

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: P1029634

Luminaire Tested: S122DIW-B675D1440UB2750-4F0-XX-W2A-A_5000K

Issue Date: 5/6/2025

Test Information

Test Method: LM-79-2019
Report Number: P1029634
REPORT IS A COMBINATION OF REPORTS P986481 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_5000K
Description: Define 2 Direct/Indirect Wall Mount with 5000K BioUP LEDs {m-DER=1.015} {m-EER=1.115}
Light Source: -
Ballast/Driver: -

Summary

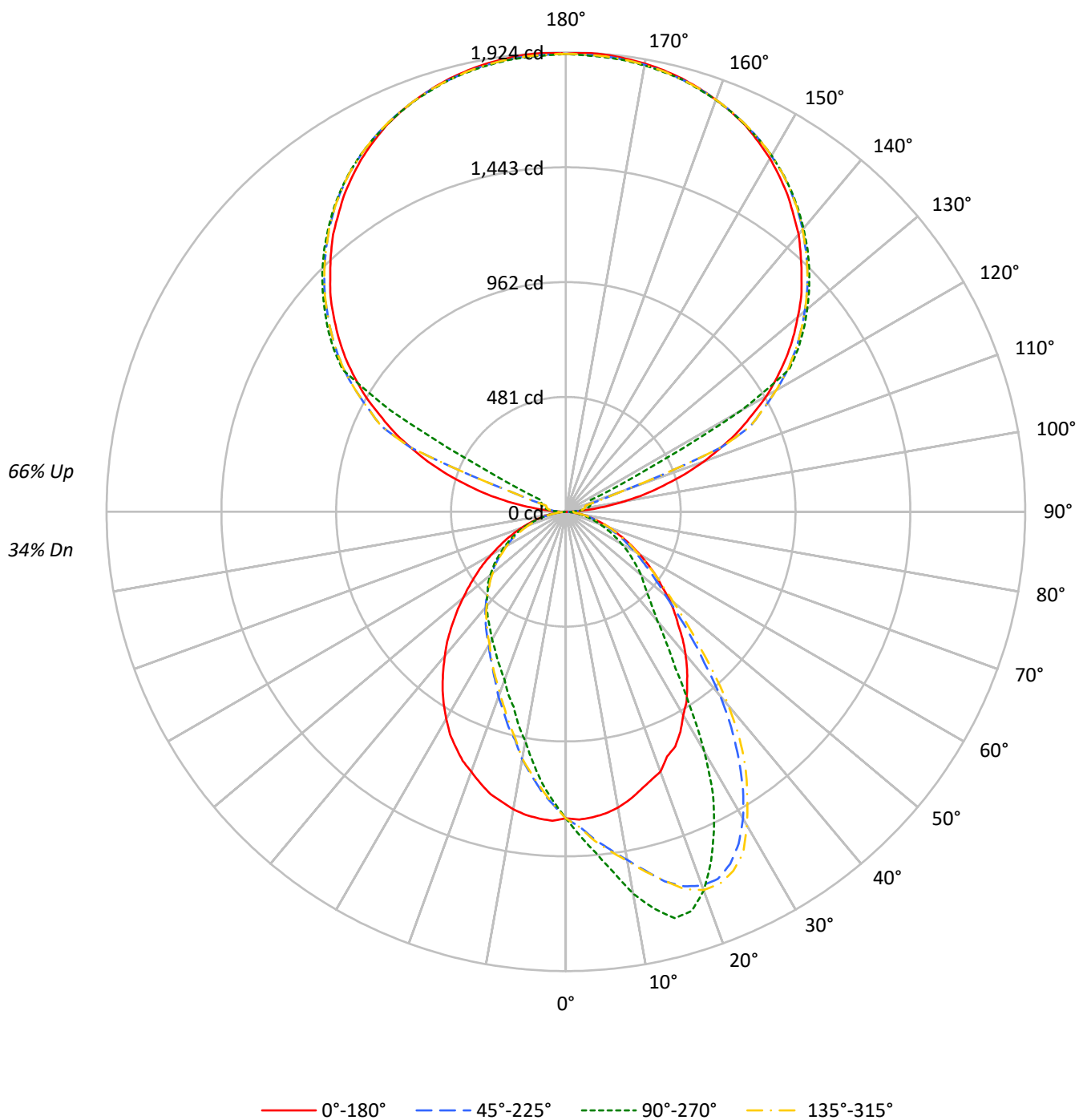
Lumens per Lamp: N/A
Luminaire Lumens: 8457.0 lumens
Efficiency: N/A
Efficacy: 96.0 lumens/watt
Spacing Criteria (0/90/45): 1.16 / 1.09 / 1.23
Luminous Opening: Rectangular w/ Sides (W: 0.17' x L: 4' x H: 0.1')
CIE Type: Semi-Indirect

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

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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
RCR																	
0	103	103	103	103	93	93	93	93	74	74	74	57	57	57	41	41	41
1	94	90	87	83	85	82	79	76	65	63	61	50	49	48	37	36	35
2	86	79	73	69	78	72	67	63	58	54	51	45	42	40	33	31	30
3	79	70	63	57	71	63	57	53	51	47	43	40	37	35	29	27	26
4	72	62	54	49	65	56	50	45	46	41	37	36	32	30	26	24	23
5	66	55	48	42	60	50	44	39	41	36	32	32	29	26	24	22	20
6	61	50	42	36	55	45	38	34	37	32	28	29	26	23	22	19	18
7	56	45	37	32	51	41	34	29	33	28	25	26	23	20	20	18	16
8	52	41	33	28	47	37	31	26	30	26	22	24	21	18	18	16	14
9	49	37	30	25	44	34	28	23	28	23	20	22	19	16	17	15	13
10	46	34	27	22	41	31	25	21	26	21	18	21	17	15	16	13	12

AVERAGE LUMINANCE (cd/sqm):

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

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 157.5°

Vertical Angle: 45°

Luminance: 21003 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	122.3	1.4
10°-20°	355.8	4.2
20°-30°	516.4	6.1
30°-40°	544.4	6.4
40°-50°	481.8	5.7
50°-60°	384.7	4.5
60°-70°	261.3	3.1
70°-80°	133.7	1.6
80°-90°	35.0	0.4
90°-100°	63.3	0.7
100°-110°	235.7	2.8
110°-120°	625.2	7.4
120°-130°	1036.8	12.3
130°-140°	1101.4	13.0
140°-150°	1023.6	12.1
150°-160°	822.9	9.7
160°-170°	530.3	6.3
170°-180°	182.5	2.2
0°-30°	994.6	11.8
0°-40°	1539.0	18.2
0°-60°	2405.4	28.4
0°-90°	2835.4	33.5
90°-120°	924.1	10.9
90°-150°	4085.9	48.3
90°-180°	5622.0	66.5
0°-180°	8457.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1284	1284	1284	1284	1284	
5°	1285	1434	1290	1140	1285	122
15°	1207	1762	1223	846	1207	341
25°	1084	1468	1089	679	1084	496
35°	885	799	900	563	885	554
45°	664	482	675	463	664	515
55°	456	338	459	358	456	407
65°	270	208	275	242	270	269
75°	126	103	131	122	126	136
85°	26	27	28	20	26	30
90°	1	38	1	38	1	7
95°	90	60	90	60	90	107
105°	422	106	422	106	422	451
115°	798	114	798	114	798	785
125°	1128	1186	1128	1186	1128	1006
135°	1396	1442	1396	1442	1396	1078
145°	1619	1644	1619	1644	1619	1013
155°	1783	1784	1783	1784	1783	822
165°	1879	1875	1879	1875	1879	531
175°	1922	1911	1922	1911	1922	183
180°	1918	1918	1918	1918	1918	

