

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: P1029692

Luminaire Tested: S122DIW-B675D710UB2750-4F0-XX-W2A-A_3500K

Issue Date: 5/6/2025

Test Information

Test Method: LM-79-2019
Report Number: P1029692
REPORT IS A COMBINATION OF REPORTS P986659 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-A_3500K
Description: Define 2 Direct/Indirect Wall Mount with 3500K BioUP LEDs {m-DER=0.721} {m-EER=0.792}
Light Source: -
Ballast/Driver: -

Summary

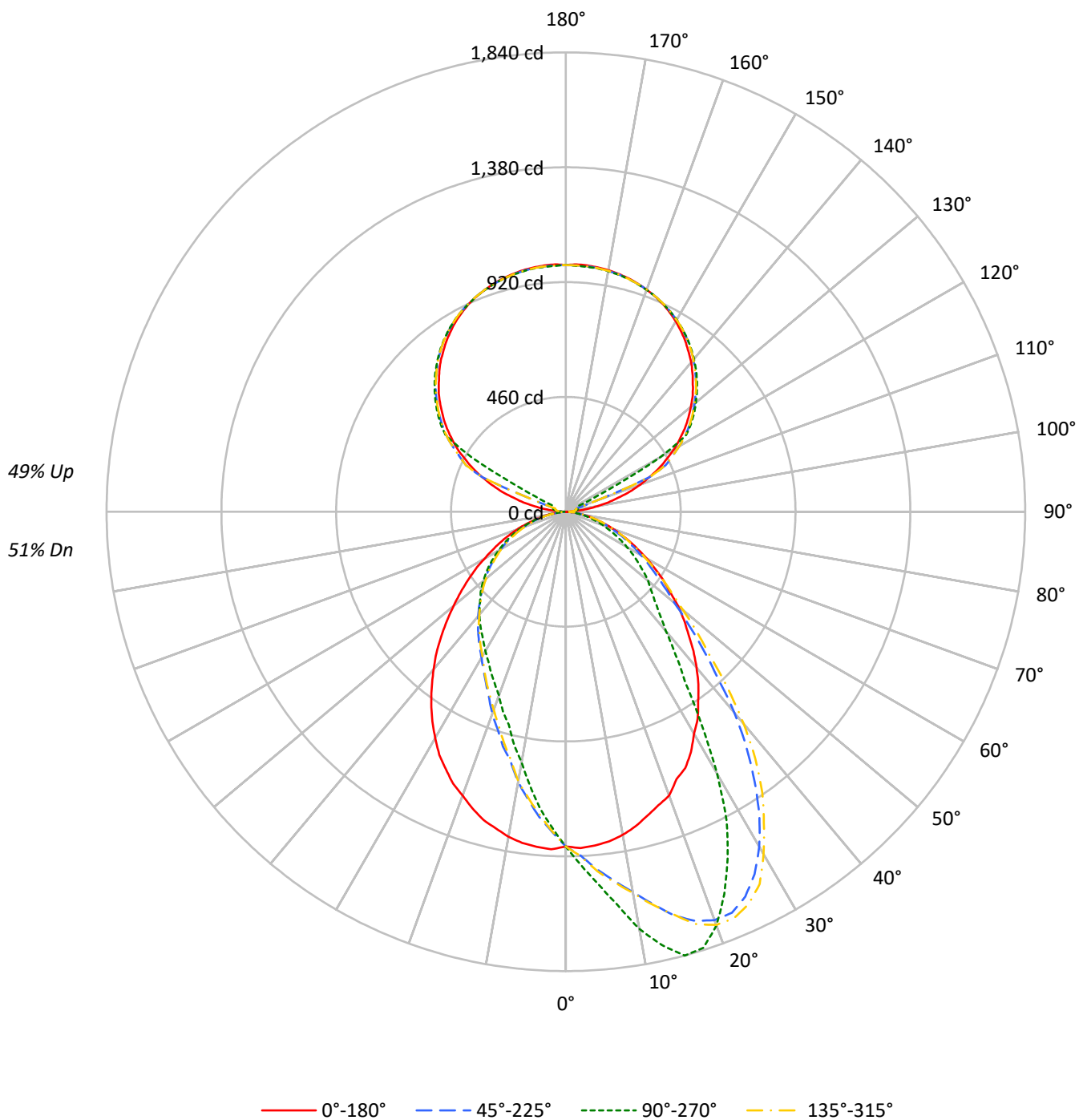
Lumens per Lamp: N/A
Luminaire Lumens: 5857.0 lumens
Efficiency: N/A
Efficacy: 99.1 lumens/watt
Spacing Criteria (0/90/45): 1.16 / 1.09 / 1.23
Luminous Opening: Rectangular w/ Sides (W: 0.17' x L: 4' x H: 0.1')
CIE Type: General Diffuse

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					0
RW	70	50	30	10	70	50	30	10		50	30	10		50	30	10		50	30	10
RCR																				
0	107	107	107	107	99	99	99	99		84	84	84		70	70	70		57	57	57
1	98	94	91	87	91	87	84	81		74	72	70		62	60	59		51	50	49
2	90	83	77	72	83	77	72	67		65	62	58		55	52	50		45	43	42
3	82	73	66	61	76	68	62	57		58	54	50		49	46	43		41	38	36
4	76	65	58	52	70	61	54	49		52	47	43		44	40	37		37	34	32
5	70	58	50	45	64	54	47	42		47	41	37		40	36	32		33	30	28
6	64	53	45	39	59	49	42	37		42	37	33		36	32	29		30	27	25
7	60	48	40	34	55	44	38	33		39	33	29		33	29	26		28	25	22
8	55	43	36	31	51	41	34	29		35	30	26		30	26	23		26	22	20
9	52	40	32	27	48	37	31	26		32	27	23		28	24	21		24	21	18
10	48	36	29	25	45	34	28	24		30	25	21		26	22	19		22	19	17

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	21222	21222	21222	21222
5°	21273	22627	21355	18003
10°	21026	24702	21159	14843
15°	20516	26055	20801	12503
20°	20196	24464	20196	10867
25°	19552	21017	19642	9718
30°	18494	16522	18847	8802
35°	17556	11424	17848	8053
40°	16477	8626	16665	7457
45°	15146	7088	15395	6812
50°	13997	6221	14023	6237
55°	12686	5302	12769	5611
60°	11288	4428	11446	4896
65°	10039	3601	10220	4182
70°	8791	2825	9017	3372
75°	7379	2052	7669	2446
80°	5756	1299	6171	1451
85°	3786	654	4082	484

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 157.5°

Vertical Angle: 45°

Luminance: 21938 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	127.7	2.2
10°-20°	371.7	6.3
20°-30°	539.4	9.2
30°-40°	568.7	9.7
40°-50°	503.2	8.6
50°-60°	401.8	6.9
60°-70°	272.9	4.7
70°-80°	139.6	2.4
80°-90°	34.7	0.6
90°-100°	32.6	0.6
100°-110°	121.5	2.1
110°-120°	322.2	5.5
120°-130°	534.4	9.1
130°-140°	567.6	9.7
140°-150°	527.5	9.0
150°-160°	424.1	7.2
160°-170°	273.3	4.7
170°-180°	94.1	1.6
0°-30°	1038.8	17.7
0°-40°	1607.5	27.4
0°-60°	2512.4	42.9
0°-90°	2959.7	50.5
90°-120°	476.3	8.1
90°-150°	2105.8	36.0
90°-180°	2897.0	49.5
0°-180°	5857.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1341	1341	1341	1341	1341	
5°	1342	1497	1347	1191	1342	127
15°	1260	1840	1278	883	1260	356
25°	1132	1533	1138	709	1132	518
35°	924	835	940	588	924	578
45°	694	503	705	483	694	538
55°	476	354	479	374	476	425
65°	282	217	288	252	282	281
75°	132	107	137	128	132	142
85°	27	28	29	21	27	31
90°	1	19	1	19	1	4
95°	46	31	46	31	46	55
105°	217	54	217	54	217	232
115°	411	59	411	59	411	405
125°	581	611	581	611	581	519
135°	719	743	719	743	719	556
145°	834	847	834	847	834	522
155°	919	920	919	920	919	423
165°	968	966	968	966	968	274
175°	990	985	990	985	990	94
180°	988	988	988	988	988	

