

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: P1029306

Luminaire Tested: S122DIW-B290D1240UB2750-4F0-XX-W2A-A_2700K

Issue Date: 5/6/2025

Test Information

Test Method: LM-79-2019
Report Number: P1029306
REPORT IS A COMBINATION OF REPORTS P985487 AND P1007351
Test Lab: INNOVATION CENTER
Issue Date: 5/6/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: NEO-RAY
Catalog Number: S122DIW-B290D1240UB2750-4F0-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

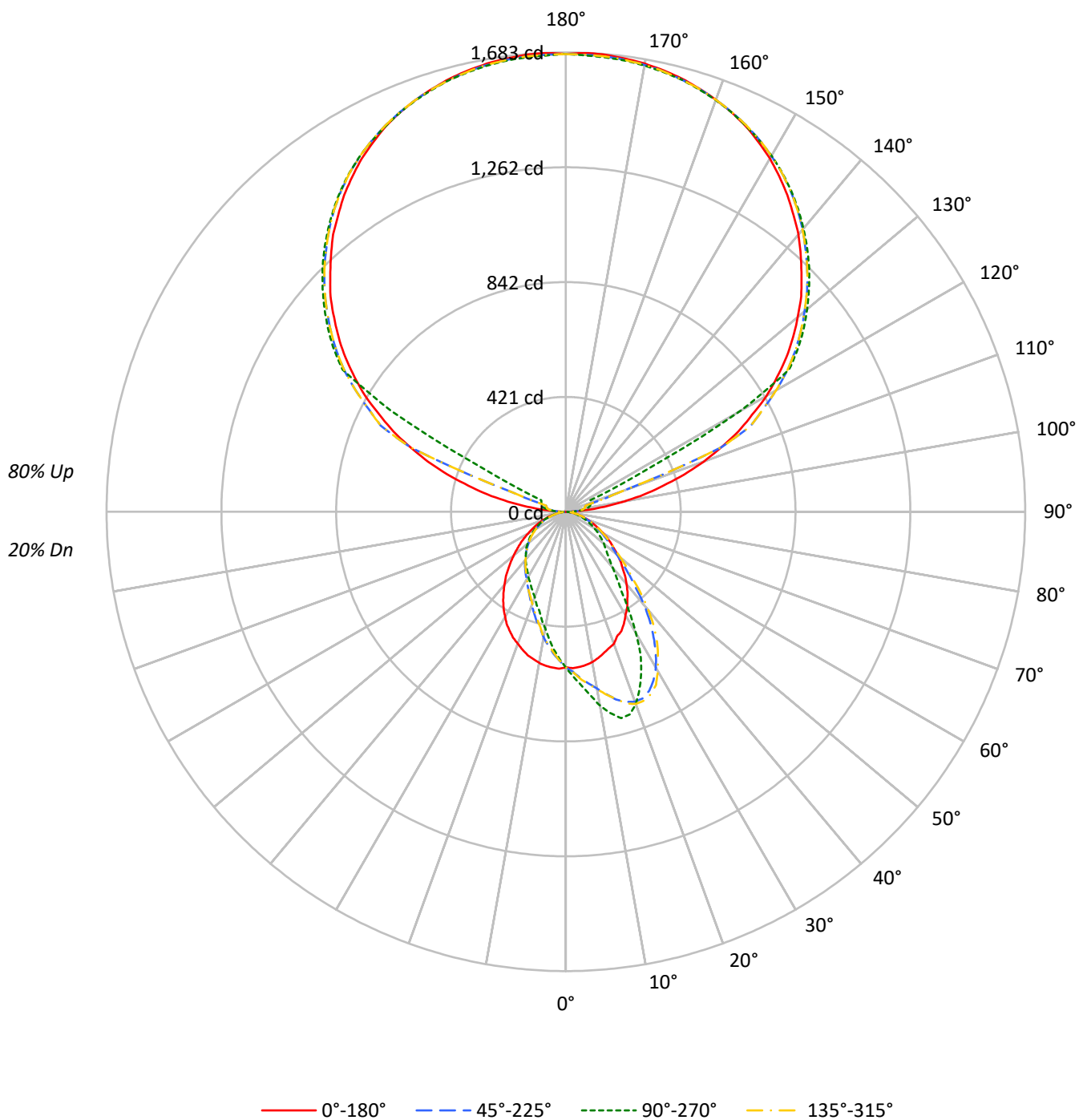
Lumens per Lamp: N/A
Luminaire Lumens: 6177.0 lumens
Efficiency: N/A
Efficacy: 112.1 lumens/watt
Spacing Criteria (0/90/45): 1.16 / 1.09 / 1.23
Luminous Opening: Rectangular w/ Sides (W: 0.17' x L: 4' x H: 0.1')
CIE Type: Semi-Indirect

