	1427.6	1427.3	1427.0	1426.9	1429.2	1433.8	1438.5	1443.1	1447.7
147.5°	1468.5	1467.7	1466.9	1466.0	1465.2	1464.8	1467.1	1471.7	1476.4	1481.0	1485.6
150°	1507.6	1505.7	1503.8	1501.9	1500.0	1499.1	1501.3	1505.6	1510.0	1514.3	1518.7
152.5°	1540.7	1538.5	1536.3	1534.2	1532.0	1530.9	1532.9	1537.0	1541.1	1545.2	1549.3
155°	1572.5	1570.1	1567.6	1565.2	1562.7	1561.5	1563.1	1566.4	1569.7	1572.9	1576.2
157.5°	1598.2	1596.0	1593.8	1591.7	1589.5	1588.4	1589.6	1592.1	1594.5	1597.0	1599.4
160°	1620.2	1618.6	1617.0	1615.3	1613.7	1612.9	1613.7	1615.3	1617.0	1618.6	1620.2
162.5°	1639.8	1638.2	1636.6	1634.9	1633.3	1632.5	1633.2	1634.5	1635.9	1637.2	1638.6
165°	1656.9	1655.3	1653.7	1652.0	1650.4	1649.6	1650.0	1650.8	1651.7	1652.5	1653.3
167.5°	1670.4	1668.8	1667.2	1665.5	1663.9	1663.1	1663.5	1664.3	1665.1	1665.9	1666.7
170°	1681.4	1679.8	1678.2	1676.5	1674.9	1674.1	1674.4	1674.9	1675.4	1676.0	1676.5
172.5°	1688.8	1687.2	1685.5	1683.9	1682.2	1681.4	1681.7	1682.2	1682.8	1683.3	1683.9
175°	1694.9	1693.0	1691.1	1689.2	1687.3	1686.3	1686.6	1687.1	1687.7	1688.2	1688.8
177.5°	1697.3	1695.4	1693.5	1691.6	1689.7	1688.8	1688.9	1689.2	1689.5	1689.7	1690.0
180°	1691.2	1691.2	1691.2	1691.2	1691.2	1691.2	1691.2	1691.2	1691.2	1691.2	1691.2

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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	1335.3	1335.3	1335.3	1335.3	1335.3	1335.3	1335.3	1335.3	1335.3	1335.3	1335.3
2.5°	1387.6	1388.6	1390.7	1400.9	1406.1	1407.1	1403.0	1412.2	1415.3	1412.2	1410.2
5°	1453.3	1459.5	1471.8	1485.1	1484.1	1485.1	1491.3	1497.4	1499.5	1491.3	1494.3
7.5°	1510.8	1523.1	1536.4	1557.0	1557.0	1567.2	1571.3	1576.5	1588.8	1582.6	1580.6
10°	1576.5	1592.9	1617.5	1650.3	1651.4	1661.6	1671.9	1688.3	1693.5	1689.4	1691.4
12.5°	1658.6	1690.4	1692.4	1728.4	1744.8	1746.8	1763.2	1760.2	1770.4	1770.4	1787.9
15°	1694.5	1743.7	1771.5	1806.4	1816.6	1804.3	1817.6	1832.0	1833.0	1833.0	1832.0
17.5°	1759.1	1778.6	1806.4	1824.8	1828.9	1828.9	1830.0	1836.1	1832.0	1823.8	1830.0
20°	1772.5	1780.7	1791.0	1788.9	1791.0	1780.7	1770.4	1760.2	1761.2	1756.1	1771.5
22.5°	1747.9	1745.8	1722.2	1706.8	1706.8	1686.3	1666.8	1657.5	1648.3	1651.4	1656.5
25°	1686.3	1654.5	1625.7	1603.1	1598.0	1565.2	1538.5	1530.3	1514.9	1527.2	1529.2
27.5°	1587.7	1551.8	1505.6	1486.1	1459.5	1446.1	1427.6	1403.0	1371.2	1389.7	1386.6
30°	1482.0	1428.7	1390.7	1343.5	1301.4	1298.3	1263.4	1222.4	1205.9	1205.9	1215.2
32.5°	1364.0	1293.2	1237.8	1171.1	1130.0	1112.5	1070.5	1029.4	1038.7	1007.9	1019.2
35°	1226.5	1133.1	1063.3	998.6	967.8	947.3	892.9	870.3	845.7	831.3	858.0
37.5°	1095.1	987.3	898.0	827.2	815.9	779.0	742.0	727.7	713.3	719.5	718.4
40°	935.0	839.5	759.5	704.1	684.6	667.1	642.5	625.0	615.8	620.9	622.0
42.5°	790.3	710.2	650.7	611.7	595.3	583.0	570.6	556.3	553.2	553.2	557.3
45°	678.4	612.7	572.7	540.9	531.6	522.4	513.2	507.0	505.0	500.9	503.9
47.5°	589.1	536.8	512.1	488.5	478.3	476.2	468.0	464.9	460.8	459.8	460.8
50°	514.2	481.4	458.8	445.4	438.2	435.2	431.1	424.9	422.9	428.0	425.9
52.5°	461.9	431.1	418.7	405.4	401.3	397.2	391.0	392.1	391.0	389.0	389.0
55°	409.5	390.0	377.7	367.4	366.4	362.3	357.2	355.1	354.1	352.0	355.1
57.5°	367.4	352.0	340.7	331.5	327.4	327.4	322.3	318.2	318.2	317.1	318.2
60°	325.3	310.0	302.8	293.5	290.5	289.4	286.3	284.3	281.2	281.2	281.2
62.5°	286.3	274.0	265.8	257.6	258.6	253.5	249.4	247.3	247.3	248.4	248.4
65°	249.4	241.2	230.9	223.7	221.7	220.7	218.6	217.6	214.5	216.6	216.6
67.5°	215.5	204.2	198.1	195.0	191.9	190.9	188.8	186.8	185.8	184.7	186.8
70°	181.7	172.4	167.3	165.2	162.2	161.1	160.1	157.0	158.1	159.1	160.1
72.5°	150.9	142.7	141.6	135.5	135.5	135.5	131.4	133.4	132.4	130.3	132.4
75°	119.1	114.9	112.9	109.8	110.8	109.8	108.8	105.7	105.7	106.7	107.8
77.5°	94.4	90.3	89.3	86.2	84.2	86.2	84.2	83.1	83.1	84.2	84.2
80°	69.8	67.7	64.7	64.7	64.7	63.6	63.6	63.6	62.6	61.6	62.6
82.5°	46.2	46.2	45.2	44.1	45.2	43.1	44.1	44.1	44.1	44.1	44.1
85°	29.8	28.7	28.7	27.7	27.7	27.7	28.7	26.7	26.7	27.7	27.7
87.5°	13.3	13.3	13.3	14.4	13.3	13.3	13.3	14.4	13.3	13.3	13.3
90°	25.9	27.2	28.6	29.9	30.6	30.9	31.4	31.9	32.5	33.0	32.5
92.5°	29.9	30.5	31.0	31.5	31.8	31.9	32.2	32.5	32.7	33.0	32.7
95°	49.1	50.4	51.8	53.1	53.8	53.7	53.4	53.1	52.9	52.6	52.9
97.5°	63.2	64.0	64.9	65.7	66.1	66.2	66.5	66.8	67.0	67.3	67.0
100°	72.0	74.1	76.3	78.4	79.5	79.8	80.3	80.9	81.4	82.0	81.4
102.5°	75.2	78.2	81.2	84.2	85.7	86.1	86.9	87.7	88.5	89.3	88.5
105°	77.6	80.6	83.6	86.6	88.1	88.6	89.7	90.8	91.9	93.0	91.9
107.5°	80.1	83.1	86.1	89.1	90.6	91.1	92.2	93.3	94.4	95.5	94.4
110°	187.0	159.8	132.6	105.4	91.8	92.3	93.4	94.5	95.6	96.7	95.6

