

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: P1029632

Luminaire Tested: S122DIW-B675D1440UB2750-4F0-XX-W2A-A_3500K

Issue Date: 5/6/2025

Test Information

Test Method: LM-79-2019
Report Number: P1029632
REPORT IS A COMBINATION OF REPORTS P986479 AND P1007351
Test Lab: INNOVATION CENTER
Issue Date: 5/6/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: NEO-RAY
Catalog Number: S122DIW-B675D1440UB2750-4F0-XX-W2A-A_3500K
Description: Define 2 Direct/Indirect Wall Mount with 3500K BioUP LEDs {m-DER=0.721} {m-EER=0.792}
Light Source: -
Ballast/Driver: -

Summary

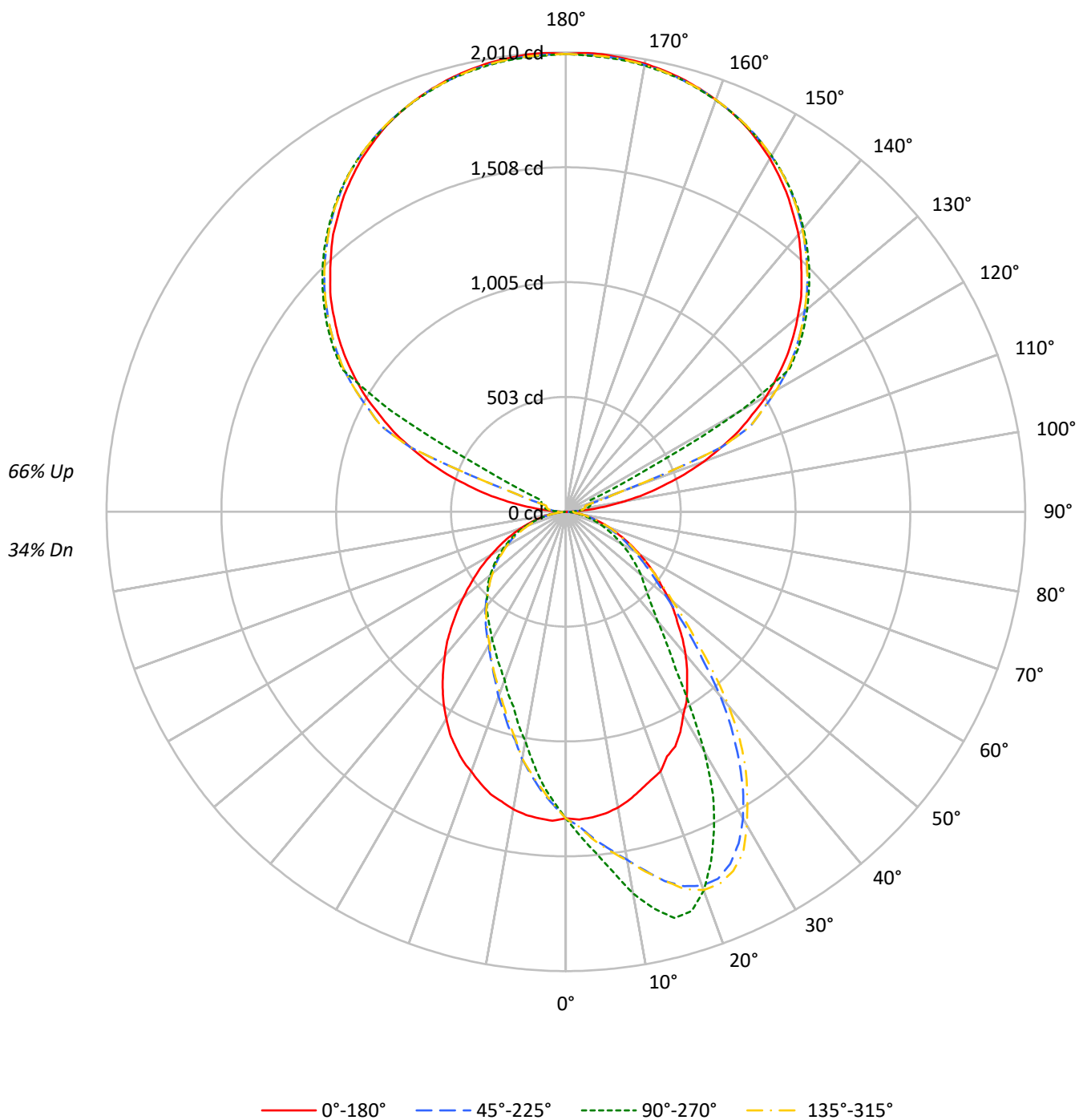
Lumens per Lamp: N/A
Luminaire Lumens: 8833.0 lumens
Efficiency: N/A
Efficacy: 100.3 lumens/watt
Spacing Criteria (0/90/45): 1.16 / 1.09 / 1.23
Luminous Opening: Rectangular w/ Sides (W: 0.17' x L: 4' x H: 0.1')
CIE Type: Semi-Indirect

Input Watts (W): 88.1
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: P1029632

CATALOG NUMBER: S122DIW-B675D1440UB2750-4F0-XX-W2A-A_3500K

Luminous Intensity Polar Plot



TEST NUMBER: P1029632

CATALOG NUMBER: S122DIW-B675D1440UB2750-4F0-XX-W2A-A_3500K

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	103	103	103	103	93	93	93	93	74	74	74	57	57	57	41	41	41			34
1	94	90	87	83	85	82	79	76	65	63	61	50	49	48	37	36	35			29
2	86	79	73	69	78	72	67	63	58	54	51	45	42	40	33	31	30			25
3	79	70	63	57	71	63	57	53	51	47	43	40	37	35	29	27	26			21
4	72	62	54	49	65	56	50	45	46	41	37	36	32	30	26	24	23			19
5	66	55	48	42	60	50	44	39	41	36	32	32	29	26	24	22	20			16
6	61	50	42	36	55	45	38	34	37	32	28	29	26	23	22	19	18			15
7	56	45	37	32	51	41	34	29	33	28	25	26	23	20	20	18	16			13
8	52	41	33	28	47	37	31	26	30	26	22	24	21	18	18	16	14			12
9	49	37	30	25	44	34	28	23	28	23	20	22	19	16	17	15	13			11
10	46	34	27	22	41	31	25	21	26	21	18	21	17	15	16	13	12			10

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	21222	21222	21222	21222
5°	21273	22627	21355	18003
10°	21026	24702	21159	14843
15°	20516	26055	20801	12503
20°	20196	24464	20196	10867
25°	19552	21017	19642	9718
30°	18494	16522	18847	8802
35°	17556	11424	17848	8053
40°	16477	8626	16665	7457
45°	15146	7088	15395	6812
50°	13997	6221	14023	6237
55°	12686	5302	12769	5611
60°	11288	4428	11446	4896
65°	10039	3601	10220	4182
70°	8791	2825	9017	3372
75°	7379	2052	7669	2446
80°	5756	1299	6171	1451
85°	3786	654	4082	484

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 157.5°

Vertical Angle: 45°

Luminance: 21938 cd/sqm

TEST NUMBER: P1029632

CATALOG NUMBER: S122DIW-B675D1440UB2750-4F0-XX-W2A-A_3500K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	127.7	1.4
10°-20°	371.7	4.2
20°-30°	539.4	6.1
30°-40°	568.7	6.4
40°-50°	503.2	5.7
50°-60°	401.8	4.5
60°-70°	272.9	3.1
70°-80°	139.6	1.6
80°-90°	36.5	0.4
90°-100°	66.1	0.7
100°-110°	246.2	2.8
110°-120°	652.9	7.4
120°-130°	1082.9	12.3
130°-140°	1150.3	13.0
140°-150°	1069.1	12.1
150°-160°	859.5	9.7
160°-170°	553.8	6.3
170°-180°	190.6	2.2
0°-30°	1038.8	11.8
0°-40°	1607.5	18.2
0°-60°	2512.4	28.4
0°-90°	2961.5	33.5
90°-120°	965.2	10.9
90°-150°	4267.5	48.3
90°-180°	5871.0	66.5
0°-180°	8833.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1341	1341	1341	1341	1341	
5°	1342	1497	1347	1191	1342	127
15°	1260	1840	1278	883	1260	356
25°	1132	1533	1138	709	1132	518
35°	924	835	940	588	924	578
45°	694	503	705	483	694	538
55°	476	354	479	374	476	425
65°	282	217	288	252	282	281
75°	132	107	137	128	132	142
85°	27	28	29	21	27	31
90°	1	39	1	39	1	7
95°	94	62	94	62	94	112
105°	441	110	441	110	441	471
115°	833	119	833	119	833	820
125°	1178	1239	1178	1239	1178	1051
135°	1458	1506	1458	1506	1458	1126
145°	1691	1717	1691	1717	1691	1058
155°	1862	1864	1862	1864	1862	858
165°	1962	1958	1962	1958	1962	554
175°	2007	1996	2007	1996	2007	191
180°	2003	2003	2003	2003	2003	