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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	1283.6	1283.6	1283.6	1283.6	1283.6	1283.6	1283.6	1283.6	1283.6	1283.6	1283.6
2.5°	1290.5	1293.5	1298.4	1299.4	1309.2	1317.1	1326.0	1326.0	1329.0	1328.0	1320.1
5°	1284.6	1293.5	1306.3	1317.1	1334.9	1342.8	1354.6	1363.5	1371.4	1377.3	1376.3
7.5°	1274.7	1290.5	1309.2	1330.0	1353.6	1367.5	1384.2	1400.0	1410.9	1420.7	1427.6
10°	1257.9	1284.6	1310.2	1337.9	1368.4	1387.2	1406.9	1427.6	1444.4	1463.2	1480.9
12.5°	1235.2	1273.7	1305.3	1341.8	1379.3	1400.0	1431.6	1447.4	1479.9	1527.3	1540.1
15°	1206.6	1258.9	1288.5	1334.9	1384.2	1401.0	1444.4	1470.1	1537.2	1566.8	1602.3
17.5°	1180.0	1238.2	1277.7	1331.0	1379.3	1411.9	1454.3	1506.6	1562.8	1605.2	1644.7
20°	1158.3	1214.5	1261.9	1321.1	1382.3	1423.7	1468.1	1531.2	1592.4	1635.8	1666.4
22.5°	1109.0	1181.0	1236.2	1302.3	1376.3	1433.6	1476.0	1545.0	1611.2	1637.8	1664.4
25°	1084.3	1146.5	1210.6	1285.6	1372.4	1440.5	1477.0	1553.9	1612.1	1622.0	1627.9
27.5°	1038.9	1109.0	1183.9	1269.8	1371.4	1428.6	1475.0	1545.0	1591.4	1584.5	1566.8
30°	982.7	1068.5	1151.4	1244.1	1357.6	1419.7	1463.2	1527.3	1551.0	1515.5	1483.9
32.5°	941.2	1022.1	1113.9	1221.4	1341.8	1401.0	1443.4	1493.7	1498.7	1434.5	1381.3
35°	885.0	974.8	1078.4	1191.8	1315.2	1368.4	1407.9	1438.5	1414.8	1325.0	1261.9
37.5°	834.7	923.5	1034.0	1149.4	1278.7	1331.0	1362.5	1367.5	1309.2	1230.3	1137.6
40°	779.4	871.2	986.6	1108.0	1238.2	1283.6	1303.3	1288.5	1204.7	1112.9	1005.4
42.5°	724.2	814.9	939.3	1063.6	1186.9	1225.4	1233.3	1192.8	1090.2	982.7	858.4
45°	664.0	758.7	883.0	1008.3	1127.7	1149.4	1150.4	1092.2	970.8	858.4	742.9
47.5°	614.7	702.5	825.8	951.1	1051.7	1066.5	1060.6	993.5	861.3	735.0	634.4
50°	560.4	644.3	766.6	889.9	975.8	979.7	964.9	869.2	740.0	624.5	544.6
52.5°	502.2	587.0	699.5	817.9	894.9	888.9	860.3	757.7	636.4	540.7	479.5
55°	455.8	530.8	636.4	751.8	806.1	789.3	757.7	653.1	557.4	476.5	423.3
57.5°	404.5	470.6	574.2	674.8	706.4	690.6	659.1	561.4	472.6	411.4	375.9
60°	356.2	416.4	507.1	591.0	615.7	598.9	562.4	474.6	410.4	359.1	332.5
62.5°	311.8	364.1	440.0	517.0	526.9	510.1	478.5	407.5	352.2	311.8	292.0
65°	270.3	319.7	380.8	439.0	447.9	430.2	397.6	346.3	299.9	274.3	255.5
67.5°	229.9	269.3	323.6	366.0	371.0	354.2	327.6	286.1	257.5	229.9	216.1
70°	194.4	224.0	266.4	300.9	302.9	287.1	273.3	235.8	214.1	194.4	183.5
72.5°	159.8	180.6	213.1	238.8	239.7	229.9	217.1	193.4	174.6	160.8	150.0
75°	126.3	144.0	163.8	186.5	185.5	177.6	167.7	152.9	137.1	128.3	123.3
77.5°	96.7	107.5	123.3	138.1	138.1	134.2	128.3	117.4	107.5	98.7	93.7
80°	69.1	76.0	88.8	93.7	95.7	94.7	89.8	81.9	77.9	71.0	69.1
82.5°	44.4	49.3	55.3	60.2	63.1	61.2	60.2	56.2	50.3	48.3	46.4
85°	25.7	27.6	30.6	33.5	34.5	33.5	35.5	32.6	29.6	29.6	28.6
87.5°	10.9	11.8	13.8	13.8	14.8	14.8	13.8	14.8	14.8	13.8	12.8
90°	1.4	4.8	8.2	11.6	15.0	16.7	17.9	20.4	22.9	25.3	27.8
92.5°	34.7	33.5	32.2	31.0	29.7	29.1	29.6	30.5	31.4	32.4	33.3
95°	90.2	80.0	69.8	59.7	49.5	44.4	45.5	47.6	49.8	51.9	54.1
97.5°	162.3	137.0	111.8	86.5	61.2	48.6	51.1	56.0	60.9	65.9	70.8
100°	245.6	203.4	161.1	118.9	76.6	55.5	58.1	63.4	68.6	73.9	79.1
102.5°	337.2	336.6	336.0	335.3	334.7	334.4	306.3	250.2	194.1	138.0	81.9
105°	421.8	431.0	440.3	449.5	458.8	463.4	421.3	337.1	253.0	168.8	84.6
107.5°	520.3	528.0	535.7	543.4	551.1	555.0	503.0	399.1	295.2	191.3	87.4
110°	614.7	621.2	627.6	634.1	640.6	643.8	599.2	510.1	421.0	331.9	242.8

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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	703.5	709.1	714.6	720.2	725.7	728.5	725.9	720.6	715.4	710.1	704.9
115°	797.8	803.0	808.3	813.5	818.8	821.4	825.3	833.0	840.7	848.4	856.1
117.5°	879.7	885.9	892.0	898.2	904.3	907.4	910.0	915.3	920.5	925.8	931.0
120°	971.3	975.9	980.5	985.2	989.8	992.1	994.9	1000.4	1006.0	1011.5	1017.1
122.5°	1049.0	1053.9	1058.9	1063.8	1068.7	1071.2	1074.3	1080.4	1086.6	1092.7	1098.9
125°	1128.1	1132.1	1136.1	1140.1	1144.1	1146.1	1149.0	1154.9	1160.8	1166.6	1172.5
127.5°	1200.2	1204.5	1208.8	1213.1	1217.4	1219.6	1221.9	1226.6	1231.2	1235.9	1240.5
130°	1268.2	1273.1	1278.1	1283.0	1287.9	1290.4	1292.1	1295.5	1298.9	1302.3	1305.7
132.5°	1337.6	1341.6	1345.6	1349.6	1353.6	1355.6	1357.3	1360.7	1364.1	1367.5	1370.9
135°	1395.9	1400.8	1405.8	1410.7	1415.6	1418.1	1419.5	1422.2	1425.0	1427.7	1430.5
137.5°	1456.9	1460.6	1464.3	1468.0	1471.7	1473.6	1475.1	1478.2	1481.3	1484.3	1487.4
140°	1516.6	1519.1	1521.5	1524.0	1526.5	1527.7	1529.4	1532.8	1536.1	1539.5	1542.9
142.5°	1566.5	1568.7	1570.8	1573.0	1575.1	1576.2	1578.2	1582.2	1586.3	1590.3	1594.3
145°	1619.2	1618.9	1618.6	1618.3	1618.0	1617.9	1620.5	1625.7	1631.0	1636.2	1641.4
147.5°	1665.0	1664.1	1663.2	1662.3	1661.4	1660.9	1663.5	1668.8	1674.0	1679.3	1684.5
150°	1709.4	1707.2	1705.1	1702.9	1700.8	1699.7	1702.2	1707.1	1712.0	1717.0	1721.9
152.5°	1746.9	1744.4	1742.0	1739.5	1737.0	1735.8	1738.1	1742.7	1747.4	1752.0	1756.6
155°	1783.0	1780.2	1777.4	1774.7	1771.9	1770.5	1772.3	1776.0	1779.7	1783.4	1787.1
157.5°	1812.1	1809.6	1807.2	1804.7	1802.2	1801.0	1802.4	1805.2	1807.9	1810.7	1813.5
160°	1837.1	1835.3	1833.4	1831.6	1829.7	1828.8	1829.7	1831.6	1833.4	1835.3	1837.1
162.5°	1859.3	1857.5	1855.6	1853.8	1851.9	1851.0	1851.8	1853.3	1854.8	1856.4	1857.9
165°	1878.7	1876.9	1875.0	1873.2	1871.3	1870.4	1870.9	1871.8	1872.7	1873.7	1874.6
167.5°	1894.0	1892.2	1890.3	1888.5	1886.6	1885.7	1886.2	1887.1	1888.0	1888.9	1889.8
170°	1906.5	1904.6	1902.8	1900.9	1899.0	1898.1	1898.4	1899.0	1899.7	1900.3	1900.9
172.5°	1914.8	1913.0	1911.1	1909.3	1907.4	1906.5	1906.8	1907.4	1908.0	1908.6	1909.2
175°	1921.7	1919.5	1917.4	1915.2	1913.1	1912.0	1912.3	1912.9	1913.6	1914.2	1914.8
177.5°	1924.5	1922.3	1920.2	1918.0	1915.9	1914.8	1915.0	1915.3	1915.6	1915.9	1916.2
180°	1917.6	1917.6	1917.6	1917.6	1917.6	1917.6	1917.6	1917.6	1917.6	1917.6	1917.6

