

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: P1029426

Luminaire Tested: S122DIW-B290D970UB2750-4F0-XX-W2A-A_2700K

Issue Date: 5/6/2025

Test Information

Test Method: LM-79-2019
Report Number: P1029426
REPORT IS A COMBINATION OF REPORTS P985847 AND P1007351
Test Lab: INNOVATION CENTER
Issue Date: 5/6/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: NEO-RAY
Catalog Number: S122DIW-B290D970UB2750-4F0-XX-W2A-A_2700K
Description: Define 2 Direct/Indirect Wall Mount with 2700K BioUP LEDs {m-DER=0.473} {m-EER=0.52}
Light Source: -
Ballast/Driver: -

Summary

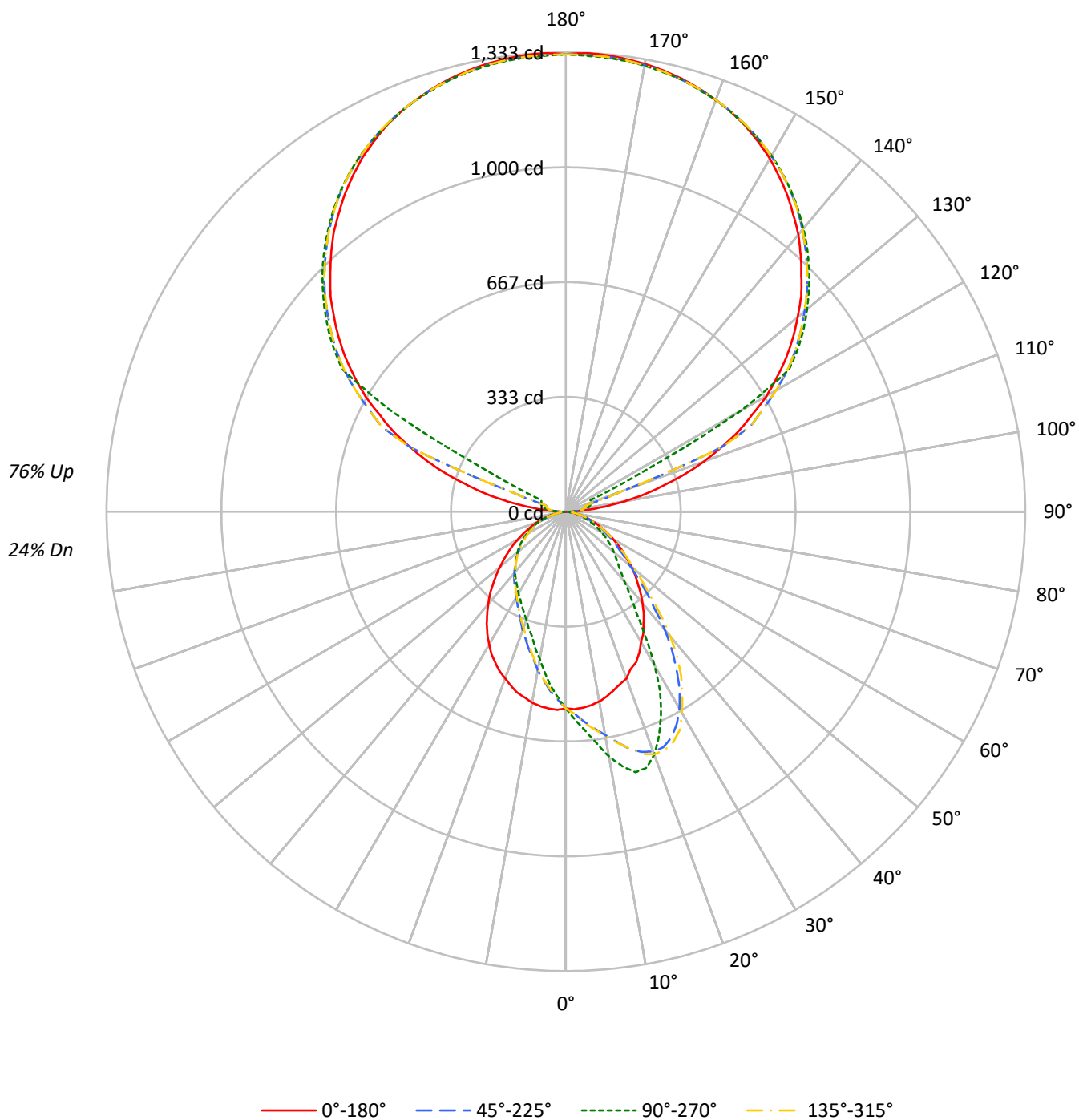
Lumens per Lamp: N/A
Luminaire Lumens: 5153.0 lumens
Efficiency: N/A
Efficacy: 115.8 lumens/watt
Spacing Criteria (0/90/45): 1.16 / 1.09 / 1.23
Luminous Opening: Rectangular w/ Sides (W: 0.17' x L: 4' x H: 0.1')
CIE Type: Semi-Indirect

Input Watts (W): 44.5
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

TEST NUMBER: P1029426

CATALOG NUMBER: S122DIW-B290D970UB2750-4F0-XX-W2A-A_2700K

Luminous Intensity Polar Plot



TEST NUMBER: P1029426

CATALOG NUMBER: S122DIW-B290D970UB2750-4F0-XX-W2A-A_2700K

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	101	101	101	101	90	90	90	90	69	69	69	50	50	50	33	33	33
1	92	88	85	81	82	79	76	73	61	59	57	44	43	42	29	29	28
2	84	77	72	67	75	69	64	60	53	50	47	39	37	35	26	25	24
3	77	68	61	56	68	61	55	50	47	43	40	35	32	30	23	22	21
4	70	60	53	47	62	54	48	43	42	38	34	31	28	26	21	19	18
5	65	54	46	40	57	48	42	37	38	33	30	28	25	23	19	17	16
6	59	48	40	35	53	43	37	32	34	29	26	25	22	20	17	15	14
7	55	43	36	30	49	39	32	28	31	26	23	23	20	17	16	14	12
8	51	39	32	27	45	35	29	25	28	23	20	21	18	16	14	13	11
9	47	36	29	24	42	32	26	22	26	21	18	19	16	14	13	11	10
10	44	33	26	21	39	29	23	19	23	19	16	18	15	13	12	11	9

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	9026	9026	9026	9026
5°	9047	9623	9082	7656
10°	8942	10506	8998	6312
15°	8725	11080	8846	5317
20°	8589	10405	8589	4622
25°	8316	8938	8353	4132
30°	7865	7027	8014	3744
35°	7466	4859	7591	3424
40°	7007	3669	7088	3171
45°	6443	3015	6548	2896
50°	5952	2646	5964	2652
55°	5396	2254	5430	2386
60°	4801	1883	4867	2082
65°	4269	1532	4348	1779
70°	3737	1201	3833	1435
75°	3138	873	3261	1039
80°	2451	553	2627	618
85°	1610	277	1737	207

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 157.5°

Vertical Angle: 45°

Luminance: 9330 cd/sqm

TEST NUMBER: P1029426

CATALOG NUMBER: S122DIW-B290D970UB2750-4F0-XX-W2A-A_2700K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	54.3	1.1
10°-20°	158.1	3.1
20°-30°	229.4	4.5
30°-40°	241.8	4.7
40°-50°	214.0	4.2
50°-60°	170.9	3.3
60°-70°	116.1	2.3
70°-80°	59.4	1.2
80°-90°	16.4	0.3
90°-100°	43.8	0.8
100°-110°	163.2	3.2
110°-120°	432.9	8.4
120°-130°	718.0	13.9
130°-140°	762.6	14.8
140°-150°	708.8	13.8
150°-160°	569.8	11.1
160°-170°	367.2	7.1
170°-180°	126.4	2.5
0°-30°	441.8	8.6
0°-40°	683.6	13.3
0°-60°	1068.5	20.7
0°-90°	1260.3	24.5
90°-120°	639.9	12.4
90°-150°	2829.3	54.9
90°-180°	3893.0	75.5
0°-180°	5153.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	570	570	570	570	570	
5°	571	637	573	507	571	54
15°	536	783	543	376	536	151
25°	482	652	484	302	482	220
35°	393	355	400	250	393	246
45°	295	214	300	206	295	229
55°	202	150	204	159	202	181
65°	120	92	122	107	120	119
75°	56	46	58	54	56	60
85°	11	12	12	9	11	13
90°	1	26	1	26	1	4
95°	62	41	62	41	62	74
105°	292	73	292	73	292	312
115°	552	79	552	79	552	544
125°	781	822	781	822	781	697
135°	967	998	967	998	967	747
145°	1121	1138	1121	1138	1121	701
155°	1235	1236	1235	1236	1235	569
165°	1301	1298	1301	1298	1301	368
175°	1331	1323	1331	1323	1331	127
180°	1328	1328	1328	1328	1328	