Input Watts (W): 55.1
Input Voltage (V):
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT

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Luminous Intensity Polar Plot



TEST NUMBER: P1029306

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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20					20					20					20
RC	80				70					50					30					10
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10
RCR																				
0	100	100	100	100	89	89	89	89	67	67	67	47	47	47	29	29	29	29	29	29
1	91	87	84	80	81	77	74	72	59	57	55	42	40	39	26	25	25	25	25	18
2	83	76	71	66	73	68	63	59	52	48	46	37	35	33	23	22	21	21	21	15
3	76	67	60	55	67	60	54	49	46	42	39	33	30	28	20	19	18	18	18	13
4	70	59	52	46	61	53	47	42	41	36	33	29	26	24	18	17	16	16	16	11
5	64	53	45	40	56	47	41	36	36	32	28	26	23	21	17	15	14	14	14	10
6	59	47	40	34	52	42	36	31	33	28	25	24	21	18	15	14	12	12	12	9
7	54	43	35	30	48	38	32	27	29	25	22	21	18	16	14	12	11	11	11	8
8	50	39	31	26	44	34	28	24	27	22	19	20	17	14	13	11	10	10	10	7
9	47	35	28	23	41	31	25	21	24	20	17	18	15	13	12	10	9	9	9	6
10	43	32	25	21	38	29	23	19	22	18	15	16	14	12	11	9	8	8	8	6

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

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	54.3	0.9
10°-20°	158.1	2.6
20°-30°	229.4	3.7
30°-40°	241.8	3.9
40°-50°	214.0	3.5
50°-60°	170.9	2.8
60°-70°	116.1	1.9
70°-80°	59.4	1.0
80°-90°	17.0	0.3
90°-100°	55.3	0.9
100°-110°	206.1	3.3
110°-120°	546.7	8.9
120°-130°	906.7	14.7
130°-140°	963.1	15.6
140°-150°	895.1	14.5
150°-160°	719.6	11.7
160°-170°	463.7	7.5
170°-180°	159.6	2.6
0°-30°	441.8	7.2
0°-40°	683.6	11.1
0°-60°	1068.5	17.3
0°-90°	1261.0	20.4
90°-120°	808.1	13.1
90°-150°	3573.1	57.8
90°-180°	4916.0	79.6
0°-180°	6177.0	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	33	1	33	1	5
95°	79	52	79	52	79	93
105°	369	92	369	92	369	394
115°	698	100	698	100	698	687
125°	986	1037	986	1037	986	880
135°	1221	1261	1221	1261	1221	943
145°	1416	1438	1416	1438	1416	886
155°	1559	1560	1559	1560	1559	718
165°	1643	1639	1643	1639	1643	464
175°	1680	1671	1680	1671	1680	160
180°	1677	1677	1677	1677	1677	

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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°	1.2	4.2	7.2	10.1	13.1	14.6	15.7	17.8	20.0	22.1	24.3
92.5°	30.3	29.2	28.2	27.1	26.0	25.5	25.9	26.7	27.5	28.3	29.1
95°	78.9	70.0	61.1	52.2	43.3	38.8	39.7	41.6	43.5	45.4	47.3
97.5°	142.0	119.9	97.8	75.7	53.6	42.5	44.7	49.0	53.3	57.6	61.9
100°	214.8	177.8	140.9	103.9	67.0	48.5	50.8	55.4	60.0	64.6	69.2
102.5°	294.9	294.3	293.8	293.2	292.7	292.4	267.9	218.8	169.7	120.7	71.6
105°	368.9	377.0	385.1	393.2	401.3	405.3	368.5	294.9	221.2	147.6	74.0
107.5°	455.0	461.8	468.5	475.3	482.0	485.4	440.0	349.1	258.2	167.3	76.4
110°	537.5	543.2	548.8	554.5	560.2	563.0	524.0	446.1	368.2	290.2	212.3