TEST NUMBER: P1029632

CATALOG NUMBER: S122DIW-B675D1440UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	1340.7	1340.7	1340.7	1340.7	1340.7	1340.7	1340.7	1340.7	1340.7	1340.7	1340.7
2.5°	1347.9	1351.0	1356.2	1357.2	1367.5	1375.7	1385.0	1385.0	1388.1	1387.1	1378.8
5°	1341.7	1351.0	1364.4	1375.7	1394.3	1402.5	1414.9	1424.2	1432.4	1438.6	1437.6
7.5°	1331.4	1347.9	1367.5	1389.1	1413.9	1428.3	1445.8	1462.3	1473.6	1483.9	1491.2
10°	1313.9	1341.7	1368.5	1397.4	1429.3	1448.9	1469.5	1491.2	1508.7	1528.3	1546.8
12.5°	1290.2	1330.4	1363.4	1401.5	1440.7	1462.3	1495.3	1511.8	1545.8	1595.2	1608.6
15°	1260.3	1314.9	1345.9	1394.3	1445.8	1463.3	1508.7	1535.5	1605.5	1636.5	1673.6
17.5°	1232.5	1293.3	1334.5	1390.2	1440.7	1474.7	1519.0	1573.6	1632.3	1676.7	1717.9
20°	1209.8	1268.6	1318.0	1379.9	1443.8	1487.0	1533.4	1599.4	1663.3	1708.6	1740.5
22.5°	1158.3	1233.5	1291.2	1360.3	1437.6	1497.3	1541.7	1613.8	1682.8	1710.7	1738.5
25°	1132.5	1197.5	1264.4	1342.8	1433.4	1504.6	1542.7	1623.1	1683.9	1694.2	1700.4
27.5°	1085.1	1158.3	1236.6	1326.3	1432.4	1492.2	1540.6	1613.8	1662.2	1655.0	1636.5
30°	1026.4	1116.1	1202.6	1299.5	1418.0	1482.9	1528.3	1595.2	1620.0	1582.9	1549.9
32.5°	983.1	1067.6	1163.5	1275.8	1401.5	1463.3	1507.6	1560.2	1565.4	1498.4	1442.7
35°	924.4	1018.2	1126.4	1244.9	1373.7	1429.3	1470.5	1502.5	1477.8	1384.0	1318.0
37.5°	871.8	964.6	1080.0	1200.6	1335.6	1390.2	1423.1	1428.3	1367.5	1285.1	1188.2
40°	814.1	909.9	1030.5	1157.3	1293.3	1340.7	1361.3	1345.9	1258.3	1162.4	1050.1
42.5°	756.4	851.2	981.1	1110.9	1239.7	1279.9	1288.1	1245.9	1138.7	1026.4	896.6
45°	693.5	792.5	922.3	1053.2	1177.9	1200.6	1201.6	1140.8	1014.0	896.6	776.0
47.5°	642.0	733.7	862.5	993.4	1098.5	1114.0	1107.8	1037.7	899.6	767.7	662.6
50°	585.3	672.9	800.7	929.5	1019.2	1023.3	1007.8	907.9	772.9	652.3	568.8
52.5°	524.5	613.2	730.6	854.3	934.7	928.5	898.6	791.4	664.7	564.7	500.8
55°	476.1	554.4	664.7	785.3	841.9	824.4	791.4	682.2	582.2	497.7	442.1
57.5°	422.5	491.6	599.8	704.9	737.9	721.4	688.4	586.4	493.6	429.7	392.6
60°	372.0	434.9	529.7	617.3	643.0	625.5	587.4	495.7	428.7	375.1	347.3
62.5°	325.6	380.3	459.6	540.0	550.3	532.8	499.8	425.6	367.9	325.6	305.0
65°	282.4	333.9	397.8	458.6	467.9	449.3	415.3	361.7	313.3	286.5	266.9
67.5°	240.1	281.3	338.0	382.3	387.5	370.0	342.1	298.9	269.0	240.1	225.7
70°	203.0	233.9	278.2	314.3	316.4	299.9	285.5	246.3	223.6	203.0	191.7
72.5°	166.9	188.6	222.6	249.4	250.4	240.1	226.7	202.0	182.4	168.0	156.6
75°	131.9	150.5	171.1	194.8	193.7	185.5	175.2	159.7	143.2	134.0	128.8
77.5°	101.0	112.3	128.8	144.3	144.3	140.2	134.0	122.6	112.3	103.1	97.9
80°	72.1	79.3	92.7	97.9	100.0	98.9	93.8	85.5	81.4	74.2	72.1
82.5°	46.4	51.5	57.7	62.9	66.0	63.9	62.9	58.7	52.6	50.5	48.4
85°	26.8	28.9	31.9	35.0	36.1	35.0	37.1	34.0	30.9	30.9	29.9
87.5°	11.3	12.4	14.4	14.4	15.5	15.5	14.4	15.5	15.5	14.4	13.4
90°	1.4	5.0	8.5	12.1	15.6	17.4	18.7	21.3	23.8	26.4	29.0
92.5°	36.2	34.9	33.6	32.3	31.0	30.4	30.9	31.9	32.8	33.8	34.8
95°	94.2	83.6	73.0	62.3	51.7	46.4	47.5	49.8	52.0	54.3	56.5
97.5°	169.6	143.2	116.8	90.3	63.9	50.7	53.3	58.4	63.6	68.7	73.9
100°	256.5	212.4	168.3	124.2	80.1	58.0	60.7	66.2	71.7	77.1	82.6
102.5°	352.2	351.6	350.9	350.3	349.6	349.3	320.0	261.4	202.7	144.1	85.5
105°	440.6	450.2	459.9	469.5	479.2	484.0	440.0	352.1	264.2	176.3	88.4
107.5°	543.4	551.5	559.5	567.6	575.7	579.7	525.4	416.9	308.4	199.8	91.3
110°	642.0	648.8	655.5	662.3	669.0	672.4	625.9	532.8	439.7	346.7	253.6

TEST NUMBER: P1029632

CATALOG NUMBER: S122DIW-B675D1440UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	734.7	740.5	746.3	752.1	757.9	760.8	758.1	752.6	747.1	741.7	736.2
115°	833.3	838.8	844.2	849.7	855.2	857.9	861.9	870.0	878.1	886.1	894.2
117.5°	918.8	925.2	931.7	938.1	944.6	947.8	950.5	956.0	961.5	966.9	972.4
120°	1014.4	1019.2	1024.1	1028.9	1033.8	1036.2	1039.1	1044.9	1050.7	1056.5	1062.3
122.5°	1095.6	1100.8	1105.9	1111.1	1116.2	1118.8	1122.0	1128.5	1134.9	1141.4	1147.8
125°	1178.2	1182.4	1186.6	1190.7	1194.9	1197.0	1200.1	1206.2	1212.3	1218.5	1224.6
127.5°	1253.6	1258.1	1262.6	1267.1	1271.6	1273.8	1276.2	1281.1	1285.9	1290.8	1295.6
130°	1324.6	1329.8	1334.9	1340.1	1345.2	1347.8	1349.6	1353.1	1356.6	1360.2	1363.7
132.5°	1397.0	1401.2	1405.4	1409.6	1413.8	1415.9	1417.7	1421.2	1424.7	1428.3	1431.8
135°	1457.9	1463.1	1468.2	1473.4	1478.5	1481.1	1482.5	1485.4	1488.3	1491.2	1494.1
137.5°	1521.7	1525.5	1529.4	1533.2	1537.1	1539.0	1540.6	1543.8	1547.1	1550.3	1553.5
140°	1584.0	1586.6	1589.2	1591.7	1594.3	1595.6	1597.4	1600.9	1604.4	1608.0	1611.5
142.5°	1636.1	1638.4	1640.6	1642.9	1645.2	1646.3	1648.4	1652.6	1656.7	1660.9	1665.1
145°	1691.2	1690.9	1690.6	1690.3	1690.0	1689.8	1692.5	1698.0	1703.5	1708.9	1714.4
147.5°	1739.0	1738.0	1737.1	1736.1	1735.2	1734.7	1737.4	1742.9	1748.4	1753.8	1759.3
150°	1785.4	1783.2	1780.9	1778.7	1776.4	1775.3	1777.9	1783.0	1788.2	1793.3	1798.5
152.5°	1824.5	1821.9	1819.3	1816.8	1814.2	1812.9	1815.3	1820.2	1825.0	1829.9	1834.7
155°	1862.2	1859.3	1856.4	1853.5	1850.6	1849.2	1851.1	1855.0	1858.9	1862.7	1866.6
157.5°	1892.7	1890.1	1887.5	1885.0	1882.4	1881.1	1882.5	1885.4	1888.3	1891.2	1894.1
160°	1918.7	1916.8	1914.8	1912.9	1911.0	1910.0	1911.0	1912.9	1914.8	1916.8	1918.7
162.5°	1941.9	1940.0	1938.0	1936.1	1934.2	1933.2	1934.0	1935.6	1937.3	1938.9	1940.5
165°	1962.2	1960.3	1958.3	1956.4	1954.5	1953.5	1954.0	1955.0	1955.9	1956.9	1957.9
167.5°	1978.2	1976.3	1974.3	1972.4	1970.5	1969.5	1970.0	1970.9	1971.9	1972.8	1973.8
170°	1991.2	1989.3	1987.3	1985.4	1983.5	1982.5	1982.8	1983.5	1984.1	1984.8	1985.4
172.5°	1999.9	1998.0	1996.0	1994.1	1992.2	1991.2	1991.5	1992.2	1992.8	1993.5	1994.1
175°	2007.1	2004.9	2002.6	2000.4	1998.1	1997.0	1997.3	1998.0	1998.6	1999.3	1999.9
177.5°	2010.0	2007.8	2005.5	2003.3	2001.0	1999.9	2000.1	2000.4	2000.7	2001.0	2001.3
180°	2002.8	2002.8	2002.8	2002.8	2002.8	2002.8	2002.8	2002.8	2002.8	2002.8	2002.8