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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	1340.7	1340.7	1340.7	1340.7	1340.7	1340.7	1340.7	1340.7	1340.7	1340.7	1340.7
2.5°	1347.9	1351.0	1356.2	1357.2	1367.5	1375.7	1385.0	1385.0	1388.1	1387.1	1378.8
5°	1341.7	1351.0	1364.4	1375.7	1394.3	1402.5	1414.9	1424.2	1432.4	1438.6	1437.6
7.5°	1331.4	1347.9	1367.5	1389.1	1413.9	1428.3	1445.8	1462.3	1473.6	1483.9	1491.2
10°	1313.9	1341.7	1368.5	1397.4	1429.3	1448.9	1469.5	1491.2	1508.7	1528.3	1546.8
12.5°	1290.2	1330.4	1363.4	1401.5	1440.7	1462.3	1495.3	1511.8	1545.8	1595.2	1608.6
15°	1260.3	1314.9	1345.9	1394.3	1445.8	1463.3	1508.7	1535.5	1605.5	1636.5	1673.6
17.5°	1232.5	1293.3	1334.5	1390.2	1440.7	1474.7	1519.0	1573.6	1632.3	1676.7	1717.9
20°	1209.8	1268.6	1318.0	1379.9	1443.8	1487.0	1533.4	1599.4	1663.3	1708.6	1740.5
22.5°	1158.3	1233.5	1291.2	1360.3	1437.6	1497.3	1541.7	1613.8	1682.8	1710.7	1738.5
25°	1132.5	1197.5	1264.4	1342.8	1433.4	1504.6	1542.7	1623.1	1683.9	1694.2	1700.4
27.5°	1085.1	1158.3	1236.6	1326.3	1432.4	1492.2	1540.6	1613.8	1662.2	1655.0	1636.5
30°	1026.4	1116.1	1202.6	1299.5	1418.0	1482.9	1528.3	1595.2	1620.0	1582.9	1549.9
32.5°	983.1	1067.6	1163.5	1275.8	1401.5	1463.3	1507.6	1560.2	1565.4	1498.4	1442.7
35°	924.4	1018.2	1126.4	1244.9	1373.7	1429.3	1470.5	1502.5	1477.8	1384.0	1318.0
37.5°	871.8	964.6	1080.0	1200.6	1335.6	1390.2	1423.1	1428.3	1367.5	1285.1	1188.2
40°	814.1	909.9	1030.5	1157.3	1293.3	1340.7	1361.3	1345.9	1258.3	1162.4	1050.1
42.5°	756.4	851.2	981.1	1110.9	1239.7	1279.9	1288.1	1245.9	1138.7	1026.4	896.6
45°	693.5	792.5	922.3	1053.2	1177.9	1200.6	1201.6	1140.8	1014.0	896.6	776.0
47.5°	642.0	733.7	862.5	993.4	1098.5	1114.0	1107.8	1037.7	899.6	767.7	662.6
50°	585.3	672.9	800.7	929.5	1019.2	1023.3	1007.8	907.9	772.9	652.3	568.8
52.5°	524.5	613.2	730.6	854.3	934.7	928.5	898.6	791.4	664.7	564.7	500.8
55°	476.1	554.4	664.7	785.3	841.9	824.4	791.4	682.2	582.2	497.7	442.1
57.5°	422.5	491.6	599.8	704.9	737.9	721.4	688.4	586.4	493.6	429.7	392.6
60°	372.0	434.9	529.7	617.3	643.0	625.5	587.4	495.7	428.7	375.1	347.3
62.5°	325.6	380.3	459.6	540.0	550.3	532.8	499.8	425.6	367.9	325.6	305.0
65°	282.4	333.9	397.8	458.6	467.9	449.3	415.3	361.7	313.3	286.5	266.9
67.5°	240.1	281.3	338.0	382.3	387.5	370.0	342.1	298.9	269.0	240.1	225.7
70°	203.0	233.9	278.2	314.3	316.4	299.9	285.5	246.3	223.6	203.0	191.7
72.5°	166.9	188.6	222.6	249.4	250.4	240.1	226.7	202.0	182.4	168.0	156.6
75°	131.9	150.5	171.1	194.8	193.7	185.5	175.2	159.7	143.2	134.0	128.8
77.5°	101.0	112.3	128.8	144.3	144.3	140.2	134.0	122.6	112.3	103.1	97.9
80°	72.1	79.3	92.7	97.9	100.0	98.9	93.8	85.5	81.4	74.2	72.1
82.5°	46.4	51.5	57.7	62.9	66.0	63.9	62.9	58.7	52.6	50.5	48.4
85°	26.8	28.9	31.9	35.0	36.1	35.0	37.1	34.0	30.9	30.9	29.9
87.5°	11.3	12.4	14.4	14.4	15.5	15.5	14.4	15.5	15.5	14.4	13.4
90°	0.7	2.5	4.2	6.0	7.7	8.6	9.2	10.5	11.8	13.0	14.3
92.5°	17.9	17.3	16.6	16.0	15.3	15.0	15.2	15.7	16.2	16.7	17.2
95°	46.5	41.3	36.0	30.8	25.5	22.9	23.5	24.6	25.7	26.8	27.9
97.5°	83.7	70.7	57.6	44.6	31.5	25.0	26.3	28.8	31.4	33.9	36.5
100°	126.6	104.8	83.0	61.3	39.5	28.6	30.0	32.7	35.4	38.1	40.8
102.5°	173.8	173.5	173.1	172.8	172.5	172.3	157.8	128.9	100.0	71.1	42.2
105°	217.4	222.2	226.9	231.7	236.4	238.8	217.1	173.7	130.4	87.0	43.6
107.5°	268.2	272.2	276.1	280.1	284.0	286.0	259.2	205.7	152.2	98.6	45.1
110°	316.8	320.1	323.5	326.8	330.1	331.8	308.8	262.9	217.0	171.0	125.1

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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	362.6	365.4	368.3	371.1	374.0	375.4	374.1	371.4	368.7	366.0	363.3
115°	411.2	413.9	416.6	419.3	422.0	423.3	425.3	429.3	433.2	437.2	441.2
117.5°	453.4	456.6	459.8	462.9	466.1	467.7	469.0	471.7	474.4	477.1	479.8
120°	500.6	503.0	505.4	507.7	510.1	511.3	512.7	515.6	518.5	521.3	524.2
122.5°	540.6	543.2	545.7	548.3	550.8	552.1	553.7	556.9	560.0	563.2	566.4
125°	581.4	583.5	585.5	587.6	589.7	590.7	592.2	595.2	598.3	601.3	604.3
127.5°	618.6	620.8	623.0	625.3	627.5	628.6	629.8	632.2	634.5	636.9	639.3
130°	653.6	656.1	658.7	661.2	663.7	665.0	665.9	667.6	669.4	671.1	672.9
132.5°	689.4	691.5	693.5	695.6	697.7	698.7	699.6	701.3	703.0	704.8	706.5
135°	719.4	721.9	724.5	727.0	729.5	730.8	731.5	733.0	734.4	735.9	737.3
137.5°	750.9	752.8	754.7	756.6	758.5	759.4	760.2	761.8	763.4	765.0	766.6
140°	781.6	782.9	784.1	785.4	786.7	787.3	788.2	789.9	791.7	793.4	795.2
142.5°	807.3	808.4	809.6	810.7	811.8	812.4	813.4	815.5	817.6	819.6	821.7
145°	834.5	834.3	834.2	834.0	833.9	833.8	835.2	837.9	840.6	843.3	846.0
147.5°	858.1	857.6	857.2	856.7	856.2	856.0	857.3	860.0	862.7	865.4	868.1
150°	881.0	879.9	878.8	877.7	876.6	876.0	877.3	879.8	882.3	884.9	887.4
152.5°	900.3	899.0	897.8	896.5	895.2	894.6	895.8	898.2	900.5	902.9	905.3
155°	918.9	917.5	916.1	914.6	913.2	912.5	913.5	915.4	917.3	919.2	921.1
157.5°	933.9	932.6	931.4	930.1	928.8	928.2	928.9	930.3	931.8	933.2	934.6
160°	946.8	945.8	944.9	943.9	943.0	942.5	943.0	943.9	944.9	945.8	946.8
162.5°	958.2	957.2	956.3	955.3	954.4	953.9	954.3	955.1	955.9	956.7	957.5
165°	968.2	967.3	966.3	965.4	964.5	964.0	964.2	964.7	965.2	965.6	966.1
167.5°	976.1	975.1	974.2	973.2	972.3	971.8	972.0	972.5	973.0	973.5	974.0
170°	982.5	981.6	980.6	979.7	978.8	978.3	978.5	978.8	979.1	979.4	979.7
172.5°	986.8	985.8	984.9	983.9	983.0	982.5	982.7	983.0	983.3	983.7	984.0
175°	990.4	989.3	988.2	987.1	986.0	985.4	985.6	985.9	986.2	986.5	986.8
177.5°	991.8	990.7	989.6	988.5	987.4	986.8	986.9	987.1	987.2	987.4	987.6
180°	988.3	988.3	988.3	988.3	988.3	988.3	988.3	988.3	988.3	988.3	988.3