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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	1283.6	1283.6	1283.6	1283.6	1283.6	1283.6	1283.6	1283.6	1283.6	1283.6	1283.6
2.5°	1333.9	1334.9	1336.9	1346.7	1351.7	1352.7	1348.7	1357.6	1360.6	1357.6	1355.6
5°	1397.1	1403.0	1414.8	1427.6	1426.7	1427.6	1433.6	1439.5	1441.5	1433.6	1436.5
7.5°	1452.3	1464.1	1477.0	1496.7	1496.7	1506.6	1510.5	1515.5	1527.3	1521.4	1519.4
10°	1515.5	1531.2	1554.9	1586.5	1587.5	1597.3	1607.2	1623.0	1627.9	1624.0	1626.0
12.5°	1594.4	1625.0	1626.9	1661.5	1677.3	1679.2	1695.0	1692.1	1701.9	1701.9	1718.7
15°	1628.9	1676.3	1702.9	1736.5	1746.3	1734.5	1747.3	1761.1	1762.1	1762.1	1761.1
17.5°	1691.1	1709.8	1736.5	1754.2	1758.2	1758.2	1759.1	1765.1	1761.1	1753.2	1759.1
20°	1703.9	1711.8	1721.7	1719.7	1721.7	1711.8	1701.9	1692.1	1693.0	1688.1	1702.9
22.5°	1680.2	1678.2	1655.6	1640.8	1640.8	1621.0	1602.3	1593.4	1584.5	1587.5	1592.4
25°	1621.0	1590.4	1562.8	1541.1	1536.2	1504.6	1478.9	1471.1	1456.3	1468.1	1470.1
27.5°	1526.3	1491.8	1447.4	1428.6	1403.0	1390.1	1372.4	1348.7	1318.1	1335.9	1332.9
30°	1424.7	1373.4	1336.9	1291.5	1251.0	1248.1	1214.5	1175.1	1159.3	1159.3	1168.2
32.5°	1311.2	1243.1	1189.9	1125.7	1086.3	1069.5	1029.0	989.6	998.5	968.9	979.7
35°	1179.0	1089.2	1022.1	960.0	930.4	910.7	858.4	836.7	813.0	799.2	824.8
37.5°	1052.7	949.1	863.3	795.2	784.4	748.8	713.3	699.5	685.7	691.6	690.6
40°	898.8	807.1	730.1	676.8	658.1	641.3	617.6	600.9	592.0	596.9	597.9
42.5°	759.7	682.7	625.5	588.0	572.2	560.4	548.6	534.7	531.8	531.8	535.7
45°	652.2	589.0	550.5	519.9	511.1	502.2	493.3	487.4	485.4	481.5	484.4
47.5°	566.3	516.0	492.3	469.6	459.8	457.8	449.9	446.9	443.0	442.0	443.0
50°	494.3	462.7	441.0	428.2	421.3	418.3	414.4	408.5	406.5	411.4	409.4
52.5°	444.0	414.4	402.5	389.7	385.8	381.8	375.9	376.9	375.9	373.9	373.9
55°	393.7	374.9	363.1	353.2	352.2	348.3	343.3	341.4	340.4	338.4	341.4
57.5°	353.2	338.4	327.6	318.7	314.7	314.7	309.8	305.9	305.9	304.9	305.9
60°	312.8	298.0	291.1	282.2	279.2	278.2	275.3	273.3	270.3	270.3	270.3
62.5°	275.3	263.4	255.5	247.6	248.6	243.7	239.7	237.8	237.8	238.8	238.8
65°	239.7	231.9	222.0	215.1	213.1	212.1	210.2	209.2	206.2	208.2	208.2
67.5°	207.2	196.3	190.4	187.5	184.5	183.5	181.5	179.6	178.6	177.6	179.6
70°	174.6	165.8	160.8	158.8	155.9	154.9	153.9	151.0	151.9	152.9	153.9
72.5°	145.0	137.1	136.2	130.2	130.2	130.2	126.3	128.3	127.3	125.3	127.3
75°	114.4	110.5	108.5	105.6	106.6	105.6	104.6	101.6	101.6	102.6	103.6
77.5°	90.8	86.8	85.8	82.9	80.9	82.9	80.9	79.9	79.9	80.9	80.9
80°	67.1	65.1	62.2	62.2	62.2	61.2	61.2	61.2	60.2	59.2	60.2
82.5°	44.4	44.4	43.4	42.4	43.4	41.4	42.4	42.4	42.4	42.4	42.4
85°	28.6	27.6	27.6	26.6	26.6	26.6	27.6	25.7	25.7	26.6	26.6
87.5°	12.8	12.8	12.8	13.8	12.8	12.8	12.8	13.8	12.8	12.8	12.8
90°	29.3	30.9	32.4	33.9	34.7	35.0	35.6	36.3	36.9	37.5	36.9
92.5°	33.9	34.5	35.2	35.8	36.1	36.3	36.6	36.9	37.2	37.5	37.2
95°	55.7	57.2	58.8	60.3	61.1	60.9	60.6	60.3	60.0	59.7	60.0
97.5°	71.7	72.6	73.5	74.4	74.9	75.1	75.4	75.7	76.0	76.3	76.0
100°	81.6	84.0	86.5	89.0	90.2	90.5	91.1	91.8	92.4	93.0	92.4
102.5°	85.3	88.7	92.0	95.4	97.1	97.6	98.5	99.4	100.4	101.3	100.4
105°	88.0	91.4	94.8	98.2	99.9	100.5	101.8	103.0	104.3	105.5	104.3
107.5°	90.8	94.2	97.6	101.0	102.7	103.3	104.5	105.8	107.0	108.2	107.0
110°	212.0	181.2	150.3	119.5	104.1	104.7	105.9	107.2	108.4	109.6	108.4

TEST NUMBER: P1029634

CATALOG NUMBER: S122DIW-B675D1440UB2750-4F0-XX-W2A-A_5000K

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	572.0	439.1	306.2	173.3	106.8	107.3	108.2	109.1	110.1	111.0	110.1
115°	713.3	570.6	427.8	285.1	213.7	202.6	180.4	158.2	136.0	113.8	136.0
117.5°	886.9	842.8	798.7	754.6	732.6	692.2	611.4	530.7	449.9	369.1	449.9
120°	1020.8	1024.5	1028.2	1031.9	1033.7	1012.9	971.3	929.6	888.0	846.4	888.0
122.5°	1100.7	1102.6	1104.4	1106.3	1107.2	1107.4	1107.7	1108.0	1108.3	1108.6	1108.3
125°	1174.7	1176.8	1179.0	1181.1	1182.2	1182.7	1183.6	1184.5	1185.4	1186.3	1185.4
127.5°	1243.6	1246.6	1249.7	1252.8	1254.3	1254.5	1254.8	1255.1	1255.4	1255.7	1255.4
130°	1309.1	1312.5	1315.8	1319.2	1320.9	1320.7	1320.4	1320.1	1319.8	1319.5	1319.8
132.5°	1373.7	1376.5	1379.2	1382.0	1383.4	1383.2	1382.9	1382.6	1382.3	1382.0	1382.3
135°	1433.6	1436.7	1439.8	1442.9	1444.4	1444.1	1443.5	1442.8	1442.2	1441.6	1442.2
137.5°	1490.5	1493.6	1496.7	1499.8	1501.3	1500.8	1499.9	1499.0	1498.0	1497.1	1498.0
140°	1545.7	1548.5	1551.2	1554.0	1555.4	1554.6	1553.1	1551.6	1550.0	1548.5	1550.0
142.5°	1596.8	1599.2	1601.7	1604.2	1605.4	1604.6	1603.1	1601.5	1600.0	1598.4	1600.0
145°	1643.6	1645.8	1647.9	1650.1	1651.2	1650.4	1648.9	1647.3	1645.8	1644.2	1645.8
147.5°	1686.0	1687.6	1689.1	1690.6	1691.4	1690.8	1689.5	1688.3	1687.0	1685.8	1687.0
150°	1723.7	1725.6	1727.4	1729.3	1730.2	1729.4	1727.9	1726.4	1724.8	1723.3	1724.8
152.5°	1758.4	1760.3	1762.1	1764.0	1764.9	1763.8	1761.7	1759.5	1757.4	1755.2	1757.4
155°	1789.0	1790.8	1792.7	1794.6	1795.5	1794.3	1791.8	1789.3	1786.9	1784.4	1786.9
157.5°	1815.7	1817.8	1820.0	1822.1	1823.2	1822.0	1819.5	1817.0	1814.6	1812.1	1814.6
160°	1838.9	1840.8	1842.6	1844.5	1845.4	1844.3	1842.2	1840.0	1837.9	1835.7	1837.9
162.5°	1860.1	1862.2	1864.4	1866.5	1867.6	1866.2	1863.4	1860.7	1857.9	1855.1	1857.9
165°	1876.8	1878.9	1881.1	1883.2	1884.3	1883.2	1881.1	1878.9	1876.8	1874.6	1876.8
167.5°	1892.0	1894.1	1896.3	1898.4	1899.5	1898.1	1895.3	1892.6	1889.8	1887.0	1889.8
170°	1903.1	1905.2	1907.4	1909.5	1910.6	1909.2	1906.4	1903.7	1900.9	1898.1	1900.9
172.5°	1911.4	1913.6	1915.7	1917.9	1919.0	1917.6	1914.8	1912.1	1909.3	1906.5	1909.3
175°	1917.0	1919.1	1921.3	1923.4	1924.5	1923.0	1919.9	1916.8	1913.7	1910.6	1913.7
177.5°	1918.4	1920.5	1922.7	1924.8	1925.9	1924.5	1921.7	1919.0	1916.2	1913.4	1916.2
180°	1917.6	1917.6	1917.6	1917.6	1917.6	1917.6	1917.6	1917.6	1917.6	1917.6	1917.6

