

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: P1029603

Luminaire Tested: S122DIW-B675D1240UB2750-4F0-XX-W2A-A_4000K

Issue Date: 5/6/2025

Test Information

Test Method: LM-79-2019
Report Number: P1029603
REPORT IS A COMBINATION OF REPORTS P986390 AND P1007351
Test Lab: INNOVATION CENTER
Issue Date: 5/6/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: NEO-RAY
Catalog Number: S122DIW-B675D1240UB2750-4F0-XX-W2A-A_4000K
Description: Define 2 Direct/Indirect Wall Mount with 4000K BioUP LEDs {m-DER=0.865} {m-EER=0.951}
Light Source: -
Ballast/Driver: -

Summary

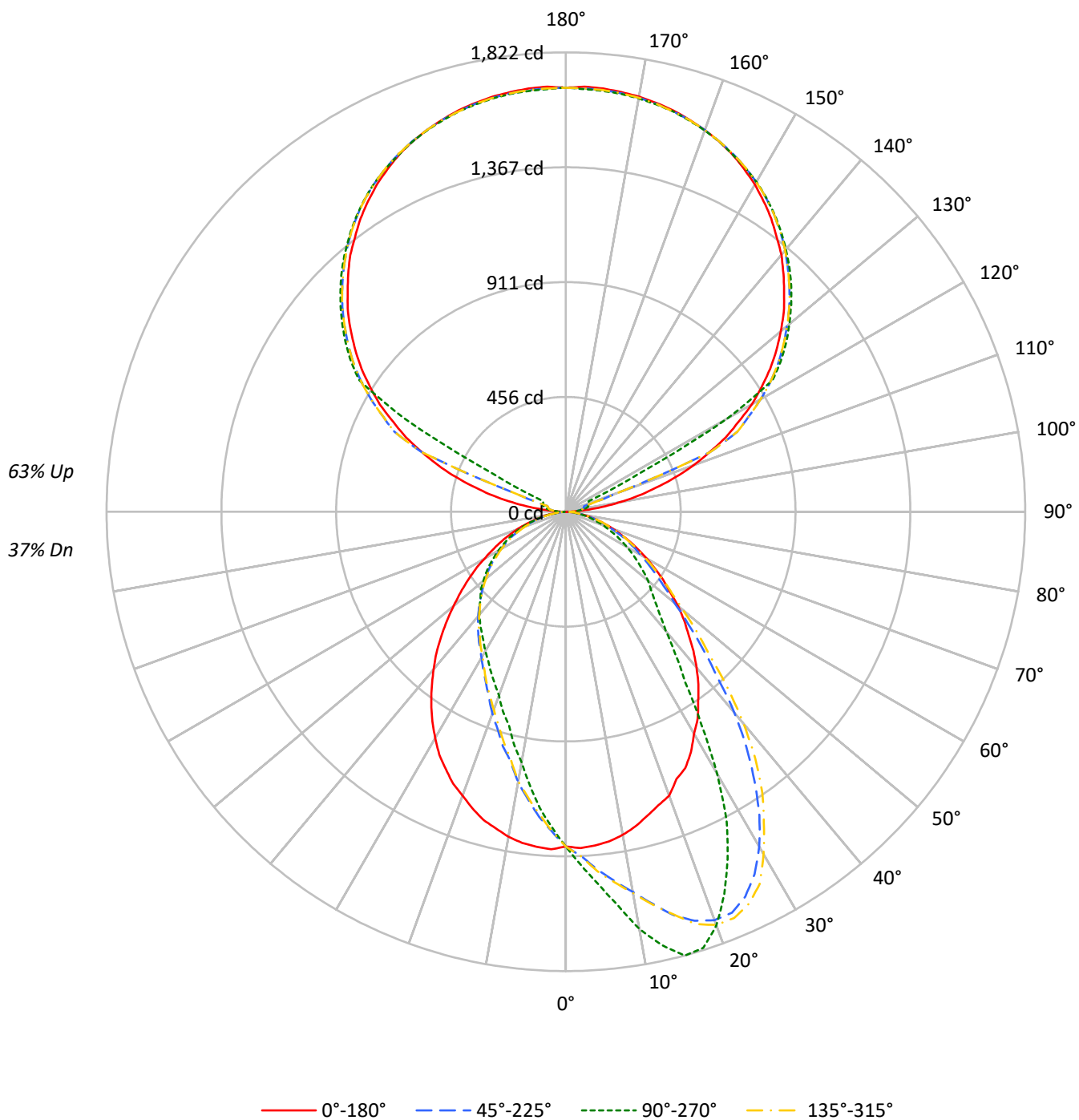
Lumens per Lamp: N/A
Luminaire Lumens: 7862.0 lumens
Efficiency: N/A
Efficacy: 100.8 lumens/watt
Spacing Criteria (0/90/45): 1.16 / 1.09 / 1.23
Luminous Opening: Rectangular w/ Sides (W: 0.17' x L: 4' x H: 0.1')
CIE Type: Semi-Indirect

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

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Luminous Intensity Polar Plot



TEST NUMBER: P1029603

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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20					20					20					20
RC	80				70					50					30					10
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10
RCR																				
0	104	104	104	104	94	94	94	94	76	76	76	60	60	60	44	44	44			37
1	95	91	88	84	86	83	80	77	67	65	63	53	52	50	40	39	38			32
2	87	80	74	69	79	73	68	64	59	56	53	47	45	43	35	34	33			27
3	80	71	64	58	72	64	58	54	53	48	45	42	39	36	32	30	28			24
4	73	63	55	49	66	57	51	46	47	42	38	37	34	31	29	26	25			21
5	67	56	48	42	61	51	44	39	42	37	33	34	30	27	26	24	22			18
6	62	50	42	37	56	46	39	34	38	33	29	31	27	24	24	21	19			16
7	57	45	38	32	52	42	35	30	35	29	26	28	24	21	22	19	17			14
8	53	41	34	29	48	38	31	27	32	27	23	26	22	19	20	17	16			13
9	49	38	30	26	45	35	28	24	29	24	21	24	20	17	18	16	14			12
10	46	34	28	23	42	32	26	21	27	22	19	22	18	16	17	15	13			11

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	21015	21015	21015	21015
5°	21065	22407	21146	17826
10°	20820	24460	20951	14697
15°	20316	25800	20597	12380
20°	19999	24224	19999	10760
25°	19360	20811	19448	9622
30°	18312	16359	18661	8716
35°	17383	11312	17674	7975
40°	16315	8542	16501	7384
45°	14998	7019	15244	6746
50°	13860	6160	13884	6174
55°	12561	5249	12644	5555
60°	11179	4385	11334	4849
65°	9940	3566	10121	4141
70°	8705	2799	8926	3340
75°	7306	2031	7591	2421
80°	5700	1287	6108	1438
85°	3743	649	4040	480

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 157.5°

Vertical Angle: 45°

Luminance: 21722 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	126.4	1.6
10°-20°	368.0	4.7
20°-30°	534.1	6.8
30°-40°	563.1	7.2
40°-50°	498.3	6.3
50°-60°	397.9	5.1
60°-70°	270.2	3.4
70°-80°	138.3	1.8
80°-90°	35.6	0.5
90°-100°	55.5	0.7
100°-110°	206.7	2.6
110°-120°	548.2	7.0
120°-130°	909.3	11.6
130°-140°	965.9	12.3
140°-150°	897.7	11.4
150°-160°	721.7	9.2
160°-170°	465.0	5.9
170°-180°	160.1	2.0
0°-30°	1028.6	13.1
0°-40°	1591.7	20.2
0°-60°	2487.8	31.6
0°-90°	2932.0	37.3
90°-120°	810.4	10.3
90°-150°	3583.2	45.6
90°-180°	4930.0	62.7
0°-180°	7862.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1328	1328	1328	1328	1328	
5°	1329	1483	1334	1180	1329	126
15°	1248	1822	1265	874	1248	352
25°	1121	1518	1126	702	1121	513
35°	915	826	931	583	915	573
45°	687	498	698	479	687	533
55°	471	350	474	370	471	421
65°	280	215	285	250	280	278
75°	131	106	136	126	131	140
85°	26	28	29	20	26	31
90°	1	33	1	33	1	6
95°	79	52	79	52	79	94
105°	370	92	370	92	370	395
115°	700	100	700	100	700	689
125°	989	1040	989	1040	989	882
135°	1224	1264	1224	1264	1224	946
145°	1420	1442	1420	1442	1420	888
155°	1564	1565	1564	1565	1564	721
165°	1648	1644	1648	1644	1648	465
175°	1685	1676	1685	1676	1685	160
180°	1682	1682	1682	1682	1682	