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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	1340.7	1340.7	1340.7	1340.7	1340.7	1340.7	1340.7	1340.7	1340.7	1340.7	1340.7
2.5°	1393.3	1394.3	1396.4	1406.7	1411.8	1412.8	1408.7	1418.0	1421.1	1418.0	1415.9
5°	1459.2	1465.4	1477.8	1491.2	1490.1	1491.2	1497.3	1503.5	1505.6	1497.3	1500.4
7.5°	1516.9	1529.3	1542.7	1563.3	1563.3	1573.6	1577.7	1582.9	1595.2	1589.1	1587.0
10°	1582.9	1599.4	1624.1	1657.1	1658.1	1668.4	1678.7	1695.2	1700.4	1696.2	1698.3
12.5°	1665.3	1697.3	1699.3	1735.4	1751.9	1753.9	1770.4	1767.3	1777.6	1777.6	1795.2
15°	1701.4	1750.8	1778.7	1813.7	1824.0	1811.6	1825.0	1839.5	1840.5	1840.5	1839.5
17.5°	1766.3	1785.9	1813.7	1832.3	1836.4	1836.4	1837.4	1843.6	1839.5	1831.2	1837.4
20°	1779.7	1787.9	1798.3	1796.2	1798.3	1787.9	1777.6	1767.3	1768.4	1763.2	1778.7
22.5°	1755.0	1752.9	1729.2	1713.8	1713.8	1693.1	1673.6	1664.3	1655.0	1658.1	1663.3
25°	1693.1	1661.2	1632.3	1609.7	1604.5	1571.5	1544.7	1536.5	1521.0	1533.4	1535.5
27.5°	1594.2	1558.1	1511.8	1492.2	1465.4	1452.0	1433.4	1408.7	1376.8	1395.3	1392.2
30°	1488.1	1434.5	1396.4	1348.9	1306.7	1303.6	1268.6	1227.3	1210.9	1210.9	1220.1
32.5°	1369.6	1298.5	1242.8	1175.8	1134.6	1117.1	1074.8	1033.6	1042.9	1012.0	1023.3
35°	1231.5	1137.7	1067.6	1002.7	971.8	951.2	896.6	873.9	849.1	834.7	861.5
37.5°	1099.6	991.4	901.7	830.6	819.3	782.2	745.1	730.6	716.2	722.4	721.4
40°	938.8	843.0	762.6	706.9	687.4	669.8	645.1	627.6	618.3	623.5	624.5
42.5°	793.5	713.1	653.3	614.2	597.7	585.3	573.0	558.5	555.4	555.4	559.6
45°	681.2	615.2	575.0	543.1	533.8	524.5	515.3	509.1	507.0	502.9	506.0
47.5°	591.5	539.0	514.2	490.5	480.2	478.2	469.9	466.8	462.7	461.7	462.7
50°	516.3	483.3	460.6	447.2	440.0	436.9	432.8	426.6	424.6	429.7	427.7
52.5°	463.7	432.8	420.5	407.1	402.9	398.8	392.6	393.7	392.6	390.6	390.6
55°	411.2	391.6	379.2	368.9	367.9	363.8	358.6	356.6	355.5	353.5	356.6
57.5°	368.9	353.5	342.1	332.9	328.7	328.7	323.6	319.5	319.5	318.4	319.5
60°	326.7	311.2	304.0	294.7	291.6	290.6	287.5	285.5	282.4	282.4	282.4
62.5°	287.5	275.1	266.9	258.7	259.7	254.5	250.4	248.4	248.4	249.4	249.4
65°	250.4	242.2	231.9	224.7	222.6	221.6	219.5	218.5	215.4	217.4	217.4
67.5°	216.4	205.1	198.9	195.8	192.7	191.7	189.6	187.6	186.5	185.5	187.6
70°	182.4	173.1	168.0	165.9	162.8	161.8	160.8	157.7	158.7	159.7	160.8
72.5°	151.5	143.2	142.2	136.0	136.0	136.0	131.9	134.0	132.9	130.9	132.9
75°	119.5	115.4	113.4	110.3	111.3	110.3	109.2	106.1	106.1	107.2	108.2
77.5°	94.8	90.7	89.7	86.6	84.5	86.6	84.5	83.5	83.5	84.5	84.5
80°	70.1	68.0	64.9	64.9	64.9	63.9	63.9	63.9	62.9	61.8	62.9
82.5°	46.4	46.4	45.3	44.3	45.3	43.3	44.3	44.3	44.3	44.3	44.3
85°	29.9	28.9	28.9	27.8	27.8	27.8	28.9	26.8	26.8	27.8	27.8
87.5°	13.4	13.4	13.4	14.4	13.4	13.4	13.4	14.4	13.4	13.4	13.4
90°	15.1	15.9	16.7	17.5	17.9	18.1	18.4	18.7	19.0	19.3	19.0
92.5°	17.5	17.8	18.1	18.4	18.6	18.7	18.8	19.0	19.1	19.3	19.1
95°	28.7	29.5	30.3	31.1	31.5	31.4	31.2	31.1	30.9	30.7	30.9
97.5°	37.0	37.4	37.9	38.4	38.6	38.7	38.8	39.0	39.1	39.3	39.1
100°	42.1	43.3	44.6	45.9	46.5	46.7	47.0	47.3	47.6	47.9	47.6
102.5°	44.0	45.7	47.5	49.2	50.1	50.3	50.8	51.3	51.7	52.2	51.7
105°	45.4	47.1	48.9	50.6	51.5	51.8	52.4	53.1	53.7	54.3	53.7
107.5°	46.8	48.6	50.3	52.0	52.9	53.2	53.9	54.5	55.2	55.8	55.2
110°	109.2	93.3	77.4	61.5	53.6	53.9	54.6	55.2	55.9	56.5	55.9

TEST NUMBER: P1029692

CATALOG NUMBER: S122DIW-B675D710UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	294.8	226.3	157.8	89.3	55.1	55.3	55.8	56.3	56.7	57.2	56.7
115°	367.6	294.0	220.5	146.9	110.1	104.4	92.9	81.5	70.0	58.6	70.0
117.5°	457.1	434.4	411.7	389.0	377.6	356.8	315.1	273.5	231.8	190.2	231.8
120°	526.1	528.0	529.9	531.8	532.8	522.1	500.6	479.1	457.7	436.2	457.7
122.5°	567.4	568.3	569.3	570.2	570.7	570.8	570.9	571.1	571.2	571.4	571.2
125°	605.4	606.5	607.6	608.7	609.3	609.5	610.0	610.5	610.9	611.4	610.9
127.5°	640.9	642.5	644.1	645.7	646.5	646.6	646.7	646.9	647.0	647.2	647.0
130°	674.7	676.4	678.2	679.9	680.8	680.7	680.6	680.4	680.3	680.1	680.3
132.5°	707.9	709.4	710.8	712.3	713.0	712.9	712.7	712.6	712.4	712.2	712.4
135°	738.9	740.5	742.0	743.6	744.4	744.2	743.9	743.6	743.3	743.0	743.3
137.5°	768.2	769.8	771.3	772.9	773.7	773.5	773.0	772.5	772.1	771.6	772.1
140°	796.6	798.0	799.5	800.9	801.6	801.2	800.4	799.7	798.9	798.1	798.9
142.5°	823.0	824.2	825.5	826.8	827.4	827.0	826.2	825.4	824.6	823.8	824.6
145°	847.1	848.2	849.3	850.4	851.0	850.6	849.8	849.0	848.2	847.4	848.2
147.5°	868.9	869.7	870.5	871.3	871.7	871.4	870.7	870.1	869.4	868.8	869.4
150°	888.4	889.3	890.3	891.2	891.7	891.3	890.5	889.8	889.0	888.2	889.0
152.5°	906.3	907.2	908.2	909.1	909.6	909.0	907.9	906.8	905.7	904.6	905.7
155°	922.0	923.0	923.9	924.8	925.3	924.7	923.4	922.1	920.9	919.6	920.9
157.5°	935.7	936.8	937.9	939.0	939.6	939.0	937.7	936.4	935.2	933.9	935.2
160°	947.8	948.7	949.7	950.6	951.1	950.5	949.4	948.3	947.2	946.1	947.2
162.5°	958.6	959.7	960.8	961.9	962.5	961.8	960.4	958.9	957.5	956.1	957.5
165°	967.2	968.3	969.4	970.5	971.1	970.5	969.4	968.3	967.2	966.1	967.2
167.5°	975.1	976.2	977.3	978.4	979.0	978.3	976.8	975.4	973.9	972.5	973.9
170°	980.8	981.9	983.0	984.1	984.7	984.0	982.6	981.1	979.7	978.3	979.7
172.5°	985.1	986.2	987.3	988.4	989.0	988.3	986.8	985.4	983.9	982.5	983.9
175°	987.9	989.0	990.1	991.2	991.8	991.0	989.4	987.9	986.3	984.7	986.3
177.5°	988.7	989.8	990.9	992.0	992.6	991.9	990.4	989.0	987.5	986.1	987.5
180°	988.3	988.3	988.3	988.3	988.3	988.3	988.3	988.3	988.3	988.3	988.3