TEST NUMBER: P1029601

CATALOG NUMBER: S122DIW-B675D1240UB2750-4F0-XX-W2A-A_3000K

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	504.5	387.3	270.0	152.8	94.2	94.6	95.4	96.3	97.1	97.9	97.1
115°	629.1	503.2	377.3	251.4	188.5	178.7	159.1	139.5	119.9	100.3	119.9
117.5°	782.2	743.3	704.4	665.5	646.1	610.5	539.2	468.0	396.7	325.5	396.7
120°	900.3	903.5	906.8	910.1	911.7	893.3	856.6	819.9	783.2	746.5	783.2
122.5°	970.8	972.4	974.1	975.7	976.5	976.6	976.9	977.2	977.5	977.8	977.5
125°	1036.0	1037.9	1039.8	1041.7	1042.6	1043.0	1043.8	1044.7	1045.5	1046.3	1045.5
127.5°	1096.7	1099.5	1102.2	1104.9	1106.3	1106.4	1106.7	1107.0	1107.2	1107.5	1107.2
130°	1154.5	1157.5	1160.5	1163.5	1165.0	1164.9	1164.6	1164.3	1164.1	1163.8	1164.1
132.5°	1211.5	1214.0	1216.4	1218.9	1220.1	1220.0	1219.7	1219.4	1219.1	1218.8	1219.1
135°	1264.4	1267.1	1269.8	1272.5	1273.9	1273.6	1273.1	1272.6	1272.0	1271.5	1272.0
137.5°	1314.5	1317.3	1320.0	1322.7	1324.1	1323.7	1322.9	1322.0	1321.2	1320.4	1321.2
140°	1363.2	1365.7	1368.1	1370.6	1371.8	1371.1	1369.8	1368.4	1367.1	1365.7	1367.1
142.5°	1408.3	1410.5	1412.6	1414.8	1415.9	1415.2	1413.8	1412.5	1411.1	1409.7	1411.1
145°	1449.6	1451.5	1453.4	1455.3	1456.2	1455.5	1454.2	1452.8	1451.5	1450.1	1451.5
147.5°	1487.0	1488.3	1489.7	1491.0	1491.7	1491.2	1490.1	1489.0	1487.9	1486.8	1487.9
150°	1520.3	1521.9	1523.6	1525.2	1526.0	1525.3	1524.0	1522.6	1521.3	1519.9	1521.3
152.5°	1550.9	1552.5	1554.2	1555.8	1556.6	1555.6	1553.7	1551.8	1549.9	1548.0	1549.9
155°	1577.8	1579.4	1581.1	1582.7	1583.5	1582.4	1580.2	1578.1	1575.9	1573.7	1575.9
157.5°	1601.3	1603.2	1605.1	1607.0	1608.0	1606.9	1604.7	1602.6	1600.4	1598.2	1600.4
160°	1621.8	1623.5	1625.1	1626.8	1627.6	1626.6	1624.7	1622.8	1620.9	1619.0	1620.9
162.5°	1640.5	1642.4	1644.3	1646.2	1647.2	1646.0	1643.5	1641.0	1638.6	1636.1	1638.6
165°	1655.2	1657.1	1659.0	1660.9	1661.8	1660.9	1659.0	1657.1	1655.2	1653.3	1655.2
167.5°	1668.6	1670.5	1672.4	1674.3	1675.3	1674.1	1671.6	1669.2	1666.7	1664.3	1666.7
170°	1678.4	1680.3	1682.2	1684.1	1685.1	1683.9	1681.4	1679.0	1676.5	1674.1	1676.5
172.5°	1685.8	1687.7	1689.6	1691.5	1692.4	1691.2	1688.7	1686.3	1683.8	1681.4	1683.8
175°	1690.7	1692.6	1694.5	1696.4	1697.3	1695.9	1693.2	1690.5	1687.8	1685.1	1687.8
177.5°	1691.9	1693.8	1695.7	1697.6	1698.5	1697.3	1694.8	1692.4	1689.9	1687.5	1689.9
180°	1691.2	1691.2	1691.2	1691.2	1691.2	1691.2	1691.2	1691.2	1691.2	1691.2	1691.2

TEST NUMBER: P1029601

CATALOG NUMBER: S122DIW-B675D1240UB2750-4F0-XX-W2A-A_3000K

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	1335.3	1335.3	1335.3	1335.3	1335.3	1335.3	1335.3	1335.3	1335.3	1335.3	1335.3
2.5°	1415.3	1408.1	1402.0	1403.0	1408.1	1404.0	1393.8	1380.4	1375.3	1369.1	1375.3
5°	1500.5	1494.3	1482.0	1483.1	1480.0	1475.9	1459.5	1438.9	1438.9	1422.5	1420.5
7.5°	1584.7	1575.4	1567.2	1565.2	1553.9	1545.7	1531.3	1502.6	1491.3	1471.8	1460.5
10°	1679.1	1671.9	1662.7	1651.4	1645.2	1630.8	1607.2	1565.2	1544.6	1518.0	1498.5
12.5°	1774.5	1773.5	1753.0	1730.4	1729.4	1706.8	1690.4	1633.9	1606.2	1570.3	1524.1
15°	1835.1	1830.0	1818.7	1807.4	1810.5	1785.8	1748.9	1682.2	1663.7	1620.6	1571.3
17.5°	1834.1	1834.1	1831.0	1828.9	1825.9	1818.7	1798.1	1754.0	1724.2	1669.9	1623.7
20°	1775.6	1788.9	1792.0	1791.0	1801.2	1806.4	1805.3	1777.6	1754.0	1705.8	1658.6
22.5°	1658.6	1689.4	1702.7	1710.9	1732.5	1743.7	1770.4	1760.2	1754.0	1718.1	1678.1
25°	1549.8	1560.0	1600.1	1602.1	1631.9	1659.6	1686.3	1703.7	1726.3	1713.0	1679.1
27.5°	1409.2	1432.8	1461.5	1483.1	1489.2	1545.7	1589.8	1622.6	1674.0	1678.1	1666.8
30°	1250.1	1261.4	1308.6	1337.3	1370.2	1411.2	1474.8	1531.3	1577.5	1619.6	1633.9
32.5°	1056.1	1102.3	1130.0	1164.9	1193.6	1266.5	1344.5	1417.4	1470.7	1541.6	1572.3
35°	878.5	914.5	961.7	976.0	1028.4	1090.0	1191.6	1285.0	1366.1	1437.9	1500.5
37.5°	731.8	760.5	810.8	833.4	864.2	943.2	1028.4	1144.4	1241.9	1330.1	1408.1
40°	631.2	652.8	690.7	697.9	723.6	795.4	864.2	973.0	1102.3	1221.3	1306.5
42.5°	562.4	572.7	598.4	607.6	624.0	672.3	733.8	836.5	956.5	1079.7	1199.8
45°	513.2	520.4	535.7	544.0	564.5	586.0	636.3	718.4	812.9	937.0	1066.4
47.5°	469.0	478.3	484.4	489.6	500.9	524.5	557.3	617.9	708.2	822.1	947.3
50°	432.1	435.2	446.5	447.5	454.7	470.1	500.9	537.8	609.6	702.0	823.1
52.5°	395.1	398.2	405.4	412.6	415.7	428.0	448.5	479.3	532.7	605.5	713.3
55°	358.2	362.3	369.5	374.6	377.7	388.0	400.3	430.0	472.1	523.4	611.7
57.5°	321.2	330.5	332.5	335.6	340.7	352.0	363.3	380.8	413.6	460.8	525.5
60°	286.3	289.4	296.6	299.7	304.8	311.0	325.3	338.7	362.3	399.2	457.7
62.5°	250.4	257.6	260.7	263.8	267.9	275.1	284.3	298.7	319.2	349.0	395.1
65°	219.6	220.7	226.8	230.9	235.0	240.2	249.4	262.7	275.1	302.8	336.6
67.5°	189.9	191.9	194.0	198.1	203.2	208.3	216.6	223.7	239.1	257.6	284.3
70°	161.1	161.1	166.3	169.3	168.3	174.5	180.6	188.8	200.1	217.6	239.1
72.5°	135.5	134.5	138.6	139.6	141.6	145.7	149.8	158.1	164.2	177.6	194.0
75°	107.8	109.8	111.9	111.9	114.9	118.0	122.1	126.2	133.4	141.6	154.0
77.5°	85.2	85.2	87.2	88.3	91.3	90.3	94.4	98.5	103.7	110.8	120.1
80°	62.6	64.7	64.7	64.7	65.7	66.7	70.8	73.9	77.0	82.1	86.2
82.5°	44.1	44.1	46.2	46.2	46.2	48.2	48.2	49.3	51.3	54.4	57.5
85°	27.7	27.7	27.7	28.7	27.7	28.7	30.8	29.8	30.8	32.8	32.8
87.5°	13.3	13.3	13.3	13.3	13.3	14.4	13.3	14.4	15.4	15.4	15.4
90°	31.9	31.4	30.9	30.6	29.9	28.6	27.2	25.9	24.5	22.3	20.1
92.5°	32.5	32.2	31.9	31.8	31.5	31.0	30.5	29.9	29.4	28.6	27.8
95°	53.1	53.4	53.7	53.8	53.1	51.8	50.4	49.1	47.7	45.8	43.9
97.5°	66.8	66.5	66.2	66.1	65.7	64.9	64.0	63.2	62.4	58.0	53.7
100°	80.9	80.3	79.8	79.5	78.4	76.3	74.1	72.0	69.8	65.2	60.5
102.5°	87.7	86.9	86.1	85.7	84.2	81.2	78.2	75.2	72.2	121.7	171.2
105°	90.8	89.7	88.6	88.1	86.6	83.6	80.6	77.6	74.6	148.8	223.1
107.5°	93.3	92.2	91.1	90.6	89.1	86.1	83.1	80.1	77.1	168.7	260.4
110°	94.5	93.4	92.3	91.8	105.4	132.6	159.8	187.0	214.2	292.8	371.4