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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	1327.6	1327.6	1327.6	1327.6	1327.6	1327.6	1327.6	1327.6	1327.6	1327.6	1327.6
2.5°	1334.7	1337.8	1342.9	1343.9	1354.1	1362.3	1371.4	1371.4	1374.5	1373.5	1365.3
5°	1328.6	1337.8	1351.0	1362.3	1380.6	1388.8	1401.0	1410.2	1418.4	1424.5	1423.5
7.5°	1318.4	1334.7	1354.1	1375.5	1400.0	1414.3	1431.6	1448.0	1459.2	1469.4	1476.5
10°	1301.0	1328.6	1355.1	1383.7	1415.3	1434.7	1455.1	1476.5	1493.9	1513.3	1531.6
12.5°	1277.6	1317.4	1350.0	1387.8	1426.5	1448.0	1480.6	1496.9	1530.6	1579.6	1592.9
15°	1248.0	1302.0	1332.7	1380.6	1431.6	1449.0	1493.9	1520.4	1589.8	1620.4	1657.2
17.5°	1220.4	1280.6	1321.4	1376.5	1426.5	1460.2	1504.1	1558.2	1616.3	1660.2	1701.0
20°	1198.0	1256.1	1305.1	1366.3	1429.6	1472.5	1518.4	1583.7	1646.9	1691.8	1723.5
22.5°	1146.9	1221.4	1278.6	1346.9	1423.5	1482.7	1526.5	1598.0	1666.3	1693.9	1721.4
25°	1121.4	1185.7	1252.0	1329.6	1419.4	1489.8	1527.6	1607.2	1667.4	1677.6	1683.7
27.5°	1074.5	1146.9	1224.5	1313.3	1418.4	1477.6	1525.5	1598.0	1645.9	1638.8	1620.4
30°	1016.3	1105.1	1190.8	1286.7	1404.1	1468.4	1513.3	1579.6	1604.1	1567.4	1534.7
32.5°	973.5	1057.1	1152.0	1263.3	1387.8	1449.0	1492.9	1544.9	1550.0	1483.7	1428.6
35°	915.3	1008.2	1115.3	1232.7	1360.2	1415.3	1456.1	1487.8	1463.3	1370.4	1305.1
37.5°	863.3	955.1	1069.4	1188.8	1322.5	1376.5	1409.2	1414.3	1354.1	1272.5	1176.5
40°	806.1	901.0	1020.4	1145.9	1280.6	1327.6	1348.0	1332.7	1245.9	1151.0	1039.8
42.5°	749.0	842.9	971.4	1100.0	1227.6	1267.4	1275.5	1233.7	1127.6	1016.3	887.8
45°	686.7	784.7	913.3	1042.9	1166.3	1188.8	1189.8	1129.6	1004.1	887.8	768.4
47.5°	635.7	726.5	854.1	983.7	1087.8	1103.1	1096.9	1027.6	890.8	760.2	656.1
50°	579.6	666.3	792.9	920.4	1009.2	1013.3	998.0	899.0	765.3	645.9	563.3
52.5°	519.4	607.1	723.5	845.9	925.5	919.4	889.8	783.7	658.2	559.2	495.9
55°	471.4	549.0	658.2	777.6	833.7	816.3	783.7	675.5	576.5	492.9	437.8
57.5°	418.4	486.7	593.9	698.0	730.6	714.3	681.6	580.6	488.8	425.5	388.8
60°	368.4	430.6	524.5	611.2	636.7	619.4	581.6	490.8	424.5	371.4	343.9
62.5°	322.5	376.5	455.1	534.7	544.9	527.6	494.9	421.4	364.3	322.5	302.0
65°	279.6	330.6	393.9	454.1	463.3	444.9	411.2	358.2	310.2	283.7	264.3
67.5°	237.8	278.6	334.7	378.6	383.7	366.3	338.8	295.9	266.3	237.8	223.5
70°	201.0	231.6	275.5	311.2	313.3	296.9	282.7	243.9	221.4	201.0	189.8
72.5°	165.3	186.7	220.4	246.9	248.0	237.8	224.5	200.0	180.6	166.3	155.1
75°	130.6	149.0	169.4	192.9	191.8	183.7	173.5	158.2	141.8	132.7	127.6
77.5°	100.0	111.2	127.6	142.9	142.9	138.8	132.7	121.4	111.2	102.0	96.9
80°	71.4	78.6	91.8	96.9	99.0	98.0	92.9	84.7	80.6	73.5	71.4
82.5°	45.9	51.0	57.1	62.2	65.3	63.3	62.2	58.2	52.0	50.0	48.0
85°	26.5	28.6	31.6	34.7	35.7	34.7	36.7	33.7	30.6	30.6	29.6
87.5°	11.2	12.2	14.3	14.3	15.3	15.3	14.3	15.3	15.3	14.3	13.3
90°	1.2	4.2	7.2	10.1	13.1	14.6	15.7	17.8	20.0	22.1	24.3
92.5°	30.4	29.3	28.3	27.2	26.1	25.6	26.0	26.8	27.6	28.4	29.2
95°	79.1	70.2	61.2	52.3	43.4	38.9	39.9	41.8	43.7	45.6	47.5
97.5°	142.4	120.2	98.0	75.9	53.7	42.6	44.8	49.1	53.4	57.8	62.1
100°	215.4	178.4	141.3	104.3	67.2	48.7	51.0	55.6	60.2	64.8	69.4
102.5°	295.7	295.2	294.6	294.1	293.6	293.3	268.7	219.5	170.2	121.0	71.8
105°	369.9	378.0	386.1	394.2	402.3	406.4	369.5	295.7	221.8	148.0	74.2
107.5°	456.3	463.1	469.8	476.6	483.3	486.7	441.1	350.0	258.9	167.8	76.7
110°	539.1	544.8	550.4	556.1	561.8	564.6	525.5	447.4	369.2	291.1	212.9

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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	616.9	621.8	626.6	631.5	636.4	638.8	636.5	631.9	627.4	622.8	618.2
115°	699.7	704.3	708.9	713.5	718.1	720.4	723.8	730.5	737.3	744.0	750.8
117.5°	771.5	776.9	782.3	787.7	793.1	795.8	798.1	802.7	807.3	811.9	816.5
120°	851.8	855.8	859.9	863.9	868.0	870.0	872.4	877.3	882.2	887.0	891.9
122.5°	919.9	924.2	928.6	932.9	937.2	939.4	942.1	947.5	952.9	958.3	963.7
125°	989.3	992.8	996.3	999.8	1003.3	1005.1	1007.7	1012.8	1017.9	1023.1	1028.2
127.5°	1052.6	1056.4	1060.2	1063.9	1067.7	1069.6	1071.6	1075.7	1079.7	1083.8	1087.8
130°	1112.2	1116.5	1120.9	1125.2	1129.5	1131.7	1133.2	1136.1	1139.1	1142.0	1145.0
132.5°	1173.0	1176.5	1180.0	1183.5	1187.0	1188.8	1190.3	1193.3	1196.2	1199.2	1202.2
135°	1224.1	1228.4	1232.8	1237.1	1241.4	1243.6	1244.8	1247.3	1249.7	1252.2	1254.6
137.5°	1277.7	1280.9	1284.2	1287.4	1290.7	1292.3	1293.6	1296.3	1299.0	1301.7	1304.4
140°	1330.0	1332.2	1334.3	1336.5	1338.6	1339.7	1341.2	1344.2	1347.1	1350.1	1353.1
142.5°	1373.8	1375.7	1377.6	1379.5	1381.4	1382.3	1384.1	1387.6	1391.1	1394.6	1398.1
145°	1420.0	1419.7	1419.5	1419.2	1418.9	1418.8	1421.1	1425.7	1430.3	1434.9	1439.5
147.5°	1460.2	1459.4	1458.6	1457.7	1456.9	1456.5	1458.8	1463.4	1468.0	1472.6	1477.2
150°	1499.1	1497.2	1495.3	1493.4	1491.5	1490.6	1492.8	1497.1	1501.4	1505.8	1510.1
152.5°	1532.0	1529.8	1527.7	1525.5	1523.4	1522.3	1524.3	1528.4	1532.4	1536.5	1540.5
155°	1563.6	1561.2	1558.8	1556.3	1553.9	1552.7	1554.3	1557.6	1560.8	1564.1	1567.3
157.5°	1589.2	1587.0	1584.8	1582.7	1580.5	1579.4	1580.6	1583.1	1585.5	1588.0	1590.4
160°	1611.1	1609.5	1607.9	1606.2	1604.6	1603.8	1604.6	1606.2	1607.9	1609.5	1611.1
162.5°	1630.6	1629.0	1627.4	1625.7	1624.1	1623.3	1624.0	1625.3	1626.6	1628.0	1629.3
165°	1647.6	1646.0	1644.4	1642.7	1641.1	1640.3	1640.7	1641.5	1642.3	1643.1	1643.9
167.5°	1661.0	1659.4	1657.8	1656.1	1654.5	1653.7	1654.1	1654.9	1655.7	1656.5	1657.3
170°	1671.9	1670.3	1668.7	1667.0	1665.4	1664.6	1664.9	1665.4	1666.0	1666.5	1667.1
172.5°	1679.2	1677.6	1676.0	1674.3	1672.7	1671.9	1672.2	1672.7	1673.3	1673.8	1674.4
175°	1685.3	1683.4	1681.5	1679.6	1677.7	1676.8	1677.1	1677.6	1678.1	1678.7	1679.2
177.5°	1687.7	1685.8	1683.9	1682.0	1680.1	1679.2	1679.3	1679.6	1679.9	1680.1	1680.4
180°	1681.7	1681.7	1681.7	1681.7	1681.7	1681.7	1681.7	1681.7	1681.7	1681.7	1681.7

