

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: P1029457

Luminaire Tested: S122DIW-B485D1240UB2750-4F0-XX-W2A-A_5000K

Issue Date: 5/6/2025

Test Information

Test Method: LM-79-2019
Report Number: P1029457
REPORT IS A COMBINATION OF REPORTS P985941 AND P1007351
Test Lab: INNOVATION CENTER
Issue Date: 5/6/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: NEO-RAY
Catalog Number: S122DIW-B485D1240UB2750-4F0-XX-W2A-A_5000K
Description: Define 2 Direct/Indirect Wall Mount with 5000K BioUP LEDs {m-DER=1.015} {m-EER=1.115}
Light Source: -
Ballast/Driver: -

Summary

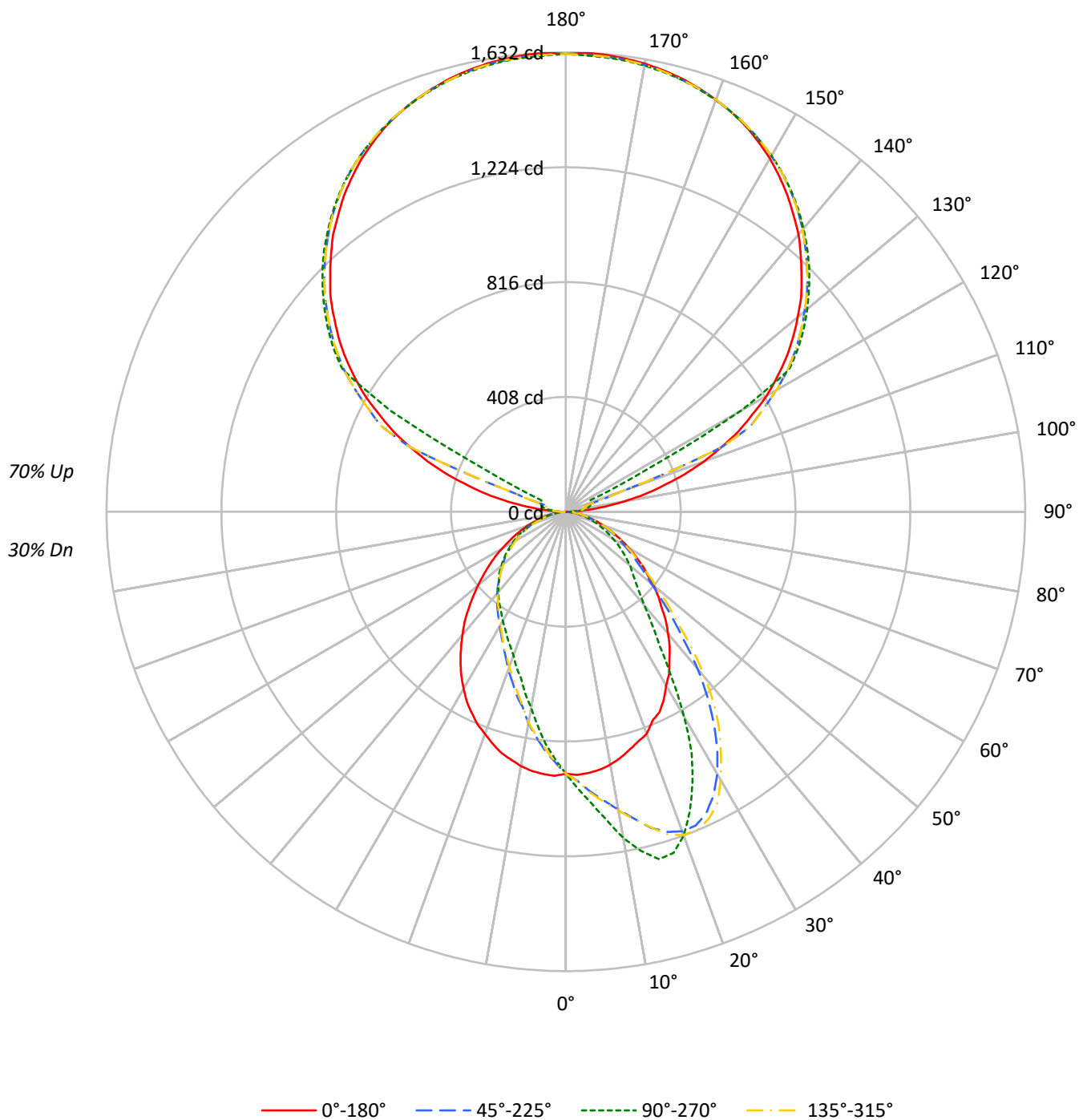
Lumens per Lamp: N/A
Luminaire Lumens: 6823.0 lumens
Efficiency: N/A
Efficacy: 103.2 lumens/watt
Spacing Criteria (0/90/45): 1.16 / 1.09 / 1.23
Luminous Opening: Rectangular w/ Sides (W: 0.17' x L: 4' x H: 0.1')
CIE Type: Semi-Indirect

Input Watts (W): 66.1
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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CATALOG NUMBER: S122DIW-B485D1240UB2750-4F0-XX-W2A-A_5000K

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	50	30	10
RCR																				
0	102	102	102	102	92	92	92	92	72	72	72	54	54	54	38	38	38	38	38	30
1	94	90	86	83	84	81	77	75	64	62	60	48	47	46	34	33	32	32	32	26
2	85	78	73	68	76	71	66	62	56	53	50	43	40	39	30	29	28	28	28	22
3	78	69	62	57	70	62	57	52	50	46	42	38	35	33	27	25	24	24	24	19
4	72	61	54	48	64	55	49	44	44	40	36	34	31	28	24	22	21	21	21	17
5	66	55	47	41	59	49	43	38	40	35	31	31	27	25	22	20	18	18	18	15
6	60	49	41	36	54	44	38	33	36	31	27	28	24	22	20	18	16	16	16	13
7	56	44	37	31	50	40	34	29	32	28	24	25	22	19	18	16	15	15	15	12
8	52	40	33	28	46	36	30	26	30	25	21	23	20	17	17	15	13	13	13	11
9	48	37	29	25	43	33	27	23	27	22	19	21	18	15	16	13	12	12	12	10
10	45	33	27	22	40	30	24	20	25	20	17	20	16	14	15	12	11	11	11	9

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	14729	14729	14729	14729
5°	14764	15704	14821	12495
10°	14593	17145	14684	10302
15°	14239	18083	14438	8678
20°	14017	16980	14017	7542
25°	13570	14587	13632	6745
30°	12836	11467	13081	6109
35°	12185	7929	12388	5590
40°	11435	5986	11567	5176
45°	10514	4919	10684	4727
50°	9716	4319	9733	4329
55°	8804	3679	8863	3893
60°	7835	3074	7944	3398
65°	6968	2499	7092	2902
70°	6102	1962	6258	2340
75°	5119	1424	5320	1698
80°	4000	902	4279	1007
85°	2627	454	2825	336

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 157.5°

Vertical Angle: 45°

Luminance: 15226 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	88.6	1.3
10°-20°	258.0	3.8
20°-30°	374.4	5.5
30°-40°	394.7	5.8
40°-50°	349.2	5.1
50°-60°	278.9	4.1
60°-70°	189.4	2.8
70°-80°	96.9	1.4
80°-90°	25.8	0.4
90°-100°	53.6	0.8
100°-110°	199.9	2.9
110°-120°	530.1	7.8
120°-130°	879.2	12.9
130°-140°	934.0	13.7
140°-150°	868.0	12.7
150°-160°	697.9	10.2
160°-170°	449.7	6.6
170°-180°	154.8	2.3
0°-30°	721.0	10.6
0°-40°	1115.7	16.4
0°-60°	1743.8	25.6
0°-90°	2055.9	30.1
90°-120°	783.6	11.5
90°-150°	3464.8	50.8
90°-180°	4767.0	69.9
0°-180°	6823.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	930	930	930	930	930	
5°	931	1039	935	827	931	88
15°	875	1277	887	613	875	247
25°	786	1064	790	492	786	359
35°	642	579	652	408	642	401
45°	481	349	489	335	481	373
55°	330	245	333	260	330	295
65°	196	151	200	175	196	195
75°	92	74	95	89	92	98
85°	19	19	20	14	19	22
90°	1	32	1	32	1	5
95°	76	51	76	51	76	91
105°	358	89	358	89	358	382
115°	677	96	677	96	677	666
125°	957	1006	957	1006	957	853
135°	1184	1222	1184	1222	1184	914
145°	1373	1394	1373	1394	1373	859
155°	1512	1513	1512	1513	1512	697
165°	1593	1590	1593	1590	1593	450
175°	1630	1620	1630	1620	1630	155
180°	1626	1626	1626	1626	1626	