TEST NUMBER: P1029601

CATALOG NUMBER: S122DIW-B675D1240UB2750-4F0-XX-W2A-A_3000K

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	96.3	95.4	94.6	94.2	152.8	270.0	387.3	504.5	621.7	626.3	630.9
115°	139.5	159.1	178.7	188.5	251.4	377.3	503.2	629.1	755.0	748.2	741.4
117.5°	468.0	539.2	610.5	646.1	665.5	704.4	743.3	782.2	821.1	816.5	811.9
120°	819.9	856.6	893.3	911.7	910.1	906.8	903.5	900.3	897.0	892.1	887.2
122.5°	977.2	976.9	976.6	976.5	975.7	974.1	972.4	970.8	969.2	963.8	958.3
125°	1044.7	1043.8	1043.0	1042.6	1041.7	1039.8	1037.9	1036.0	1034.1	1028.9	1023.7
127.5°	1107.0	1106.7	1106.4	1106.3	1104.9	1102.2	1099.5	1096.7	1094.0	1089.9	1085.9
130°	1164.3	1164.6	1164.9	1165.0	1163.5	1160.5	1157.5	1154.5	1151.5	1148.5	1145.5
132.5°	1219.4	1219.7	1220.0	1220.1	1218.9	1216.4	1214.0	1211.5	1209.1	1206.1	1203.1
135°	1272.6	1273.1	1273.6	1273.9	1272.5	1269.8	1267.1	1264.4	1261.7	1259.3	1256.8
137.5°	1322.0	1322.9	1323.7	1324.1	1322.7	1320.0	1317.3	1314.5	1311.8	1309.1	1306.4
140°	1368.4	1369.8	1371.1	1371.8	1370.6	1368.1	1365.7	1363.2	1360.8	1357.8	1354.8
142.5°	1412.5	1413.8	1415.2	1415.9	1414.8	1412.6	1410.5	1408.3	1406.1	1402.6	1399.0
145°	1452.8	1454.2	1455.5	1456.2	1455.3	1453.4	1451.5	1449.6	1447.7	1443.1	1438.5
147.5°	1489.0	1490.1	1491.2	1491.7	1491.0	1489.7	1488.3	1487.0	1485.6	1481.0	1476.4
150°	1522.6	1524.0	1525.3	1526.0	1525.2	1523.6	1521.9	1520.3	1518.7	1514.3	1510.0
152.5°	1551.8	1553.7	1555.6	1556.6	1555.8	1554.2	1552.5	1550.9	1549.3	1545.2	1541.1
155°	1578.1	1580.2	1582.4	1583.5	1582.7	1581.1	1579.4	1577.8	1576.2	1572.9	1569.7
157.5°	1602.6	1604.7	1606.9	1608.0	1607.0	1605.1	1603.2	1601.3	1599.4	1597.0	1594.5
160°	1622.8	1624.7	1626.6	1627.6	1626.8	1625.1	1623.5	1621.8	1620.2	1618.6	1617.0
162.5°	1641.0	1643.5	1646.0	1647.2	1646.2	1644.3	1642.4	1640.5	1638.6	1637.2	1635.9
165°	1657.1	1659.0	1660.9	1661.8	1660.9	1659.0	1657.1	1655.2	1653.3	1652.5	1651.7
167.5°	1669.2	1671.6	1674.1	1675.3	1674.3	1672.4	1670.5	1668.6	1666.7	1665.9	1665.1
170°	1679.0	1681.4	1683.9	1685.1	1684.1	1682.2	1680.3	1678.4	1676.5	1676.0	1675.4
172.5°	1686.3	1688.7	1691.2	1692.4	1691.5	1689.6	1687.7	1685.8	1683.9	1683.3	1682.8
175°	1690.5	1693.2	1695.9	1697.3	1696.4	1694.5	1692.6	1690.7	1688.8	1688.2	1687.7
177.5°	1692.4	1694.8	1697.3	1698.5	1697.6	1695.7	1693.8	1691.9	1690.0	1689.7	1689.5
180°	1691.2	1691.2	1691.2	1691.2	1691.2	1691.2	1691.2	1691.2	1691.2	1691.2	1691.2

