

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: P1029688

Luminaire Tested: S122DIW-B675D710UB2750-4F0-XX-W2A-A1_4000K

Issue Date: 5/6/2025

Test Information

Test Method: LM-79-2019
Report Number: P1029688
REPORT IS A COMBINATION OF REPORTS P986650 AND P1007351
Test Lab: INNOVATION CENTER
Issue Date: 5/6/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: NEO-RAY
Catalog Number: S122DIW-B675D710UB2750-4F0-XX-W2A-A1_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

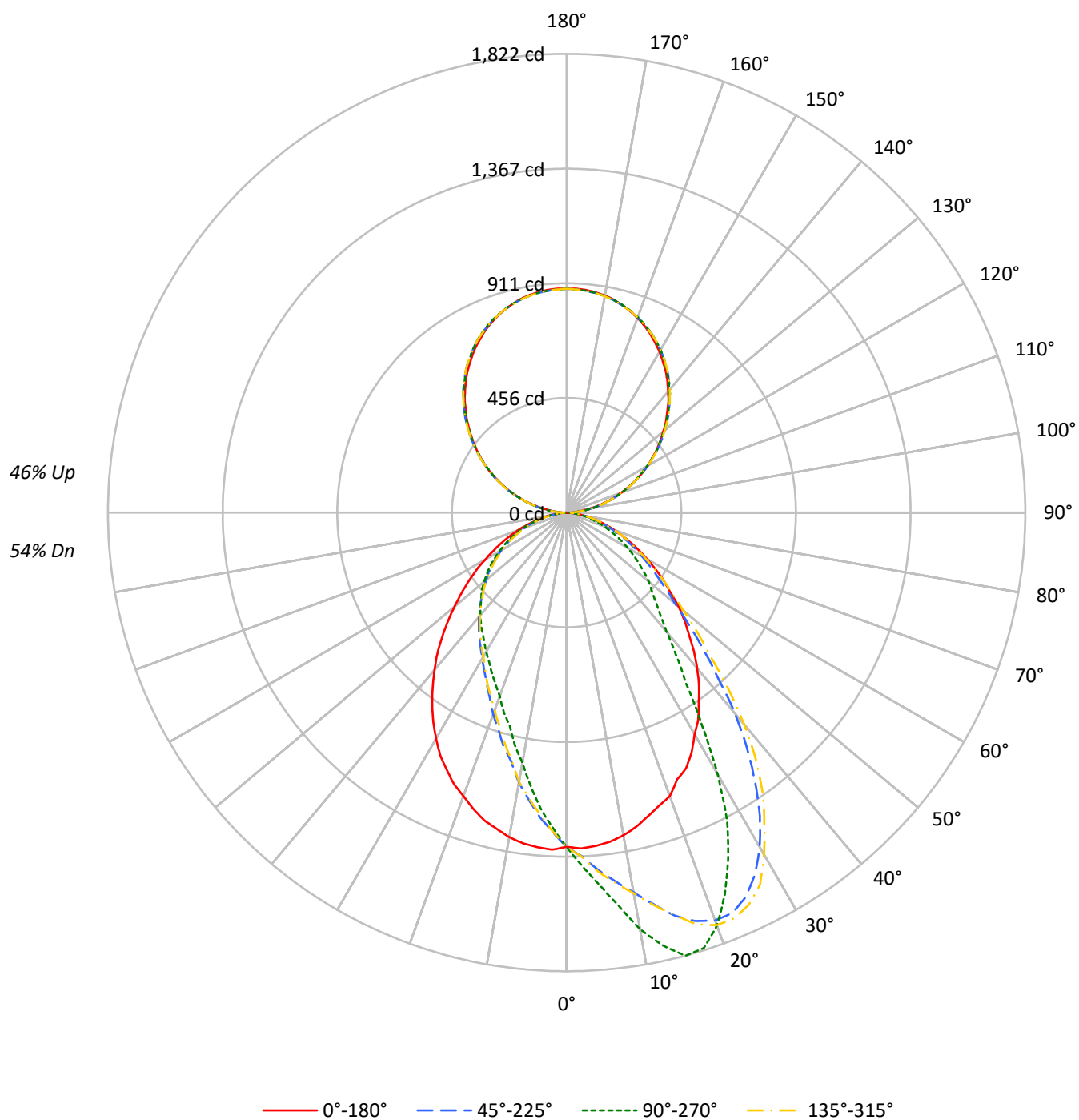
Lumens per Lamp: N/A
Luminaire Lumens: 5418.0 lumens
Efficiency: N/A
Efficacy: 91.7 lumens/watt
Spacing Criteria (0/90/45): 1.16 / 1.09 / 1.23
Luminous Opening: Rectangular w/ Sides (W: 0.17' x L: 4' x H: 0.1')
CIE Type: General Diffuse

Input Watts (W): 59.1
Input Voltage (V):
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT

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Luminous Intensity Polar Plot



