

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: P1029626

Luminaire Tested: S122DIW-B675D1440UB2750-4F0-XX-W2A-A1_3000K

Issue Date: 5/6/2025

Test Information

Test Method: LM-79-2019
Report Number: P1029626
REPORT IS A COMBINATION OF REPORTS P986468 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_3000K
Description: Define 2 Direct/Indirect Wall Mount with 3000K BioUP LEDs {m-DER=0.589} {m-EER=0.647}
Light Source: -
Ballast/Driver: -

Summary

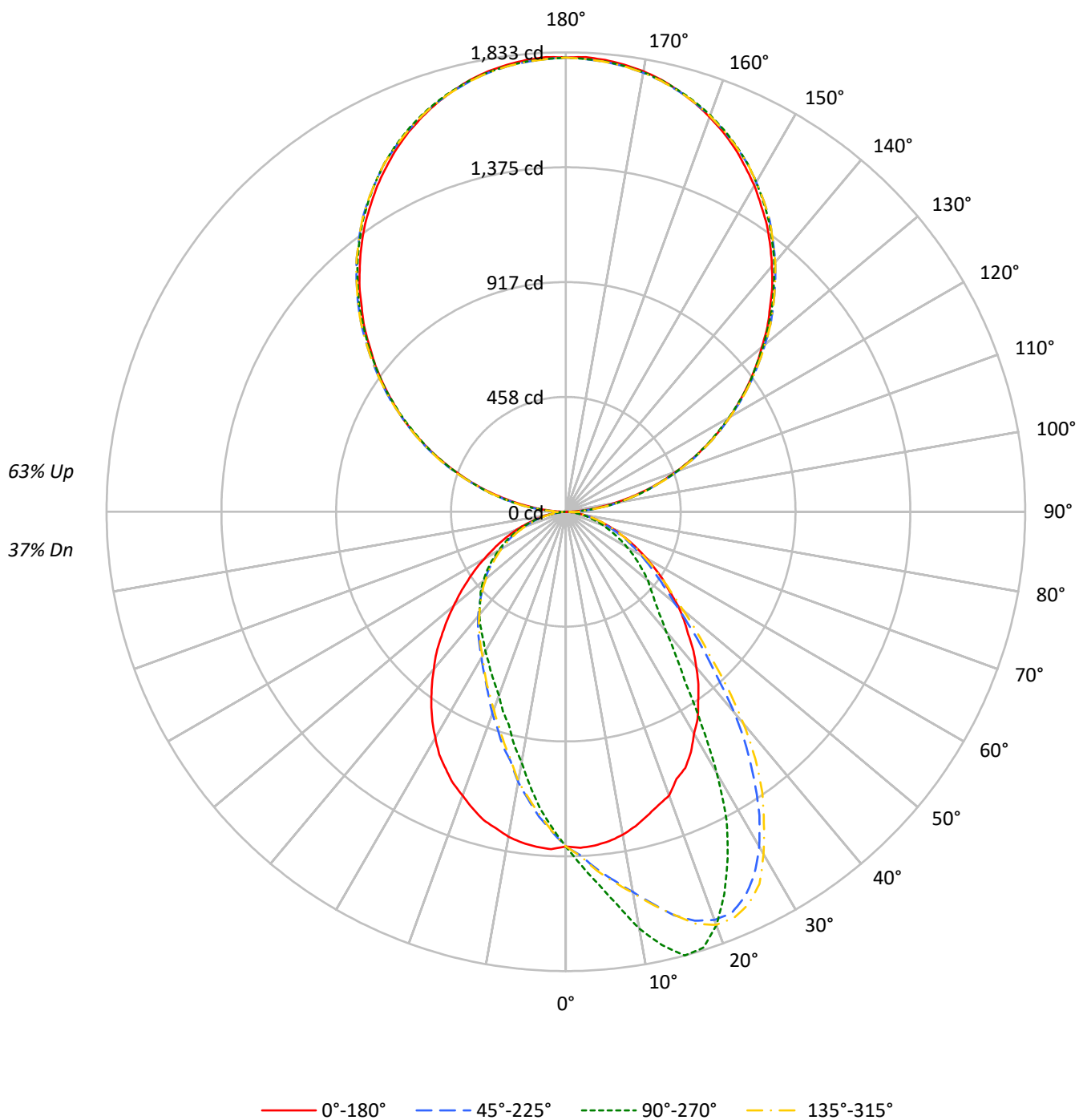
Lumens per Lamp: N/A
Luminaire Lumens: 8019.0 lumens
Efficiency: N/A
Efficacy: 91.0 lumens/watt
Spacing Criteria (0/90/45): 1.16 / 1.09 / 1.23
Luminous Opening: Rectangular w/ Sides (W: 0.17' x L: 4' x H: 0.1')
CIE Type: Semi-Indirect

Input Watts (W): 88.1
Input Voltage (V):
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT

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Luminous Intensity Polar Plot



TEST NUMBER: P1029626

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

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	21137	21137	21137	21137
5°	21187	22537	21268	17929
10°	20941	24603	21073	14781
15°	20433	25949	20718	12452
20°	20114	24365	20114	10822
25°	19473	20932	19562	9678
30°	18418	16454	18769	8766
35°	17484	11378	17776	8020
40°	16410	8590	16596	7427
45°	15085	7060	15332	6785
50°	13942	6196	13965	6211
55°	12636	5279	12716	5588
60°	11243	4410	11397	4877
65°	9996	3587	10178	4165
70°	8757	2815	8978	3359
75°	7351	2042	7636	2437
80°	5732	1295	6148	1446
85°	3772	651	4054	482

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 157.5°

Vertical Angle: 45°

Luminance: 21850 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	127.2	1.6
10°-20°	370.2	4.6
20°-30°	537.2	6.7
30°-40°	566.3	7.1
40°-50°	501.2	6.2
50°-60°	400.2	5.0
60°-70°	271.8	3.4
70°-80°	139.1	1.7
80°-90°	38.0	0.5
90°-100°	112.1	1.4
100°-110°	356.5	4.4
110°-120°	610.0	7.6
120°-130°	802.2	10.0
130°-140°	900.4	11.2
140°-150°	883.0	11.0
150°-160°	740.7	9.2
160°-170°	491.2	6.1
170°-180°	171.7	2.1
0°-30°	1034.6	12.9
0°-40°	1600.9	20.0
0°-60°	2502.3	31.2
0°-90°	2951.2	36.8
90°-120°	1078.6	13.5
90°-150°	3664.2	45.7
90°-180°	5068.0	63.2
0°-180°	8019.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1335	1335	1335	1335	1335	
5°	1336	1491	1341	1186	1336	127
15°	1255	1833	1273	880	1255	355
25°	1128	1527	1133	706	1128	516
35°	921	831	936	586	921	576
45°	691	501	702	481	691	536
55°	474	352	477	373	474	423
65°	281	217	286	252	281	280
75°	131	107	136	127	131	141
85°	27	28	29	20	27	31
90°	2	52	2	52	2	7
95°	80	95	80	95	80	89
105°	329	340	329	340	329	347
115°	612	612	612	612	612	605
125°	890	893	890	893	890	796
135°	1152	1166	1152	1166	1152	890
145°	1398	1413	1398	1413	1398	874
155°	1598	1611	1598	1611	1598	736
165°	1739	1741	1739	1741	1739	491
175°	1810	1804	1810	1804	1810	172
180°	1813	1813	1813	1813	1813	