TEST NUMBER: P1029426

CATALOG NUMBER: S122DIW-B290D970UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	570.2	570.2	570.2	570.2	570.2	570.2	570.2	570.2	570.2	570.2	570.2
2.5°	573.3	574.6	576.8	577.2	581.6	585.1	589.0	589.0	590.3	589.9	586.4
5°	570.6	574.6	580.3	585.1	593.0	596.5	601.7	605.7	609.2	611.8	611.4
7.5°	566.2	573.3	581.6	590.8	601.3	607.4	614.9	621.9	626.7	631.1	634.2
10°	558.8	570.6	582.0	594.3	607.9	616.2	625.0	634.2	641.6	649.9	657.8
12.5°	548.7	565.8	579.8	596.0	612.7	621.9	635.9	642.9	657.4	678.4	684.1
15°	536.0	559.2	572.4	593.0	614.9	622.3	641.6	653.0	682.8	696.0	711.7
17.5°	524.2	550.0	567.6	591.2	612.7	627.2	646.0	669.2	694.2	713.1	730.6
20°	514.5	539.5	560.5	586.8	614.0	632.4	652.1	680.2	707.4	726.6	740.2
22.5°	492.6	524.6	549.1	578.5	611.4	636.8	655.6	686.3	715.7	727.5	739.4
25°	481.7	509.3	537.8	571.1	609.6	639.9	656.1	690.3	716.1	720.5	723.1
27.5°	461.5	492.6	525.9	564.0	609.2	634.6	655.2	686.3	706.9	703.9	696.0
30°	436.5	474.6	511.5	552.7	603.1	630.7	649.9	678.4	689.0	673.2	659.2
32.5°	418.1	454.0	494.8	542.6	596.0	622.3	641.2	663.5	665.7	637.2	613.6
35°	393.1	433.0	479.0	529.4	584.2	607.9	625.4	639.0	628.5	588.6	560.5
37.5°	370.8	410.2	459.3	510.6	568.0	591.2	605.2	607.4	581.6	546.5	505.3
40°	346.2	387.0	438.3	492.2	550.0	570.2	578.9	572.4	535.1	494.4	446.6
42.5°	321.7	362.0	417.2	472.5	527.2	544.3	547.8	529.9	484.3	436.5	381.3
45°	295.0	337.0	392.2	447.9	500.9	510.6	511.0	485.2	431.3	381.3	330.0
47.5°	273.0	312.0	366.8	422.5	467.2	473.8	471.1	441.3	382.6	326.5	281.8
50°	248.9	286.2	340.5	395.3	433.4	435.2	428.6	386.1	328.7	277.4	241.9
52.5°	223.1	260.8	310.7	363.3	397.5	394.9	382.2	336.6	282.7	240.2	213.0
55°	202.5	235.8	282.7	334.0	358.1	350.6	336.6	290.1	247.6	211.7	188.0
57.5°	179.7	209.1	255.1	299.8	313.8	306.8	292.8	249.4	209.9	182.8	167.0
60°	158.2	184.9	225.3	262.5	273.5	266.0	249.8	210.8	182.3	159.5	147.7
62.5°	138.5	161.7	195.5	229.7	234.0	226.6	212.6	181.0	156.5	138.5	129.7
65°	120.1	142.0	169.2	195.0	199.0	191.1	176.6	153.8	133.2	121.8	113.5
67.5°	102.1	119.6	143.8	162.6	164.8	157.3	145.5	127.1	114.4	102.1	96.0
70°	86.3	99.5	118.3	133.7	134.5	127.5	121.4	104.7	95.1	86.3	81.5
72.5°	71.0	80.2	94.7	106.1	106.5	102.1	96.4	85.9	77.6	71.4	66.6
75°	56.1	64.0	72.8	82.8	82.4	78.9	74.5	67.9	60.9	57.0	54.8
77.5°	43.0	47.8	54.8	61.4	61.4	59.6	57.0	52.2	47.8	43.8	41.6
80°	30.7	33.7	39.4	41.6	42.5	42.1	39.9	36.4	34.6	31.6	30.7
82.5°	19.7	21.9	24.5	26.7	28.0	27.2	26.7	25.0	22.4	21.5	20.6
85°	11.4	12.3	13.6	14.9	15.3	14.9	15.8	14.5	13.1	13.1	12.7
87.5°	4.8	5.3	6.1	6.1	6.6	6.6	6.1	6.6	6.6	6.1	5.7
90°	1.0	3.3	5.7	8.0	10.3	11.5	12.4	14.1	15.8	17.5	19.2
92.5°	24.0	23.2	22.3	21.5	20.6	20.2	20.5	21.2	21.8	22.5	23.1
95°	62.5	55.4	48.4	41.3	34.2	30.7	31.5	33.0	34.5	36.0	37.5
97.5°	112.4	94.9	77.4	59.9	42.4	33.6	35.3	38.7	42.2	45.6	49.0
100°	170.1	140.8	111.6	82.3	53.0	38.4	40.2	43.9	47.5	51.2	54.8
102.5°	233.5	233.1	232.6	232.2	231.7	231.5	212.1	173.2	134.4	95.5	56.7
105°	292.1	298.5	304.9	311.3	317.7	320.9	291.8	233.5	175.2	116.9	58.6
107.5°	360.3	365.6	371.0	376.3	381.6	384.3	348.3	276.4	204.4	132.5	60.5
110°	425.6	430.1	434.6	439.1	443.6	445.8	414.9	353.2	291.5	229.8	168.1

TEST NUMBER: P1029426

CATALOG NUMBER: S122DIW-B290D970UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	487.1	490.9	494.8	498.6	502.5	504.4	502.6	499.0	495.3	491.7	488.1
115°	552.5	556.1	559.7	563.4	567.0	568.8	571.5	576.8	582.1	587.5	592.8
117.5°	609.1	613.4	617.7	622.0	626.3	628.4	630.2	633.8	637.5	641.1	644.7
120°	672.6	675.8	679.0	682.2	685.4	687.0	688.9	692.8	696.6	700.5	704.3
122.5°	726.4	729.8	733.2	736.6	740.0	741.7	743.8	748.1	752.4	756.6	760.9
125°	781.1	783.9	786.7	789.4	792.2	793.6	795.6	799.7	803.8	807.8	811.9
127.5°	831.1	834.1	837.1	840.0	843.0	844.5	846.1	849.3	852.5	855.7	858.9
130°	878.2	881.6	885.0	888.4	891.8	893.5	894.7	897.0	899.4	901.7	904.1
132.5°	926.2	929.0	931.8	934.5	937.3	938.7	939.9	942.2	944.6	946.9	949.3
135°	966.6	970.0	973.4	976.8	980.2	981.9	982.9	984.8	986.7	988.7	990.6
137.5°	1008.8	1011.4	1014.0	1016.5	1019.1	1020.4	1021.5	1023.6	1025.7	1027.9	1030.0
140°	1050.1	1051.8	1053.5	1055.2	1056.9	1057.8	1059.0	1061.3	1063.7	1066.0	1068.4
142.5°	1084.7	1086.2	1087.7	1089.2	1090.7	1091.5	1092.9	1095.6	1098.4	1101.1	1103.9
145°	1121.2	1121.0	1120.8	1120.6	1120.4	1120.3	1122.1	1125.7	1129.4	1133.0	1136.6
147.5°	1152.9	1152.3	1151.7	1151.0	1150.4	1150.1	1151.9	1155.5	1159.2	1162.8	1166.4
150°	1183.7	1182.2	1180.7	1179.2	1177.7	1177.0	1178.7	1182.1	1185.5	1188.9	1192.3
152.5°	1209.6	1207.9	1206.2	1204.5	1202.8	1201.9	1203.5	1206.7	1210.0	1213.2	1216.4
155°	1234.6	1232.7	1230.8	1228.9	1227.0	1226.0	1227.3	1229.8	1232.4	1234.9	1237.5
157.5°	1254.8	1253.1	1251.4	1249.7	1248.0	1247.1	1248.1	1250.0	1251.9	1253.8	1255.7
160°	1272.1	1270.8	1269.5	1268.2	1266.9	1266.3	1266.9	1268.2	1269.5	1270.8	1272.1
162.5°	1287.5	1286.2	1284.9	1283.6	1282.3	1281.7	1282.2	1283.3	1284.4	1285.4	1286.5
165°	1300.9	1299.6	1298.3	1297.0	1295.7	1295.1	1295.4	1296.1	1296.7	1297.4	1298.0
167.5°	1311.5	1310.2	1308.9	1307.6	1306.3	1305.7	1306.0	1306.7	1307.3	1308.0	1308.6
170°	1320.1	1318.8	1317.6	1316.3	1315.0	1314.4	1314.6	1315.0	1315.5	1315.9	1316.3
172.5°	1325.9	1324.6	1323.3	1322.0	1320.7	1320.1	1320.3	1320.7	1321.2	1321.6	1322.0
175°	1330.7	1329.2	1327.7	1326.2	1324.7	1324.0	1324.2	1324.6	1325.1	1325.5	1325.9
177.5°	1332.6	1331.1	1329.6	1328.1	1326.6	1325.9	1326.0	1326.2	1326.4	1326.6	1326.8
180°	1327.8	1327.8	1327.8	1327.8	1327.8	1327.8	1327.8	1327.8	1327.8	1327.8	1327.8