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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20
RC	80				70				50				30				10
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10
RCR																	
0	108	108	108	108	100	100	100	100	86	86	86	72	72	72	60	60	60
1	99	95	91	88	92	88	85	82	76	74	71	64	63	61	54	53	52
2	91	84	78	73	84	78	73	68	67	63	60	57	54	52	48	46	44
3	83	74	67	61	77	69	63	58	60	55	51	51	47	45	43	40	38
4	76	66	58	52	71	62	55	49	53	48	44	46	42	39	39	36	33
5	70	59	51	45	65	55	48	43	48	43	38	41	37	34	35	32	29
6	65	53	45	40	60	50	43	38	44	38	34	38	33	30	32	29	26
7	60	48	40	35	56	45	38	33	40	34	30	34	30	27	29	26	24
8	56	44	36	31	52	41	34	30	36	31	27	32	27	24	27	24	21
9	52	40	33	28	49	38	31	27	33	28	24	29	25	22	25	22	19
10	49	37	30	25	45	35	28	24	31	26	22	27	23	20	23	20	18

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	2.3
10°-20°	368.0	6.8
20°-30°	534.1	9.9
30°-40°	563.1	10.4
40°-50°	498.3	9.2
50°-60°	397.9	7.3
60°-70°	270.2	5.0
70°-80°	138.3	2.6
80°-90°	35.2	0.6
90°-100°	55.0	1.0
100°-110°	174.9	3.2
110°-120°	299.3	5.5
120°-130°	393.6	7.3
130°-140°	441.8	8.2
140°-150°	433.2	8.0
150°-160°	363.4	6.7
160°-170°	241.0	4.4
170°-180°	84.2	1.6
0°-30°	1028.6	19.0
0°-40°	1591.7	29.4
0°-60°	2487.8	45.9
0°-90°	2931.5	54.1
90°-120°	529.2	9.8
90°-150°	1797.8	33.2
90°-180°	2486.0	45.9
0°-180°	5418.0	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	26	1	26	1	4
95°	39	46	39	46	39	44
105°	161	167	161	167	161	170
115°	300	300	300	300	300	297
125°	437	438	437	438	437	390
135°	565	572	565	572	565	437
145°	686	694	686	694	686	429
155°	784	790	784	790	784	361
165°	853	854	853	854	853	241
175°	888	885	888	885	888	84
180°	889	889	889	889	889	

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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°	0.8	2.8	4.8	6.8	8.8	9.8	11.6	15.3	19.0	22.6	26.3
92.5°	16.5	17.8	19.2	20.5	21.8	22.5	22.6	22.8	22.9	23.1	23.3
95°	39.0	40.7	42.3	44.0	45.7	46.5	46.7	47.0	47.3	47.7	48.0
97.5°	65.3	66.8	68.3	69.8	71.3	72.0	72.3	73.0	73.7	74.4	75.1
100°	95.3	96.6	98.0	99.3	100.6	101.3	101.6	102.1	102.6	103.1	103.6
102.5°	126.8	127.8	128.8	129.8	130.8	131.3	131.6	132.3	133.0	133.6	134.3
105°	161.4	161.9	162.4	162.9	163.4	163.6	163.8	164.1	164.4	164.8	165.1
107.5°	195.9	196.6	197.2	197.9	198.6	198.9	198.9	198.9	198.9	198.9	198.9
110°	228.9	229.9	230.9	231.9	232.9	233.4	233.4	233.4	233.4	233.4	233.4



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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	264.9	265.9	266.9	267.9	268.9	269.4	269.3	269.2	269.0	268.9	268.7
115°	300.2	301.2	302.2	303.2	304.2	304.7	304.5	304.2	303.9	303.5	303.2
117.5°	335.5	336.8	338.2	339.5	340.8	341.5	341.1	340.2	339.4	338.5	337.7
120°	370.8	372.1	373.5	374.8	376.1	376.8	376.1	374.8	373.5	372.1	370.8
122.5°	403.0	404.7	406.3	408.0	409.7	410.5	410.1	409.3	408.4	407.6	406.8
125°	436.8	438.3	439.8	441.3	442.8	443.6	443.3	442.8	442.3	441.8	441.3
127.5°	469.8	471.6	473.5	475.3	477.2	478.1	477.8	477.1	476.4	475.8	475.1
130°	500.6	502.8	504.9	507.1	509.2	510.3	510.1	509.8	509.5	509.1	508.8
132.5°	535.1	536.8	538.4	540.1	541.8	542.6	542.7	542.9	543.0	543.2	543.4
135°	565.1	566.9	568.8	570.6	572.5	573.4	573.6	573.9	574.2	574.6	574.9
137.5°	598.2	599.7	601.2	602.7	604.2	604.9	605.1	605.4	605.7	606.1	606.4
140°	627.4	628.9	630.4	631.9	633.4	634.2	634.6	635.4	636.3	637.1	637.9
142.5°	657.4	658.9	660.4	661.9	663.4	664.2	664.5	665.0	665.5	666.0	666.5
145°	686.0	687.2	688.3	689.5	690.6	691.2	691.7	692.7	693.7	694.7	695.7
147.5°	711.5	713.0	714.5	716.0	717.5	718.2	718.5	719.2	719.9	720.5	721.2
150°	737.8	738.8	739.8	740.8	741.8	742.3	742.6	743.3	744.0	744.6	745.3
152.5°	761.0	762.0	763.0	764.0	765.0	765.5	765.9	766.8	767.6	768.5	769.3
155°	784.3	784.8	785.3	785.8	786.3	786.5	786.8	787.3	787.8	788.3	788.8
157.5°	804.5	804.8	805.2	805.5	805.8	806.0	806.2	806.5	806.8	807.2	807.5
160°	822.6	822.9	823.3	823.6	823.9	824.1	824.2	824.3	824.5	824.6	824.8
162.5°	839.1	839.1	839.1	839.1	839.1	839.1	839.2	839.3	839.5	839.6	839.8
165°	853.3	853.1	853.0	852.8	852.7	852.6	852.6	852.6	852.6	852.6	852.6
167.5°	866.1	865.6	865.1	864.6	864.1	863.8	863.8	863.8	863.8	863.8	863.8
170°	875.8	875.3	874.8	874.3	873.8	873.6	873.5	873.3	873.2	873.0	872.8
172.5°	882.6	882.1	881.6	881.1	880.6	880.3	880.2	880.1	879.9	879.8	879.6
175°	887.9	887.4	886.9	886.4	885.9	885.6	885.4	885.1	884.8	884.4	884.1
177.5°	890.9	890.4	889.9	889.4	888.9	888.6	888.4	888.1	887.8	887.4	887.1
180°	889.4	889.4	889.4	889.4	889.4	889.4	889.4	889.4	889.4	889.4	889.4