TEST NUMBER: P1029634

CATALOG NUMBER: S122DIW-B675D1440UB2750-4F0-XX-W2A-A_5000K

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	1283.6	1283.6	1283.6	1283.6	1283.6	1283.6	1283.6	1283.6	1283.6	1283.6	1283.6
2.5°	1360.6	1353.6	1347.7	1348.7	1353.6	1349.7	1339.8	1327.0	1322.1	1316.2	1322.1
5°	1442.4	1436.5	1424.7	1425.7	1422.7	1418.8	1403.0	1383.2	1383.2	1367.5	1365.5
7.5°	1523.3	1514.5	1506.6	1504.6	1493.7	1485.9	1472.0	1444.4	1433.6	1414.8	1404.0
10°	1614.1	1607.2	1598.3	1587.5	1581.6	1567.7	1545.0	1504.6	1484.9	1459.2	1440.5
12.5°	1705.9	1704.9	1685.1	1663.4	1662.5	1640.8	1625.0	1570.7	1544.1	1509.5	1465.1
15°	1764.1	1759.1	1748.3	1737.4	1740.4	1716.7	1681.2	1617.1	1599.3	1557.9	1510.5
17.5°	1763.1	1763.1	1760.1	1758.2	1755.2	1748.3	1728.6	1686.1	1657.5	1605.2	1560.8
20°	1706.9	1719.7	1722.6	1721.7	1731.5	1736.5	1735.5	1708.8	1686.1	1639.8	1594.4
22.5°	1594.4	1624.0	1636.8	1644.7	1665.4	1676.3	1701.9	1692.1	1686.1	1651.6	1613.1
25°	1489.8	1499.7	1538.1	1540.1	1568.7	1595.4	1621.0	1637.8	1659.5	1646.7	1614.1
27.5°	1354.6	1377.3	1404.9	1425.7	1431.6	1485.9	1528.3	1559.8	1609.2	1613.1	1602.3
30°	1201.7	1212.6	1257.9	1285.6	1317.1	1356.6	1417.8	1472.0	1516.4	1556.9	1570.7
32.5°	1015.2	1059.6	1086.3	1119.8	1147.4	1217.5	1292.5	1362.5	1413.8	1481.9	1511.5
35°	844.5	879.1	924.5	938.3	988.6	1047.8	1145.5	1235.2	1313.2	1382.3	1442.4
37.5°	703.5	731.1	779.4	801.1	830.7	906.7	988.6	1100.1	1193.8	1278.7	1353.6
40°	606.8	627.5	664.0	670.9	695.6	764.6	830.7	935.3	1059.6	1174.1	1256.0
42.5°	540.7	550.5	575.2	584.1	599.9	646.2	705.4	804.1	919.5	1037.9	1153.4
45°	493.3	500.2	515.0	522.9	542.6	563.4	611.7	690.6	781.4	900.8	1025.1
47.5°	450.9	459.8	465.7	470.6	481.5	504.2	535.7	593.9	680.8	790.3	910.7
50°	415.4	418.3	429.2	430.2	437.1	451.9	481.5	517.0	586.1	674.8	791.3
52.5°	379.8	382.8	389.7	396.6	399.6	411.4	431.2	460.8	512.1	582.1	685.7
55°	344.3	348.3	355.2	360.1	363.1	372.9	384.8	413.4	453.8	503.2	588.0
57.5°	308.8	317.7	319.7	322.6	327.6	338.4	349.3	366.0	397.6	443.0	505.2
60°	275.3	278.2	285.1	288.1	293.0	298.9	312.8	325.6	348.3	383.8	440.0
62.5°	240.7	247.6	250.6	253.6	257.5	264.4	273.3	287.1	306.8	335.5	379.8
65°	211.1	212.1	218.0	222.0	225.9	230.9	239.7	252.6	264.4	291.1	323.6
67.5°	182.5	184.5	186.5	190.4	195.4	200.3	208.2	215.1	229.9	247.6	273.3
70°	154.9	154.9	159.8	162.8	161.8	167.7	173.6	181.5	192.4	209.2	229.9
72.5°	130.2	129.2	133.2	134.2	136.2	140.1	144.0	151.9	157.9	170.7	186.5
75°	103.6	105.6	107.5	107.5	110.5	113.5	117.4	121.4	128.3	136.2	148.0
77.5°	81.9	81.9	83.9	84.8	87.8	86.8	90.8	94.7	99.6	106.6	115.4
80°	60.2	62.2	62.2	62.2	63.1	64.1	68.1	71.0	74.0	78.9	82.9
82.5°	42.4	42.4	44.4	44.4	44.4	46.4	46.4	47.4	49.3	52.3	55.3
85°	26.6	26.6	26.6	27.6	26.6	27.6	29.6	28.6	29.6	31.6	31.6
87.5°	12.8	12.8	12.8	12.8	12.8	13.8	12.8	13.8	14.8	14.8	14.8
90°	36.3	35.6	35.0	34.7	33.9	32.4	30.9	29.3	27.8	25.3	22.9
92.5°	36.9	36.6	36.3	36.1	35.8	35.2	34.5	33.9	33.3	32.4	31.4
95°	60.3	60.6	60.9	61.1	60.3	58.8	57.2	55.7	54.1	51.9	49.8
97.5°	75.7	75.4	75.1	74.9	74.4	73.5	72.6	71.7	70.8	65.9	60.9
100°	91.8	91.1	90.5	90.2	89.0	86.5	84.0	81.6	79.1	73.9	68.6
102.5°	99.4	98.5	97.6	97.1	95.4	92.0	88.7	85.3	81.9	138.0	194.1
105°	103.0	101.8	100.5	99.9	98.2	94.8	91.4	88.0	84.6	168.8	253.0
107.5°	105.8	104.5	103.3	102.7	101.0	97.6	94.2	90.8	87.4	191.3	295.2
110°	107.2	105.9	104.7	104.1	119.5	150.3	181.2	212.0	242.8	331.9	421.0

TEST NUMBER: P1029634

CATALOG NUMBER: S122DIW-B675D1440UB2750-4F0-XX-W2A-A_5000K

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	109.1	108.2	107.3	106.8	173.3	306.2	439.1	572.0	704.9	710.1	715.4
115°	158.2	180.4	202.6	213.7	285.1	427.8	570.6	713.3	856.1	848.4	840.7
117.5°	530.7	611.4	692.2	732.6	754.6	798.7	842.8	886.9	931.0	925.8	920.5
120°	929.6	971.3	1012.9	1033.7	1031.9	1028.2	1024.5	1020.8	1017.1	1011.5	1006.0
122.5°	1108.0	1107.7	1107.4	1107.2	1106.3	1104.4	1102.6	1100.7	1098.9	1092.7	1086.6
125°	1184.5	1183.6	1182.7	1182.2	1181.1	1179.0	1176.8	1174.7	1172.5	1166.6	1160.8
127.5°	1255.1	1254.8	1254.5	1254.3	1252.8	1249.7	1246.6	1243.6	1240.5	1235.9	1231.2
130°	1320.1	1320.4	1320.7	1320.9	1319.2	1315.8	1312.5	1309.1	1305.7	1302.3	1298.9
132.5°	1382.6	1382.9	1383.2	1383.4	1382.0	1379.2	1376.5	1373.7	1370.9	1367.5	1364.1
135°	1442.8	1443.5	1444.1	1444.4	1442.9	1439.8	1436.7	1433.6	1430.5	1427.7	1425.0
137.5°	1499.0	1499.9	1500.8	1501.3	1499.8	1496.7	1493.6	1490.5	1487.4	1484.3	1481.3
140°	1551.6	1553.1	1554.6	1555.4	1554.0	1551.2	1548.5	1545.7	1542.9	1539.5	1536.1
142.5°	1601.5	1603.1	1604.6	1605.4	1604.2	1601.7	1599.2	1596.8	1594.3	1590.3	1586.3
145°	1647.3	1648.9	1650.4	1651.2	1650.1	1647.9	1645.8	1643.6	1641.4	1636.2	1631.0
147.5°	1688.3	1689.5	1690.8	1691.4	1690.6	1689.1	1687.6	1686.0	1684.5	1679.3	1674.0
150°	1726.4	1727.9	1729.4	1730.2	1729.3	1727.4	1725.6	1723.7	1721.9	1717.0	1712.0
152.5°	1759.5	1761.7	1763.8	1764.9	1764.0	1762.1	1760.3	1758.4	1756.6	1752.0	1747.4
155°	1789.3	1791.8	1794.3	1795.5	1794.6	1792.7	1790.8	1789.0	1787.1	1783.4	1779.7
157.5°	1817.0	1819.5	1822.0	1823.2	1822.1	1820.0	1817.8	1815.7	1813.5	1810.7	1807.9
160°	1840.0	1842.2	1844.3	1845.4	1844.5	1842.6	1840.8	1838.9	1837.1	1835.3	1833.4
162.5°	1860.7	1863.4	1866.2	1867.6	1866.5	1864.4	1862.2	1860.1	1857.9	1856.4	1854.8
165°	1878.9	1881.1	1883.2	1884.3	1883.2	1881.1	1878.9	1876.8	1874.6	1873.7	1872.7
167.5°	1892.6	1895.3	1898.1	1899.5	1898.4	1896.3	1894.1	1892.0	1889.8	1888.9	1888.0
170°	1903.7	1906.4	1909.2	1910.6	1909.5	1907.4	1905.2	1903.1	1900.9	1900.3	1899.7
172.5°	1912.1	1914.8	1917.6	1919.0	1917.9	1915.7	1913.6	1911.4	1909.2	1908.6	1908.0
175°	1916.8	1919.9	1923.0	1924.5	1923.4	1921.3	1919.1	1917.0	1914.8	1914.2	1913.6
177.5°	1919.0	1921.7	1924.5	1925.9	1924.8	1922.7	1920.5	1918.4	1916.2	1915.9	1915.6
180°	1917.6	1917.6	1917.6	1917.6	1917.6	1917.6	1917.6	1917.6	1917.6	1917.6	1917.6