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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	615.2	620.0	624.9	629.7	634.6	637.0	634.7	630.1	625.6	621.0	616.4
115°	697.7	702.3	706.9	711.4	716.0	718.3	721.7	728.4	735.2	741.9	748.7
117.5°	769.3	774.7	780.1	785.4	790.8	793.5	795.8	800.4	805.0	809.6	814.2
120°	849.4	853.4	857.5	861.5	865.6	867.6	870.0	874.9	879.7	884.6	889.4
122.5°	917.3	921.6	925.9	930.2	934.5	936.7	939.4	944.8	950.2	955.6	961.0
125°	986.5	990.0	993.5	997.0	1000.5	1002.3	1004.9	1010.0	1015.1	1020.2	1025.3
127.5°	1049.6	1053.4	1057.2	1060.9	1064.7	1066.6	1068.6	1072.7	1076.7	1080.8	1084.8
130°	1109.0	1113.3	1117.6	1121.9	1126.2	1128.4	1129.9	1132.9	1135.8	1138.8	1141.8
132.5°	1169.7	1173.2	1176.7	1180.2	1183.7	1185.5	1187.0	1189.9	1192.9	1195.8	1198.8
135°	1220.7	1225.0	1229.3	1233.6	1237.9	1240.1	1241.3	1243.7	1246.2	1248.6	1251.0
137.5°	1274.0	1277.2	1280.5	1283.7	1287.0	1288.6	1289.9	1292.6	1295.3	1298.0	1300.7
140°	1326.2	1328.4	1330.5	1332.7	1334.8	1335.9	1337.4	1340.4	1343.3	1346.3	1349.3
142.5°	1369.9	1371.8	1373.7	1375.6	1377.5	1378.4	1380.2	1383.7	1387.2	1390.7	1394.2
145°	1416.0	1415.7	1415.5	1415.2	1414.9	1414.8	1417.1	1421.7	1426.2	1430.8	1435.4
147.5°	1456.1	1455.3	1454.5	1453.6	1452.8	1452.4	1454.7	1459.3	1463.8	1468.4	1473.0
150°	1494.9	1493.0	1491.1	1489.2	1487.3	1486.4	1488.6	1492.9	1497.2	1501.5	1505.8
152.5°	1527.6	1525.4	1523.3	1521.1	1519.0	1517.9	1519.9	1524.0	1528.0	1532.1	1536.1
155°	1559.2	1556.8	1554.4	1551.9	1549.5	1548.3	1549.9	1553.1	1556.4	1559.6	1562.8
157.5°	1584.7	1582.5	1580.4	1578.2	1576.1	1575.0	1576.2	1578.6	1581.1	1583.5	1585.9
160°	1606.5	1604.9	1603.3	1601.6	1600.0	1599.2	1600.0	1601.6	1603.3	1604.9	1606.5
162.5°	1625.9	1624.3	1622.7	1621.0	1619.4	1618.6	1619.3	1620.6	1622.0	1623.3	1624.7
165°	1642.9	1641.3	1639.7	1638.0	1636.4	1635.6	1636.0	1636.8	1637.7	1638.5	1639.3
167.5°	1656.3	1654.7	1653.1	1651.4	1649.8	1649.0	1649.4	1650.2	1651.0	1651.8	1652.6
170°	1667.2	1665.6	1664.0	1662.3	1660.7	1659.9	1660.2	1660.7	1661.2	1661.8	1662.3
172.5°	1674.5	1672.9	1671.3	1669.6	1668.0	1667.2	1667.5	1668.0	1668.5	1669.1	1669.6
175°	1680.5	1678.6	1676.7	1674.8	1672.9	1672.0	1672.3	1672.8	1673.4	1673.9	1674.5
177.5°	1683.0	1681.1	1679.2	1677.3	1675.4	1674.5	1674.6	1674.9	1675.2	1675.4	1675.7
180°	1676.9	1676.9	1676.9	1676.9	1676.9	1676.9	1676.9	1676.9	1676.9	1676.9	1676.9