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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	930.5	930.5	930.5	930.5	930.5	930.5	930.5	930.5	930.5	930.5	930.5
2.5°	935.5	937.7	941.2	942.0	949.1	954.8	961.3	961.3	963.4	962.7	957.0
5°	931.2	937.7	947.0	954.8	967.7	973.4	982.0	988.4	994.2	998.5	997.7
7.5°	924.1	935.5	949.1	964.1	981.3	991.3	1003.5	1014.9	1022.8	1029.9	1034.9
10°	911.9	931.2	949.8	969.9	992.0	1005.6	1019.9	1034.9	1047.1	1060.7	1073.6
12.5°	895.5	923.4	946.3	972.7	999.9	1014.9	1037.8	1049.2	1072.8	1107.2	1116.5
15°	874.7	912.6	934.1	967.7	1003.5	1015.6	1047.1	1065.7	1114.3	1135.8	1161.5
17.5°	855.4	897.6	926.2	964.8	999.9	1023.5	1054.3	1092.2	1132.9	1163.7	1192.3
20°	839.7	880.4	914.8	957.7	1002.0	1032.1	1064.3	1110.0	1154.4	1185.9	1208.0
22.5°	803.9	856.1	896.2	944.1	997.7	1039.2	1070.0	1120.1	1168.0	1187.3	1206.6
25°	786.0	831.1	877.6	931.9	994.9	1044.2	1070.7	1126.5	1168.7	1175.8	1180.1
27.5°	753.1	803.9	858.3	920.5	994.2	1035.7	1069.3	1120.1	1153.7	1148.7	1135.8
30°	712.4	774.6	834.7	901.9	984.2	1029.2	1060.7	1107.2	1124.3	1098.6	1075.7
32.5°	682.3	741.0	807.5	885.5	972.7	1015.6	1046.4	1082.9	1086.4	1039.9	1001.3
35°	641.6	706.6	781.7	864.0	953.4	992.0	1020.6	1042.8	1025.6	960.6	914.8
37.5°	605.1	669.5	749.6	833.2	926.9	964.8	987.7	991.3	949.1	891.9	824.7
40°	565.0	631.5	715.2	803.2	897.6	930.5	944.8	934.1	873.3	806.8	728.8
42.5°	525.0	590.8	680.9	771.0	860.4	888.3	894.0	864.7	790.3	712.4	622.3
45°	481.4	550.0	640.1	731.0	817.5	833.2	834.0	791.8	703.8	622.3	538.6
47.5°	445.6	509.2	598.6	689.5	762.4	773.2	768.9	720.2	624.4	532.8	459.9
50°	406.3	467.0	555.7	645.1	707.4	710.2	699.5	630.1	536.4	452.7	394.8
52.5°	364.1	425.6	507.1	592.9	648.7	644.4	623.7	549.3	461.3	391.9	347.6
55°	330.4	384.8	461.3	545.0	584.3	572.2	549.3	473.5	404.1	345.5	306.8
57.5°	293.2	341.2	416.3	489.2	512.1	500.7	477.8	407.0	342.6	298.3	272.5
60°	258.2	301.8	367.6	428.4	446.3	434.1	407.7	344.0	297.5	260.3	241.0
62.5°	226.0	263.9	319.0	374.8	381.9	369.8	346.9	295.4	255.3	226.0	211.7
65°	196.0	231.7	276.1	318.3	324.7	311.8	288.2	251.0	217.4	198.8	185.2
67.5°	166.6	195.3	234.6	265.4	268.9	256.8	237.5	207.4	186.7	166.6	156.6
70°	140.9	162.4	193.1	218.1	219.6	208.1	198.1	170.9	155.2	140.9	133.0
72.5°	115.9	130.9	154.5	173.1	173.8	166.6	157.4	140.2	126.6	116.6	108.7
75°	91.5	104.4	118.7	135.2	134.5	128.7	121.6	110.9	99.4	93.0	89.4
77.5°	70.1	78.0	89.4	100.1	100.1	97.3	93.0	85.1	78.0	71.5	67.9
80°	50.1	55.1	64.4	67.9	69.4	68.7	65.1	59.4	56.5	51.5	50.1
82.5°	32.2	35.8	40.1	43.6	45.8	44.3	43.6	40.8	36.5	35.0	33.6
85°	18.6	20.0	22.2	24.3	25.0	24.3	25.7	23.6	21.5	21.5	20.7
87.5°	7.9	8.6	10.0	10.0	10.7	10.7	10.0	10.7	10.7	10.0	9.3
90°	1.2	4.1	6.9	9.8	12.7	14.1	15.1	17.2	19.3	21.4	23.5
92.5°	29.4	28.4	27.3	26.3	25.2	24.7	25.1	25.9	26.6	27.4	28.2
95°	76.5	67.9	59.3	50.6	42.0	37.7	38.6	40.4	42.3	44.1	45.9
97.5°	137.7	116.3	94.8	73.4	51.9	41.2	43.3	47.5	51.6	55.8	60.0
100°	208.3	172.5	136.7	100.8	65.0	47.1	49.3	53.8	58.2	62.7	67.1
102.5°	285.9	285.4	284.9	284.4	283.9	283.6	259.8	212.2	164.6	117.0	69.4
105°	357.7	365.5	373.4	381.2	389.1	393.0	357.3	285.9	214.6	143.2	71.8
107.5°	441.2	447.7	454.3	460.8	467.3	470.6	426.5	338.4	250.3	162.2	74.1
110°	521.2	526.7	532.2	537.7	543.2	546.0	508.2	432.6	357.1	281.5	205.9

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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	596.5	601.2	605.9	610.6	615.3	617.7	615.5	611.0	606.6	602.1	597.7
115°	676.6	681.0	685.5	689.9	694.4	696.6	699.9	706.4	712.9	719.5	726.0
117.5°	746.0	751.2	756.4	761.7	766.9	769.5	771.7	776.2	780.6	785.1	789.5
120°	823.6	827.5	831.5	835.4	839.3	841.3	843.7	848.4	853.1	857.8	862.5
122.5°	889.5	893.7	897.9	902.1	906.3	908.4	911.0	916.2	921.5	926.7	931.9
125°	956.6	960.0	963.4	966.8	970.2	971.9	974.4	979.3	984.3	989.2	994.2
127.5°	1017.8	1021.5	1025.1	1028.8	1032.5	1034.3	1036.3	1040.2	1044.1	1048.0	1051.9
130°	1075.4	1079.6	1083.8	1088.0	1092.2	1094.3	1095.7	1098.6	1101.5	1104.3	1107.2
132.5°	1134.3	1137.7	1141.1	1144.5	1147.9	1149.6	1151.0	1153.9	1156.8	1159.6	1162.5
135°	1183.7	1187.9	1192.1	1196.2	1200.4	1202.5	1203.7	1206.0	1208.4	1210.7	1213.1
137.5°	1235.5	1238.6	1241.8	1244.9	1248.0	1249.6	1250.9	1253.5	1256.1	1258.7	1261.3
140°	1286.1	1288.2	1290.3	1292.4	1294.5	1295.5	1296.9	1299.8	1302.7	1305.5	1308.4
142.5°	1328.4	1330.2	1332.0	1333.9	1335.7	1336.6	1338.3	1341.7	1345.1	1348.5	1351.9
145°	1373.1	1372.8	1372.6	1372.3	1372.0	1371.9	1374.1	1378.6	1383.0	1387.5	1391.9
147.5°	1411.9	1411.1	1410.3	1409.6	1408.8	1408.4	1410.6	1415.1	1419.5	1424.0	1428.4
150°	1449.6	1447.8	1446.0	1444.1	1442.3	1441.4	1443.5	1447.7	1451.8	1456.0	1460.2
152.5°	1481.4	1479.3	1477.2	1475.1	1473.0	1472.0	1474.0	1477.9	1481.8	1485.7	1489.6
155°	1512.0	1509.6	1507.3	1504.9	1502.6	1501.4	1503.0	1506.1	1509.2	1512.4	1515.5
157.5°	1536.7	1534.6	1532.5	1530.4	1528.3	1527.3	1528.5	1530.8	1533.1	1535.5	1537.8
160°	1557.9	1556.3	1554.7	1553.2	1551.6	1550.8	1551.6	1553.2	1554.7	1556.3	1557.9
162.5°	1576.7	1575.1	1573.5	1572.0	1570.4	1569.6	1570.3	1571.6	1572.9	1574.2	1575.5
165°	1593.1	1591.5	1590.0	1588.4	1586.9	1586.1	1586.5	1587.3	1588.0	1588.8	1589.6
167.5°	1606.1	1604.5	1602.9	1601.4	1599.8	1599.0	1599.4	1600.2	1601.0	1601.8	1602.6
170°	1616.7	1615.1	1613.5	1612.0	1610.4	1609.6	1609.9	1610.4	1610.9	1611.5	1612.0
172.5°	1623.7	1622.1	1620.6	1619.0	1617.5	1616.7	1617.0	1617.5	1618.0	1618.5	1619.0
175°	1629.6	1627.8	1626.0	1624.1	1622.3	1621.4	1621.7	1622.2	1622.7	1623.2	1623.7
177.5°	1632.0	1630.2	1628.3	1626.5	1624.6	1623.7	1623.8	1624.1	1624.4	1624.6	1624.9
180°	1626.1	1626.1	1626.1	1626.1	1626.1	1626.1	1626.1	1626.1	1626.1	1626.1	1626.1