TEST NUMBER: P1029692

CATALOG NUMBER: S122DIW-B675D710UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	1340.7	1340.7	1340.7	1340.7	1340.7	1340.7	1340.7	1340.7	1340.7	1340.7	1340.7
2.5°	1421.1	1413.9	1407.7	1408.7	1413.9	1409.7	1399.4	1386.0	1380.9	1374.7	1380.9
5°	1506.6	1500.4	1488.1	1489.1	1486.0	1481.9	1465.4	1444.8	1444.8	1428.3	1426.2
7.5°	1591.1	1581.8	1573.6	1571.5	1560.2	1552.0	1537.5	1508.7	1497.3	1477.8	1466.4
10°	1685.9	1678.7	1669.4	1658.1	1651.9	1637.5	1613.8	1571.5	1550.9	1524.1	1504.6
12.5°	1781.8	1780.7	1760.1	1737.5	1736.4	1713.8	1697.3	1640.6	1612.8	1576.7	1530.3
15°	1842.6	1837.4	1826.1	1814.7	1817.8	1793.1	1756.0	1689.0	1670.5	1627.2	1577.7
17.5°	1841.5	1841.5	1838.4	1836.4	1833.3	1826.1	1805.5	1761.2	1731.3	1676.7	1630.3
20°	1782.8	1796.2	1799.3	1798.3	1808.6	1813.7	1812.7	1784.9	1761.2	1712.7	1665.3
22.5°	1665.3	1696.2	1709.6	1717.9	1739.5	1750.8	1777.6	1767.3	1761.2	1725.1	1684.9
25°	1556.1	1566.4	1606.6	1608.6	1638.5	1666.3	1693.1	1710.7	1733.3	1719.9	1685.9
27.5°	1414.9	1438.6	1467.5	1489.1	1495.3	1552.0	1596.3	1629.2	1680.8	1684.9	1673.6
30°	1255.2	1266.5	1313.9	1342.8	1375.7	1417.0	1480.9	1537.5	1583.9	1626.2	1640.6
32.5°	1060.4	1106.8	1134.6	1169.6	1198.5	1271.7	1350.0	1423.1	1476.7	1547.8	1578.8
35°	882.1	918.2	965.6	980.0	1032.6	1094.4	1196.4	1290.2	1371.6	1443.8	1506.6
37.5°	734.8	763.6	814.1	836.8	867.7	947.0	1032.6	1149.0	1246.9	1335.6	1413.9
40°	633.8	655.4	693.5	700.8	726.5	798.7	867.7	976.9	1106.8	1226.3	1311.8
42.5°	564.7	575.0	600.8	610.1	626.6	675.0	736.8	839.9	960.4	1084.1	1204.7
45°	515.3	522.5	537.9	546.2	566.8	588.4	638.9	721.4	816.2	940.9	1070.7
47.5°	470.9	480.2	486.4	491.6	502.9	526.6	559.6	620.4	711.1	825.4	951.2
50°	433.8	436.9	448.3	449.3	456.5	472.0	502.9	540.0	612.1	704.9	826.5
52.5°	396.7	399.8	407.1	414.3	417.4	429.7	450.3	481.3	534.8	608.0	716.2
55°	359.7	363.8	371.0	376.1	379.2	389.5	401.9	431.8	474.0	525.6	614.2
57.5°	322.6	331.8	333.9	337.0	342.1	353.5	364.8	382.3	415.3	462.7	527.6
60°	287.5	290.6	297.8	300.9	306.1	312.2	326.7	340.1	363.8	400.9	459.6
62.5°	251.4	258.7	261.8	264.8	269.0	276.2	285.5	299.9	320.5	350.4	396.7
65°	220.5	221.6	227.7	231.9	236.0	241.1	250.4	263.8	276.2	304.0	338.0
67.5°	190.6	192.7	194.8	198.9	204.0	209.2	217.4	224.7	240.1	258.7	285.5
70°	161.8	161.8	166.9	170.0	169.0	175.2	181.4	189.6	201.0	218.5	240.1
72.5°	136.0	135.0	139.1	140.2	142.2	146.3	150.5	158.7	164.9	178.3	194.8
75°	108.2	110.3	112.3	112.3	115.4	118.5	122.6	126.8	134.0	142.2	154.6
77.5°	85.5	85.5	87.6	88.6	91.7	90.7	94.8	98.9	104.1	111.3	120.6
80°	62.9	64.9	64.9	64.9	66.0	67.0	71.1	74.2	77.3	82.4	86.6
82.5°	44.3	44.3	46.4	46.4	46.4	48.4	48.4	49.5	51.5	54.6	57.7
85°	27.8	27.8	27.8	28.9	27.8	28.9	30.9	29.9	30.9	33.0	33.0
87.5°	13.4	13.4	13.4	13.4	13.4	14.4	13.4	14.4	15.5	15.5	15.5
90°	18.7	18.4	18.1	17.9	17.5	16.7	15.9	15.1	14.3	13.0	11.8
92.5°	19.0	18.8	18.7	18.6	18.4	18.1	17.8	17.5	17.2	16.7	16.2
95°	31.1	31.2	31.4	31.5	31.1	30.3	29.5	28.7	27.9	26.8	25.7
97.5°	39.0	38.8	38.7	38.6	38.4	37.9	37.4	37.0	36.5	33.9	31.4
100°	47.3	47.0	46.7	46.5	45.9	44.6	43.3	42.1	40.8	38.1	35.4
102.5°	51.3	50.8	50.3	50.1	49.2	47.5	45.7	44.0	42.2	71.1	100.0
105°	53.1	52.4	51.8	51.5	50.6	48.9	47.1	45.4	43.6	87.0	130.4
107.5°	54.5	53.9	53.2	52.9	52.0	50.3	48.6	46.8	45.1	98.6	152.2
110°	55.2	54.6	53.9	53.6	61.5	77.4	93.3	109.2	125.1	171.0	217.0

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CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	56.3	55.8	55.3	55.1	89.3	157.8	226.3	294.8	363.3	366.0	368.7
115°	81.5	92.9	104.4	110.1	146.9	220.5	294.0	367.6	441.2	437.2	433.2
117.5°	273.5	315.1	356.8	377.6	389.0	411.7	434.4	457.1	479.8	477.1	474.4
120°	479.1	500.6	522.1	532.8	531.8	529.9	528.0	526.1	524.2	521.3	518.5
122.5°	571.1	570.9	570.8	570.7	570.2	569.3	568.3	567.4	566.4	563.2	560.0
125°	610.5	610.0	609.5	609.3	608.7	607.6	606.5	605.4	604.3	601.3	598.3
127.5°	646.9	646.7	646.6	646.5	645.7	644.1	642.5	640.9	639.3	636.9	634.5
130°	680.4	680.6	680.7	680.8	679.9	678.2	676.4	674.7	672.9	671.1	669.4
132.5°	712.6	712.7	712.9	713.0	712.3	710.8	709.4	707.9	706.5	704.8	703.0
135°	743.6	743.9	744.2	744.4	743.6	742.0	740.5	738.9	737.3	735.9	734.4
137.5°	772.5	773.0	773.5	773.7	772.9	771.3	769.8	768.2	766.6	765.0	763.4
140°	799.7	800.4	801.2	801.6	800.9	799.5	798.0	796.6	795.2	793.4	791.7
142.5°	825.4	826.2	827.0	827.4	826.8	825.5	824.2	823.0	821.7	819.6	817.6
145°	849.0	849.8	850.6	851.0	850.4	849.3	848.2	847.1	846.0	843.3	840.6
147.5°	870.1	870.7	871.4	871.7	871.3	870.5	869.7	868.9	868.1	865.4	862.7
150°	889.8	890.5	891.3	891.7	891.2	890.3	889.3	888.4	887.4	884.9	882.3
152.5°	906.8	907.9	909.0	909.6	909.1	908.2	907.2	906.3	905.3	902.9	900.5
155°	922.1	923.4	924.7	925.3	924.8	923.9	923.0	922.0	921.1	919.2	917.3
157.5°	936.4	937.7	939.0	939.6	939.0	937.9	936.8	935.7	934.6	933.2	931.8
160°	948.3	949.4	950.5	951.1	950.6	949.7	948.7	947.8	946.8	945.8	944.9
162.5°	958.9	960.4	961.8	962.5	961.9	960.8	959.7	958.6	957.5	956.7	955.9
165°	968.3	969.4	970.5	971.1	970.5	969.4	968.3	967.2	966.1	965.6	965.2
167.5°	975.4	976.8	978.3	979.0	978.4	977.3	976.2	975.1	974.0	973.5	973.0
170°	981.1	982.6	984.0	984.7	984.1	983.0	981.9	980.8	979.7	979.4	979.1
172.5°	985.4	986.8	988.3	989.0	988.4	987.3	986.2	985.1	984.0	983.7	983.3
175°	987.9	989.4	991.0	991.8	991.2	990.1	989.0	987.9	986.8	986.5	986.2
177.5°	989.0	990.4	991.9	992.6	992.0	990.9	989.8	988.7	987.6	987.4	987.2
180°	988.3	988.3	988.3	988.3	988.3	988.3	988.3	988.3	988.3	988.3	988.3