TEST NUMBER: P1029634

CATALOG NUMBER: S122DIW-B675D1440UB2750-4F0-XX-W2A-A_5000K

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
0°	1283.6	1283.6	1283.6	1283.6	1283.6	1283.6	1283.6	1283.6	1283.6	1283.6	1283.6
2.5°	1317.1	1312.2	1309.2	1311.2	1305.3	1290.5	1290.5	1295.4	1289.5	1283.6	1274.7
5°	1353.6	1343.8	1337.9	1336.9	1323.1	1299.4	1294.4	1289.5	1276.7	1262.9	1248.1
7.5°	1389.2	1371.4	1361.5	1354.6	1334.9	1304.3	1291.5	1280.6	1259.9	1239.2	1220.5
10°	1418.8	1393.1	1381.3	1370.4	1344.8	1306.3	1285.6	1265.8	1239.2	1212.6	1188.9
12.5°	1442.4	1412.8	1398.0	1382.3	1350.7	1300.4	1274.7	1243.1	1216.5	1181.0	1157.3
15°	1481.9	1420.7	1406.9	1392.1	1359.6	1290.5	1258.9	1223.4	1186.9	1139.5	1113.9
17.5°	1513.5	1431.6	1430.6	1399.0	1356.6	1286.6	1238.2	1191.8	1152.4	1105.0	1064.6
20°	1532.2	1448.4	1432.6	1400.0	1346.7	1259.9	1209.6	1158.3	1115.9	1058.6	1018.2
22.5°	1548.0	1472.0	1430.6	1391.1	1326.0	1251.0	1177.0	1128.7	1070.5	1008.3	969.8
25°	1553.9	1477.0	1433.6	1388.2	1311.2	1225.4	1141.5	1089.2	1024.1	967.9	915.6
27.5°	1554.9	1476.0	1422.7	1375.4	1290.5	1191.8	1106.0	1050.8	978.7	913.6	861.3
30°	1545.0	1465.1	1416.8	1365.5	1270.8	1161.3	1062.6	1001.4	924.5	859.3	805.1
32.5°	1515.5	1443.4	1404.0	1347.7	1245.1	1118.8	1021.2	953.1	872.2	808.0	755.8
35°	1466.1	1416.8	1373.4	1321.1	1211.6	1079.4	979.7	899.8	817.9	756.7	707.4
37.5°	1404.9	1378.3	1337.9	1286.6	1173.1	1043.8	933.3	844.5	762.7	703.5	655.1
40°	1322.1	1329.0	1289.5	1243.1	1127.7	995.5	873.2	788.3	711.4	656.1	608.7
42.5°	1232.3	1260.9	1238.2	1193.8	1077.4	942.2	828.8	735.0	660.0	602.8	563.4
45°	1135.6	1184.9	1171.1	1138.6	1025.1	886.0	765.6	674.8	608.7	553.5	519.0
47.5°	1030.0	1100.1	1100.1	1076.4	966.9	829.7	711.4	618.6	553.5	514.0	480.5
50°	922.5	1001.4	1014.2	998.5	901.8	765.6	645.3	561.4	505.2	466.7	442.0
52.5°	810.0	901.8	925.5	917.6	832.7	704.4	591.0	509.1	457.8	424.2	402.5
55°	702.5	809.0	834.7	837.6	758.7	637.4	530.8	458.8	409.4	386.8	368.0
57.5°	600.9	703.5	732.1	737.0	683.7	576.2	474.6	411.4	367.0	348.3	333.5
60°	514.0	599.9	637.4	648.2	601.8	505.2	422.3	361.1	327.6	309.8	296.0
62.5°	443.0	512.1	551.5	554.5	533.8	443.0	368.0	316.7	288.1	272.3	265.4
65°	373.9	436.1	459.8	471.6	454.8	383.8	317.7	275.3	252.6	238.8	231.9
67.5°	318.7	358.1	377.9	393.7	376.9	323.6	270.3	235.8	219.0	205.2	201.3
70°	261.5	294.0	308.8	324.6	309.8	269.3	230.9	199.3	184.5	173.6	168.7
72.5°	209.2	234.8	248.6	258.5	249.6	216.1	184.5	162.8	151.9	144.0	141.1
75°	165.8	183.5	191.4	198.3	194.4	168.7	149.0	131.2	121.4	114.4	112.5
77.5°	126.3	139.1	148.0	150.0	145.0	128.3	111.5	100.6	92.7	88.8	86.8
80°	89.8	97.7	102.6	105.6	100.6	93.7	81.9	74.0	67.1	62.2	61.2
82.5°	60.2	64.1	68.1	67.1	65.1	59.2	52.3	48.3	45.4	41.4	41.4
85°	34.5	35.5	37.5	38.5	37.5	33.5	29.6	27.6	25.7	22.7	22.7
87.5°	14.8	15.8	15.8	16.8	14.8	14.8	12.8	10.9	10.9	9.9	8.9
90°	20.4	17.9	16.7	15.0	11.6	8.2	4.8	1.4	4.8	8.2	11.6
92.5°	30.5	29.6	29.1	29.7	31.0	32.2	33.5	34.7	33.5	32.2	31.0
95°	47.6	45.5	44.4	49.5	59.7	69.8	80.0	90.2	80.0	69.8	59.7
97.5°	56.0	51.1	48.6	61.2	86.5	111.8	137.0	162.3	137.0	111.8	86.5
100°	63.4	58.1	55.5	76.6	118.9	161.1	203.4	245.6	203.4	161.1	118.9
102.5°	250.2	306.3	334.4	334.7	335.3	336.0	336.6	337.2	336.6	336.0	335.3
105°	337.1	421.3	463.4	458.8	449.5	440.3	431.0	421.8	431.0	440.3	449.5
107.5°	399.1	503.0	555.0	551.1	543.4	535.7	528.0	520.3	528.0	535.7	543.4
110°	510.1	599.2	643.8	640.6	634.1	627.6	621.2	614.7	621.2	627.6	634.1

TEST NUMBER: P1029634

CATALOG NUMBER: S122DIW-B675D1440UB2750-4F0-XX-W2A-A_5000K

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
112.5°	720.6	725.9	728.5	725.7	720.2	714.6	709.1	703.5	709.1	714.6	720.2
115°	833.0	825.3	821.4	818.8	813.5	808.3	803.0	797.8	803.0	808.3	813.5
117.5°	915.3	910.0	907.4	904.3	898.2	892.0	885.9	879.7	885.9	892.0	898.2
120°	1000.4	994.9	992.1	989.8	985.2	980.5	975.9	971.3	975.9	980.5	985.2
122.5°	1080.4	1074.3	1071.2	1068.7	1063.8	1058.9	1053.9	1049.0	1053.9	1058.9	1063.8
125°	1154.9	1149.0	1146.1	1144.1	1140.1	1136.1	1132.1	1128.1	1132.1	1136.1	1140.1
127.5°	1226.6	1221.9	1219.6	1217.4	1213.1	1208.8	1204.5	1200.2	1204.5	1208.8	1213.1
130°	1295.5	1292.1	1290.4	1287.9	1283.0	1278.1	1273.1	1268.2	1273.1	1278.1	1283.0
132.5°	1360.7	1357.3	1355.6	1353.6	1349.6	1345.6	1341.6	1337.6	1341.6	1345.6	1349.6
135°	1422.2	1419.5	1418.1	1415.6	1410.7	1405.8	1400.8	1395.9	1400.8	1405.8	1410.7
137.5°	1478.2	1475.1	1473.6	1471.7	1468.0	1464.3	1460.6	1456.9	1460.6	1464.3	1468.0
140°	1532.8	1529.4	1527.7	1526.5	1524.0	1521.5	1519.1	1516.6	1519.1	1521.5	1524.0
142.5°	1582.2	1578.2	1576.2	1575.1	1573.0	1570.8	1568.7	1566.5	1568.7	1570.8	1573.0
145°	1625.7	1620.5	1617.9	1618.0	1618.3	1618.6	1618.9	1619.2	1618.9	1618.6	1618.3
147.5°	1668.8	1663.5	1660.9	1661.4	1662.3	1663.2	1664.1	1665.0	1664.1	1663.2	1662.3
150°	1707.1	1702.2	1699.7	1700.8	1702.9	1705.1	1707.2	1709.4	1707.2	1705.1	1702.9
152.5°	1742.7	1738.1	1735.8	1737.0	1739.5	1742.0	1744.4	1746.9	1744.4	1742.0	1739.5
155°	1776.0	1772.3	1770.5	1771.9	1774.7	1777.4	1780.2	1783.0	1780.2	1777.4	1774.7
157.5°	1805.2	1802.4	1801.0	1802.2	1804.7	1807.2	1809.6	1812.1	1809.6	1807.2	1804.7
160°	1831.6	1829.7	1828.8	1829.7	1831.6	1833.4	1835.3	1837.1	1835.3	1833.4	1831.6
162.5°	1853.3	1851.8	1851.0	1851.9	1853.8	1855.6	1857.5	1859.3	1857.5	1855.6	1853.8
165°	1871.8	1870.9	1870.4	1871.3	1873.2	1875.0	1876.9	1878.7	1876.9	1875.0	1873.2
167.5°	1887.1	1886.2	1885.7	1886.6	1888.5	1890.3	1892.2	1894.0	1892.2	1890.3	1888.5
170°	1899.0	1898.4	1898.1	1899.0	1900.9	1902.8	1904.6	1906.5	1904.6	1902.8	1900.9
172.5°	1907.4	1906.8	1906.5	1907.4	1909.3	1911.1	1913.0	1914.8	1913.0	1911.1	1909.3
175°	1912.9	1912.3	1912.0	1913.1	1915.2	1917.4	1919.5	1921.7	1919.5	1917.4	1915.2
177.5°	1915.3	1915.0	1914.8	1915.9	1918.0	1920.2	1922.3	1924.5	1922.3	1920.2	1918.0
180°	1917.6	1917.6	1917.6	1917.6	1917.6	1917.6	1917.6	1917.6	1917.6	1917.6	1917.6

TEST NUMBER: P1029634

CATALOG NUMBER: S122DIW-B675D1440UB2750-4F0-XX-W2A-A_5000K

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
0°	1283.6	1283.6	1283.6	1283.6	1283.6	1283.6	1283.6	1283.6	1283.6	1283.6	1283.6
2.5°	1269.8	1274.7	1273.7	1263.9	1253.0	1244.1	1227.4	1229.3	1223.4	1224.4	1230.3
5°	1238.2	1238.2	1234.3	1220.5	1202.7	1192.8	1174.1	1169.1	1157.3	1156.3	1155.3
7.5°	1204.7	1199.7	1194.8	1175.1	1153.4	1137.6	1111.9	1106.0	1094.2	1086.3	1082.3
10°	1165.2	1158.3	1148.4	1125.7	1099.1	1079.4	1052.7	1044.8	1022.1	1012.3	1006.4
12.5°	1121.8	1117.8	1102.1	1083.3	1039.9	1018.2	979.7	987.6	964.9	945.2	942.2
15°	1078.4	1063.6	1054.7	1024.1	971.8	962.0	931.4	915.6	894.9	879.1	879.1
17.5°	1036.0	1013.3	993.5	961.0	922.5	894.9	872.2	864.3	838.6	822.8	819.9
20°	979.7	954.1	949.1	902.8	876.1	845.5	823.8	804.1	785.4	778.4	773.5
22.5°	926.4	896.8	888.9	849.5	822.8	792.3	770.6	756.7	742.9	738.0	729.1
25°	869.2	851.5	839.6	797.2	767.6	739.0	724.2	714.3	701.5	700.5	694.6
27.5°	814.0	797.2	785.4	744.9	723.2	696.6	684.7	673.9	667.0	664.0	661.0
30°	766.6	747.9	734.0	704.4	677.8	656.1	646.2	639.3	635.4	630.5	629.5
32.5°	714.3	703.5	684.7	662.0	641.3	620.6	614.7	609.7	603.8	601.8	600.9
35°	669.9	655.1	643.3	617.6	608.7	591.0	584.1	580.1	572.2	570.3	568.3
37.5°	626.5	612.7	599.9	584.1	567.3	557.4	553.5	547.6	543.6	544.6	542.6
40°	583.1	572.2	562.4	545.6	535.7	530.8	522.9	517.0	515.0	516.0	515.0
42.5°	540.7	530.8	524.9	512.1	502.2	497.3	492.3	486.4	489.4	489.4	492.3
45°	502.2	493.3	489.4	479.5	473.6	465.7	460.8	459.8	463.7	462.7	462.7
47.5°	462.7	459.8	454.8	446.0	438.1	433.1	432.1	432.1	436.1	438.1	437.1
50°	432.1	426.2	420.3	413.4	407.5	405.5	402.5	404.5	408.5	408.5	410.4
52.5°	393.7	389.7	387.7	381.8	377.9	377.9	377.9	378.9	381.8	384.8	383.8
55°	360.1	357.2	355.2	352.2	347.3	348.3	347.3	349.3	352.2	355.2	357.2
57.5°	324.6	323.6	321.6	316.7	316.7	315.7	318.7	319.7	324.6	326.6	329.5
60°	293.0	290.1	290.1	286.1	286.1	286.1	289.1	292.0	296.0	297.0	298.9
62.5°	259.5	259.5	258.5	255.5	255.5	258.5	259.5	263.4	265.4	265.4	268.4
65°	227.9	226.9	225.9	226.9	227.9	227.9	230.9	232.8	234.8	235.8	236.8
67.5°	196.3	195.4	197.3	196.3	198.3	202.3	201.3	204.2	207.2	207.2	208.2
70°	166.7	168.7	167.7	169.7	168.7	170.7	173.6	174.6	174.6	175.6	178.6
72.5°	139.1	139.1	139.1	138.1	139.1	141.1	143.1	144.0	146.0	147.0	150.0
75°	112.5	112.5	110.5	112.5	112.5	114.4	116.4	116.4	116.4	118.4	121.4
77.5°	84.8	85.8	84.8	86.8	86.8	87.8	89.8	88.8	90.8	91.8	92.7
80°	62.2	61.2	61.2	61.2	62.2	62.2	64.1	65.1	65.1	68.1	66.1
82.5°	39.5	40.5	39.5	40.5	40.5	41.4	40.5	41.4	42.4	44.4	43.4
85°	22.7	21.7	21.7	22.7	21.7	21.7	22.7	21.7	22.7	21.7	22.7
87.5°	8.9	7.9	7.9	7.9	7.9	6.9	6.9	5.9	5.9	5.9	4.9
90°	15.0	16.7	17.9	20.4	22.9	25.3	27.8	29.3	30.9	32.4	33.9
92.5°	29.7	29.1	29.6	30.5	31.4	32.4	33.3	33.9	34.5	35.2	35.8
95°	49.5	44.4	45.5	47.6	49.8	51.9	54.1	55.7	57.2	58.8	60.3
97.5°	61.2	48.6	51.1	56.0	60.9	65.9	70.8	71.7	72.6	73.5	74.4
100°	76.6	55.5	58.1	63.4	68.6	73.9	79.1	81.6	84.0	86.5	89.0
102.5°	334.7	334.4	306.3	250.2	194.1	138.0	81.9	85.3	88.7	92.0	95.4
105°	458.8	463.4	421.3	337.1	253.0	168.8	84.6	88.0	91.4	94.8	98.2
107.5°	551.1	555.0	503.0	399.1	295.2	191.3	87.4	90.8	94.2	97.6	101.0
110°	640.6	643.8	599.2	510.1	421.0	331.9	242.8	212.0	181.2	150.3	119.5