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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	1327.6	1327.6	1327.6	1327.6	1327.6	1327.6	1327.6	1327.6	1327.6	1327.6	1327.6
2.5°	1379.6	1380.6	1382.7	1392.9	1398.0	1399.0	1394.9	1404.1	1407.2	1404.1	1402.0
5°	1444.9	1451.0	1463.3	1476.5	1475.5	1476.5	1482.7	1488.8	1490.8	1482.7	1485.7
7.5°	1502.1	1514.3	1527.6	1548.0	1548.0	1558.2	1562.3	1567.4	1579.6	1573.5	1571.4
10°	1567.4	1583.7	1608.2	1640.8	1641.8	1652.1	1662.3	1678.6	1683.7	1679.6	1681.6
12.5°	1649.0	1680.6	1682.7	1718.4	1734.7	1736.7	1753.1	1750.0	1760.2	1760.2	1777.6
15°	1684.7	1733.7	1761.2	1795.9	1806.1	1793.9	1807.2	1821.4	1822.5	1822.5	1821.4
17.5°	1749.0	1768.4	1795.9	1814.3	1818.4	1818.4	1819.4	1825.5	1821.4	1813.3	1819.4
20°	1762.3	1770.4	1780.6	1778.6	1780.6	1770.4	1760.2	1750.0	1751.0	1745.9	1761.2
22.5°	1737.8	1735.7	1712.3	1696.9	1696.9	1676.5	1657.2	1648.0	1638.8	1641.8	1646.9
25°	1676.5	1644.9	1616.3	1593.9	1588.8	1556.1	1529.6	1521.4	1506.1	1518.4	1520.4
27.5°	1578.6	1542.9	1496.9	1477.6	1451.0	1437.8	1419.4	1394.9	1363.3	1381.6	1378.6
30°	1473.5	1420.4	1382.7	1335.7	1293.9	1290.8	1256.1	1215.3	1199.0	1199.0	1208.2
32.5°	1356.1	1285.7	1230.6	1164.3	1123.5	1106.1	1064.3	1023.5	1032.7	1002.0	1013.3
35°	1219.4	1126.5	1057.1	992.9	962.3	941.8	887.8	865.3	840.8	826.5	853.1
37.5°	1088.8	981.6	892.9	822.5	811.2	774.5	737.8	723.5	709.2	715.3	714.3
40°	929.6	834.7	755.1	700.0	680.6	663.3	638.8	621.4	612.2	617.4	618.4
42.5°	785.7	706.1	646.9	608.2	591.8	579.6	567.4	553.1	550.0	550.0	554.1
45°	674.5	609.2	569.4	537.8	528.6	519.4	510.2	504.1	502.0	498.0	501.0
47.5°	585.7	533.7	509.2	485.7	475.5	473.5	465.3	462.2	458.2	457.1	458.2
50°	511.2	478.6	456.1	442.9	435.7	432.7	428.6	422.5	420.4	425.5	423.5
52.5°	459.2	428.6	416.3	403.1	399.0	394.9	388.8	389.8	388.8	386.7	386.7
55°	407.1	387.8	375.5	365.3	364.3	360.2	355.1	353.1	352.0	350.0	353.1
57.5°	365.3	350.0	338.8	329.6	325.5	325.5	320.4	316.3	316.3	315.3	316.3
60°	323.5	308.2	301.0	291.8	288.8	287.8	284.7	282.7	279.6	279.6	279.6
62.5°	284.7	272.5	264.3	256.1	257.1	252.0	248.0	245.9	245.9	246.9	246.9
65°	248.0	239.8	229.6	222.5	220.4	219.4	217.3	216.3	213.3	215.3	215.3
67.5°	214.3	203.1	196.9	193.9	190.8	189.8	187.8	185.7	184.7	183.7	185.7
70°	180.6	171.4	166.3	164.3	161.2	160.2	159.2	156.1	157.1	158.2	159.2
72.5°	150.0	141.8	140.8	134.7	134.7	134.7	130.6	132.7	131.6	129.6	131.6
75°	118.4	114.3	112.2	109.2	110.2	109.2	108.2	105.1	105.1	106.1	107.1
77.5°	93.9	89.8	88.8	85.7	83.7	85.7	83.7	82.7	82.7	83.7	83.7
80°	69.4	67.3	64.3	64.3	64.3	63.3	63.3	63.3	62.2	61.2	62.2
82.5°	45.9	45.9	44.9	43.9	44.9	42.9	43.9	43.9	43.9	43.9	43.9
85°	29.6	28.6	28.6	27.6	27.6	27.6	28.6	26.5	26.5	27.6	27.6
87.5°	13.3	13.3	13.3	14.3	13.3	13.3	13.3	14.3	13.3	13.3	13.3
90°	25.7	27.0	28.4	29.7	30.4	30.7	31.2	31.8	32.3	32.9	32.3
92.5°	29.7	30.3	30.8	31.3	31.6	31.7	32.0	32.3	32.6	32.9	32.6
95°	48.8	50.2	51.5	52.8	53.5	53.4	53.1	52.8	52.6	52.3	52.6
97.5°	62.9	63.7	64.5	65.3	65.7	65.8	66.1	66.4	66.6	66.9	66.6
100°	71.6	73.7	75.9	78.0	79.1	79.4	79.9	80.4	81.0	81.5	81.0
102.5°	74.8	77.8	80.7	83.7	85.2	85.6	86.4	87.2	88.0	88.8	88.0
105°	77.2	80.2	83.1	86.1	87.6	88.1	89.2	90.3	91.4	92.5	91.4
107.5°	79.7	82.6	85.6	88.5	90.0	90.5	91.6	92.7	93.8	94.9	93.8
110°	185.9	158.9	131.8	104.8	91.3	91.8	92.9	94.0	95.0	96.1	95.0

TEST NUMBER: P1029603

CATALOG NUMBER: S122DIW-B675D1240UB2750-4F0-XX-W2A-A_4000K

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	501.6	385.1	268.5	152.0	93.7	94.1	94.9	95.7	96.5	97.3	96.5
115°	625.6	500.4	375.2	250.0	187.4	177.7	158.2	138.7	119.3	99.8	119.3
117.5°	777.8	739.2	700.5	661.8	642.5	607.1	536.2	465.4	394.5	323.7	394.5
120°	895.1	898.4	901.6	904.9	906.5	888.3	851.8	815.3	778.8	742.3	778.8
122.5°	965.3	966.9	968.6	970.2	971.0	971.1	971.4	971.7	971.9	972.2	971.9
125°	1030.1	1032.0	1033.9	1035.8	1036.7	1037.1	1037.9	1038.8	1039.6	1040.4	1039.6
127.5°	1090.5	1093.2	1095.9	1098.6	1100.0	1100.1	1100.4	1100.7	1100.9	1101.2	1100.9
130°	1148.0	1151.0	1153.9	1156.9	1158.4	1158.3	1158.0	1157.7	1157.5	1157.2	1157.5
132.5°	1204.6	1207.1	1209.5	1212.0	1213.2	1213.1	1212.8	1212.5	1212.3	1212.0	1212.3
135°	1257.3	1260.0	1262.7	1265.4	1266.7	1266.4	1265.9	1265.4	1264.8	1264.3	1264.8
137.5°	1307.1	1309.8	1312.5	1315.2	1316.6	1316.2	1315.4	1314.6	1313.8	1313.0	1313.8
140°	1355.5	1358.0	1360.4	1362.9	1364.1	1363.4	1362.1	1360.7	1359.4	1358.0	1359.4
142.5°	1400.3	1402.5	1404.6	1406.8	1407.9	1407.2	1405.9	1404.5	1403.2	1401.8	1403.2
145°	1441.4	1443.3	1445.2	1447.1	1448.0	1447.3	1446.0	1444.6	1443.3	1441.9	1443.3
147.5°	1478.6	1479.9	1481.3	1482.6	1483.3	1482.8	1481.7	1480.6	1479.6	1478.5	1479.6
150°	1511.7	1513.3	1515.0	1516.6	1517.4	1516.7	1515.4	1514.0	1512.7	1511.3	1512.7
152.5°	1542.1	1543.7	1545.4	1547.0	1547.8	1546.9	1545.0	1543.1	1541.2	1539.3	1541.2
155°	1568.9	1570.5	1572.2	1573.8	1574.6	1573.5	1571.3	1569.2	1567.0	1564.8	1567.0
157.5°	1592.3	1594.2	1596.1	1598.0	1598.9	1597.8	1595.7	1593.5	1591.4	1589.2	1591.4
160°	1612.7	1614.3	1616.0	1617.6	1618.4	1617.5	1615.6	1613.7	1611.8	1609.9	1611.8
162.5°	1631.2	1633.1	1635.0	1636.9	1637.9	1636.7	1634.2	1631.8	1629.3	1626.9	1629.3
165°	1645.8	1647.7	1649.6	1651.5	1652.5	1651.5	1649.6	1647.7	1645.8	1643.9	1645.8
167.5°	1659.2	1661.1	1663.0	1664.9	1665.8	1664.6	1662.2	1659.7	1657.3	1654.9	1657.3
170°	1669.0	1670.9	1672.8	1674.7	1675.6	1674.4	1671.9	1669.5	1667.0	1664.6	1667.0
172.5°	1676.3	1678.2	1680.1	1682.0	1682.9	1681.7	1679.2	1676.8	1674.3	1671.9	1674.3
175°	1681.1	1683.0	1684.9	1686.8	1687.7	1686.4	1683.7	1681.0	1678.3	1675.6	1678.3
177.5°	1682.3	1684.2	1686.1	1688.0	1689.0	1687.8	1685.3	1682.9	1680.4	1678.0	1680.4
180°	1681.7	1681.7	1681.7	1681.7	1681.7	1681.7	1681.7	1681.7	1681.7	1681.7	1681.7