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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°	25.6	27.0	28.3	29.6	30.3	30.6	31.1	31.7	32.2	32.8	32.2
92.5°	29.6	30.2	30.7	31.2	31.5	31.6	31.9	32.2	32.5	32.8	32.5
95°	48.7	50.0	51.4	52.7	53.4	53.3	53.0	52.7	52.5	52.2	52.5
97.5°	62.7	63.5	64.3	65.1	65.5	65.6	65.9	66.2	66.4	66.7	66.4
100°	71.4	73.5	75.7	77.8	78.9	79.2	79.7	80.2	80.8	81.3	80.8
102.5°	74.6	77.5	80.5	83.4	84.9	85.3	86.1	87.0	87.8	88.6	87.8
105°	77.0	80.0	82.9	85.9	87.4	87.9	89.0	90.1	91.1	92.2	91.1
107.5°	79.4	82.4	85.3	88.3	89.8	90.3	91.4	92.5	93.5	94.6	93.5
110°	185.3	158.4	131.4	104.5	91.0	91.5	92.6	93.7	94.8	95.9	94.8

TEST NUMBER: P1029306

CATALOG NUMBER: S122DIW-B290D1240UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	500.2	384.0	267.7	151.5	93.4	93.8	94.6	95.5	96.3	97.1	96.3
115°	623.9	499.0	374.2	249.3	186.9	177.2	157.8	138.3	118.9	99.5	118.9
117.5°	775.6	737.1	698.5	660.0	640.7	605.4	534.7	464.1	393.4	322.8	393.4
120°	892.6	895.9	899.1	902.4	904.0	885.8	849.4	813.0	776.6	740.2	776.6
122.5°	962.6	964.2	965.9	967.5	968.3	968.4	968.7	969.0	969.2	969.5	969.2
125°	1027.2	1029.1	1031.0	1032.9	1033.8	1034.2	1035.0	1035.8	1036.6	1037.4	1036.6
127.5°	1087.5	1090.2	1092.9	1095.6	1096.9	1097.0	1097.3	1097.6	1097.8	1098.1	1097.8
130°	1144.8	1147.7	1150.7	1153.6	1155.1	1155.0	1154.7	1154.4	1154.2	1153.9	1154.2
132.5°	1201.2	1203.6	1206.1	1208.5	1209.7	1209.6	1209.3	1209.0	1208.8	1208.5	1208.8
135°	1253.7	1256.4	1259.1	1261.8	1263.1	1262.8	1262.3	1261.8	1261.2	1260.7	1261.2
137.5°	1303.4	1306.1	1308.8	1311.5	1312.9	1312.5	1311.7	1310.8	1310.0	1309.2	1310.0
140°	1351.7	1354.1	1356.6	1359.0	1360.2	1359.5	1358.2	1356.8	1355.5	1354.1	1355.5
142.5°	1396.4	1398.5	1400.7	1402.8	1403.9	1403.2	1401.9	1400.5	1399.2	1397.8	1399.2
145°	1437.3	1439.2	1441.1	1443.0	1443.9	1443.2	1441.9	1440.6	1439.2	1437.9	1439.2
147.5°	1474.4	1475.7	1477.1	1478.4	1479.1	1478.6	1477.5	1476.4	1475.4	1474.3	1475.4
150°	1507.4	1509.0	1510.7	1512.3	1513.1	1512.4	1511.1	1509.7	1508.4	1507.0	1508.4
152.5°	1537.7	1539.3	1541.0	1542.6	1543.4	1542.5	1540.6	1538.7	1536.8	1534.9	1536.8
155°	1564.4	1566.0	1567.7	1569.3	1570.1	1569.0	1566.9	1564.7	1562.6	1560.4	1562.6
157.5°	1587.8	1589.7	1591.6	1593.5	1594.4	1593.3	1591.2	1589.0	1586.9	1584.7	1586.9
160°	1608.1	1609.7	1611.4	1613.0	1613.8	1612.9	1611.0	1609.1	1607.2	1605.3	1607.2
162.5°	1626.6	1628.5	1630.4	1632.3	1633.2	1632.0	1629.6	1627.1	1624.7	1622.3	1624.7
165°	1641.2	1643.1	1645.0	1646.9	1647.8	1646.9	1645.0	1643.1	1641.2	1639.3	1641.2
167.5°	1654.5	1656.4	1658.3	1660.2	1661.1	1659.9	1657.5	1655.0	1652.6	1650.2	1652.6
170°	1664.2	1666.1	1668.0	1669.9	1670.8	1669.6	1667.2	1664.7	1662.3	1659.9	1662.3
172.5°	1671.5	1673.4	1675.3	1677.2	1678.1	1676.9	1674.5	1672.0	1669.6	1667.2	1669.6
175°	1676.4	1678.3	1680.2	1682.1	1683.0	1681.6	1678.9	1676.2	1673.5	1670.8	1673.5
177.5°	1677.6	1679.5	1681.4	1683.3	1684.2	1683.0	1680.5	1678.1	1675.6	1673.2	1675.6
180°	1676.9	1676.9	1676.9	1676.9	1676.9	1676.9	1676.9	1676.9	1676.9	1676.9	1676.9