TEST NUMBER: P1029426

CATALOG NUMBER: S122DIW-B290D970UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	570.2	570.2	570.2	570.2	570.2	570.2	570.2	570.2	570.2	570.2	570.2
2.5°	592.5	593.0	593.9	598.2	600.4	600.9	599.1	603.1	604.4	603.1	602.2
5°	620.6	623.2	628.5	634.2	633.7	634.2	636.8	639.4	640.3	636.8	638.1
7.5°	645.1	650.4	656.1	664.8	664.8	669.2	671.0	673.2	678.4	675.8	674.9
10°	673.2	680.2	690.7	704.7	705.2	709.6	713.9	720.9	723.1	721.4	722.3
12.5°	708.2	721.8	722.7	738.0	745.1	745.9	752.9	751.6	756.0	756.0	763.5
15°	723.6	744.6	756.4	771.3	775.7	770.5	776.2	782.3	782.7	782.7	782.3
17.5°	751.2	759.5	771.3	779.2	781.0	781.0	781.4	784.1	782.3	778.8	781.4
20°	756.9	760.4	764.8	763.9	764.8	760.4	756.0	751.6	752.1	749.9	756.4
22.5°	746.4	745.5	735.4	728.8	728.8	720.1	711.7	707.8	703.9	705.2	707.4
25°	720.1	706.5	694.2	684.6	682.4	668.4	657.0	653.5	646.9	652.1	653.0
27.5°	678.0	662.7	642.9	634.6	623.2	617.5	609.6	599.1	585.5	593.4	592.1
30°	632.9	610.1	593.9	573.7	555.7	554.4	539.5	522.0	515.0	515.0	518.9
32.5°	582.5	552.2	528.5	500.1	482.5	475.1	457.1	439.6	443.5	430.4	435.2
35°	523.7	483.8	454.0	426.4	413.3	404.5	381.3	371.6	361.1	355.0	366.4
37.5°	467.6	421.6	383.5	353.2	348.4	332.6	316.9	310.7	304.6	307.2	306.8
40°	399.3	358.5	324.3	300.7	292.3	284.9	274.4	266.9	263.0	265.2	265.6
42.5°	337.5	303.3	277.9	261.2	254.2	248.9	243.7	237.5	236.2	236.2	238.0
45°	289.7	261.6	244.6	231.0	227.0	223.1	219.1	216.5	215.6	213.9	215.2
47.5°	251.6	229.2	218.7	208.6	204.2	203.4	199.8	198.5	196.8	196.3	196.8
50°	219.6	205.5	195.9	190.2	187.1	185.8	184.1	181.4	180.6	182.8	181.9
52.5°	197.2	184.1	178.8	173.1	171.4	169.6	167.0	167.4	167.0	166.1	166.1
55°	174.9	166.5	161.3	156.9	156.5	154.7	152.5	151.6	151.2	150.3	151.6
57.5°	156.9	150.3	145.5	141.6	139.8	139.8	137.6	135.9	135.9	135.4	135.9
60°	138.9	132.4	129.3	125.3	124.0	123.6	122.3	121.4	120.1	120.1	120.1
62.5°	122.3	117.0	113.5	110.0	110.4	108.3	106.5	105.6	105.6	106.1	106.1
65°	106.5	103.0	98.6	95.5	94.7	94.2	93.4	92.9	91.6	92.5	92.5
67.5°	92.0	87.2	84.6	83.3	82.0	81.5	80.6	79.8	79.3	78.9	79.8
70°	77.6	73.6	71.4	70.6	69.2	68.8	68.4	67.1	67.5	67.9	68.4
72.5°	64.4	60.9	60.5	57.9	57.9	57.9	56.1	57.0	56.5	55.7	56.5
75°	50.8	49.1	48.2	46.9	47.3	46.9	46.5	45.1	45.1	45.6	46.0
77.5°	40.3	38.6	38.1	36.8	35.9	36.8	35.9	35.5	35.5	35.9	35.9
80°	29.8	28.9	27.6	27.6	27.6	27.2	27.2	27.2	26.7	26.3	26.7
82.5°	19.7	19.7	19.3	18.8	19.3	18.4	18.8	18.8	18.8	18.8	18.8
85°	12.7	12.3	12.3	11.8	11.8	11.8	12.3	11.4	11.4	11.8	11.8
87.5°	5.7	5.7	5.7	6.1	5.7	5.7	5.7	6.1	5.7	5.7	5.7
90°	20.3	21.3	22.4	23.5	24.0	24.2	24.6	25.1	25.5	25.9	25.5
92.5°	23.5	23.9	24.4	24.8	25.0	25.1	25.3	25.5	25.7	25.9	25.7
95°	38.6	39.6	40.7	41.8	42.3	42.2	42.0	41.7	41.5	41.3	41.5
97.5°	49.6	50.3	50.9	51.6	51.9	52.0	52.2	52.4	52.6	52.8	52.6
100°	56.5	58.2	59.9	61.6	62.5	62.7	63.1	63.6	64.0	64.4	64.0
102.5°	59.1	61.4	63.8	66.1	67.3	67.6	68.2	68.9	69.5	70.1	69.5
105°	61.0	63.3	65.7	68.0	69.2	69.6	70.5	71.3	72.2	73.0	72.2
107.5°	62.9	65.2	67.6	69.9	71.1	71.5	72.4	73.2	74.1	74.9	74.1
110°	146.8	125.4	104.1	82.8	72.1	72.5	73.4	74.2	75.1	75.9	75.1

TEST NUMBER: P1029426

CATALOG NUMBER: S122DIW-B290D970UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	396.1	304.1	212.0	120.0	74.0	74.3	75.0	75.6	76.3	76.9	76.3
115°	494.0	395.1	296.3	197.4	148.0	140.3	124.9	109.6	94.2	78.8	94.2
117.5°	614.2	583.6	553.1	522.6	507.3	479.3	423.4	367.5	311.5	255.6	311.5
120°	706.9	709.4	712.0	714.5	715.8	701.4	672.6	643.7	614.9	586.1	614.9
122.5°	762.2	763.5	764.8	766.1	766.7	766.8	767.0	767.3	767.5	767.7	767.5
125°	813.4	814.9	816.4	817.9	818.6	818.9	819.6	820.2	820.9	821.5	820.9
127.5°	861.1	863.2	865.4	867.5	868.6	868.7	868.9	869.1	869.3	869.5	869.3
130°	906.5	908.8	911.2	913.5	914.7	914.6	914.4	914.1	913.9	913.7	913.9
132.5°	951.2	953.1	955.0	956.9	957.9	957.8	957.6	957.3	957.1	956.9	957.1
135°	992.7	994.9	997.0	999.1	1000.2	1000.0	999.6	999.1	998.7	998.3	998.7
137.5°	1032.1	1034.3	1036.4	1038.5	1039.6	1039.3	1038.6	1038.0	1037.3	1036.7	1037.3
140°	1070.3	1072.2	1074.1	1076.0	1077.0	1076.5	1075.4	1074.3	1073.3	1072.2	1073.3
142.5°	1105.6	1107.3	1109.0	1110.7	1111.6	1111.1	1110.0	1108.9	1107.9	1106.8	1107.9
145°	1138.1	1139.6	1141.1	1142.6	1143.3	1142.8	1141.7	1140.6	1139.6	1138.5	1139.6
147.5°	1167.5	1168.5	1169.6	1170.7	1171.2	1170.8	1169.9	1169.1	1168.2	1167.4	1168.2
150°	1193.6	1194.9	1196.2	1197.5	1198.1	1197.6	1196.5	1195.4	1194.4	1193.3	1194.4
152.5°	1217.7	1218.9	1220.2	1221.5	1222.1	1221.4	1219.9	1218.4	1216.9	1215.4	1216.9
155°	1238.8	1240.1	1241.4	1242.7	1243.3	1242.4	1240.7	1239.0	1237.3	1235.6	1237.3
157.5°	1257.2	1258.7	1260.2	1261.7	1262.5	1261.6	1259.9	1258.2	1256.5	1254.8	1256.5
160°	1273.4	1274.6	1275.9	1277.2	1277.8	1277.1	1275.6	1274.1	1272.6	1271.1	1272.6
162.5°	1288.0	1289.5	1291.0	1292.5	1293.2	1292.2	1290.3	1288.4	1286.5	1284.6	1286.5
165°	1299.5	1301.0	1302.5	1304.0	1304.7	1304.0	1302.5	1301.0	1299.5	1298.0	1299.5
167.5°	1310.1	1311.6	1313.1	1314.6	1315.3	1314.3	1312.4	1310.5	1308.6	1306.7	1308.6
170°	1317.8	1319.3	1320.8	1322.3	1323.0	1322.0	1320.1	1318.2	1316.3	1314.4	1316.3
172.5°	1323.5	1325.0	1326.5	1328.0	1328.8	1327.8	1325.9	1324.0	1322.0	1320.1	1322.0
175°	1327.4	1328.9	1330.4	1331.9	1332.6	1331.5	1329.4	1327.3	1325.1	1323.0	1325.1
177.5°	1328.3	1329.8	1331.3	1332.8	1333.6	1332.6	1330.7	1328.8	1326.8	1324.9	1326.8
180°	1327.8	1327.8	1327.8	1327.8	1327.8	1327.8	1327.8	1327.8	1327.8	1327.8	1327.8