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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	1335.3	1335.3	1335.3	1335.3	1335.3	1335.3	1335.3	1335.3	1335.3	1335.3	1335.3
2.5°	1342.4	1345.5	1350.7	1351.7	1361.9	1370.2	1379.4	1379.4	1382.5	1381.4	1373.2
5°	1336.3	1345.5	1358.9	1370.2	1388.6	1396.8	1409.2	1418.4	1426.6	1432.8	1431.7
7.5°	1326.0	1342.4	1361.9	1383.5	1408.1	1422.5	1440.0	1456.4	1467.7	1477.9	1485.1
10°	1308.6	1336.3	1363.0	1391.7	1423.5	1443.0	1463.6	1485.1	1502.6	1522.1	1540.5
12.5°	1285.0	1325.0	1357.8	1395.8	1434.8	1456.4	1489.2	1505.6	1539.5	1588.8	1602.1
15°	1255.2	1309.6	1340.4	1388.6	1440.0	1457.4	1502.6	1529.2	1599.0	1629.8	1666.8
17.5°	1227.5	1288.1	1329.1	1384.5	1434.8	1468.7	1512.8	1567.2	1625.7	1669.9	1710.9
20°	1204.9	1263.4	1312.7	1374.3	1437.9	1481.0	1527.2	1592.9	1656.5	1701.7	1733.5
22.5°	1153.6	1228.5	1286.0	1354.8	1431.7	1491.3	1535.4	1607.2	1676.0	1703.7	1731.4
25°	1127.9	1192.6	1259.3	1337.3	1427.6	1498.5	1536.4	1616.5	1677.0	1687.3	1693.5
27.5°	1080.7	1153.6	1231.6	1320.9	1426.6	1486.1	1534.4	1607.2	1655.5	1648.3	1629.8
30°	1022.2	1111.5	1197.7	1294.2	1412.2	1476.9	1522.1	1588.8	1613.4	1576.5	1543.6
32.5°	979.1	1063.3	1158.7	1270.6	1395.8	1457.4	1501.5	1553.9	1559.0	1492.3	1436.9
35°	920.6	1014.0	1121.8	1239.8	1368.1	1423.5	1464.6	1496.4	1471.8	1378.4	1312.7
37.5°	868.3	960.7	1075.6	1195.7	1330.1	1384.5	1417.4	1422.5	1361.9	1279.8	1183.4
40°	810.8	906.3	1026.3	1152.6	1288.1	1335.3	1355.8	1340.4	1253.2	1157.7	1045.8
42.5°	753.3	847.8	977.1	1106.4	1234.7	1274.7	1282.9	1240.8	1134.1	1022.2	892.9
45°	690.7	789.3	918.6	1048.9	1173.1	1195.7	1196.7	1136.2	1009.9	892.9	772.8
47.5°	639.4	730.8	859.0	989.4	1094.1	1109.5	1103.3	1033.5	896.0	764.6	659.9
50°	583.0	670.2	797.5	925.8	1015.0	1019.2	1003.8	904.2	769.8	649.7	566.5
52.5°	522.4	610.7	727.7	850.8	930.9	924.7	895.0	788.2	662.0	562.4	498.8
55°	474.2	552.2	662.0	782.1	838.5	821.1	788.2	679.4	579.9	495.7	440.3
57.5°	420.8	489.6	597.3	702.0	734.9	718.4	685.6	584.0	491.6	428.0	391.0
60°	370.5	433.1	527.5	614.8	640.4	623.0	585.0	493.7	427.0	373.6	345.9
62.5°	324.3	378.7	457.7	537.8	548.1	530.6	497.8	423.9	366.4	324.3	303.8
65°	281.2	332.5	396.2	456.7	466.0	447.5	413.6	360.2	312.0	285.3	265.8
67.5°	239.1	280.2	336.6	380.8	385.9	368.5	340.7	297.6	267.9	239.1	224.8
70°	202.2	233.0	277.1	313.0	315.1	298.7	284.3	245.3	222.7	202.2	190.9
72.5°	166.3	187.8	221.7	248.4	249.4	239.1	225.8	201.2	181.7	167.3	156.0
75°	131.4	149.8	170.4	194.0	193.0	184.7	174.5	159.1	142.7	133.4	128.3
77.5°	100.6	111.9	128.3	143.7	143.7	139.6	133.4	122.1	111.9	102.6	97.5
80°	71.8	79.0	92.4	97.5	99.6	98.5	93.4	85.2	81.1	73.9	71.8
82.5°	46.2	51.3	57.5	62.6	65.7	63.6	62.6	58.5	52.3	50.3	48.2
85°	26.7	28.7	31.8	34.9	35.9	34.9	36.9	33.9	30.8	30.8	29.8
87.5°	11.3	12.3	14.4	14.4	15.4	15.4	14.4	15.4	15.4	14.4	13.3
90°	1.5	5.6	9.7	13.8	17.9	19.9	23.6	31.1	38.6	46.0	53.5
92.5°	33.7	36.4	39.1	41.8	44.5	45.9	46.1	46.4	46.7	47.1	47.4
95°	79.5	82.9	86.3	89.7	93.1	94.8	95.1	95.8	96.5	97.2	97.9
97.5°	133.1	136.1	139.2	142.2	145.3	146.8	147.5	148.9	150.2	151.6	153.0
100°	194.3	197.0	199.7	202.4	205.1	206.5	207.0	208.0	209.1	210.1	211.1
102.5°	258.5	260.5	262.6	264.6	266.7	267.7	268.4	269.7	271.1	272.4	273.8
105°	328.9	329.9	330.9	332.0	333.0	333.5	333.8	334.5	335.2	335.8	336.5
107.5°	399.2	400.6	402.0	403.3	404.7	405.4	405.4	405.4	405.4	405.4	405.4
110°	466.5	468.5	470.6	472.6	474.7	475.7	475.7	475.7	475.7	475.7	475.7

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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	540.0	542.0	544.1	546.1	548.2	549.2	549.0	548.7	548.3	548.0	547.6
115°	611.9	613.9	615.9	618.0	620.0	621.0	620.7	620.0	619.3	618.7	618.0
117.5°	683.8	686.5	689.2	691.9	694.6	696.0	695.2	693.5	691.8	690.1	688.4
120°	755.7	758.4	761.1	763.8	766.5	767.9	766.5	763.8	761.1	758.4	755.7
122.5°	821.4	824.8	828.2	831.6	835.0	836.7	835.9	834.2	832.5	830.8	829.1
125°	890.3	893.3	896.4	899.4	902.5	904.0	903.5	902.5	901.4	900.4	899.4
127.5°	957.6	961.3	965.1	968.8	972.5	974.4	973.7	972.4	971.0	969.7	968.3
130°	1020.3	1024.7	1029.1	1033.6	1038.0	1040.2	1039.9	1039.2	1038.5	1037.8	1037.1
132.5°	1090.7	1094.1	1097.5	1100.8	1104.2	1105.9	1106.1	1106.4	1106.8	1107.1	1107.5
135°	1151.8	1155.6	1159.3	1163.1	1166.8	1168.7	1169.0	1169.7	1170.4	1171.0	1171.7
137.5°	1219.1	1222.2	1225.2	1228.3	1231.4	1232.9	1233.2	1233.9	1234.6	1235.3	1236.0
140°	1278.8	1281.9	1284.9	1288.0	1291.1	1292.6	1293.4	1295.1	1296.8	1298.5	1300.2
142.5°	1340.0	1343.1	1346.1	1349.2	1352.3	1353.8	1354.3	1355.3	1356.3	1357.3	1358.3
145°	1398.1	1400.5	1402.9	1405.2	1407.6	1408.8	1409.8	1411.9	1413.9	1416.0	1418.0
147.5°	1450.1	1453.2	1456.2	1459.3	1462.4	1463.9	1464.6	1465.9	1467.3	1468.6	1470.0
150°	1503.7	1505.7	1507.7	1509.8	1511.8	1512.8	1513.5	1514.9	1516.2	1517.6	1519.0
152.5°	1551.1	1553.1	1555.2	1557.2	1559.3	1560.3	1561.1	1562.8	1564.5	1566.2	1567.9
155°	1598.5	1599.5	1600.5	1601.6	1602.6	1603.1	1603.6	1604.6	1605.7	1606.7	1607.7
157.5°	1639.8	1640.5	1641.2	1641.9	1642.6	1642.9	1643.2	1643.9	1644.6	1645.2	1645.9
160°	1676.5	1677.2	1677.9	1678.6	1679.3	1679.6	1679.8	1680.1	1680.4	1680.8	1681.1
162.5°	1710.2	1710.2	1710.2	1710.2	1710.2	1710.2	1710.4	1710.7	1711.0	1711.4	1711.7
165°	1739.2	1738.9	1738.5	1738.2	1737.9	1737.7	1737.7	1737.7	1737.7	1737.7	1737.7
167.5°	1765.2	1764.2	1763.2	1762.1	1761.1	1760.6	1760.6	1760.6	1760.6	1760.6	1760.6
170°	1785.1	1784.1	1783.1	1782.0	1781.0	1780.5	1780.3	1780.0	1779.7	1779.3	1779.0
172.5°	1798.9	1797.9	1796.9	1795.8	1794.8	1794.3	1794.1	1793.8	1793.5	1793.1	1792.8
175°	1809.6	1808.6	1807.6	1806.5	1805.5	1805.0	1804.7	1804.0	1803.3	1802.6	1801.9
177.5°	1815.7	1814.7	1813.7	1812.6	1811.6	1811.1	1810.8	1810.1	1809.4	1808.8	1808.1
180°	1812.7	1812.7	1812.7	1812.7	1812.7	1812.7	1812.7	1812.7	1812.7	1812.7	1812.7