TEST NUMBER: P1029601

CATALOG NUMBER: S122DIW-B675D1240UB2750-4F0-XX-W2A-A_3000K

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
0°	1335.3	1335.3	1335.3	1335.3	1335.3	1335.3	1335.3	1335.3	1335.3	1335.3	1335.3
2.5°	1370.2	1365.0	1361.9	1364.0	1357.8	1342.4	1342.4	1347.6	1341.4	1335.3	1326.0
5°	1408.1	1397.9	1391.7	1390.7	1376.3	1351.7	1346.6	1341.4	1328.1	1313.7	1298.3
7.5°	1445.1	1426.6	1416.3	1409.2	1388.6	1356.8	1343.5	1332.2	1310.6	1289.1	1269.6
10°	1475.9	1449.2	1436.9	1425.6	1398.9	1358.9	1337.3	1316.8	1289.1	1261.4	1236.7
12.5°	1500.5	1469.7	1454.3	1437.9	1405.1	1352.7	1326.0	1293.2	1265.5	1228.5	1203.9
15°	1541.6	1477.9	1463.6	1448.2	1414.3	1342.4	1309.6	1272.7	1234.7	1185.4	1158.7
17.5°	1574.4	1489.2	1488.2	1455.3	1411.2	1338.3	1288.1	1239.8	1198.8	1149.5	1107.4
20°	1593.9	1506.7	1490.2	1456.4	1400.9	1310.6	1258.3	1204.9	1160.8	1101.3	1059.2
22.5°	1610.3	1531.3	1488.2	1447.1	1379.4	1301.4	1224.4	1174.1	1113.6	1048.9	1008.9
25°	1616.5	1536.4	1491.3	1444.1	1364.0	1274.7	1187.5	1133.1	1065.3	1006.8	952.4
27.5°	1617.5	1535.4	1480.0	1430.7	1342.4	1239.8	1150.5	1093.0	1018.1	950.4	896.0
30°	1607.2	1524.1	1473.8	1420.5	1321.9	1208.0	1105.4	1041.7	961.7	893.9	837.5
32.5°	1576.5	1501.5	1460.5	1402.0	1295.2	1163.9	1062.3	991.4	907.3	840.6	786.2
35°	1525.1	1473.8	1428.7	1374.3	1260.3	1122.8	1019.2	936.0	850.8	787.2	735.9
37.5°	1461.5	1433.8	1391.7	1338.3	1220.3	1085.9	970.9	878.5	793.4	731.8	681.5
40°	1375.3	1382.5	1341.4	1293.2	1173.1	1035.6	908.3	820.0	740.0	682.5	633.2
42.5°	1281.9	1311.7	1288.1	1241.9	1120.8	980.2	862.1	764.6	686.6	627.1	586.0
45°	1181.3	1232.6	1218.3	1184.4	1066.4	921.7	796.4	702.0	633.2	575.8	539.9
47.5°	1071.5	1144.4	1144.4	1119.7	1005.8	863.1	740.0	643.5	575.8	534.7	499.8
50°	959.6	1041.7	1055.1	1038.7	938.1	796.4	671.2	584.0	525.5	485.5	459.8
52.5°	842.6	938.1	962.7	954.5	866.2	732.8	614.8	529.6	476.2	441.3	418.7
55°	730.8	841.6	868.3	871.4	789.3	663.0	552.2	477.2	425.9	402.3	382.8
57.5°	625.0	731.8	761.5	766.7	711.3	599.4	493.7	428.0	381.8	362.3	346.9
60°	534.7	624.0	663.0	674.3	626.1	525.5	439.3	375.6	340.7	322.3	307.9
62.5°	460.8	532.7	573.7	576.8	555.2	460.8	382.8	329.5	299.7	283.3	276.1
65°	389.0	453.6	478.3	490.6	473.1	399.2	330.5	286.3	262.7	248.4	241.2
67.5°	331.5	372.6	393.1	409.5	392.1	336.6	281.2	245.3	227.8	213.5	209.4
70°	272.0	305.8	321.2	337.7	322.3	280.2	240.2	207.3	191.9	180.6	175.5
72.5°	217.6	244.3	258.6	268.9	259.7	224.8	191.9	169.3	158.1	149.8	146.8
75°	172.4	190.9	199.1	206.3	202.2	175.5	155.0	136.5	126.2	119.1	117.0
77.5°	131.4	144.7	154.0	156.0	150.9	133.4	116.0	104.7	96.5	92.4	90.3
80°	93.4	101.6	106.7	109.8	104.7	97.5	85.2	77.0	69.8	64.7	63.6
82.5°	62.6	66.7	70.8	69.8	67.7	61.6	54.4	50.3	47.2	43.1	43.1
85°	35.9	36.9	39.0	40.0	39.0	34.9	30.8	28.7	26.7	23.6	23.6
87.5°	15.4	16.4	16.4	17.4	15.4	15.4	13.3	11.3	11.3	10.3	9.2
90°	18.0	15.8	14.7	13.2	10.2	7.2	4.2	1.2	4.2	7.2	10.2
92.5°	26.9	26.1	25.7	26.2	27.3	28.4	29.5	30.6	29.5	28.4	27.3
95°	42.0	40.1	39.2	43.7	52.6	61.6	70.5	79.5	70.5	61.6	52.6
97.5°	49.3	45.0	42.8	54.0	76.3	98.6	120.9	143.2	120.9	98.6	76.3
100°	55.9	51.2	48.9	67.5	104.8	142.1	179.3	216.6	179.3	142.1	104.8
102.5°	220.7	270.2	294.9	295.2	295.7	296.3	296.8	297.4	296.8	296.3	295.7
105°	297.3	371.6	408.7	404.6	396.5	388.3	380.2	372.0	380.2	388.3	396.5
107.5°	352.0	443.7	489.5	486.1	479.3	472.5	465.7	458.9	465.7	472.5	479.3
110°	449.9	528.5	567.8	564.9	559.2	553.5	547.8	542.1	547.8	553.5	559.2

TEST NUMBER: P1029601

CATALOG NUMBER: S122DIW-B675D1240UB2750-4F0-XX-W2A-A_3000K

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
112.5°	635.6	640.2	642.5	640.0	635.1	630.2	625.3	620.4	625.3	630.2	635.1
115°	734.7	727.9	724.5	722.2	717.5	712.9	708.2	703.6	708.2	712.9	717.5
117.5°	807.2	802.6	800.3	797.6	792.2	786.7	781.3	775.9	781.3	786.7	792.2
120°	882.3	877.4	875.0	873.0	868.9	864.8	860.7	856.6	860.7	864.8	868.9
122.5°	952.9	947.4	944.7	942.5	938.2	933.8	929.5	925.1	929.5	933.8	938.2
125°	1018.6	1013.4	1010.8	1009.0	1005.5	1002.0	998.4	994.9	998.4	1002.0	1005.5
127.5°	1081.8	1077.7	1075.7	1073.8	1070.0	1066.1	1062.3	1058.5	1062.3	1066.1	1070.0
130°	1142.6	1139.6	1138.1	1135.9	1131.6	1127.2	1122.9	1118.5	1122.9	1127.2	1131.6
132.5°	1200.1	1197.1	1195.6	1193.8	1190.3	1186.8	1183.2	1179.7	1183.2	1186.8	1190.3
135°	1254.4	1251.9	1250.7	1248.5	1244.2	1239.8	1235.5	1231.1	1235.5	1239.8	1244.2
137.5°	1303.7	1301.0	1299.6	1298.0	1294.7	1291.4	1288.2	1284.9	1288.2	1291.4	1294.7
140°	1351.8	1348.8	1347.3	1346.2	1344.0	1341.9	1339.7	1337.5	1339.7	1341.9	1344.0
142.5°	1395.5	1392.0	1390.2	1389.2	1387.3	1385.4	1383.5	1381.6	1383.5	1385.4	1387.3
145°	1433.8	1429.2	1426.9	1427.0	1427.3	1427.6	1427.8	1428.1	1427.8	1427.6	1427.3
147.5°	1471.7	1467.1	1464.8	1465.2	1466.0	1466.9	1467.7	1468.5	1467.7	1466.9	1466.0
150°	1505.6	1501.3	1499.1	1500.0	1501.9	1503.8	1505.7	1507.6	1505.7	1503.8	1501.9
152.5°	1537.0	1532.9	1530.9	1532.0	1534.2	1536.3	1538.5	1540.7	1538.5	1536.3	1534.2
155°	1566.4	1563.1	1561.5	1562.7	1565.2	1567.6	1570.1	1572.5	1570.1	1567.6	1565.2
157.5°	1592.1	1589.6	1588.4	1589.5	1591.7	1593.8	1596.0	1598.2	1596.0	1593.8	1591.7
160°	1615.3	1613.7	1612.9	1613.7	1615.3	1617.0	1618.6	1620.2	1618.6	1617.0	1615.3
162.5°	1634.5	1633.2	1632.5	1633.3	1634.9	1636.6	1638.2	1639.8	1638.2	1636.6	1634.9
165°	1650.8	1650.0	1649.6	1650.4	1652.0	1653.7	1655.3	1656.9	1655.3	1653.7	1652.0
167.5°	1664.3	1663.5	1663.1	1663.9	1665.5	1667.2	1668.8	1670.4	1668.8	1667.2	1665.5
170°	1674.9	1674.4	1674.1	1674.9	1676.5	1678.2	1679.8	1681.4	1679.8	1678.2	1676.5
172.5°	1682.2	1681.7	1681.4	1682.2	1683.9	1685.5	1687.2	1688.8	1687.2	1685.5	1683.9
175°	1687.1	1686.6	1686.3	1687.3	1689.2	1691.1	1693.0	1694.9	1693.0	1691.1	1689.2
177.5°	1689.2	1688.9	1688.8	1689.7	1691.6	1693.5	1695.4	1697.3	1695.4	1693.5	1691.6
180°	1691.2	1691.2	1691.2	1691.2	1691.2	1691.2	1691.2	1691.2	1691.2	1691.2	1691.2