TEST NUMBER: P1029603

CATALOG NUMBER: S122DIW-B675D1240UB2750-4F0-XX-W2A-A_4000K

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	1327.6	1327.6	1327.6	1327.6	1327.6	1327.6	1327.6	1327.6	1327.6	1327.6	1327.6
2.5°	1407.2	1400.0	1393.9	1394.9	1400.0	1395.9	1385.7	1372.5	1367.4	1361.2	1367.4
5°	1491.8	1485.7	1473.5	1474.5	1471.4	1467.4	1451.0	1430.6	1430.6	1414.3	1412.3
7.5°	1575.5	1566.3	1558.2	1556.1	1544.9	1536.7	1522.5	1493.9	1482.7	1463.3	1452.0
10°	1669.4	1662.3	1653.1	1641.8	1635.7	1621.4	1598.0	1556.1	1535.7	1509.2	1489.8
12.5°	1764.3	1763.3	1742.9	1720.4	1719.4	1696.9	1680.6	1624.5	1596.9	1561.2	1515.3
15°	1824.5	1819.4	1808.2	1796.9	1800.0	1775.5	1738.8	1672.5	1654.1	1611.2	1562.3
17.5°	1823.5	1823.5	1820.4	1818.4	1815.3	1808.2	1787.8	1743.9	1714.3	1660.2	1614.3
20°	1765.3	1778.6	1781.6	1780.6	1790.8	1795.9	1794.9	1767.4	1743.9	1695.9	1649.0
22.5°	1649.0	1679.6	1692.9	1701.0	1722.5	1733.7	1760.2	1750.0	1743.9	1708.2	1668.4
25°	1540.8	1551.0	1590.8	1592.9	1622.5	1650.0	1676.5	1693.9	1716.3	1703.1	1669.4
27.5°	1401.0	1424.5	1453.1	1474.5	1480.6	1536.7	1580.6	1613.3	1664.3	1668.4	1657.2
30°	1242.9	1254.1	1301.0	1329.6	1362.3	1403.1	1466.3	1522.5	1568.4	1610.2	1624.5
32.5°	1050.0	1095.9	1123.5	1158.2	1186.7	1259.2	1336.7	1409.2	1462.3	1532.7	1563.3
35°	873.5	909.2	956.1	970.4	1022.5	1083.7	1184.7	1277.6	1358.2	1429.6	1491.8
37.5°	727.6	756.1	806.1	828.6	859.2	937.8	1022.5	1137.8	1234.7	1322.5	1400.0
40°	627.6	649.0	686.7	693.9	719.4	790.8	859.2	967.4	1095.9	1214.3	1299.0
42.5°	559.2	569.4	594.9	604.1	620.4	668.4	729.6	831.6	951.0	1073.5	1192.9
45°	510.2	517.4	532.7	540.8	561.2	582.7	632.7	714.3	808.2	931.6	1060.2
47.5°	466.3	475.5	481.6	486.7	498.0	521.4	554.1	614.3	704.1	817.4	941.8
50°	429.6	432.7	443.9	444.9	452.0	467.3	498.0	534.7	606.1	698.0	818.4
52.5°	392.9	395.9	403.1	410.2	413.3	425.5	445.9	476.5	529.6	602.0	709.2
55°	356.1	360.2	367.3	372.5	375.5	385.7	398.0	427.6	469.4	520.4	608.2
57.5°	319.4	328.6	330.6	333.7	338.8	350.0	361.2	378.6	411.2	458.2	522.5
60°	284.7	287.8	294.9	298.0	303.1	309.2	323.5	336.7	360.2	396.9	455.1
62.5°	249.0	256.1	259.2	262.2	266.3	273.5	282.7	296.9	317.3	346.9	392.9
65°	218.4	219.4	225.5	229.6	233.7	238.8	248.0	261.2	273.5	301.0	334.7
67.5°	188.8	190.8	192.9	196.9	202.0	207.1	215.3	222.5	237.8	256.1	282.7
70°	160.2	160.2	165.3	168.4	167.3	173.5	179.6	187.8	199.0	216.3	237.8
72.5°	134.7	133.7	137.8	138.8	140.8	144.9	149.0	157.1	163.3	176.5	192.9
75°	107.1	109.2	111.2	111.2	114.3	117.3	121.4	125.5	132.7	140.8	153.1
77.5°	84.7	84.7	86.7	87.8	90.8	89.8	93.9	98.0	103.1	110.2	119.4
80°	62.2	64.3	64.3	64.3	65.3	66.3	70.4	73.5	76.5	81.6	85.7
82.5°	43.9	43.9	45.9	45.9	45.9	48.0	48.0	49.0	51.0	54.1	57.1
85°	27.6	27.6	27.6	28.6	27.6	28.6	30.6	29.6	30.6	32.7	32.7
87.5°	13.3	13.3	13.3	13.3	13.3	14.3	13.3	14.3	15.3	15.3	15.3
90°	31.8	31.2	30.7	30.4	29.7	28.4	27.0	25.7	24.3	22.1	20.0
92.5°	32.3	32.0	31.7	31.6	31.3	30.8	30.3	29.7	29.2	28.4	27.6
95°	52.8	53.1	53.4	53.5	52.8	51.5	50.2	48.8	47.5	45.6	43.7
97.5°	66.4	66.1	65.8	65.7	65.3	64.5	63.7	62.9	62.1	57.8	53.4
100°	80.4	79.9	79.4	79.1	78.0	75.9	73.7	71.6	69.4	64.8	60.2
102.5°	87.2	86.4	85.6	85.2	83.7	80.7	77.8	74.8	71.8	121.0	170.2
105°	90.3	89.2	88.1	87.6	86.1	83.1	80.2	77.2	74.2	148.0	221.8
107.5°	92.7	91.6	90.5	90.0	88.5	85.6	82.6	79.7	76.7	167.8	258.9
110°	94.0	92.9	91.8	91.3	104.8	131.8	158.9	185.9	212.9	291.1	369.2

TEST NUMBER: P1029603

CATALOG NUMBER: S122DIW-B675D1240UB2750-4F0-XX-W2A-A_4000K

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	95.7	94.9	94.1	93.7	152.0	268.5	385.1	501.6	618.2	622.8	627.4
115°	138.7	158.2	177.7	187.4	250.0	375.2	500.4	625.6	750.8	744.0	737.3
117.5°	465.4	536.2	607.1	642.5	661.8	700.5	739.2	777.8	816.5	811.9	807.3
120°	815.3	851.8	888.3	906.5	904.9	901.6	898.4	895.1	891.9	887.0	882.2
122.5°	971.7	971.4	971.1	971.0	970.2	968.6	966.9	965.3	963.7	958.3	952.9
125°	1038.8	1037.9	1037.1	1036.7	1035.8	1033.9	1032.0	1030.1	1028.2	1023.1	1017.9
127.5°	1100.7	1100.4	1100.1	1100.0	1098.6	1095.9	1093.2	1090.5	1087.8	1083.8	1079.7
130°	1157.7	1158.0	1158.3	1158.4	1156.9	1153.9	1151.0	1148.0	1145.0	1142.0	1139.1
132.5°	1212.5	1212.8	1213.1	1213.2	1212.0	1209.5	1207.1	1204.6	1202.2	1199.2	1196.2
135°	1265.4	1265.9	1266.4	1266.7	1265.4	1262.7	1260.0	1257.3	1254.6	1252.2	1249.7
137.5°	1314.6	1315.4	1316.2	1316.6	1315.2	1312.5	1309.8	1307.1	1304.4	1301.7	1299.0
140°	1360.7	1362.1	1363.4	1364.1	1362.9	1360.4	1358.0	1355.5	1353.1	1350.1	1347.1
142.5°	1404.5	1405.9	1407.2	1407.9	1406.8	1404.6	1402.5	1400.3	1398.1	1394.6	1391.1
145°	1444.6	1446.0	1447.3	1448.0	1447.1	1445.2	1443.3	1441.4	1439.5	1434.9	1430.3
147.5°	1480.6	1481.7	1482.8	1483.3	1482.6	1481.3	1479.9	1478.6	1477.2	1472.6	1468.0
150°	1514.0	1515.4	1516.7	1517.4	1516.6	1515.0	1513.3	1511.7	1510.1	1505.8	1501.4
152.5°	1543.1	1545.0	1546.9	1547.8	1547.0	1545.4	1543.7	1542.1	1540.5	1536.5	1532.4
155°	1569.2	1571.3	1573.5	1574.6	1573.8	1572.2	1570.5	1568.9	1567.3	1564.1	1560.8
157.5°	1593.5	1595.7	1597.8	1598.9	1598.0	1596.1	1594.2	1592.3	1590.4	1588.0	1585.5
160°	1613.7	1615.6	1617.5	1618.4	1617.6	1616.0	1614.3	1612.7	1611.1	1609.5	1607.9
162.5°	1631.8	1634.2	1636.7	1637.9	1636.9	1635.0	1633.1	1631.2	1629.3	1628.0	1626.6
165°	1647.7	1649.6	1651.5	1652.5	1651.5	1649.6	1647.7	1645.8	1643.9	1643.1	1642.3
167.5°	1659.7	1662.2	1664.6	1665.8	1664.9	1663.0	1661.1	1659.2	1657.3	1656.5	1655.7
170°	1669.5	1671.9	1674.4	1675.6	1674.7	1672.8	1670.9	1669.0	1667.1	1666.5	1666.0
172.5°	1676.8	1679.2	1681.7	1682.9	1682.0	1680.1	1678.2	1676.3	1674.4	1673.8	1673.3
175°	1681.0	1683.7	1686.4	1687.7	1686.8	1684.9	1683.0	1681.1	1679.2	1678.7	1678.1
177.5°	1682.9	1685.3	1687.8	1689.0	1688.0	1686.1	1684.2	1682.3	1680.4	1680.1	1679.9
180°	1681.7	1681.7	1681.7	1681.7	1681.7	1681.7	1681.7	1681.7	1681.7	1681.7	1681.7