TEST NUMBER: P1029306

CATALOG NUMBER: S122DIW-B290D1240UB2750-4F0-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°	31.7	31.1	30.6	30.3	29.6	28.3	27.0	25.6	24.3	22.1	20.0
92.5°	32.2	31.9	31.6	31.5	31.2	30.7	30.2	29.6	29.1	28.3	27.5
95°	52.7	53.0	53.3	53.4	52.7	51.4	50.0	48.7	47.3	45.4	43.5
97.5°	66.2	65.9	65.6	65.5	65.1	64.3	63.5	62.7	61.9	57.6	53.3
100°	80.2	79.7	79.2	78.9	77.8	75.7	73.5	71.4	69.2	64.6	60.0
102.5°	87.0	86.1	85.3	84.9	83.4	80.5	77.5	74.6	71.6	120.7	169.7
105°	90.1	89.0	87.9	87.4	85.9	82.9	80.0	77.0	74.0	147.6	221.2
107.5°	92.5	91.4	90.3	89.8	88.3	85.3	82.4	79.4	76.4	167.3	258.2
110°	93.7	92.6	91.5	91.0	104.5	131.4	158.4	185.3	212.3	290.2	368.2

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CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	95.5	94.6	93.8	93.4	151.5	267.7	384.0	500.2	616.4	621.0	625.6
115°	138.3	157.8	177.2	186.9	249.3	374.2	499.0	623.9	748.7	741.9	735.2
117.5°	464.1	534.7	605.4	640.7	660.0	698.5	737.1	775.6	814.2	809.6	805.0
120°	813.0	849.4	885.8	904.0	902.4	899.1	895.9	892.6	889.4	884.6	879.7
122.5°	969.0	968.7	968.4	968.3	967.5	965.9	964.2	962.6	961.0	955.6	950.2
125°	1035.8	1035.0	1034.2	1033.8	1032.9	1031.0	1029.1	1027.2	1025.3	1020.2	1015.1
127.5°	1097.6	1097.3	1097.0	1096.9	1095.6	1092.9	1090.2	1087.5	1084.8	1080.8	1076.7
130°	1154.4	1154.7	1155.0	1155.1	1153.6	1150.7	1147.7	1144.8	1141.8	1138.8	1135.8
132.5°	1209.0	1209.3	1209.6	1209.7	1208.5	1206.1	1203.6	1201.2	1198.8	1195.8	1192.9
135°	1261.8	1262.3	1262.8	1263.1	1261.8	1259.1	1256.4	1253.7	1251.0	1248.6	1246.2
137.5°	1310.8	1311.7	1312.5	1312.9	1311.5	1308.8	1306.1	1303.4	1300.7	1298.0	1295.3
140°	1356.8	1358.2	1359.5	1360.2	1359.0	1356.6	1354.1	1351.7	1349.3	1346.3	1343.3
142.5°	1400.5	1401.9	1403.2	1403.9	1402.8	1400.7	1398.5	1396.4	1394.2	1390.7	1387.2
145°	1440.6	1441.9	1443.2	1443.9	1443.0	1441.1	1439.2	1437.3	1435.4	1430.8	1426.2
147.5°	1476.4	1477.5	1478.6	1479.1	1478.4	1477.1	1475.7	1474.4	1473.0	1468.4	1463.8
150°	1509.7	1511.1	1512.4	1513.1	1512.3	1510.7	1509.0	1507.4	1505.8	1501.5	1497.2
152.5°	1538.7	1540.6	1542.5	1543.4	1542.6	1541.0	1539.3	1537.7	1536.1	1532.1	1528.0
155°	1564.7	1566.9	1569.0	1570.1	1569.3	1567.7	1566.0	1564.4	1562.8	1559.6	1556.4
157.5°	1589.0	1591.2	1593.3	1594.4	1593.5	1591.6	1589.7	1587.8	1585.9	1583.5	1581.1
160°	1609.1	1611.0	1612.9	1613.8	1613.0	1611.4	1609.7	1608.1	1606.5	1604.9	1603.3
162.5°	1627.1	1629.6	1632.0	1633.2	1632.3	1630.4	1628.5	1626.6	1624.7	1623.3	1622.0
165°	1643.1	1645.0	1646.9	1647.8	1646.9	1645.0	1643.1	1641.2	1639.3	1638.5	1637.7
167.5°	1655.0	1657.5	1659.9	1661.1	1660.2	1658.3	1656.4	1654.5	1652.6	1651.8	1651.0
170°	1664.7	1667.2	1669.6	1670.8	1669.9	1668.0	1666.1	1664.2	1662.3	1661.8	1661.2
172.5°	1672.0	1674.5	1676.9	1678.1	1677.2	1675.3	1673.4	1671.5	1669.6	1669.1	1668.5
175°	1676.2	1678.9	1681.6	1683.0	1682.1	1680.2	1678.3	1676.4	1674.5	1673.9	1673.4
177.5°	1678.1	1680.5	1683.0	1684.2	1683.3	1681.4	1679.5	1677.6	1675.7	1675.4	1675.2
180°	1676.9	1676.9	1676.9	1676.9	1676.9	1676.9	1676.9	1676.9	1676.9	1676.9	1676.9