TEST NUMBER: P1029601

CATALOG NUMBER: S122DIW-B675D1240UB2750-4F0-XX-W2A-A_3000K

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
0°	1335.3	1335.3	1335.3	1335.3	1335.3	1335.3	1335.3	1335.3	1335.3	1335.3	1335.3
2.5°	1320.9	1326.0	1325.0	1314.7	1303.4	1294.2	1276.8	1278.8	1272.7	1273.7	1279.8
5°	1288.1	1288.1	1283.9	1269.6	1251.1	1240.8	1221.3	1216.2	1203.9	1202.9	1201.8
7.5°	1253.2	1248.0	1242.9	1222.4	1199.8	1183.4	1156.7	1150.5	1138.2	1130.0	1125.9
10°	1212.1	1204.9	1194.7	1171.1	1143.3	1122.8	1095.1	1086.9	1063.3	1053.0	1046.9
12.5°	1166.9	1162.8	1146.4	1126.9	1081.8	1059.2	1019.2	1027.4	1003.8	983.2	980.2
15°	1121.8	1106.4	1097.2	1065.3	1010.9	1000.7	968.9	952.4	930.9	914.5	914.5
17.5°	1077.7	1054.0	1033.5	999.7	959.6	930.9	907.3	899.1	872.4	856.0	852.9
20°	1019.2	992.5	987.3	939.1	911.4	879.6	857.0	836.5	817.0	809.8	804.6
22.5°	963.7	932.9	924.7	883.7	856.0	824.1	801.6	787.2	772.8	767.7	758.5
25°	904.2	885.7	873.4	829.3	798.5	768.7	753.3	743.1	729.7	728.7	722.5
27.5°	846.7	829.3	817.0	774.9	752.3	724.6	712.3	701.0	693.8	690.7	687.6
30°	797.5	778.0	763.6	732.8	705.1	682.5	672.3	665.1	661.0	655.8	654.8
32.5°	743.1	731.8	712.3	688.7	667.1	645.6	639.4	634.3	628.1	626.1	625.0
35°	696.9	681.5	669.2	642.5	633.2	614.8	607.6	603.5	595.3	593.2	591.2
37.5°	651.7	637.4	624.0	607.6	590.1	579.9	575.8	569.6	565.5	566.5	564.5
40°	606.6	595.3	585.0	567.6	557.3	552.2	544.0	537.8	535.7	536.8	535.7
42.5°	562.4	552.2	546.0	532.7	522.4	517.3	512.1	506.0	509.1	509.1	512.1
45°	522.4	513.2	509.1	498.8	492.6	484.4	479.3	478.3	482.4	481.4	481.4
47.5°	481.4	478.3	473.1	463.9	455.7	450.6	449.5	449.5	453.6	455.7	454.7
50°	449.5	443.4	437.2	430.0	423.9	421.8	418.7	420.8	424.9	424.9	427.0
52.5°	409.5	405.4	403.4	397.2	393.1	393.1	393.1	394.1	397.2	400.3	399.2
55°	374.6	371.5	369.5	366.4	361.3	362.3	361.3	363.3	366.4	369.5	371.5
57.5°	337.7	336.6	334.6	329.5	329.5	328.4	331.5	332.5	337.7	339.7	342.8
60°	304.8	301.7	301.7	297.6	297.6	297.6	300.7	303.8	307.9	308.9	311.0
62.5°	269.9	269.9	268.9	265.8	265.8	268.9	269.9	274.0	276.1	276.1	279.2
65°	237.1	236.1	235.0	236.1	237.1	237.1	240.2	242.2	244.3	245.3	246.3
67.5°	204.2	203.2	205.3	204.2	206.3	210.4	209.4	212.5	215.5	215.5	216.6
70°	173.5	175.5	174.5	176.5	175.5	177.6	180.6	181.7	181.7	182.7	185.8
72.5°	144.7	144.7	144.7	143.7	144.7	146.8	148.8	149.8	151.9	152.9	156.0
75°	117.0	117.0	114.9	117.0	117.0	119.1	121.1	121.1	121.1	123.2	126.2
77.5°	88.3	89.3	88.3	90.3	90.3	91.3	93.4	92.4	94.4	95.4	96.5
80°	64.7	63.6	63.6	63.6	64.7	64.7	66.7	67.7	67.7	70.8	68.8
82.5°	41.1	42.1	41.1	42.1	42.1	43.1	42.1	43.1	44.1	46.2	45.2
85°	23.6	22.6	22.6	23.6	22.6	22.6	23.6	22.6	23.6	22.6	23.6
87.5°	9.2	8.2	8.2	8.2	8.2	7.2	7.2	6.2	6.2	6.2	5.1
90°	13.2	14.7	15.8	18.0	20.1	22.3	24.5	25.9	27.2	28.6	29.9
92.5°	26.2	25.7	26.1	26.9	27.8	28.6	29.4	29.9	30.5	31.0	31.5
95°	43.7	39.2	40.1	42.0	43.9	45.8	47.7	49.1	50.4	51.8	53.1
97.5°	54.0	42.8	45.0	49.3	53.7	58.0	62.4	63.2	64.0	64.9	65.7
100°	67.5	48.9	51.2	55.9	60.5	65.2	69.8	72.0	74.1	76.3	78.4
102.5°	295.2	294.9	270.2	220.7	171.2	121.7	72.2	75.2	78.2	81.2	84.2
105°	404.6	408.7	371.6	297.3	223.1	148.8	74.6	77.6	80.6	83.6	86.6
107.5°	486.1	489.5	443.7	352.0	260.4	168.7	77.1	80.1	83.1	86.1	89.1
110°	564.9	567.8	528.5	449.9	371.4	292.8	214.2	187.0	159.8	132.6	105.4

TEST NUMBER: P1029601

CATALOG NUMBER: S122DIW-B675D1240UB2750-4F0-XX-W2A-A_3000K

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
112.5°	640.0	642.5	640.2	635.6	630.9	626.3	621.7	504.5	387.3	270.0	152.8
115°	722.2	724.5	727.9	734.7	741.4	748.2	755.0	629.1	503.2	377.3	251.4
117.5°	797.6	800.3	802.6	807.2	811.9	816.5	821.1	782.2	743.3	704.4	665.5
120°	873.0	875.0	877.4	882.3	887.2	892.1	897.0	900.3	903.5	906.8	910.1
122.5°	942.5	944.7	947.4	952.9	958.3	963.8	969.2	970.8	972.4	974.1	975.7
125°	1009.0	1010.8	1013.4	1018.6	1023.7	1028.9	1034.1	1036.0	1037.9	1039.8	1041.7
127.5°	1073.8	1075.7	1077.7	1081.8	1085.9	1089.9	1094.0	1096.7	1099.5	1102.2	1104.9
130°	1135.9	1138.1	1139.6	1142.6	1145.5	1148.5	1151.5	1154.5	1157.5	1160.5	1163.5
132.5°	1193.8	1195.6	1197.1	1200.1	1203.1	1206.1	1209.1	1211.5	1214.0	1216.4	1218.9
135°	1248.5	1250.7	1251.9	1254.4	1256.8	1259.3	1261.7	1264.4	1267.1	1269.8	1272.5
137.5°	1298.0	1299.6	1301.0	1303.7	1306.4	1309.1	1311.8	1314.5	1317.3	1320.0	1322.7
140°	1346.2	1347.3	1348.8	1351.8	1354.8	1357.8	1360.8	1363.2	1365.7	1368.1	1370.6
142.5°	1389.2	1390.2	1392.0	1395.5	1399.0	1402.6	1406.1	1408.3	1410.5	1412.6	1414.8
145°	1427.0	1426.9	1429.2	1433.8	1438.5	1443.1	1447.7	1449.6	1451.5	1453.4	1455.3
147.5°	1465.2	1464.8	1467.1	1471.7	1476.4	1481.0	1485.6	1487.0	1488.3	1489.7	1491.0
150°	1500.0	1499.1	1501.3	1505.6	1510.0	1514.3	1518.7	1520.3	1521.9	1523.6	1525.2
152.5°	1532.0	1530.9	1532.9	1537.0	1541.1	1545.2	1549.3	1550.9	1552.5	1554.2	1555.8
155°	1562.7	1561.5	1563.1	1566.4	1569.7	1572.9	1576.2	1577.8	1579.4	1581.1	1582.7
157.5°	1589.5	1588.4	1589.6	1592.1	1594.5	1597.0	1599.4	1601.3	1603.2	1605.1	1607.0
160°	1613.7	1612.9	1613.7	1615.3	1617.0	1618.6	1620.2	1621.8	1623.5	1625.1	1626.8
162.5°	1633.3	1632.5	1633.2	1634.5	1635.9	1637.2	1638.6	1640.5	1642.4	1644.3	1646.2
165°	1650.4	1649.6	1650.0	1650.8	1651.7	1652.5	1653.3	1655.2	1657.1	1659.0	1660.9
167.5°	1663.9	1663.1	1663.5	1664.3	1665.1	1665.9	1666.7	1668.6	1670.5	1672.4	1674.3
170°	1674.9	1674.1	1674.4	1674.9	1675.4	1676.0	1676.5	1678.4	1680.3	1682.2	1684.1
172.5°	1682.2	1681.4	1681.7	1682.2	1682.8	1683.3	1683.9	1685.8	1687.7	1689.6	1691.5
175°	1687.3	1686.3	1686.6	1687.1	1687.7	1688.2	1688.8	1690.7	1692.6	1694.5	1696.4
177.5°	1689.7	1688.8	1688.9	1689.2	1689.5	1689.7	1690.0	1691.9	1693.8	1695.7	1697.6
180°	1691.2	1691.2	1691.2	1691.2	1691.2	1691.2	1691.2	1691.2	1691.2	1691.2	1691.2