TEST NUMBER: P1029632

CATALOG NUMBER: S122DIW-B675D1440UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	1340.7	1340.7	1340.7	1340.7	1340.7	1340.7	1340.7	1340.7	1340.7	1340.7	1340.7
2.5°	1393.3	1394.3	1396.4	1406.7	1411.8	1412.8	1408.7	1418.0	1421.1	1418.0	1415.9
5°	1459.2	1465.4	1477.8	1491.2	1490.1	1491.2	1497.3	1503.5	1505.6	1497.3	1500.4
7.5°	1516.9	1529.3	1542.7	1563.3	1563.3	1573.6	1577.7	1582.9	1595.2	1589.1	1587.0
10°	1582.9	1599.4	1624.1	1657.1	1658.1	1668.4	1678.7	1695.2	1700.4	1696.2	1698.3
12.5°	1665.3	1697.3	1699.3	1735.4	1751.9	1753.9	1770.4	1767.3	1777.6	1777.6	1795.2
15°	1701.4	1750.8	1778.7	1813.7	1824.0	1811.6	1825.0	1839.5	1840.5	1840.5	1839.5
17.5°	1766.3	1785.9	1813.7	1832.3	1836.4	1836.4	1837.4	1843.6	1839.5	1831.2	1837.4
20°	1779.7	1787.9	1798.3	1796.2	1798.3	1787.9	1777.6	1767.3	1768.4	1763.2	1778.7
22.5°	1755.0	1752.9	1729.2	1713.8	1713.8	1693.1	1673.6	1664.3	1655.0	1658.1	1663.3
25°	1693.1	1661.2	1632.3	1609.7	1604.5	1571.5	1544.7	1536.5	1521.0	1533.4	1535.5
27.5°	1594.2	1558.1	1511.8	1492.2	1465.4	1452.0	1433.4	1408.7	1376.8	1395.3	1392.2
30°	1488.1	1434.5	1396.4	1348.9	1306.7	1303.6	1268.6	1227.3	1210.9	1210.9	1220.1
32.5°	1369.6	1298.5	1242.8	1175.8	1134.6	1117.1	1074.8	1033.6	1042.9	1012.0	1023.3
35°	1231.5	1137.7	1067.6	1002.7	971.8	951.2	896.6	873.9	849.1	834.7	861.5
37.5°	1099.6	991.4	901.7	830.6	819.3	782.2	745.1	730.6	716.2	722.4	721.4
40°	938.8	843.0	762.6	706.9	687.4	669.8	645.1	627.6	618.3	623.5	624.5
42.5°	793.5	713.1	653.3	614.2	597.7	585.3	573.0	558.5	555.4	555.4	559.6
45°	681.2	615.2	575.0	543.1	533.8	524.5	515.3	509.1	507.0	502.9	506.0
47.5°	591.5	539.0	514.2	490.5	480.2	478.2	469.9	466.8	462.7	461.7	462.7
50°	516.3	483.3	460.6	447.2	440.0	436.9	432.8	426.6	424.6	429.7	427.7
52.5°	463.7	432.8	420.5	407.1	402.9	398.8	392.6	393.7	392.6	390.6	390.6
55°	411.2	391.6	379.2	368.9	367.9	363.8	358.6	356.6	355.5	353.5	356.6
57.5°	368.9	353.5	342.1	332.9	328.7	328.7	323.6	319.5	319.5	318.4	319.5
60°	326.7	311.2	304.0	294.7	291.6	290.6	287.5	285.5	282.4	282.4	282.4
62.5°	287.5	275.1	266.9	258.7	259.7	254.5	250.4	248.4	248.4	249.4	249.4
65°	250.4	242.2	231.9	224.7	222.6	221.6	219.5	218.5	215.4	217.4	217.4
67.5°	216.4	205.1	198.9	195.8	192.7	191.7	189.6	187.6	186.5	185.5	187.6
70°	182.4	173.1	168.0	165.9	162.8	161.8	160.8	157.7	158.7	159.7	160.8
72.5°	151.5	143.2	142.2	136.0	136.0	136.0	131.9	134.0	132.9	130.9	132.9
75°	119.5	115.4	113.4	110.3	111.3	110.3	109.2	106.1	106.1	107.2	108.2
77.5°	94.8	90.7	89.7	86.6	84.5	86.6	84.5	83.5	83.5	84.5	84.5
80°	70.1	68.0	64.9	64.9	64.9	63.9	63.9	63.9	62.9	61.8	62.9
82.5°	46.4	46.4	45.3	44.3	45.3	43.3	44.3	44.3	44.3	44.3	44.3
85°	29.9	28.9	28.9	27.8	27.8	27.8	28.9	26.8	26.8	27.8	27.8
87.5°	13.4	13.4	13.4	14.4	13.4	13.4	13.4	14.4	13.4	13.4	13.4
90°	30.6	32.2	33.8	35.4	36.2	36.5	37.2	37.8	38.5	39.1	38.5
92.5°	35.4	36.1	36.7	37.4	37.7	37.9	38.2	38.5	38.8	39.1	38.8
95°	58.1	59.7	61.4	63.0	63.8	63.6	63.3	63.0	62.6	62.3	62.6
97.5°	74.9	75.9	76.8	77.8	78.3	78.5	78.8	79.1	79.4	79.7	79.4
100°	85.2	87.8	90.3	92.9	94.2	94.5	95.2	95.8	96.5	97.1	96.5
102.5°	89.0	92.6	96.1	99.6	101.4	101.9	102.9	103.8	104.8	105.8	104.8
105°	91.9	95.5	99.0	102.5	104.3	104.9	106.2	107.5	108.8	110.1	108.8
107.5°	94.8	98.4	101.9	105.4	107.2	107.8	109.1	110.4	111.7	113.0	111.7
110°	221.4	189.2	157.0	124.8	108.7	109.3	110.6	111.9	113.2	114.5	113.2

TEST NUMBER: P1029632

CATALOG NUMBER: S122DIW-B675D1440UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	597.4	458.6	319.8	181.0	111.6	112.1	113.0	114.0	114.9	115.9	114.9
115°	745.1	596.0	446.9	297.8	223.2	211.6	188.4	165.2	142.0	118.8	142.0
117.5°	926.4	880.3	834.3	788.2	765.2	723.0	638.6	554.3	469.9	385.5	469.9
120°	1066.2	1070.0	1073.9	1077.8	1079.7	1058.0	1014.5	971.0	927.5	884.0	927.5
122.5°	1149.7	1151.7	1153.6	1155.5	1156.5	1156.7	1157.0	1157.3	1157.6	1157.9	1157.6
125°	1226.8	1229.1	1231.3	1233.6	1234.7	1235.2	1236.2	1237.1	1238.1	1239.1	1238.1
127.5°	1298.8	1302.0	1305.3	1308.5	1310.1	1310.3	1310.6	1310.9	1311.2	1311.5	1311.2
130°	1367.2	1370.8	1374.3	1377.8	1379.6	1379.4	1379.1	1378.8	1378.5	1378.2	1378.5
132.5°	1434.7	1437.6	1440.5	1443.4	1444.8	1444.6	1444.3	1444.0	1443.7	1443.4	1443.7
135°	1497.3	1500.5	1503.8	1507.0	1508.6	1508.3	1507.6	1507.0	1506.3	1505.7	1506.3
137.5°	1556.7	1559.9	1563.2	1566.4	1568.0	1567.5	1566.6	1565.6	1564.7	1563.7	1564.7
140°	1614.4	1617.3	1620.2	1623.1	1624.5	1623.7	1622.1	1620.5	1618.9	1617.3	1618.9
142.5°	1667.7	1670.3	1672.8	1675.4	1676.7	1675.9	1674.3	1672.7	1671.1	1669.5	1671.1
145°	1716.6	1718.9	1721.1	1723.4	1724.5	1723.7	1722.1	1720.5	1718.9	1717.3	1718.9
147.5°	1760.9	1762.5	1764.2	1765.8	1766.6	1766.0	1764.7	1763.4	1762.1	1760.8	1762.1
150°	1800.4	1802.3	1804.2	1806.1	1807.1	1806.3	1804.7	1803.1	1801.5	1799.9	1801.5
152.5°	1836.6	1838.6	1840.5	1842.4	1843.4	1842.3	1840.0	1837.7	1835.5	1833.2	1835.5
155°	1868.5	1870.5	1872.4	1874.3	1875.3	1874.0	1871.4	1868.9	1866.3	1863.7	1866.3
157.5°	1896.3	1898.6	1900.8	1903.1	1904.2	1902.9	1900.4	1897.8	1895.3	1892.7	1895.3
160°	1920.6	1922.6	1924.5	1926.4	1927.4	1926.3	1924.0	1921.8	1919.5	1917.3	1919.5
162.5°	1942.7	1945.0	1947.2	1949.5	1950.6	1949.2	1946.3	1943.4	1940.5	1937.6	1940.5
165°	1960.1	1962.4	1964.6	1966.9	1968.0	1966.9	1964.6	1962.4	1960.1	1957.9	1960.1
167.5°	1976.0	1978.3	1980.5	1982.8	1983.9	1982.5	1979.6	1976.7	1973.8	1970.9	1973.8
170°	1987.6	1989.9	1992.1	1994.4	1995.5	1994.1	1991.2	1988.3	1985.4	1982.5	1985.4
172.5°	1996.3	1998.6	2000.8	2003.1	2004.2	2002.8	1999.9	1997.0	1994.1	1991.2	1994.1
175°	2002.1	2004.4	2006.6	2008.9	2010.0	2008.4	2005.2	2001.9	1998.7	1995.5	1998.7
177.5°	2003.6	2005.8	2008.1	2010.4	2011.5	2010.0	2007.1	2004.2	2001.3	1998.4	2001.3
180°	2002.8	2002.8	2002.8	2002.8	2002.8	2002.8	2002.8	2002.8	2002.8	2002.8	2002.8

