

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: P1029627

Luminaire Tested: S122DIW-B675D1440UB2750-4F0-XX-W2A-A1_3500K

Issue Date: 5/6/2025

Test Information

Test Method: LM-79-2019
Report Number: P1029627
REPORT IS A COMBINATION OF REPORTS P986469 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-A1_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

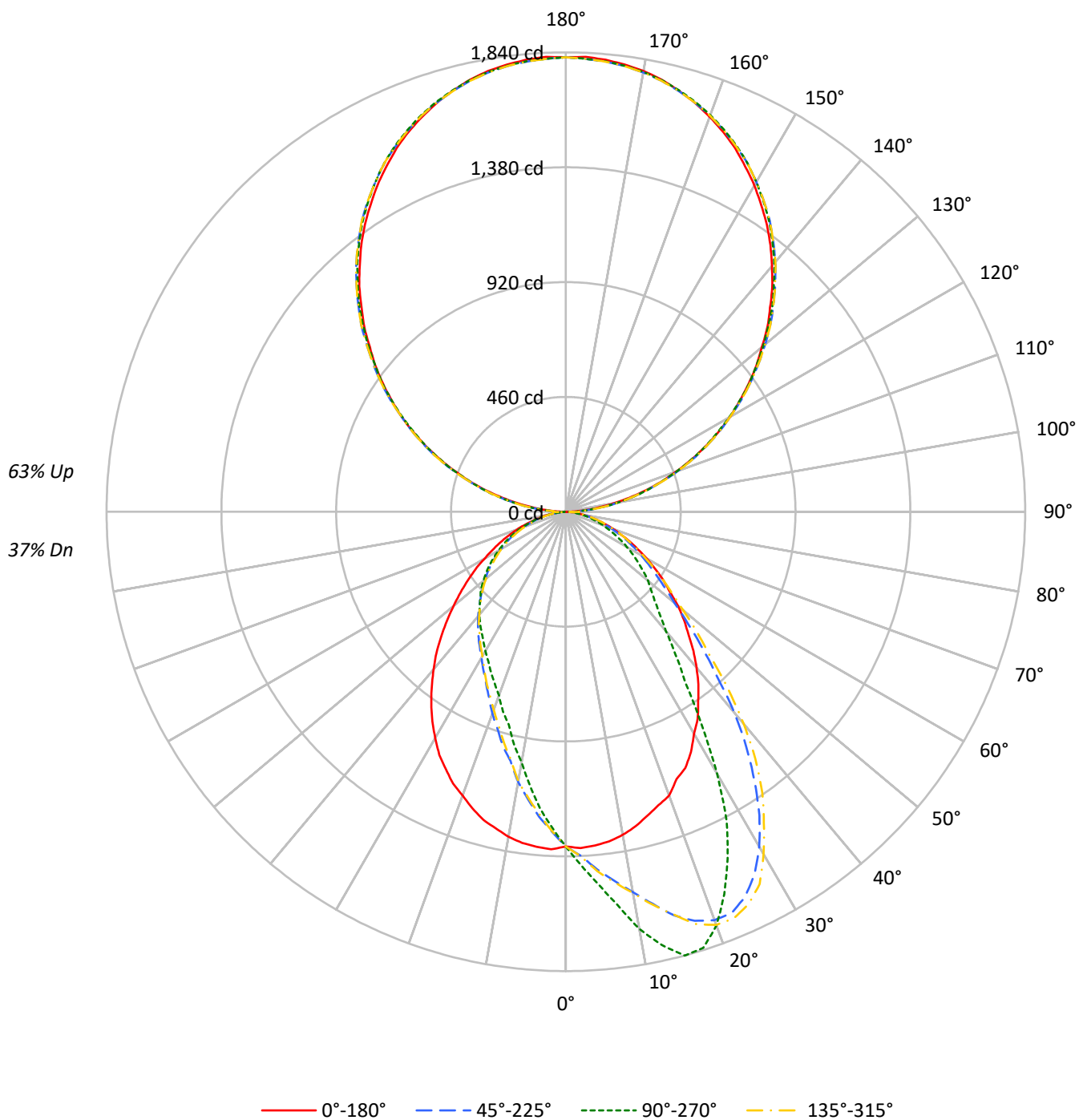
Lumens per Lamp: N/A
Luminaire Lumens: 8053.0 lumens
Efficiency: N/A
Efficacy: 91.4 lumens/watt
Spacing Criteria (0/90/45): 1.16 / 1.09 / 1.23
Luminous Opening: Rectangular w/ Sides (W: 0.17' x L: 4' x H: 0.1')
CIE Type: Semi-Indirect

Input Watts (W): 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: P1029627

CATALOG NUMBER: S122DIW-B675D1440UB2750-4F0-XX-W2A-A1_3500K

Luminous Intensity Polar Plot



TEST NUMBER: P1029627

CATALOG NUMBER: S122DIW-B675D1440UB2750-4F0-XX-W2A-A1_3500K

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20					20					20					20
RC	80				70					50					30					0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10
RCR																				
0	104	104	104	104	94	94	94	94	76	76	76	59	59	59	44	44	44	37		
1	95	91	87	84	86	83	80	77	67	65	63	53	51	50	39	39	38	32		
2	87	80	74	69	79	73	68	64	59	56	53	47	44	42	35	34	32	27		
3	79	71	64	58	72	64	58	53	52	48	45	42	39	36	31	30	28	23		
4	73	63	55	49	66	57	51	46	47	42	38	37	34	31	28	26	24	20		
5	67	56	48	42	61	51	44	39	42	37	33	34	30	27	26	23	21	18		
6	62	50	42	37	56	46	39	34	38	33	29	30	27	24	23	21	19	16		
7	57	45	38	32	52	42	35	30	34	29	26	28	24	21	21	19	17	14		
8	53	41	34	29	48	38	31	27	31	26	23	25	22	19	20	17	15	13		
9	49	38	30	25	45	35	28	24	29	24	20	23	20	17	18	16	14	12		
10	46	34	27	23	42	32	26	21	27	22	18	22	18	16	17	15	13	11		