TEST NUMBER: P1029601

CATALOG NUMBER: S122DIW-B675D1240UB2750-4F0-XX-W2A-A_3000K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
0°	1335.3	1335.3	1335.3	1335.3	1335.3	1335.3	1335.3	1335.3	1335.3	1335.3	1335.3
2.5°	1272.7	1275.7	1268.6	1266.5	1268.6	1261.4	1263.4	1265.5	1265.5	1268.6	1270.6
5°	1198.8	1194.7	1187.5	1185.4	1183.4	1186.4	1184.4	1187.5	1188.5	1195.7	1196.7
7.5°	1125.9	1119.7	1113.6	1107.4	1105.4	1100.2	1105.4	1105.4	1112.5	1110.5	1115.6
10°	1039.7	1038.7	1030.4	1027.4	1023.3	1015.0	1026.3	1023.3	1028.4	1037.6	1039.7
12.5°	976.0	964.8	969.9	955.5	960.7	952.4	953.5	953.5	961.7	962.7	960.7
15°	915.5	906.3	892.9	886.8	883.7	879.6	892.9	893.9	887.8	902.2	897.0
17.5°	853.9	853.9	841.6	838.5	830.3	834.4	832.4	833.4	831.3	841.6	846.7
20°	800.5	795.4	791.3	792.3	782.1	780.0	778.0	780.0	787.2	794.4	796.4
22.5°	757.4	754.4	744.1	746.1	737.9	741.0	739.0	744.1	745.1	745.1	752.3
25°	716.4	712.3	713.3	709.2	706.1	706.1	703.0	706.1	710.2	712.3	713.3
27.5°	685.6	682.5	677.4	674.3	676.4	671.2	675.3	678.4	678.4	676.4	678.4
30°	648.6	650.7	650.7	640.4	644.5	642.5	645.6	647.6	647.6	648.6	646.6
32.5°	624.0	617.9	616.8	615.8	615.8	611.7	611.7	614.8	615.8	616.8	619.9
35°	591.2	591.2	586.0	589.1	585.0	586.0	585.0	586.0	588.1	585.0	588.1
37.5°	561.4	562.4	560.4	562.4	563.5	561.4	559.4	563.5	561.4	561.4	559.4
40°	535.7	534.7	535.7	535.7	535.7	536.8	534.7	534.7	534.7	532.7	530.6
42.5°	514.2	508.0	510.1	511.1	508.0	508.0	509.1	508.0	511.1	505.0	505.0
45°	483.4	481.4	482.4	482.4	484.4	481.4	483.4	484.4	481.4	480.3	478.3
47.5°	455.7	457.7	455.7	457.7	457.7	459.8	455.7	456.7	457.7	453.6	450.6
50°	428.0	428.0	431.1	430.0	431.1	429.0	429.0	428.0	429.0	427.0	423.9
52.5°	402.3	399.2	404.4	403.4	402.3	401.3	400.3	401.3	399.2	397.2	397.2
55°	370.5	370.5	373.6	374.6	374.6	372.6	370.5	371.5	370.5	369.5	368.5
57.5°	344.8	340.7	342.8	343.8	343.8	340.7	342.8	340.7	340.7	341.8	338.7
60°	312.0	312.0	310.0	313.0	313.0	311.0	311.0	312.0	310.0	308.9	307.9
62.5°	277.1	278.1	281.2	282.2	283.3	281.2	279.2	280.2	280.2	277.1	278.1
65°	247.3	249.4	253.5	252.5	250.4	251.5	249.4	250.4	247.3	248.4	245.3
67.5°	218.6	217.6	218.6	218.6	220.7	219.6	217.6	217.6	216.6	219.6	216.6
70°	187.8	187.8	187.8	187.8	188.8	189.9	187.8	185.8	186.8	184.7	183.7
72.5°	156.0	157.0	156.0	158.1	155.0	157.0	157.0	156.0	155.0	155.0	155.0
75°	126.2	128.3	125.2	126.2	125.2	127.3	126.2	126.2	124.2	123.2	124.2
77.5°	96.5	97.5	95.4	96.5	95.4	96.5	96.5	95.4	95.4	95.4	95.4
80°	68.8	69.8	68.8	67.7	66.7	68.8	66.7	67.7	68.8	67.7	69.8
82.5°	44.1	44.1	43.1	44.1	42.1	42.1	43.1	43.1	42.1	44.1	42.1
85°	21.6	21.6	23.6	21.6	20.5	20.5	20.5	21.6	20.5	22.6	21.6
87.5°	5.1	4.1	5.1	5.1	4.1	4.1	5.1	4.1	5.1	6.2	4.1
90°	30.6	30.9	31.4	31.9	32.5	33.0	32.5	31.9	31.4	30.9	30.6
92.5°	31.8	31.9	32.2	32.5	32.7	33.0	32.7	32.5	32.2	31.9	31.8
95°	53.8	53.7	53.4	53.1	52.9	52.6	52.9	53.1	53.4	53.7	53.8
97.5°	66.1	66.2	66.5	66.8	67.0	67.3	67.0	66.8	66.5	66.2	66.1
100°	79.5	79.8	80.3	80.9	81.4	82.0	81.4	80.9	80.3	79.8	79.5
102.5°	85.7	86.1	86.9	87.7	88.5	89.3	88.5	87.7	86.9	86.1	85.7
105°	88.1	88.6	89.7	90.8	91.9	93.0	91.9	90.8	89.7	88.6	88.1
107.5°	90.6	91.1	92.2	93.3	94.4	95.5	94.4	93.3	92.2	91.1	90.6
110°	91.8	92.3	93.4	94.5	95.6	96.7	95.6	94.5	93.4	92.3	91.8