TEST NUMBER: P1029426

CATALOG NUMBER: S122DIW-B290D970UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	570.2	570.2	570.2	570.2	570.2	570.2	570.2	570.2	570.2	570.2	570.2
2.5°	604.4	601.3	598.7	599.1	601.3	599.5	595.2	589.5	587.3	584.6	587.3
5°	640.7	638.1	632.9	633.3	632.0	630.2	623.2	614.4	614.4	607.4	606.6
7.5°	676.7	672.7	669.2	668.4	663.5	660.0	653.9	641.6	636.8	628.5	623.7
10°	717.0	713.9	710.0	705.2	702.5	696.4	686.3	668.4	659.6	648.2	639.9
12.5°	757.8	757.3	748.6	738.9	738.5	728.8	721.8	697.7	685.9	670.5	650.8
15°	783.6	781.4	776.6	771.8	773.1	762.6	746.8	718.3	710.4	692.0	671.0
17.5°	783.2	783.2	781.9	781.0	779.7	776.6	767.8	749.0	736.3	713.1	693.3
20°	758.2	763.9	765.2	764.8	769.2	771.3	770.9	759.1	749.0	728.4	708.2
22.5°	708.2	721.4	727.1	730.6	739.8	744.6	756.0	751.6	749.0	733.7	716.6
25°	661.8	666.2	683.3	684.1	696.8	708.7	720.1	727.5	737.2	731.5	717.0
27.5°	601.7	611.8	624.1	633.3	635.9	660.0	678.9	692.9	714.8	716.6	711.7
30°	533.8	538.6	558.8	571.1	585.1	602.6	629.8	653.9	673.6	691.6	697.7
32.5°	451.0	470.7	482.5	497.4	509.7	540.8	574.1	605.2	628.0	658.3	671.4
35°	375.2	390.5	410.7	416.8	439.1	465.4	508.8	548.7	583.3	614.0	640.7
37.5°	312.5	324.8	346.2	355.9	369.0	402.8	439.1	488.7	530.3	568.0	601.3
40°	269.5	278.7	295.0	298.0	309.0	339.7	369.0	415.5	470.7	521.5	557.9
42.5°	240.2	244.6	255.5	259.5	266.5	287.1	313.4	357.2	408.5	461.1	512.3
45°	219.1	222.2	228.8	232.3	241.0	250.2	271.7	306.8	347.1	400.1	455.4
47.5°	200.3	204.2	206.9	209.1	213.9	224.0	238.0	263.8	302.4	351.1	404.5
50°	184.5	185.8	190.6	191.1	194.2	200.7	213.9	229.7	260.3	299.8	351.5
52.5°	168.7	170.0	173.1	176.2	177.5	182.8	191.5	204.7	227.5	258.6	304.6
55°	153.0	154.7	157.8	160.0	161.3	165.7	170.9	183.6	201.6	223.5	261.2
57.5°	137.2	141.1	142.0	143.3	145.5	150.3	155.1	162.6	176.6	196.8	224.4
60°	122.3	123.6	126.7	128.0	130.2	132.8	138.9	144.6	154.7	170.5	195.5
62.5°	106.9	110.0	111.3	112.6	114.4	117.5	121.4	127.5	136.3	149.0	168.7
65°	93.8	94.2	96.9	98.6	100.4	102.6	106.5	112.2	117.5	129.3	143.8
67.5°	81.1	82.0	82.8	84.6	86.8	89.0	92.5	95.5	102.1	110.0	121.4
70°	68.8	68.8	71.0	72.3	71.9	74.5	77.1	80.6	85.5	92.9	102.1
72.5°	57.9	57.4	59.2	59.6	60.5	62.2	64.0	67.5	70.1	75.8	82.8
75°	46.0	46.9	47.8	47.8	49.1	50.4	52.2	53.9	57.0	60.5	65.7
77.5°	36.4	36.4	37.3	37.7	39.0	38.6	40.3	42.1	44.3	47.3	51.3
80°	26.7	27.6	27.6	27.6	28.0	28.5	30.2	31.6	32.9	35.1	36.8
82.5°	18.8	18.8	19.7	19.7	19.7	20.6	20.6	21.0	21.9	23.2	24.5
85°	11.8	11.8	11.8	12.3	11.8	12.3	13.1	12.7	13.1	14.0	14.0
87.5°	5.7	5.7	5.7	5.7	5.7	6.1	5.7	6.1	6.6	6.6	6.6
90°	25.1	24.6	24.2	24.0	23.5	22.4	21.3	20.3	19.2	17.5	15.8
92.5°	25.5	25.3	25.1	25.0	24.8	24.4	23.9	23.5	23.1	22.5	21.8
95°	41.7	42.0	42.2	42.3	41.8	40.7	39.6	38.6	37.5	36.0	34.5
97.5°	52.4	52.2	52.0	51.9	51.6	50.9	50.3	49.6	49.0	45.6	42.2
100°	63.6	63.1	62.7	62.5	61.6	59.9	58.2	56.5	54.8	51.2	47.5
102.5°	68.9	68.2	67.6	67.3	66.1	63.8	61.4	59.1	56.7	95.5	134.4
105°	71.3	70.5	69.6	69.2	68.0	65.7	63.3	61.0	58.6	116.9	175.2
107.5°	73.2	72.4	71.5	71.1	69.9	67.6	65.2	62.9	60.5	132.5	204.4
110°	74.2	73.4	72.5	72.1	82.8	104.1	125.4	146.8	168.1	229.8	291.5

TEST NUMBER: P1029426

CATALOG NUMBER: S122DIW-B290D970UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	75.6	75.0	74.3	74.0	120.0	212.0	304.1	396.1	488.1	491.7	495.3
115°	109.6	124.9	140.3	148.0	197.4	296.3	395.1	494.0	592.8	587.5	582.1
117.5°	367.5	423.4	479.3	507.3	522.6	553.1	583.6	614.2	644.7	641.1	637.5
120°	643.7	672.6	701.4	715.8	714.5	712.0	709.4	706.9	704.3	700.5	696.6
122.5°	767.3	767.0	766.8	766.7	766.1	764.8	763.5	762.2	760.9	756.6	752.4
125°	820.2	819.6	818.9	818.6	817.9	816.4	814.9	813.4	811.9	807.8	803.8
127.5°	869.1	868.9	868.7	868.6	867.5	865.4	863.2	861.1	858.9	855.7	852.5
130°	914.1	914.4	914.6	914.7	913.5	911.2	908.8	906.5	904.1	901.7	899.4
132.5°	957.3	957.6	957.8	957.9	956.9	955.0	953.1	951.2	949.3	946.9	944.6
135°	999.1	999.6	1000.0	1000.2	999.1	997.0	994.9	992.7	990.6	988.7	986.7
137.5°	1038.0	1038.6	1039.3	1039.6	1038.5	1036.4	1034.3	1032.1	1030.0	1027.9	1025.7
140°	1074.3	1075.4	1076.5	1077.0	1076.0	1074.1	1072.2	1070.3	1068.4	1066.0	1063.7
142.5°	1108.9	1110.0	1111.1	1111.6	1110.7	1109.0	1107.3	1105.6	1103.9	1101.1	1098.4
145°	1140.6	1141.7	1142.8	1143.3	1142.6	1141.1	1139.6	1138.1	1136.6	1133.0	1129.4
147.5°	1169.1	1169.9	1170.8	1171.2	1170.7	1169.6	1168.5	1167.5	1166.4	1162.8	1159.2
150°	1195.4	1196.5	1197.6	1198.1	1197.5	1196.2	1194.9	1193.6	1192.3	1188.9	1185.5
152.5°	1218.4	1219.9	1221.4	1222.1	1221.5	1220.2	1218.9	1217.7	1216.4	1213.2	1210.0
155°	1239.0	1240.7	1242.4	1243.3	1242.7	1241.4	1240.1	1238.8	1237.5	1234.9	1232.4
157.5°	1258.2	1259.9	1261.6	1262.5	1261.7	1260.2	1258.7	1257.2	1255.7	1253.8	1251.9
160°	1274.1	1275.6	1277.1	1277.8	1277.2	1275.9	1274.6	1273.4	1272.1	1270.8	1269.5
162.5°	1288.4	1290.3	1292.2	1293.2	1292.5	1291.0	1289.5	1288.0	1286.5	1285.4	1284.4
165°	1301.0	1302.5	1304.0	1304.7	1304.0	1302.5	1301.0	1299.5	1298.0	1297.4	1296.7
167.5°	1310.5	1312.4	1314.3	1315.3	1314.6	1313.1	1311.6	1310.1	1308.6	1308.0	1307.3
170°	1318.2	1320.1	1322.0	1323.0	1322.3	1320.8	1319.3	1317.8	1316.3	1315.9	1315.5
172.5°	1324.0	1325.9	1327.8	1328.8	1328.0	1326.5	1325.0	1323.5	1322.0	1321.6	1321.2
175°	1327.3	1329.4	1331.5	1332.6	1331.9	1330.4	1328.9	1327.4	1325.9	1325.5	1325.1
177.5°	1328.8	1330.7	1332.6	1333.6	1332.8	1331.3	1329.8	1328.3	1326.8	1326.6	1326.4
180°	1327.8	1327.8	1327.8	1327.8	1327.8	1327.8	1327.8	1327.8	1327.8	1327.8	1327.8