TEST NUMBER: P1029632

CATALOG NUMBER: S122DIW-B675D1440UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	1340.7	1340.7	1340.7	1340.7	1340.7	1340.7	1340.7	1340.7	1340.7	1340.7	1340.7
2.5°	1421.1	1413.9	1407.7	1408.7	1413.9	1409.7	1399.4	1386.0	1380.9	1374.7	1380.9
5°	1506.6	1500.4	1488.1	1489.1	1486.0	1481.9	1465.4	1444.8	1444.8	1428.3	1426.2
7.5°	1591.1	1581.8	1573.6	1571.5	1560.2	1552.0	1537.5	1508.7	1497.3	1477.8	1466.4
10°	1685.9	1678.7	1669.4	1658.1	1651.9	1637.5	1613.8	1571.5	1550.9	1524.1	1504.6
12.5°	1781.8	1780.7	1760.1	1737.5	1736.4	1713.8	1697.3	1640.6	1612.8	1576.7	1530.3
15°	1842.6	1837.4	1826.1	1814.7	1817.8	1793.1	1756.0	1689.0	1670.5	1627.2	1577.7
17.5°	1841.5	1841.5	1838.4	1836.4	1833.3	1826.1	1805.5	1761.2	1731.3	1676.7	1630.3
20°	1782.8	1796.2	1799.3	1798.3	1808.6	1813.7	1812.7	1784.9	1761.2	1712.7	1665.3
22.5°	1665.3	1696.2	1709.6	1717.9	1739.5	1750.8	1777.6	1767.3	1761.2	1725.1	1684.9
25°	1556.1	1566.4	1606.6	1608.6	1638.5	1666.3	1693.1	1710.7	1733.3	1719.9	1685.9
27.5°	1414.9	1438.6	1467.5	1489.1	1495.3	1552.0	1596.3	1629.2	1680.8	1684.9	1673.6
30°	1255.2	1266.5	1313.9	1342.8	1375.7	1417.0	1480.9	1537.5	1583.9	1626.2	1640.6
32.5°	1060.4	1106.8	1134.6	1169.6	1198.5	1271.7	1350.0	1423.1	1476.7	1547.8	1578.8
35°	882.1	918.2	965.6	980.0	1032.6	1094.4	1196.4	1290.2	1371.6	1443.8	1506.6
37.5°	734.8	763.6	814.1	836.8	867.7	947.0	1032.6	1149.0	1246.9	1335.6	1413.9
40°	633.8	655.4	693.5	700.8	726.5	798.7	867.7	976.9	1106.8	1226.3	1311.8
42.5°	564.7	575.0	600.8	610.1	626.6	675.0	736.8	839.9	960.4	1084.1	1204.7
45°	515.3	522.5	537.9	546.2	566.8	588.4	638.9	721.4	816.2	940.9	1070.7
47.5°	470.9	480.2	486.4	491.6	502.9	526.6	559.6	620.4	711.1	825.4	951.2
50°	433.8	436.9	448.3	449.3	456.5	472.0	502.9	540.0	612.1	704.9	826.5
52.5°	396.7	399.8	407.1	414.3	417.4	429.7	450.3	481.3	534.8	608.0	716.2
55°	359.7	363.8	371.0	376.1	379.2	389.5	401.9	431.8	474.0	525.6	614.2
57.5°	322.6	331.8	333.9	337.0	342.1	353.5	364.8	382.3	415.3	462.7	527.6
60°	287.5	290.6	297.8	300.9	306.1	312.2	326.7	340.1	363.8	400.9	459.6
62.5°	251.4	258.7	261.8	264.8	269.0	276.2	285.5	299.9	320.5	350.4	396.7
65°	220.5	221.6	227.7	231.9	236.0	241.1	250.4	263.8	276.2	304.0	338.0
67.5°	190.6	192.7	194.8	198.9	204.0	209.2	217.4	224.7	240.1	258.7	285.5
70°	161.8	161.8	166.9	170.0	169.0	175.2	181.4	189.6	201.0	218.5	240.1
72.5°	136.0	135.0	139.1	140.2	142.2	146.3	150.5	158.7	164.9	178.3	194.8
75°	108.2	110.3	112.3	112.3	115.4	118.5	122.6	126.8	134.0	142.2	154.6
77.5°	85.5	85.5	87.6	88.6	91.7	90.7	94.8	98.9	104.1	111.3	120.6
80°	62.9	64.9	64.9	64.9	66.0	67.0	71.1	74.2	77.3	82.4	86.6
82.5°	44.3	44.3	46.4	46.4	46.4	48.4	48.4	49.5	51.5	54.6	57.7
85°	27.8	27.8	27.8	28.9	27.8	28.9	30.9	29.9	30.9	33.0	33.0
87.5°	13.4	13.4	13.4	13.4	13.4	14.4	13.4	14.4	15.5	15.5	15.5
90°	37.8	37.2	36.5	36.2	35.4	33.8	32.2	30.6	29.0	26.4	23.8
92.5°	38.5	38.2	37.9	37.7	37.4	36.7	36.1	35.4	34.8	33.8	32.8
95°	63.0	63.3	63.6	63.8	63.0	61.4	59.7	58.1	56.5	54.3	52.0
97.5°	79.1	78.8	78.5	78.3	77.8	76.8	75.9	74.9	73.9	68.7	63.6
100°	95.8	95.2	94.5	94.2	92.9	90.3	87.8	85.2	82.6	77.1	71.7
102.5°	103.8	102.9	101.9	101.4	99.6	96.1	92.6	89.0	85.5	144.1	202.7
105°	107.5	106.2	104.9	104.3	102.5	99.0	95.5	91.9	88.4	176.3	264.2
107.5°	110.4	109.1	107.8	107.2	105.4	101.9	98.4	94.8	91.3	199.8	308.4
110°	111.9	110.6	109.3	108.7	124.8	157.0	189.2	221.4	253.6	346.7	439.7

TEST NUMBER: P1029632

CATALOG NUMBER: S122DIW-B675D1440UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	114.0	113.0	112.1	111.6	181.0	319.8	458.6	597.4	736.2	741.7	747.1
115°	165.2	188.4	211.6	223.2	297.8	446.9	596.0	745.1	894.2	886.1	878.1
117.5°	554.3	638.6	723.0	765.2	788.2	834.3	880.3	926.4	972.4	966.9	961.5
120°	971.0	1014.5	1058.0	1079.7	1077.8	1073.9	1070.0	1066.2	1062.3	1056.5	1050.7
122.5°	1157.3	1157.0	1156.7	1156.5	1155.5	1153.6	1151.7	1149.7	1147.8	1141.4	1134.9
125°	1237.1	1236.2	1235.2	1234.7	1233.6	1231.3	1229.1	1226.8	1224.6	1218.5	1212.3
127.5°	1310.9	1310.6	1310.3	1310.1	1308.5	1305.3	1302.0	1298.8	1295.6	1290.8	1285.9
130°	1378.8	1379.1	1379.4	1379.6	1377.8	1374.3	1370.8	1367.2	1363.7	1360.2	1356.6
132.5°	1444.0	1444.3	1444.6	1444.8	1443.4	1440.5	1437.6	1434.7	1431.8	1428.3	1424.7
135°	1507.0	1507.6	1508.3	1508.6	1507.0	1503.8	1500.5	1497.3	1494.1	1491.2	1488.3
137.5°	1565.6	1566.6	1567.5	1568.0	1566.4	1563.2	1559.9	1556.7	1553.5	1550.3	1547.1
140°	1620.5	1622.1	1623.7	1624.5	1623.1	1620.2	1617.3	1614.4	1611.5	1608.0	1604.4
142.5°	1672.7	1674.3	1675.9	1676.7	1675.4	1672.8	1670.3	1667.7	1665.1	1660.9	1656.7
145°	1720.5	1722.1	1723.7	1724.5	1723.4	1721.1	1718.9	1716.6	1714.4	1708.9	1703.5
147.5°	1763.4	1764.7	1766.0	1766.6	1765.8	1764.2	1762.5	1760.9	1759.3	1753.8	1748.4
150°	1803.1	1804.7	1806.3	1807.1	1806.1	1804.2	1802.3	1800.4	1798.5	1793.3	1788.2
152.5°	1837.7	1840.0	1842.3	1843.4	1842.4	1840.5	1838.6	1836.6	1834.7	1829.9	1825.0
155°	1868.9	1871.4	1874.0	1875.3	1874.3	1872.4	1870.5	1868.5	1866.6	1862.7	1858.9
157.5°	1897.8	1900.4	1902.9	1904.2	1903.1	1900.8	1898.6	1896.3	1894.1	1891.2	1888.3
160°	1921.8	1924.0	1926.3	1927.4	1926.4	1924.5	1922.6	1920.6	1918.7	1916.8	1914.8
162.5°	1943.4	1946.3	1949.2	1950.6	1949.5	1947.2	1945.0	1942.7	1940.5	1938.9	1937.3
165°	1962.4	1964.6	1966.9	1968.0	1966.9	1964.6	1962.4	1960.1	1957.9	1956.9	1955.9
167.5°	1976.7	1979.6	1982.5	1983.9	1982.8	1980.5	1978.3	1976.0	1973.8	1972.8	1971.9
170°	1988.3	1991.2	1994.1	1995.5	1994.4	1992.1	1989.9	1987.6	1985.4	1984.8	1984.1
172.5°	1997.0	1999.9	2002.8	2004.2	2003.1	2000.8	1998.6	1996.3	1994.1	1993.5	1992.8
175°	2001.9	2005.2	2008.4	2010.0	2008.9	2006.6	2004.4	2002.1	1999.9	1999.3	1998.6
177.5°	2004.2	2007.1	2010.0	2011.5	2010.4	2008.1	2005.8	2003.6	2001.3	2001.0	2000.7
180°	2002.8	2002.8	2002.8	2002.8	2002.8	2002.8	2002.8	2002.8	2002.8	2002.8	2002.8