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CATALOG NUMBER: S122DIW-B675D710UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
0°	1340.7	1340.7	1340.7	1340.7	1340.7	1340.7	1340.7	1340.7	1340.7	1340.7	1340.7
2.5°	1375.7	1370.6	1367.5	1369.6	1363.4	1347.9	1347.9	1353.1	1346.9	1340.7	1331.4
5°	1413.9	1403.6	1397.4	1396.4	1381.9	1357.2	1352.0	1346.9	1333.5	1319.1	1303.6
7.5°	1451.0	1432.4	1422.1	1414.9	1394.3	1362.3	1348.9	1337.6	1316.0	1294.3	1274.8
10°	1481.9	1455.1	1442.7	1431.4	1404.6	1364.4	1342.8	1322.2	1294.3	1266.5	1241.8
12.5°	1506.6	1475.7	1460.2	1443.8	1410.8	1358.2	1331.4	1298.5	1270.6	1233.5	1208.8
15°	1547.8	1483.9	1469.5	1454.1	1420.1	1347.9	1314.9	1277.8	1239.7	1190.2	1163.5
17.5°	1580.8	1495.3	1494.3	1461.3	1417.0	1343.8	1293.3	1244.9	1203.6	1154.2	1111.9
20°	1600.4	1512.8	1496.3	1462.3	1406.7	1316.0	1263.4	1209.8	1165.5	1105.7	1063.5
22.5°	1616.9	1537.5	1494.3	1453.0	1385.0	1306.7	1229.4	1178.9	1118.1	1053.2	1013.0
25°	1623.1	1542.7	1497.3	1449.9	1369.6	1279.9	1192.3	1137.7	1069.7	1010.9	956.3
27.5°	1624.1	1541.7	1486.0	1436.5	1347.9	1244.9	1155.2	1097.5	1022.3	954.3	899.6
30°	1613.8	1530.3	1479.8	1426.2	1327.3	1212.9	1109.9	1046.0	965.6	897.6	840.9
32.5°	1582.9	1507.6	1466.4	1407.7	1300.5	1168.6	1066.6	995.5	911.0	844.0	789.4
35°	1531.3	1479.8	1434.5	1379.9	1265.5	1127.4	1023.3	939.8	854.3	790.4	738.9
37.5°	1467.5	1439.6	1397.4	1343.8	1225.3	1090.3	974.9	882.1	796.6	734.8	684.3
40°	1380.9	1388.1	1346.9	1298.5	1177.9	1039.8	912.0	823.4	743.0	685.3	635.8
42.5°	1287.1	1317.0	1293.3	1246.9	1125.3	984.1	865.6	767.7	689.4	629.6	588.4
45°	1186.1	1237.7	1223.2	1189.2	1070.7	925.4	799.7	704.9	635.8	578.1	542.1
47.5°	1075.9	1149.0	1149.0	1124.3	1009.9	866.7	743.0	646.1	578.1	536.9	501.9
50°	963.5	1046.0	1059.4	1042.9	941.9	799.7	674.0	586.4	527.6	487.4	461.7
52.5°	846.1	941.9	966.6	958.4	869.8	735.8	617.3	531.7	478.2	443.1	420.5
55°	733.7	845.0	871.8	874.9	792.5	665.7	554.4	479.2	427.7	404.0	384.4
57.5°	627.6	734.8	764.6	769.8	714.1	601.8	495.7	429.7	383.4	363.8	348.3
60°	536.9	626.6	665.7	677.1	628.6	527.6	441.1	377.2	342.1	323.6	309.2
62.5°	462.7	534.8	576.1	579.2	557.5	462.7	384.4	330.8	300.9	284.4	277.2
65°	390.6	455.5	480.2	492.6	475.1	400.9	331.8	287.5	263.8	249.4	242.2
67.5°	332.9	374.1	394.7	411.2	393.7	338.0	282.4	246.3	228.8	214.3	210.2
70°	273.1	307.1	322.6	339.0	323.6	281.3	241.1	208.2	192.7	181.4	176.2
72.5°	218.5	245.3	259.7	270.0	260.7	225.7	192.7	170.0	158.7	150.5	147.4
75°	173.1	191.7	199.9	207.1	203.0	176.2	155.6	137.1	126.8	119.5	117.5
77.5°	131.9	145.3	154.6	156.6	151.5	134.0	116.4	105.1	96.9	92.7	90.7
80°	93.8	102.0	107.2	110.3	105.1	97.9	85.5	77.3	70.1	64.9	63.9
82.5°	62.9	67.0	71.1	70.1	68.0	61.8	54.6	50.5	47.4	43.3	43.3
85°	36.1	37.1	39.2	40.2	39.2	35.0	30.9	28.9	26.8	23.7	23.7
87.5°	15.5	16.5	16.5	17.5	15.5	15.5	13.4	11.3	11.3	10.3	9.3
90°	10.5	9.2	8.6	7.7	6.0	4.2	2.5	0.7	2.5	4.2	6.0
92.5°	15.7	15.2	15.0	15.3	16.0	16.6	17.3	17.9	17.3	16.6	16.0
95°	24.6	23.5	22.9	25.5	30.8	36.0	41.3	46.5	41.3	36.0	30.8
97.5°	28.8	26.3	25.0	31.5	44.6	57.6	70.7	83.7	70.7	57.6	44.6
100°	32.7	30.0	28.6	39.5	61.3	83.0	104.8	126.6	104.8	83.0	61.3
102.5°	128.9	157.8	172.3	172.5	172.8	173.1	173.5	173.8	173.5	173.1	172.8
105°	173.7	217.1	238.8	236.4	231.7	226.9	222.2	217.4	222.2	226.9	231.7
107.5°	205.7	259.2	286.0	284.0	280.1	276.1	272.2	268.2	272.2	276.1	280.1
110°	262.9	308.8	331.8	330.1	326.8	323.5	320.1	316.8	320.1	323.5	326.8

TEST NUMBER: P1029692

CATALOG NUMBER: S122DIW-B675D710UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
112.5°	371.4	374.1	375.4	374.0	371.1	368.3	365.4	362.6	365.4	368.3	371.1
115°	429.3	425.3	423.3	422.0	419.3	416.6	413.9	411.2	413.9	416.6	419.3
117.5°	471.7	469.0	467.7	466.1	462.9	459.8	456.6	453.4	456.6	459.8	462.9
120°	515.6	512.7	511.3	510.1	507.7	505.4	503.0	500.6	503.0	505.4	507.7
122.5°	556.9	553.7	552.1	550.8	548.3	545.7	543.2	540.6	543.2	545.7	548.3
125°	595.2	592.2	590.7	589.7	587.6	585.5	583.5	581.4	583.5	585.5	587.6
127.5°	632.2	629.8	628.6	627.5	625.3	623.0	620.8	618.6	620.8	623.0	625.3
130°	667.6	665.9	665.0	663.7	661.2	658.7	656.1	653.6	656.1	658.7	661.2
132.5°	701.3	699.6	698.7	697.7	695.6	693.5	691.5	689.4	691.5	693.5	695.6
135°	733.0	731.5	730.8	729.5	727.0	724.5	721.9	719.4	721.9	724.5	727.0
137.5°	761.8	760.2	759.4	758.5	756.6	754.7	752.8	750.9	752.8	754.7	756.6
140°	789.9	788.2	787.3	786.7	785.4	784.1	782.9	781.6	782.9	784.1	785.4
142.5°	815.5	813.4	812.4	811.8	810.7	809.6	808.4	807.3	808.4	809.6	810.7
145°	837.9	835.2	833.8	833.9	834.0	834.2	834.3	834.5	834.3	834.2	834.0
147.5°	860.0	857.3	856.0	856.2	856.7	857.2	857.6	858.1	857.6	857.2	856.7
150°	879.8	877.3	876.0	876.6	877.7	878.8	879.9	881.0	879.9	878.8	877.7
152.5°	898.2	895.8	894.6	895.2	896.5	897.8	899.0	900.3	899.0	897.8	896.5
155°	915.4	913.5	912.5	913.2	914.6	916.1	917.5	918.9	917.5	916.1	914.6
157.5°	930.3	928.9	928.2	928.8	930.1	931.4	932.6	933.9	932.6	931.4	930.1
160°	943.9	943.0	942.5	943.0	943.9	944.9	945.8	946.8	945.8	944.9	943.9
162.5°	955.1	954.3	953.9	954.4	955.3	956.3	957.2	958.2	957.2	956.3	955.3
165°	964.7	964.2	964.0	964.5	965.4	966.3	967.3	968.2	967.3	966.3	965.4
167.5°	972.5	972.0	971.8	972.3	973.2	974.2	975.1	976.1	975.1	974.2	973.2
170°	978.8	978.5	978.3	978.8	979.7	980.6	981.6	982.5	981.6	980.6	979.7
172.5°	983.0	982.7	982.5	983.0	983.9	984.9	985.8	986.8	985.8	984.9	983.9
175°	985.9	985.6	985.4	986.0	987.1	988.2	989.3	990.4	989.3	988.2	987.1
177.5°	987.1	986.9	986.8	987.4	988.5	989.6	990.7	991.8	990.7	989.6	988.5
180°	988.3	988.3	988.3	988.3	988.3	988.3	988.3	988.3	988.3	988.3	988.3