TEST NUMBER: P1029634

CATALOG NUMBER: S122DIW-B675D1440UB2750-4F0-XX-W2A-A_5000K

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
112.5°	725.7	728.5	725.9	720.6	715.4	710.1	704.9	572.0	439.1	306.2	173.3
115°	818.8	821.4	825.3	833.0	840.7	848.4	856.1	713.3	570.6	427.8	285.1
117.5°	904.3	907.4	910.0	915.3	920.5	925.8	931.0	886.9	842.8	798.7	754.6
120°	989.8	992.1	994.9	1000.4	1006.0	1011.5	1017.1	1020.8	1024.5	1028.2	1031.9
122.5°	1068.7	1071.2	1074.3	1080.4	1086.6	1092.7	1098.9	1100.7	1102.6	1104.4	1106.3
125°	1144.1	1146.1	1149.0	1154.9	1160.8	1166.6	1172.5	1174.7	1176.8	1179.0	1181.1
127.5°	1217.4	1219.6	1221.9	1226.6	1231.2	1235.9	1240.5	1243.6	1246.6	1249.7	1252.8
130°	1287.9	1290.4	1292.1	1295.5	1298.9	1302.3	1305.7	1309.1	1312.5	1315.8	1319.2
132.5°	1353.6	1355.6	1357.3	1360.7	1364.1	1367.5	1370.9	1373.7	1376.5	1379.2	1382.0
135°	1415.6	1418.1	1419.5	1422.2	1425.0	1427.7	1430.5	1433.6	1436.7	1439.8	1442.9
137.5°	1471.7	1473.6	1475.1	1478.2	1481.3	1484.3	1487.4	1490.5	1493.6	1496.7	1499.8
140°	1526.5	1527.7	1529.4	1532.8	1536.1	1539.5	1542.9	1545.7	1548.5	1551.2	1554.0
142.5°	1575.1	1576.2	1578.2	1582.2	1586.3	1590.3	1594.3	1596.8	1599.2	1601.7	1604.2
145°	1618.0	1617.9	1620.5	1625.7	1631.0	1636.2	1641.4	1643.6	1645.8	1647.9	1650.1
147.5°	1661.4	1660.9	1663.5	1668.8	1674.0	1679.3	1684.5	1686.0	1687.6	1689.1	1690.6
150°	1700.8	1699.7	1702.2	1707.1	1712.0	1717.0	1721.9	1723.7	1725.6	1727.4	1729.3
152.5°	1737.0	1735.8	1738.1	1742.7	1747.4	1752.0	1756.6	1758.4	1760.3	1762.1	1764.0
155°	1771.9	1770.5	1772.3	1776.0	1779.7	1783.4	1787.1	1789.0	1790.8	1792.7	1794.6
157.5°	1802.2	1801.0	1802.4	1805.2	1807.9	1810.7	1813.5	1815.7	1817.8	1820.0	1822.1
160°	1829.7	1828.8	1829.7	1831.6	1833.4	1835.3	1837.1	1838.9	1840.8	1842.6	1844.5
162.5°	1851.9	1851.0	1851.8	1853.3	1854.8	1856.4	1857.9	1860.1	1862.2	1864.4	1866.5
165°	1871.3	1870.4	1870.9	1871.8	1872.7	1873.7	1874.6	1876.8	1878.9	1881.1	1883.2
167.5°	1886.6	1885.7	1886.2	1887.1	1888.0	1888.9	1889.8	1892.0	1894.1	1896.3	1898.4
170°	1899.0	1898.1	1898.4	1899.0	1899.7	1900.3	1900.9	1903.1	1905.2	1907.4	1909.5
172.5°	1907.4	1906.5	1906.8	1907.4	1908.0	1908.6	1909.2	1911.4	1913.6	1915.7	1917.9
175°	1913.1	1912.0	1912.3	1912.9	1913.6	1914.2	1914.8	1917.0	1919.1	1921.3	1923.4
177.5°	1915.9	1914.8	1915.0	1915.3	1915.6	1915.9	1916.2	1918.4	1920.5	1922.7	1924.8
180°	1917.6	1917.6	1917.6	1917.6	1917.6	1917.6	1917.6	1917.6	1917.6	1917.6	1917.6

TEST NUMBER: P1029634

CATALOG NUMBER: S122DIW-B675D1440UB2750-4F0-XX-W2A-A_5000K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
0°	1283.6	1283.6	1283.6	1283.6	1283.6	1283.6	1283.6	1283.6	1283.6	1283.6	1283.6
2.5°	1223.4	1226.4	1219.5	1217.5	1219.5	1212.6	1214.5	1216.5	1216.5	1219.5	1221.4
5°	1152.4	1148.4	1141.5	1139.5	1137.6	1140.5	1138.6	1141.5	1142.5	1149.4	1150.4
7.5°	1082.3	1076.4	1070.5	1064.6	1062.6	1057.7	1062.6	1062.6	1069.5	1067.5	1072.5
10°	999.4	998.5	990.6	987.6	983.7	975.8	986.6	983.7	988.6	997.5	999.4
12.5°	938.3	927.4	932.4	918.5	923.5	915.6	916.6	916.6	924.5	925.5	923.5
15°	880.1	871.2	858.4	852.4	849.5	845.5	858.4	859.3	853.4	867.2	862.3
17.5°	820.9	820.9	809.0	806.1	798.2	802.1	800.1	801.1	799.2	809.0	814.0
20°	769.6	764.6	760.7	761.7	751.8	749.8	747.9	749.8	756.7	763.6	765.6
22.5°	728.1	725.2	715.3	717.3	709.4	712.3	710.4	715.3	716.3	716.3	723.2
25°	688.7	684.7	685.7	681.8	678.8	678.8	675.8	678.8	682.7	684.7	685.7
27.5°	659.1	656.1	651.2	648.2	650.2	645.3	649.2	652.2	652.2	650.2	652.2
30°	623.5	625.5	625.5	615.7	619.6	617.6	620.6	622.6	622.6	623.5	621.6
32.5°	599.9	593.9	593.0	592.0	592.0	588.0	588.0	591.0	592.0	593.0	595.9
35°	568.3	568.3	563.4	566.3	562.4	563.4	562.4	563.4	565.3	562.4	565.3
37.5°	539.7	540.7	538.7	540.7	541.7	539.7	537.7	541.7	539.7	539.7	537.7
40°	515.0	514.0	515.0	515.0	515.0	516.0	514.0	514.0	514.0	512.1	510.1
42.5°	494.3	488.4	490.4	491.3	488.4	488.4	489.4	488.4	491.3	485.4	485.4
45°	464.7	462.7	463.7	463.7	465.7	462.7	464.7	465.7	462.7	461.7	459.8
47.5°	438.1	440.0	438.1	440.0	440.0	442.0	438.1	439.0	440.0	436.1	433.1
50°	411.4	411.4	414.4	413.4	414.4	412.4	412.4	411.4	412.4	410.4	407.5
52.5°	386.8	383.8	388.7	387.7	386.8	385.8	384.8	385.8	383.8	381.8	381.8
55°	356.2	356.2	359.1	360.1	360.1	358.1	356.2	357.2	356.2	355.2	354.2
57.5°	331.5	327.6	329.5	330.5	330.5	327.6	329.5	327.6	327.6	328.5	325.6
60°	299.9	299.9	298.0	300.9	300.9	298.9	298.9	299.9	298.0	297.0	296.0
62.5°	266.4	267.4	270.3	271.3	272.3	270.3	268.4	269.3	269.3	266.4	267.4
65°	237.8	239.7	243.7	242.7	240.7	241.7	239.7	240.7	237.8	238.8	235.8
67.5°	210.2	209.2	210.2	210.2	212.1	211.1	209.2	209.2	208.2	211.1	208.2
70°	180.6	180.6	180.6	180.6	181.5	182.5	180.6	178.6	179.6	177.6	176.6
72.5°	150.0	151.0	150.0	151.9	149.0	151.0	151.0	150.0	149.0	149.0	149.0
75°	121.4	123.3	120.4	121.4	120.4	122.3	121.4	121.4	119.4	118.4	119.4
77.5°	92.7	93.7	91.8	92.7	91.8	92.7	92.7	91.8	91.8	91.8	91.8
80°	66.1	67.1	66.1	65.1	64.1	66.1	64.1	65.1	66.1	65.1	67.1
82.5°	42.4	42.4	41.4	42.4	40.5	40.5	41.4	41.4	40.5	42.4	40.5
85°	20.7	20.7	22.7	20.7	19.7	19.7	19.7	20.7	19.7	21.7	20.7
87.5°	4.9	3.9	4.9	4.9	3.9	3.9	4.9	3.9	4.9	5.9	3.9
90°	34.7	35.0	35.6	36.3	36.9	37.5	36.9	36.3	35.6	35.0	34.7
92.5°	36.1	36.3	36.6	36.9	37.2	37.5	37.2	36.9	36.6	36.3	36.1
95°	61.1	60.9	60.6	60.3	60.0	59.7	60.0	60.3	60.6	60.9	61.1
97.5°	74.9	75.1	75.4	75.7	76.0	76.3	76.0	75.7	75.4	75.1	74.9
100°	90.2	90.5	91.1	91.8	92.4	93.0	92.4	91.8	91.1	90.5	90.2
102.5°	97.1	97.6	98.5	99.4	100.4	101.3	100.4	99.4	98.5	97.6	97.1
105°	99.9	100.5	101.8	103.0	104.3	105.5	104.3	103.0	101.8	100.5	99.9
107.5°	102.7	103.3	104.5	105.8	107.0	108.2	107.0	105.8	104.5	103.3	102.7
110°	104.1	104.7	105.9	107.2	108.4	109.6	108.4	107.2	105.9	104.7	104.1