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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	930.5	930.5	930.5	930.5	930.5	930.5	930.5	930.5	930.5	930.5	930.5
2.5°	967.0	967.7	969.1	976.3	979.9	980.6	977.7	984.2	986.3	984.2	982.7
5°	1012.8	1017.1	1025.6	1034.9	1034.2	1034.9	1039.2	1043.5	1045.0	1039.2	1041.4
7.5°	1052.8	1061.4	1070.7	1085.0	1085.0	1092.2	1095.0	1098.6	1107.2	1102.9	1101.5
10°	1098.6	1110.0	1127.2	1150.1	1150.8	1158.0	1165.1	1176.6	1180.1	1177.3	1178.7
12.5°	1155.8	1178.0	1179.4	1204.4	1215.9	1217.3	1228.8	1226.6	1233.8	1233.8	1245.9
15°	1180.8	1215.2	1234.5	1258.8	1266.0	1257.4	1266.7	1276.7	1277.4	1277.4	1276.7
17.5°	1225.9	1239.5	1258.8	1271.7	1274.5	1274.5	1275.3	1279.5	1276.7	1271.0	1275.3
20°	1235.2	1240.9	1248.1	1246.6	1248.1	1240.9	1233.8	1226.6	1227.3	1223.8	1234.5
22.5°	1218.0	1216.6	1200.2	1189.4	1189.4	1175.1	1161.5	1155.1	1148.7	1150.8	1154.4
25°	1175.1	1153.0	1132.9	1117.2	1113.6	1090.7	1072.1	1066.4	1055.7	1064.3	1065.7
27.5°	1106.5	1081.4	1049.2	1035.7	1017.1	1007.8	994.9	977.7	955.5	968.4	966.3
30°	1032.8	995.6	969.1	936.2	906.9	904.8	880.4	851.8	840.4	840.4	846.8
32.5°	950.5	901.2	862.6	816.1	787.5	775.3	746.0	717.4	723.8	702.4	710.2
35°	854.7	789.6	741.0	695.9	674.5	660.2	622.3	606.5	589.4	579.3	597.9
37.5°	763.2	688.1	625.8	576.5	568.6	542.9	517.1	507.1	497.1	501.4	500.7
40°	651.6	585.1	529.3	490.6	477.1	464.9	447.7	435.6	429.1	432.7	433.4
42.5°	550.7	494.9	453.5	426.3	414.8	406.3	397.7	387.7	385.5	385.5	388.4
45°	472.8	427.0	399.1	376.9	370.5	364.1	357.6	353.3	351.9	349.0	351.2
47.5°	410.5	374.1	356.9	340.4	333.3	331.9	326.1	324.0	321.1	320.4	321.1
50°	358.3	335.4	319.7	310.4	305.4	303.3	300.4	296.1	294.7	298.3	296.8
52.5°	321.9	300.4	291.8	282.5	279.7	276.8	272.5	273.2	272.5	271.1	271.1
55°	285.4	271.8	263.2	256.1	255.3	252.5	248.9	247.5	246.8	245.3	247.5
57.5°	256.1	245.3	237.5	231.0	228.2	228.2	224.6	221.7	221.7	221.0	221.7
60°	226.7	216.0	211.0	204.6	202.4	201.7	199.5	198.1	196.0	196.0	196.0
62.5°	199.5	191.0	185.2	179.5	180.2	176.7	173.8	172.4	172.4	173.1	173.1
65°	173.8	168.1	160.9	155.9	154.5	153.8	152.3	151.6	149.5	150.9	150.9
67.5°	150.2	142.3	138.0	135.9	133.7	133.0	131.6	130.2	129.5	128.7	130.2
70°	126.6	120.2	116.6	115.2	113.0	112.3	111.6	109.4	110.1	110.9	111.6
72.5°	105.1	99.4	98.7	94.4	94.4	94.4	91.5	93.0	92.3	90.8	92.3
75°	83.0	80.1	78.7	76.5	77.2	76.5	75.8	73.7	73.7	74.4	75.1
77.5°	65.8	62.9	62.2	60.1	58.6	60.1	58.6	57.9	57.9	58.6	58.6
80°	48.6	47.2	45.1	45.1	45.1	44.3	44.3	44.3	43.6	42.9	43.6
82.5°	32.2	32.2	31.5	30.8	31.5	30.0	30.8	30.8	30.8	30.8	30.8
85°	20.7	20.0	20.0	19.3	19.3	19.3	20.0	18.6	18.6	19.3	19.3
87.5°	9.3	9.3	9.3	10.0	9.3	9.3	9.3	10.0	9.3	9.3	9.3
90°	24.8	26.1	27.4	28.7	29.4	29.7	30.2	30.7	31.3	31.8	31.3
92.5°	28.7	29.3	29.8	30.3	30.6	30.7	31.0	31.3	31.5	31.8	31.5
95°	47.2	48.5	49.8	51.1	51.8	51.7	51.4	51.1	50.9	50.6	50.9
97.5°	60.8	61.6	62.3	63.1	63.5	63.6	63.9	64.2	64.4	64.7	64.4
100°	69.2	71.3	73.4	75.5	76.5	76.8	77.3	77.8	78.3	78.8	78.3
102.5°	72.3	75.2	78.1	81.0	82.4	82.8	83.6	84.3	85.1	85.9	85.1
105°	74.7	77.5	80.4	83.3	84.7	85.2	86.3	87.3	88.4	89.4	88.4
107.5°	77.0	79.9	82.8	85.7	87.1	87.6	88.7	89.7	90.8	91.8	90.8
110°	179.7	153.6	127.4	101.3	88.2	88.7	89.8	90.9	91.9	93.0	91.9

TEST NUMBER: P1029457

CATALOG NUMBER: S122DIW-B485D1240UB2750-4F0-XX-W2A-A_5000K

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	485.0	372.3	259.6	146.9	90.6	91.0	91.8	92.5	93.3	94.1	93.3
115°	604.9	483.9	362.8	241.7	181.2	171.8	153.0	134.1	115.3	96.5	115.3
117.5°	752.1	714.7	677.4	640.0	621.3	587.0	518.5	450.0	381.5	313.0	381.5
120°	865.6	868.8	871.9	875.0	876.6	858.9	823.6	788.3	753.0	717.7	753.0
122.5°	933.5	935.0	936.6	938.1	938.9	939.0	939.3	939.6	939.8	940.1	939.8
125°	996.0	997.9	999.7	1001.6	1002.5	1002.9	1003.7	1004.4	1005.2	1006.0	1005.2
127.5°	1054.5	1057.1	1059.8	1062.4	1063.7	1063.8	1064.1	1064.3	1064.6	1064.8	1064.6
130°	1110.1	1112.9	1115.8	1118.7	1120.1	1120.0	1119.7	1119.5	1119.2	1119.0	1119.2
132.5°	1164.9	1167.2	1169.6	1171.9	1173.1	1173.0	1172.7	1172.4	1172.2	1171.9	1172.2
135°	1215.7	1218.3	1221.0	1223.6	1224.9	1224.6	1224.1	1223.6	1223.0	1222.5	1223.0
137.5°	1263.9	1266.5	1269.2	1271.8	1273.1	1272.7	1271.9	1271.2	1270.4	1269.6	1270.4
140°	1310.8	1313.1	1315.5	1317.8	1319.0	1318.3	1317.0	1315.7	1314.4	1313.1	1314.4
142.5°	1354.0	1356.1	1358.2	1360.3	1361.4	1360.7	1359.4	1358.1	1356.8	1355.5	1356.8
145°	1393.7	1395.6	1397.4	1399.3	1400.2	1399.5	1398.2	1396.9	1395.6	1394.3	1395.6
147.5°	1429.7	1431.0	1432.3	1433.6	1434.3	1433.8	1432.7	1431.7	1430.6	1429.6	1430.6
150°	1461.8	1463.4	1464.9	1466.5	1467.3	1466.6	1465.3	1464.0	1462.7	1461.4	1462.7
152.5°	1491.2	1492.8	1494.3	1495.9	1496.7	1495.8	1493.9	1492.1	1490.2	1488.4	1490.2
155°	1517.1	1518.7	1520.2	1521.8	1522.6	1521.5	1519.4	1517.3	1515.2	1513.1	1515.2
157.5°	1539.6	1541.5	1543.3	1545.2	1546.1	1545.1	1543.0	1540.9	1538.8	1536.7	1538.8
160°	1559.5	1561.0	1562.6	1564.1	1564.9	1564.0	1562.2	1560.3	1558.5	1556.7	1558.5
162.5°	1577.3	1579.1	1581.0	1582.8	1583.7	1582.5	1580.2	1577.8	1575.5	1573.1	1575.5
165°	1591.4	1593.3	1595.1	1597.0	1597.9	1597.0	1595.1	1593.3	1591.4	1589.6	1591.4
167.5°	1604.4	1606.2	1608.1	1609.9	1610.8	1609.6	1607.3	1604.9	1602.6	1600.2	1602.6
170°	1613.8	1615.6	1617.5	1619.3	1620.2	1619.0	1616.7	1614.3	1612.0	1609.6	1612.0
172.5°	1620.8	1622.7	1624.5	1626.4	1627.3	1626.1	1623.8	1621.4	1619.1	1616.7	1619.1
175°	1625.5	1627.4	1629.2	1631.1	1632.0	1630.7	1628.1	1625.4	1622.8	1620.2	1622.8
177.5°	1626.7	1628.6	1630.4	1632.3	1633.2	1632.0	1629.7	1627.3	1625.0	1622.6	1625.0
180°	1626.1	1626.1	1626.1	1626.1	1626.1	1626.1	1626.1	1626.1	1626.1	1626.1	1626.1