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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°	26.0	25.6	25.3	25.0	24.8	24.9	25.0	25.2	25.3	25.5	25.3
92.5°	23.5	23.6	23.8	23.9	24.0	24.0	24.0	24.0	24.0	24.0	24.0
95°	48.0	48.0	48.0	48.0	48.0	47.8	47.5	47.2	46.8	46.5	46.8
97.5°	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
100°	103.6	103.6	103.6	103.6	103.6	103.5	103.3	103.2	103.0	102.8	103.0
102.5°	134.5	134.7	134.8	135.0	135.1	135.0	134.8	134.7	134.5	134.3	134.5
105°	165.4	165.8	166.1	166.4	166.6	166.6	166.6	166.6	166.6	166.6	166.6
107.5°	199.1	199.2	199.4	199.5	199.6	199.2	198.4	197.5	196.7	195.9	196.7
110°	233.4	233.4	233.4	233.4	233.4	233.2	232.7	232.2	231.7	231.2	231.7

TEST NUMBER: P1029688

CATALOG NUMBER: S122DIW-B675D710UB2750-4F0-XX-W2A-A1_4000K

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	268.2	267.7	267.2	266.7	266.4	266.2	265.9	265.6	265.2	264.9	265.2
115°	303.0	302.9	302.7	302.6	302.5	302.2	301.7	301.2	300.7	300.2	300.7
117.5°	337.2	336.7	336.2	335.7	335.5	335.2	334.7	334.2	333.7	333.2	333.7
120°	370.8	370.8	370.8	370.8	370.8	370.5	370.0	369.5	369.0	368.5	369.0
122.5°	406.3	405.8	405.3	404.8	404.5	404.3	404.0	403.7	403.3	403.0	403.3
125°	440.8	440.3	439.8	439.3	439.0	438.9	438.8	438.6	438.5	438.3	438.5
127.5°	474.4	473.8	473.1	472.4	472.1	471.8	471.3	470.8	470.3	469.8	470.3
130°	508.5	508.1	507.8	507.5	507.3	507.0	506.3	505.6	505.0	504.3	505.0
132.5°	542.6	541.7	540.9	540.0	539.6	539.4	538.9	538.4	537.9	537.4	537.9
135°	574.7	574.5	574.4	574.2	574.1	573.9	573.4	572.9	572.4	571.9	572.4
137.5°	606.2	606.1	605.9	605.8	605.7	605.4	604.7	604.0	603.4	602.7	603.4
140°	637.9	637.9	637.9	637.9	637.9	637.6	636.9	636.2	635.6	634.9	635.6
142.5°	666.7	666.8	667.0	667.1	667.2	666.9	666.2	665.5	664.9	664.2	664.9
145°	695.9	696.1	696.2	696.4	696.5	696.2	695.5	694.8	694.2	693.5	694.2
147.5°	721.5	721.9	722.2	722.5	722.7	722.4	721.7	721.0	720.4	719.7	720.4
150°	745.8	746.3	746.8	747.3	747.5	747.3	746.8	746.3	745.8	745.3	745.8
152.5°	770.0	770.6	771.3	772.0	772.3	772.0	771.3	770.6	770.0	769.3	770.0
155°	789.6	790.4	791.3	792.1	792.5	792.3	791.8	791.3	790.8	790.3	790.8
157.5°	808.7	809.9	811.0	812.2	812.8	812.4	811.6	810.7	809.9	809.1	809.9
160°	825.8	826.8	827.8	828.8	829.3	829.0	828.3	827.6	827.0	826.3	827.0
162.5°	841.0	842.2	843.3	844.5	845.1	844.7	843.8	843.0	842.1	841.3	842.1
165°	853.8	854.9	856.1	857.2	857.8	857.4	856.6	855.7	854.9	854.1	854.9
167.5°	865.0	866.2	867.3	868.5	869.1	868.7	867.8	867.0	866.1	865.3	866.1
170°	874.0	875.2	876.3	877.5	878.1	877.6	876.6	875.6	874.6	873.6	874.6
172.5°	880.8	882.0	883.1	884.3	884.9	884.4	883.4	882.3	881.3	880.3	881.3
175°	885.3	886.5	887.6	888.8	889.4	888.9	887.9	886.9	885.9	884.9	885.9
177.5°	888.1	889.1	890.1	891.1	891.6	891.1	890.1	889.1	888.1	887.1	888.1
180°	889.4	889.4	889.4	889.4	889.4	889.4	889.4	889.4	889.4	889.4	889.4