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: P1029627

CATALOG NUMBER: S122DIW-B675D1440UB2750-4F0-XX-W2A-A1_3500K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	127.7	1.6
10°-20°	371.7	4.6
20°-30°	539.4	6.7
30°-40°	568.7	7.1
40°-50°	503.2	6.2
50°-60°	401.8	5.0
60°-70°	272.9	3.4
70°-80°	139.6	1.7
80°-90°	38.2	0.5
90°-100°	112.6	1.4
100°-110°	358.0	4.4
110°-120°	612.6	7.6
120°-130°	805.7	10.0
130°-140°	904.3	11.2
140°-150°	886.9	11.0
150°-160°	743.9	9.2
160°-170°	493.4	6.1
170°-180°	172.4	2.1
0°-30°	1038.8	12.9
0°-40°	1607.5	20.0
0°-60°	2512.4	31.2
0°-90°	2963.2	36.8
90°-120°	1083.2	13.5
90°-150°	3680.1	45.7
90°-180°	5090.0	63.2
0°-180°	8053.0	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°	2	52	2	52	2	7
95°	80	95	80	95	80	89
105°	330	341	330	341	330	349
115°	614	614	614	614	614	608
125°	894	897	894	897	894	799
135°	1157	1171	1157	1171	1157	894
145°	1404	1420	1404	1420	1404	877
155°	1605	1618	1605	1618	1605	739
165°	1747	1748	1747	1748	1747	493
175°	1817	1811	1817	1811	1817	173
180°	1820	1820	1820	1820	1820	

TEST NUMBER: P1029627

CATALOG NUMBER: S122DIW-B675D1440UB2750-4F0-XX-W2A-A1_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°	1.5	5.6	9.7	13.8	17.9	20.0	23.8	31.3	38.8	46.3	53.8
92.5°	33.8	36.5	39.3	42.0	44.7	46.1	46.3	46.6	46.9	47.3	47.6
95°	79.9	83.3	86.7	90.2	93.6	95.3	95.6	96.3	97.0	97.6	98.3
97.5°	133.7	136.8	139.8	142.9	146.0	147.5	148.2	149.5	150.9	152.2	153.6
100°	195.1	197.8	200.6	203.3	206.0	207.4	207.9	208.9	210.0	211.0	212.0
102.5°	259.6	261.7	263.7	265.8	267.9	268.9	269.6	270.9	272.3	273.6	275.0
105°	330.3	331.3	332.3	333.4	334.4	334.9	335.2	335.9	336.6	337.3	338.0
107.5°	401.0	402.4	403.7	405.1	406.4	407.1	407.1	407.1	407.1	407.1	407.1
110°	468.6	470.6	472.7	474.7	476.8	477.8	477.8	477.8	477.8	477.8	477.8

TEST NUMBER: P1029627

CATALOG NUMBER: S122DIW-B675D1440UB2750-4F0-XX-W2A-A1_3500K

CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	542.3	544.3	546.4	548.4	550.5	551.5	551.3	551.0	550.7	550.3	550.0
115°	614.5	616.5	618.6	620.6	622.7	623.7	623.4	622.7	622.0	621.4	620.7
117.5°	686.7	689.4	692.2	694.9	697.6	699.0	698.1	696.4	694.7	693.0	691.3
120°	758.9	761.6	764.4	767.1	769.8	771.2	769.8	767.1	764.4	761.6	758.9
122.5°	825.0	828.4	831.8	835.3	838.7	840.4	839.5	837.8	836.1	834.4	832.7
125°	894.1	897.2	900.3	903.4	906.5	908.0	907.5	906.4	905.4	904.3	903.3
127.5°	961.7	965.5	969.2	973.0	976.7	978.6	977.9	976.6	975.2	973.9	972.5
130°	1024.7	1029.1	1033.6	1038.0	1042.5	1044.7	1044.4	1043.7	1043.0	1042.3	1041.6
132.5°	1095.4	1098.8	1102.2	1105.6	1109.0	1110.7	1110.9	1111.2	1111.6	1111.9	1112.3
135°	1156.8	1160.6	1164.3	1168.1	1171.8	1173.7	1174.0	1174.7	1175.4	1176.1	1176.8
137.5°	1224.4	1227.5	1230.6	1233.7	1236.8	1238.3	1238.6	1239.3	1240.0	1240.6	1241.3
140°	1284.3	1287.4	1290.5	1293.6	1296.7	1298.2	1299.1	1300.8	1302.5	1304.2	1305.9
142.5°	1345.8	1348.9	1351.9	1355.0	1358.1	1359.6	1360.1	1361.1	1362.2	1363.2	1364.2
145°	1404.2	1406.6	1409.0	1411.3	1413.7	1414.9	1415.9	1418.0	1420.1	1422.1	1424.2
147.5°	1456.4	1459.5	1462.5	1465.6	1468.7	1470.2	1470.9	1472.3	1473.6	1475.0	1476.4
150°	1510.2	1512.2	1514.3	1516.3	1518.4	1519.4	1520.1	1521.4	1522.8	1524.1	1525.5
152.5°	1557.8	1559.8	1561.9	1563.9	1566.0	1567.0	1567.9	1569.6	1571.3	1573.0	1574.7
155°	1605.4	1606.4	1607.4	1608.5	1609.5	1610.0	1610.5	1611.6	1612.6	1613.7	1614.7
157.5°	1646.9	1647.6	1648.3	1649.0	1649.7	1650.0	1650.3	1651.0	1651.7	1652.4	1653.1
160°	1683.8	1684.5	1685.2	1685.9	1686.6	1686.9	1687.1	1687.4	1687.7	1688.1	1688.4
162.5°	1717.6	1717.6	1717.6	1717.6	1717.6	1717.6	1717.8	1718.1	1718.4	1718.8	1719.1
165°	1746.8	1746.4	1746.1	1745.7	1745.4	1745.2	1745.2	1745.2	1745.2	1745.2	1745.2
167.5°	1772.9	1771.9	1770.9	1769.8	1768.8	1768.3	1768.3	1768.3	1768.3	1768.3	1768.3
170°	1792.9	1791.9	1790.9	1789.8	1788.8	1788.3	1788.1	1787.8	1787.4	1787.1	1786.7
172.5°	1806.7	1805.7	1804.7	1803.6	1802.6	1802.1	1801.9	1801.6	1801.2	1800.9	1800.5
175°	1817.4	1816.4	1815.4	1814.3	1813.3	1812.8	1812.5	1811.8	1811.1	1810.5	1809.8
177.5°	1823.6	1822.6	1821.6	1820.5	1819.5	1819.0	1818.7	1818.0	1817.3	1816.6	1815.9
180°	1820.5	1820.5	1820.5	1820.5	1820.5	1820.5	1820.5	1820.5	1820.5	1820.5	1820.5