TEST NUMBER: P1029457

CATALOG NUMBER: S122DIW-B485D1240UB2750-4F0-XX-W2A-A_5000K

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	930.5	930.5	930.5	930.5	930.5	930.5	930.5	930.5	930.5	930.5	930.5
2.5°	986.3	981.3	977.0	977.7	981.3	978.4	971.3	962.0	958.4	954.1	958.4
5°	1045.7	1041.4	1032.8	1033.5	1031.4	1028.5	1017.1	1002.8	1002.8	991.3	989.9
7.5°	1104.3	1097.9	1092.2	1090.7	1082.9	1077.1	1067.1	1047.1	1039.2	1025.6	1017.8
10°	1170.1	1165.1	1158.7	1150.8	1146.5	1136.5	1120.1	1090.7	1076.4	1057.8	1044.2
12.5°	1236.6	1235.9	1221.6	1205.9	1205.2	1189.4	1178.0	1138.6	1119.3	1094.3	1062.1
15°	1278.8	1275.3	1267.4	1259.5	1261.7	1244.5	1218.8	1172.3	1159.4	1129.3	1095.0
17.5°	1278.1	1278.1	1276.0	1274.5	1272.4	1267.4	1253.1	1222.3	1201.6	1163.7	1131.5
20°	1237.3	1246.6	1248.8	1248.1	1255.2	1258.8	1258.1	1238.8	1222.3	1188.7	1155.8
22.5°	1155.8	1177.3	1186.6	1192.3	1207.3	1215.2	1233.8	1226.6	1222.3	1197.3	1169.4
25°	1080.0	1087.2	1115.0	1116.5	1137.2	1156.5	1175.1	1187.3	1203.0	1193.7	1170.1
27.5°	982.0	998.5	1018.5	1033.5	1037.8	1077.1	1107.9	1130.8	1166.5	1169.4	1161.5
30°	871.2	879.0	911.9	931.9	954.8	983.4	1027.8	1067.1	1099.3	1128.6	1138.6
32.5°	736.0	768.2	787.5	811.8	831.8	882.6	937.0	987.7	1024.9	1074.3	1095.7
35°	612.2	637.3	670.2	680.2	716.7	759.6	830.4	895.5	952.0	1002.0	1045.7
37.5°	510.0	530.0	565.0	580.8	602.2	657.3	716.7	797.5	865.4	926.9	981.3
40°	439.9	454.9	481.4	486.4	504.2	554.3	602.2	678.0	768.2	851.1	910.5
42.5°	391.9	399.1	417.0	423.4	434.9	468.5	511.4	582.9	666.6	752.4	836.1
45°	357.6	362.6	373.4	379.1	393.4	408.4	443.4	500.7	566.5	653.0	743.1
47.5°	326.9	333.3	337.6	341.2	349.0	365.5	388.4	430.6	493.5	572.9	660.2
50°	301.1	303.3	311.1	311.8	316.8	327.6	349.0	374.8	424.8	489.2	573.6
52.5°	275.4	277.5	282.5	287.5	289.7	298.3	312.6	334.0	371.2	422.0	497.1
55°	249.6	252.5	257.5	261.1	263.2	270.4	278.9	299.7	329.0	364.8	426.3
57.5°	223.9	230.3	231.7	233.9	237.5	245.3	253.2	265.4	288.2	321.1	366.2
60°	199.5	201.7	206.7	208.8	212.4	216.7	226.7	236.0	252.5	278.2	319.0
62.5°	174.5	179.5	181.7	183.8	186.7	191.7	198.1	208.1	222.4	243.2	275.4
65°	153.1	153.8	158.1	160.9	163.8	167.4	173.8	183.1	191.7	211.0	234.6
67.5°	132.3	133.7	135.2	138.0	141.6	145.2	150.9	155.9	166.6	179.5	198.1
70°	112.3	112.3	115.9	118.0	117.3	121.6	125.9	131.6	139.5	151.6	166.6
72.5°	94.4	93.7	96.6	97.3	98.7	101.6	104.4	110.1	114.4	123.7	135.2
75°	75.1	76.5	78.0	78.0	80.1	82.3	85.1	88.0	93.0	98.7	107.3
77.5°	59.4	59.4	60.8	61.5	63.7	62.9	65.8	68.7	72.2	77.2	83.7
80°	43.6	45.1	45.1	45.1	45.8	46.5	49.4	51.5	53.6	57.2	60.1
82.5°	30.8	30.8	32.2	32.2	32.2	33.6	33.6	34.3	35.8	37.9	40.1
85°	19.3	19.3	19.3	20.0	19.3	20.0	21.5	20.7	21.5	22.9	22.9
87.5°	9.3	9.3	9.3	9.3	9.3	10.0	9.3	10.0	10.7	10.7	10.7
90°	30.7	30.2	29.7	29.4	28.7	27.4	26.1	24.8	23.5	21.4	19.3
92.5°	31.3	31.0	30.7	30.6	30.3	29.8	29.3	28.7	28.2	27.4	26.6
95°	51.1	51.4	51.7	51.8	51.1	49.8	48.5	47.2	45.9	44.1	42.3
97.5°	64.2	63.9	63.6	63.5	63.1	62.3	61.6	60.8	60.0	55.8	51.6
100°	77.8	77.3	76.8	76.5	75.5	73.4	71.3	69.2	67.1	62.7	58.2
102.5°	84.3	83.6	82.8	82.4	81.0	78.1	75.2	72.3	69.4	117.0	164.6
105°	87.3	86.3	85.2	84.7	83.3	80.4	77.5	74.7	71.8	143.2	214.6
107.5°	89.7	88.7	87.6	87.1	85.7	82.8	79.9	77.0	74.1	162.2	250.3
110°	90.9	89.8	88.7	88.2	101.3	127.4	153.6	179.7	205.9	281.5	357.1

TEST NUMBER: P1029457

CATALOG NUMBER: S122DIW-B485D1240UB2750-4F0-XX-W2A-A_5000K

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	92.5	91.8	91.0	90.6	146.9	259.6	372.3	485.0	597.7	602.1	606.6
115°	134.1	153.0	171.8	181.2	241.7	362.8	483.9	604.9	726.0	719.5	712.9
117.5°	450.0	518.5	587.0	621.3	640.0	677.4	714.7	752.1	789.5	785.1	780.6
120°	788.3	823.6	858.9	876.6	875.0	871.9	868.8	865.6	862.5	857.8	853.1
122.5°	939.6	939.3	939.0	938.9	938.1	936.6	935.0	933.5	931.9	926.7	921.5
125°	1004.4	1003.7	1002.9	1002.5	1001.6	999.7	997.9	996.0	994.2	989.2	984.3
127.5°	1064.3	1064.1	1063.8	1063.7	1062.4	1059.8	1057.1	1054.5	1051.9	1048.0	1044.1
130°	1119.5	1119.7	1120.0	1120.1	1118.7	1115.8	1112.9	1110.1	1107.2	1104.3	1101.5
132.5°	1172.4	1172.7	1173.0	1173.1	1171.9	1169.6	1167.2	1164.9	1162.5	1159.6	1156.8
135°	1223.6	1224.1	1224.6	1224.9	1223.6	1221.0	1218.3	1215.7	1213.1	1210.7	1208.4
137.5°	1271.2	1271.9	1272.7	1273.1	1271.8	1269.2	1266.5	1263.9	1261.3	1258.7	1256.1
140°	1315.7	1317.0	1318.3	1319.0	1317.8	1315.5	1313.1	1310.8	1308.4	1305.5	1302.7
142.5°	1358.1	1359.4	1360.7	1361.4	1360.3	1358.2	1356.1	1354.0	1351.9	1348.5	1345.1
145°	1396.9	1398.2	1399.5	1400.2	1399.3	1397.4	1395.6	1393.7	1391.9	1387.5	1383.0
147.5°	1431.7	1432.7	1433.8	1434.3	1433.6	1432.3	1431.0	1429.7	1428.4	1424.0	1419.5
150°	1464.0	1465.3	1466.6	1467.3	1466.5	1464.9	1463.4	1461.8	1460.2	1456.0	1451.8
152.5°	1492.1	1493.9	1495.8	1496.7	1495.9	1494.3	1492.8	1491.2	1489.6	1485.7	1481.8
155°	1517.3	1519.4	1521.5	1522.6	1521.8	1520.2	1518.7	1517.1	1515.5	1512.4	1509.2
157.5°	1540.9	1543.0	1545.1	1546.1	1545.2	1543.3	1541.5	1539.6	1537.8	1535.5	1533.1
160°	1560.3	1562.2	1564.0	1564.9	1564.1	1562.6	1561.0	1559.5	1557.9	1556.3	1554.7
162.5°	1577.8	1580.2	1582.5	1583.7	1582.8	1581.0	1579.1	1577.3	1575.5	1574.2	1572.9
165°	1593.3	1595.1	1597.0	1597.9	1597.0	1595.1	1593.3	1591.4	1589.6	1588.8	1588.0
167.5°	1604.9	1607.3	1609.6	1610.8	1609.9	1608.1	1606.2	1604.4	1602.6	1601.8	1601.0
170°	1614.3	1616.7	1619.0	1620.2	1619.3	1617.5	1615.6	1613.8	1612.0	1611.5	1610.9
172.5°	1621.4	1623.8	1626.1	1627.3	1626.4	1624.5	1622.7	1620.8	1619.0	1618.5	1618.0
175°	1625.4	1628.1	1630.7	1632.0	1631.1	1629.2	1627.4	1625.5	1623.7	1623.2	1622.7
177.5°	1627.3	1629.7	1632.0	1633.2	1632.3	1630.4	1628.6	1626.7	1624.9	1624.6	1624.4
180°	1626.1	1626.1	1626.1	1626.1	1626.1	1626.1	1626.1	1626.1	1626.1	1626.1	1626.1