TEST NUMBER: P1029601

CATALOG NUMBER: S122DIW-B675D1240UB2750-4F0-XX-W2A-A_3000K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
112.5°	94.2	94.6	95.4	96.3	97.1	97.9	97.1	96.3	95.4	94.6	94.2
115°	188.5	178.7	159.1	139.5	119.9	100.3	119.9	139.5	159.1	178.7	188.5
117.5°	646.1	610.5	539.2	468.0	396.7	325.5	396.7	468.0	539.2	610.5	646.1
120°	911.7	893.3	856.6	819.9	783.2	746.5	783.2	819.9	856.6	893.3	911.7
122.5°	976.5	976.6	976.9	977.2	977.5	977.8	977.5	977.2	976.9	976.6	976.5
125°	1042.6	1043.0	1043.8	1044.7	1045.5	1046.3	1045.5	1044.7	1043.8	1043.0	1042.6
127.5°	1106.3	1106.4	1106.7	1107.0	1107.2	1107.5	1107.2	1107.0	1106.7	1106.4	1106.3
130°	1165.0	1164.9	1164.6	1164.3	1164.1	1163.8	1164.1	1164.3	1164.6	1164.9	1165.0
132.5°	1220.1	1220.0	1219.7	1219.4	1219.1	1218.8	1219.1	1219.4	1219.7	1220.0	1220.1
135°	1273.9	1273.6	1273.1	1272.6	1272.0	1271.5	1272.0	1272.6	1273.1	1273.6	1273.9
137.5°	1324.1	1323.7	1322.9	1322.0	1321.2	1320.4	1321.2	1322.0	1322.9	1323.7	1324.1
140°	1371.8	1371.1	1369.8	1368.4	1367.1	1365.7	1367.1	1368.4	1369.8	1371.1	1371.8
142.5°	1415.9	1415.2	1413.8	1412.5	1411.1	1409.7	1411.1	1412.5	1413.8	1415.2	1415.9
145°	1456.2	1455.5	1454.2	1452.8	1451.5	1450.1	1451.5	1452.8	1454.2	1455.5	1456.2
147.5°	1491.7	1491.2	1490.1	1489.0	1487.9	1486.8	1487.9	1489.0	1490.1	1491.2	1491.7
150°	1526.0	1525.3	1524.0	1522.6	1521.3	1519.9	1521.3	1522.6	1524.0	1525.3	1526.0
152.5°	1556.6	1555.6	1553.7	1551.8	1549.9	1548.0	1549.9	1551.8	1553.7	1555.6	1556.6
155°	1583.5	1582.4	1580.2	1578.1	1575.9	1573.7	1575.9	1578.1	1580.2	1582.4	1583.5
157.5°	1608.0	1606.9	1604.7	1602.6	1600.4	1598.2	1600.4	1602.6	1604.7	1606.9	1608.0
160°	1627.6	1626.6	1624.7	1622.8	1620.9	1619.0	1620.9	1622.8	1624.7	1626.6	1627.6
162.5°	1647.2	1646.0	1643.5	1641.0	1638.6	1636.1	1638.6	1641.0	1643.5	1646.0	1647.2
165°	1661.8	1660.9	1659.0	1657.1	1655.2	1653.3	1655.2	1657.1	1659.0	1660.9	1661.8
167.5°	1675.3	1674.1	1671.6	1669.2	1666.7	1664.3	1666.7	1669.2	1671.6	1674.1	1675.3
170°	1685.1	1683.9	1681.4	1679.0	1676.5	1674.1	1676.5	1679.0	1681.4	1683.9	1685.1
172.5°	1692.4	1691.2	1688.7	1686.3	1683.8	1681.4	1683.8	1686.3	1688.7	1691.2	1692.4
175°	1697.3	1695.9	1693.2	1690.5	1687.8	1685.1	1687.8	1690.5	1693.2	1695.9	1697.3
177.5°	1698.5	1697.3	1694.8	1692.4	1689.9	1687.5	1689.9	1692.4	1694.8	1697.3	1698.5
180°	1691.2	1691.2	1691.2	1691.2	1691.2	1691.2	1691.2	1691.2	1691.2	1691.2	1691.2

TEST NUMBER: P1029601

CATALOG NUMBER: S122DIW-B675D1240UB2750-4F0-XX-W2A-A_3000K

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
0°	1335.3	1335.3	1335.3	1335.3	1335.3	1335.3	1335.3	1335.3	1335.3	1335.3	1335.3
2.5°	1267.5	1275.7	1272.7	1261.4	1274.7	1274.7	1283.9	1283.9	1295.2	1299.3	1305.5
5°	1195.7	1201.8	1207.0	1201.8	1211.1	1225.4	1233.7	1240.8	1256.2	1262.4	1271.6
7.5°	1118.7	1130.0	1135.1	1135.1	1150.5	1166.9	1183.4	1193.6	1215.2	1223.4	1232.6
10°	1043.8	1057.1	1067.4	1066.4	1092.0	1102.3	1122.8	1146.4	1168.0	1180.3	1193.6
12.5°	964.8	971.9	986.3	1006.8	1013.0	1031.5	1055.1	1084.8	1123.8	1135.1	1154.6
15°	899.1	918.6	929.9	939.1	953.5	970.9	996.6	1025.3	1064.3	1088.9	1109.5
17.5°	843.6	869.3	876.5	874.4	892.9	919.6	949.4	970.9	1005.8	1035.6	1055.1
20°	798.5	808.8	821.1	826.2	840.6	869.3	898.0	922.7	951.4	975.0	997.6
22.5°	753.3	761.5	771.8	781.0	792.3	808.8	836.5	867.3	895.0	917.5	943.2
25°	716.4	721.5	730.8	737.9	750.3	761.5	781.0	814.9	847.8	861.1	883.7
27.5°	680.5	684.6	690.7	698.9	705.1	716.4	733.8	761.5	795.4	808.8	839.5
30°	648.6	651.7	657.9	662.0	665.1	678.4	691.8	713.3	739.0	757.4	780.0
32.5°	618.9	622.0	628.1	629.1	633.2	640.4	652.8	672.3	694.8	710.2	729.7
35°	586.0	588.1	594.2	596.3	599.4	605.5	614.8	629.1	649.7	661.0	678.4
37.5°	560.4	559.4	563.5	566.5	570.6	573.7	576.8	591.2	606.6	616.8	630.2
40°	532.7	530.6	531.6	535.7	537.8	541.9	541.9	556.3	566.5	574.7	585.0
42.5°	505.0	503.9	501.9	503.9	506.0	507.0	508.0	518.3	528.6	535.7	547.0
45°	477.2	476.2	474.2	475.2	475.2	477.2	480.3	484.4	491.6	497.8	503.9
47.5°	451.6	449.5	446.5	445.4	447.5	447.5	447.5	451.6	458.8	460.8	467.0
50°	424.9	421.8	417.7	415.7	415.7	414.6	416.7	417.7	423.9	425.9	431.1
52.5°	396.2	394.1	390.0	385.9	386.9	384.9	385.9	386.9	389.0	392.1	395.1
55°	367.4	363.3	360.2	359.2	356.1	356.1	353.1	357.2	356.1	357.2	361.3
57.5°	339.7	335.6	330.5	328.4	325.3	324.3	322.3	321.2	322.3	325.3	328.4
60°	306.9	304.8	301.7	298.7	296.6	293.5	291.5	291.5	290.5	290.5	291.5
62.5°	275.1	274.0	269.9	268.9	266.8	264.8	261.7	259.7	259.7	261.7	262.7
65°	244.3	243.2	240.2	239.1	234.0	232.0	230.9	229.9	227.8	227.8	227.8
67.5°	215.5	212.5	212.5	207.3	203.2	201.2	199.1	198.1	198.1	198.1	199.1
70°	183.7	183.7	180.6	177.6	173.5	174.5	171.4	168.3	168.3	166.3	167.3
72.5°	152.9	151.9	148.8	147.8	144.7	141.6	139.6	141.6	138.6	137.5	138.6
75°	123.2	122.1	120.1	118.0	119.1	116.0	112.9	111.9	111.9	109.8	109.8
77.5°	94.4	96.5	92.4	91.3	89.3	87.2	86.2	85.2	85.2	85.2	87.2
80°	65.7	66.7	66.7	64.7	65.7	62.6	62.6	62.6	59.5	60.6	61.6
82.5°	42.1	42.1	41.1	42.1	41.1	41.1	40.0	40.0	39.0	39.0	40.0
85°	23.6	22.6	21.6	23.6	22.6	22.6	21.6	21.6	21.6	21.6	21.6
87.5°	5.1	6.2	6.2	6.2	6.2	7.2	7.2	7.2	8.2	8.2	8.2
90°	29.9	28.6	27.2	25.9	24.5	22.3	20.1	18.0	15.8	14.7	13.2
92.5°	31.5	31.0	30.5	29.9	29.4	28.6	27.8	26.9	26.1	25.7	26.2
95°	53.1	51.8	50.4	49.1	47.7	45.8	43.9	42.0	40.1	39.2	43.7
97.5°	65.7	64.9	64.0	63.2	62.4	58.0	53.7	49.3	45.0	42.8	54.0
100°	78.4	76.3	74.1	72.0	69.8	65.2	60.5	55.9	51.2	48.9	67.5
102.5°	84.2	81.2	78.2	75.2	72.2	121.7	171.2	220.7	270.2	294.9	295.2
105°	86.6	83.6	80.6	77.6	74.6	148.8	223.1	297.3	371.6	408.7	404.6
107.5°	89.1	86.1	83.1	80.1	77.1	168.7	260.4	352.0	443.7	489.5	486.1
110°	105.4	132.6	159.8	187.0	214.2	292.8	371.4	449.9	528.5	567.8	564.9