TEST NUMBER: P1029627

CATALOG NUMBER: S122DIW-B675D1440UB2750-4F0-XX-W2A-A1_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°	53.1	52.4	51.7	51.0	50.7	50.9	51.2	51.5	51.9	52.2	51.9
92.5°	48.0	48.3	48.7	49.0	49.2	49.2	49.2	49.2	49.2	49.2	49.2
95°	98.3	98.3	98.3	98.3	98.3	98.0	97.3	96.6	96.0	95.3	96.0
97.5°	153.6	153.6	153.6	153.6	153.6	153.6	153.6	153.6	153.6	153.6	153.6
100°	212.0	212.0	212.0	212.0	212.0	211.8	211.5	211.2	210.8	210.5	210.8
102.5°	275.3	275.7	276.0	276.3	276.5	276.3	276.0	275.7	275.3	275.0	275.3
105°	338.7	339.4	340.1	340.8	341.1	341.1	341.1	341.1	341.1	341.1	341.1
107.5°	407.5	407.8	408.2	408.5	408.7	407.8	406.1	404.4	402.7	401.0	402.7
110°	477.8	477.8	477.8	477.8	477.8	477.3	476.3	475.2	474.2	473.2	474.2

TEST NUMBER: P1029627

CATALOG NUMBER: S122DIW-B675D1440UB2750-4F0-XX-W2A-A1_3500K

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	549.0	548.0	546.9	545.9	545.4	545.1	544.4	543.7	543.0	542.3	543.0
115°	620.3	620.0	619.6	619.3	619.1	618.6	617.6	616.5	615.5	614.5	615.5
117.5°	690.3	689.3	688.2	687.2	686.7	686.2	685.2	684.1	683.1	682.1	683.1
120°	758.9	758.9	758.9	758.9	758.9	758.4	757.4	756.3	755.3	754.3	755.3
122.5°	831.7	830.7	829.6	828.6	828.1	827.8	827.1	826.4	825.7	825.0	825.7
125°	902.3	901.3	900.2	899.2	898.7	898.5	898.2	897.9	897.5	897.2	897.5
127.5°	971.1	969.7	968.4	967.0	966.3	965.8	964.8	963.7	962.7	961.7	962.7
130°	1040.9	1040.2	1039.5	1038.8	1038.5	1037.8	1036.5	1035.1	1033.8	1032.4	1033.8
132.5°	1110.6	1108.9	1107.2	1105.5	1104.6	1104.1	1103.1	1102.0	1101.0	1100.0	1101.0
135°	1176.5	1176.1	1175.8	1175.5	1175.3	1174.8	1173.8	1172.7	1171.7	1170.7	1171.7
137.5°	1241.0	1240.6	1240.3	1240.0	1239.8	1239.1	1237.7	1236.4	1235.0	1233.6	1235.0
140°	1305.9	1305.9	1305.9	1305.9	1305.9	1305.2	1303.8	1302.5	1301.1	1299.7	1301.1
142.5°	1364.6	1364.9	1365.3	1365.6	1365.8	1365.1	1363.7	1362.4	1361.0	1359.6	1361.0
145°	1424.5	1424.9	1425.2	1425.5	1425.7	1425.0	1423.6	1422.3	1420.9	1419.5	1420.9
147.5°	1477.1	1477.8	1478.5	1479.2	1479.5	1478.8	1477.4	1476.1	1474.7	1473.3	1474.7
150°	1526.5	1527.6	1528.6	1529.7	1530.2	1529.7	1528.6	1527.6	1526.5	1525.5	1526.5
152.5°	1576.1	1577.5	1578.8	1580.2	1580.9	1580.2	1578.8	1577.5	1576.1	1574.7	1576.1
155°	1616.4	1618.1	1619.8	1621.5	1622.3	1621.8	1620.8	1619.7	1618.7	1617.7	1618.7
157.5°	1655.5	1657.9	1660.2	1662.6	1663.8	1662.9	1661.2	1659.5	1657.8	1656.1	1657.8
160°	1690.4	1692.5	1694.5	1696.6	1697.6	1696.9	1695.6	1694.2	1692.9	1691.5	1692.9
162.5°	1721.5	1723.9	1726.3	1728.7	1729.9	1729.0	1727.3	1725.6	1723.9	1722.2	1723.9
165°	1747.6	1750.0	1752.4	1754.8	1756.0	1755.1	1753.4	1751.7	1750.0	1748.3	1750.0
167.5°	1770.7	1773.1	1775.4	1777.8	1779.0	1778.2	1776.5	1774.8	1773.1	1771.4	1773.1
170°	1789.1	1791.5	1793.9	1796.3	1797.5	1796.5	1794.4	1792.4	1790.3	1788.3	1790.3
172.5°	1802.9	1805.3	1807.7	1810.1	1811.3	1810.3	1808.2	1806.2	1804.1	1802.1	1804.1
175°	1812.2	1814.6	1816.9	1819.3	1820.5	1819.5	1817.4	1815.4	1813.3	1811.3	1813.3
177.5°	1817.9	1820.0	1822.0	1824.1	1825.1	1824.1	1822.0	1820.0	1817.9	1815.9	1817.9
180°	1820.5	1820.5	1820.5	1820.5	1820.5	1820.5	1820.5	1820.5	1820.5	1820.5	1820.5