TEST NUMBER: P1029457

CATALOG NUMBER: S122DIW-B485D1240UB2750-4F0-XX-W2A-A_5000K

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
0°	930.5	930.5	930.5	930.5	930.5	930.5	930.5	930.5	930.5	930.5	930.5
2.5°	954.8	951.3	949.1	950.5	946.3	935.5	935.5	939.1	934.8	930.5	924.1
5°	981.3	974.1	969.9	969.1	959.1	942.0	938.4	934.8	925.5	915.5	904.8
7.5°	1007.0	994.2	987.0	982.0	967.7	945.5	936.2	928.4	913.3	898.3	884.7
10°	1028.5	1009.9	1001.3	993.5	974.9	947.0	931.9	917.6	898.3	879.0	861.9
12.5°	1045.7	1024.2	1013.5	1002.0	979.2	942.7	924.1	901.2	881.9	856.1	839.0
15°	1074.3	1029.9	1019.9	1009.2	985.6	935.5	912.6	886.9	860.4	826.1	807.5
17.5°	1097.2	1037.8	1037.1	1014.2	983.4	932.7	897.6	864.0	835.4	801.1	771.7
20°	1110.8	1050.0	1038.5	1014.9	976.3	913.3	876.9	839.7	808.9	767.4	738.1
22.5°	1122.2	1067.1	1037.1	1008.5	961.3	906.9	853.3	818.2	776.0	731.0	703.1
25°	1126.5	1070.7	1039.2	1006.3	950.5	888.3	827.5	789.6	742.4	701.6	663.7
27.5°	1127.2	1070.0	1031.4	997.0	935.5	864.0	801.8	761.7	709.5	662.3	624.4
30°	1120.1	1062.1	1027.1	989.9	921.2	841.8	770.3	726.0	670.2	623.0	583.6
32.5°	1098.6	1046.4	1017.8	977.0	902.6	811.1	740.3	690.9	632.3	585.8	547.9
35°	1062.8	1027.1	995.6	957.7	878.3	782.5	710.2	652.3	592.9	548.6	512.8
37.5°	1018.5	999.2	969.9	932.7	850.4	756.7	676.6	612.2	552.9	510.0	474.9
40°	958.4	963.4	934.8	901.2	817.5	721.7	633.0	571.5	515.7	475.6	441.3
42.5°	893.3	914.1	897.6	865.4	781.0	683.0	600.8	532.8	478.5	437.0	408.4
45°	823.2	859.0	849.0	825.4	743.1	642.3	555.0	489.2	441.3	401.2	376.2
47.5°	746.7	797.5	797.5	780.3	700.9	601.5	515.7	448.4	401.2	372.6	348.3
50°	668.7	726.0	735.3	723.8	653.7	555.0	467.8	407.0	366.2	338.3	320.4
52.5°	587.2	653.7	670.9	665.2	603.7	510.7	428.4	369.1	331.9	307.5	291.8
55°	509.2	586.5	605.1	607.2	550.0	462.0	384.8	332.6	296.8	280.4	266.8
57.5°	435.6	510.0	530.7	534.3	495.7	417.7	344.0	298.3	266.1	252.5	241.7
60°	372.6	434.9	462.0	469.9	436.3	366.2	306.1	261.8	237.5	224.6	214.6
62.5°	321.1	371.2	399.8	402.0	386.9	321.1	266.8	229.6	208.8	197.4	192.4
65°	271.1	316.1	333.3	341.9	329.7	278.2	230.3	199.5	183.1	173.1	168.1
67.5°	231.0	259.6	273.9	285.4	273.2	234.6	196.0	170.9	158.8	148.8	145.9
70°	189.5	213.1	223.9	235.3	224.6	195.3	167.4	144.5	133.7	125.9	122.3
72.5°	151.6	170.2	180.2	187.4	181.0	156.6	133.7	118.0	110.1	104.4	102.3
75°	120.2	133.0	138.8	143.8	140.9	122.3	108.0	95.1	88.0	83.0	81.5
77.5°	91.5	100.8	107.3	108.7	105.1	93.0	80.8	73.0	67.2	64.4	62.9
80°	65.1	70.8	74.4	76.5	73.0	67.9	59.4	53.6	48.6	45.1	44.3
82.5°	43.6	46.5	49.4	48.6	47.2	42.9	37.9	35.0	32.9	30.0	30.0
85°	25.0	25.7	27.2	27.9	27.2	24.3	21.5	20.0	18.6	16.5	16.5
87.5°	10.7	11.4	11.4	12.2	10.7	10.7	9.3	7.9	7.9	7.2	6.4
90°	17.2	15.1	14.1	12.7	9.8	6.9	4.1	1.2	4.1	6.9	9.8
92.5°	25.9	25.1	24.7	25.2	26.3	27.3	28.4	29.4	28.4	27.3	26.3
95°	40.4	38.6	37.7	42.0	50.6	59.3	67.9	76.5	67.9	59.3	50.6
97.5°	47.5	43.3	41.2	51.9	73.4	94.8	116.3	137.7	116.3	94.8	73.4
100°	53.8	49.3	47.1	65.0	100.8	136.7	172.5	208.3	172.5	136.7	100.8
102.5°	212.2	259.8	283.6	283.9	284.4	284.9	285.4	285.9	285.4	284.9	284.4
105°	285.9	357.3	393.0	389.1	381.2	373.4	365.5	357.7	365.5	373.4	381.2
107.5°	338.4	426.5	470.6	467.3	460.8	454.3	447.7	441.2	447.7	454.3	460.8
110°	432.6	508.2	546.0	543.2	537.7	532.2	526.7	521.2	526.7	532.2	537.7

TEST NUMBER: P1029457

CATALOG NUMBER: S122DIW-B485D1240UB2750-4F0-XX-W2A-A_5000K

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
112.5°	611.0	615.5	617.7	615.3	610.6	605.9	601.2	596.5	601.2	605.9	610.6
115°	706.4	699.9	696.6	694.4	689.9	685.5	681.0	676.6	681.0	685.5	689.9
117.5°	776.2	771.7	769.5	766.9	761.7	756.4	751.2	746.0	751.2	756.4	761.7
120°	848.4	843.7	841.3	839.3	835.4	831.5	827.5	823.6	827.5	831.5	835.4
122.5°	916.2	911.0	908.4	906.3	902.1	897.9	893.7	889.5	893.7	897.9	902.1
125°	979.3	974.4	971.9	970.2	966.8	963.4	960.0	956.6	960.0	963.4	966.8
127.5°	1040.2	1036.3	1034.3	1032.5	1028.8	1025.1	1021.5	1017.8	1021.5	1025.1	1028.8
130°	1098.6	1095.7	1094.3	1092.2	1088.0	1083.8	1079.6	1075.4	1079.6	1083.8	1088.0
132.5°	1153.9	1151.0	1149.6	1147.9	1144.5	1141.1	1137.7	1134.3	1137.7	1141.1	1144.5
135°	1206.0	1203.7	1202.5	1200.4	1196.2	1192.1	1187.9	1183.7	1187.9	1192.1	1196.2
137.5°	1253.5	1250.9	1249.6	1248.0	1244.9	1241.8	1238.6	1235.5	1238.6	1241.8	1244.9
140°	1299.8	1296.9	1295.5	1294.5	1292.4	1290.3	1288.2	1286.1	1288.2	1290.3	1292.4
142.5°	1341.7	1338.3	1336.6	1335.7	1333.9	1332.0	1330.2	1328.4	1330.2	1332.0	1333.9
145°	1378.6	1374.1	1371.9	1372.0	1372.3	1372.6	1372.8	1373.1	1372.8	1372.6	1372.3
147.5°	1415.1	1410.6	1408.4	1408.8	1409.6	1410.3	1411.1	1411.9	1411.1	1410.3	1409.6
150°	1447.7	1443.5	1441.4	1442.3	1444.1	1446.0	1447.8	1449.6	1447.8	1446.0	1444.1
152.5°	1477.9	1474.0	1472.0	1473.0	1475.1	1477.2	1479.3	1481.4	1479.3	1477.2	1475.1
155°	1506.1	1503.0	1501.4	1502.6	1504.9	1507.3	1509.6	1512.0	1509.6	1507.3	1504.9
157.5°	1530.8	1528.5	1527.3	1528.3	1530.4	1532.5	1534.6	1536.7	1534.6	1532.5	1530.4
160°	1553.2	1551.6	1550.8	1551.6	1553.2	1554.7	1556.3	1557.9	1556.3	1554.7	1553.2
162.5°	1571.6	1570.3	1569.6	1570.4	1572.0	1573.5	1575.1	1576.7	1575.1	1573.5	1572.0
165°	1587.3	1586.5	1586.1	1586.9	1588.4	1590.0	1591.5	1593.1	1591.5	1590.0	1588.4
167.5°	1600.2	1599.4	1599.0	1599.8	1601.4	1602.9	1604.5	1606.1	1604.5	1602.9	1601.4
170°	1610.4	1609.9	1609.6	1610.4	1612.0	1613.5	1615.1	1616.7	1615.1	1613.5	1612.0
172.5°	1617.5	1617.0	1616.7	1617.5	1619.0	1620.6	1622.1	1623.7	1622.1	1620.6	1619.0
175°	1622.2	1621.7	1621.4	1622.3	1624.1	1626.0	1627.8	1629.6	1627.8	1626.0	1624.1
177.5°	1624.1	1623.8	1623.7	1624.6	1626.5	1628.3	1630.2	1632.0	1630.2	1628.3	1626.5
180°	1626.1	1626.1	1626.1	1626.1	1626.1	1626.1	1626.1	1626.1	1626.1	1626.1	1626.1