TEST NUMBER: P1029632

CATALOG NUMBER: S122DIW-B675D1440UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
0°	1340.7	1340.7	1340.7	1340.7	1340.7	1340.7	1340.7	1340.7	1340.7	1340.7	1340.7
2.5°	1375.7	1370.6	1367.5	1369.6	1363.4	1347.9	1347.9	1353.1	1346.9	1340.7	1331.4
5°	1413.9	1403.6	1397.4	1396.4	1381.9	1357.2	1352.0	1346.9	1333.5	1319.1	1303.6
7.5°	1451.0	1432.4	1422.1	1414.9	1394.3	1362.3	1348.9	1337.6	1316.0	1294.3	1274.8
10°	1481.9	1455.1	1442.7	1431.4	1404.6	1364.4	1342.8	1322.2	1294.3	1266.5	1241.8
12.5°	1506.6	1475.7	1460.2	1443.8	1410.8	1358.2	1331.4	1298.5	1270.6	1233.5	1208.8
15°	1547.8	1483.9	1469.5	1454.1	1420.1	1347.9	1314.9	1277.8	1239.7	1190.2	1163.5
17.5°	1580.8	1495.3	1494.3	1461.3	1417.0	1343.8	1293.3	1244.9	1203.6	1154.2	1111.9
20°	1600.4	1512.8	1496.3	1462.3	1406.7	1316.0	1263.4	1209.8	1165.5	1105.7	1063.5
22.5°	1616.9	1537.5	1494.3	1453.0	1385.0	1306.7	1229.4	1178.9	1118.1	1053.2	1013.0
25°	1623.1	1542.7	1497.3	1449.9	1369.6	1279.9	1192.3	1137.7	1069.7	1010.9	956.3
27.5°	1624.1	1541.7	1486.0	1436.5	1347.9	1244.9	1155.2	1097.5	1022.3	954.3	899.6
30°	1613.8	1530.3	1479.8	1426.2	1327.3	1212.9	1109.9	1046.0	965.6	897.6	840.9
32.5°	1582.9	1507.6	1466.4	1407.7	1300.5	1168.6	1066.6	995.5	911.0	844.0	789.4
35°	1531.3	1479.8	1434.5	1379.9	1265.5	1127.4	1023.3	939.8	854.3	790.4	738.9
37.5°	1467.5	1439.6	1397.4	1343.8	1225.3	1090.3	974.9	882.1	796.6	734.8	684.3
40°	1380.9	1388.1	1346.9	1298.5	1177.9	1039.8	912.0	823.4	743.0	685.3	635.8
42.5°	1287.1	1317.0	1293.3	1246.9	1125.3	984.1	865.6	767.7	689.4	629.6	588.4
45°	1186.1	1237.7	1223.2	1189.2	1070.7	925.4	799.7	704.9	635.8	578.1	542.1
47.5°	1075.9	1149.0	1149.0	1124.3	1009.9	866.7	743.0	646.1	578.1	536.9	501.9
50°	963.5	1046.0	1059.4	1042.9	941.9	799.7	674.0	586.4	527.6	487.4	461.7
52.5°	846.1	941.9	966.6	958.4	869.8	735.8	617.3	531.7	478.2	443.1	420.5
55°	733.7	845.0	871.8	874.9	792.5	665.7	554.4	479.2	427.7	404.0	384.4
57.5°	627.6	734.8	764.6	769.8	714.1	601.8	495.7	429.7	383.4	363.8	348.3
60°	536.9	626.6	665.7	677.1	628.6	527.6	441.1	377.2	342.1	323.6	309.2
62.5°	462.7	534.8	576.1	579.2	557.5	462.7	384.4	330.8	300.9	284.4	277.2
65°	390.6	455.5	480.2	492.6	475.1	400.9	331.8	287.5	263.8	249.4	242.2
67.5°	332.9	374.1	394.7	411.2	393.7	338.0	282.4	246.3	228.8	214.3	210.2
70°	273.1	307.1	322.6	339.0	323.6	281.3	241.1	208.2	192.7	181.4	176.2
72.5°	218.5	245.3	259.7	270.0	260.7	225.7	192.7	170.0	158.7	150.5	147.4
75°	173.1	191.7	199.9	207.1	203.0	176.2	155.6	137.1	126.8	119.5	117.5
77.5°	131.9	145.3	154.6	156.6	151.5	134.0	116.4	105.1	96.9	92.7	90.7
80°	93.8	102.0	107.2	110.3	105.1	97.9	85.5	77.3	70.1	64.9	63.9
82.5°	62.9	67.0	71.1	70.1	68.0	61.8	54.6	50.5	47.4	43.3	43.3
85°	36.1	37.1	39.2	40.2	39.2	35.0	30.9	28.9	26.8	23.7	23.7
87.5°	15.5	16.5	16.5	17.5	15.5	15.5	13.4	11.3	11.3	10.3	9.3
90°	21.3	18.7	17.4	15.6	12.1	8.5	5.0	1.4	5.0	8.5	12.1
92.5°	31.9	30.9	30.4	31.0	32.3	33.6	34.9	36.2	34.9	33.6	32.3
95°	49.8	47.5	46.4	51.7	62.3	73.0	83.6	94.2	83.6	73.0	62.3
97.5°	58.4	53.3	50.7	63.9	90.3	116.8	143.2	169.6	143.2	116.8	90.3
100°	66.2	60.7	58.0	80.1	124.2	168.3	212.4	256.5	212.4	168.3	124.2
102.5°	261.4	320.0	349.3	349.6	350.3	350.9	351.6	352.2	351.6	350.9	350.3
105°	352.1	440.0	484.0	479.2	469.5	459.9	450.2	440.6	450.2	459.9	469.5
107.5°	416.9	525.4	579.7	575.7	567.6	559.5	551.5	543.4	551.5	559.5	567.6
110°	532.8	625.9	672.4	669.0	662.3	655.5	648.8	642.0	648.8	655.5	662.3

TEST NUMBER: P1029632

CATALOG NUMBER: S122DIW-B675D1440UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
112.5°	752.6	758.1	760.8	757.9	752.1	746.3	740.5	734.7	740.5	746.3	752.1
115°	870.0	861.9	857.9	855.2	849.7	844.2	838.8	833.3	838.8	844.2	849.7
117.5°	956.0	950.5	947.8	944.6	938.1	931.7	925.2	918.8	925.2	931.7	938.1
120°	1044.9	1039.1	1036.2	1033.8	1028.9	1024.1	1019.2	1014.4	1019.2	1024.1	1028.9
122.5°	1128.5	1122.0	1118.8	1116.2	1111.1	1105.9	1100.8	1095.6	1100.8	1105.9	1111.1
125°	1206.2	1200.1	1197.0	1194.9	1190.7	1186.6	1182.4	1178.2	1182.4	1186.6	1190.7
127.5°	1281.1	1276.2	1273.8	1271.6	1267.1	1262.6	1258.1	1253.6	1258.1	1262.6	1267.1
130°	1353.1	1349.6	1347.8	1345.2	1340.1	1334.9	1329.8	1324.6	1329.8	1334.9	1340.1
132.5°	1421.2	1417.7	1415.9	1413.8	1409.6	1405.4	1401.2	1397.0	1401.2	1405.4	1409.6
135°	1485.4	1482.5	1481.1	1478.5	1473.4	1468.2	1463.1	1457.9	1463.1	1468.2	1473.4
137.5°	1543.8	1540.6	1539.0	1537.1	1533.2	1529.4	1525.5	1521.7	1525.5	1529.4	1533.2
140°	1600.9	1597.4	1595.6	1594.3	1591.7	1589.2	1586.6	1584.0	1586.6	1589.2	1591.7
142.5°	1652.6	1648.4	1646.3	1645.2	1642.9	1640.6	1638.4	1636.1	1638.4	1640.6	1642.9
145°	1698.0	1692.5	1689.8	1690.0	1690.3	1690.6	1690.9	1691.2	1690.9	1690.6	1690.3
147.5°	1742.9	1737.4	1734.7	1735.2	1736.1	1737.1	1738.0	1739.0	1738.0	1737.1	1736.1
150°	1783.0	1777.9	1775.3	1776.4	1778.7	1780.9	1783.2	1785.4	1783.2	1780.9	1778.7
152.5°	1820.2	1815.3	1812.9	1814.2	1816.8	1819.3	1821.9	1824.5	1821.9	1819.3	1816.8
155°	1855.0	1851.1	1849.2	1850.6	1853.5	1856.4	1859.3	1862.2	1859.3	1856.4	1853.5
157.5°	1885.4	1882.5	1881.1	1882.4	1885.0	1887.5	1890.1	1892.7	1890.1	1887.5	1885.0
160°	1912.9	1911.0	1910.0	1911.0	1912.9	1914.8	1916.8	1918.7	1916.8	1914.8	1912.9
162.5°	1935.6	1934.0	1933.2	1934.2	1936.1	1938.0	1940.0	1941.9	1940.0	1938.0	1936.1
165°	1955.0	1954.0	1953.5	1954.5	1956.4	1958.3	1960.3	1962.2	1960.3	1958.3	1956.4
167.5°	1970.9	1970.0	1969.5	1970.5	1972.4	1974.3	1976.3	1978.2	1976.3	1974.3	1972.4
170°	1983.5	1982.8	1982.5	1983.5	1985.4	1987.3	1989.3	1991.2	1989.3	1987.3	1985.4
172.5°	1992.2	1991.5	1991.2	1992.2	1994.1	1996.0	1998.0	1999.9	1998.0	1996.0	1994.1
175°	1998.0	1997.3	1997.0	1998.1	2000.4	2002.6	2004.9	2007.1	2004.9	2002.6	2000.4
177.5°	2000.4	2000.1	1999.9	2001.0	2003.3	2005.5	2007.8	2010.0	2007.8	2005.5	2003.3
180°	2002.8	2002.8	2002.8	2002.8	2002.8	2002.8	2002.8	2002.8	2002.8	2002.8	2002.8