TEST NUMBER: P1029603

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CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
0°	1327.6	1327.6	1327.6	1327.6	1327.6	1327.6	1327.6	1327.6	1327.6	1327.6	1327.6
2.5°	1362.3	1357.2	1354.1	1356.1	1350.0	1334.7	1334.7	1339.8	1333.7	1327.6	1318.4
5°	1400.0	1389.8	1383.7	1382.7	1368.4	1343.9	1338.8	1333.7	1320.4	1306.1	1290.8
7.5°	1436.7	1418.4	1408.2	1401.0	1380.6	1349.0	1335.7	1324.5	1303.1	1281.6	1262.3
10°	1467.4	1440.8	1428.6	1417.4	1390.8	1351.0	1329.6	1309.2	1281.6	1254.1	1229.6
12.5°	1491.8	1461.2	1445.9	1429.6	1396.9	1344.9	1318.4	1285.7	1258.2	1221.4	1196.9
15°	1532.7	1469.4	1455.1	1439.8	1406.1	1334.7	1302.0	1265.3	1227.6	1178.6	1152.0
17.5°	1565.3	1480.6	1479.6	1446.9	1403.1	1330.6	1280.6	1232.7	1191.8	1142.9	1101.0
20°	1584.7	1498.0	1481.6	1448.0	1392.9	1303.1	1251.0	1198.0	1154.1	1094.9	1053.1
22.5°	1601.0	1522.5	1479.6	1438.8	1371.4	1293.9	1217.4	1167.4	1107.1	1042.9	1003.1
25°	1607.2	1527.6	1482.7	1435.7	1356.1	1267.4	1180.6	1126.5	1059.2	1001.0	946.9
27.5°	1608.2	1526.5	1471.4	1422.5	1334.7	1232.7	1143.9	1086.7	1012.3	944.9	890.8
30°	1598.0	1515.3	1465.3	1412.3	1314.3	1201.0	1099.0	1035.7	956.1	888.8	832.7
32.5°	1567.4	1492.9	1452.0	1393.9	1287.8	1157.2	1056.1	985.7	902.0	835.7	781.6
35°	1516.3	1465.3	1420.4	1366.3	1253.1	1116.3	1013.3	930.6	845.9	782.7	731.6
37.5°	1453.1	1425.5	1383.7	1330.6	1213.3	1079.6	965.3	873.5	788.8	727.6	677.6
40°	1367.4	1374.5	1333.7	1285.7	1166.3	1029.6	903.1	815.3	735.7	678.6	629.6
42.5°	1274.5	1304.1	1280.6	1234.7	1114.3	974.5	857.1	760.2	682.7	623.5	582.7
45°	1174.5	1225.5	1211.2	1177.6	1060.2	916.3	791.8	698.0	629.6	572.5	536.7
47.5°	1065.3	1137.8	1137.8	1113.3	1000.0	858.2	735.7	639.8	572.5	531.6	496.9
50°	954.1	1035.7	1049.0	1032.7	932.7	791.8	667.4	580.6	522.5	482.7	457.1
52.5°	837.8	932.7	957.1	949.0	861.2	728.6	611.2	526.5	473.5	438.8	416.3
55°	726.5	836.7	863.3	866.3	784.7	659.2	549.0	474.5	423.5	400.0	380.6
57.5°	621.4	727.6	757.1	762.2	707.1	595.9	490.8	425.5	379.6	360.2	344.9
60°	531.6	620.4	659.2	670.4	622.5	522.5	436.7	373.5	338.8	320.4	306.1
62.5°	458.2	529.6	570.4	573.5	552.0	458.2	380.6	327.6	298.0	281.6	274.5
65°	386.7	451.0	475.5	487.8	470.4	396.9	328.6	284.7	261.2	246.9	239.8
67.5°	329.6	370.4	390.8	407.1	389.8	334.7	279.6	243.9	226.5	212.2	208.2
70°	270.4	304.1	319.4	335.7	320.4	278.6	238.8	206.1	190.8	179.6	174.5
72.5°	216.3	242.9	257.1	267.3	258.2	223.5	190.8	168.4	157.1	149.0	145.9
75°	171.4	189.8	198.0	205.1	201.0	174.5	154.1	135.7	125.5	118.4	116.3
77.5°	130.6	143.9	153.1	155.1	150.0	132.7	115.3	104.1	95.9	91.8	89.8
80°	92.9	101.0	106.1	109.2	104.1	96.9	84.7	76.5	69.4	64.3	63.3
82.5°	62.2	66.3	70.4	69.4	67.3	61.2	54.1	50.0	46.9	42.9	42.9
85°	35.7	36.7	38.8	39.8	38.8	34.7	30.6	28.6	26.5	23.5	23.5
87.5°	15.3	16.3	16.3	17.3	15.3	15.3	13.3	11.2	11.2	10.2	9.2
90°	17.8	15.7	14.6	13.1	10.1	7.2	4.2	1.2	4.2	7.2	10.1
92.5°	26.8	26.0	25.6	26.1	27.2	28.3	29.3	30.4	29.3	28.3	27.2
95°	41.8	39.9	38.9	43.4	52.3	61.2	70.2	79.1	70.2	61.2	52.3
97.5°	49.1	44.8	42.6	53.7	75.9	98.0	120.2	142.4	120.2	98.0	75.9
100°	55.6	51.0	48.7	67.2	104.3	141.3	178.4	215.4	178.4	141.3	104.3
102.5°	219.5	268.7	293.3	293.6	294.1	294.6	295.2	295.7	295.2	294.6	294.1
105°	295.7	369.5	406.4	402.3	394.2	386.1	378.0	369.9	378.0	386.1	394.2
107.5°	350.0	441.1	486.7	483.3	476.6	469.8	463.1	456.3	463.1	469.8	476.6
110°	447.4	525.5	564.6	561.8	556.1	550.4	544.8	539.1	544.8	550.4	556.1

TEST NUMBER: P1029603

CATALOG NUMBER: S122DIW-B675D1240UB2750-4F0-XX-W2A-A_4000K

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
112.5°	631.9	636.5	638.8	636.4	631.5	626.6	621.8	616.9	621.8	626.6	631.5
115°	730.5	723.8	720.4	718.1	713.5	708.9	704.3	699.7	704.3	708.9	713.5
117.5°	802.7	798.1	795.8	793.1	787.7	782.3	776.9	771.5	776.9	782.3	787.7
120°	877.3	872.4	870.0	868.0	863.9	859.9	855.8	851.8	855.8	859.9	863.9
122.5°	947.5	942.1	939.4	937.2	932.9	928.6	924.2	919.9	924.2	928.6	932.9
125°	1012.8	1007.7	1005.1	1003.3	999.8	996.3	992.8	989.3	992.8	996.3	999.8
127.5°	1075.7	1071.6	1069.6	1067.7	1063.9	1060.2	1056.4	1052.6	1056.4	1060.2	1063.9
130°	1136.1	1133.2	1131.7	1129.5	1125.2	1120.9	1116.5	1112.2	1116.5	1120.9	1125.2
132.5°	1193.3	1190.3	1188.8	1187.0	1183.5	1180.0	1176.5	1173.0	1176.5	1180.0	1183.5
135°	1247.3	1244.8	1243.6	1241.4	1237.1	1232.8	1228.4	1224.1	1228.4	1232.8	1237.1
137.5°	1296.3	1293.6	1292.3	1290.7	1287.4	1284.2	1280.9	1277.7	1280.9	1284.2	1287.4
140°	1344.2	1341.2	1339.7	1338.6	1336.5	1334.3	1332.2	1330.0	1332.2	1334.3	1336.5
142.5°	1387.6	1384.1	1382.3	1381.4	1379.5	1377.6	1375.7	1373.8	1375.7	1377.6	1379.5
145°	1425.7	1421.1	1418.8	1418.9	1419.2	1419.5	1419.7	1420.0	1419.7	1419.5	1419.2
147.5°	1463.4	1458.8	1456.5	1456.9	1457.7	1458.6	1459.4	1460.2	1459.4	1458.6	1457.7
150°	1497.1	1492.8	1490.6	1491.5	1493.4	1495.3	1497.2	1499.1	1497.2	1495.3	1493.4
152.5°	1528.4	1524.3	1522.3	1523.4	1525.5	1527.7	1529.8	1532.0	1529.8	1527.7	1525.5
155°	1557.6	1554.3	1552.7	1553.9	1556.3	1558.8	1561.2	1563.6	1561.2	1558.8	1556.3
157.5°	1583.1	1580.6	1579.4	1580.5	1582.7	1584.8	1587.0	1589.2	1587.0	1584.8	1582.7
160°	1606.2	1604.6	1603.8	1604.6	1606.2	1607.9	1609.5	1611.1	1609.5	1607.9	1606.2
162.5°	1625.3	1624.0	1623.3	1624.1	1625.7	1627.4	1629.0	1630.6	1629.0	1627.4	1625.7
165°	1641.5	1640.7	1640.3	1641.1	1642.7	1644.4	1646.0	1647.6	1646.0	1644.4	1642.7
167.5°	1654.9	1654.1	1653.7	1654.5	1656.1	1657.8	1659.4	1661.0	1659.4	1657.8	1656.1
170°	1665.4	1664.9	1664.6	1665.4	1667.0	1668.7	1670.3	1671.9	1670.3	1668.7	1667.0
172.5°	1672.7	1672.2	1671.9	1672.7	1674.3	1676.0	1677.6	1679.2	1677.6	1676.0	1674.3
175°	1677.6	1677.1	1676.8	1677.7	1679.6	1681.5	1683.4	1685.3	1683.4	1681.5	1679.6
177.5°	1679.6	1679.3	1679.2	1680.1	1682.0	1683.9	1685.8	1687.7	1685.8	1683.9	1682.0
180°	1681.7	1681.7	1681.7	1681.7	1681.7	1681.7	1681.7	1681.7	1681.7	1681.7	1681.7