TEST NUMBER: P1029688

CATALOG NUMBER: S122DIW-B675D710UB2750-4F0-XX-W2A-A1_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°	25.2	25.0	24.9	24.8	25.0	25.3	25.6	26.0	26.3	22.6	19.0
92.5°	24.0	24.0	24.0	24.0	23.9	23.8	23.6	23.5	23.3	23.1	22.9
95°	47.2	47.5	47.8	48.0	48.0	48.0	48.0	48.0	48.0	47.7	47.3
97.5°	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	74.4	73.7
100°	103.2	103.3	103.5	103.6	103.6	103.6	103.6	103.6	103.6	103.1	102.6
102.5°	134.7	134.8	135.0	135.1	135.0	134.8	134.7	134.5	134.3	133.6	133.0
105°	166.6	166.6	166.6	166.6	166.4	166.1	165.8	165.4	165.1	164.8	164.4
107.5°	197.5	198.4	199.2	199.6	199.5	199.4	199.2	199.1	198.9	198.9	198.9
110°	232.2	232.7	233.2	233.4	233.4	233.4	233.4	233.4	233.4	233.4	233.4

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CATALOG NUMBER: S122DIW-B675D710UB2750-4F0-XX-W2A-A1_4000K

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	265.6	265.9	266.2	266.4	266.7	267.2	267.7	268.2	268.7	268.9	269.0
115°	301.2	301.7	302.2	302.5	302.6	302.7	302.9	303.0	303.2	303.5	303.9
117.5°	334.2	334.7	335.2	335.5	335.7	336.2	336.7	337.2	337.7	338.5	339.4
120°	369.5	370.0	370.5	370.8	370.8	370.8	370.8	370.8	370.8	372.1	373.5
122.5°	403.7	404.0	404.3	404.5	404.8	405.3	405.8	406.3	406.8	407.6	408.4
125°	438.6	438.8	438.9	439.0	439.3	439.8	440.3	440.8	441.3	441.8	442.3
127.5°	470.8	471.3	471.8	472.1	472.4	473.1	473.8	474.4	475.1	475.8	476.4
130°	505.6	506.3	507.0	507.3	507.5	507.8	508.1	508.5	508.8	509.1	509.5
132.5°	538.4	538.9	539.4	539.6	540.0	540.9	541.7	542.6	543.4	543.2	543.0
135°	572.9	573.4	573.9	574.1	574.2	574.4	574.5	574.7	574.9	574.6	574.2
137.5°	604.0	604.7	605.4	605.7	605.8	605.9	606.1	606.2	606.4	606.1	605.7
140°	636.2	636.9	637.6	637.9	637.9	637.9	637.9	637.9	637.9	637.1	636.3
142.5°	665.5	666.2	666.9	667.2	667.1	667.0	666.8	666.7	666.5	666.0	665.5
145°	694.8	695.5	696.2	696.5	696.4	696.2	696.1	695.9	695.7	694.7	693.7
147.5°	721.0	721.7	722.4	722.7	722.5	722.2	721.9	721.5	721.2	720.5	719.9
150°	746.3	746.8	747.3	747.5	747.3	746.8	746.3	745.8	745.3	744.6	744.0
152.5°	770.6	771.3	772.0	772.3	772.0	771.3	770.6	770.0	769.3	768.5	767.6
155°	791.3	791.8	792.3	792.5	792.1	791.3	790.4	789.6	788.8	788.3	787.8
157.5°	810.7	811.6	812.4	812.8	812.2	811.0	809.9	808.7	807.5	807.2	806.8
160°	827.6	828.3	829.0	829.3	828.8	827.8	826.8	825.8	824.8	824.6	824.5
162.5°	843.0	843.8	844.7	845.1	844.5	843.3	842.2	841.0	839.8	839.6	839.5
165°	855.7	856.6	857.4	857.8	857.2	856.1	854.9	853.8	852.6	852.6	852.6
167.5°	867.0	867.8	868.7	869.1	868.5	867.3	866.2	865.0	863.8	863.8	863.8
170°	875.6	876.6	877.6	878.1	877.5	876.3	875.2	874.0	872.8	873.0	873.2
172.5°	882.3	883.4	884.4	884.9	884.3	883.1	882.0	880.8	879.6	879.8	879.9
175°	886.9	887.9	888.9	889.4	888.8	887.6	886.5	885.3	884.1	884.4	884.8
177.5°	889.1	890.1	891.1	891.6	891.1	890.1	889.1	888.1	887.1	887.4	887.8
180°	889.4	889.4	889.4	889.4	889.4	889.4	889.4	889.4	889.4	889.4	889.4