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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	1335.3	1335.3	1335.3	1335.3	1335.3	1335.3	1335.3	1335.3	1335.3	1335.3	1335.3
2.5°	1387.6	1388.6	1390.7	1400.9	1406.1	1407.1	1403.0	1412.2	1415.3	1412.2	1410.2
5°	1453.3	1459.5	1471.8	1485.1	1484.1	1485.1	1491.3	1497.4	1499.5	1491.3	1494.3
7.5°	1510.8	1523.1	1536.4	1557.0	1557.0	1567.2	1571.3	1576.5	1588.8	1582.6	1580.6
10°	1576.5	1592.9	1617.5	1650.3	1651.4	1661.6	1671.9	1688.3	1693.5	1689.4	1691.4
12.5°	1658.6	1690.4	1692.4	1728.4	1744.8	1746.8	1763.2	1760.2	1770.4	1770.4	1787.9
15°	1694.5	1743.7	1771.5	1806.4	1816.6	1804.3	1817.6	1832.0	1833.0	1833.0	1832.0
17.5°	1759.1	1778.6	1806.4	1824.8	1828.9	1828.9	1830.0	1836.1	1832.0	1823.8	1830.0
20°	1772.5	1780.7	1791.0	1788.9	1791.0	1780.7	1770.4	1760.2	1761.2	1756.1	1771.5
22.5°	1747.9	1745.8	1722.2	1706.8	1706.8	1686.3	1666.8	1657.5	1648.3	1651.4	1656.5
25°	1686.3	1654.5	1625.7	1603.1	1598.0	1565.2	1538.5	1530.3	1514.9	1527.2	1529.2
27.5°	1587.7	1551.8	1505.6	1486.1	1459.5	1446.1	1427.6	1403.0	1371.2	1389.7	1386.6
30°	1482.0	1428.7	1390.7	1343.5	1301.4	1298.3	1263.4	1222.4	1205.9	1205.9	1215.2
32.5°	1364.0	1293.2	1237.8	1171.1	1130.0	1112.5	1070.5	1029.4	1038.7	1007.9	1019.2
35°	1226.5	1133.1	1063.3	998.6	967.8	947.3	892.9	870.3	845.7	831.3	858.0
37.5°	1095.1	987.3	898.0	827.2	815.9	779.0	742.0	727.7	713.3	719.5	718.4
40°	935.0	839.5	759.5	704.1	684.6	667.1	642.5	625.0	615.8	620.9	622.0
42.5°	790.3	710.2	650.7	611.7	595.3	583.0	570.6	556.3	553.2	553.2	557.3
45°	678.4	612.7	572.7	540.9	531.6	522.4	513.2	507.0	505.0	500.9	503.9
47.5°	589.1	536.8	512.1	488.5	478.3	476.2	468.0	464.9	460.8	459.8	460.8
50°	514.2	481.4	458.8	445.4	438.2	435.2	431.1	424.9	422.9	428.0	425.9
52.5°	461.9	431.1	418.7	405.4	401.3	397.2	391.0	392.1	391.0	389.0	389.0
55°	409.5	390.0	377.7	367.4	366.4	362.3	357.2	355.1	354.1	352.0	355.1
57.5°	367.4	352.0	340.7	331.5	327.4	327.4	322.3	318.2	318.2	317.1	318.2
60°	325.3	310.0	302.8	293.5	290.5	289.4	286.3	284.3	281.2	281.2	281.2
62.5°	286.3	274.0	265.8	257.6	258.6	253.5	249.4	247.3	247.3	248.4	248.4
65°	249.4	241.2	230.9	223.7	221.7	220.7	218.6	217.6	214.5	216.6	216.6
67.5°	215.5	204.2	198.1	195.0	191.9	190.9	188.8	186.8	185.8	184.7	186.8
70°	181.7	172.4	167.3	165.2	162.2	161.1	160.1	157.0	158.1	159.1	160.1
72.5°	150.9	142.7	141.6	135.5	135.5	135.5	131.4	133.4	132.4	130.3	132.4
75°	119.1	114.9	112.9	109.8	110.8	109.8	108.8	105.7	105.7	106.7	107.8
77.5°	94.4	90.3	89.3	86.2	84.2	86.2	84.2	83.1	83.1	84.2	84.2
80°	69.8	67.7	64.7	64.7	64.7	63.6	63.6	63.6	62.6	61.6	62.6
82.5°	46.2	46.2	45.2	44.1	45.2	43.1	44.1	44.1	44.1	44.1	44.1
85°	29.8	28.7	28.7	27.7	27.7	27.7	28.7	26.7	26.7	27.7	27.7
87.5°	13.3	13.3	13.3	14.4	13.3	13.3	13.3	14.4	13.3	13.3	13.3
90°	52.8	52.2	51.5	50.8	50.5	50.7	51.0	51.3	51.7	52.0	51.7
92.5°	47.7	48.1	48.4	48.7	48.9	48.9	48.9	48.9	48.9	48.9	48.9
95°	97.9	97.9	97.9	97.9	97.9	97.6	96.9	96.2	95.5	94.8	95.5
97.5°	153.0	153.0	153.0	153.0	153.0	153.0	153.0	153.0	153.0	153.0	153.0
100°	211.1	211.1	211.1	211.1	211.1	210.9	210.6	210.3	209.9	209.6	209.9
102.5°	274.1	274.5	274.8	275.1	275.3	275.1	274.8	274.5	274.1	273.8	274.1
105°	337.2	337.9	338.6	339.3	339.6	339.6	339.6	339.6	339.6	339.6	339.6
107.5°	405.7	406.1	406.4	406.7	406.9	406.0	404.3	402.6	400.9	399.2	400.9
110°	475.7	475.7	475.7	475.7	475.7	475.2	474.2	473.1	472.1	471.1	472.1

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CATALOG NUMBER: S122DIW-B675D1440UB2750-4F0-XX-W2A-A1_3000K

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	546.6	545.6	544.5	543.5	543.0	542.7	542.0	541.3	540.7	540.0	540.7
115°	617.7	617.3	617.0	616.7	616.5	616.0	615.0	613.9	612.9	611.9	612.9
117.5°	687.4	686.4	685.3	684.3	683.8	683.3	682.3	681.2	680.2	679.2	680.2
120°	755.7	755.7	755.7	755.7	755.7	755.2	754.2	753.1	752.1	751.1	752.1
122.5°	828.1	827.1	826.0	825.0	824.5	824.2	823.5	822.8	822.1	821.4	822.1
125°	898.4	897.4	896.4	895.4	894.9	894.7	894.4	894.0	893.7	893.3	893.7
127.5°	966.9	965.6	964.2	962.9	962.2	961.7	960.7	959.6	958.6	957.6	958.6
130°	1036.4	1035.8	1035.1	1034.4	1034.1	1033.4	1032.0	1030.7	1029.3	1027.9	1029.3
132.5°	1105.8	1104.1	1102.4	1100.7	1099.8	1099.3	1098.3	1097.2	1096.2	1095.2	1096.2
135°	1171.4	1171.0	1170.7	1170.4	1170.2	1169.7	1168.7	1167.6	1166.6	1165.6	1166.6
137.5°	1235.6	1235.3	1234.9	1234.6	1234.4	1233.7	1232.4	1231.0	1229.7	1228.3	1229.7
140°	1300.2	1300.2	1300.2	1300.2	1300.2	1299.5	1298.2	1296.8	1295.5	1294.1	1295.5
142.5°	1358.7	1359.0	1359.4	1359.7	1359.9	1359.2	1357.9	1356.5	1355.2	1353.8	1355.2
145°	1418.3	1418.7	1419.0	1419.3	1419.5	1418.8	1417.5	1416.1	1414.8	1413.4	1414.8
147.5°	1470.7	1471.4	1472.1	1472.8	1473.1	1472.4	1471.1	1469.7	1468.4	1467.0	1468.4
150°	1520.0	1521.0	1522.0	1523.0	1523.5	1523.0	1522.0	1521.0	1520.0	1519.0	1520.0
152.5°	1569.3	1570.6	1572.0	1573.3	1574.0	1573.3	1572.0	1570.6	1569.3	1567.9	1569.3
155°	1609.4	1611.1	1612.8	1614.5	1615.3	1614.8	1613.8	1612.7	1611.7	1610.7	1611.7
157.5°	1648.3	1650.7	1653.0	1655.4	1656.6	1655.8	1654.1	1652.4	1650.7	1649.0	1650.7
160°	1683.1	1685.2	1687.2	1689.3	1690.3	1689.6	1688.3	1686.9	1685.6	1684.2	1685.6
162.5°	1714.1	1716.5	1718.8	1721.2	1722.4	1721.6	1719.9	1718.2	1716.5	1714.8	1716.5
165°	1740.1	1742.5	1744.8	1747.2	1748.4	1747.6	1745.9	1744.2	1742.5	1740.8	1742.5
167.5°	1763.0	1765.4	1767.8	1770.2	1771.4	1770.5	1768.8	1767.1	1765.4	1763.7	1765.4
170°	1781.4	1783.8	1786.1	1788.5	1789.7	1788.7	1786.6	1784.6	1782.5	1780.5	1782.5
172.5°	1795.2	1797.6	1799.9	1802.3	1803.5	1802.5	1800.4	1798.4	1796.3	1794.3	1796.3
175°	1804.3	1806.7	1809.1	1811.5	1812.7	1811.7	1809.6	1807.6	1805.5	1803.5	1805.5
177.5°	1810.1	1812.1	1814.2	1816.2	1817.2	1816.2	1814.2	1812.1	1810.1	1808.1	1810.1
180°	1812.7	1812.7	1812.7	1812.7	1812.7	1812.7	1812.7	1812.7	1812.7	1812.7	1812.7