TEST NUMBER: P1029627

CATALOG NUMBER: S122DIW-B675D1440UB2750-4F0-XX-W2A-A1_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°	51.5	51.2	50.9	50.7	51.0	51.7	52.4	53.1	53.8	46.3	38.8
92.5°	49.2	49.2	49.2	49.2	49.0	48.7	48.3	48.0	47.6	47.3	46.9
95°	96.6	97.3	98.0	98.3	98.3	98.3	98.3	98.3	98.3	97.6	97.0
97.5°	153.6	153.6	153.6	153.6	153.6	153.6	153.6	153.6	153.6	152.2	150.9
100°	211.2	211.5	211.8	212.0	212.0	212.0	212.0	212.0	212.0	211.0	210.0
102.5°	275.7	276.0	276.3	276.5	276.3	276.0	275.7	275.3	275.0	273.6	272.3
105°	341.1	341.1	341.1	341.1	340.8	340.1	339.4	338.7	338.0	337.3	336.6
107.5°	404.4	406.1	407.8	408.7	408.5	408.2	407.8	407.5	407.1	407.1	407.1
110°	475.2	476.3	477.3	477.8	477.8	477.8	477.8	477.8	477.8	477.8	477.8

TEST NUMBER: P1029627

CATALOG NUMBER: S122DIW-B675D1440UB2750-4F0-XX-W2A-A1_3500K

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	543.7	544.4	545.1	545.4	545.9	546.9	548.0	549.0	550.0	550.3	550.7
115°	616.5	617.6	618.6	619.1	619.3	619.6	620.0	620.3	620.7	621.4	622.0
117.5°	684.1	685.2	686.2	686.7	687.2	688.2	689.3	690.3	691.3	693.0	694.7
120°	756.3	757.4	758.4	758.9	758.9	758.9	758.9	758.9	758.9	761.6	764.4
122.5°	826.4	827.1	827.8	828.1	828.6	829.6	830.7	831.7	832.7	834.4	836.1
125°	897.9	898.2	898.5	898.7	899.2	900.2	901.3	902.3	903.3	904.3	905.4
127.5°	963.7	964.8	965.8	966.3	967.0	968.4	969.7	971.1	972.5	973.9	975.2
130°	1035.1	1036.5	1037.8	1038.5	1038.8	1039.5	1040.2	1040.9	1041.6	1042.3	1043.0
132.5°	1102.0	1103.1	1104.1	1104.6	1105.5	1107.2	1108.9	1110.6	1112.3	1111.9	1111.6
135°	1172.7	1173.8	1174.8	1175.3	1175.5	1175.8	1176.1	1176.5	1176.8	1176.1	1175.4
137.5°	1236.4	1237.7	1239.1	1239.8	1240.0	1240.3	1240.6	1241.0	1241.3	1240.6	1240.0
140°	1302.5	1303.8	1305.2	1305.9	1305.9	1305.9	1305.9	1305.9	1305.9	1304.2	1302.5
142.5°	1362.4	1363.7	1365.1	1365.8	1365.6	1365.3	1364.9	1364.6	1364.2	1363.2	1362.2
145°	1422.3	1423.6	1425.0	1425.7	1425.5	1425.2	1424.9	1424.5	1424.2	1422.1	1420.1
147.5°	1476.1	1477.4	1478.8	1479.5	1479.2	1478.5	1477.8	1477.1	1476.4	1475.0	1473.6
150°	1527.6	1528.6	1529.7	1530.2	1529.7	1528.6	1527.6	1526.5	1525.5	1524.1	1522.8
152.5°	1577.5	1578.8	1580.2	1580.9	1580.2	1578.8	1577.5	1576.1	1574.7	1573.0	1571.3
155°	1619.7	1620.8	1621.8	1622.3	1621.5	1619.8	1618.1	1616.4	1614.7	1613.7	1612.6
157.5°	1659.5	1661.2	1662.9	1663.8	1662.6	1660.2	1657.9	1655.5	1653.1	1652.4	1651.7
160°	1694.2	1695.6	1696.9	1697.6	1696.6	1694.5	1692.5	1690.4	1688.4	1688.1	1687.7
162.5°	1725.6	1727.3	1729.0	1729.9	1728.7	1726.3	1723.9	1721.5	1719.1	1718.8	1718.4
165°	1751.7	1753.4	1755.1	1756.0	1754.8	1752.4	1750.0	1747.6	1745.2	1745.2	1745.2
167.5°	1774.8	1776.5	1778.2	1779.0	1777.8	1775.4	1773.1	1770.7	1768.3	1768.3	1768.3
170°	1792.4	1794.4	1796.5	1797.5	1796.3	1793.9	1791.5	1789.1	1786.7	1787.1	1787.4
172.5°	1806.2	1808.2	1810.3	1811.3	1810.1	1807.7	1805.3	1802.9	1800.5	1800.9	1801.2
175°	1815.4	1817.4	1819.5	1820.5	1819.3	1816.9	1814.6	1812.2	1809.8	1810.5	1811.1
177.5°	1820.0	1822.0	1824.1	1825.1	1824.1	1822.0	1820.0	1817.9	1815.9	1816.6	1817.3
180°	1820.5	1820.5	1820.5	1820.5	1820.5	1820.5	1820.5	1820.5	1820.5	1820.5	1820.5