TEST NUMBER: P1029457

CATALOG NUMBER: S122DIW-B485D1240UB2750-4F0-XX-W2A-A_5000K

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
0°	930.5	930.5	930.5	930.5	930.5	930.5	930.5	930.5	930.5	930.5	930.5
2.5°	920.5	924.1	923.4	916.2	908.3	901.9	889.7	891.2	886.9	887.6	891.9
5°	897.6	897.6	894.8	884.7	871.9	864.7	851.1	847.5	839.0	838.3	837.5
7.5°	873.3	869.7	866.1	851.8	836.1	824.7	806.1	801.8	793.2	787.5	784.6
10°	844.7	839.7	832.5	816.1	796.8	782.5	763.2	757.4	741.0	733.8	729.5
12.5°	813.2	810.4	798.9	785.3	753.9	738.1	710.2	715.9	699.5	685.2	683.0
15°	781.7	771.0	764.6	742.4	704.5	697.3	675.2	663.7	648.7	637.3	637.3
17.5°	751.0	734.5	720.2	696.6	668.7	648.7	632.3	626.5	607.9	596.5	594.4
20°	710.2	691.6	688.1	654.4	635.1	613.0	597.2	582.9	569.3	564.3	560.7
22.5°	671.6	650.1	644.4	615.8	596.5	574.3	558.6	548.6	538.6	535.0	528.6
25°	630.1	617.2	608.7	577.9	556.4	535.7	525.0	517.8	508.5	507.8	503.5
27.5°	590.1	577.9	569.3	540.0	524.3	505.0	496.4	488.5	483.5	481.4	479.2
30°	555.7	542.1	532.1	510.7	491.4	475.6	468.5	463.5	460.6	457.0	456.3
32.5°	517.8	510.0	496.4	479.9	464.9	449.9	445.6	442.0	437.7	436.3	435.6
35°	485.6	474.9	466.3	447.7	441.3	428.4	423.4	420.6	414.8	413.4	412.0
37.5°	454.2	444.2	434.9	423.4	411.3	404.1	401.2	397.0	394.1	394.8	393.4
40°	422.7	414.8	407.7	395.5	388.4	384.8	379.1	374.8	373.4	374.1	373.4
42.5°	391.9	384.8	380.5	371.2	364.1	360.5	356.9	352.6	354.8	354.8	356.9
45°	364.1	357.6	354.8	347.6	343.3	337.6	334.0	333.3	336.2	335.4	335.4
47.5°	335.4	333.3	329.7	323.3	317.6	314.0	313.3	313.3	316.1	317.6	316.8
50°	313.3	309.0	304.7	299.7	295.4	294.0	291.8	293.2	296.1	296.1	297.5
52.5°	285.4	282.5	281.1	276.8	273.9	273.9	273.9	274.6	276.8	278.9	278.2
55°	261.1	258.9	257.5	255.3	251.8	252.5	251.8	253.2	255.3	257.5	258.9
57.5°	235.3	234.6	233.2	229.6	229.6	228.9	231.0	231.7	235.3	236.7	238.9
60°	212.4	210.3	210.3	207.4	207.4	207.4	209.6	211.7	214.6	215.3	216.7
62.5°	188.1	188.1	187.4	185.2	185.2	187.4	188.1	191.0	192.4	192.4	194.5
65°	165.2	164.5	163.8	164.5	165.2	165.2	167.4	168.8	170.2	170.9	171.7
67.5°	142.3	141.6	143.0	142.3	143.8	146.6	145.9	148.1	150.2	150.2	150.9
70°	120.9	122.3	121.6	123.0	122.3	123.7	125.9	126.6	126.6	127.3	129.5
72.5°	100.8	100.8	100.8	100.1	100.8	102.3	103.7	104.4	105.9	106.6	108.7
75°	81.5	81.5	80.1	81.5	81.5	83.0	84.4	84.4	84.4	85.8	88.0
77.5°	61.5	62.2	61.5	62.9	62.9	63.7	65.1	64.4	65.8	66.5	67.2
80°	45.1	44.3	44.3	44.3	45.1	45.1	46.5	47.2	47.2	49.4	47.9
82.5°	28.6	29.3	28.6	29.3	29.3	30.0	29.3	30.0	30.8	32.2	31.5
85°	16.5	15.7	15.7	16.5	15.7	15.7	16.5	15.7	16.5	15.7	16.5
87.5°	6.4	5.7	5.7	5.7	5.7	5.0	5.0	4.3	4.3	4.3	3.6
90°	12.7	14.1	15.1	17.2	19.3	21.4	23.5	24.8	26.1	27.4	28.7
92.5°	25.2	24.7	25.1	25.9	26.6	27.4	28.2	28.7	29.3	29.8	30.3
95°	42.0	37.7	38.6	40.4	42.3	44.1	45.9	47.2	48.5	49.8	51.1
97.5°	51.9	41.2	43.3	47.5	51.6	55.8	60.0	60.8	61.6	62.3	63.1
100°	65.0	47.1	49.3	53.8	58.2	62.7	67.1	69.2	71.3	73.4	75.5
102.5°	283.9	283.6	259.8	212.2	164.6	117.0	69.4	72.3	75.2	78.1	81.0
105°	389.1	393.0	357.3	285.9	214.6	143.2	71.8	74.7	77.5	80.4	83.3
107.5°	467.3	470.6	426.5	338.4	250.3	162.2	74.1	77.0	79.9	82.8	85.7
110°	543.2	546.0	508.2	432.6	357.1	281.5	205.9	179.7	153.6	127.4	101.3

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CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
112.5°	615.3	617.7	615.5	611.0	606.6	602.1	597.7	485.0	372.3	259.6	146.9
115°	694.4	696.6	699.9	706.4	712.9	719.5	726.0	604.9	483.9	362.8	241.7
117.5°	766.9	769.5	771.7	776.2	780.6	785.1	789.5	752.1	714.7	677.4	640.0
120°	839.3	841.3	843.7	848.4	853.1	857.8	862.5	865.6	868.8	871.9	875.0
122.5°	906.3	908.4	911.0	916.2	921.5	926.7	931.9	933.5	935.0	936.6	938.1
125°	970.2	971.9	974.4	979.3	984.3	989.2	994.2	996.0	997.9	999.7	1001.6
127.5°	1032.5	1034.3	1036.3	1040.2	1044.1	1048.0	1051.9	1054.5	1057.1	1059.8	1062.4
130°	1092.2	1094.3	1095.7	1098.6	1101.5	1104.3	1107.2	1110.1	1112.9	1115.8	1118.7
132.5°	1147.9	1149.6	1151.0	1153.9	1156.8	1159.6	1162.5	1164.9	1167.2	1169.6	1171.9
135°	1200.4	1202.5	1203.7	1206.0	1208.4	1210.7	1213.1	1215.7	1218.3	1221.0	1223.6
137.5°	1248.0	1249.6	1250.9	1253.5	1256.1	1258.7	1261.3	1263.9	1266.5	1269.2	1271.8
140°	1294.5	1295.5	1296.9	1299.8	1302.7	1305.5	1308.4	1310.8	1313.1	1315.5	1317.8
142.5°	1335.7	1336.6	1338.3	1341.7	1345.1	1348.5	1351.9	1354.0	1356.1	1358.2	1360.3
145°	1372.0	1371.9	1374.1	1378.6	1383.0	1387.5	1391.9	1393.7	1395.6	1397.4	1399.3
147.5°	1408.8	1408.4	1410.6	1415.1	1419.5	1424.0	1428.4	1429.7	1431.0	1432.3	1433.6
150°	1442.3	1441.4	1443.5	1447.7	1451.8	1456.0	1460.2	1461.8	1463.4	1464.9	1466.5
152.5°	1473.0	1472.0	1474.0	1477.9	1481.8	1485.7	1489.6	1491.2	1492.8	1494.3	1495.9
155°	1502.6	1501.4	1503.0	1506.1	1509.2	1512.4	1515.5	1517.1	1518.7	1520.2	1521.8
157.5°	1528.3	1527.3	1528.5	1530.8	1533.1	1535.5	1537.8	1539.6	1541.5	1543.3	1545.2
160°	1551.6	1550.8	1551.6	1553.2	1554.7	1556.3	1557.9	1559.5	1561.0	1562.6	1564.1
162.5°	1570.4	1569.6	1570.3	1571.6	1572.9	1574.2	1575.5	1577.3	1579.1	1581.0	1582.8
165°	1586.9	1586.1	1586.5	1587.3	1588.0	1588.8	1589.6	1591.4	1593.3	1595.1	1597.0
167.5°	1599.8	1599.0	1599.4	1600.2	1601.0	1601.8	1602.6	1604.4	1606.2	1608.1	1609.9
170°	1610.4	1609.6	1609.9	1610.4	1610.9	1611.5	1612.0	1613.8	1615.6	1617.5	1619.3
172.5°	1617.5	1616.7	1617.0	1617.5	1618.0	1618.5	1619.0	1620.8	1622.7	1624.5	1626.4
175°	1622.3	1621.4	1621.7	1622.2	1622.7	1623.2	1623.7	1625.5	1627.4	1629.2	1631.1
177.5°	1624.6	1623.7	1623.8	1624.1	1624.4	1624.6	1624.9	1626.7	1628.6	1630.4	1632.3
180°	1626.1	1626.1	1626.1	1626.1	1626.1	1626.1	1626.1	1626.1	1626.1	1626.1	1626.1

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CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
0°	930.5	930.5	930.5	930.5	930.5	930.5	930.5	930.5	930.5	930.5	930.5
2.5°	886.9	889.0	884.0	882.6	884.0	879.0	880.4	881.9	881.9	884.0	885.5
5°	835.4	832.5	827.5	826.1	824.7	826.8	825.4	827.5	828.2	833.2	834.0
7.5°	784.6	780.3	776.0	771.7	770.3	766.7	770.3	770.3	775.3	773.9	777.5
10°	724.5	723.8	718.1	715.9	713.1	707.4	715.2	713.1	716.7	723.1	724.5
12.5°	680.2	672.3	675.9	665.9	669.5	663.7	664.4	664.4	670.2	670.9	669.5
15°	638.0	631.5	622.3	618.0	615.8	613.0	622.3	623.0	618.7	628.7	625.1
17.5°	595.1	595.1	586.5	584.3	578.6	581.5	580.1	580.8	579.3	586.5	590.1
20°	557.9	554.3	551.4	552.2	545.0	543.6	542.1	543.6	548.6	553.6	555.0
22.5°	527.8	525.7	518.5	520.0	514.3	516.4	515.0	518.5	519.3	519.3	524.3
25°	499.2	496.4	497.1	494.2	492.1	492.1	489.9	492.1	494.9	496.4	497.1
27.5°	477.8	475.6	472.1	469.9	471.3	467.8	470.6	472.8	472.8	471.3	472.8
30°	452.0	453.5	453.5	446.3	449.2	447.7	449.9	451.3	451.3	452.0	450.6
32.5°	434.9	430.6	429.9	429.1	429.1	426.3	426.3	428.4	429.1	429.9	432.0
35°	412.0	412.0	408.4	410.5	407.7	408.4	407.7	408.4	409.8	407.7	409.8
37.5°	391.2	391.9	390.5	391.9	392.7	391.2	389.8	392.7	391.2	391.2	389.8
40°	373.4	372.6	373.4	373.4	373.4	374.1	372.6	372.6	372.6	371.2	369.8
42.5°	358.3	354.0	355.5	356.2	354.0	354.0	354.8	354.0	356.2	351.9	351.9
45°	336.9	335.4	336.2	336.2	337.6	335.4	336.9	337.6	335.4	334.7	333.3
47.5°	317.6	319.0	317.6	319.0	319.0	320.4	317.6	318.3	319.0	316.1	314.0
50°	298.3	298.3	300.4	299.7	300.4	299.0	299.0	298.3	299.0	297.5	295.4
52.5°	280.4	278.2	281.8	281.1	280.4	279.7	278.9	279.7	278.2	276.8	276.8
55°	258.2	258.2	260.3	261.1	261.1	259.6	258.2	258.9	258.2	257.5	256.8
57.5°	240.3	237.5	238.9	239.6	239.6	237.5	238.9	237.5	237.5	238.2	236.0
60°	217.4	217.4	216.0	218.1	218.1	216.7	216.7	217.4	216.0	215.3	214.6
62.5°	193.1	193.8	196.0	196.7	197.4	196.0	194.5	195.3	195.3	193.1	193.8
65°	172.4	173.8	176.7	175.9	174.5	175.2	173.8	174.5	172.4	173.1	170.9
67.5°	152.3	151.6	152.3	152.3	153.8	153.1	151.6	151.6	150.9	153.1	150.9
70°	130.9	130.9	130.9	130.9	131.6	132.3	130.9	129.5	130.2	128.7	128.0
72.5°	108.7	109.4	108.7	110.1	108.0	109.4	109.4	108.7	108.0	108.0	108.0
75°	88.0	89.4	87.3	88.0	87.3	88.7	88.0	88.0	86.5	85.8	86.5
77.5°	67.2	67.9	66.5	67.2	66.5	67.2	67.2	66.5	66.5	66.5	66.5
80°	47.9	48.6	47.9	47.2	46.5	47.9	46.5	47.2	47.9	47.2	48.6
82.5°	30.8	30.8	30.0	30.8	29.3	29.3	30.0	30.0	29.3	30.8	29.3
85°	15.0	15.0	16.5	15.0	14.3	14.3	14.3	15.0	14.3	15.7	15.0
87.5°	3.6	2.9	3.6	3.6	2.9	2.9	3.6	2.9	3.6	4.3	2.9
90°	29.4	29.7	30.2	30.7	31.3	31.8	31.3	30.7	30.2	29.7	29.4
92.5°	30.6	30.7	31.0	31.3	31.5	31.8	31.5	31.3	31.0	30.7	30.6
95°	51.8	51.7	51.4	51.1	50.9	50.6	50.9	51.1	51.4	51.7	51.8
97.5°	63.5	63.6	63.9	64.2	64.4	64.7	64.4	64.2	63.9	63.6	63.5
100°	76.5	76.8	77.3	77.8	78.3	78.8	78.3	77.8	77.3	76.8	76.5
102.5°	82.4	82.8	83.6	84.3	85.1	85.9	85.1	84.3	83.6	82.8	82.4
105°	84.7	85.2	86.3	87.3	88.4	89.4	88.4	87.3	86.3	85.2	84.7
107.5°	87.1	87.6	88.7	89.7	90.8	91.8	90.8	89.7	88.7	87.6	87.1
110°	88.2	88.7	89.8	90.9	91.9	93.0	91.9	90.9	89.8	88.7	88.2