TEST NUMBER: P1029688

CATALOG NUMBER: S122DIW-B675D710UB2750-4F0-XX-W2A-A1_4000K

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°	15.3	11.6	9.8	8.8	6.8	4.8	2.8	0.8	2.8	4.8	6.8
92.5°	22.8	22.6	22.5	21.8	20.5	19.2	17.8	16.5	17.8	19.2	20.5
95°	47.0	46.7	46.5	45.7	44.0	42.3	40.7	39.0	40.7	42.3	44.0
97.5°	73.0	72.3	72.0	71.3	69.8	68.3	66.8	65.3	66.8	68.3	69.8
100°	102.1	101.6	101.3	100.6	99.3	98.0	96.6	95.3	96.6	98.0	99.3
102.5°	132.3	131.6	131.3	130.8	129.8	128.8	127.8	126.8	127.8	128.8	129.8
105°	164.1	163.8	163.6	163.4	162.9	162.4	161.9	161.4	161.9	162.4	162.9
107.5°	198.9	198.9	198.9	198.6	197.9	197.2	196.6	195.9	196.6	197.2	197.9
110°	233.4	233.4	233.4	232.9	231.9	230.9	229.9	228.9	229.9	230.9	231.9

TEST NUMBER: P1029688

CATALOG NUMBER: S122DIW-B675D710UB2750-4F0-XX-W2A-A1_4000K

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
112.5°	269.2	269.3	269.4	268.9	267.9	266.9	265.9	264.9	265.9	266.9	267.9
115°	304.2	304.5	304.7	304.2	303.2	302.2	301.2	300.2	301.2	302.2	303.2
117.5°	340.2	341.1	341.5	340.8	339.5	338.2	336.8	335.5	336.8	338.2	339.5
120°	374.8	376.1	376.8	376.1	374.8	373.5	372.1	370.8	372.1	373.5	374.8
122.5°	409.3	410.1	410.5	409.7	408.0	406.3	404.7	403.0	404.7	406.3	408.0
125°	442.8	443.3	443.6	442.8	441.3	439.8	438.3	436.8	438.3	439.8	441.3
127.5°	477.1	477.8	478.1	477.2	475.3	473.5	471.6	469.8	471.6	473.5	475.3
130°	509.8	510.1	510.3	509.2	507.1	504.9	502.8	500.6	502.8	504.9	507.1
132.5°	542.9	542.7	542.6	541.8	540.1	538.4	536.8	535.1	536.8	538.4	540.1
135°	573.9	573.6	573.4	572.5	570.6	568.8	566.9	565.1	566.9	568.8	570.6
137.5°	605.4	605.1	604.9	604.2	602.7	601.2	599.7	598.2	599.7	601.2	602.7
140°	635.4	634.6	634.2	633.4	631.9	630.4	628.9	627.4	628.9	630.4	631.9
142.5°	665.0	664.5	664.2	663.4	661.9	660.4	658.9	657.4	658.9	660.4	661.9
145°	692.7	691.7	691.2	690.6	689.5	688.3	687.2	686.0	687.2	688.3	689.5
147.5°	719.2	718.5	718.2	717.5	716.0	714.5	713.0	711.5	713.0	714.5	716.0
150°	743.3	742.6	742.3	741.8	740.8	739.8	738.8	737.8	738.8	739.8	740.8
152.5°	766.8	765.9	765.5	765.0	764.0	763.0	762.0	761.0	762.0	763.0	764.0
155°	787.3	786.8	786.5	786.3	785.8	785.3	784.8	784.3	784.8	785.3	785.8
157.5°	806.5	806.2	806.0	805.8	805.5	805.2	804.8	804.5	804.8	805.2	805.5
160°	824.3	824.2	824.1	823.9	823.6	823.3	822.9	822.6	822.9	823.3	823.6
162.5°	839.3	839.2	839.1	839.1	839.1	839.1	839.1	839.1	839.1	839.1	839.1
165°	852.6	852.6	852.6	852.7	852.8	853.0	853.1	853.3	853.1	853.0	852.8
167.5°	863.8	863.8	863.8	864.1	864.6	865.1	865.6	866.1	865.6	865.1	864.6
170°	873.3	873.5	873.6	873.8	874.3	874.8	875.3	875.8	875.3	874.8	874.3
172.5°	880.1	880.2	880.3	880.6	881.1	881.6	882.1	882.6	882.1	881.6	881.1
175°	885.1	885.4	885.6	885.9	886.4	886.9	887.4	887.9	887.4	886.9	886.4
177.5°	888.1	888.4	888.6	888.9	889.4	889.9	890.4	890.9	890.4	889.9	889.4
180°	889.4	889.4	889.4	889.4	889.4	889.4	889.4	889.4	889.4	889.4	889.4