TEST NUMBER: P1029692

CATALOG NUMBER: S122DIW-B675D710UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
0°	1340.7	1340.7	1340.7	1340.7	1340.7	1340.7	1340.7	1340.7	1340.7	1340.7	1340.7
2.5°	1326.3	1331.4	1330.4	1320.1	1308.8	1299.5	1282.0	1284.0	1277.8	1278.9	1285.1
5°	1293.3	1293.3	1289.2	1274.8	1256.2	1245.9	1226.3	1221.2	1208.8	1207.8	1206.7
7.5°	1258.3	1253.1	1248.0	1227.3	1204.7	1188.2	1161.4	1155.2	1142.8	1134.6	1130.5
10°	1217.0	1209.8	1199.5	1175.8	1148.0	1127.4	1099.6	1091.3	1067.6	1057.3	1051.1
12.5°	1171.7	1167.6	1151.1	1131.5	1086.2	1063.5	1023.3	1031.5	1007.8	987.2	984.1
15°	1126.4	1110.9	1101.6	1069.7	1015.1	1004.8	972.8	956.3	934.7	918.2	918.2
17.5°	1082.0	1058.3	1037.7	1003.7	963.5	934.7	911.0	902.7	875.9	859.5	856.4
20°	1023.3	996.5	991.4	942.9	915.1	883.2	860.5	839.9	820.3	813.1	807.9
22.5°	967.7	936.7	928.5	887.3	859.5	827.5	804.8	790.4	776.0	770.8	761.6
25°	907.9	889.3	877.0	832.7	801.7	771.9	756.4	746.1	732.7	731.7	725.5
27.5°	850.2	832.7	820.3	778.0	755.4	727.5	715.2	703.8	696.6	693.5	690.4
30°	800.7	781.1	766.7	735.8	708.0	685.3	675.0	667.8	663.7	658.5	657.5
32.5°	746.1	734.8	715.2	691.5	669.8	648.2	642.0	636.9	630.7	628.6	627.6
35°	699.7	684.3	671.9	645.1	635.8	617.3	610.1	605.9	597.7	595.6	593.6
37.5°	654.4	640.0	626.6	610.1	592.5	582.2	578.1	571.9	567.8	568.8	566.8
40°	609.0	597.7	587.4	569.9	559.6	554.4	546.2	540.0	537.9	539.0	537.9
42.5°	564.7	554.4	548.2	534.8	524.5	519.4	514.2	508.0	511.1	511.1	514.2
45°	524.5	515.3	511.1	500.8	494.6	486.4	481.3	480.2	484.3	483.3	483.3
47.5°	483.3	480.2	475.1	465.8	457.5	452.4	451.4	451.4	455.5	457.5	456.5
50°	451.4	445.2	439.0	431.8	425.6	423.5	420.5	422.5	426.6	426.6	428.7
52.5°	411.2	407.1	405.0	398.8	394.7	394.7	394.7	395.7	398.8	401.9	400.9
55°	376.1	373.0	371.0	367.9	362.7	363.8	362.7	364.8	367.9	371.0	373.0
57.5°	339.0	338.0	335.9	330.8	330.8	329.8	332.9	333.9	339.0	341.1	344.2
60°	306.1	303.0	303.0	298.9	298.9	298.9	301.9	305.0	309.2	310.2	312.2
62.5°	271.0	271.0	270.0	266.9	266.9	270.0	271.0	275.1	277.2	277.2	280.3
65°	238.0	237.0	236.0	237.0	238.0	238.0	241.1	243.2	245.3	246.3	247.3
67.5°	205.1	204.0	206.1	205.1	207.1	211.3	210.2	213.3	216.4	216.4	217.4
70°	174.2	176.2	175.2	177.2	176.2	178.3	181.4	182.4	182.4	183.4	186.5
72.5°	145.3	145.3	145.3	144.3	145.3	147.4	149.4	150.5	152.5	153.5	156.6
75°	117.5	117.5	115.4	117.5	117.5	119.5	121.6	121.6	121.6	123.7	126.8
77.5°	88.6	89.7	88.6	90.7	90.7	91.7	93.8	92.7	94.8	95.8	96.9
80°	64.9	63.9	63.9	63.9	64.9	64.9	67.0	68.0	68.0	71.1	69.0
82.5°	41.2	42.3	41.2	42.3	42.3	43.3	42.3	43.3	44.3	46.4	45.3
85°	23.7	22.7	22.7	23.7	22.7	22.7	23.7	22.7	23.7	22.7	23.7
87.5°	9.3	8.2	8.2	8.2	8.2	7.2	7.2	6.2	6.2	6.2	5.2
90°	7.7	8.6	9.2	10.5	11.8	13.0	14.3	15.1	15.9	16.7	17.5
92.5°	15.3	15.0	15.2	15.7	16.2	16.7	17.2	17.5	17.8	18.1	18.4
95°	25.5	22.9	23.5	24.6	25.7	26.8	27.9	28.7	29.5	30.3	31.1
97.5°	31.5	25.0	26.3	28.8	31.4	33.9	36.5	37.0	37.4	37.9	38.4
100°	39.5	28.6	30.0	32.7	35.4	38.1	40.8	42.1	43.3	44.6	45.9
102.5°	172.5	172.3	157.8	128.9	100.0	71.1	42.2	44.0	45.7	47.5	49.2
105°	236.4	238.8	217.1	173.7	130.4	87.0	43.6	45.4	47.1	48.9	50.6
107.5°	284.0	286.0	259.2	205.7	152.2	98.6	45.1	46.8	48.6	50.3	52.0
110°	330.1	331.8	308.8	262.9	217.0	171.0	125.1	109.2	93.3	77.4	61.5

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CATALOG NUMBER: S122DIW-B675D710UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
112.5°	374.0	375.4	374.1	371.4	368.7	366.0	363.3	294.8	226.3	157.8	89.3
115°	422.0	423.3	425.3	429.3	433.2	437.2	441.2	367.6	294.0	220.5	146.9
117.5°	466.1	467.7	469.0	471.7	474.4	477.1	479.8	457.1	434.4	411.7	389.0
120°	510.1	511.3	512.7	515.6	518.5	521.3	524.2	526.1	528.0	529.9	531.8
122.5°	550.8	552.1	553.7	556.9	560.0	563.2	566.4	567.4	568.3	569.3	570.2
125°	589.7	590.7	592.2	595.2	598.3	601.3	604.3	605.4	606.5	607.6	608.7
127.5°	627.5	628.6	629.8	632.2	634.5	636.9	639.3	640.9	642.5	644.1	645.7
130°	663.7	665.0	665.9	667.6	669.4	671.1	672.9	674.7	676.4	678.2	679.9
132.5°	697.7	698.7	699.6	701.3	703.0	704.8	706.5	707.9	709.4	710.8	712.3
135°	729.5	730.8	731.5	733.0	734.4	735.9	737.3	738.9	740.5	742.0	743.6
137.5°	758.5	759.4	760.2	761.8	763.4	765.0	766.6	768.2	769.8	771.3	772.9
140°	786.7	787.3	788.2	789.9	791.7	793.4	795.2	796.6	798.0	799.5	800.9
142.5°	811.8	812.4	813.4	815.5	817.6	819.6	821.7	823.0	824.2	825.5	826.8
145°	833.9	833.8	835.2	837.9	840.6	843.3	846.0	847.1	848.2	849.3	850.4
147.5°	856.2	856.0	857.3	860.0	862.7	865.4	868.1	868.9	869.7	870.5	871.3
150°	876.6	876.0	877.3	879.8	882.3	884.9	887.4	888.4	889.3	890.3	891.2
152.5°	895.2	894.6	895.8	898.2	900.5	902.9	905.3	906.3	907.2	908.2	909.1
155°	913.2	912.5	913.5	915.4	917.3	919.2	921.1	922.0	923.0	923.9	924.8
157.5°	928.8	928.2	928.9	930.3	931.8	933.2	934.6	935.7	936.8	937.9	939.0
160°	943.0	942.5	943.0	943.9	944.9	945.8	946.8	947.8	948.7	949.7	950.6
162.5°	954.4	953.9	954.3	955.1	955.9	956.7	957.5	958.6	959.7	960.8	961.9
165°	964.5	964.0	964.2	964.7	965.2	965.6	966.1	967.2	968.3	969.4	970.5
167.5°	972.3	971.8	972.0	972.5	973.0	973.5	974.0	975.1	976.2	977.3	978.4
170°	978.8	978.3	978.5	978.8	979.1	979.4	979.7	980.8	981.9	983.0	984.1
172.5°	983.0	982.5	982.7	983.0	983.3	983.7	984.0	985.1	986.2	987.3	988.4
175°	986.0	985.4	985.6	985.9	986.2	986.5	986.8	987.9	989.0	990.1	991.2
177.5°	987.4	986.8	986.9	987.1	987.2	987.4	987.6	988.7	989.8	990.9	992.0
180°	988.3	988.3	988.3	988.3	988.3	988.3	988.3	988.3	988.3	988.3	988.3

TEST NUMBER: P1029692

CATALOG NUMBER: S122DIW-B675D710UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
0°	1340.7	1340.7	1340.7	1340.7	1340.7	1340.7	1340.7	1340.7	1340.7	1340.7	1340.7
2.5°	1277.8	1280.9	1273.7	1271.7	1273.7	1266.5	1268.6	1270.6	1270.6	1273.7	1275.8
5°	1203.6	1199.5	1192.3	1190.2	1188.2	1191.3	1189.2	1192.3	1193.3	1200.6	1201.6
7.5°	1130.5	1124.3	1118.1	1111.9	1109.9	1104.7	1109.9	1109.9	1117.1	1115.0	1120.2
10°	1043.9	1042.9	1034.6	1031.5	1027.4	1019.2	1030.5	1027.4	1032.6	1041.9	1043.9
12.5°	980.0	968.7	973.8	959.4	964.6	956.3	957.4	957.4	965.6	966.6	964.6
15°	919.2	909.9	896.6	890.4	887.3	883.2	896.6	897.6	891.4	905.8	900.7
17.5°	857.4	857.4	845.0	841.9	833.7	837.8	835.7	836.8	834.7	845.0	850.2
20°	803.8	798.7	794.5	795.6	785.3	783.2	781.1	783.2	790.4	797.6	799.7
22.5°	760.5	757.4	747.1	749.2	740.9	744.0	742.0	747.1	748.2	748.2	755.4
25°	719.3	715.2	716.2	712.1	709.0	709.0	705.9	709.0	713.1	715.2	716.2
27.5°	688.4	685.3	680.1	677.1	679.1	674.0	678.1	681.2	681.2	679.1	681.2
30°	651.3	653.3	653.3	643.0	647.2	645.1	648.2	650.3	650.3	651.3	649.2
32.5°	626.6	620.4	619.3	618.3	618.3	614.2	614.2	617.3	618.3	619.3	622.4
35°	593.6	593.6	588.4	591.5	587.4	588.4	587.4	588.4	590.5	587.4	590.5
37.5°	563.7	564.7	562.7	564.7	565.8	563.7	561.6	565.8	563.7	563.7	561.6
40°	537.9	536.9	537.9	537.9	537.9	539.0	536.9	536.9	536.9	534.8	532.8
42.5°	516.3	510.1	512.2	513.2	510.1	510.1	511.1	510.1	513.2	507.0	507.0
45°	485.4	483.3	484.3	484.3	486.4	483.3	485.4	486.4	483.3	482.3	480.2
47.5°	457.5	459.6	457.5	459.6	459.6	461.7	457.5	458.6	459.6	455.5	452.4
50°	429.7	429.7	432.8	431.8	432.8	430.8	430.8	429.7	430.8	428.7	425.6
52.5°	404.0	400.9	406.0	405.0	404.0	402.9	401.9	402.9	400.9	398.8	398.8
55°	372.0	372.0	375.1	376.1	376.1	374.1	372.0	373.0	372.0	371.0	370.0
57.5°	346.3	342.1	344.2	345.2	345.2	342.1	344.2	342.1	342.1	343.2	340.1
60°	313.3	313.3	311.2	314.3	314.3	312.2	312.2	313.3	311.2	310.2	309.2
62.5°	278.2	279.3	282.4	283.4	284.4	282.4	280.3	281.3	281.3	278.2	279.3
65°	248.4	250.4	254.5	253.5	251.4	252.5	250.4	251.4	248.4	249.4	246.3
67.5°	219.5	218.5	219.5	219.5	221.6	220.5	218.5	218.5	217.4	220.5	217.4
70°	188.6	188.6	188.6	188.6	189.6	190.6	188.6	186.5	187.6	185.5	184.5
72.5°	156.6	157.7	156.6	158.7	155.6	157.7	157.7	156.6	155.6	155.6	155.6
75°	126.8	128.8	125.7	126.8	125.7	127.8	126.8	126.8	124.7	123.7	124.7
77.5°	96.9	97.9	95.8	96.9	95.8	96.9	96.9	95.8	95.8	95.8	95.8
80°	69.0	70.1	69.0	68.0	67.0	69.0	67.0	68.0	69.0	68.0	70.1
82.5°	44.3	44.3	43.3	44.3	42.3	42.3	43.3	43.3	42.3	44.3	42.3
85°	21.6	21.6	23.7	21.6	20.6	20.6	20.6	21.6	20.6	22.7	21.6
87.5°	5.2	4.1	5.2	5.2	4.1	4.1	5.2	4.1	5.2	6.2	4.1
90°	17.9	18.1	18.4	18.7	19.0	19.3	19.0	18.7	18.4	18.1	17.9
92.5°	18.6	18.7	18.8	19.0	19.1	19.3	19.1	19.0	18.8	18.7	18.6
95°	31.5	31.4	31.2	31.1	30.9	30.7	30.9	31.1	31.2	31.4	31.5
97.5°	38.6	38.7	38.8	39.0	39.1	39.3	39.1	39.0	38.8	38.7	38.6
100°	46.5	46.7	47.0	47.3	47.6	47.9	47.6	47.3	47.0	46.7	46.5
102.5°	50.1	50.3	50.8	51.3	51.7	52.2	51.7	51.3	50.8	50.3	50.1
105°	51.5	51.8	52.4	53.1	53.7	54.3	53.7	53.1	52.4	51.8	51.5
107.5°	52.9	53.2	53.9	54.5	55.2	55.8	55.2	54.5	53.9	53.2	52.9
110°	53.6	53.9	54.6	55.2	55.9	56.5	55.9	55.2	54.6	53.9	53.6