TEST NUMBER: P1029426

CATALOG NUMBER: S122DIW-B290D970UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
0°	570.2	570.2	570.2	570.2	570.2	570.2	570.2	570.2	570.2	570.2	570.2
2.5°	585.1	582.9	581.6	582.5	579.8	573.3	573.3	575.4	572.8	570.2	566.2
5°	601.3	596.9	594.3	593.9	587.7	577.2	575.0	572.8	567.1	561.0	554.4
7.5°	617.1	609.2	604.8	601.7	593.0	579.4	573.7	568.9	559.7	550.5	542.1
10°	630.2	618.8	613.6	608.8	597.4	580.3	571.1	562.3	550.5	538.6	528.1
12.5°	640.7	627.6	621.0	614.0	600.0	577.6	566.2	552.2	540.4	524.6	514.1
15°	658.3	631.1	625.0	618.4	603.9	573.3	559.2	543.4	527.2	506.2	494.8
17.5°	672.3	635.9	635.5	621.5	602.6	571.5	550.0	529.4	511.9	490.9	472.9
20°	680.6	643.4	636.4	621.9	598.2	559.7	537.3	514.5	495.7	470.3	452.3
22.5°	687.6	653.9	635.5	618.0	589.0	555.7	522.9	501.4	475.5	447.9	430.8
25°	690.3	656.1	636.8	616.6	582.5	544.3	507.1	483.8	454.9	429.9	406.7
27.5°	690.7	655.6	632.0	610.9	573.3	529.4	491.3	466.8	434.8	405.8	382.6
30°	686.3	650.8	629.4	606.6	564.5	515.8	472.0	444.8	410.7	381.7	357.6
32.5°	673.2	641.2	623.7	598.7	553.1	497.0	453.6	423.4	387.4	358.9	335.7
35°	651.3	629.4	610.1	586.8	538.2	479.5	435.2	399.7	363.3	336.2	314.2
37.5°	624.1	612.3	594.3	571.5	521.1	463.7	414.6	375.2	338.8	312.5	291.0
40°	587.3	590.3	572.8	552.2	500.9	442.2	387.9	350.2	316.0	291.4	270.4
42.5°	547.4	560.1	550.0	530.3	478.6	418.5	368.1	326.5	293.2	267.8	250.2
45°	504.4	526.4	520.2	505.8	455.4	393.6	340.1	299.8	270.4	245.9	230.5
47.5°	457.5	488.7	488.7	478.1	429.5	368.6	316.0	274.8	245.9	228.3	213.4
50°	409.8	444.8	450.5	443.5	400.6	340.1	286.6	249.4	224.4	207.3	196.3
52.5°	359.8	400.6	411.1	407.6	369.9	312.9	262.5	226.1	203.4	188.5	178.8
55°	312.0	359.4	370.8	372.1	337.0	283.1	235.8	203.8	181.9	171.8	163.5
57.5°	266.9	312.5	325.2	327.4	303.7	255.9	210.8	182.8	163.0	154.7	148.1
60°	228.3	266.5	283.1	287.9	267.3	224.4	187.6	160.4	145.5	137.6	131.5
62.5°	196.8	227.5	245.0	246.3	237.1	196.8	163.5	140.7	128.0	121.0	117.9
65°	166.1	193.7	204.2	209.5	202.0	170.5	141.1	122.3	112.2	106.1	103.0
67.5°	141.6	159.1	167.9	174.9	167.4	143.8	120.1	104.7	97.3	91.2	89.4
70°	116.1	130.6	137.2	144.2	137.6	119.6	102.6	88.5	82.0	77.1	74.9
72.5°	92.9	104.3	110.4	114.8	110.9	96.0	82.0	72.3	67.5	64.0	62.7
75°	73.6	81.5	85.0	88.1	86.3	74.9	66.2	58.3	53.9	50.8	50.0
77.5°	56.1	61.8	65.7	66.6	64.4	57.0	49.5	44.7	41.2	39.4	38.6
80°	39.9	43.4	45.6	46.9	44.7	41.6	36.4	32.9	29.8	27.6	27.2
82.5°	26.7	28.5	30.2	29.8	28.9	26.3	23.2	21.5	20.2	18.4	18.4
85°	15.3	15.8	16.7	17.1	16.7	14.9	13.1	12.3	11.4	10.1	10.1
87.5°	6.6	7.0	7.0	7.5	6.6	6.6	5.7	4.8	4.8	4.4	3.9
90°	14.1	12.4	11.5	10.3	8.0	5.7	3.3	1.0	3.3	5.7	8.0
92.5°	21.2	20.5	20.2	20.6	21.5	22.3	23.2	24.0	23.2	22.3	21.5
95°	33.0	31.5	30.7	34.2	41.3	48.4	55.4	62.5	55.4	48.4	41.3
97.5°	38.7	35.3	33.6	42.4	59.9	77.4	94.9	112.4	94.9	77.4	59.9
100°	43.9	40.2	38.4	53.0	82.3	111.6	140.8	170.1	140.8	111.6	82.3
102.5°	173.2	212.1	231.5	231.7	232.2	232.6	233.1	233.5	233.1	232.6	232.2
105°	233.5	291.8	320.9	317.7	311.3	304.9	298.5	292.1	298.5	304.9	311.3
107.5°	276.4	348.3	384.3	381.6	376.3	371.0	365.6	360.3	365.6	371.0	376.3
110°	353.2	414.9	445.8	443.6	439.1	434.6	430.1	425.6	430.1	434.6	439.1

TEST NUMBER: P1029426

CATALOG NUMBER: S122DIW-B290D970UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
112.5°	499.0	502.6	504.4	502.5	498.6	494.8	490.9	487.1	490.9	494.8	498.6
115°	576.8	571.5	568.8	567.0	563.4	559.7	556.1	552.5	556.1	559.7	563.4
117.5°	633.8	630.2	628.4	626.3	622.0	617.7	613.4	609.1	613.4	617.7	622.0
120°	692.8	688.9	687.0	685.4	682.2	679.0	675.8	672.6	675.8	679.0	682.2
122.5°	748.1	743.8	741.7	740.0	736.6	733.2	729.8	726.4	729.8	733.2	736.6
125°	799.7	795.6	793.6	792.2	789.4	786.7	783.9	781.1	783.9	786.7	789.4
127.5°	849.3	846.1	844.5	843.0	840.0	837.1	834.1	831.1	834.1	837.1	840.0
130°	897.0	894.7	893.5	891.8	888.4	885.0	881.6	878.2	881.6	885.0	888.4
132.5°	942.2	939.9	938.7	937.3	934.5	931.8	929.0	926.2	929.0	931.8	934.5
135°	984.8	982.9	981.9	980.2	976.8	973.4	970.0	966.6	970.0	973.4	976.8
137.5°	1023.6	1021.5	1020.4	1019.1	1016.5	1014.0	1011.4	1008.8	1011.4	1014.0	1016.5
140°	1061.3	1059.0	1057.8	1056.9	1055.2	1053.5	1051.8	1050.1	1051.8	1053.5	1055.2
142.5°	1095.6	1092.9	1091.5	1090.7	1089.2	1087.7	1086.2	1084.7	1086.2	1087.7	1089.2
145°	1125.7	1122.1	1120.3	1120.4	1120.6	1120.8	1121.0	1121.2	1121.0	1120.8	1120.6
147.5°	1155.5	1151.9	1150.1	1150.4	1151.0	1151.7	1152.3	1152.9	1152.3	1151.7	1151.0
150°	1182.1	1178.7	1177.0	1177.7	1179.2	1180.7	1182.2	1183.7	1182.2	1180.7	1179.2
152.5°	1206.7	1203.5	1201.9	1202.8	1204.5	1206.2	1207.9	1209.6	1207.9	1206.2	1204.5
155°	1229.8	1227.3	1226.0	1227.0	1228.9	1230.8	1232.7	1234.6	1232.7	1230.8	1228.9
157.5°	1250.0	1248.1	1247.1	1248.0	1249.7	1251.4	1253.1	1254.8	1253.1	1251.4	1249.7
160°	1268.2	1266.9	1266.3	1266.9	1268.2	1269.5	1270.8	1272.1	1270.8	1269.5	1268.2
162.5°	1283.3	1282.2	1281.7	1282.3	1283.6	1284.9	1286.2	1287.5	1286.2	1284.9	1283.6
165°	1296.1	1295.4	1295.1	1295.7	1297.0	1298.3	1299.6	1300.9	1299.6	1298.3	1297.0
167.5°	1306.7	1306.0	1305.7	1306.3	1307.6	1308.9	1310.2	1311.5	1310.2	1308.9	1307.6
170°	1315.0	1314.6	1314.4	1315.0	1316.3	1317.6	1318.8	1320.1	1318.8	1317.6	1316.3
172.5°	1320.7	1320.3	1320.1	1320.7	1322.0	1323.3	1324.6	1325.9	1324.6	1323.3	1322.0
175°	1324.6	1324.2	1324.0	1324.7	1326.2	1327.7	1329.2	1330.7	1329.2	1327.7	1326.2
177.5°	1326.2	1326.0	1325.9	1326.6	1328.1	1329.6	1331.1	1332.6	1331.1	1329.6	1328.1
180°	1327.8	1327.8	1327.8	1327.8	1327.8	1327.8	1327.8	1327.8	1327.8	1327.8	1327.8