TEST NUMBER: P1029601

CATALOG NUMBER: S122DIW-B675D1240UB2750-4F0-XX-W2A-A_3000K

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
112.5°	152.8	270.0	387.3	504.5	621.7	626.3	630.9	635.6	640.2	642.5	640.0
115°	251.4	377.3	503.2	629.1	755.0	748.2	741.4	734.7	727.9	724.5	722.2
117.5°	665.5	704.4	743.3	782.2	821.1	816.5	811.9	807.2	802.6	800.3	797.6
120°	910.1	906.8	903.5	900.3	897.0	892.1	887.2	882.3	877.4	875.0	873.0
122.5°	975.7	974.1	972.4	970.8	969.2	963.8	958.3	952.9	947.4	944.7	942.5
125°	1041.7	1039.8	1037.9	1036.0	1034.1	1028.9	1023.7	1018.6	1013.4	1010.8	1009.0
127.5°	1104.9	1102.2	1099.5	1096.7	1094.0	1089.9	1085.9	1081.8	1077.7	1075.7	1073.8
130°	1163.5	1160.5	1157.5	1154.5	1151.5	1148.5	1145.5	1142.6	1139.6	1138.1	1135.9
132.5°	1218.9	1216.4	1214.0	1211.5	1209.1	1206.1	1203.1	1200.1	1197.1	1195.6	1193.8
135°	1272.5	1269.8	1267.1	1264.4	1261.7	1259.3	1256.8	1254.4	1251.9	1250.7	1248.5
137.5°	1322.7	1320.0	1317.3	1314.5	1311.8	1309.1	1306.4	1303.7	1301.0	1299.6	1298.0
140°	1370.6	1368.1	1365.7	1363.2	1360.8	1357.8	1354.8	1351.8	1348.8	1347.3	1346.2
142.5°	1414.8	1412.6	1410.5	1408.3	1406.1	1402.6	1399.0	1395.5	1392.0	1390.2	1389.2
145°	1455.3	1453.4	1451.5	1449.6	1447.7	1443.1	1438.5	1433.8	1429.2	1426.9	1427.0
147.5°	1491.0	1489.7	1488.3	1487.0	1485.6	1481.0	1476.4	1471.7	1467.1	1464.8	1465.2
150°	1525.2	1523.6	1521.9	1520.3	1518.7	1514.3	1510.0	1505.6	1501.3	1499.1	1500.0
152.5°	1555.8	1554.2	1552.5	1550.9	1549.3	1545.2	1541.1	1537.0	1532.9	1530.9	1532.0
155°	1582.7	1581.1	1579.4	1577.8	1576.2	1572.9	1569.7	1566.4	1563.1	1561.5	1562.7
157.5°	1607.0	1605.1	1603.2	1601.3	1599.4	1597.0	1594.5	1592.1	1589.6	1588.4	1589.5
160°	1626.8	1625.1	1623.5	1621.8	1620.2	1618.6	1617.0	1615.3	1613.7	1612.9	1613.7
162.5°	1646.2	1644.3	1642.4	1640.5	1638.6	1637.2	1635.9	1634.5	1633.2	1632.5	1633.3
165°	1660.9	1659.0	1657.1	1655.2	1653.3	1652.5	1651.7	1650.8	1650.0	1649.6	1650.4
167.5°	1674.3	1672.4	1670.5	1668.6	1666.7	1665.9	1665.1	1664.3	1663.5	1663.1	1663.9
170°	1684.1	1682.2	1680.3	1678.4	1676.5	1676.0	1675.4	1674.9	1674.4	1674.1	1674.9
172.5°	1691.5	1689.6	1687.7	1685.8	1683.9	1683.3	1682.8	1682.2	1681.7	1681.4	1682.2
175°	1696.4	1694.5	1692.6	1690.7	1688.8	1688.2	1687.7	1687.1	1686.6	1686.3	1687.3
177.5°	1697.6	1695.7	1693.8	1691.9	1690.0	1689.7	1689.5	1689.2	1688.9	1688.8	1689.7
180°	1691.2	1691.2	1691.2	1691.2	1691.2	1691.2	1691.2	1691.2	1691.2	1691.2	1691.2

TEST NUMBER: P1029601

CATALOG NUMBER: S122DIW-B675D1240UB2750-4F0-XX-W2A-A_3000K

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
0°	1335.3	1335.3	1335.3	1335.3
2.5°	1310.6	1310.6	1326.0	1342.4
5°	1281.9	1289.1	1313.7	1336.3
7.5°	1254.2	1266.5	1297.3	1326.0
10°	1220.3	1236.7	1274.7	1308.6
12.5°	1187.5	1202.9	1247.0	1285.0
15°	1141.3	1160.8	1208.0	1255.2
17.5°	1095.1	1114.6	1172.1	1227.5
20°	1040.7	1066.4	1131.0	1204.9
22.5°	990.4	1022.2	1094.1	1153.6
25°	935.0	984.3	1051.0	1127.9
27.5°	885.7	935.0	1002.7	1080.7
30°	830.3	880.6	950.4	1022.2
32.5°	776.9	823.1	890.9	979.1
35°	721.5	765.6	831.3	920.6
37.5°	671.2	714.3	786.2	868.3
40°	622.0	667.1	728.7	810.8
42.5°	575.8	615.8	671.2	753.3
45°	533.7	562.4	613.7	690.7
47.5°	489.6	515.2	562.4	639.4
50°	448.5	470.1	511.1	583.0
52.5°	408.5	427.0	464.9	522.4
55°	372.6	390.0	417.7	474.2
57.5°	335.6	349.0	375.6	420.8
60°	299.7	312.0	333.6	370.5
62.5°	263.8	274.0	294.6	324.3
65°	232.0	240.2	255.6	281.2
67.5°	201.2	206.3	218.6	239.1
70°	171.4	175.5	185.8	202.2
72.5°	139.6	143.7	155.0	166.3
75°	112.9	113.9	122.1	131.4
77.5°	88.3	87.2	93.4	100.6
80°	60.6	63.6	68.8	71.8
82.5°	41.1	42.1	44.1	46.2
85°	22.6	23.6	23.6	26.7
87.5°	9.2	10.3	10.3	11.3
90°	10.2	7.2	4.2	1.2
92.5°	27.3	28.4	29.5	30.6
95°	52.6	61.6	70.5	79.5
97.5°	76.3	98.6	120.9	143.2
100°	104.8	142.1	179.3	216.6
102.5°	295.7	296.3	296.8	297.4
105°	396.5	388.3	380.2	372.0
107.5°	479.3	472.5	465.7	458.9
110°	559.2	553.5	547.8	542.1

TEST NUMBER: P1029601

CATALOG NUMBER: S122DIW-B675D1240UB2750-4F0-XX-W2A-A_3000K

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
112.5°	635.1	630.2	625.3	620.4
115°	717.5	712.9	708.2	703.6
117.5°	792.2	786.7	781.3	775.9
120°	868.9	864.8	860.7	856.6
122.5°	938.2	933.8	929.5	925.1
125°	1005.5	1002.0	998.4	994.9
127.5°	1070.0	1066.1	1062.3	1058.5
130°	1131.6	1127.2	1122.9	1118.5
132.5°	1190.3	1186.8	1183.2	1179.7
135°	1244.2	1239.8	1235.5	1231.1
137.5°	1294.7	1291.4	1288.2	1284.9
140°	1344.0	1341.9	1339.7	1337.5
142.5°	1387.3	1385.4	1383.5	1381.6
145°	1427.3	1427.6	1427.8	1428.1
147.5°	1466.0	1466.9	1467.7	1468.5
150°	1501.9	1503.8	1505.7	1507.6
152.5°	1534.2	1536.3	1538.5	1540.7
155°	1565.2	1567.6	1570.1	1572.5
157.5°	1591.7	1593.8	1596.0	1598.2
160°	1615.3	1617.0	1618.6	1620.2
162.5°	1634.9	1636.6	1638.2	1639.8
165°	1652.0	1653.7	1655.3	1656.9
167.5°	1665.5	1667.2	1668.8	1670.4
170°	1676.5	1678.2	1679.8	1681.4
172.5°	1683.9	1685.5	1687.2	1688.8
175°	1689.2	1691.1	1693.0	1694.9
177.5°	1691.6	1693.5	1695.4	1697.3
180°	1691.2	1691.2	1691.2	1691.2

(END OF REPORT)