TEST NUMBER: P1029692

CATALOG NUMBER: S122DIW-B675D710UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
112.5°	55.1	55.3	55.8	56.3	56.7	57.2	56.7	56.3	55.8	55.3	55.1
115°	110.1	104.4	92.9	81.5	70.0	58.6	70.0	81.5	92.9	104.4	110.1
117.5°	377.6	356.8	315.1	273.5	231.8	190.2	231.8	273.5	315.1	356.8	377.6
120°	532.8	522.1	500.6	479.1	457.7	436.2	457.7	479.1	500.6	522.1	532.8
122.5°	570.7	570.8	570.9	571.1	571.2	571.4	571.2	571.1	570.9	570.8	570.7
125°	609.3	609.5	610.0	610.5	610.9	611.4	610.9	610.5	610.0	609.5	609.3
127.5°	646.5	646.6	646.7	646.9	647.0	647.2	647.0	646.9	646.7	646.6	646.5
130°	680.8	680.7	680.6	680.4	680.3	680.1	680.3	680.4	680.6	680.7	680.8
132.5°	713.0	712.9	712.7	712.6	712.4	712.2	712.4	712.6	712.7	712.9	713.0
135°	744.4	744.2	743.9	743.6	743.3	743.0	743.3	743.6	743.9	744.2	744.4
137.5°	773.7	773.5	773.0	772.5	772.1	771.6	772.1	772.5	773.0	773.5	773.7
140°	801.6	801.2	800.4	799.7	798.9	798.1	798.9	799.7	800.4	801.2	801.6
142.5°	827.4	827.0	826.2	825.4	824.6	823.8	824.6	825.4	826.2	827.0	827.4
145°	851.0	850.6	849.8	849.0	848.2	847.4	848.2	849.0	849.8	850.6	851.0
147.5°	871.7	871.4	870.7	870.1	869.4	868.8	869.4	870.1	870.7	871.4	871.7
150°	891.7	891.3	890.5	889.8	889.0	888.2	889.0	889.8	890.5	891.3	891.7
152.5°	909.6	909.0	907.9	906.8	905.7	904.6	905.7	906.8	907.9	909.0	909.6
155°	925.3	924.7	923.4	922.1	920.9	919.6	920.9	922.1	923.4	924.7	925.3
157.5°	939.6	939.0	937.7	936.4	935.2	933.9	935.2	936.4	937.7	939.0	939.6
160°	951.1	950.5	949.4	948.3	947.2	946.1	947.2	948.3	949.4	950.5	951.1
162.5°	962.5	961.8	960.4	958.9	957.5	956.1	957.5	958.9	960.4	961.8	962.5
165°	971.1	970.5	969.4	968.3	967.2	966.1	967.2	968.3	969.4	970.5	971.1
167.5°	979.0	978.3	976.8	975.4	973.9	972.5	973.9	975.4	976.8	978.3	979.0
170°	984.7	984.0	982.6	981.1	979.7	978.3	979.7	981.1	982.6	984.0	984.7
172.5°	989.0	988.3	986.8	985.4	983.9	982.5	983.9	985.4	986.8	988.3	989.0
175°	991.8	991.0	989.4	987.9	986.3	984.7	986.3	987.9	989.4	991.0	991.8
177.5°	992.6	991.9	990.4	989.0	987.5	986.1	987.5	989.0	990.4	991.9	992.6
180°	988.3	988.3	988.3	988.3	988.3	988.3	988.3	988.3	988.3	988.3	988.3

TEST NUMBER: P1029692

CATALOG NUMBER: S122DIW-B675D710UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
0°	1340.7	1340.7	1340.7	1340.7	1340.7	1340.7	1340.7	1340.7	1340.7	1340.7	1340.7
2.5°	1272.7	1280.9	1277.8	1266.5	1279.9	1279.9	1289.2	1289.2	1300.5	1304.6	1310.8
5°	1200.6	1206.7	1211.9	1206.7	1216.0	1230.4	1238.7	1245.9	1261.4	1267.5	1276.8
7.5°	1123.3	1134.6	1139.8	1139.8	1155.2	1171.7	1188.2	1198.5	1220.1	1228.4	1237.7
10°	1048.0	1061.4	1071.7	1070.7	1096.5	1106.8	1127.4	1151.1	1172.7	1185.1	1198.5
12.5°	968.7	975.9	990.3	1010.9	1017.1	1035.7	1059.4	1089.3	1128.4	1139.8	1159.3
15°	902.7	922.3	933.6	942.9	957.4	974.9	1000.6	1029.5	1068.6	1093.4	1114.0
17.5°	847.1	872.8	880.1	878.0	896.6	923.3	953.2	974.9	1009.9	1039.8	1059.4
20°	801.7	812.0	824.4	829.6	844.0	872.8	901.7	926.4	955.3	979.0	1001.7
22.5°	756.4	764.6	774.9	784.2	795.6	812.0	839.9	870.8	898.6	921.3	947.0
25°	719.3	724.5	733.7	740.9	753.3	764.6	784.2	818.2	851.2	864.6	887.3
27.5°	683.2	687.4	693.5	701.8	708.0	719.3	736.8	764.6	798.7	812.0	843.0
30°	651.3	654.4	660.6	664.7	667.8	681.2	694.6	716.2	742.0	760.5	783.2
32.5°	621.4	624.5	630.7	631.7	635.8	643.0	655.4	675.0	697.7	713.1	732.7
35°	588.4	590.5	596.7	598.7	601.8	608.0	617.3	631.7	652.3	663.7	681.2
37.5°	562.7	561.6	565.8	568.8	573.0	576.1	579.2	593.6	609.0	619.3	632.7
40°	534.8	532.8	533.8	537.9	540.0	544.1	544.1	558.5	568.8	577.1	587.4
42.5°	507.0	506.0	503.9	506.0	508.0	509.1	510.1	520.4	530.7	537.9	549.3
45°	479.2	478.2	476.1	477.1	477.1	479.2	482.3	486.4	493.6	499.8	506.0
47.5°	453.4	451.4	448.3	447.2	449.3	449.3	449.3	453.4	460.6	462.7	468.9
50°	426.6	423.5	419.4	417.4	417.4	416.3	418.4	419.4	425.6	427.7	432.8
52.5°	397.8	395.7	391.6	387.5	388.5	386.4	387.5	388.5	390.6	393.7	396.7
55°	368.9	364.8	361.7	360.7	357.6	357.6	354.5	358.6	357.6	358.6	362.7
57.5°	341.1	337.0	331.8	329.8	326.7	325.6	323.6	322.6	323.6	326.7	329.8
60°	308.1	306.1	303.0	299.9	297.8	294.7	292.7	292.7	291.6	291.6	292.7
62.5°	276.2	275.1	271.0	270.0	267.9	265.9	262.8	260.7	260.7	262.8	263.8
65°	245.3	244.2	241.1	240.1	235.0	232.9	231.9	230.8	228.8	228.8	228.8
67.5°	216.4	213.3	213.3	208.2	204.0	202.0	199.9	198.9	198.9	198.9	199.9
70°	184.5	184.5	181.4	178.3	174.2	175.2	172.1	169.0	169.0	166.9	168.0
72.5°	153.5	152.5	149.4	148.4	145.3	142.2	140.2	142.2	139.1	138.1	139.1
75°	123.7	122.6	120.6	118.5	119.5	116.4	113.4	112.3	112.3	110.3	110.3
77.5°	94.8	96.9	92.7	91.7	89.7	87.6	86.6	85.5	85.5	85.5	87.6
80°	66.0	67.0	67.0	64.9	66.0	62.9	62.9	62.9	59.8	60.8	61.8
82.5°	42.3	42.3	41.2	42.3	41.2	41.2	40.2	40.2	39.2	39.2	40.2
85°	23.7	22.7	21.6	23.7	22.7	22.7	21.6	21.6	21.6	21.6	21.6
87.5°	5.2	6.2	6.2	6.2	6.2	7.2	7.2	7.2	8.2	8.2	8.2
90°	17.5	16.7	15.9	15.1	14.3	13.0	11.8	10.5	9.2	8.6	7.7
92.5°	18.4	18.1	17.8	17.5	17.2	16.7	16.2	15.7	15.2	15.0	15.3
95°	31.1	30.3	29.5	28.7	27.9	26.8	25.7	24.6	23.5	22.9	25.5
97.5°	38.4	37.9	37.4	37.0	36.5	33.9	31.4	28.8	26.3	25.0	31.5
100°	45.9	44.6	43.3	42.1	40.8	38.1	35.4	32.7	30.0	28.6	39.5
102.5°	49.2	47.5	45.7	44.0	42.2	71.1	100.0	128.9	157.8	172.3	172.5
105°	50.6	48.9	47.1	45.4	43.6	87.0	130.4	173.7	217.1	238.8	236.4
107.5°	52.0	50.3	48.6	46.8	45.1	98.6	152.2	205.7	259.2	286.0	284.0
110°	61.5	77.4	93.3	109.2	125.1	171.0	217.0	262.9	308.8	331.8	330.1