TEST NUMBER: P1029426

CATALOG NUMBER: S122DIW-B290D970UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
0°	570.2	570.2	570.2	570.2	570.2	570.2	570.2	570.2	570.2	570.2	570.2
2.5°	564.0	566.2	565.8	561.4	556.6	552.7	545.2	546.1	543.4	543.9	546.5
5°	550.0	550.0	548.3	542.1	534.2	529.9	521.5	519.3	514.1	513.6	513.2
7.5°	535.1	532.9	530.7	522.0	512.3	505.3	493.9	491.3	486.0	482.5	480.8
10°	517.6	514.5	510.1	500.1	488.2	479.5	467.6	464.1	454.0	449.7	447.0
12.5°	498.3	496.6	489.5	481.2	461.9	452.3	435.2	438.7	428.6	419.9	418.5
15°	479.0	472.5	468.5	454.9	431.7	427.3	413.7	406.7	397.5	390.5	390.5
17.5°	460.2	450.1	441.3	426.9	409.8	397.5	387.4	383.9	372.5	365.5	364.2
20°	435.2	423.8	421.6	401.0	389.2	375.6	366.0	357.2	348.9	345.8	343.6
22.5°	411.5	398.4	394.9	377.3	365.5	351.9	342.3	336.2	330.0	327.8	323.9
25°	386.1	378.2	373.0	354.1	341.0	328.3	321.7	317.3	311.6	311.2	308.5
27.5°	361.6	354.1	348.9	330.9	321.2	309.4	304.2	299.3	296.3	295.0	293.6
30°	340.5	332.2	326.1	312.9	301.1	291.4	287.1	284.0	282.2	280.1	279.6
32.5°	317.3	312.5	304.2	294.1	284.9	275.7	273.0	270.8	268.2	267.3	266.9
35°	297.6	291.0	285.7	274.4	270.4	262.5	259.5	257.7	254.2	253.3	252.4
37.5°	278.3	272.2	266.5	259.5	252.0	247.6	245.9	243.2	241.5	241.9	241.0
40°	259.0	254.2	249.8	242.4	238.0	235.8	232.3	229.7	228.8	229.2	228.8
42.5°	240.2	235.8	233.2	227.5	223.1	220.9	218.7	216.1	217.4	217.4	218.7
45°	223.1	219.1	217.4	213.0	210.4	206.9	204.7	204.2	206.0	205.5	205.5
47.5°	205.5	204.2	202.0	198.1	194.6	192.4	192.0	192.0	193.7	194.6	194.2
50°	192.0	189.3	186.7	183.6	181.0	180.1	178.8	179.7	181.4	181.4	182.3
52.5°	174.9	173.1	172.2	169.6	167.9	167.9	167.9	168.3	169.6	170.9	170.5
55°	160.0	158.7	157.8	156.5	154.3	154.7	154.3	155.1	156.5	157.8	158.7
57.5°	144.2	143.8	142.9	140.7	140.7	140.2	141.6	142.0	144.2	145.1	146.4
60°	130.2	128.9	128.9	127.1	127.1	127.1	128.4	129.7	131.5	131.9	132.8
62.5°	115.3	115.3	114.8	113.5	113.5	114.8	115.3	117.0	117.9	117.9	119.2
65°	101.2	100.8	100.4	100.8	101.2	101.2	102.6	103.4	104.3	104.7	105.2
67.5°	87.2	86.8	87.7	87.2	88.1	89.8	89.4	90.7	92.0	92.0	92.5
70°	74.1	74.9	74.5	75.4	74.9	75.8	77.1	77.6	77.6	78.0	79.3
72.5°	61.8	61.8	61.8	61.4	61.8	62.7	63.5	64.0	64.9	65.3	66.6
75°	50.0	50.0	49.1	50.0	50.0	50.8	51.7	51.7	51.7	52.6	53.9
77.5°	37.7	38.1	37.7	38.6	38.6	39.0	39.9	39.4	40.3	40.8	41.2
80°	27.6	27.2	27.2	27.2	27.6	27.6	28.5	28.9	28.9	30.2	29.4
82.5°	17.5	18.0	17.5	18.0	18.0	18.4	18.0	18.4	18.8	19.7	19.3
85°	10.1	9.6	9.6	10.1	9.6	9.6	10.1	9.6	10.1	9.6	10.1
87.5°	3.9	3.5	3.5	3.5	3.5	3.1	3.1	2.6	2.6	2.6	2.2
90°	10.3	11.5	12.4	14.1	15.8	17.5	19.2	20.3	21.3	22.4	23.5
92.5°	20.6	20.2	20.5	21.2	21.8	22.5	23.1	23.5	23.9	24.4	24.8
95°	34.2	30.7	31.5	33.0	34.5	36.0	37.5	38.6	39.6	40.7	41.8
97.5°	42.4	33.6	35.3	38.7	42.2	45.6	49.0	49.6	50.3	50.9	51.6
100°	53.0	38.4	40.2	43.9	47.5	51.2	54.8	56.5	58.2	59.9	61.6
102.5°	231.7	231.5	212.1	173.2	134.4	95.5	56.7	59.1	61.4	63.8	66.1
105°	317.7	320.9	291.8	233.5	175.2	116.9	58.6	61.0	63.3	65.7	68.0
107.5°	381.6	384.3	348.3	276.4	204.4	132.5	60.5	62.9	65.2	67.6	69.9
110°	443.6	445.8	414.9	353.2	291.5	229.8	168.1	146.8	125.4	104.1	82.8

TEST NUMBER: P1029426

CATALOG NUMBER: S122DIW-B290D970UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
112.5°	502.5	504.4	502.6	499.0	495.3	491.7	488.1	396.1	304.1	212.0	120.0
115°	567.0	568.8	571.5	576.8	582.1	587.5	592.8	494.0	395.1	296.3	197.4
117.5°	626.3	628.4	630.2	633.8	637.5	641.1	644.7	614.2	583.6	553.1	522.6
120°	685.4	687.0	688.9	692.8	696.6	700.5	704.3	706.9	709.4	712.0	714.5
122.5°	740.0	741.7	743.8	748.1	752.4	756.6	760.9	762.2	763.5	764.8	766.1
125°	792.2	793.6	795.6	799.7	803.8	807.8	811.9	813.4	814.9	816.4	817.9
127.5°	843.0	844.5	846.1	849.3	852.5	855.7	858.9	861.1	863.2	865.4	867.5
130°	891.8	893.5	894.7	897.0	899.4	901.7	904.1	906.5	908.8	911.2	913.5
132.5°	937.3	938.7	939.9	942.2	944.6	946.9	949.3	951.2	953.1	955.0	956.9
135°	980.2	981.9	982.9	984.8	986.7	988.7	990.6	992.7	994.9	997.0	999.1
137.5°	1019.1	1020.4	1021.5	1023.6	1025.7	1027.9	1030.0	1032.1	1034.3	1036.4	1038.5
140°	1056.9	1057.8	1059.0	1061.3	1063.7	1066.0	1068.4	1070.3	1072.2	1074.1	1076.0
142.5°	1090.7	1091.5	1092.9	1095.6	1098.4	1101.1	1103.9	1105.6	1107.3	1109.0	1110.7
145°	1120.4	1120.3	1122.1	1125.7	1129.4	1133.0	1136.6	1138.1	1139.6	1141.1	1142.6
147.5°	1150.4	1150.1	1151.9	1155.5	1159.2	1162.8	1166.4	1167.5	1168.5	1169.6	1170.7
150°	1177.7	1177.0	1178.7	1182.1	1185.5	1188.9	1192.3	1193.6	1194.9	1196.2	1197.5
152.5°	1202.8	1201.9	1203.5	1206.7	1210.0	1213.2	1216.4	1217.7	1218.9	1220.2	1221.5
155°	1227.0	1226.0	1227.3	1229.8	1232.4	1234.9	1237.5	1238.8	1240.1	1241.4	1242.7
157.5°	1248.0	1247.1	1248.1	1250.0	1251.9	1253.8	1255.7	1257.2	1258.7	1260.2	1261.7
160°	1266.9	1266.3	1266.9	1268.2	1269.5	1270.8	1272.1	1273.4	1274.6	1275.9	1277.2
162.5°	1282.3	1281.7	1282.2	1283.3	1284.4	1285.4	1286.5	1288.0	1289.5	1291.0	1292.5
165°	1295.7	1295.1	1295.4	1296.1	1296.7	1297.4	1298.0	1299.5	1301.0	1302.5	1304.0
167.5°	1306.3	1305.7	1306.0	1306.7	1307.3	1308.0	1308.6	1310.1	1311.6	1313.1	1314.6
170°	1315.0	1314.4	1314.6	1315.0	1315.5	1315.9	1316.3	1317.8	1319.3	1320.8	1322.3
172.5°	1320.7	1320.1	1320.3	1320.7	1321.2	1321.6	1322.0	1323.5	1325.0	1326.5	1328.0
175°	1324.7	1324.0	1324.2	1324.6	1325.1	1325.5	1325.9	1327.4	1328.9	1330.4	1331.9
177.5°	1326.6	1325.9	1326.0	1326.2	1326.4	1326.6	1326.8	1328.3	1329.8	1331.3	1332.8
180°	1327.8	1327.8	1327.8	1327.8	1327.8	1327.8	1327.8	1327.8	1327.8	1327.8	1327.8

TEST NUMBER: P1029426

CATALOG NUMBER: S122DIW-B290D970UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
0°	570.2	570.2	570.2	570.2	570.2	570.2	570.2	570.2	570.2	570.2	570.2
2.5°	543.4	544.8	541.7	540.8	541.7	538.6	539.5	540.4	540.4	541.7	542.6
5°	511.9	510.1	507.1	506.2	505.3	506.6	505.8	507.1	507.5	510.6	511.0
7.5°	480.8	478.1	475.5	472.9	472.0	469.8	472.0	472.0	475.1	474.2	476.4
10°	444.0	443.5	440.0	438.7	437.0	433.4	438.3	437.0	439.1	443.1	444.0
12.5°	416.8	412.0	414.2	408.0	410.2	406.7	407.1	407.1	410.7	411.1	410.2
15°	390.9	387.0	381.3	378.7	377.3	375.6	381.3	381.7	379.1	385.2	383.0
17.5°	364.6	364.6	359.4	358.1	354.6	356.3	355.4	355.9	355.0	359.4	361.6
20°	341.8	339.7	337.9	338.3	334.0	333.1	332.2	333.1	336.2	339.2	340.1
22.5°	323.4	322.1	317.7	318.6	315.1	316.4	315.6	317.7	318.2	318.2	321.2
25°	305.9	304.2	304.6	302.8	301.5	301.5	300.2	301.5	303.3	304.2	304.6
27.5°	292.8	291.4	289.3	287.9	288.8	286.6	288.4	289.7	289.7	288.8	289.7
30°	277.0	277.9	277.9	273.5	275.2	274.4	275.7	276.5	276.5	277.0	276.1
32.5°	266.5	263.8	263.4	263.0	263.0	261.2	261.2	262.5	263.0	263.4	264.7
35°	252.4	252.4	250.2	251.6	249.8	250.2	249.8	250.2	251.1	249.8	251.1
37.5°	239.7	240.2	239.3	240.2	240.6	239.7	238.9	240.6	239.7	239.7	238.9
40°	228.8	228.3	228.8	228.8	228.8	229.2	228.3	228.3	228.3	227.5	226.6
42.5°	219.6	216.9	217.8	218.3	216.9	216.9	217.4	216.9	218.3	215.6	215.6
45°	206.4	205.5	206.0	206.0	206.9	205.5	206.4	206.9	205.5	205.1	204.2
47.5°	194.6	195.5	194.6	195.5	195.5	196.3	194.6	195.0	195.5	193.7	192.4
50°	182.8	182.8	184.1	183.6	184.1	183.2	183.2	182.8	183.2	182.3	181.0
52.5°	171.8	170.5	172.7	172.2	171.8	171.4	170.9	171.4	170.5	169.6	169.6
55°	158.2	158.2	159.5	160.0	160.0	159.1	158.2	158.7	158.2	157.8	157.3
57.5°	147.3	145.5	146.4	146.8	146.8	145.5	146.4	145.5	145.5	145.9	144.6
60°	133.2	133.2	132.4	133.7	133.7	132.8	132.8	133.2	132.4	131.9	131.5
62.5°	118.3	118.8	120.1	120.5	121.0	120.1	119.2	119.6	119.6	118.3	118.8
65°	105.6	106.5	108.3	107.8	106.9	107.4	106.5	106.9	105.6	106.1	104.7
67.5°	93.4	92.9	93.4	93.4	94.2	93.8	92.9	92.9	92.5	93.8	92.5
70°	80.2	80.2	80.2	80.2	80.6	81.1	80.2	79.3	79.8	78.9	78.4
72.5°	66.6	67.1	66.6	67.5	66.2	67.1	67.1	66.6	66.2	66.2	66.2
75°	53.9	54.8	53.5	53.9	53.5	54.3	53.9	53.9	53.0	52.6	53.0
77.5°	41.2	41.6	40.8	41.2	40.8	41.2	41.2	40.8	40.8	40.8	40.8
80°	29.4	29.8	29.4	28.9	28.5	29.4	28.5	28.9	29.4	28.9	29.8
82.5°	18.8	18.8	18.4	18.8	18.0	18.0	18.4	18.4	18.0	18.8	18.0
85°	9.2	9.2	10.1	9.2	8.8	8.8	8.8	9.2	8.8	9.6	9.2
87.5°	2.2	1.8	2.2	2.2	1.8	1.8	2.2	1.8	2.2	2.6	1.8
90°	24.0	24.2	24.6	25.1	25.5	25.9	25.5	25.1	24.6	24.2	24.0
92.5°	25.0	25.1	25.3	25.5	25.7	25.9	25.7	25.5	25.3	25.1	25.0
95°	42.3	42.2	42.0	41.7	41.5	41.3	41.5	41.7	42.0	42.2	42.3
97.5°	51.9	52.0	52.2	52.4	52.6	52.8	52.6	52.4	52.2	52.0	51.9
100°	62.5	62.7	63.1	63.6	64.0	64.4	64.0	63.6	63.1	62.7	62.5
102.5°	67.3	67.6	68.2	68.9	69.5	70.1	69.5	68.9	68.2	67.6	67.3
105°	69.2	69.6	70.5	71.3	72.2	73.0	72.2	71.3	70.5	69.6	69.2
107.5°	71.1	71.5	72.4	73.2	74.1	74.9	74.1	73.2	72.4	71.5	71.1
110°	72.1	72.5	73.4	74.2	75.1	75.9	75.1	74.2	73.4	72.5	72.1