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CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	1335.3	1335.3	1335.3	1335.3	1335.3	1335.3	1335.3	1335.3	1335.3	1335.3	1335.3
2.5°	1415.3	1408.1	1402.0	1403.0	1408.1	1404.0	1393.8	1380.4	1375.3	1369.1	1375.3
5°	1500.5	1494.3	1482.0	1483.1	1480.0	1475.9	1459.5	1438.9	1438.9	1422.5	1420.5
7.5°	1584.7	1575.4	1567.2	1565.2	1553.9	1545.7	1531.3	1502.6	1491.3	1471.8	1460.5
10°	1679.1	1671.9	1662.7	1651.4	1645.2	1630.8	1607.2	1565.2	1544.6	1518.0	1498.5
12.5°	1774.5	1773.5	1753.0	1730.4	1729.4	1706.8	1690.4	1633.9	1606.2	1570.3	1524.1
15°	1835.1	1830.0	1818.7	1807.4	1810.5	1785.8	1748.9	1682.2	1663.7	1620.6	1571.3
17.5°	1834.1	1834.1	1831.0	1828.9	1825.9	1818.7	1798.1	1754.0	1724.2	1669.9	1623.7
20°	1775.6	1788.9	1792.0	1791.0	1801.2	1806.4	1805.3	1777.6	1754.0	1705.8	1658.6
22.5°	1658.6	1689.4	1702.7	1710.9	1732.5	1743.7	1770.4	1760.2	1754.0	1718.1	1678.1
25°	1549.8	1560.0	1600.1	1602.1	1631.9	1659.6	1686.3	1703.7	1726.3	1713.0	1679.1
27.5°	1409.2	1432.8	1461.5	1483.1	1489.2	1545.7	1589.8	1622.6	1674.0	1678.1	1666.8
30°	1250.1	1261.4	1308.6	1337.3	1370.2	1411.2	1474.8	1531.3	1577.5	1619.6	1633.9
32.5°	1056.1	1102.3	1130.0	1164.9	1193.6	1266.5	1344.5	1417.4	1470.7	1541.6	1572.3
35°	878.5	914.5	961.7	976.0	1028.4	1090.0	1191.6	1285.0	1366.1	1437.9	1500.5
37.5°	731.8	760.5	810.8	833.4	864.2	943.2	1028.4	1144.4	1241.9	1330.1	1408.1
40°	631.2	652.8	690.7	697.9	723.6	795.4	864.2	973.0	1102.3	1221.3	1306.5
42.5°	562.4	572.7	598.4	607.6	624.0	672.3	733.8	836.5	956.5	1079.7	1199.8
45°	513.2	520.4	535.7	544.0	564.5	586.0	636.3	718.4	812.9	937.0	1066.4
47.5°	469.0	478.3	484.4	489.6	500.9	524.5	557.3	617.9	708.2	822.1	947.3
50°	432.1	435.2	446.5	447.5	454.7	470.1	500.9	537.8	609.6	702.0	823.1
52.5°	395.1	398.2	405.4	412.6	415.7	428.0	448.5	479.3	532.7	605.5	713.3
55°	358.2	362.3	369.5	374.6	377.7	388.0	400.3	430.0	472.1	523.4	611.7
57.5°	321.2	330.5	332.5	335.6	340.7	352.0	363.3	380.8	413.6	460.8	525.5
60°	286.3	289.4	296.6	299.7	304.8	311.0	325.3	338.7	362.3	399.2	457.7
62.5°	250.4	257.6	260.7	263.8	267.9	275.1	284.3	298.7	319.2	349.0	395.1
65°	219.6	220.7	226.8	230.9	235.0	240.2	249.4	262.7	275.1	302.8	336.6
67.5°	189.9	191.9	194.0	198.1	203.2	208.3	216.6	223.7	239.1	257.6	284.3
70°	161.1	161.1	166.3	169.3	168.3	174.5	180.6	188.8	200.1	217.6	239.1
72.5°	135.5	134.5	138.6	139.6	141.6	145.7	149.8	158.1	164.2	177.6	194.0
75°	107.8	109.8	111.9	111.9	114.9	118.0	122.1	126.2	133.4	141.6	154.0
77.5°	85.2	85.2	87.2	88.3	91.3	90.3	94.4	98.5	103.7	110.8	120.1
80°	62.6	64.7	64.7	64.7	65.7	66.7	70.8	73.9	77.0	82.1	86.2
82.5°	44.1	44.1	46.2	46.2	46.2	48.2	48.2	49.3	51.3	54.4	57.5
85°	27.7	27.7	27.7	28.7	27.7	28.7	30.8	29.8	30.8	32.8	32.8
87.5°	13.3	13.3	13.3	13.3	13.3	14.4	13.3	14.4	15.4	15.4	15.4
90°	51.3	51.0	50.7	50.5	50.8	51.5	52.2	52.8	53.5	46.0	38.6
92.5°	48.9	48.9	48.9	48.9	48.7	48.4	48.1	47.7	47.4	47.1	46.7
95°	96.2	96.9	97.6	97.9	97.9	97.9	97.9	97.9	97.9	97.2	96.5
97.5°	153.0	153.0	153.0	153.0	153.0	153.0	153.0	153.0	153.0	151.6	150.2
100°	210.3	210.6	210.9	211.1	211.1	211.1	211.1	211.1	211.1	210.1	209.1
102.5°	274.5	274.8	275.1	275.3	275.1	274.8	274.5	274.1	273.8	272.4	271.1
105°	339.6	339.6	339.6	339.6	339.3	338.6	337.9	337.2	336.5	335.8	335.2
107.5°	402.6	404.3	406.0	406.9	406.7	406.4	406.1	405.7	405.4	405.4	405.4
110°	473.1	474.2	475.2	475.7	475.7	475.7	475.7	475.7	475.7	475.7	475.7

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CATALOG NUMBER: S122DIW-B675D1440UB2750-4F0-XX-W2A-A1_3000K

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	541.3	542.0	542.7	543.0	543.5	544.5	545.6	546.6	547.6	548.0	548.3
115°	613.9	615.0	616.0	616.5	616.7	617.0	617.3	617.7	618.0	618.7	619.3
117.5°	681.2	682.3	683.3	683.8	684.3	685.3	686.4	687.4	688.4	690.1	691.8
120°	753.1	754.2	755.2	755.7	755.7	755.7	755.7	755.7	755.7	758.4	761.1
122.5°	822.8	823.5	824.2	824.5	825.0	826.0	827.1	828.1	829.1	830.8	832.5
125°	894.0	894.4	894.7	894.9	895.4	896.4	897.4	898.4	899.4	900.4	901.4
127.5°	959.6	960.7	961.7	962.2	962.9	964.2	965.6	966.9	968.3	969.7	971.0
130°	1030.7	1032.0	1033.4	1034.1	1034.4	1035.1	1035.8	1036.4	1037.1	1037.8	1038.5
132.5°	1097.2	1098.3	1099.3	1099.8	1100.7	1102.4	1104.1	1105.8	1107.5	1107.1	1106.8
135°	1167.6	1168.7	1169.7	1170.2	1170.4	1170.7	1171.0	1171.4	1171.7	1171.0	1170.4
137.5°	1231.0	1232.4	1233.7	1234.4	1234.6	1234.9	1235.3	1235.6	1236.0	1235.3	1234.6
140°	1296.8	1298.2	1299.5	1300.2	1300.2	1300.2	1300.2	1300.2	1300.2	1298.5	1296.8
142.5°	1356.5	1357.9	1359.2	1359.9	1359.7	1359.4	1359.0	1358.7	1358.3	1357.3	1356.3
145°	1416.1	1417.5	1418.8	1419.5	1419.3	1419.0	1418.7	1418.3	1418.0	1416.0	1413.9
147.5°	1469.7	1471.1	1472.4	1473.1	1472.8	1472.1	1471.4	1470.7	1470.0	1468.6	1467.3
150°	1521.0	1522.0	1523.0	1523.5	1523.0	1522.0	1521.0	1520.0	1519.0	1517.6	1516.2
152.5°	1570.6	1572.0	1573.3	1574.0	1573.3	1572.0	1570.6	1569.3	1567.9	1566.2	1564.5
155°	1612.7	1613.8	1614.8	1615.3	1614.5	1612.8	1611.1	1609.4	1607.7	1606.7	1605.7
157.5°	1652.4	1654.1	1655.8	1656.6	1655.4	1653.0	1650.7	1648.3	1645.9	1645.2	1644.6
160°	1686.9	1688.3	1689.6	1690.3	1689.3	1687.2	1685.2	1683.1	1681.1	1680.8	1680.4
162.5°	1718.2	1719.9	1721.6	1722.4	1721.2	1718.8	1716.5	1714.1	1711.7	1711.4	1711.0
165°	1744.2	1745.9	1747.6	1748.4	1747.2	1744.8	1742.5	1740.1	1737.7	1737.7	1737.7
167.5°	1767.1	1768.8	1770.5	1771.4	1770.2	1767.8	1765.4	1763.0	1760.6	1760.6	1760.6
170°	1784.6	1786.6	1788.7	1789.7	1788.5	1786.1	1783.8	1781.4	1779.0	1779.3	1779.7
172.5°	1798.4	1800.4	1802.5	1803.5	1802.3	1799.9	1797.6	1795.2	1792.8	1793.1	1793.5
175°	1807.6	1809.6	1811.7	1812.7	1811.5	1809.1	1806.7	1804.3	1801.9	1802.6	1803.3
177.5°	1812.1	1814.2	1816.2	1817.2	1816.2	1814.2	1812.1	1810.1	1808.1	1808.8	1809.4
180°	1812.7	1812.7	1812.7	1812.7	1812.7	1812.7	1812.7	1812.7	1812.7	1812.7	1812.7

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CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
0°	1335.3	1335.3	1335.3	1335.3	1335.3	1335.3	1335.3	1335.3	1335.3	1335.3	1335.3
2.5°	1370.2	1365.0	1361.9	1364.0	1357.8	1342.4	1342.4	1347.6	1341.4	1335.3	1326.0
5°	1408.1	1397.9	1391.7	1390.7	1376.3	1351.7	1346.6	1341.4	1328.1	1313.7	1298.3
7.5°	1445.1	1426.6	1416.3	1409.2	1388.6	1356.8	1343.5	1332.2	1310.6	1289.1	1269.6
10°	1475.9	1449.2	1436.9	1425.6	1398.9	1358.9	1337.3	1316.8	1289.1	1261.4	1236.7
12.5°	1500.5	1469.7	1454.3	1437.9	1405.1	1352.7	1326.0	1293.2	1265.5	1228.5	1203.9
15°	1541.6	1477.9	1463.6	1448.2	1414.3	1342.4	1309.6	1272.7	1234.7	1185.4	1158.7
17.5°	1574.4	1489.2	1488.2	1455.3	1411.2	1338.3	1288.1	1239.8	1198.8	1149.5	1107.4
20°	1593.9	1506.7	1490.2	1456.4	1400.9	1310.6	1258.3	1204.9	1160.8	1101.3	1059.2
22.5°	1610.3	1531.3	1488.2	1447.1	1379.4	1301.4	1224.4	1174.1	1113.6	1048.9	1008.9
25°	1616.5	1536.4	1491.3	1444.1	1364.0	1274.7	1187.5	1133.1	1065.3	1006.8	952.4
27.5°	1617.5	1535.4	1480.0	1430.7	1342.4	1239.8	1150.5	1093.0	1018.1	950.4	896.0
30°	1607.2	1524.1	1473.8	1420.5	1321.9	1208.0	1105.4	1041.7	961.7	893.9	837.5
32.5°	1576.5	1501.5	1460.5	1402.0	1295.2	1163.9	1062.3	991.4	907.3	840.6	786.2
35°	1525.1	1473.8	1428.7	1374.3	1260.3	1122.8	1019.2	936.0	850.8	787.2	735.9
37.5°	1461.5	1433.8	1391.7	1338.3	1220.3	1085.9	970.9	878.5	793.4	731.8	681.5
40°	1375.3	1382.5	1341.4	1293.2	1173.1	1035.6	908.3	820.0	740.0	682.5	633.2
42.5°	1281.9	1311.7	1288.1	1241.9	1120.8	980.2	862.1	764.6	686.6	627.1	586.0
45°	1181.3	1232.6	1218.3	1184.4	1066.4	921.7	796.4	702.0	633.2	575.8	539.9
47.5°	1071.5	1144.4	1144.4	1119.7	1005.8	863.1	740.0	643.5	575.8	534.7	499.8
50°	959.6	1041.7	1055.1	1038.7	938.1	796.4	671.2	584.0	525.5	485.5	459.8
52.5°	842.6	938.1	962.7	954.5	866.2	732.8	614.8	529.6	476.2	441.3	418.7
55°	730.8	841.6	868.3	871.4	789.3	663.0	552.2	477.2	425.9	402.3	382.8
57.5°	625.0	731.8	761.5	766.7	711.3	599.4	493.7	428.0	381.8	362.3	346.9
60°	534.7	624.0	663.0	674.3	626.1	525.5	439.3	375.6	340.7	322.3	307.9
62.5°	460.8	532.7	573.7	576.8	555.2	460.8	382.8	329.5	299.7	283.3	276.1
65°	389.0	453.6	478.3	490.6	473.1	399.2	330.5	286.3	262.7	248.4	241.2
67.5°	331.5	372.6	393.1	409.5	392.1	336.6	281.2	245.3	227.8	213.5	209.4
70°	272.0	305.8	321.2	337.7	322.3	280.2	240.2	207.3	191.9	180.6	175.5
72.5°	217.6	244.3	258.6	268.9	259.7	224.8	191.9	169.3	158.1	149.8	146.8
75°	172.4	190.9	199.1	206.3	202.2	175.5	155.0	136.5	126.2	119.1	117.0
77.5°	131.4	144.7	154.0	156.0	150.9	133.4	116.0	104.7	96.5	92.4	90.3
80°	93.4	101.6	106.7	109.8	104.7	97.5	85.2	77.0	69.8	64.7	63.6
82.5°	62.6	66.7	70.8	69.8	67.7	61.6	54.4	50.3	47.2	43.1	43.1
85°	35.9	36.9	39.0	40.0	39.0	34.9	30.8	28.7	26.7	23.6	23.6
87.5°	15.4	16.4	16.4	17.4	15.4	15.4	13.3	11.3	11.3	10.3	9.2
90°	31.1	23.6	19.9	17.9	13.8	9.7	5.6	1.5	5.6	9.7	13.8
92.5°	46.4	46.1	45.9	44.5	41.8	39.1	36.4	33.7	36.4	39.1	41.8
95°	95.8	95.1	94.8	93.1	89.7	86.3	82.9	79.5	82.9	86.3	89.7
97.5°	148.9	147.5	146.8	145.3	142.2	139.2	136.1	133.1	136.1	139.2	142.2
100°	208.0	207.0	206.5	205.1	202.4	199.7	197.0	194.3	197.0	199.7	202.4
102.5°	269.7	268.4	267.7	266.7	264.6	262.6	260.5	258.5	260.5	262.6	264.6
105°	334.5	333.8	333.5	333.0	332.0	330.9	329.9	328.9	329.9	330.9	332.0
107.5°	405.4	405.4	405.4	404.7	403.3	402.0	400.6	399.2	400.6	402.0	403.3
110°	475.7	475.7	475.7	474.7	472.6	470.6	468.5	466.5	468.5	470.6	472.6