TEST NUMBER: P1029627

CATALOG NUMBER: S122DIW-B675D1440UB2750-4F0-XX-W2A-A1_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°	31.3	23.8	20.0	17.9	13.8	9.7	5.6	1.5	5.6	9.7	13.8
92.5°	46.6	46.3	46.1	44.7	42.0	39.3	36.5	33.8	36.5	39.3	42.0
95°	96.3	95.6	95.3	93.6	90.2	86.7	83.3	79.9	83.3	86.7	90.2
97.5°	149.5	148.2	147.5	146.0	142.9	139.8	136.8	133.7	136.8	139.8	142.9
100°	208.9	207.9	207.4	206.0	203.3	200.6	197.8	195.1	197.8	200.6	203.3
102.5°	270.9	269.6	268.9	267.9	265.8	263.7	261.7	259.6	261.7	263.7	265.8
105°	335.9	335.2	334.9	334.4	333.4	332.3	331.3	330.3	331.3	332.3	333.4
107.5°	407.1	407.1	407.1	406.4	405.1	403.7	402.4	401.0	402.4	403.7	405.1
110°	477.8	477.8	477.8	476.8	474.7	472.7	470.6	468.6	470.6	472.7	474.7

TEST NUMBER: P1029627

CATALOG NUMBER: S122DIW-B675D1440UB2750-4F0-XX-W2A-A1_3500K

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
112.5°	551.0	551.3	551.5	550.5	548.4	546.4	544.3	542.3	544.3	546.4	548.4
115°	622.7	623.4	623.7	622.7	620.6	618.6	616.5	614.5	616.5	618.6	620.6
117.5°	696.4	698.1	699.0	697.6	694.9	692.2	689.4	686.7	689.4	692.2	694.9
120°	767.1	769.8	771.2	769.8	767.1	764.4	761.6	758.9	761.6	764.4	767.1
122.5°	837.8	839.5	840.4	838.7	835.3	831.8	828.4	825.0	828.4	831.8	835.3
125°	906.4	907.5	908.0	906.5	903.4	900.3	897.2	894.1	897.2	900.3	903.4
127.5°	976.6	977.9	978.6	976.7	973.0	969.2	965.5	961.7	965.5	969.2	973.0
130°	1043.7	1044.4	1044.7	1042.5	1038.0	1033.6	1029.1	1024.7	1029.1	1033.6	1038.0
132.5°	1111.2	1110.9	1110.7	1109.0	1105.6	1102.2	1098.8	1095.4	1098.8	1102.2	1105.6
135°	1174.7	1174.0	1173.7	1171.8	1168.1	1164.3	1160.6	1156.8	1160.6	1164.3	1168.1
137.5°	1239.3	1238.6	1238.3	1236.8	1233.7	1230.6	1227.5	1224.4	1227.5	1230.6	1233.7
140°	1300.8	1299.1	1298.2	1296.7	1293.6	1290.5	1287.4	1284.3	1287.4	1290.5	1293.6
142.5°	1361.1	1360.1	1359.6	1358.1	1355.0	1351.9	1348.9	1345.8	1348.9	1351.9	1355.0
145°	1418.0	1415.9	1414.9	1413.7	1411.3	1409.0	1406.6	1404.2	1406.6	1409.0	1411.3
147.5°	1472.3	1470.9	1470.2	1468.7	1465.6	1462.5	1459.5	1456.4	1459.5	1462.5	1465.6
150°	1521.4	1520.1	1519.4	1518.4	1516.3	1514.3	1512.2	1510.2	1512.2	1514.3	1516.3
152.5°	1569.6	1567.9	1567.0	1566.0	1563.9	1561.9	1559.8	1557.8	1559.8	1561.9	1563.9
155°	1611.6	1610.5	1610.0	1609.5	1608.5	1607.4	1606.4	1605.4	1606.4	1607.4	1608.5
157.5°	1651.0	1650.3	1650.0	1649.7	1649.0	1648.3	1647.6	1646.9	1647.6	1648.3	1649.0
160°	1687.4	1687.1	1686.9	1686.6	1685.9	1685.2	1684.5	1683.8	1684.5	1685.2	1685.9
162.5°	1718.1	1717.8	1717.6	1717.6	1717.6	1717.6	1717.6	1717.6	1717.6	1717.6	1717.6
165°	1745.2	1745.2	1745.2	1745.4	1745.7	1746.1	1746.4	1746.8	1746.4	1746.1	1745.7
167.5°	1768.3	1768.3	1768.3	1768.8	1769.8	1770.9	1771.9	1772.9	1771.9	1770.9	1769.8
170°	1787.8	1788.1	1788.3	1788.8	1789.8	1790.9	1791.9	1792.9	1791.9	1790.9	1789.8
172.5°	1801.6	1801.9	1802.1	1802.6	1803.6	1804.7	1805.7	1806.7	1805.7	1804.7	1803.6
175°	1811.8	1812.5	1812.8	1813.3	1814.3	1815.4	1816.4	1817.4	1816.4	1815.4	1814.3
177.5°	1818.0	1818.7	1819.0	1819.5	1820.5	1821.6	1822.6	1823.6	1822.6	1821.6	1820.5
180°	1820.5	1820.5	1820.5	1820.5	1820.5	1820.5	1820.5	1820.5	1820.5	1820.5	1820.5