TEST NUMBER: P1029634

CATALOG NUMBER: S122DIW-B675D1440UB2750-4F0-XX-W2A-A_5000K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
112.5°	106.8	107.3	108.2	109.1	110.1	111.0	110.1	109.1	108.2	107.3	106.8
115°	213.7	202.6	180.4	158.2	136.0	113.8	136.0	158.2	180.4	202.6	213.7
117.5°	732.6	692.2	611.4	530.7	449.9	369.1	449.9	530.7	611.4	692.2	732.6
120°	1033.7	1012.9	971.3	929.6	888.0	846.4	888.0	929.6	971.3	1012.9	1033.7
122.5°	1107.2	1107.4	1107.7	1108.0	1108.3	1108.6	1108.3	1108.0	1107.7	1107.4	1107.2
125°	1182.2	1182.7	1183.6	1184.5	1185.4	1186.3	1185.4	1184.5	1183.6	1182.7	1182.2
127.5°	1254.3	1254.5	1254.8	1255.1	1255.4	1255.7	1255.4	1255.1	1254.8	1254.5	1254.3
130°	1320.9	1320.7	1320.4	1320.1	1319.8	1319.5	1319.8	1320.1	1320.4	1320.7	1320.9
132.5°	1383.4	1383.2	1382.9	1382.6	1382.3	1382.0	1382.3	1382.6	1382.9	1383.2	1383.4
135°	1444.4	1444.1	1443.5	1442.8	1442.2	1441.6	1442.2	1442.8	1443.5	1444.1	1444.4
137.5°	1501.3	1500.8	1499.9	1499.0	1498.0	1497.1	1498.0	1499.0	1499.9	1500.8	1501.3
140°	1555.4	1554.6	1553.1	1551.6	1550.0	1548.5	1550.0	1551.6	1553.1	1554.6	1555.4
142.5°	1605.4	1604.6	1603.1	1601.5	1600.0	1598.4	1600.0	1601.5	1603.1	1604.6	1605.4
145°	1651.2	1650.4	1648.9	1647.3	1645.8	1644.2	1645.8	1647.3	1648.9	1650.4	1651.2
147.5°	1691.4	1690.8	1689.5	1688.3	1687.0	1685.8	1687.0	1688.3	1689.5	1690.8	1691.4
150°	1730.2	1729.4	1727.9	1726.4	1724.8	1723.3	1724.8	1726.4	1727.9	1729.4	1730.2
152.5°	1764.9	1763.8	1761.7	1759.5	1757.4	1755.2	1757.4	1759.5	1761.7	1763.8	1764.9
155°	1795.5	1794.3	1791.8	1789.3	1786.9	1784.4	1786.9	1789.3	1791.8	1794.3	1795.5
157.5°	1823.2	1822.0	1819.5	1817.0	1814.6	1812.1	1814.6	1817.0	1819.5	1822.0	1823.2
160°	1845.4	1844.3	1842.2	1840.0	1837.9	1835.7	1837.9	1840.0	1842.2	1844.3	1845.4
162.5°	1867.6	1866.2	1863.4	1860.7	1857.9	1855.1	1857.9	1860.7	1863.4	1866.2	1867.6
165°	1884.3	1883.2	1881.1	1878.9	1876.8	1874.6	1876.8	1878.9	1881.1	1883.2	1884.3
167.5°	1899.5	1898.1	1895.3	1892.6	1889.8	1887.0	1889.8	1892.6	1895.3	1898.1	1899.5
170°	1910.6	1909.2	1906.4	1903.7	1900.9	1898.1	1900.9	1903.7	1906.4	1909.2	1910.6
172.5°	1919.0	1917.6	1914.8	1912.1	1909.3	1906.5	1909.3	1912.1	1914.8	1917.6	1919.0
175°	1924.5	1923.0	1919.9	1916.8	1913.7	1910.6	1913.7	1916.8	1919.9	1923.0	1924.5
177.5°	1925.9	1924.5	1921.7	1919.0	1916.2	1913.4	1916.2	1919.0	1921.7	1924.5	1925.9
180°	1917.6	1917.6	1917.6	1917.6	1917.6	1917.6	1917.6	1917.6	1917.6	1917.6	1917.6

TEST NUMBER: P1029634

CATALOG NUMBER: S122DIW-B675D1440UB2750-4F0-XX-W2A-A_5000K

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
0°	1283.6	1283.6	1283.6	1283.6	1283.6	1283.6	1283.6	1283.6	1283.6	1283.6	1283.6
2.5°	1218.5	1226.4	1223.4	1212.6	1225.4	1225.4	1234.3	1234.3	1245.1	1249.1	1255.0
5°	1149.4	1155.3	1160.3	1155.3	1164.2	1178.0	1185.9	1192.8	1207.6	1213.5	1222.4
7.5°	1075.4	1086.3	1091.2	1091.2	1106.0	1121.8	1137.6	1147.4	1168.2	1176.1	1184.9
10°	1003.4	1016.2	1026.1	1025.1	1049.8	1059.6	1079.4	1102.1	1122.8	1134.6	1147.4
12.5°	927.4	934.3	948.1	967.9	973.8	991.6	1014.2	1042.9	1080.4	1091.2	1109.9
15°	864.3	883.0	893.9	902.8	916.6	933.3	958.0	985.6	1023.1	1046.8	1066.5
17.5°	811.0	835.7	842.6	840.6	858.4	884.0	912.6	933.3	966.9	995.5	1014.2
20°	767.6	777.5	789.3	794.2	808.0	835.7	863.3	887.0	914.6	937.3	959.0
22.5°	724.2	732.1	741.9	750.8	761.7	777.5	804.1	833.7	860.3	882.0	906.7
25°	688.7	693.6	702.5	709.4	721.2	732.1	750.8	783.4	814.9	827.8	849.5
27.5°	654.1	658.1	664.0	671.9	677.8	688.7	705.4	732.1	764.6	777.5	807.1
30°	623.5	626.5	632.4	636.4	639.3	652.2	665.0	685.7	710.4	728.1	749.8
32.5°	594.9	597.9	603.8	604.8	608.7	615.7	627.5	646.2	667.9	682.7	701.5
35°	563.4	565.3	571.3	573.2	576.2	582.1	591.0	604.8	624.5	635.4	652.2
37.5°	538.7	537.7	541.7	544.6	548.6	551.5	554.5	568.3	583.1	593.0	605.8
40°	512.1	510.1	511.1	515.0	517.0	520.9	520.9	534.7	544.6	552.5	562.4
42.5°	485.4	484.4	482.5	484.4	486.4	487.4	488.4	498.2	508.1	515.0	525.9
45°	458.8	457.8	455.8	456.8	456.8	458.8	461.7	465.7	472.6	478.5	484.4
47.5°	434.1	432.1	429.2	428.2	430.2	430.2	430.2	434.1	441.0	443.0	448.9
50°	408.5	405.5	401.6	399.6	399.6	398.6	400.6	401.6	407.5	409.4	414.4
52.5°	380.8	378.9	374.9	371.0	372.0	370.0	371.0	372.0	373.9	376.9	379.8
55°	353.2	349.3	346.3	345.3	342.4	342.4	339.4	343.3	342.4	343.3	347.3
57.5°	326.6	322.6	317.7	315.7	312.8	311.8	309.8	308.8	309.8	312.8	315.7
60°	295.0	293.0	290.1	287.1	285.1	282.2	280.2	280.2	279.2	279.2	280.2
62.5°	264.4	263.4	259.5	258.5	256.5	254.5	251.6	249.6	249.6	251.6	252.6
65°	234.8	233.8	230.9	229.9	224.9	223.0	222.0	221.0	219.0	219.0	219.0
67.5°	207.2	204.2	204.2	199.3	195.4	193.4	191.4	190.4	190.4	190.4	191.4
70°	176.6	176.6	173.6	170.7	166.7	167.7	164.8	161.8	161.8	159.8	160.8
72.5°	147.0	146.0	143.1	142.1	139.1	136.2	134.2	136.2	133.2	132.2	133.2
75°	118.4	117.4	115.4	113.5	114.4	111.5	108.5	107.5	107.5	105.6	105.6
77.5°	90.8	92.7	88.8	87.8	85.8	83.9	82.9	81.9	81.9	81.9	83.9
80°	63.1	64.1	64.1	62.2	63.1	60.2	60.2	60.2	57.2	58.2	59.2
82.5°	40.5	40.5	39.5	40.5	39.5	39.5	38.5	38.5	37.5	37.5	38.5
85°	22.7	21.7	20.7	22.7	21.7	21.7	20.7	20.7	20.7	20.7	20.7
87.5°	4.9	5.9	5.9	5.9	5.9	6.9	6.9	6.9	7.9	7.9	7.9
90°	33.9	32.4	30.9	29.3	27.8	25.3	22.9	20.4	17.9	16.7	15.0
92.5°	35.8	35.2	34.5	33.9	33.3	32.4	31.4	30.5	29.6	29.1	29.7
95°	60.3	58.8	57.2	55.7	54.1	51.9	49.8	47.6	45.5	44.4	49.5
97.5°	74.4	73.5	72.6	71.7	70.8	65.9	60.9	56.0	51.1	48.6	61.2
100°	89.0	86.5	84.0	81.6	79.1	73.9	68.6	63.4	58.1	55.5	76.6
102.5°	95.4	92.0	88.7	85.3	81.9	138.0	194.1	250.2	306.3	334.4	334.7
105°	98.2	94.8	91.4	88.0	84.6	168.8	253.0	337.1	421.3	463.4	458.8
107.5°	101.0	97.6	94.2	90.8	87.4	191.3	295.2	399.1	503.0	555.0	551.1
110°	119.5	150.3	181.2	212.0	242.8	331.9	421.0	510.1	599.2	643.8	640.6