TEST NUMBER: P1029626

CATALOG NUMBER: S122DIW-B675D1440UB2750-4F0-XX-W2A-A1_3000K

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
112.5°	548.7	549.0	549.2	548.2	546.1	544.1	542.0	540.0	542.0	544.1	546.1
115°	620.0	620.7	621.0	620.0	618.0	615.9	613.9	611.9	613.9	615.9	618.0
117.5°	693.5	695.2	696.0	694.6	691.9	689.2	686.5	683.8	686.5	689.2	691.9
120°	763.8	766.5	767.9	766.5	763.8	761.1	758.4	755.7	758.4	761.1	763.8
122.5°	834.2	835.9	836.7	835.0	831.6	828.2	824.8	821.4	824.8	828.2	831.6
125°	902.5	903.5	904.0	902.5	899.4	896.4	893.3	890.3	893.3	896.4	899.4
127.5°	972.4	973.7	974.4	972.5	968.8	965.1	961.3	957.6	961.3	965.1	968.8
130°	1039.2	1039.9	1040.2	1038.0	1033.6	1029.1	1024.7	1020.3	1024.7	1029.1	1033.6
132.5°	1106.4	1106.1	1105.9	1104.2	1100.8	1097.5	1094.1	1090.7	1094.1	1097.5	1100.8
135°	1169.7	1169.0	1168.7	1166.8	1163.1	1159.3	1155.6	1151.8	1155.6	1159.3	1163.1
137.5°	1233.9	1233.2	1232.9	1231.4	1228.3	1225.2	1222.2	1219.1	1222.2	1225.2	1228.3
140°	1295.1	1293.4	1292.6	1291.1	1288.0	1284.9	1281.9	1278.8	1281.9	1284.9	1288.0
142.5°	1355.3	1354.3	1353.8	1352.3	1349.2	1346.1	1343.1	1340.0	1343.1	1346.1	1349.2
145°	1411.9	1409.8	1408.8	1407.6	1405.2	1402.9	1400.5	1398.1	1400.5	1402.9	1405.2
147.5°	1465.9	1464.6	1463.9	1462.4	1459.3	1456.2	1453.2	1450.1	1453.2	1456.2	1459.3
150°	1514.9	1513.5	1512.8	1511.8	1509.8	1507.7	1505.7	1503.7	1505.7	1507.7	1509.8
152.5°	1562.8	1561.1	1560.3	1559.3	1557.2	1555.2	1553.1	1551.1	1553.1	1555.2	1557.2
155°	1604.6	1603.6	1603.1	1602.6	1601.6	1600.5	1599.5	1598.5	1599.5	1600.5	1601.6
157.5°	1643.9	1643.2	1642.9	1642.6	1641.9	1641.2	1640.5	1639.8	1640.5	1641.2	1641.9
160°	1680.1	1679.8	1679.6	1679.3	1678.6	1677.9	1677.2	1676.5	1677.2	1677.9	1678.6
162.5°	1710.7	1710.4	1710.2	1710.2	1710.2	1710.2	1710.2	1710.2	1710.2	1710.2	1710.2
165°	1737.7	1737.7	1737.7	1737.9	1738.2	1738.5	1738.9	1739.2	1738.9	1738.5	1738.2
167.5°	1760.6	1760.6	1760.6	1761.1	1762.1	1763.2	1764.2	1765.2	1764.2	1763.2	1762.1
170°	1780.0	1780.3	1780.5	1781.0	1782.0	1783.1	1784.1	1785.1	1784.1	1783.1	1782.0
172.5°	1793.8	1794.1	1794.3	1794.8	1795.8	1796.9	1797.9	1798.9	1797.9	1796.9	1795.8
175°	1804.0	1804.7	1805.0	1805.5	1806.5	1807.6	1808.6	1809.6	1808.6	1807.6	1806.5
177.5°	1810.1	1810.8	1811.1	1811.6	1812.6	1813.7	1814.7	1815.7	1814.7	1813.7	1812.6
180°	1812.7	1812.7	1812.7	1812.7	1812.7	1812.7	1812.7	1812.7	1812.7	1812.7	1812.7

TEST NUMBER: P1029626

CATALOG NUMBER: S122DIW-B675D1440UB2750-4F0-XX-W2A-A1_3000K

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
0°	1335.3	1335.3	1335.3	1335.3	1335.3	1335.3	1335.3	1335.3	1335.3	1335.3	1335.3
2.5°	1320.9	1326.0	1325.0	1314.7	1303.4	1294.2	1276.8	1278.8	1272.7	1273.7	1279.8
5°	1288.1	1288.1	1283.9	1269.6	1251.1	1240.8	1221.3	1216.2	1203.9	1202.9	1201.8
7.5°	1253.2	1248.0	1242.9	1222.4	1199.8	1183.4	1156.7	1150.5	1138.2	1130.0	1125.9
10°	1212.1	1204.9	1194.7	1171.1	1143.3	1122.8	1095.1	1086.9	1063.3	1053.0	1046.9
12.5°	1166.9	1162.8	1146.4	1126.9	1081.8	1059.2	1019.2	1027.4	1003.8	983.2	980.2
15°	1121.8	1106.4	1097.2	1065.3	1010.9	1000.7	968.9	952.4	930.9	914.5	914.5
17.5°	1077.7	1054.0	1033.5	999.7	959.6	930.9	907.3	899.1	872.4	856.0	852.9
20°	1019.2	992.5	987.3	939.1	911.4	879.6	857.0	836.5	817.0	809.8	804.6
22.5°	963.7	932.9	924.7	883.7	856.0	824.1	801.6	787.2	772.8	767.7	758.5
25°	904.2	885.7	873.4	829.3	798.5	768.7	753.3	743.1	729.7	728.7	722.5
27.5°	846.7	829.3	817.0	774.9	752.3	724.6	712.3	701.0	693.8	690.7	687.6
30°	797.5	778.0	763.6	732.8	705.1	682.5	672.3	665.1	661.0	655.8	654.8
32.5°	743.1	731.8	712.3	688.7	667.1	645.6	639.4	634.3	628.1	626.1	625.0
35°	696.9	681.5	669.2	642.5	633.2	614.8	607.6	603.5	595.3	593.2	591.2
37.5°	651.7	637.4	624.0	607.6	590.1	579.9	575.8	569.6	565.5	566.5	564.5
40°	606.6	595.3	585.0	567.6	557.3	552.2	544.0	537.8	535.7	536.8	535.7
42.5°	562.4	552.2	546.0	532.7	522.4	517.3	512.1	506.0	509.1	509.1	512.1
45°	522.4	513.2	509.1	498.8	492.6	484.4	479.3	478.3	482.4	481.4	481.4
47.5°	481.4	478.3	473.1	463.9	455.7	450.6	449.5	449.5	453.6	455.7	454.7
50°	449.5	443.4	437.2	430.0	423.9	421.8	418.7	420.8	424.9	424.9	427.0
52.5°	409.5	405.4	403.4	397.2	393.1	393.1	393.1	394.1	397.2	400.3	399.2
55°	374.6	371.5	369.5	366.4	361.3	362.3	361.3	363.3	366.4	369.5	371.5
57.5°	337.7	336.6	334.6	329.5	329.5	328.4	331.5	332.5	337.7	339.7	342.8
60°	304.8	301.7	301.7	297.6	297.6	297.6	300.7	303.8	307.9	308.9	311.0
62.5°	269.9	269.9	268.9	265.8	265.8	268.9	269.9	274.0	276.1	276.1	279.2
65°	237.1	236.1	235.0	236.1	237.1	237.1	240.2	242.2	244.3	245.3	246.3
67.5°	204.2	203.2	205.3	204.2	206.3	210.4	209.4	212.5	215.5	215.5	216.6
70°	173.5	175.5	174.5	176.5	175.5	177.6	180.6	181.7	181.7	182.7	185.8
72.5°	144.7	144.7	144.7	143.7	144.7	146.8	148.8	149.8	151.9	152.9	156.0
75°	117.0	117.0	114.9	117.0	117.0	119.1	121.1	121.1	121.1	123.2	126.2
77.5°	88.3	89.3	88.3	90.3	90.3	91.3	93.4	92.4	94.4	95.4	96.5
80°	64.7	63.6	63.6	63.6	64.7	64.7	66.7	67.7	67.7	70.8	68.8
82.5°	41.1	42.1	41.1	42.1	42.1	43.1	42.1	43.1	44.1	46.2	45.2
85°	23.6	22.6	22.6	23.6	22.6	22.6	23.6	22.6	23.6	22.6	23.6
87.5°	9.2	8.2	8.2	8.2	8.2	7.2	7.2	6.2	6.2	6.2	5.1
90°	17.9	19.9	23.6	31.1	38.6	46.0	53.5	52.8	52.2	51.5	50.8
92.5°	44.5	45.9	46.1	46.4	46.7	47.1	47.4	47.7	48.1	48.4	48.7
95°	93.1	94.8	95.1	95.8	96.5	97.2	97.9	97.9	97.9	97.9	97.9
97.5°	145.3	146.8	147.5	148.9	150.2	151.6	153.0	153.0	153.0	153.0	153.0
100°	205.1	206.5	207.0	208.0	209.1	210.1	211.1	211.1	211.1	211.1	211.1
102.5°	266.7	267.7	268.4	269.7	271.1	272.4	273.8	274.1	274.5	274.8	275.1
105°	333.0	333.5	333.8	334.5	335.2	335.8	336.5	337.2	337.9	338.6	339.3
107.5°	404.7	405.4	405.4	405.4	405.4	405.4	405.4	405.7	406.1	406.4	406.7
110°	474.7	475.7	475.7	475.7	475.7	475.7	475.7	475.7	475.7	475.7	475.7