TEST NUMBER: P1029627

CATALOG NUMBER: S122DIW-B675D1440UB2750-4F0-XX-W2A-A1_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°	17.9	20.0	23.8	31.3	38.8	46.3	53.8	53.1	52.4	51.7	51.0
92.5°	44.7	46.1	46.3	46.6	46.9	47.3	47.6	48.0	48.3	48.7	49.0
95°	93.6	95.3	95.6	96.3	97.0	97.6	98.3	98.3	98.3	98.3	98.3
97.5°	146.0	147.5	148.2	149.5	150.9	152.2	153.6	153.6	153.6	153.6	153.6
100°	206.0	207.4	207.9	208.9	210.0	211.0	212.0	212.0	212.0	212.0	212.0
102.5°	267.9	268.9	269.6	270.9	272.3	273.6	275.0	275.3	275.7	276.0	276.3
105°	334.4	334.9	335.2	335.9	336.6	337.3	338.0	338.7	339.4	340.1	340.8
107.5°	406.4	407.1	407.1	407.1	407.1	407.1	407.1	407.5	407.8	408.2	408.5
110°	476.8	477.8	477.8	477.8	477.8	477.8	477.8	477.8	477.8	477.8	477.8

TEST NUMBER: P1029627

CATALOG NUMBER: S122DIW-B675D1440UB2750-4F0-XX-W2A-A1_3500K

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
112.5°	550.5	551.5	551.3	551.0	550.7	550.3	550.0	549.0	548.0	546.9	545.9
115°	622.7	623.7	623.4	622.7	622.0	621.4	620.7	620.3	620.0	619.6	619.3
117.5°	697.6	699.0	698.1	696.4	694.7	693.0	691.3	690.3	689.3	688.2	687.2
120°	769.8	771.2	769.8	767.1	764.4	761.6	758.9	758.9	758.9	758.9	758.9
122.5°	838.7	840.4	839.5	837.8	836.1	834.4	832.7	831.7	830.7	829.6	828.6
125°	906.5	908.0	907.5	906.4	905.4	904.3	903.3	902.3	901.3	900.2	899.2
127.5°	976.7	978.6	977.9	976.6	975.2	973.9	972.5	971.1	969.7	968.4	967.0
130°	1042.5	1044.7	1044.4	1043.7	1043.0	1042.3	1041.6	1040.9	1040.2	1039.5	1038.8
132.5°	1109.0	1110.7	1110.9	1111.2	1111.6	1111.9	1112.3	1110.6	1108.9	1107.2	1105.5
135°	1171.8	1173.7	1174.0	1174.7	1175.4	1176.1	1176.8	1176.5	1176.1	1175.8	1175.5
137.5°	1236.8	1238.3	1238.6	1239.3	1240.0	1240.6	1241.3	1241.0	1240.6	1240.3	1240.0
140°	1296.7	1298.2	1299.1	1300.8	1302.5	1304.2	1305.9	1305.9	1305.9	1305.9	1305.9
142.5°	1358.1	1359.6	1360.1	1361.1	1362.2	1363.2	1364.2	1364.6	1364.9	1365.3	1365.6
145°	1413.7	1414.9	1415.9	1418.0	1420.1	1422.1	1424.2	1424.5	1424.9	1425.2	1425.5
147.5°	1468.7	1470.2	1470.9	1472.3	1473.6	1475.0	1476.4	1477.1	1477.8	1478.5	1479.2
150°	1518.4	1519.4	1520.1	1521.4	1522.8	1524.1	1525.5	1526.5	1527.6	1528.6	1529.7
152.5°	1566.0	1567.0	1567.9	1569.6	1571.3	1573.0	1574.7	1576.1	1577.5	1578.8	1580.2
155°	1609.5	1610.0	1610.5	1611.6	1612.6	1613.7	1614.7	1616.4	1618.1	1619.8	1621.5
157.5°	1649.7	1650.0	1650.3	1651.0	1651.7	1652.4	1653.1	1655.5	1657.9	1660.2	1662.6
160°	1686.6	1686.9	1687.1	1687.4	1687.7	1688.1	1688.4	1690.4	1692.5	1694.5	1696.6
162.5°	1717.6	1717.6	1717.8	1718.1	1718.4	1718.8	1719.1	1721.5	1723.9	1726.3	1728.7
165°	1745.4	1745.2	1745.2	1745.2	1745.2	1745.2	1745.2	1747.6	1750.0	1752.4	1754.8
167.5°	1768.8	1768.3	1768.3	1768.3	1768.3	1768.3	1768.3	1770.7	1773.1	1775.4	1777.8
170°	1788.8	1788.3	1788.1	1787.8	1787.4	1787.1	1786.7	1789.1	1791.5	1793.9	1796.3
172.5°	1802.6	1802.1	1801.9	1801.6	1801.2	1800.9	1800.5	1802.9	1805.3	1807.7	1810.1
175°	1813.3	1812.8	1812.5	1811.8	1811.1	1810.5	1809.8	1812.2	1814.6	1816.9	1819.3
177.5°	1819.5	1819.0	1818.7	1818.0	1817.3	1816.6	1815.9	1817.9	1820.0	1822.0	1824.1
180°	1820.5	1820.5	1820.5	1820.5	1820.5	1820.5	1820.5	1820.5	1820.5	1820.5	1820.5

TEST NUMBER: P1029627

CATALOG NUMBER: S122DIW-B675D1440UB2750-4F0-XX-W2A-A1_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°	50.7	50.9	51.2	51.5	51.9	52.2	51.9	51.5	51.2	50.9	50.7
92.5°	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2
95°	98.3	98.0	97.3	96.6	96.0	95.3	96.0	96.6	97.3	98.0	98.3
97.5°	153.6	153.6	153.6	153.6	153.6	153.6	153.6	153.6	153.6	153.6	153.6
100°	212.0	211.8	211.5	211.2	210.8	210.5	210.8	211.2	211.5	211.8	212.0
102.5°	276.5	276.3	276.0	275.7	275.3	275.0	275.3	275.7	276.0	276.3	276.5
105°	341.1	341.1	341.1	341.1	341.1	341.1	341.1	341.1	341.1	341.1	341.1
107.5°	408.7	407.8	406.1	404.4	402.7	401.0	402.7	404.4	406.1	407.8	408.7
110°	477.8	477.3	476.3	475.2	474.2	473.2	474.2	475.2	476.3	477.3	477.8