TEST NUMBER: P1029603

CATALOG NUMBER: S122DIW-B675D1240UB2750-4F0-XX-W2A-A_4000K

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
0°	1327.6	1327.6	1327.6	1327.6	1327.6	1327.6	1327.6	1327.6	1327.6	1327.6	1327.6
2.5°	1313.3	1318.4	1317.4	1307.2	1295.9	1286.7	1269.4	1271.4	1265.3	1266.3	1272.5
5°	1280.6	1280.6	1276.5	1262.3	1243.9	1233.7	1214.3	1209.2	1196.9	1195.9	1194.9
7.5°	1245.9	1240.8	1235.7	1215.3	1192.9	1176.5	1150.0	1143.9	1131.6	1123.5	1119.4
10°	1205.1	1198.0	1187.8	1164.3	1136.7	1116.3	1088.8	1080.6	1057.1	1046.9	1040.8
12.5°	1160.2	1156.1	1139.8	1120.4	1075.5	1053.1	1013.3	1021.4	998.0	977.6	974.5
15°	1115.3	1100.0	1090.8	1059.2	1005.1	994.9	963.3	946.9	925.5	909.2	909.2
17.5°	1071.4	1048.0	1027.6	993.9	954.1	925.5	902.0	893.9	867.4	851.0	848.0
20°	1013.3	986.7	981.6	933.7	906.1	874.5	852.0	831.6	812.2	805.1	800.0
22.5°	958.2	927.6	919.4	878.6	851.0	819.4	796.9	782.7	768.4	763.3	754.1
25°	899.0	880.6	868.4	824.5	793.9	764.3	749.0	738.8	725.5	724.5	718.4
27.5°	841.8	824.5	812.2	770.4	748.0	720.4	708.2	696.9	689.8	686.7	683.7
30°	792.9	773.5	759.2	728.6	701.0	678.6	668.4	661.2	657.1	652.0	651.0
32.5°	738.8	727.6	708.2	684.7	663.3	641.8	635.7	630.6	624.5	622.5	621.4
35°	692.9	677.6	665.3	638.8	629.6	611.2	604.1	600.0	591.8	589.8	587.8
37.5°	648.0	633.7	620.4	604.1	586.7	576.5	572.5	566.3	562.2	563.3	561.2
40°	603.1	591.8	581.6	564.3	554.1	549.0	540.8	534.7	532.7	533.7	532.7
42.5°	559.2	549.0	542.9	529.6	519.4	514.3	509.2	503.1	506.1	506.1	509.2
45°	519.4	510.2	506.1	495.9	489.8	481.6	476.5	475.5	479.6	478.6	478.6
47.5°	478.6	475.5	470.4	461.2	453.1	448.0	446.9	446.9	451.0	453.1	452.0
50°	446.9	440.8	434.7	427.6	421.4	419.4	416.3	418.4	422.5	422.5	424.5
52.5°	407.1	403.1	401.0	394.9	390.8	390.8	390.8	391.8	394.9	398.0	396.9
55°	372.5	369.4	367.3	364.3	359.2	360.2	359.2	361.2	364.3	367.3	369.4
57.5°	335.7	334.7	332.7	327.6	327.6	326.5	329.6	330.6	335.7	337.8	340.8
60°	303.1	300.0	300.0	295.9	295.9	295.9	299.0	302.0	306.1	307.1	309.2
62.5°	268.4	268.4	267.3	264.3	264.3	267.3	268.4	272.5	274.5	274.5	277.6
65°	235.7	234.7	233.7	234.7	235.7	235.7	238.8	240.8	242.9	243.9	244.9
67.5°	203.1	202.0	204.1	203.1	205.1	209.2	208.2	211.2	214.3	214.3	215.3
70°	172.5	174.5	173.5	175.5	174.5	176.5	179.6	180.6	180.6	181.6	184.7
72.5°	143.9	143.9	143.9	142.9	143.9	145.9	148.0	149.0	151.0	152.0	155.1
75°	116.3	116.3	114.3	116.3	116.3	118.4	120.4	120.4	120.4	122.4	125.5
77.5°	87.8	88.8	87.8	89.8	89.8	90.8	92.9	91.8	93.9	94.9	95.9
80°	64.3	63.3	63.3	63.3	64.3	64.3	66.3	67.3	67.3	70.4	68.4
82.5°	40.8	41.8	40.8	41.8	41.8	42.9	41.8	42.9	43.9	45.9	44.9
85°	23.5	22.4	22.4	23.5	22.4	22.4	23.5	22.4	23.5	22.4	23.5
87.5°	9.2	8.2	8.2	8.2	8.2	7.1	7.1	6.1	6.1	6.1	5.1
90°	13.1	14.6	15.7	17.8	20.0	22.1	24.3	25.7	27.0	28.4	29.7
92.5°	26.1	25.6	26.0	26.8	27.6	28.4	29.2	29.7	30.3	30.8	31.3
95°	43.4	38.9	39.9	41.8	43.7	45.6	47.5	48.8	50.2	51.5	52.8
97.5°	53.7	42.6	44.8	49.1	53.4	57.8	62.1	62.9	63.7	64.5	65.3
100°	67.2	48.7	51.0	55.6	60.2	64.8	69.4	71.6	73.7	75.9	78.0
102.5°	293.6	293.3	268.7	219.5	170.2	121.0	71.8	74.8	77.8	80.7	83.7
105°	402.3	406.4	369.5	295.7	221.8	148.0	74.2	77.2	80.2	83.1	86.1
107.5°	483.3	486.7	441.1	350.0	258.9	167.8	76.7	79.7	82.6	85.6	88.5
110°	561.8	564.6	525.5	447.4	369.2	291.1	212.9	185.9	158.9	131.8	104.8

TEST NUMBER: P1029603

CATALOG NUMBER: S122DIW-B675D1240UB2750-4F0-XX-W2A-A_4000K

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
112.5°	636.4	638.8	636.5	631.9	627.4	622.8	618.2	501.6	385.1	268.5	152.0
115°	718.1	720.4	723.8	730.5	737.3	744.0	750.8	625.6	500.4	375.2	250.0
117.5°	793.1	795.8	798.1	802.7	807.3	811.9	816.5	777.8	739.2	700.5	661.8
120°	868.0	870.0	872.4	877.3	882.2	887.0	891.9	895.1	898.4	901.6	904.9
122.5°	937.2	939.4	942.1	947.5	952.9	958.3	963.7	965.3	966.9	968.6	970.2
125°	1003.3	1005.1	1007.7	1012.8	1017.9	1023.1	1028.2	1030.1	1032.0	1033.9	1035.8
127.5°	1067.7	1069.6	1071.6	1075.7	1079.7	1083.8	1087.8	1090.5	1093.2	1095.9	1098.6
130°	1129.5	1131.7	1133.2	1136.1	1139.1	1142.0	1145.0	1148.0	1151.0	1153.9	1156.9
132.5°	1187.0	1188.8	1190.3	1193.3	1196.2	1199.2	1202.2	1204.6	1207.1	1209.5	1212.0
135°	1241.4	1243.6	1244.8	1247.3	1249.7	1252.2	1254.6	1257.3	1260.0	1262.7	1265.4
137.5°	1290.7	1292.3	1293.6	1296.3	1299.0	1301.7	1304.4	1307.1	1309.8	1312.5	1315.2
140°	1338.6	1339.7	1341.2	1344.2	1347.1	1350.1	1353.1	1355.5	1358.0	1360.4	1362.9
142.5°	1381.4	1382.3	1384.1	1387.6	1391.1	1394.6	1398.1	1400.3	1402.5	1404.6	1406.8
145°	1418.9	1418.8	1421.1	1425.7	1430.3	1434.9	1439.5	1441.4	1443.3	1445.2	1447.1
147.5°	1456.9	1456.5	1458.8	1463.4	1468.0	1472.6	1477.2	1478.6	1479.9	1481.3	1482.6
150°	1491.5	1490.6	1492.8	1497.1	1501.4	1505.8	1510.1	1511.7	1513.3	1515.0	1516.6
152.5°	1523.4	1522.3	1524.3	1528.4	1532.4	1536.5	1540.5	1542.1	1543.7	1545.4	1547.0
155°	1553.9	1552.7	1554.3	1557.6	1560.8	1564.1	1567.3	1568.9	1570.5	1572.2	1573.8
157.5°	1580.5	1579.4	1580.6	1583.1	1585.5	1588.0	1590.4	1592.3	1594.2	1596.1	1598.0
160°	1604.6	1603.8	1604.6	1606.2	1607.9	1609.5	1611.1	1612.7	1614.3	1616.0	1617.6
162.5°	1624.1	1623.3	1624.0	1625.3	1626.6	1628.0	1629.3	1631.2	1633.1	1635.0	1636.9
165°	1641.1	1640.3	1640.7	1641.5	1642.3	1643.1	1643.9	1645.8	1647.7	1649.6	1651.5
167.5°	1654.5	1653.7	1654.1	1654.9	1655.7	1656.5	1657.3	1659.2	1661.1	1663.0	1664.9
170°	1665.4	1664.6	1664.9	1665.4	1666.0	1666.5	1667.1	1669.0	1670.9	1672.8	1674.7
172.5°	1672.7	1671.9	1672.2	1672.7	1673.3	1673.8	1674.4	1676.3	1678.2	1680.1	1682.0
175°	1677.7	1676.8	1677.1	1677.6	1678.1	1678.7	1679.2	1681.1	1683.0	1684.9	1686.8
177.5°	1680.1	1679.2	1679.3	1679.6	1679.9	1680.1	1680.4	1682.3	1684.2	1686.1	1688.0
180°	1681.7	1681.7	1681.7	1681.7	1681.7	1681.7	1681.7	1681.7	1681.7	1681.7	1681.7

TEST NUMBER: P1029603

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CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
0°	1327.6	1327.6	1327.6	1327.6	1327.6	1327.6	1327.6	1327.6	1327.6	1327.6	1327.6
2.5°	1265.3	1268.4	1261.2	1259.2	1261.2	1254.1	1256.1	1258.2	1258.2	1261.2	1263.3
5°	1191.8	1187.8	1180.6	1178.6	1176.5	1179.6	1177.6	1180.6	1181.6	1188.8	1189.8
7.5°	1119.4	1113.3	1107.1	1101.0	1099.0	1093.9	1099.0	1099.0	1106.1	1104.1	1109.2
10°	1033.7	1032.7	1024.5	1021.4	1017.4	1009.2	1020.4	1017.4	1022.5	1031.6	1033.7
12.5°	970.4	959.2	964.3	950.0	955.1	946.9	948.0	948.0	956.1	957.1	955.1
15°	910.2	901.0	887.8	881.6	878.6	874.5	887.8	888.8	882.7	896.9	891.8
17.5°	849.0	849.0	836.7	833.7	825.5	829.6	827.6	828.6	826.5	836.7	841.8
20°	795.9	790.8	786.7	787.8	777.6	775.5	773.5	775.5	782.7	789.8	791.8
22.5°	753.1	750.0	739.8	741.8	733.7	736.7	734.7	739.8	740.8	740.8	748.0
25°	712.2	708.2	709.2	705.1	702.0	702.0	699.0	702.0	706.1	708.2	709.2
27.5°	681.6	678.6	673.5	670.4	672.5	667.4	671.4	674.5	674.5	672.5	674.5
30°	644.9	646.9	646.9	636.7	640.8	638.8	641.8	643.9	643.9	644.9	642.9
32.5°	620.4	614.3	613.3	612.2	612.2	608.2	608.2	611.2	612.2	613.3	616.3
35°	587.8	587.8	582.7	585.7	581.6	582.7	581.6	582.7	584.7	581.6	584.7
37.5°	558.2	559.2	557.1	559.2	560.2	558.2	556.1	560.2	558.2	558.2	556.1
40°	532.7	531.6	532.7	532.7	532.7	533.7	531.6	531.6	531.6	529.6	527.6
42.5°	511.2	505.1	507.1	508.2	505.1	505.1	506.1	505.1	508.2	502.0	502.0
45°	480.6	478.6	479.6	479.6	481.6	478.6	480.6	481.6	478.6	477.6	475.5
47.5°	453.1	455.1	453.1	455.1	455.1	457.1	453.1	454.1	455.1	451.0	448.0
50°	425.5	425.5	428.6	427.6	428.6	426.5	426.5	425.5	426.5	424.5	421.4
52.5°	400.0	396.9	402.0	401.0	400.0	399.0	398.0	399.0	396.9	394.9	394.9
55°	368.4	368.4	371.4	372.5	372.5	370.4	368.4	369.4	368.4	367.3	366.3
57.5°	342.9	338.8	340.8	341.8	341.8	338.8	340.8	338.8	338.8	339.8	336.7
60°	310.2	310.2	308.2	311.2	311.2	309.2	309.2	310.2	308.2	307.1	306.1
62.5°	275.5	276.5	279.6	280.6	281.6	279.6	277.6	278.6	278.6	275.5	276.5
65°	245.9	248.0	252.0	251.0	249.0	250.0	248.0	249.0	245.9	246.9	243.9
67.5°	217.3	216.3	217.3	217.3	219.4	218.4	216.3	216.3	215.3	218.4	215.3
70°	186.7	186.7	186.7	186.7	187.8	188.8	186.7	184.7	185.7	183.7	182.7
72.5°	155.1	156.1	155.1	157.1	154.1	156.1	156.1	155.1	154.1	154.1	154.1
75°	125.5	127.6	124.5	125.5	124.5	126.5	125.5	125.5	123.5	122.4	123.5
77.5°	95.9	96.9	94.9	95.9	94.9	95.9	95.9	94.9	94.9	94.9	94.9
80°	68.4	69.4	68.4	67.3	66.3	68.4	66.3	67.3	68.4	67.3	69.4
82.5°	43.9	43.9	42.9	43.9	41.8	41.8	42.9	42.9	41.8	43.9	41.8
85°	21.4	21.4	23.5	21.4	20.4	20.4	20.4	21.4	20.4	22.4	21.4
87.5°	5.1	4.1	5.1	5.1	4.1	4.1	5.1	4.1	5.1	6.1	4.1
90°	30.4	30.7	31.2	31.8	32.3	32.9	32.3	31.8	31.2	30.7	30.4
92.5°	31.6	31.7	32.0	32.3	32.6	32.9	32.6	32.3	32.0	31.7	31.6
95°	53.5	53.4	53.1	52.8	52.6	52.3	52.6	52.8	53.1	53.4	53.5
97.5°	65.7	65.8	66.1	66.4	66.6	66.9	66.6	66.4	66.1	65.8	65.7
100°	79.1	79.4	79.9	80.4	81.0	81.5	81.0	80.4	79.9	79.4	79.1
102.5°	85.2	85.6	86.4	87.2	88.0	88.8	88.0	87.2	86.4	85.6	85.2
105°	87.6	88.1	89.2	90.3	91.4	92.5	91.4	90.3	89.2	88.1	87.6
107.5°	90.0	90.5	91.6	92.7	93.8	94.9	93.8	92.7	91.6	90.5	90.0
110°	91.3	91.8	92.9	94.0	95.0	96.1	95.0	94.0	92.9	91.8	91.3