TEST NUMBER: P1029688

CATALOG NUMBER: S122DIW-B675D710UB2750-4F0-XX-W2A-A1_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°	8.8	9.8	11.6	15.3	19.0	22.6	26.3	26.0	25.6	25.3	25.0
92.5°	21.8	22.5	22.6	22.8	22.9	23.1	23.3	23.5	23.6	23.8	23.9
95°	45.7	46.5	46.7	47.0	47.3	47.7	48.0	48.0	48.0	48.0	48.0
97.5°	71.3	72.0	72.3	73.0	73.7	74.4	75.1	75.1	75.1	75.1	75.1
100°	100.6	101.3	101.6	102.1	102.6	103.1	103.6	103.6	103.6	103.6	103.6
102.5°	130.8	131.3	131.6	132.3	133.0	133.6	134.3	134.5	134.7	134.8	135.0
105°	163.4	163.6	163.8	164.1	164.4	164.8	165.1	165.4	165.8	166.1	166.4
107.5°	198.6	198.9	198.9	198.9	198.9	198.9	198.9	199.1	199.2	199.4	199.5
110°	232.9	233.4	233.4	233.4	233.4	233.4	233.4	233.4	233.4	233.4	233.4

TEST NUMBER: P1029688

CATALOG NUMBER: S122DIW-B675D710UB2750-4F0-XX-W2A-A1_4000K

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
112.5°	268.9	269.4	269.3	269.2	269.0	268.9	268.7	268.2	267.7	267.2	266.7
115°	304.2	304.7	304.5	304.2	303.9	303.5	303.2	303.0	302.9	302.7	302.6
117.5°	340.8	341.5	341.1	340.2	339.4	338.5	337.7	337.2	336.7	336.2	335.7
120°	376.1	376.8	376.1	374.8	373.5	372.1	370.8	370.8	370.8	370.8	370.8
122.5°	409.7	410.5	410.1	409.3	408.4	407.6	406.8	406.3	405.8	405.3	404.8
125°	442.8	443.6	443.3	442.8	442.3	441.8	441.3	440.8	440.3	439.8	439.3
127.5°	477.2	478.1	477.8	477.1	476.4	475.8	475.1	474.4	473.8	473.1	472.4
130°	509.2	510.3	510.1	509.8	509.5	509.1	508.8	508.5	508.1	507.8	507.5
132.5°	541.8	542.6	542.7	542.9	543.0	543.2	543.4	542.6	541.7	540.9	540.0
135°	572.5	573.4	573.6	573.9	574.2	574.6	574.9	574.7	574.5	574.4	574.2
137.5°	604.2	604.9	605.1	605.4	605.7	606.1	606.4	606.2	606.1	605.9	605.8
140°	633.4	634.2	634.6	635.4	636.3	637.1	637.9	637.9	637.9	637.9	637.9
142.5°	663.4	664.2	664.5	665.0	665.5	666.0	666.5	666.7	666.8	667.0	667.1
145°	690.6	691.2	691.7	692.7	693.7	694.7	695.7	695.9	696.1	696.2	696.4
147.5°	717.5	718.2	718.5	719.2	719.9	720.5	721.2	721.5	721.9	722.2	722.5
150°	741.8	742.3	742.6	743.3	744.0	744.6	745.3	745.8	746.3	746.8	747.3
152.5°	765.0	765.5	765.9	766.8	767.6	768.5	769.3	770.0	770.6	771.3	772.0
155°	786.3	786.5	786.8	787.3	787.8	788.3	788.8	789.6	790.4	791.3	792.1
157.5°	805.8	806.0	806.2	806.5	806.8	807.2	807.5	808.7	809.9	811.0	812.2
160°	823.9	824.1	824.2	824.3	824.5	824.6	824.8	825.8	826.8	827.8	828.8
162.5°	839.1	839.1	839.2	839.3	839.5	839.6	839.8	841.0	842.2	843.3	844.5
165°	852.7	852.6	852.6	852.6	852.6	852.6	852.6	853.8	854.9	856.1	857.2
167.5°	864.1	863.8	863.8	863.8	863.8	863.8	863.8	865.0	866.2	867.3	868.5
170°	873.8	873.6	873.5	873.3	873.2	873.0	872.8	874.0	875.2	876.3	877.5
172.5°	880.6	880.3	880.2	880.1	879.9	879.8	879.6	880.8	882.0	883.1	884.3
175°	885.9	885.6	885.4	885.1	884.8	884.4	884.1	885.3	886.5	887.6	888.8
177.5°	888.9	888.6	888.4	888.1	887.8	887.4	887.1	888.1	889.1	890.1	891.1
180°	889.4	889.4	889.4	889.4	889.4	889.4	889.4	889.4	889.4	889.4	889.4

TEST NUMBER: P1029688

CATALOG NUMBER: S122DIW-B675D710UB2750-4F0-XX-W2A-A1_4000K

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°	24.8	24.9	25.0	25.2	25.3	25.5	25.3	25.2	25.0	24.9	24.8
92.5°	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0
95°	48.0	47.8	47.5	47.2	46.8	46.5	46.8	47.2	47.5	47.8	48.0
97.5°	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
100°	103.6	103.5	103.3	103.2	103.0	102.8	103.0	103.2	103.3	103.5	103.6
102.5°	135.1	135.0	134.8	134.7	134.5	134.3	134.5	134.7	134.8	135.0	135.1
105°	166.6	166.6	166.6	166.6	166.6	166.6	166.6	166.6	166.6	166.6	166.6
107.5°	199.6	199.2	198.4	197.5	196.7	195.9	196.7	197.5	198.4	199.2	199.6
110°	233.4	233.2	232.7	232.2	231.7	231.2	231.7	232.2	232.7	233.2	233.4