TEST NUMBER: P1029627

CATALOG NUMBER: S122DIW-B675D1440UB2750-4F0-XX-W2A-A1_3500K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
112.5°	545.4	545.1	544.4	543.7	543.0	542.3	543.0	543.7	544.4	545.1	545.4
115°	619.1	618.6	617.6	616.5	615.5	614.5	615.5	616.5	617.6	618.6	619.1
117.5°	686.7	686.2	685.2	684.1	683.1	682.1	683.1	684.1	685.2	686.2	686.7
120°	758.9	758.4	757.4	756.3	755.3	754.3	755.3	756.3	757.4	758.4	758.9
122.5°	828.1	827.8	827.1	826.4	825.7	825.0	825.7	826.4	827.1	827.8	828.1
125°	898.7	898.5	898.2	897.9	897.5	897.2	897.5	897.9	898.2	898.5	898.7
127.5°	966.3	965.8	964.8	963.7	962.7	961.7	962.7	963.7	964.8	965.8	966.3
130°	1038.5	1037.8	1036.5	1035.1	1033.8	1032.4	1033.8	1035.1	1036.5	1037.8	1038.5
132.5°	1104.6	1104.1	1103.1	1102.0	1101.0	1100.0	1101.0	1102.0	1103.1	1104.1	1104.6
135°	1175.3	1174.8	1173.8	1172.7	1171.7	1170.7	1171.7	1172.7	1173.8	1174.8	1175.3
137.5°	1239.8	1239.1	1237.7	1236.4	1235.0	1233.6	1235.0	1236.4	1237.7	1239.1	1239.8
140°	1305.9	1305.2	1303.8	1302.5	1301.1	1299.7	1301.1	1302.5	1303.8	1305.2	1305.9
142.5°	1365.8	1365.1	1363.7	1362.4	1361.0	1359.6	1361.0	1362.4	1363.7	1365.1	1365.8
145°	1425.7	1425.0	1423.6	1422.3	1420.9	1419.5	1420.9	1422.3	1423.6	1425.0	1425.7
147.5°	1479.5	1478.8	1477.4	1476.1	1474.7	1473.3	1474.7	1476.1	1477.4	1478.8	1479.5
150°	1530.2	1529.7	1528.6	1527.6	1526.5	1525.5	1526.5	1527.6	1528.6	1529.7	1530.2
152.5°	1580.9	1580.2	1578.8	1577.5	1576.1	1574.7	1576.1	1577.5	1578.8	1580.2	1580.9
155°	1622.3	1621.8	1620.8	1619.7	1618.7	1617.7	1618.7	1619.7	1620.8	1621.8	1622.3
157.5°	1663.8	1662.9	1661.2	1659.5	1657.8	1656.1	1657.8	1659.5	1661.2	1662.9	1663.8
160°	1697.6	1696.9	1695.6	1694.2	1692.9	1691.5	1692.9	1694.2	1695.6	1696.9	1697.6
162.5°	1729.9	1729.0	1727.3	1725.6	1723.9	1722.2	1723.9	1725.6	1727.3	1729.0	1729.9
165°	1756.0	1755.1	1753.4	1751.7	1750.0	1748.3	1750.0	1751.7	1753.4	1755.1	1756.0
167.5°	1779.0	1778.2	1776.5	1774.8	1773.1	1771.4	1773.1	1774.8	1776.5	1778.2	1779.0
170°	1797.5	1796.5	1794.4	1792.4	1790.3	1788.3	1790.3	1792.4	1794.4	1796.5	1797.5
172.5°	1811.3	1810.3	1808.2	1806.2	1804.1	1802.1	1804.1	1806.2	1808.2	1810.3	1811.3
175°	1820.5	1819.5	1817.4	1815.4	1813.3	1811.3	1813.3	1815.4	1817.4	1819.5	1820.5
177.5°	1825.1	1824.1	1822.0	1820.0	1817.9	1815.9	1817.9	1820.0	1822.0	1824.1	1825.1
180°	1820.5	1820.5	1820.5	1820.5	1820.5	1820.5	1820.5	1820.5	1820.5	1820.5	1820.5

TEST NUMBER: P1029627

CATALOG NUMBER: S122DIW-B675D1440UB2750-4F0-XX-W2A-A1_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°	51.0	51.7	52.4	53.1	53.8	46.3	38.8	31.3	23.8	20.0	17.9
92.5°	49.0	48.7	48.3	48.0	47.6	47.3	46.9	46.6	46.3	46.1	44.7
95°	98.3	98.3	98.3	98.3	98.3	97.6	97.0	96.3	95.6	95.3	93.6
97.5°	153.6	153.6	153.6	153.6	153.6	152.2	150.9	149.5	148.2	147.5	146.0
100°	212.0	212.0	212.0	212.0	212.0	211.0	210.0	208.9	207.9	207.4	206.0
102.5°	276.3	276.0	275.7	275.3	275.0	273.6	272.3	270.9	269.6	268.9	267.9
105°	340.8	340.1	339.4	338.7	338.0	337.3	336.6	335.9	335.2	334.9	334.4
107.5°	408.5	408.2	407.8	407.5	407.1	407.1	407.1	407.1	407.1	407.1	406.4
110°	477.8	477.8	477.8	477.8	477.8	477.8	477.8	477.8	477.8	477.8	476.8