TEST NUMBER: P1029603

CATALOG NUMBER: S122DIW-B675D1240UB2750-4F0-XX-W2A-A_4000K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
112.5°	93.7	94.1	94.9	95.7	96.5	97.3	96.5	95.7	94.9	94.1	93.7
115°	187.4	177.7	158.2	138.7	119.3	99.8	119.3	138.7	158.2	177.7	187.4
117.5°	642.5	607.1	536.2	465.4	394.5	323.7	394.5	465.4	536.2	607.1	642.5
120°	906.5	888.3	851.8	815.3	778.8	742.3	778.8	815.3	851.8	888.3	906.5
122.5°	971.0	971.1	971.4	971.7	971.9	972.2	971.9	971.7	971.4	971.1	971.0
125°	1036.7	1037.1	1037.9	1038.8	1039.6	1040.4	1039.6	1038.8	1037.9	1037.1	1036.7
127.5°	1100.0	1100.1	1100.4	1100.7	1100.9	1101.2	1100.9	1100.7	1100.4	1100.1	1100.0
130°	1158.4	1158.3	1158.0	1157.7	1157.5	1157.2	1157.5	1157.7	1158.0	1158.3	1158.4
132.5°	1213.2	1213.1	1212.8	1212.5	1212.3	1212.0	1212.3	1212.5	1212.8	1213.1	1213.2
135°	1266.7	1266.4	1265.9	1265.4	1264.8	1264.3	1264.8	1265.4	1265.9	1266.4	1266.7
137.5°	1316.6	1316.2	1315.4	1314.6	1313.8	1313.0	1313.8	1314.6	1315.4	1316.2	1316.6
140°	1364.1	1363.4	1362.1	1360.7	1359.4	1358.0	1359.4	1360.7	1362.1	1363.4	1364.1
142.5°	1407.9	1407.2	1405.9	1404.5	1403.2	1401.8	1403.2	1404.5	1405.9	1407.2	1407.9
145°	1448.0	1447.3	1446.0	1444.6	1443.3	1441.9	1443.3	1444.6	1446.0	1447.3	1448.0
147.5°	1483.3	1482.8	1481.7	1480.6	1479.6	1478.5	1479.6	1480.6	1481.7	1482.8	1483.3
150°	1517.4	1516.7	1515.4	1514.0	1512.7	1511.3	1512.7	1514.0	1515.4	1516.7	1517.4
152.5°	1547.8	1546.9	1545.0	1543.1	1541.2	1539.3	1541.2	1543.1	1545.0	1546.9	1547.8
155°	1574.6	1573.5	1571.3	1569.2	1567.0	1564.8	1567.0	1569.2	1571.3	1573.5	1574.6
157.5°	1598.9	1597.8	1595.7	1593.5	1591.4	1589.2	1591.4	1593.5	1595.7	1597.8	1598.9
160°	1618.4	1617.5	1615.6	1613.7	1611.8	1609.9	1611.8	1613.7	1615.6	1617.5	1618.4
162.5°	1637.9	1636.7	1634.2	1631.8	1629.3	1626.9	1629.3	1631.8	1634.2	1636.7	1637.9
165°	1652.5	1651.5	1649.6	1647.7	1645.8	1643.9	1645.8	1647.7	1649.6	1651.5	1652.5
167.5°	1665.8	1664.6	1662.2	1659.7	1657.3	1654.9	1657.3	1659.7	1662.2	1664.6	1665.8
170°	1675.6	1674.4	1671.9	1669.5	1667.0	1664.6	1667.0	1669.5	1671.9	1674.4	1675.6
172.5°	1682.9	1681.7	1679.2	1676.8	1674.3	1671.9	1674.3	1676.8	1679.2	1681.7	1682.9
175°	1687.7	1686.4	1683.7	1681.0	1678.3	1675.6	1678.3	1681.0	1683.7	1686.4	1687.7
177.5°	1689.0	1687.8	1685.3	1682.9	1680.4	1678.0	1680.4	1682.9	1685.3	1687.8	1689.0
180°	1681.7	1681.7	1681.7	1681.7	1681.7	1681.7	1681.7	1681.7	1681.7	1681.7	1681.7

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CATALOG NUMBER: S122DIW-B675D1240UB2750-4F0-XX-W2A-A_4000K

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
0°	1327.6	1327.6	1327.6	1327.6	1327.6	1327.6	1327.6	1327.6	1327.6	1327.6	1327.6
2.5°	1260.2	1268.4	1265.3	1254.1	1267.4	1267.4	1276.5	1276.5	1287.8	1291.8	1298.0
5°	1188.8	1194.9	1200.0	1194.9	1204.1	1218.4	1226.5	1233.7	1249.0	1255.1	1264.3
7.5°	1112.3	1123.5	1128.6	1128.6	1143.9	1160.2	1176.5	1186.7	1208.2	1216.3	1225.5
10°	1037.8	1051.0	1061.2	1060.2	1085.7	1095.9	1116.3	1139.8	1161.2	1173.5	1186.7
12.5°	959.2	966.3	980.6	1001.0	1007.1	1025.5	1049.0	1078.6	1117.4	1128.6	1148.0
15°	893.9	913.3	924.5	933.7	948.0	965.3	990.8	1019.4	1058.2	1082.7	1103.1
17.5°	838.8	864.3	871.4	869.4	887.8	914.3	943.9	965.3	1000.0	1029.6	1049.0
20°	793.9	804.1	816.3	821.4	835.7	864.3	892.9	917.4	945.9	969.4	991.8
22.5°	749.0	757.1	767.4	776.5	787.8	804.1	831.6	862.3	889.8	912.3	937.8
25°	712.2	717.4	726.5	733.7	745.9	757.1	776.5	810.2	842.9	856.1	878.6
27.5°	676.5	680.6	686.7	694.9	701.0	712.2	729.6	757.1	790.8	804.1	834.7
30°	644.9	648.0	654.1	658.2	661.2	674.5	687.8	709.2	734.7	753.1	775.5
32.5°	615.3	618.4	624.5	625.5	629.6	636.7	649.0	668.4	690.8	706.1	725.5
35°	582.7	584.7	590.8	592.9	595.9	602.0	611.2	625.5	645.9	657.1	674.5
37.5°	557.1	556.1	560.2	563.3	567.4	570.4	573.5	587.8	603.1	613.3	626.5
40°	529.6	527.6	528.6	532.7	534.7	538.8	538.8	553.1	563.3	571.4	581.6
42.5°	502.0	501.0	499.0	501.0	503.1	504.1	505.1	515.3	525.5	532.7	543.9
45°	474.5	473.5	471.4	472.5	472.5	474.5	477.6	481.6	488.8	494.9	501.0
47.5°	449.0	446.9	443.9	442.9	444.9	444.9	444.9	449.0	456.1	458.2	464.3
50°	422.5	419.4	415.3	413.3	413.3	412.2	414.3	415.3	421.4	423.5	428.6
52.5°	393.9	391.8	387.8	383.7	384.7	382.7	383.7	384.7	386.7	389.8	392.9
55°	365.3	361.2	358.2	357.1	354.1	354.1	351.0	355.1	354.1	355.1	359.2
57.5°	337.8	333.7	328.6	326.5	323.5	322.5	320.4	319.4	320.4	323.5	326.5
60°	305.1	303.1	300.0	296.9	294.9	291.8	289.8	289.8	288.8	288.8	289.8
62.5°	273.5	272.5	268.4	267.3	265.3	263.3	260.2	258.2	258.2	260.2	261.2
65°	242.9	241.8	238.8	237.8	232.7	230.6	229.6	228.6	226.5	226.5	226.5
67.5°	214.3	211.2	211.2	206.1	202.0	200.0	198.0	196.9	196.9	196.9	198.0
70°	182.7	182.7	179.6	176.5	172.5	173.5	170.4	167.3	167.3	165.3	166.3
72.5°	152.0	151.0	148.0	146.9	143.9	140.8	138.8	140.8	137.8	136.7	137.8
75°	122.4	121.4	119.4	117.3	118.4	115.3	112.2	111.2	111.2	109.2	109.2
77.5°	93.9	95.9	91.8	90.8	88.8	86.7	85.7	84.7	84.7	84.7	86.7
80°	65.3	66.3	66.3	64.3	65.3	62.2	62.2	62.2	59.2	60.2	61.2
82.5°	41.8	41.8	40.8	41.8	40.8	40.8	39.8	39.8	38.8	38.8	39.8
85°	23.5	22.4	21.4	23.5	22.4	22.4	21.4	21.4	21.4	21.4	21.4
87.5°	5.1	6.1	6.1	6.1	6.1	7.1	7.1	7.1	8.2	8.2	8.2
90°	29.7	28.4	27.0	25.7	24.3	22.1	20.0	17.8	15.7	14.6	13.1
92.5°	31.3	30.8	30.3	29.7	29.2	28.4	27.6	26.8	26.0	25.6	26.1
95°	52.8	51.5	50.2	48.8	47.5	45.6	43.7	41.8	39.9	38.9	43.4
97.5°	65.3	64.5	63.7	62.9	62.1	57.8	53.4	49.1	44.8	42.6	53.7
100°	78.0	75.9	73.7	71.6	69.4	64.8	60.2	55.6	51.0	48.7	67.2
102.5°	83.7	80.7	77.8	74.8	71.8	121.0	170.2	219.5	268.7	293.3	293.6
105°	86.1	83.1	80.2	77.2	74.2	148.0	221.8	295.7	369.5	406.4	402.3
107.5°	88.5	85.6	82.6	79.7	76.7	167.8	258.9	350.0	441.1	486.7	483.3
110°	104.8	131.8	158.9	185.9	212.9	291.1	369.2	447.4	525.5	564.6	561.8