TEST NUMBER: P1029688

CATALOG NUMBER: S122DIW-B675D710UB2750-4F0-XX-W2A-A1_4000K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
112.5°	266.4	266.2	265.9	265.6	265.2	264.9	265.2	265.6	265.9	266.2	266.4
115°	302.5	302.2	301.7	301.2	300.7	300.2	300.7	301.2	301.7	302.2	302.5
117.5°	335.5	335.2	334.7	334.2	333.7	333.2	333.7	334.2	334.7	335.2	335.5
120°	370.8	370.5	370.0	369.5	369.0	368.5	369.0	369.5	370.0	370.5	370.8
122.5°	404.5	404.3	404.0	403.7	403.3	403.0	403.3	403.7	404.0	404.3	404.5
125°	439.0	438.9	438.8	438.6	438.5	438.3	438.5	438.6	438.8	438.9	439.0
127.5°	472.1	471.8	471.3	470.8	470.3	469.8	470.3	470.8	471.3	471.8	472.1
130°	507.3	507.0	506.3	505.6	505.0	504.3	505.0	505.6	506.3	507.0	507.3
132.5°	539.6	539.4	538.9	538.4	537.9	537.4	537.9	538.4	538.9	539.4	539.6
135°	574.1	573.9	573.4	572.9	572.4	571.9	572.4	572.9	573.4	573.9	574.1
137.5°	605.7	605.4	604.7	604.0	603.4	602.7	603.4	604.0	604.7	605.4	605.7
140°	637.9	637.6	636.9	636.2	635.6	634.9	635.6	636.2	636.9	637.6	637.9
142.5°	667.2	666.9	666.2	665.5	664.9	664.2	664.9	665.5	666.2	666.9	667.2
145°	696.5	696.2	695.5	694.8	694.2	693.5	694.2	694.8	695.5	696.2	696.5
147.5°	722.7	722.4	721.7	721.0	720.4	719.7	720.4	721.0	721.7	722.4	722.7
150°	747.5	747.3	746.8	746.3	745.8	745.3	745.8	746.3	746.8	747.3	747.5
152.5°	772.3	772.0	771.3	770.6	770.0	769.3	770.0	770.6	771.3	772.0	772.3
155°	792.5	792.3	791.8	791.3	790.8	790.3	790.8	791.3	791.8	792.3	792.5
157.5°	812.8	812.4	811.6	810.7	809.9	809.1	809.9	810.7	811.6	812.4	812.8
160°	829.3	829.0	828.3	827.6	827.0	826.3	827.0	827.6	828.3	829.0	829.3
162.5°	845.1	844.7	843.8	843.0	842.1	841.3	842.1	843.0	843.8	844.7	845.1
165°	857.8	857.4	856.6	855.7	854.9	854.1	854.9	855.7	856.6	857.4	857.8
167.5°	869.1	868.7	867.8	867.0	866.1	865.3	866.1	867.0	867.8	868.7	869.1
170°	878.1	877.6	876.6	875.6	874.6	873.6	874.6	875.6	876.6	877.6	878.1
172.5°	884.9	884.4	883.4	882.3	881.3	880.3	881.3	882.3	883.4	884.4	884.9
175°	889.4	888.9	887.9	886.9	885.9	884.9	885.9	886.9	887.9	888.9	889.4
177.5°	891.6	891.1	890.1	889.1	888.1	887.1	888.1	889.1	890.1	891.1	891.6
180°	889.4	889.4	889.4	889.4	889.4	889.4	889.4	889.4	889.4	889.4	889.4

TEST NUMBER: P1029688

CATALOG NUMBER: S122DIW-B675D710UB2750-4F0-XX-W2A-A1_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°	25.0	25.3	25.6	26.0	26.3	22.6	19.0	15.3	11.6	9.8	8.8
92.5°	23.9	23.8	23.6	23.5	23.3	23.1	22.9	22.8	22.6	22.5	21.8
95°	48.0	48.0	48.0	48.0	48.0	47.7	47.3	47.0	46.7	46.5	45.7
97.5°	75.1	75.1	75.1	75.1	75.1	74.4	73.7	73.0	72.3	72.0	71.3
100°	103.6	103.6	103.6	103.6	103.6	103.1	102.6	102.1	101.6	101.3	100.6
102.5°	135.0	134.8	134.7	134.5	134.3	133.6	133.0	132.3	131.6	131.3	130.8
105°	166.4	166.1	165.8	165.4	165.1	164.8	164.4	164.1	163.8	163.6	163.4
107.5°	199.5	199.4	199.2	199.1	198.9	198.9	198.9	198.9	198.9	198.9	198.6
110°	233.4	233.4	233.4	233.4	233.4	233.4	233.4	233.4	233.4	233.4	232.9