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CATALOG NUMBER: S122DIW-B675D1440UB2750-4F0-XX-W2A-A1_3000K

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
112.5°	548.2	549.2	549.0	548.7	548.3	548.0	547.6	546.6	545.6	544.5	543.5
115°	620.0	621.0	620.7	620.0	619.3	618.7	618.0	617.7	617.3	617.0	616.7
117.5°	694.6	696.0	695.2	693.5	691.8	690.1	688.4	687.4	686.4	685.3	684.3
120°	766.5	767.9	766.5	763.8	761.1	758.4	755.7	755.7	755.7	755.7	755.7
122.5°	835.0	836.7	835.9	834.2	832.5	830.8	829.1	828.1	827.1	826.0	825.0
125°	902.5	904.0	903.5	902.5	901.4	900.4	899.4	898.4	897.4	896.4	895.4
127.5°	972.5	974.4	973.7	972.4	971.0	969.7	968.3	966.9	965.6	964.2	962.9
130°	1038.0	1040.2	1039.9	1039.2	1038.5	1037.8	1037.1	1036.4	1035.8	1035.1	1034.4
132.5°	1104.2	1105.9	1106.1	1106.4	1106.8	1107.1	1107.5	1105.8	1104.1	1102.4	1100.7
135°	1166.8	1168.7	1169.0	1169.7	1170.4	1171.0	1171.7	1171.4	1171.0	1170.7	1170.4
137.5°	1231.4	1232.9	1233.2	1233.9	1234.6	1235.3	1236.0	1235.6	1235.3	1234.9	1234.6
140°	1291.1	1292.6	1293.4	1295.1	1296.8	1298.5	1300.2	1300.2	1300.2	1300.2	1300.2
142.5°	1352.3	1353.8	1354.3	1355.3	1356.3	1357.3	1358.3	1358.7	1359.0	1359.4	1359.7
145°	1407.6	1408.8	1409.8	1411.9	1413.9	1416.0	1418.0	1418.3	1418.7	1419.0	1419.3
147.5°	1462.4	1463.9	1464.6	1465.9	1467.3	1468.6	1470.0	1470.7	1471.4	1472.1	1472.8
150°	1511.8	1512.8	1513.5	1514.9	1516.2	1517.6	1519.0	1520.0	1521.0	1522.0	1523.0
152.5°	1559.3	1560.3	1561.1	1562.8	1564.5	1566.2	1567.9	1569.3	1570.6	1572.0	1573.3
155°	1602.6	1603.1	1603.6	1604.6	1605.7	1606.7	1607.7	1609.4	1611.1	1612.8	1614.5
157.5°	1642.6	1642.9	1643.2	1643.9	1644.6	1645.2	1645.9	1648.3	1650.7	1653.0	1655.4
160°	1679.3	1679.6	1679.8	1680.1	1680.4	1680.8	1681.1	1683.1	1685.2	1687.2	1689.3
162.5°	1710.2	1710.2	1710.4	1710.7	1711.0	1711.4	1711.7	1714.1	1716.5	1718.8	1721.2
165°	1737.9	1737.7	1737.7	1737.7	1737.7	1737.7	1737.7	1740.1	1742.5	1744.8	1747.2
167.5°	1761.1	1760.6	1760.6	1760.6	1760.6	1760.6	1760.6	1763.0	1765.4	1767.8	1770.2
170°	1781.0	1780.5	1780.3	1780.0	1779.7	1779.3	1779.0	1781.4	1783.8	1786.1	1788.5
172.5°	1794.8	1794.3	1794.1	1793.8	1793.5	1793.1	1792.8	1795.2	1797.6	1799.9	1802.3
175°	1805.5	1805.0	1804.7	1804.0	1803.3	1802.6	1801.9	1804.3	1806.7	1809.1	1811.5
177.5°	1811.6	1811.1	1810.8	1810.1	1809.4	1808.8	1808.1	1810.1	1812.1	1814.2	1816.2
180°	1812.7	1812.7	1812.7	1812.7	1812.7	1812.7	1812.7	1812.7	1812.7	1812.7	1812.7

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CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
0°	1335.3	1335.3	1335.3	1335.3	1335.3	1335.3	1335.3	1335.3	1335.3	1335.3	1335.3
2.5°	1272.7	1275.7	1268.6	1266.5	1268.6	1261.4	1263.4	1265.5	1265.5	1268.6	1270.6
5°	1198.8	1194.7	1187.5	1185.4	1183.4	1186.4	1184.4	1187.5	1188.5	1195.7	1196.7
7.5°	1125.9	1119.7	1113.6	1107.4	1105.4	1100.2	1105.4	1105.4	1112.5	1110.5	1115.6
10°	1039.7	1038.7	1030.4	1027.4	1023.3	1015.0	1026.3	1023.3	1028.4	1037.6	1039.7
12.5°	976.0	964.8	969.9	955.5	960.7	952.4	953.5	953.5	961.7	962.7	960.7
15°	915.5	906.3	892.9	886.8	883.7	879.6	892.9	893.9	887.8	902.2	897.0
17.5°	853.9	853.9	841.6	838.5	830.3	834.4	832.4	833.4	831.3	841.6	846.7
20°	800.5	795.4	791.3	792.3	782.1	780.0	778.0	780.0	787.2	794.4	796.4
22.5°	757.4	754.4	744.1	746.1	737.9	741.0	739.0	744.1	745.1	745.1	752.3
25°	716.4	712.3	713.3	709.2	706.1	706.1	703.0	706.1	710.2	712.3	713.3
27.5°	685.6	682.5	677.4	674.3	676.4	671.2	675.3	678.4	678.4	676.4	678.4
30°	648.6	650.7	650.7	640.4	644.5	642.5	645.6	647.6	647.6	648.6	646.6
32.5°	624.0	617.9	616.8	615.8	615.8	611.7	611.7	614.8	615.8	616.8	619.9
35°	591.2	591.2	586.0	589.1	585.0	586.0	585.0	586.0	588.1	585.0	588.1
37.5°	561.4	562.4	560.4	562.4	563.5	561.4	559.4	563.5	561.4	561.4	559.4
40°	535.7	534.7	535.7	535.7	535.7	536.8	534.7	534.7	534.7	532.7	530.6
42.5°	514.2	508.0	510.1	511.1	508.0	508.0	509.1	508.0	511.1	505.0	505.0
45°	483.4	481.4	482.4	482.4	484.4	481.4	483.4	484.4	481.4	480.3	478.3
47.5°	455.7	457.7	455.7	457.7	457.7	459.8	455.7	456.7	457.7	453.6	450.6
50°	428.0	428.0	431.1	430.0	431.1	429.0	429.0	428.0	429.0	427.0	423.9
52.5°	402.3	399.2	404.4	403.4	402.3	401.3	400.3	401.3	399.2	397.2	397.2
55°	370.5	370.5	373.6	374.6	374.6	372.6	370.5	371.5	370.5	369.5	368.5
57.5°	344.8	340.7	342.8	343.8	343.8	340.7	342.8	340.7	340.7	341.8	338.7
60°	312.0	312.0	310.0	313.0	313.0	311.0	311.0	312.0	310.0	308.9	307.9
62.5°	277.1	278.1	281.2	282.2	283.3	281.2	279.2	280.2	280.2	277.1	278.1
65°	247.3	249.4	253.5	252.5	250.4	251.5	249.4	250.4	247.3	248.4	245.3
67.5°	218.6	217.6	218.6	218.6	220.7	219.6	217.6	217.6	216.6	219.6	216.6
70°	187.8	187.8	187.8	187.8	188.8	189.9	187.8	185.8	186.8	184.7	183.7
72.5°	156.0	157.0	156.0	158.1	155.0	157.0	157.0	156.0	155.0	155.0	155.0
75°	126.2	128.3	125.2	126.2	125.2	127.3	126.2	126.2	124.2	123.2	124.2
77.5°	96.5	97.5	95.4	96.5	95.4	96.5	96.5	95.4	95.4	95.4	95.4
80°	68.8	69.8	68.8	67.7	66.7	68.8	66.7	67.7	68.8	67.7	69.8
82.5°	44.1	44.1	43.1	44.1	42.1	42.1	43.1	43.1	42.1	44.1	42.1
85°	21.6	21.6	23.6	21.6	20.5	20.5	20.5	21.6	20.5	22.6	21.6
87.5°	5.1	4.1	5.1	5.1	4.1	4.1	5.1	4.1	5.1	6.2	4.1
90°	50.5	50.7	51.0	51.3	51.7	52.0	51.7	51.3	51.0	50.7	50.5
92.5°	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9
95°	97.9	97.6	96.9	96.2	95.5	94.8	95.5	96.2	96.9	97.6	97.9
97.5°	153.0	153.0	153.0	153.0	153.0	153.0	153.0	153.0	153.0	153.0	153.0
100°	211.1	210.9	210.6	210.3	209.9	209.6	209.9	210.3	210.6	210.9	211.1
102.5°	275.3	275.1	274.8	274.5	274.1	273.8	274.1	274.5	274.8	275.1	275.3
105°	339.6	339.6	339.6	339.6	339.6	339.6	339.6	339.6	339.6	339.6	339.6
107.5°	406.9	406.0	404.3	402.6	400.9	399.2	400.9	402.6	404.3	406.0	406.9
110°	475.7	475.2	474.2	473.1	472.1	471.1	472.1	473.1	474.2	475.2	475.7