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CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
112.5°	173.3	306.2	439.1	572.0	704.9	710.1	715.4	720.6	725.9	728.5	725.7
115°	285.1	427.8	570.6	713.3	856.1	848.4	840.7	833.0	825.3	821.4	818.8
117.5°	754.6	798.7	842.8	886.9	931.0	925.8	920.5	915.3	910.0	907.4	904.3
120°	1031.9	1028.2	1024.5	1020.8	1017.1	1011.5	1006.0	1000.4	994.9	992.1	989.8
122.5°	1106.3	1104.4	1102.6	1100.7	1098.9	1092.7	1086.6	1080.4	1074.3	1071.2	1068.7
125°	1181.1	1179.0	1176.8	1174.7	1172.5	1166.6	1160.8	1154.9	1149.0	1146.1	1144.1
127.5°	1252.8	1249.7	1246.6	1243.6	1240.5	1235.9	1231.2	1226.6	1221.9	1219.6	1217.4
130°	1319.2	1315.8	1312.5	1309.1	1305.7	1302.3	1298.9	1295.5	1292.1	1290.4	1287.9
132.5°	1382.0	1379.2	1376.5	1373.7	1370.9	1367.5	1364.1	1360.7	1357.3	1355.6	1353.6
135°	1442.9	1439.8	1436.7	1433.6	1430.5	1427.7	1425.0	1422.2	1419.5	1418.1	1415.6
137.5°	1499.8	1496.7	1493.6	1490.5	1487.4	1484.3	1481.3	1478.2	1475.1	1473.6	1471.7
140°	1554.0	1551.2	1548.5	1545.7	1542.9	1539.5	1536.1	1532.8	1529.4	1527.7	1526.5
142.5°	1604.2	1601.7	1599.2	1596.8	1594.3	1590.3	1586.3	1582.2	1578.2	1576.2	1575.1
145°	1650.1	1647.9	1645.8	1643.6	1641.4	1636.2	1631.0	1625.7	1620.5	1617.9	1618.0
147.5°	1690.6	1689.1	1687.6	1686.0	1684.5	1679.3	1674.0	1668.8	1663.5	1660.9	1661.4
150°	1729.3	1727.4	1725.6	1723.7	1721.9	1717.0	1712.0	1707.1	1702.2	1699.7	1700.8
152.5°	1764.0	1762.1	1760.3	1758.4	1756.6	1752.0	1747.4	1742.7	1738.1	1735.8	1737.0
155°	1794.6	1792.7	1790.8	1789.0	1787.1	1783.4	1779.7	1776.0	1772.3	1770.5	1771.9
157.5°	1822.1	1820.0	1817.8	1815.7	1813.5	1810.7	1807.9	1805.2	1802.4	1801.0	1802.2
160°	1844.5	1842.6	1840.8	1838.9	1837.1	1835.3	1833.4	1831.6	1829.7	1828.8	1829.7
162.5°	1866.5	1864.4	1862.2	1860.1	1857.9	1856.4	1854.8	1853.3	1851.8	1851.0	1851.9
165°	1883.2	1881.1	1878.9	1876.8	1874.6	1873.7	1872.7	1871.8	1870.9	1870.4	1871.3
167.5°	1898.4	1896.3	1894.1	1892.0	1889.8	1888.9	1888.0	1887.1	1886.2	1885.7	1886.6
170°	1909.5	1907.4	1905.2	1903.1	1900.9	1900.3	1899.7	1899.0	1898.4	1898.1	1899.0
172.5°	1917.9	1915.7	1913.6	1911.4	1909.2	1908.6	1908.0	1907.4	1906.8	1906.5	1907.4
175°	1923.4	1921.3	1919.1	1917.0	1914.8	1914.2	1913.6	1912.9	1912.3	1912.0	1913.1
177.5°	1924.8	1922.7	1920.5	1918.4	1916.2	1915.9	1915.6	1915.3	1915.0	1914.8	1915.9
180°	1917.6	1917.6	1917.6	1917.6	1917.6	1917.6	1917.6	1917.6	1917.6	1917.6	1917.6

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CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
0°	1283.6	1283.6	1283.6	1283.6
2.5°	1259.9	1259.9	1274.7	1290.5
5°	1232.3	1239.2	1262.9	1284.6
7.5°	1205.7	1217.5	1247.1	1274.7
10°	1173.1	1188.9	1225.4	1257.9
12.5°	1141.5	1156.3	1198.7	1235.2
15°	1097.1	1115.9	1161.3	1206.6
17.5°	1052.7	1071.5	1126.7	1180.0
20°	1000.4	1025.1	1087.3	1158.3
22.5°	952.1	982.7	1051.7	1109.0
25°	898.8	946.2	1010.3	1084.3
27.5°	851.5	898.8	963.9	1038.9
30°	798.2	846.5	913.6	982.7
32.5°	746.9	791.3	856.4	941.2
35°	693.6	736.0	799.2	885.0
37.5°	645.3	686.7	755.8	834.7
40°	597.9	641.3	700.5	779.4
42.5°	553.5	592.0	645.3	724.2
45°	513.0	540.7	590.0	664.0
47.5°	470.6	495.3	540.7	614.7
50°	431.2	451.9	491.3	560.4
52.5°	392.7	410.4	446.9	502.2
55°	358.1	374.9	401.6	455.8
57.5°	322.6	335.5	361.1	404.5
60°	288.1	299.9	320.7	356.2
62.5°	253.6	263.4	283.2	311.8
65°	223.0	230.9	245.7	270.3
67.5°	193.4	198.3	210.2	229.9
70°	164.8	168.7	178.6	194.4
72.5°	134.2	138.1	149.0	159.8
75°	108.5	109.5	117.4	126.3
77.5°	84.8	83.9	89.8	96.7
80°	58.2	61.2	66.1	69.1
82.5°	39.5	40.5	42.4	44.4
85°	21.7	22.7	22.7	25.7
87.5°	8.9	9.9	9.9	10.9
90°	11.6	8.2	4.8	1.4
92.5°	31.0	32.2	33.5	34.7
95°	59.7	69.8	80.0	90.2
97.5°	86.5	111.8	137.0	162.3
100°	118.9	161.1	203.4	245.6
102.5°	335.3	336.0	336.6	337.2
105°	449.5	440.3	431.0	421.8
107.5°	543.4	535.7	528.0	520.3
110°	634.1	627.6	621.2	614.7



TEST NUMBER: P1029634

CATALOG NUMBER: S122DIW-B675D1440UB2750-4F0-XX-W2A-A_5000K

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
112.5°	720.2	714.6	709.1	703.5
115°	813.5	808.3	803.0	797.8
117.5°	898.2	892.0	885.9	879.7
120°	985.2	980.5	975.9	971.3
122.5°	1063.8	1058.9	1053.9	1049.0
125°	1140.1	1136.1	1132.1	1128.1
127.5°	1213.1	1208.8	1204.5	1200.2
130°	1283.0	1278.1	1273.1	1268.2
132.5°	1349.6	1345.6	1341.6	1337.6
135°	1410.7	1405.8	1400.8	1395.9
137.5°	1468.0	1464.3	1460.6	1456.9
140°	1524.0	1521.5	1519.1	1516.6
142.5°	1573.0	1570.8	1568.7	1566.5
145°	1618.3	1618.6	1618.9	1619.2
147.5°	1662.3	1663.2	1664.1	1665.0
150°	1702.9	1705.1	1707.2	1709.4
152.5°	1739.5	1742.0	1744.4	1746.9
155°	1774.7	1777.4	1780.2	1783.0
157.5°	1804.7	1807.2	1809.6	1812.1
160°	1831.6	1833.4	1835.3	1837.1
162.5°	1853.8	1855.6	1857.5	1859.3
165°	1873.2	1875.0	1876.9	1878.7
167.5°	1888.5	1890.3	1892.2	1894.0
170°	1900.9	1902.8	1904.6	1906.5
172.5°	1909.3	1911.1	1913.0	1914.8
175°	1915.2	1917.4	1919.5	1921.7
177.5°	1918.0	1920.2	1922.3	1924.5
180°	1917.6	1917.6	1917.6	1917.6

(END OF REPORT)