TEST NUMBER: P1029688

CATALOG NUMBER: S122DIW-B675D710UB2750-4F0-XX-W2A-A1_4000K

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
112.5°	266.7	267.2	267.7	268.2	268.7	268.9	269.0	269.2	269.3	269.4	268.9
115°	302.6	302.7	302.9	303.0	303.2	303.5	303.9	304.2	304.5	304.7	304.2
117.5°	335.7	336.2	336.7	337.2	337.7	338.5	339.4	340.2	341.1	341.5	340.8
120°	370.8	370.8	370.8	370.8	370.8	372.1	373.5	374.8	376.1	376.8	376.1
122.5°	404.8	405.3	405.8	406.3	406.8	407.6	408.4	409.3	410.1	410.5	409.7
125°	439.3	439.8	440.3	440.8	441.3	441.8	442.3	442.8	443.3	443.6	442.8
127.5°	472.4	473.1	473.8	474.4	475.1	475.8	476.4	477.1	477.8	478.1	477.2
130°	507.5	507.8	508.1	508.5	508.8	509.1	509.5	509.8	510.1	510.3	509.2
132.5°	540.0	540.9	541.7	542.6	543.4	543.2	543.0	542.9	542.7	542.6	541.8
135°	574.2	574.4	574.5	574.7	574.9	574.6	574.2	573.9	573.6	573.4	572.5
137.5°	605.8	605.9	606.1	606.2	606.4	606.1	605.7	605.4	605.1	604.9	604.2
140°	637.9	637.9	637.9	637.9	637.9	637.1	636.3	635.4	634.6	634.2	633.4
142.5°	667.1	667.0	666.8	666.7	666.5	666.0	665.5	665.0	664.5	664.2	663.4
145°	696.4	696.2	696.1	695.9	695.7	694.7	693.7	692.7	691.7	691.2	690.6
147.5°	722.5	722.2	721.9	721.5	721.2	720.5	719.9	719.2	718.5	718.2	717.5
150°	747.3	746.8	746.3	745.8	745.3	744.6	744.0	743.3	742.6	742.3	741.8
152.5°	772.0	771.3	770.6	770.0	769.3	768.5	767.6	766.8	765.9	765.5	765.0
155°	792.1	791.3	790.4	789.6	788.8	788.3	787.8	787.3	786.8	786.5	786.3
157.5°	812.2	811.0	809.9	808.7	807.5	807.2	806.8	806.5	806.2	806.0	805.8
160°	828.8	827.8	826.8	825.8	824.8	824.6	824.5	824.3	824.2	824.1	823.9
162.5°	844.5	843.3	842.2	841.0	839.8	839.6	839.5	839.3	839.2	839.1	839.1
165°	857.2	856.1	854.9	853.8	852.6	852.6	852.6	852.6	852.6	852.6	852.7
167.5°	868.5	867.3	866.2	865.0	863.8	863.8	863.8	863.8	863.8	863.8	864.1
170°	877.5	876.3	875.2	874.0	872.8	873.0	873.2	873.3	873.5	873.6	873.8
172.5°	884.3	883.1	882.0	880.8	879.6	879.8	879.9	880.1	880.2	880.3	880.6
175°	888.8	887.6	886.5	885.3	884.1	884.4	884.8	885.1	885.4	885.6	885.9
177.5°	891.1	890.1	889.1	888.1	887.1	887.4	887.8	888.1	888.4	888.6	888.9
180°	889.4	889.4	889.4	889.4	889.4	889.4	889.4	889.4	889.4	889.4	889.4

TEST NUMBER: P1029688

CATALOG NUMBER: S122DIW-B675D710UB2750-4F0-XX-W2A-A1_4000K

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°	6.8	4.8	2.8	0.8
92.5°	20.5	19.2	17.8	16.5
95°	44.0	42.3	40.7	39.0
97.5°	69.8	68.3	66.8	65.3
100°	99.3	98.0	96.6	95.3
102.5°	129.8	128.8	127.8	126.8
105°	162.9	162.4	161.9	161.4
107.5°	197.9	197.2	196.6	195.9
110°	231.9	230.9	229.9	228.9

TEST NUMBER: P1029688

CATALOG NUMBER: S122DIW-B675D710UB2750-4F0-XX-W2A-A1_4000K

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
112.5°	267.9	266.9	265.9	264.9
115°	303.2	302.2	301.2	300.2
117.5°	339.5	338.2	336.8	335.5
120°	374.8	373.5	372.1	370.8
122.5°	408.0	406.3	404.7	403.0
125°	441.3	439.8	438.3	436.8
127.5°	475.3	473.5	471.6	469.8
130°	507.1	504.9	502.8	500.6
132.5°	540.1	538.4	536.8	535.1
135°	570.6	568.8	566.9	565.1
137.5°	602.7	601.2	599.7	598.2
140°	631.9	630.4	628.9	627.4
142.5°	661.9	660.4	658.9	657.4
145°	689.5	688.3	687.2	686.0
147.5°	716.0	714.5	713.0	711.5
150°	740.8	739.8	738.8	737.8
152.5°	764.0	763.0	762.0	761.0
155°	785.8	785.3	784.8	784.3
157.5°	805.5	805.2	804.8	804.5
160°	823.6	823.3	822.9	822.6
162.5°	839.1	839.1	839.1	839.1
165°	852.8	853.0	853.1	853.3
167.5°	864.6	865.1	865.6	866.1
170°	874.3	874.8	875.3	875.8
172.5°	881.1	881.6	882.1	882.6
175°	886.4	886.9	887.4	887.9
177.5°	889.4	889.9	890.4	890.9
180°	889.4	889.4	889.4	889.4

(END OF REPORT)