TEST NUMBER: P1029626

CATALOG NUMBER: S122DIW-B675D1440UB2750-4F0-XX-W2A-A1_3000K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
112.5°	543.0	542.7	542.0	541.3	540.7	540.0	540.7	541.3	542.0	542.7	543.0
115°	616.5	616.0	615.0	613.9	612.9	611.9	612.9	613.9	615.0	616.0	616.5
117.5°	683.8	683.3	682.3	681.2	680.2	679.2	680.2	681.2	682.3	683.3	683.8
120°	755.7	755.2	754.2	753.1	752.1	751.1	752.1	753.1	754.2	755.2	755.7
122.5°	824.5	824.2	823.5	822.8	822.1	821.4	822.1	822.8	823.5	824.2	824.5
125°	894.9	894.7	894.4	894.0	893.7	893.3	893.7	894.0	894.4	894.7	894.9
127.5°	962.2	961.7	960.7	959.6	958.6	957.6	958.6	959.6	960.7	961.7	962.2
130°	1034.1	1033.4	1032.0	1030.7	1029.3	1027.9	1029.3	1030.7	1032.0	1033.4	1034.1
132.5°	1099.8	1099.3	1098.3	1097.2	1096.2	1095.2	1096.2	1097.2	1098.3	1099.3	1099.8
135°	1170.2	1169.7	1168.7	1167.6	1166.6	1165.6	1166.6	1167.6	1168.7	1169.7	1170.2
137.5°	1234.4	1233.7	1232.4	1231.0	1229.7	1228.3	1229.7	1231.0	1232.4	1233.7	1234.4
140°	1300.2	1299.5	1298.2	1296.8	1295.5	1294.1	1295.5	1296.8	1298.2	1299.5	1300.2
142.5°	1359.9	1359.2	1357.9	1356.5	1355.2	1353.8	1355.2	1356.5	1357.9	1359.2	1359.9
145°	1419.5	1418.8	1417.5	1416.1	1414.8	1413.4	1414.8	1416.1	1417.5	1418.8	1419.5
147.5°	1473.1	1472.4	1471.1	1469.7	1468.4	1467.0	1468.4	1469.7	1471.1	1472.4	1473.1
150°	1523.5	1523.0	1522.0	1521.0	1520.0	1519.0	1520.0	1521.0	1522.0	1523.0	1523.5
152.5°	1574.0	1573.3	1572.0	1570.6	1569.3	1567.9	1569.3	1570.6	1572.0	1573.3	1574.0
155°	1615.3	1614.8	1613.8	1612.7	1611.7	1610.7	1611.7	1612.7	1613.8	1614.8	1615.3
157.5°	1656.6	1655.8	1654.1	1652.4	1650.7	1649.0	1650.7	1652.4	1654.1	1655.8	1656.6
160°	1690.3	1689.6	1688.3	1686.9	1685.6	1684.2	1685.6	1686.9	1688.3	1689.6	1690.3
162.5°	1722.4	1721.6	1719.9	1718.2	1716.5	1714.8	1716.5	1718.2	1719.9	1721.6	1722.4
165°	1748.4	1747.6	1745.9	1744.2	1742.5	1740.8	1742.5	1744.2	1745.9	1747.6	1748.4
167.5°	1771.4	1770.5	1768.8	1767.1	1765.4	1763.7	1765.4	1767.1	1768.8	1770.5	1771.4
170°	1789.7	1788.7	1786.6	1784.6	1782.5	1780.5	1782.5	1784.6	1786.6	1788.7	1789.7
172.5°	1803.5	1802.5	1800.4	1798.4	1796.3	1794.3	1796.3	1798.4	1800.4	1802.5	1803.5
175°	1812.7	1811.7	1809.6	1807.6	1805.5	1803.5	1805.5	1807.6	1809.6	1811.7	1812.7
177.5°	1817.2	1816.2	1814.2	1812.1	1810.1	1808.1	1810.1	1812.1	1814.2	1816.2	1817.2
180°	1812.7	1812.7	1812.7	1812.7	1812.7	1812.7	1812.7	1812.7	1812.7	1812.7	1812.7

TEST NUMBER: P1029626

CATALOG NUMBER: S122DIW-B675D1440UB2750-4F0-XX-W2A-A1_3000K

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
0°	1335.3	1335.3	1335.3	1335.3	1335.3	1335.3	1335.3	1335.3	1335.3	1335.3	1335.3
2.5°	1267.5	1275.7	1272.7	1261.4	1274.7	1274.7	1283.9	1283.9	1295.2	1299.3	1305.5
5°	1195.7	1201.8	1207.0	1201.8	1211.1	1225.4	1233.7	1240.8	1256.2	1262.4	1271.6
7.5°	1118.7	1130.0	1135.1	1135.1	1150.5	1166.9	1183.4	1193.6	1215.2	1223.4	1232.6
10°	1043.8	1057.1	1067.4	1066.4	1092.0	1102.3	1122.8	1146.4	1168.0	1180.3	1193.6
12.5°	964.8	971.9	986.3	1006.8	1013.0	1031.5	1055.1	1084.8	1123.8	1135.1	1154.6
15°	899.1	918.6	929.9	939.1	953.5	970.9	996.6	1025.3	1064.3	1088.9	1109.5
17.5°	843.6	869.3	876.5	874.4	892.9	919.6	949.4	970.9	1005.8	1035.6	1055.1
20°	798.5	808.8	821.1	826.2	840.6	869.3	898.0	922.7	951.4	975.0	997.6
22.5°	753.3	761.5	771.8	781.0	792.3	808.8	836.5	867.3	895.0	917.5	943.2
25°	716.4	721.5	730.8	737.9	750.3	761.5	781.0	814.9	847.8	861.1	883.7
27.5°	680.5	684.6	690.7	698.9	705.1	716.4	733.8	761.5	795.4	808.8	839.5
30°	648.6	651.7	657.9	662.0	665.1	678.4	691.8	713.3	739.0	757.4	780.0
32.5°	618.9	622.0	628.1	629.1	633.2	640.4	652.8	672.3	694.8	710.2	729.7
35°	586.0	588.1	594.2	596.3	599.4	605.5	614.8	629.1	649.7	661.0	678.4
37.5°	560.4	559.4	563.5	566.5	570.6	573.7	576.8	591.2	606.6	616.8	630.2
40°	532.7	530.6	531.6	535.7	537.8	541.9	541.9	556.3	566.5	574.7	585.0
42.5°	505.0	503.9	501.9	503.9	506.0	507.0	508.0	518.3	528.6	535.7	547.0
45°	477.2	476.2	474.2	475.2	475.2	477.2	480.3	484.4	491.6	497.8	503.9
47.5°	451.6	449.5	446.5	445.4	447.5	447.5	447.5	451.6	458.8	460.8	467.0
50°	424.9	421.8	417.7	415.7	415.7	414.6	416.7	417.7	423.9	425.9	431.1
52.5°	396.2	394.1	390.0	385.9	386.9	384.9	385.9	386.9	389.0	392.1	395.1
55°	367.4	363.3	360.2	359.2	356.1	356.1	353.1	357.2	356.1	357.2	361.3
57.5°	339.7	335.6	330.5	328.4	325.3	324.3	322.3	321.2	322.3	325.3	328.4
60°	306.9	304.8	301.7	298.7	296.6	293.5	291.5	291.5	290.5	290.5	291.5
62.5°	275.1	274.0	269.9	268.9	266.8	264.8	261.7	259.7	259.7	261.7	262.7
65°	244.3	243.2	240.2	239.1	234.0	232.0	230.9	229.9	227.8	227.8	227.8
67.5°	215.5	212.5	212.5	207.3	203.2	201.2	199.1	198.1	198.1	198.1	199.1
70°	183.7	183.7	180.6	177.6	173.5	174.5	171.4	168.3	168.3	166.3	167.3
72.5°	152.9	151.9	148.8	147.8	144.7	141.6	139.6	141.6	138.6	137.5	138.6
75°	123.2	122.1	120.1	118.0	119.1	116.0	112.9	111.9	111.9	109.8	109.8
77.5°	94.4	96.5	92.4	91.3	89.3	87.2	86.2	85.2	85.2	85.2	87.2
80°	65.7	66.7	66.7	64.7	65.7	62.6	62.6	62.6	59.5	60.6	61.6
82.5°	42.1	42.1	41.1	42.1	41.1	41.1	40.0	40.0	39.0	39.0	40.0
85°	23.6	22.6	21.6	23.6	22.6	22.6	21.6	21.6	21.6	21.6	21.6
87.5°	5.1	6.2	6.2	6.2	6.2	7.2	7.2	7.2	8.2	8.2	8.2
90°	50.8	51.5	52.2	52.8	53.5	46.0	38.6	31.1	23.6	19.9	17.9
92.5°	48.7	48.4	48.1	47.7	47.4	47.1	46.7	46.4	46.1	45.9	44.5
95°	97.9	97.9	97.9	97.9	97.9	97.2	96.5	95.8	95.1	94.8	93.1
97.5°	153.0	153.0	153.0	153.0	153.0	151.6	150.2	148.9	147.5	146.8	145.3
100°	211.1	211.1	211.1	211.1	211.1	210.1	209.1	208.0	207.0	206.5	205.1
102.5°	275.1	274.8	274.5	274.1	273.8	272.4	271.1	269.7	268.4	267.7	266.7
105°	339.3	338.6	337.9	337.2	336.5	335.8	335.2	334.5	333.8	333.5	333.0
107.5°	406.7	406.4	406.1	405.7	405.4	405.4	405.4	405.4	405.4	405.4	404.7
110°	475.7	475.7	475.7	475.7	475.7	475.7	475.7	475.7	475.7	475.7	474.7