TEST NUMBER: P1029457

CATALOG NUMBER: S122DIW-B485D1240UB2750-4F0-XX-W2A-A_5000K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
112.5°	90.6	91.0	91.8	92.5	93.3	94.1	93.3	92.5	91.8	91.0	90.6
115°	181.2	171.8	153.0	134.1	115.3	96.5	115.3	134.1	153.0	171.8	181.2
117.5°	621.3	587.0	518.5	450.0	381.5	313.0	381.5	450.0	518.5	587.0	621.3
120°	876.6	858.9	823.6	788.3	753.0	717.7	753.0	788.3	823.6	858.9	876.6
122.5°	938.9	939.0	939.3	939.6	939.8	940.1	939.8	939.6	939.3	939.0	938.9
125°	1002.5	1002.9	1003.7	1004.4	1005.2	1006.0	1005.2	1004.4	1003.7	1002.9	1002.5
127.5°	1063.7	1063.8	1064.1	1064.3	1064.6	1064.8	1064.6	1064.3	1064.1	1063.8	1063.7
130°	1120.1	1120.0	1119.7	1119.5	1119.2	1119.0	1119.2	1119.5	1119.7	1120.0	1120.1
132.5°	1173.1	1173.0	1172.7	1172.4	1172.2	1171.9	1172.2	1172.4	1172.7	1173.0	1173.1
135°	1224.9	1224.6	1224.1	1223.6	1223.0	1222.5	1223.0	1223.6	1224.1	1224.6	1224.9
137.5°	1273.1	1272.7	1271.9	1271.2	1270.4	1269.6	1270.4	1271.2	1271.9	1272.7	1273.1
140°	1319.0	1318.3	1317.0	1315.7	1314.4	1313.1	1314.4	1315.7	1317.0	1318.3	1319.0
142.5°	1361.4	1360.7	1359.4	1358.1	1356.8	1355.5	1356.8	1358.1	1359.4	1360.7	1361.4
145°	1400.2	1399.5	1398.2	1396.9	1395.6	1394.3	1395.6	1396.9	1398.2	1399.5	1400.2
147.5°	1434.3	1433.8	1432.7	1431.7	1430.6	1429.6	1430.6	1431.7	1432.7	1433.8	1434.3
150°	1467.3	1466.6	1465.3	1464.0	1462.7	1461.4	1462.7	1464.0	1465.3	1466.6	1467.3
152.5°	1496.7	1495.8	1493.9	1492.1	1490.2	1488.4	1490.2	1492.1	1493.9	1495.8	1496.7
155°	1522.6	1521.5	1519.4	1517.3	1515.2	1513.1	1515.2	1517.3	1519.4	1521.5	1522.6
157.5°	1546.1	1545.1	1543.0	1540.9	1538.8	1536.7	1538.8	1540.9	1543.0	1545.1	1546.1
160°	1564.9	1564.0	1562.2	1560.3	1558.5	1556.7	1558.5	1560.3	1562.2	1564.0	1564.9
162.5°	1583.7	1582.5	1580.2	1577.8	1575.5	1573.1	1575.5	1577.8	1580.2	1582.5	1583.7
165°	1597.9	1597.0	1595.1	1593.3	1591.4	1589.6	1591.4	1593.3	1595.1	1597.0	1597.9
167.5°	1610.8	1609.6	1607.3	1604.9	1602.6	1600.2	1602.6	1604.9	1607.3	1609.6	1610.8
170°	1620.2	1619.0	1616.7	1614.3	1612.0	1609.6	1612.0	1614.3	1616.7	1619.0	1620.2
172.5°	1627.3	1626.1	1623.8	1621.4	1619.1	1616.7	1619.1	1621.4	1623.8	1626.1	1627.3
175°	1632.0	1630.7	1628.1	1625.4	1622.8	1620.2	1622.8	1625.4	1628.1	1630.7	1632.0
177.5°	1633.2	1632.0	1629.7	1627.3	1625.0	1622.6	1625.0	1627.3	1629.7	1632.0	1633.2
180°	1626.1	1626.1	1626.1	1626.1	1626.1	1626.1	1626.1	1626.1	1626.1	1626.1	1626.1

TEST NUMBER: P1029457

CATALOG NUMBER: S122DIW-B485D1240UB2750-4F0-XX-W2A-A_5000K

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
0°	930.5	930.5	930.5	930.5	930.5	930.5	930.5	930.5	930.5	930.5	930.5
2.5°	883.3	889.0	886.9	879.0	888.3	888.3	894.8	894.8	902.6	905.5	909.8
5°	833.2	837.5	841.1	837.5	844.0	854.0	859.7	864.7	875.4	879.7	886.2
7.5°	779.6	787.5	791.0	791.0	801.8	813.2	824.7	831.8	846.8	852.6	859.0
10°	727.4	736.7	743.8	743.1	761.0	768.2	782.5	798.9	813.9	822.5	831.8
12.5°	672.3	677.3	687.3	701.6	705.9	718.8	735.3	756.0	783.2	791.0	804.6
15°	626.5	640.1	648.0	654.4	664.4	676.6	694.5	714.5	741.7	758.9	773.2
17.5°	587.9	605.8	610.8	609.4	622.3	640.8	661.6	676.6	700.9	721.7	735.3
20°	556.4	563.6	572.2	575.8	585.8	605.8	625.8	643.0	663.0	679.5	695.2
22.5°	525.0	530.7	537.9	544.3	552.2	563.6	582.9	604.4	623.7	639.4	657.3
25°	499.2	502.8	509.2	514.3	522.8	530.7	544.3	567.9	590.8	600.1	615.8
27.5°	474.2	477.1	481.4	487.1	491.4	499.2	511.4	530.7	554.3	563.6	585.1
30°	452.0	454.2	458.5	461.3	463.5	472.8	482.1	497.1	515.0	527.8	543.6
32.5°	431.3	433.4	437.7	438.4	441.3	446.3	454.9	468.5	484.2	494.9	508.5
35°	408.4	409.8	414.1	415.5	417.7	422.0	428.4	438.4	452.7	460.6	472.8
37.5°	390.5	389.8	392.7	394.8	397.7	399.8	402.0	412.0	422.7	429.9	439.2
40°	371.2	369.8	370.5	373.4	374.8	377.6	377.6	387.7	394.8	400.5	407.7
42.5°	351.9	351.2	349.7	351.2	352.6	353.3	354.0	361.2	368.3	373.4	381.2
45°	332.6	331.9	330.4	331.2	331.2	332.6	334.7	337.6	342.6	346.9	351.2
47.5°	314.7	313.3	311.1	310.4	311.8	311.8	311.8	314.7	319.7	321.1	325.4
50°	296.1	294.0	291.1	289.7	289.7	289.0	290.4	291.1	295.4	296.8	300.4
52.5°	276.1	274.6	271.8	268.9	269.6	268.2	268.9	269.6	271.1	273.2	275.4
55°	256.1	253.2	251.0	250.3	248.2	248.2	246.0	248.9	248.2	248.9	251.8
57.5°	236.7	233.9	230.3	228.9	226.7	226.0	224.6	223.9	224.6	226.7	228.9
60°	213.9	212.4	210.3	208.1	206.7	204.6	203.1	203.1	202.4	202.4	203.1
62.5°	191.7	191.0	188.1	187.4	186.0	184.5	182.4	181.0	181.0	182.4	183.1
65°	170.2	169.5	167.4	166.6	163.1	161.6	160.9	160.2	158.8	158.8	158.8
67.5°	150.2	148.1	148.1	144.5	141.6	140.2	138.8	138.0	138.0	138.0	138.8
70°	128.0	128.0	125.9	123.7	120.9	121.6	119.4	117.3	117.3	115.9	116.6
72.5°	106.6	105.9	103.7	103.0	100.8	98.7	97.3	98.7	96.6	95.8	96.6
75°	85.8	85.1	83.7	82.3	83.0	80.8	78.7	78.0	78.0	76.5	76.5
77.5°	65.8	67.2	64.4	63.7	62.2	60.8	60.1	59.4	59.4	59.4	60.8
80°	45.8	46.5	46.5	45.1	45.8	43.6	43.6	43.6	41.5	42.2	42.9
82.5°	29.3	29.3	28.6	29.3	28.6	28.6	27.9	27.9	27.2	27.2	27.9
85°	16.5	15.7	15.0	16.5	15.7	15.7	15.0	15.0	15.0	15.0	15.0
87.5°	3.6	4.3	4.3	4.3	4.3	5.0	5.0	5.0	5.7	5.7	5.7
90°	28.7	27.4	26.1	24.8	23.5	21.4	19.3	17.2	15.1	14.1	12.7
92.5°	30.3	29.8	29.3	28.7	28.2	27.4	26.6	25.9	25.1	24.7	25.2
95°	51.1	49.8	48.5	47.2	45.9	44.1	42.3	40.4	38.6	37.7	42.0
97.5°	63.1	62.3	61.6	60.8	60.0	55.8	51.6	47.5	43.3	41.2	51.9
100°	75.5	73.4	71.3	69.2	67.1	62.7	58.2	53.8	49.3	47.1	65.0
102.5°	81.0	78.1	75.2	72.3	69.4	117.0	164.6	212.2	259.8	283.6	283.9
105°	83.3	80.4	77.5	74.7	71.8	143.2	214.6	285.9	357.3	393.0	389.1
107.5°	85.7	82.8	79.9	77.0	74.1	162.2	250.3	338.4	426.5	470.6	467.3
110°	101.3	127.4	153.6	179.7	205.9	281.5	357.1	432.6	508.2	546.0	543.2