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CATALOG NUMBER: S122DIW-B675D710UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
112.5°	89.3	157.8	226.3	294.8	363.3	366.0	368.7	371.4	374.1	375.4	374.0
115°	146.9	220.5	294.0	367.6	441.2	437.2	433.2	429.3	425.3	423.3	422.0
117.5°	389.0	411.7	434.4	457.1	479.8	477.1	474.4	471.7	469.0	467.7	466.1
120°	531.8	529.9	528.0	526.1	524.2	521.3	518.5	515.6	512.7	511.3	510.1
122.5°	570.2	569.3	568.3	567.4	566.4	563.2	560.0	556.9	553.7	552.1	550.8
125°	608.7	607.6	606.5	605.4	604.3	601.3	598.3	595.2	592.2	590.7	589.7
127.5°	645.7	644.1	642.5	640.9	639.3	636.9	634.5	632.2	629.8	628.6	627.5
130°	679.9	678.2	676.4	674.7	672.9	671.1	669.4	667.6	665.9	665.0	663.7
132.5°	712.3	710.8	709.4	707.9	706.5	704.8	703.0	701.3	699.6	698.7	697.7
135°	743.6	742.0	740.5	738.9	737.3	735.9	734.4	733.0	731.5	730.8	729.5
137.5°	772.9	771.3	769.8	768.2	766.6	765.0	763.4	761.8	760.2	759.4	758.5
140°	800.9	799.5	798.0	796.6	795.2	793.4	791.7	789.9	788.2	787.3	786.7
142.5°	826.8	825.5	824.2	823.0	821.7	819.6	817.6	815.5	813.4	812.4	811.8
145°	850.4	849.3	848.2	847.1	846.0	843.3	840.6	837.9	835.2	833.8	833.9
147.5°	871.3	870.5	869.7	868.9	868.1	865.4	862.7	860.0	857.3	856.0	856.2
150°	891.2	890.3	889.3	888.4	887.4	884.9	882.3	879.8	877.3	876.0	876.6
152.5°	909.1	908.2	907.2	906.3	905.3	902.9	900.5	898.2	895.8	894.6	895.2
155°	924.8	923.9	923.0	922.0	921.1	919.2	917.3	915.4	913.5	912.5	913.2
157.5°	939.0	937.9	936.8	935.7	934.6	933.2	931.8	930.3	928.9	928.2	928.8
160°	950.6	949.7	948.7	947.8	946.8	945.8	944.9	943.9	943.0	942.5	943.0
162.5°	961.9	960.8	959.7	958.6	957.5	956.7	955.9	955.1	954.3	953.9	954.4
165°	970.5	969.4	968.3	967.2	966.1	965.6	965.2	964.7	964.2	964.0	964.5
167.5°	978.4	977.3	976.2	975.1	974.0	973.5	973.0	972.5	972.0	971.8	972.3
170°	984.1	983.0	981.9	980.8	979.7	979.4	979.1	978.8	978.5	978.3	978.8
172.5°	988.4	987.3	986.2	985.1	984.0	983.7	983.3	983.0	982.7	982.5	983.0
175°	991.2	990.1	989.0	987.9	986.8	986.5	986.2	985.9	985.6	985.4	986.0
177.5°	992.0	990.9	989.8	988.7	987.6	987.4	987.2	987.1	986.9	986.8	987.4
180°	988.3	988.3	988.3	988.3	988.3	988.3	988.3	988.3	988.3	988.3	988.3

TEST NUMBER: P1029692

CATALOG NUMBER: S122DIW-B675D710UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
0°	1340.7	1340.7	1340.7	1340.7
2.5°	1316.0	1316.0	1331.4	1347.9
5°	1287.1	1294.3	1319.1	1341.7
7.5°	1259.3	1271.7	1302.6	1331.4
10°	1225.3	1241.8	1279.9	1313.9
12.5°	1192.3	1207.8	1252.1	1290.2
15°	1145.9	1165.5	1212.9	1260.3
17.5°	1099.6	1119.1	1176.9	1232.5
20°	1044.9	1070.7	1135.6	1209.8
22.5°	994.4	1026.4	1098.5	1158.3
25°	938.8	988.3	1055.3	1132.5
27.5°	889.3	938.8	1006.8	1085.1
30°	833.7	884.2	954.3	1026.4
32.5°	780.1	826.5	894.5	983.1
35°	724.5	768.8	834.7	924.4
37.5°	674.0	717.2	789.4	871.8
40°	624.5	669.8	731.7	814.1
42.5°	578.1	618.3	674.0	756.4
45°	535.9	564.7	616.2	693.5
47.5°	491.6	517.3	564.7	642.0
50°	450.3	472.0	513.2	585.3
52.5°	410.1	428.7	466.8	524.5
55°	374.1	391.6	419.4	476.1
57.5°	337.0	350.4	377.2	422.5
60°	300.9	313.3	334.9	372.0
62.5°	264.8	275.1	295.8	325.6
65°	232.9	241.1	256.6	282.4
67.5°	202.0	207.1	219.5	240.1
70°	172.1	176.2	186.5	203.0
72.5°	140.2	144.3	155.6	166.9
75°	113.4	114.4	122.6	131.9
77.5°	88.6	87.6	93.8	101.0
80°	60.8	63.9	69.0	72.1
82.5°	41.2	42.3	44.3	46.4
85°	22.7	23.7	23.7	26.8
87.5°	9.3	10.3	10.3	11.3
90°	6.0	4.2	2.5	0.7
92.5°	16.0	16.6	17.3	17.9
95°	30.8	36.0	41.3	46.5
97.5°	44.6	57.6	70.7	83.7
100°	61.3	83.0	104.8	126.6
102.5°	172.8	173.1	173.5	173.8
105°	231.7	226.9	222.2	217.4
107.5°	280.1	276.1	272.2	268.2
110°	326.8	323.5	320.1	316.8



TEST NUMBER: P1029692

CATALOG NUMBER: S122DIW-B675D710UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
112.5°	371.1	368.3	365.4	362.6
115°	419.3	416.6	413.9	411.2
117.5°	462.9	459.8	456.6	453.4
120°	507.7	505.4	503.0	500.6
122.5°	548.3	545.7	543.2	540.6
125°	587.6	585.5	583.5	581.4
127.5°	625.3	623.0	620.8	618.6
130°	661.2	658.7	656.1	653.6
132.5°	695.6	693.5	691.5	689.4
135°	727.0	724.5	721.9	719.4
137.5°	756.6	754.7	752.8	750.9
140°	785.4	784.1	782.9	781.6
142.5°	810.7	809.6	808.4	807.3
145°	834.0	834.2	834.3	834.5
147.5°	856.7	857.2	857.6	858.1
150°	877.7	878.8	879.9	881.0
152.5°	896.5	897.8	899.0	900.3
155°	914.6	916.1	917.5	918.9
157.5°	930.1	931.4	932.6	933.9
160°	943.9	944.9	945.8	946.8
162.5°	955.3	956.3	957.2	958.2
165°	965.4	966.3	967.3	968.2
167.5°	973.2	974.2	975.1	976.1
170°	979.7	980.6	981.6	982.5
172.5°	983.9	984.9	985.8	986.8
175°	987.1	988.2	989.3	990.4
177.5°	988.5	989.6	990.7	991.8
180°	988.3	988.3	988.3	988.3

(END OF REPORT)