TEST NUMBER: P1029426

CATALOG NUMBER: S122DIW-B290D970UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
112.5°	74.0	74.3	75.0	75.6	76.3	76.9	76.3	75.6	75.0	74.3	74.0
115°	148.0	140.3	124.9	109.6	94.2	78.8	94.2	109.6	124.9	140.3	148.0
117.5°	507.3	479.3	423.4	367.5	311.5	255.6	311.5	367.5	423.4	479.3	507.3
120°	715.8	701.4	672.6	643.7	614.9	586.1	614.9	643.7	672.6	701.4	715.8
122.5°	766.7	766.8	767.0	767.3	767.5	767.7	767.5	767.3	767.0	766.8	766.7
125°	818.6	818.9	819.6	820.2	820.9	821.5	820.9	820.2	819.6	818.9	818.6
127.5°	868.6	868.7	868.9	869.1	869.3	869.5	869.3	869.1	868.9	868.7	868.6
130°	914.7	914.6	914.4	914.1	913.9	913.7	913.9	914.1	914.4	914.6	914.7
132.5°	957.9	957.8	957.6	957.3	957.1	956.9	957.1	957.3	957.6	957.8	957.9
135°	1000.2	1000.0	999.6	999.1	998.7	998.3	998.7	999.1	999.6	1000.0	1000.2
137.5°	1039.6	1039.3	1038.6	1038.0	1037.3	1036.7	1037.3	1038.0	1038.6	1039.3	1039.6
140°	1077.0	1076.5	1075.4	1074.3	1073.3	1072.2	1073.3	1074.3	1075.4	1076.5	1077.0
142.5°	1111.6	1111.1	1110.0	1108.9	1107.9	1106.8	1107.9	1108.9	1110.0	1111.1	1111.6
145°	1143.3	1142.8	1141.7	1140.6	1139.6	1138.5	1139.6	1140.6	1141.7	1142.8	1143.3
147.5°	1171.2	1170.8	1169.9	1169.1	1168.2	1167.4	1168.2	1169.1	1169.9	1170.8	1171.2
150°	1198.1	1197.6	1196.5	1195.4	1194.4	1193.3	1194.4	1195.4	1196.5	1197.6	1198.1
152.5°	1222.1	1221.4	1219.9	1218.4	1216.9	1215.4	1216.9	1218.4	1219.9	1221.4	1222.1
155°	1243.3	1242.4	1240.7	1239.0	1237.3	1235.6	1237.3	1239.0	1240.7	1242.4	1243.3
157.5°	1262.5	1261.6	1259.9	1258.2	1256.5	1254.8	1256.5	1258.2	1259.9	1261.6	1262.5
160°	1277.8	1277.1	1275.6	1274.1	1272.6	1271.1	1272.6	1274.1	1275.6	1277.1	1277.8
162.5°	1293.2	1292.2	1290.3	1288.4	1286.5	1284.6	1286.5	1288.4	1290.3	1292.2	1293.2
165°	1304.7	1304.0	1302.5	1301.0	1299.5	1298.0	1299.5	1301.0	1302.5	1304.0	1304.7
167.5°	1315.3	1314.3	1312.4	1310.5	1308.6	1306.7	1308.6	1310.5	1312.4	1314.3	1315.3
170°	1323.0	1322.0	1320.1	1318.2	1316.3	1314.4	1316.3	1318.2	1320.1	1322.0	1323.0
172.5°	1328.8	1327.8	1325.9	1324.0	1322.0	1320.1	1322.0	1324.0	1325.9	1327.8	1328.8
175°	1332.6	1331.5	1329.4	1327.3	1325.1	1323.0	1325.1	1327.3	1329.4	1331.5	1332.6
177.5°	1333.6	1332.6	1330.7	1328.8	1326.8	1324.9	1326.8	1328.8	1330.7	1332.6	1333.6
180°	1327.8	1327.8	1327.8	1327.8	1327.8	1327.8	1327.8	1327.8	1327.8	1327.8	1327.8

TEST NUMBER: P1029426

CATALOG NUMBER: S122DIW-B290D970UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
0°	570.2	570.2	570.2	570.2	570.2	570.2	570.2	570.2	570.2	570.2	570.2
2.5°	541.3	544.8	543.4	538.6	544.3	544.3	548.3	548.3	553.1	554.8	557.5
5°	510.6	513.2	515.4	513.2	517.2	523.3	526.8	529.9	536.4	539.1	543.0
7.5°	477.7	482.5	484.7	484.7	491.3	498.3	505.3	509.7	518.9	522.4	526.4
10°	445.7	451.4	455.8	455.4	466.3	470.7	479.5	489.5	498.7	504.0	509.7
12.5°	412.0	415.0	421.2	429.9	432.6	440.5	450.5	463.2	479.9	484.7	493.0
15°	383.9	392.2	397.1	401.0	407.1	414.6	425.6	437.8	454.5	465.0	473.8
17.5°	360.3	371.2	374.3	373.4	381.3	392.7	405.4	414.6	429.5	442.2	450.5
20°	341.0	345.4	350.6	352.8	358.9	371.2	383.5	394.0	406.3	416.4	426.0
22.5°	321.7	325.2	329.6	333.5	338.3	345.4	357.2	370.3	382.2	391.8	402.8
25°	305.9	308.1	312.0	315.1	320.4	325.2	333.5	348.0	362.0	367.7	377.3
27.5°	290.6	292.3	295.0	298.5	301.1	305.9	313.4	325.2	339.7	345.4	358.5
30°	277.0	278.3	280.9	282.7	284.0	289.7	295.4	304.6	315.6	323.4	333.1
32.5°	264.3	265.6	268.2	268.7	270.4	273.5	278.7	287.1	296.7	303.3	311.6
35°	250.2	251.1	253.8	254.6	255.9	258.6	262.5	268.7	277.4	282.2	289.7
37.5°	239.3	238.9	240.6	241.9	243.7	245.0	246.3	252.4	259.0	263.4	269.1
40°	227.5	226.6	227.0	228.8	229.7	231.4	231.4	237.5	241.9	245.4	249.8
42.5°	215.6	215.2	214.3	215.2	216.1	216.5	216.9	221.3	225.7	228.8	233.6
45°	203.8	203.4	202.5	202.9	202.9	203.8	205.1	206.9	209.9	212.6	215.2
47.5°	192.8	192.0	190.6	190.2	191.1	191.1	191.1	192.8	195.9	196.8	199.4
50°	181.4	180.1	178.4	177.5	177.5	177.1	177.9	178.4	181.0	181.9	184.1
52.5°	169.2	168.3	166.5	164.8	165.2	164.3	164.8	165.2	166.1	167.4	168.7
55°	156.9	155.1	153.8	153.4	152.1	152.1	150.8	152.5	152.1	152.5	154.3
57.5°	145.1	143.3	141.1	140.2	138.9	138.5	137.6	137.2	137.6	138.9	140.2
60°	131.0	130.2	128.9	127.5	126.7	125.3	124.5	124.5	124.0	124.0	124.5
62.5°	117.5	117.0	115.3	114.8	113.9	113.1	111.8	110.9	110.9	111.8	112.2
65°	104.3	103.9	102.6	102.1	99.9	99.0	98.6	98.2	97.3	97.3	97.3
67.5°	92.0	90.7	90.7	88.5	86.8	85.9	85.0	84.6	84.6	84.6	85.0
70°	78.4	78.4	77.1	75.8	74.1	74.5	73.2	71.9	71.9	71.0	71.4
72.5°	65.3	64.9	63.5	63.1	61.8	60.5	59.6	60.5	59.2	58.7	59.2
75°	52.6	52.2	51.3	50.4	50.8	49.5	48.2	47.8	47.8	46.9	46.9
77.5°	40.3	41.2	39.4	39.0	38.1	37.3	36.8	36.4	36.4	36.4	37.3
80°	28.0	28.5	28.5	27.6	28.0	26.7	26.7	26.7	25.4	25.9	26.3
82.5°	18.0	18.0	17.5	18.0	17.5	17.5	17.1	17.1	16.7	16.7	17.1
85°	10.1	9.6	9.2	10.1	9.6	9.6	9.2	9.2	9.2	9.2	9.2
87.5°	2.2	2.6	2.6	2.6	2.6	3.1	3.1	3.1	3.5	3.5	3.5
90°	23.5	22.4	21.3	20.3	19.2	17.5	15.8	14.1	12.4	11.5	10.3
92.5°	24.8	24.4	23.9	23.5	23.1	22.5	21.8	21.2	20.5	20.2	20.6
95°	41.8	40.7	39.6	38.6	37.5	36.0	34.5	33.0	31.5	30.7	34.2
97.5°	51.6	50.9	50.3	49.6	49.0	45.6	42.2	38.7	35.3	33.6	42.4
100°	61.6	59.9	58.2	56.5	54.8	51.2	47.5	43.9	40.2	38.4	53.0
102.5°	66.1	63.8	61.4	59.1	56.7	95.5	134.4	173.2	212.1	231.5	231.7
105°	68.0	65.7	63.3	61.0	58.6	116.9	175.2	233.5	291.8	320.9	317.7
107.5°	69.9	67.6	65.2	62.9	60.5	132.5	204.4	276.4	348.3	384.3	381.6
110°	82.8	104.1	125.4	146.8	168.1	229.8	291.5	353.2	414.9	445.8	443.6