TEST NUMBER: P1029632

CATALOG NUMBER: S122DIW-B675D1440UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
0°	1340.7	1340.7	1340.7	1340.7	1340.7	1340.7	1340.7	1340.7	1340.7	1340.7	1340.7
2.5°	1326.3	1331.4	1330.4	1320.1	1308.8	1299.5	1282.0	1284.0	1277.8	1278.9	1285.1
5°	1293.3	1293.3	1289.2	1274.8	1256.2	1245.9	1226.3	1221.2	1208.8	1207.8	1206.7
7.5°	1258.3	1253.1	1248.0	1227.3	1204.7	1188.2	1161.4	1155.2	1142.8	1134.6	1130.5
10°	1217.0	1209.8	1199.5	1175.8	1148.0	1127.4	1099.6	1091.3	1067.6	1057.3	1051.1
12.5°	1171.7	1167.6	1151.1	1131.5	1086.2	1063.5	1023.3	1031.5	1007.8	987.2	984.1
15°	1126.4	1110.9	1101.6	1069.7	1015.1	1004.8	972.8	956.3	934.7	918.2	918.2
17.5°	1082.0	1058.3	1037.7	1003.7	963.5	934.7	911.0	902.7	875.9	859.5	856.4
20°	1023.3	996.5	991.4	942.9	915.1	883.2	860.5	839.9	820.3	813.1	807.9
22.5°	967.7	936.7	928.5	887.3	859.5	827.5	804.8	790.4	776.0	770.8	761.6
25°	907.9	889.3	877.0	832.7	801.7	771.9	756.4	746.1	732.7	731.7	725.5
27.5°	850.2	832.7	820.3	778.0	755.4	727.5	715.2	703.8	696.6	693.5	690.4
30°	800.7	781.1	766.7	735.8	708.0	685.3	675.0	667.8	663.7	658.5	657.5
32.5°	746.1	734.8	715.2	691.5	669.8	648.2	642.0	636.9	630.7	628.6	627.6
35°	699.7	684.3	671.9	645.1	635.8	617.3	610.1	605.9	597.7	595.6	593.6
37.5°	654.4	640.0	626.6	610.1	592.5	582.2	578.1	571.9	567.8	568.8	566.8
40°	609.0	597.7	587.4	569.9	559.6	554.4	546.2	540.0	537.9	539.0	537.9
42.5°	564.7	554.4	548.2	534.8	524.5	519.4	514.2	508.0	511.1	511.1	514.2
45°	524.5	515.3	511.1	500.8	494.6	486.4	481.3	480.2	484.3	483.3	483.3
47.5°	483.3	480.2	475.1	465.8	457.5	452.4	451.4	451.4	455.5	457.5	456.5
50°	451.4	445.2	439.0	431.8	425.6	423.5	420.5	422.5	426.6	426.6	428.7
52.5°	411.2	407.1	405.0	398.8	394.7	394.7	394.7	395.7	398.8	401.9	400.9
55°	376.1	373.0	371.0	367.9	362.7	363.8	362.7	364.8	367.9	371.0	373.0
57.5°	339.0	338.0	335.9	330.8	330.8	329.8	332.9	333.9	339.0	341.1	344.2
60°	306.1	303.0	303.0	298.9	298.9	298.9	301.9	305.0	309.2	310.2	312.2
62.5°	271.0	271.0	270.0	266.9	266.9	270.0	271.0	275.1	277.2	277.2	280.3
65°	238.0	237.0	236.0	237.0	238.0	238.0	241.1	243.2	245.3	246.3	247.3
67.5°	205.1	204.0	206.1	205.1	207.1	211.3	210.2	213.3	216.4	216.4	217.4
70°	174.2	176.2	175.2	177.2	176.2	178.3	181.4	182.4	182.4	183.4	186.5
72.5°	145.3	145.3	145.3	144.3	145.3	147.4	149.4	150.5	152.5	153.5	156.6
75°	117.5	117.5	115.4	117.5	117.5	119.5	121.6	121.6	121.6	123.7	126.8
77.5°	88.6	89.7	88.6	90.7	90.7	91.7	93.8	92.7	94.8	95.8	96.9
80°	64.9	63.9	63.9	63.9	64.9	64.9	67.0	68.0	68.0	71.1	69.0
82.5°	41.2	42.3	41.2	42.3	42.3	43.3	42.3	43.3	44.3	46.4	45.3
85°	23.7	22.7	22.7	23.7	22.7	22.7	23.7	22.7	23.7	22.7	23.7
87.5°	9.3	8.2	8.2	8.2	8.2	7.2	7.2	6.2	6.2	6.2	5.2
90°	15.6	17.4	18.7	21.3	23.8	26.4	29.0	30.6	32.2	33.8	35.4
92.5°	31.0	30.4	30.9	31.9	32.8	33.8	34.8	35.4	36.1	36.7	37.4
95°	51.7	46.4	47.5	49.8	52.0	54.3	56.5	58.1	59.7	61.4	63.0
97.5°	63.9	50.7	53.3	58.4	63.6	68.7	73.9	74.9	75.9	76.8	77.8
100°	80.1	58.0	60.7	66.2	71.7	77.1	82.6	85.2	87.8	90.3	92.9
102.5°	349.6	349.3	320.0	261.4	202.7	144.1	85.5	89.0	92.6	96.1	99.6
105°	479.2	484.0	440.0	352.1	264.2	176.3	88.4	91.9	95.5	99.0	102.5
107.5°	575.7	579.7	525.4	416.9	308.4	199.8	91.3	94.8	98.4	101.9	105.4
110°	669.0	672.4	625.9	532.8	439.7	346.7	253.6	221.4	189.2	157.0	124.8

TEST NUMBER: P1029632

CATALOG NUMBER: S122DIW-B675D1440UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
112.5°	757.9	760.8	758.1	752.6	747.1	741.7	736.2	597.4	458.6	319.8	181.0
115°	855.2	857.9	861.9	870.0	878.1	886.1	894.2	745.1	596.0	446.9	297.8
117.5°	944.6	947.8	950.5	956.0	961.5	966.9	972.4	926.4	880.3	834.3	788.2
120°	1033.8	1036.2	1039.1	1044.9	1050.7	1056.5	1062.3	1066.2	1070.0	1073.9	1077.8
122.5°	1116.2	1118.8	1122.0	1128.5	1134.9	1141.4	1147.8	1149.7	1151.7	1153.6	1155.5
125°	1194.9	1197.0	1200.1	1206.2	1212.3	1218.5	1224.6	1226.8	1229.1	1231.3	1233.6
127.5°	1271.6	1273.8	1276.2	1281.1	1285.9	1290.8	1295.6	1298.8	1302.0	1305.3	1308.5
130°	1345.2	1347.8	1349.6	1353.1	1356.6	1360.2	1363.7	1367.2	1370.8	1374.3	1377.8
132.5°	1413.8	1415.9	1417.7	1421.2	1424.7	1428.3	1431.8	1434.7	1437.6	1440.5	1443.4
135°	1478.5	1481.1	1482.5	1485.4	1488.3	1491.2	1494.1	1497.3	1500.5	1503.8	1507.0
137.5°	1537.1	1539.0	1540.6	1543.8	1547.1	1550.3	1553.5	1556.7	1559.9	1563.2	1566.4
140°	1594.3	1595.6	1597.4	1600.9	1604.4	1608.0	1611.5	1614.4	1617.3	1620.2	1623.1
142.5°	1645.2	1646.3	1648.4	1652.6	1656.7	1660.9	1665.1	1667.7	1670.3	1672.8	1675.4
145°	1690.0	1689.8	1692.5	1698.0	1703.5	1708.9	1714.4	1716.6	1718.9	1721.1	1723.4
147.5°	1735.2	1734.7	1737.4	1742.9	1748.4	1753.8	1759.3	1760.9	1762.5	1764.2	1765.8
150°	1776.4	1775.3	1777.9	1783.0	1788.2	1793.3	1798.5	1800.4	1802.3	1804.2	1806.1
152.5°	1814.2	1812.9	1815.3	1820.2	1825.0	1829.9	1834.7	1836.6	1838.6	1840.5	1842.4
155°	1850.6	1849.2	1851.1	1855.0	1858.9	1862.7	1866.6	1868.5	1870.5	1872.4	1874.3
157.5°	1882.4	1881.1	1882.5	1885.4	1888.3	1891.2	1894.1	1896.3	1898.6	1900.8	1903.1
160°	1911.0	1910.0	1911.0	1912.9	1914.8	1916.8	1918.7	1920.6	1922.6	1924.5	1926.4
162.5°	1934.2	1933.2	1934.0	1935.6	1937.3	1938.9	1940.5	1942.7	1945.0	1947.2	1949.5
165°	1954.5	1953.5	1954.0	1955.0	1955.9	1956.9	1957.9	1960.1	1962.4	1964.6	1966.9
167.5°	1970.5	1969.5	1970.0	1970.9	1971.9	1972.8	1973.8	1976.0	1978.3	1980.5	1982.8
170°	1983.5	1982.5	1982.8	1983.5	1984.1	1984.8	1985.4	1987.6	1989.9	1992.1	1994.4
172.5°	1992.2	1991.2	1991.5	1992.2	1992.8	1993.5	1994.1	1996.3	1998.6	2000.8	2003.1
175°	1998.1	1997.0	1997.3	1998.0	1998.6	1999.3	1999.9	2002.1	2004.4	2006.6	2008.9
177.5°	2001.0	1999.9	2000.1	2000.4	2000.7	2001.0	2001.3	2003.6	2005.8	2008.1	2010.4
180°	2002.8	2002.8	2002.8	2002.8	2002.8	2002.8	2002.8	2002.8	2002.8	2002.8	2002.8

TEST NUMBER: P1029632

CATALOG NUMBER: S122DIW-B675D1440UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
0°	1340.7	1340.7	1340.7	1340.7	1340.7	1340.7	1340.7	1340.7	1340.7	1340.7	1340.7
2.5°	1277.8	1280.9	1273.7	1271.7	1273.7	1266.5	1268.6	1270.6	1270.6	1273.7	1275.8
5°	1203.6	1199.5	1192.3	1190.2	1188.2	1191.3	1189.2	1192.3	1193.3	1200.6	1201.6
7.5°	1130.5	1124.3	1118.1	1111.9	1109.9	1104.7	1109.9	1109.9	1117.1	1115.0	1120.2
10°	1043.9	1042.9	1034.6	1031.5	1027.4	1019.2	1030.5	1027.4	1032.6	1041.9	1043.9
12.5°	980.0	968.7	973.8	959.4	964.6	956.3	957.4	957.4	965.6	966.6	964.6
15°	919.2	909.9	896.6	890.4	887.3	883.2	896.6	897.6	891.4	905.8	900.7
17.5°	857.4	857.4	845.0	841.9	833.7	837.8	835.7	836.8	834.7	845.0	850.2
20°	803.8	798.7	794.5	795.6	785.3	783.2	781.1	783.2	790.4	797.6	799.7
22.5°	760.5	757.4	747.1	749.2	740.9	744.0	742.0	747.1	748.2	748.2	755.4
25°	719.3	715.2	716.2	712.1	709.0	709.0	705.9	709.0	713.1	715.2	716.2
27.5°	688.4	685.3	680.1	677.1	679.1	674.0	678.1	681.2	681.2	679.1	681.2
30°	651.3	653.3	653.3	643.0	647.2	645.1	648.2	650.3	650.3	651.3	649.2
32.5°	626.6	620.4	619.3	618.3	618.3	614.2	614.2	617.3	618.3	619.3	622.4
35°	593.6	593.6	588.4	591.5	587.4	588.4	587.4	588.4	590.5	587.4	590.5
37.5°	563.7	564.7	562.7	564.7	565.8	563.7	561.6	565.8	563.7	563.7	561.6
40°	537.9	536.9	537.9	537.9	537.9	539.0	536.9	536.9	536.9	534.8	532.8
42.5°	516.3	510.1	512.2	513.2	510.1	510.1	511.1	510.1	513.2	507.0	507.0
45°	485.4	483.3	484.3	484.3	486.4	483.3	485.4	486.4	483.3	482.3	480.2
47.5°	457.5	459.6	457.5	459.6	459.6	461.7	457.5	458.6	459.6	455.5	452.4
50°	429.7	429.7	432.8	431.8	432.8	430.8	430.8	429.7	430.8	428.7	425.6
52.5°	404.0	400.9	406.0	405.0	404.0	402.9	401.9	402.9	400.9	398.8	398.8
55°	372.0	372.0	375.1	376.1	376.1	374.1	372.0	373.0	372.0	371.0	370.0
57.5°	346.3	342.1	344.2	345.2	345.2	342.1	344.2	342.1	342.1	343.2	340.1
60°	313.3	313.3	311.2	314.3	314.3	312.2	312.2	313.3	311.2	310.2	309.2
62.5°	278.2	279.3	282.4	283.4	284.4	282.4	280.3	281.3	281.3	278.2	279.3
65°	248.4	250.4	254.5	253.5	251.4	252.5	250.4	251.4	248.4	249.4	246.3
67.5°	219.5	218.5	219.5	219.5	221.6	220.5	218.5	218.5	217.4	220.5	217.4
70°	188.6	188.6	188.6	188.6	189.6	190.6	188.6	186.5	187.6	185.5	184.5
72.5°	156.6	157.7	156.6	158.7	155.6	157.7	157.7	156.6	155.6	155.6	155.6
75°	126.8	128.8	125.7	126.8	125.7	127.8	126.8	126.8	124.7	123.7	124.7
77.5°	96.9	97.9	95.8	96.9	95.8	96.9	96.9	95.8	95.8	95.8	95.8
80°	69.0	70.1	69.0	68.0	67.0	69.0	67.0	68.0	69.0	68.0	70.1
82.5°	44.3	44.3	43.3	44.3	42.3	42.3	43.3	43.3	42.3	44.3	42.3
85°	21.6	21.6	23.7	21.6	20.6	20.6	20.6	21.6	20.6	22.7	21.6
87.5°	5.2	4.1	5.2	5.2	4.1	4.1	5.2	4.1	5.2	6.2	4.1
90°	36.2	36.5	37.2	37.8	38.5	39.1	38.5	37.8	37.2	36.5	36.2
92.5°	37.7	37.9	38.2	38.5	38.8	39.1	38.8	38.5	38.2	37.9	37.7
95°	63.8	63.6	63.3	63.0	62.6	62.3	62.6	63.0	63.3	63.6	63.8
97.5°	78.3	78.5	78.8	79.1	79.4	79.7	79.4	79.1	78.8	78.5	78.3
100°	94.2	94.5	95.2	95.8	96.5	97.1	96.5	95.8	95.2	94.5	94.2
102.5°	101.4	101.9	102.9	103.8	104.8	105.8	104.8	103.8	102.9	101.9	101.4
105°	104.3	104.9	106.2	107.5	108.8	110.1	108.8	107.5	106.2	104.9	104.3
107.5°	107.2	107.8	109.1	110.4	111.7	113.0	111.7	110.4	109.1	107.8	107.2
110°	108.7	109.3	110.6	111.9	113.2	114.5	113.2	111.9	110.6	109.3	108.7