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CATALOG NUMBER: S122DIW-B675D1240UB2750-4F0-XX-W2A-A_4000K

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
112.5°	152.0	268.5	385.1	501.6	618.2	622.8	627.4	631.9	636.5	638.8	636.4
115°	250.0	375.2	500.4	625.6	750.8	744.0	737.3	730.5	723.8	720.4	718.1
117.5°	661.8	700.5	739.2	777.8	816.5	811.9	807.3	802.7	798.1	795.8	793.1
120°	904.9	901.6	898.4	895.1	891.9	887.0	882.2	877.3	872.4	870.0	868.0
122.5°	970.2	968.6	966.9	965.3	963.7	958.3	952.9	947.5	942.1	939.4	937.2
125°	1035.8	1033.9	1032.0	1030.1	1028.2	1023.1	1017.9	1012.8	1007.7	1005.1	1003.3
127.5°	1098.6	1095.9	1093.2	1090.5	1087.8	1083.8	1079.7	1075.7	1071.6	1069.6	1067.7
130°	1156.9	1153.9	1151.0	1148.0	1145.0	1142.0	1139.1	1136.1	1133.2	1131.7	1129.5
132.5°	1212.0	1209.5	1207.1	1204.6	1202.2	1199.2	1196.2	1193.3	1190.3	1188.8	1187.0
135°	1265.4	1262.7	1260.0	1257.3	1254.6	1252.2	1249.7	1247.3	1244.8	1243.6	1241.4
137.5°	1315.2	1312.5	1309.8	1307.1	1304.4	1301.7	1299.0	1296.3	1293.6	1292.3	1290.7
140°	1362.9	1360.4	1358.0	1355.5	1353.1	1350.1	1347.1	1344.2	1341.2	1339.7	1338.6
142.5°	1406.8	1404.6	1402.5	1400.3	1398.1	1394.6	1391.1	1387.6	1384.1	1382.3	1381.4
145°	1447.1	1445.2	1443.3	1441.4	1439.5	1434.9	1430.3	1425.7	1421.1	1418.8	1418.9
147.5°	1482.6	1481.3	1479.9	1478.6	1477.2	1472.6	1468.0	1463.4	1458.8	1456.5	1456.9
150°	1516.6	1515.0	1513.3	1511.7	1510.1	1505.8	1501.4	1497.1	1492.8	1490.6	1491.5
152.5°	1547.0	1545.4	1543.7	1542.1	1540.5	1536.5	1532.4	1528.4	1524.3	1522.3	1523.4
155°	1573.8	1572.2	1570.5	1568.9	1567.3	1564.1	1560.8	1557.6	1554.3	1552.7	1553.9
157.5°	1598.0	1596.1	1594.2	1592.3	1590.4	1588.0	1585.5	1583.1	1580.6	1579.4	1580.5
160°	1617.6	1616.0	1614.3	1612.7	1611.1	1609.5	1607.9	1606.2	1604.6	1603.8	1604.6
162.5°	1636.9	1635.0	1633.1	1631.2	1629.3	1628.0	1626.6	1625.3	1624.0	1623.3	1624.1
165°	1651.5	1649.6	1647.7	1645.8	1643.9	1643.1	1642.3	1641.5	1640.7	1640.3	1641.1
167.5°	1664.9	1663.0	1661.1	1659.2	1657.3	1656.5	1655.7	1654.9	1654.1	1653.7	1654.5
170°	1674.7	1672.8	1670.9	1669.0	1667.1	1666.5	1666.0	1665.4	1664.9	1664.6	1665.4
172.5°	1682.0	1680.1	1678.2	1676.3	1674.4	1673.8	1673.3	1672.7	1672.2	1671.9	1672.7
175°	1686.8	1684.9	1683.0	1681.1	1679.2	1678.7	1678.1	1677.6	1677.1	1676.8	1677.7
177.5°	1688.0	1686.1	1684.2	1682.3	1680.4	1680.1	1679.9	1679.6	1679.3	1679.2	1680.1
180°	1681.7	1681.7	1681.7	1681.7	1681.7	1681.7	1681.7	1681.7	1681.7	1681.7	1681.7

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CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
0°	1327.6	1327.6	1327.6	1327.6
2.5°	1303.1	1303.1	1318.4	1334.7
5°	1274.5	1281.6	1306.1	1328.6
7.5°	1246.9	1259.2	1289.8	1318.4
10°	1213.3	1229.6	1267.4	1301.0
12.5°	1180.6	1195.9	1239.8	1277.6
15°	1134.7	1154.1	1201.0	1248.0
17.5°	1088.8	1108.2	1165.3	1220.4
20°	1034.7	1060.2	1124.5	1198.0
22.5°	984.7	1016.3	1087.8	1146.9
25°	929.6	978.6	1044.9	1121.4
27.5°	880.6	929.6	996.9	1074.5
30°	825.5	875.5	944.9	1016.3
32.5°	772.5	818.4	885.7	973.5
35°	717.4	761.2	826.5	915.3
37.5°	667.4	710.2	781.6	863.3
40°	618.4	663.3	724.5	806.1
42.5°	572.5	612.2	667.4	749.0
45°	530.6	559.2	610.2	686.7
47.5°	486.7	512.2	559.2	635.7
50°	445.9	467.3	508.2	579.6
52.5°	406.1	424.5	462.2	519.4
55°	370.4	387.8	415.3	471.4
57.5°	333.7	346.9	373.5	418.4
60°	298.0	310.2	331.6	368.4
62.5°	262.2	272.5	292.9	322.5
65°	230.6	238.8	254.1	279.6
67.5°	200.0	205.1	217.3	237.8
70°	170.4	174.5	184.7	201.0
72.5°	138.8	142.9	154.1	165.3
75°	112.2	113.3	121.4	130.6
77.5°	87.8	86.7	92.9	100.0
80°	60.2	63.3	68.4	71.4
82.5°	40.8	41.8	43.9	45.9
85°	22.4	23.5	23.5	26.5
87.5°	9.2	10.2	10.2	11.2
90°	10.1	7.2	4.2	1.2
92.5°	27.2	28.3	29.3	30.4
95°	52.3	61.2	70.2	79.1
97.5°	75.9	98.0	120.2	142.4
100°	104.3	141.3	178.4	215.4
102.5°	294.1	294.6	295.2	295.7
105°	394.2	386.1	378.0	369.9
107.5°	476.6	469.8	463.1	456.3
110°	556.1	550.4	544.8	539.1



TEST NUMBER: P1029603

CATALOG NUMBER: S122DIW-B675D1240UB2750-4F0-XX-W2A-A_4000K

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
112.5°	631.5	626.6	621.8	616.9
115°	713.5	708.9	704.3	699.7
117.5°	787.7	782.3	776.9	771.5
120°	863.9	859.9	855.8	851.8
122.5°	932.9	928.6	924.2	919.9
125°	999.8	996.3	992.8	989.3
127.5°	1063.9	1060.2	1056.4	1052.6
130°	1125.2	1120.9	1116.5	1112.2
132.5°	1183.5	1180.0	1176.5	1173.0
135°	1237.1	1232.8	1228.4	1224.1
137.5°	1287.4	1284.2	1280.9	1277.7
140°	1336.5	1334.3	1332.2	1330.0
142.5°	1379.5	1377.6	1375.7	1373.8
145°	1419.2	1419.5	1419.7	1420.0
147.5°	1457.7	1458.6	1459.4	1460.2
150°	1493.4	1495.3	1497.2	1499.1
152.5°	1525.5	1527.7	1529.8	1532.0
155°	1556.3	1558.8	1561.2	1563.6
157.5°	1582.7	1584.8	1587.0	1589.2
160°	1606.2	1607.9	1609.5	1611.1
162.5°	1625.7	1627.4	1629.0	1630.6
165°	1642.7	1644.4	1646.0	1647.6
167.5°	1656.1	1657.8	1659.4	1661.0
170°	1667.0	1668.7	1670.3	1671.9
172.5°	1674.3	1676.0	1677.6	1679.2
175°	1679.6	1681.5	1683.4	1685.3
177.5°	1682.0	1683.9	1685.8	1687.7
180°	1681.7	1681.7	1681.7	1681.7

(END OF REPORT)