TEST NUMBER: P1029426

CATALOG NUMBER: S122DIW-B290D970UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
112.5°	120.0	212.0	304.1	396.1	488.1	491.7	495.3	499.0	502.6	504.4	502.5
115°	197.4	296.3	395.1	494.0	592.8	587.5	582.1	576.8	571.5	568.8	567.0
117.5°	522.6	553.1	583.6	614.2	644.7	641.1	637.5	633.8	630.2	628.4	626.3
120°	714.5	712.0	709.4	706.9	704.3	700.5	696.6	692.8	688.9	687.0	685.4
122.5°	766.1	764.8	763.5	762.2	760.9	756.6	752.4	748.1	743.8	741.7	740.0
125°	817.9	816.4	814.9	813.4	811.9	807.8	803.8	799.7	795.6	793.6	792.2
127.5°	867.5	865.4	863.2	861.1	858.9	855.7	852.5	849.3	846.1	844.5	843.0
130°	913.5	911.2	908.8	906.5	904.1	901.7	899.4	897.0	894.7	893.5	891.8
132.5°	956.9	955.0	953.1	951.2	949.3	946.9	944.6	942.2	939.9	938.7	937.3
135°	999.1	997.0	994.9	992.7	990.6	988.7	986.7	984.8	982.9	981.9	980.2
137.5°	1038.5	1036.4	1034.3	1032.1	1030.0	1027.9	1025.7	1023.6	1021.5	1020.4	1019.1
140°	1076.0	1074.1	1072.2	1070.3	1068.4	1066.0	1063.7	1061.3	1059.0	1057.8	1056.9
142.5°	1110.7	1109.0	1107.3	1105.6	1103.9	1101.1	1098.4	1095.6	1092.9	1091.5	1090.7
145°	1142.6	1141.1	1139.6	1138.1	1136.6	1133.0	1129.4	1125.7	1122.1	1120.3	1120.4
147.5°	1170.7	1169.6	1168.5	1167.5	1166.4	1162.8	1159.2	1155.5	1151.9	1150.1	1150.4
150°	1197.5	1196.2	1194.9	1193.6	1192.3	1188.9	1185.5	1182.1	1178.7	1177.0	1177.7
152.5°	1221.5	1220.2	1218.9	1217.7	1216.4	1213.2	1210.0	1206.7	1203.5	1201.9	1202.8
155°	1242.7	1241.4	1240.1	1238.8	1237.5	1234.9	1232.4	1229.8	1227.3	1226.0	1227.0
157.5°	1261.7	1260.2	1258.7	1257.2	1255.7	1253.8	1251.9	1250.0	1248.1	1247.1	1248.0
160°	1277.2	1275.9	1274.6	1273.4	1272.1	1270.8	1269.5	1268.2	1266.9	1266.3	1266.9
162.5°	1292.5	1291.0	1289.5	1288.0	1286.5	1285.4	1284.4	1283.3	1282.2	1281.7	1282.3
165°	1304.0	1302.5	1301.0	1299.5	1298.0	1297.4	1296.7	1296.1	1295.4	1295.1	1295.7
167.5°	1314.6	1313.1	1311.6	1310.1	1308.6	1308.0	1307.3	1306.7	1306.0	1305.7	1306.3
170°	1322.3	1320.8	1319.3	1317.8	1316.3	1315.9	1315.5	1315.0	1314.6	1314.4	1315.0
172.5°	1328.0	1326.5	1325.0	1323.5	1322.0	1321.6	1321.2	1320.7	1320.3	1320.1	1320.7
175°	1331.9	1330.4	1328.9	1327.4	1325.9	1325.5	1325.1	1324.6	1324.2	1324.0	1324.7
177.5°	1332.8	1331.3	1329.8	1328.3	1326.8	1326.6	1326.4	1326.2	1326.0	1325.9	1326.6
180°	1327.8	1327.8	1327.8	1327.8	1327.8	1327.8	1327.8	1327.8	1327.8	1327.8	1327.8

TEST NUMBER: P1029426

CATALOG NUMBER: S122DIW-B290D970UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
0°	570.2	570.2	570.2	570.2
2.5°	559.7	559.7	566.2	573.3
5°	547.4	550.5	561.0	570.6
7.5°	535.6	540.8	554.0	566.2
10°	521.1	528.1	544.3	558.8
12.5°	507.1	513.6	532.5	548.7
15°	487.4	495.7	515.8	536.0
17.5°	467.6	476.0	500.5	524.2
20°	444.4	455.4	483.0	514.5
22.5°	422.9	436.5	467.2	492.6
25°	399.3	420.3	448.8	481.7
27.5°	378.2	399.3	428.2	461.5
30°	354.6	376.0	405.8	436.5
32.5°	331.8	351.5	380.4	418.1
35°	308.1	326.9	355.0	393.1
37.5°	286.6	305.0	335.7	370.8
40°	265.6	284.9	311.2	346.2
42.5°	245.9	263.0	286.6	321.7
45°	227.9	240.2	262.1	295.0
47.5°	209.1	220.0	240.2	273.0
50°	191.5	200.7	218.3	248.9
52.5°	174.4	182.3	198.5	223.1
55°	159.1	166.5	178.4	202.5
57.5°	143.3	149.0	160.4	179.7
60°	128.0	133.2	142.4	158.2
62.5°	112.6	117.0	125.8	138.5
65°	99.0	102.6	109.1	120.1
67.5°	85.9	88.1	93.4	102.1
70°	73.2	74.9	79.3	86.3
72.5°	59.6	61.4	66.2	71.0
75°	48.2	48.6	52.2	56.1
77.5°	37.7	37.3	39.9	43.0
80°	25.9	27.2	29.4	30.7
82.5°	17.5	18.0	18.8	19.7
85°	9.6	10.1	10.1	11.4
87.5°	3.9	4.4	4.4	4.8
90°	8.0	5.7	3.3	1.0
92.5°	21.5	22.3	23.2	24.0
95°	41.3	48.4	55.4	62.5
97.5°	59.9	77.4	94.9	112.4
100°	82.3	111.6	140.8	170.1
102.5°	232.2	232.6	233.1	233.5
105°	311.3	304.9	298.5	292.1
107.5°	376.3	371.0	365.6	360.3
110°	439.1	434.6	430.1	425.6

TEST NUMBER: P1029426

CATALOG NUMBER: S122DIW-B290D970UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
112.5°	498.6	494.8	490.9	487.1
115°	563.4	559.7	556.1	552.5
117.5°	622.0	617.7	613.4	609.1
120°	682.2	679.0	675.8	672.6
122.5°	736.6	733.2	729.8	726.4
125°	789.4	786.7	783.9	781.1
127.5°	840.0	837.1	834.1	831.1
130°	888.4	885.0	881.6	878.2
132.5°	934.5	931.8	929.0	926.2
135°	976.8	973.4	970.0	966.6
137.5°	1016.5	1014.0	1011.4	1008.8
140°	1055.2	1053.5	1051.8	1050.1
142.5°	1089.2	1087.7	1086.2	1084.7
145°	1120.6	1120.8	1121.0	1121.2
147.5°	1151.0	1151.7	1152.3	1152.9
150°	1179.2	1180.7	1182.2	1183.7
152.5°	1204.5	1206.2	1207.9	1209.6
155°	1228.9	1230.8	1232.7	1234.6
157.5°	1249.7	1251.4	1253.1	1254.8
160°	1268.2	1269.5	1270.8	1272.1
162.5°	1283.6	1284.9	1286.2	1287.5
165°	1297.0	1298.3	1299.6	1300.9
167.5°	1307.6	1308.9	1310.2	1311.5
170°	1316.3	1317.6	1318.8	1320.1
172.5°	1322.0	1323.3	1324.6	1325.9
175°	1326.2	1327.7	1329.2	1330.7
177.5°	1328.1	1329.6	1331.1	1332.6
180°	1327.8	1327.8	1327.8	1327.8

(END OF REPORT)