TEST NUMBER: P1029457

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CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
112.5°	146.9	259.6	372.3	485.0	597.7	602.1	606.6	611.0	615.5	617.7	615.3
115°	241.7	362.8	483.9	604.9	726.0	719.5	712.9	706.4	699.9	696.6	694.4
117.5°	640.0	677.4	714.7	752.1	789.5	785.1	780.6	776.2	771.7	769.5	766.9
120°	875.0	871.9	868.8	865.6	862.5	857.8	853.1	848.4	843.7	841.3	839.3
122.5°	938.1	936.6	935.0	933.5	931.9	926.7	921.5	916.2	911.0	908.4	906.3
125°	1001.6	999.7	997.9	996.0	994.2	989.2	984.3	979.3	974.4	971.9	970.2
127.5°	1062.4	1059.8	1057.1	1054.5	1051.9	1048.0	1044.1	1040.2	1036.3	1034.3	1032.5
130°	1118.7	1115.8	1112.9	1110.1	1107.2	1104.3	1101.5	1098.6	1095.7	1094.3	1092.2
132.5°	1171.9	1169.6	1167.2	1164.9	1162.5	1159.6	1156.8	1153.9	1151.0	1149.6	1147.9
135°	1223.6	1221.0	1218.3	1215.7	1213.1	1210.7	1208.4	1206.0	1203.7	1202.5	1200.4
137.5°	1271.8	1269.2	1266.5	1263.9	1261.3	1258.7	1256.1	1253.5	1250.9	1249.6	1248.0
140°	1317.8	1315.5	1313.1	1310.8	1308.4	1305.5	1302.7	1299.8	1296.9	1295.5	1294.5
142.5°	1360.3	1358.2	1356.1	1354.0	1351.9	1348.5	1345.1	1341.7	1338.3	1336.6	1335.7
145°	1399.3	1397.4	1395.6	1393.7	1391.9	1387.5	1383.0	1378.6	1374.1	1371.9	1372.0
147.5°	1433.6	1432.3	1431.0	1429.7	1428.4	1424.0	1419.5	1415.1	1410.6	1408.4	1408.8
150°	1466.5	1464.9	1463.4	1461.8	1460.2	1456.0	1451.8	1447.7	1443.5	1441.4	1442.3
152.5°	1495.9	1494.3	1492.8	1491.2	1489.6	1485.7	1481.8	1477.9	1474.0	1472.0	1473.0
155°	1521.8	1520.2	1518.7	1517.1	1515.5	1512.4	1509.2	1506.1	1503.0	1501.4	1502.6
157.5°	1545.2	1543.3	1541.5	1539.6	1537.8	1535.5	1533.1	1530.8	1528.5	1527.3	1528.3
160°	1564.1	1562.6	1561.0	1559.5	1557.9	1556.3	1554.7	1553.2	1551.6	1550.8	1551.6
162.5°	1582.8	1581.0	1579.1	1577.3	1575.5	1574.2	1572.9	1571.6	1570.3	1569.6	1570.4
165°	1597.0	1595.1	1593.3	1591.4	1589.6	1588.8	1588.0	1587.3	1586.5	1586.1	1586.9
167.5°	1609.9	1608.1	1606.2	1604.4	1602.6	1601.8	1601.0	1600.2	1599.4	1599.0	1599.8
170°	1619.3	1617.5	1615.6	1613.8	1612.0	1611.5	1610.9	1610.4	1609.9	1609.6	1610.4
172.5°	1626.4	1624.5	1622.7	1620.8	1619.0	1618.5	1618.0	1617.5	1617.0	1616.7	1617.5
175°	1631.1	1629.2	1627.4	1625.5	1623.7	1623.2	1622.7	1622.2	1621.7	1621.4	1622.3
177.5°	1632.3	1630.4	1628.6	1626.7	1624.9	1624.6	1624.4	1624.1	1623.8	1623.7	1624.6
180°	1626.1	1626.1	1626.1	1626.1	1626.1	1626.1	1626.1	1626.1	1626.1	1626.1	1626.1

TEST NUMBER: P1029457

CATALOG NUMBER: S122DIW-B485D1240UB2750-4F0-XX-W2A-A_5000K

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
0°	930.5	930.5	930.5	930.5
2.5°	913.3	913.3	924.1	935.5
5°	893.3	898.3	915.5	931.2
7.5°	874.0	882.6	904.1	924.1
10°	850.4	861.9	888.3	911.9
12.5°	827.5	838.3	869.0	895.5
15°	795.3	808.9	841.8	874.7
17.5°	763.2	776.7	816.8	855.4
20°	725.2	743.1	788.2	839.7
22.5°	690.2	712.4	762.4	803.9
25°	651.6	685.9	732.4	786.0
27.5°	617.2	651.6	698.8	753.1
30°	578.6	613.7	662.3	712.4
32.5°	541.4	573.6	620.8	682.3
35°	502.8	533.6	579.3	641.6
37.5°	467.8	497.8	547.9	605.1
40°	433.4	464.9	507.8	565.0
42.5°	401.2	429.1	467.8	525.0
45°	371.9	391.9	427.7	481.4
47.5°	341.2	359.0	391.9	445.6
50°	312.6	327.6	356.2	406.3
52.5°	284.7	297.5	324.0	364.1
55°	259.6	271.8	291.1	330.4
57.5°	233.9	243.2	261.8	293.2
60°	208.8	217.4	232.4	258.2
62.5°	183.8	191.0	205.3	226.0
65°	161.6	167.4	178.1	196.0
67.5°	140.2	143.8	152.3	166.6
70°	119.4	122.3	129.5	140.9
72.5°	97.3	100.1	108.0	115.9
75°	78.7	79.4	85.1	91.5
77.5°	61.5	60.8	65.1	70.1
80°	42.2	44.3	47.9	50.1
82.5°	28.6	29.3	30.8	32.2
85°	15.7	16.5	16.5	18.6
87.5°	6.4	7.2	7.2	7.9
90°	9.8	6.9	4.1	1.2
92.5°	26.3	27.3	28.4	29.4
95°	50.6	59.3	67.9	76.5
97.5°	73.4	94.8	116.3	137.7
100°	100.8	136.7	172.5	208.3
102.5°	284.4	284.9	285.4	285.9
105°	381.2	373.4	365.5	357.7
107.5°	460.8	454.3	447.7	441.2
110°	537.7	532.2	526.7	521.2

TEST NUMBER: P1029457

CATALOG NUMBER: S122DIW-B485D1240UB2750-4F0-XX-W2A-A_5000K

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
112.5°	610.6	605.9	601.2	596.5
115°	689.9	685.5	681.0	676.6
117.5°	761.7	756.4	751.2	746.0
120°	835.4	831.5	827.5	823.6
122.5°	902.1	897.9	893.7	889.5
125°	966.8	963.4	960.0	956.6
127.5°	1028.8	1025.1	1021.5	1017.8
130°	1088.0	1083.8	1079.6	1075.4
132.5°	1144.5	1141.1	1137.7	1134.3
135°	1196.2	1192.1	1187.9	1183.7
137.5°	1244.9	1241.8	1238.6	1235.5
140°	1292.4	1290.3	1288.2	1286.1
142.5°	1333.9	1332.0	1330.2	1328.4
145°	1372.3	1372.6	1372.8	1373.1
147.5°	1409.6	1410.3	1411.1	1411.9
150°	1444.1	1446.0	1447.8	1449.6
152.5°	1475.1	1477.2	1479.3	1481.4
155°	1504.9	1507.3	1509.6	1512.0
157.5°	1530.4	1532.5	1534.6	1536.7
160°	1553.2	1554.7	1556.3	1557.9
162.5°	1572.0	1573.5	1575.1	1576.7
165°	1588.4	1590.0	1591.5	1593.1
167.5°	1601.4	1602.9	1604.5	1606.1
170°	1612.0	1613.5	1615.1	1616.7
172.5°	1619.0	1620.6	1622.1	1623.7
175°	1624.1	1626.0	1627.8	1629.6
177.5°	1626.5	1628.3	1630.2	1632.0
180°	1626.1	1626.1	1626.1	1626.1

(END OF REPORT)