TEST NUMBER: P1029632

CATALOG NUMBER: S122DIW-B675D1440UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
112.5°	111.6	112.1	113.0	114.0	114.9	115.9	114.9	114.0	113.0	112.1	111.6
115°	223.2	211.6	188.4	165.2	142.0	118.8	142.0	165.2	188.4	211.6	223.2
117.5°	765.2	723.0	638.6	554.3	469.9	385.5	469.9	554.3	638.6	723.0	765.2
120°	1079.7	1058.0	1014.5	971.0	927.5	884.0	927.5	971.0	1014.5	1058.0	1079.7
122.5°	1156.5	1156.7	1157.0	1157.3	1157.6	1157.9	1157.6	1157.3	1157.0	1156.7	1156.5
125°	1234.7	1235.2	1236.2	1237.1	1238.1	1239.1	1238.1	1237.1	1236.2	1235.2	1234.7
127.5°	1310.1	1310.3	1310.6	1310.9	1311.2	1311.5	1311.2	1310.9	1310.6	1310.3	1310.1
130°	1379.6	1379.4	1379.1	1378.8	1378.5	1378.2	1378.5	1378.8	1379.1	1379.4	1379.6
132.5°	1444.8	1444.6	1444.3	1444.0	1443.7	1443.4	1443.7	1444.0	1444.3	1444.6	1444.8
135°	1508.6	1508.3	1507.6	1507.0	1506.3	1505.7	1506.3	1507.0	1507.6	1508.3	1508.6
137.5°	1568.0	1567.5	1566.6	1565.6	1564.7	1563.7	1564.7	1565.6	1566.6	1567.5	1568.0
140°	1624.5	1623.7	1622.1	1620.5	1618.9	1617.3	1618.9	1620.5	1622.1	1623.7	1624.5
142.5°	1676.7	1675.9	1674.3	1672.7	1671.1	1669.5	1671.1	1672.7	1674.3	1675.9	1676.7
145°	1724.5	1723.7	1722.1	1720.5	1718.9	1717.3	1718.9	1720.5	1722.1	1723.7	1724.5
147.5°	1766.6	1766.0	1764.7	1763.4	1762.1	1760.8	1762.1	1763.4	1764.7	1766.0	1766.6
150°	1807.1	1806.3	1804.7	1803.1	1801.5	1799.9	1801.5	1803.1	1804.7	1806.3	1807.1
152.5°	1843.4	1842.3	1840.0	1837.7	1835.5	1833.2	1835.5	1837.7	1840.0	1842.3	1843.4
155°	1875.3	1874.0	1871.4	1868.9	1866.3	1863.7	1866.3	1868.9	1871.4	1874.0	1875.3
157.5°	1904.2	1902.9	1900.4	1897.8	1895.3	1892.7	1895.3	1897.8	1900.4	1902.9	1904.2
160°	1927.4	1926.3	1924.0	1921.8	1919.5	1917.3	1919.5	1921.8	1924.0	1926.3	1927.4
162.5°	1950.6	1949.2	1946.3	1943.4	1940.5	1937.6	1940.5	1943.4	1946.3	1949.2	1950.6
165°	1968.0	1966.9	1964.6	1962.4	1960.1	1957.9	1960.1	1962.4	1964.6	1966.9	1968.0
167.5°	1983.9	1982.5	1979.6	1976.7	1973.8	1970.9	1973.8	1976.7	1979.6	1982.5	1983.9
170°	1995.5	1994.1	1991.2	1988.3	1985.4	1982.5	1985.4	1988.3	1991.2	1994.1	1995.5
172.5°	2004.2	2002.8	1999.9	1997.0	1994.1	1991.2	1994.1	1997.0	1999.9	2002.8	2004.2
175°	2010.0	2008.4	2005.2	2001.9	1998.7	1995.5	1998.7	2001.9	2005.2	2008.4	2010.0
177.5°	2011.5	2010.0	2007.1	2004.2	2001.3	1998.4	2001.3	2004.2	2007.1	2010.0	2011.5
180°	2002.8	2002.8	2002.8	2002.8	2002.8	2002.8	2002.8	2002.8	2002.8	2002.8	2002.8

TEST NUMBER: P1029632

CATALOG NUMBER: S122DIW-B675D1440UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
0°	1340.7	1340.7	1340.7	1340.7	1340.7	1340.7	1340.7	1340.7	1340.7	1340.7	1340.7
2.5°	1272.7	1280.9	1277.8	1266.5	1279.9	1279.9	1289.2	1289.2	1300.5	1304.6	1310.8
5°	1200.6	1206.7	1211.9	1206.7	1216.0	1230.4	1238.7	1245.9	1261.4	1267.5	1276.8
7.5°	1123.3	1134.6	1139.8	1139.8	1155.2	1171.7	1188.2	1198.5	1220.1	1228.4	1237.7
10°	1048.0	1061.4	1071.7	1070.7	1096.5	1106.8	1127.4	1151.1	1172.7	1185.1	1198.5
12.5°	968.7	975.9	990.3	1010.9	1017.1	1035.7	1059.4	1089.3	1128.4	1139.8	1159.3
15°	902.7	922.3	933.6	942.9	957.4	974.9	1000.6	1029.5	1068.6	1093.4	1114.0
17.5°	847.1	872.8	880.1	878.0	896.6	923.3	953.2	974.9	1009.9	1039.8	1059.4
20°	801.7	812.0	824.4	829.6	844.0	872.8	901.7	926.4	955.3	979.0	1001.7
22.5°	756.4	764.6	774.9	784.2	795.6	812.0	839.9	870.8	898.6	921.3	947.0
25°	719.3	724.5	733.7	740.9	753.3	764.6	784.2	818.2	851.2	864.6	887.3
27.5°	683.2	687.4	693.5	701.8	708.0	719.3	736.8	764.6	798.7	812.0	843.0
30°	651.3	654.4	660.6	664.7	667.8	681.2	694.6	716.2	742.0	760.5	783.2
32.5°	621.4	624.5	630.7	631.7	635.8	643.0	655.4	675.0	697.7	713.1	732.7
35°	588.4	590.5	596.7	598.7	601.8	608.0	617.3	631.7	652.3	663.7	681.2
37.5°	562.7	561.6	565.8	568.8	573.0	576.1	579.2	593.6	609.0	619.3	632.7
40°	534.8	532.8	533.8	537.9	540.0	544.1	544.1	558.5	568.8	577.1	587.4
42.5°	507.0	506.0	503.9	506.0	508.0	509.1	510.1	520.4	530.7	537.9	549.3
45°	479.2	478.2	476.1	477.1	477.1	479.2	482.3	486.4	493.6	499.8	506.0
47.5°	453.4	451.4	448.3	447.2	449.3	449.3	449.3	453.4	460.6	462.7	468.9
50°	426.6	423.5	419.4	417.4	417.4	416.3	418.4	419.4	425.6	427.7	432.8
52.5°	397.8	395.7	391.6	387.5	388.5	386.4	387.5	388.5	390.6	393.7	396.7
55°	368.9	364.8	361.7	360.7	357.6	357.6	354.5	358.6	357.6	358.6	362.7
57.5°	341.1	337.0	331.8	329.8	326.7	325.6	323.6	322.6	323.6	326.7	329.8
60°	308.1	306.1	303.0	299.9	297.8	294.7	292.7	292.7	291.6	291.6	292.7
62.5°	276.2	275.1	271.0	270.0	267.9	265.9	262.8	260.7	260.7	262.8	263.8
65°	245.3	244.2	241.1	240.1	235.0	232.9	231.9	230.8	228.8	228.8	228.8
67.5°	216.4	213.3	213.3	208.2	204.0	202.0	199.9	198.9	198.9	198.9	199.9
70°	184.5	184.5	181.4	178.3	174.2	175.2	172.1	169.0	169.0	166.9	168.0
72.5°	153.5	152.5	149.4	148.4	145.3	142.2	140.2	142.2	139.1	138.1	139.1
75°	123.7	122.6	120.6	118.5	119.5	116.4	113.4	112.3	112.3	110.3	110.3
77.5°	94.8	96.9	92.7	91.7	89.7	87.6	86.6	85.5	85.5	85.5	87.6
80°	66.0	67.0	67.0	64.9	66.0	62.9	62.9	62.9	59.8	60.8	61.8
82.5°	42.3	42.3	41.2	42.3	41.2	41.2	40.2	40.2	39.2	39.2	40.2
85°	23.7	22.7	21.6	23.7	22.7	22.7	21.6	21.6	21.6	21.6	21.6
87.5°	5.2	6.2	6.2	6.2	6.2	7.2	7.2	7.2	8.2	8.2	8.2
90°	35.4	33.8	32.2	30.6	29.0	26.4	23.8	21.3	18.7	17.4	15.6
92.5°	37.4	36.7	36.1	35.4	34.8	33.8	32.8	31.9	30.9	30.4	31.0
95°	63.0	61.4	59.7	58.1	56.5	54.3	52.0	49.8	47.5	46.4	51.7
97.5°	77.8	76.8	75.9	74.9	73.9	68.7	63.6	58.4	53.3	50.7	63.9
100°	92.9	90.3	87.8	85.2	82.6	77.1	71.7	66.2	60.7	58.0	80.1
102.5°	99.6	96.1	92.6	89.0	85.5	144.1	202.7	261.4	320.0	349.3	349.6
105°	102.5	99.0	95.5	91.9	88.4	176.3	264.2	352.1	440.0	484.0	479.2
107.5°	105.4	101.9	98.4	94.8	91.3	199.8	308.4	416.9	525.4	579.7	575.7
110°	124.8	157.0	189.2	221.4	253.6	346.7	439.7	532.8	625.9	672.4	669.0