TEST NUMBER: P1029627

CATALOG NUMBER: S122DIW-B675D1440UB2750-4F0-XX-W2A-A1_3500K

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
112.5°	545.9	546.9	548.0	549.0	550.0	550.3	550.7	551.0	551.3	551.5	550.5
115°	619.3	619.6	620.0	620.3	620.7	621.4	622.0	622.7	623.4	623.7	622.7
117.5°	687.2	688.2	689.3	690.3	691.3	693.0	694.7	696.4	698.1	699.0	697.6
120°	758.9	758.9	758.9	758.9	758.9	761.6	764.4	767.1	769.8	771.2	769.8
122.5°	828.6	829.6	830.7	831.7	832.7	834.4	836.1	837.8	839.5	840.4	838.7
125°	899.2	900.2	901.3	902.3	903.3	904.3	905.4	906.4	907.5	908.0	906.5
127.5°	967.0	968.4	969.7	971.1	972.5	973.9	975.2	976.6	977.9	978.6	976.7
130°	1038.8	1039.5	1040.2	1040.9	1041.6	1042.3	1043.0	1043.7	1044.4	1044.7	1042.5
132.5°	1105.5	1107.2	1108.9	1110.6	1112.3	1111.9	1111.6	1111.2	1110.9	1110.7	1109.0
135°	1175.5	1175.8	1176.1	1176.5	1176.8	1176.1	1175.4	1174.7	1174.0	1173.7	1171.8
137.5°	1240.0	1240.3	1240.6	1241.0	1241.3	1240.6	1240.0	1239.3	1238.6	1238.3	1236.8
140°	1305.9	1305.9	1305.9	1305.9	1305.9	1304.2	1302.5	1300.8	1299.1	1298.2	1296.7
142.5°	1365.6	1365.3	1364.9	1364.6	1364.2	1363.2	1362.2	1361.1	1360.1	1359.6	1358.1
145°	1425.5	1425.2	1424.9	1424.5	1424.2	1422.1	1420.1	1418.0	1415.9	1414.9	1413.7
147.5°	1479.2	1478.5	1477.8	1477.1	1476.4	1475.0	1473.6	1472.3	1470.9	1470.2	1468.7
150°	1529.7	1528.6	1527.6	1526.5	1525.5	1524.1	1522.8	1521.4	1520.1	1519.4	1518.4
152.5°	1580.2	1578.8	1577.5	1576.1	1574.7	1573.0	1571.3	1569.6	1567.9	1567.0	1566.0
155°	1621.5	1619.8	1618.1	1616.4	1614.7	1613.7	1612.6	1611.6	1610.5	1610.0	1609.5
157.5°	1662.6	1660.2	1657.9	1655.5	1653.1	1652.4	1651.7	1651.0	1650.3	1650.0	1649.7
160°	1696.6	1694.5	1692.5	1690.4	1688.4	1688.1	1687.7	1687.4	1687.1	1686.9	1686.6
162.5°	1728.7	1726.3	1723.9	1721.5	1719.1	1718.8	1718.4	1718.1	1717.8	1717.6	1717.6
165°	1754.8	1752.4	1750.0	1747.6	1745.2	1745.2	1745.2	1745.2	1745.2	1745.2	1745.4
167.5°	1777.8	1775.4	1773.1	1770.7	1768.3	1768.3	1768.3	1768.3	1768.3	1768.3	1768.8
170°	1796.3	1793.9	1791.5	1789.1	1786.7	1787.1	1787.4	1787.8	1788.1	1788.3	1788.8
172.5°	1810.1	1807.7	1805.3	1802.9	1800.5	1800.9	1801.2	1801.6	1801.9	1802.1	1802.6
175°	1819.3	1816.9	1814.6	1812.2	1809.8	1810.5	1811.1	1811.8	1812.5	1812.8	1813.3
177.5°	1824.1	1822.0	1820.0	1817.9	1815.9	1816.6	1817.3	1818.0	1818.7	1819.0	1819.5
180°	1820.5	1820.5	1820.5	1820.5	1820.5	1820.5	1820.5	1820.5	1820.5	1820.5	1820.5

TEST NUMBER: P1029627

CATALOG NUMBER: S122DIW-B675D1440UB2750-4F0-XX-W2A-A1_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°	13.8	9.7	5.6	1.5
92.5°	42.0	39.3	36.5	33.8
95°	90.2	86.7	83.3	79.9
97.5°	142.9	139.8	136.8	133.7
100°	203.3	200.6	197.8	195.1
102.5°	265.8	263.7	261.7	259.6
105°	333.4	332.3	331.3	330.3
107.5°	405.1	403.7	402.4	401.0
110°	474.7	472.7	470.6	468.6

TEST NUMBER: P1029627

CATALOG NUMBER: S122DIW-B675D1440UB2750-4F0-XX-W2A-A1_3500K

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
112.5°	548.4	546.4	544.3	542.3
115°	620.6	618.6	616.5	614.5
117.5°	694.9	692.2	689.4	686.7
120°	767.1	764.4	761.6	758.9
122.5°	835.3	831.8	828.4	825.0
125°	903.4	900.3	897.2	894.1
127.5°	973.0	969.2	965.5	961.7
130°	1038.0	1033.6	1029.1	1024.7
132.5°	1105.6	1102.2	1098.8	1095.4
135°	1168.1	1164.3	1160.6	1156.8
137.5°	1233.7	1230.6	1227.5	1224.4
140°	1293.6	1290.5	1287.4	1284.3
142.5°	1355.0	1351.9	1348.9	1345.8
145°	1411.3	1409.0	1406.6	1404.2
147.5°	1465.6	1462.5	1459.5	1456.4
150°	1516.3	1514.3	1512.2	1510.2
152.5°	1563.9	1561.9	1559.8	1557.8
155°	1608.5	1607.4	1606.4	1605.4
157.5°	1649.0	1648.3	1647.6	1646.9
160°	1685.9	1685.2	1684.5	1683.8
162.5°	1717.6	1717.6	1717.6	1717.6
165°	1745.7	1746.1	1746.4	1746.8
167.5°	1769.8	1770.9	1771.9	1772.9
170°	1789.8	1790.9	1791.9	1792.9
172.5°	1803.6	1804.7	1805.7	1806.7
175°	1814.3	1815.4	1816.4	1817.4
177.5°	1820.5	1821.6	1822.6	1823.6
180°	1820.5	1820.5	1820.5	1820.5

(END OF REPORT)