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CATALOG NUMBER: S122DIW-B675D1440UB2750-4F0-XX-W2A-A1_3000K

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
112.5°	543.5	544.5	545.6	546.6	547.6	548.0	548.3	548.7	549.0	549.2	548.2
115°	616.7	617.0	617.3	617.7	618.0	618.7	619.3	620.0	620.7	621.0	620.0
117.5°	684.3	685.3	686.4	687.4	688.4	690.1	691.8	693.5	695.2	696.0	694.6
120°	755.7	755.7	755.7	755.7	755.7	758.4	761.1	763.8	766.5	767.9	766.5
122.5°	825.0	826.0	827.1	828.1	829.1	830.8	832.5	834.2	835.9	836.7	835.0
125°	895.4	896.4	897.4	898.4	899.4	900.4	901.4	902.5	903.5	904.0	902.5
127.5°	962.9	964.2	965.6	966.9	968.3	969.7	971.0	972.4	973.7	974.4	972.5
130°	1034.4	1035.1	1035.8	1036.4	1037.1	1037.8	1038.5	1039.2	1039.9	1040.2	1038.0
132.5°	1100.7	1102.4	1104.1	1105.8	1107.5	1107.1	1106.8	1106.4	1106.1	1105.9	1104.2
135°	1170.4	1170.7	1171.0	1171.4	1171.7	1171.0	1170.4	1169.7	1169.0	1168.7	1166.8
137.5°	1234.6	1234.9	1235.3	1235.6	1236.0	1235.3	1234.6	1233.9	1233.2	1232.9	1231.4
140°	1300.2	1300.2	1300.2	1300.2	1300.2	1298.5	1296.8	1295.1	1293.4	1292.6	1291.1
142.5°	1359.7	1359.4	1359.0	1358.7	1358.3	1357.3	1356.3	1355.3	1354.3	1353.8	1352.3
145°	1419.3	1419.0	1418.7	1418.3	1418.0	1416.0	1413.9	1411.9	1409.8	1408.8	1407.6
147.5°	1472.8	1472.1	1471.4	1470.7	1470.0	1468.6	1467.3	1465.9	1464.6	1463.9	1462.4
150°	1523.0	1522.0	1521.0	1520.0	1519.0	1517.6	1516.2	1514.9	1513.5	1512.8	1511.8
152.5°	1573.3	1572.0	1570.6	1569.3	1567.9	1566.2	1564.5	1562.8	1561.1	1560.3	1559.3
155°	1614.5	1612.8	1611.1	1609.4	1607.7	1606.7	1605.7	1604.6	1603.6	1603.1	1602.6
157.5°	1655.4	1653.0	1650.7	1648.3	1645.9	1645.2	1644.6	1643.9	1643.2	1642.9	1642.6
160°	1689.3	1687.2	1685.2	1683.1	1681.1	1680.8	1680.4	1680.1	1679.8	1679.6	1679.3
162.5°	1721.2	1718.8	1716.5	1714.1	1711.7	1711.4	1711.0	1710.7	1710.4	1710.2	1710.2
165°	1747.2	1744.8	1742.5	1740.1	1737.7	1737.7	1737.7	1737.7	1737.7	1737.7	1737.9
167.5°	1770.2	1767.8	1765.4	1763.0	1760.6	1760.6	1760.6	1760.6	1760.6	1760.6	1761.1
170°	1788.5	1786.1	1783.8	1781.4	1779.0	1779.3	1779.7	1780.0	1780.3	1780.5	1781.0
172.5°	1802.3	1799.9	1797.6	1795.2	1792.8	1793.1	1793.5	1793.8	1794.1	1794.3	1794.8
175°	1811.5	1809.1	1806.7	1804.3	1801.9	1802.6	1803.3	1804.0	1804.7	1805.0	1805.5
177.5°	1816.2	1814.2	1812.1	1810.1	1808.1	1808.8	1809.4	1810.1	1810.8	1811.1	1811.6
180°	1812.7	1812.7	1812.7	1812.7	1812.7	1812.7	1812.7	1812.7	1812.7	1812.7	1812.7

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CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
0°	1335.3	1335.3	1335.3	1335.3
2.5°	1310.6	1310.6	1326.0	1342.4
5°	1281.9	1289.1	1313.7	1336.3
7.5°	1254.2	1266.5	1297.3	1326.0
10°	1220.3	1236.7	1274.7	1308.6
12.5°	1187.5	1202.9	1247.0	1285.0
15°	1141.3	1160.8	1208.0	1255.2
17.5°	1095.1	1114.6	1172.1	1227.5
20°	1040.7	1066.4	1131.0	1204.9
22.5°	990.4	1022.2	1094.1	1153.6
25°	935.0	984.3	1051.0	1127.9
27.5°	885.7	935.0	1002.7	1080.7
30°	830.3	880.6	950.4	1022.2
32.5°	776.9	823.1	890.9	979.1
35°	721.5	765.6	831.3	920.6
37.5°	671.2	714.3	786.2	868.3
40°	622.0	667.1	728.7	810.8
42.5°	575.8	615.8	671.2	753.3
45°	533.7	562.4	613.7	690.7
47.5°	489.6	515.2	562.4	639.4
50°	448.5	470.1	511.1	583.0
52.5°	408.5	427.0	464.9	522.4
55°	372.6	390.0	417.7	474.2
57.5°	335.6	349.0	375.6	420.8
60°	299.7	312.0	333.6	370.5
62.5°	263.8	274.0	294.6	324.3
65°	232.0	240.2	255.6	281.2
67.5°	201.2	206.3	218.6	239.1
70°	171.4	175.5	185.8	202.2
72.5°	139.6	143.7	155.0	166.3
75°	112.9	113.9	122.1	131.4
77.5°	88.3	87.2	93.4	100.6
80°	60.6	63.6	68.8	71.8
82.5°	41.1	42.1	44.1	46.2
85°	22.6	23.6	23.6	26.7
87.5°	9.2	10.3	10.3	11.3
90°	13.8	9.7	5.6	1.5
92.5°	41.8	39.1	36.4	33.7
95°	89.7	86.3	82.9	79.5
97.5°	142.2	139.2	136.1	133.1
100°	202.4	199.7	197.0	194.3
102.5°	264.6	262.6	260.5	258.5
105°	332.0	330.9	329.9	328.9
107.5°	403.3	402.0	400.6	399.2
110°	472.6	470.6	468.5	466.5

TEST NUMBER: P1029626

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CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
112.5°	546.1	544.1	542.0	540.0
115°	618.0	615.9	613.9	611.9
117.5°	691.9	689.2	686.5	683.8
120°	763.8	761.1	758.4	755.7
122.5°	831.6	828.2	824.8	821.4
125°	899.4	896.4	893.3	890.3
127.5°	968.8	965.1	961.3	957.6
130°	1033.6	1029.1	1024.7	1020.3
132.5°	1100.8	1097.5	1094.1	1090.7
135°	1163.1	1159.3	1155.6	1151.8
137.5°	1228.3	1225.2	1222.2	1219.1
140°	1288.0	1284.9	1281.9	1278.8
142.5°	1349.2	1346.1	1343.1	1340.0
145°	1405.2	1402.9	1400.5	1398.1
147.5°	1459.3	1456.2	1453.2	1450.1
150°	1509.8	1507.7	1505.7	1503.7
152.5°	1557.2	1555.2	1553.1	1551.1
155°	1601.6	1600.5	1599.5	1598.5
157.5°	1641.9	1641.2	1640.5	1639.8
160°	1678.6	1677.9	1677.2	1676.5
162.5°	1710.2	1710.2	1710.2	1710.2
165°	1738.2	1738.5	1738.9	1739.2
167.5°	1762.1	1763.2	1764.2	1765.2
170°	1782.0	1783.1	1784.1	1785.1
172.5°	1795.8	1796.9	1797.9	1798.9
175°	1806.5	1807.6	1808.6	1809.6
177.5°	1812.6	1813.7	1814.7	1815.7
180°	1812.7	1812.7	1812.7	1812.7

(END OF REPORT)