TEST NUMBER: P1029632

CATALOG NUMBER: S122DIW-B675D1440UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
112.5°	181.0	319.8	458.6	597.4	736.2	741.7	747.1	752.6	758.1	760.8	757.9
115°	297.8	446.9	596.0	745.1	894.2	886.1	878.1	870.0	861.9	857.9	855.2
117.5°	788.2	834.3	880.3	926.4	972.4	966.9	961.5	956.0	950.5	947.8	944.6
120°	1077.8	1073.9	1070.0	1066.2	1062.3	1056.5	1050.7	1044.9	1039.1	1036.2	1033.8
122.5°	1155.5	1153.6	1151.7	1149.7	1147.8	1141.4	1134.9	1128.5	1122.0	1118.8	1116.2
125°	1233.6	1231.3	1229.1	1226.8	1224.6	1218.5	1212.3	1206.2	1200.1	1197.0	1194.9
127.5°	1308.5	1305.3	1302.0	1298.8	1295.6	1290.8	1285.9	1281.1	1276.2	1273.8	1271.6
130°	1377.8	1374.3	1370.8	1367.2	1363.7	1360.2	1356.6	1353.1	1349.6	1347.8	1345.2
132.5°	1443.4	1440.5	1437.6	1434.7	1431.8	1428.3	1424.7	1421.2	1417.7	1415.9	1413.8
135°	1507.0	1503.8	1500.5	1497.3	1494.1	1491.2	1488.3	1485.4	1482.5	1481.1	1478.5
137.5°	1566.4	1563.2	1559.9	1556.7	1553.5	1550.3	1547.1	1543.8	1540.6	1539.0	1537.1
140°	1623.1	1620.2	1617.3	1614.4	1611.5	1608.0	1604.4	1600.9	1597.4	1595.6	1594.3
142.5°	1675.4	1672.8	1670.3	1667.7	1665.1	1660.9	1656.7	1652.6	1648.4	1646.3	1645.2
145°	1723.4	1721.1	1718.9	1716.6	1714.4	1708.9	1703.5	1698.0	1692.5	1689.8	1690.0
147.5°	1765.8	1764.2	1762.5	1760.9	1759.3	1753.8	1748.4	1742.9	1737.4	1734.7	1735.2
150°	1806.1	1804.2	1802.3	1800.4	1798.5	1793.3	1788.2	1783.0	1777.9	1775.3	1776.4
152.5°	1842.4	1840.5	1838.6	1836.6	1834.7	1829.9	1825.0	1820.2	1815.3	1812.9	1814.2
155°	1874.3	1872.4	1870.5	1868.5	1866.6	1862.7	1858.9	1855.0	1851.1	1849.2	1850.6
157.5°	1903.1	1900.8	1898.6	1896.3	1894.1	1891.2	1888.3	1885.4	1882.5	1881.1	1882.4
160°	1926.4	1924.5	1922.6	1920.6	1918.7	1916.8	1914.8	1912.9	1911.0	1910.0	1911.0
162.5°	1949.5	1947.2	1945.0	1942.7	1940.5	1938.9	1937.3	1935.6	1934.0	1933.2	1934.2
165°	1966.9	1964.6	1962.4	1960.1	1957.9	1956.9	1955.9	1955.0	1954.0	1953.5	1954.5
167.5°	1982.8	1980.5	1978.3	1976.0	1973.8	1972.8	1971.9	1970.9	1970.0	1969.5	1970.5
170°	1994.4	1992.1	1989.9	1987.6	1985.4	1984.8	1984.1	1983.5	1982.8	1982.5	1983.5
172.5°	2003.1	2000.8	1998.6	1996.3	1994.1	1993.5	1992.8	1992.2	1991.5	1991.2	1992.2
175°	2008.9	2006.6	2004.4	2002.1	1999.9	1999.3	1998.6	1998.0	1997.3	1997.0	1998.1
177.5°	2010.4	2008.1	2005.8	2003.6	2001.3	2001.0	2000.7	2000.4	2000.1	1999.9	2001.0
180°	2002.8	2002.8	2002.8	2002.8	2002.8	2002.8	2002.8	2002.8	2002.8	2002.8	2002.8

TEST NUMBER: P1029632

CATALOG NUMBER: S122DIW-B675D1440UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
0°	1340.7	1340.7	1340.7	1340.7
2.5°	1316.0	1316.0	1331.4	1347.9
5°	1287.1	1294.3	1319.1	1341.7
7.5°	1259.3	1271.7	1302.6	1331.4
10°	1225.3	1241.8	1279.9	1313.9
12.5°	1192.3	1207.8	1252.1	1290.2
15°	1145.9	1165.5	1212.9	1260.3
17.5°	1099.6	1119.1	1176.9	1232.5
20°	1044.9	1070.7	1135.6	1209.8
22.5°	994.4	1026.4	1098.5	1158.3
25°	938.8	988.3	1055.3	1132.5
27.5°	889.3	938.8	1006.8	1085.1
30°	833.7	884.2	954.3	1026.4
32.5°	780.1	826.5	894.5	983.1
35°	724.5	768.8	834.7	924.4
37.5°	674.0	717.2	789.4	871.8
40°	624.5	669.8	731.7	814.1
42.5°	578.1	618.3	674.0	756.4
45°	535.9	564.7	616.2	693.5
47.5°	491.6	517.3	564.7	642.0
50°	450.3	472.0	513.2	585.3
52.5°	410.1	428.7	466.8	524.5
55°	374.1	391.6	419.4	476.1
57.5°	337.0	350.4	377.2	422.5
60°	300.9	313.3	334.9	372.0
62.5°	264.8	275.1	295.8	325.6
65°	232.9	241.1	256.6	282.4
67.5°	202.0	207.1	219.5	240.1
70°	172.1	176.2	186.5	203.0
72.5°	140.2	144.3	155.6	166.9
75°	113.4	114.4	122.6	131.9
77.5°	88.6	87.6	93.8	101.0
80°	60.8	63.9	69.0	72.1
82.5°	41.2	42.3	44.3	46.4
85°	22.7	23.7	23.7	26.8
87.5°	9.3	10.3	10.3	11.3
90°	12.1	8.5	5.0	1.4
92.5°	32.3	33.6	34.9	36.2
95°	62.3	73.0	83.6	94.2
97.5°	90.3	116.8	143.2	169.6
100°	124.2	168.3	212.4	256.5
102.5°	350.3	350.9	351.6	352.2
105°	469.5	459.9	450.2	440.6
107.5°	567.6	559.5	551.5	543.4
110°	662.3	655.5	648.8	642.0

TEST NUMBER: P1029632

CATALOG NUMBER: S122DIW-B675D1440UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
112.5°	752.1	746.3	740.5	734.7
115°	849.7	844.2	838.8	833.3
117.5°	938.1	931.7	925.2	918.8
120°	1028.9	1024.1	1019.2	1014.4
122.5°	1111.1	1105.9	1100.8	1095.6
125°	1190.7	1186.6	1182.4	1178.2
127.5°	1267.1	1262.6	1258.1	1253.6
130°	1340.1	1334.9	1329.8	1324.6
132.5°	1409.6	1405.4	1401.2	1397.0
135°	1473.4	1468.2	1463.1	1457.9
137.5°	1533.2	1529.4	1525.5	1521.7
140°	1591.7	1589.2	1586.6	1584.0
142.5°	1642.9	1640.6	1638.4	1636.1
145°	1690.3	1690.6	1690.9	1691.2
147.5°	1736.1	1737.1	1738.0	1739.0
150°	1778.7	1780.9	1783.2	1785.4
152.5°	1816.8	1819.3	1821.9	1824.5
155°	1853.5	1856.4	1859.3	1862.2
157.5°	1885.0	1887.5	1890.1	1892.7
160°	1912.9	1914.8	1916.8	1918.7
162.5°	1936.1	1938.0	1940.0	1941.9
165°	1956.4	1958.3	1960.3	1962.2
167.5°	1972.4	1974.3	1976.3	1978.2
170°	1985.4	1987.3	1989.3	1991.2
172.5°	1994.1	1996.0	1998.0	1999.9
175°	2000.4	2002.6	2004.9	2007.1
177.5°	2003.3	2005.5	2007.8	2010.0
180°	2002.8	2002.8	2002.8	2002.8

(END OF REPORT)