TEST NUMBER: P1029306

CATALOG NUMBER: S122DIW-B290D1240UB2750-4F0-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°	17.8	15.7	14.6	13.1	10.1	7.2	4.2	1.2	4.2	7.2	10.1
92.5°	26.7	25.9	25.5	26.0	27.1	28.2	29.2	30.3	29.2	28.2	27.1
95°	41.6	39.7	38.8	43.3	52.2	61.1	70.0	78.9	70.0	61.1	52.2
97.5°	49.0	44.7	42.5	53.6	75.7	97.8	119.9	142.0	119.9	97.8	75.7
100°	55.4	50.8	48.5	67.0	103.9	140.9	177.8	214.8	177.8	140.9	103.9
102.5°	218.8	267.9	292.4	292.7	293.2	293.8	294.3	294.9	294.3	293.8	293.2
105°	294.9	368.5	405.3	401.3	393.2	385.1	377.0	368.9	377.0	385.1	393.2
107.5°	349.1	440.0	485.4	482.0	475.3	468.5	461.8	455.0	461.8	468.5	475.3
110°	446.1	524.0	563.0	560.2	554.5	548.8	543.2	537.5	543.2	548.8	554.5

TEST NUMBER: P1029306

CATALOG NUMBER: S122DIW-B290D1240UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
112.5°	630.1	634.7	637.0	634.6	629.7	624.9	620.0	615.2	620.0	624.9	629.7
115°	728.4	721.7	718.3	716.0	711.4	706.9	702.3	697.7	702.3	706.9	711.4
117.5°	800.4	795.8	793.5	790.8	785.4	780.1	774.7	769.3	774.7	780.1	785.4
120°	874.9	870.0	867.6	865.6	861.5	857.5	853.4	849.4	853.4	857.5	861.5
122.5°	944.8	939.4	936.7	934.5	930.2	925.9	921.6	917.3	921.6	925.9	930.2
125°	1010.0	1004.9	1002.3	1000.5	997.0	993.5	990.0	986.5	990.0	993.5	997.0
127.5°	1072.7	1068.6	1066.6	1064.7	1060.9	1057.2	1053.4	1049.6	1053.4	1057.2	1060.9
130°	1132.9	1129.9	1128.4	1126.2	1121.9	1117.6	1113.3	1109.0	1113.3	1117.6	1121.9
132.5°	1189.9	1187.0	1185.5	1183.7	1180.2	1176.7	1173.2	1169.7	1173.2	1176.7	1180.2
135°	1243.7	1241.3	1240.1	1237.9	1233.6	1229.3	1225.0	1220.7	1225.0	1229.3	1233.6
137.5°	1292.6	1289.9	1288.6	1287.0	1283.7	1280.5	1277.2	1274.0	1277.2	1280.5	1283.7
140°	1340.4	1337.4	1335.9	1334.8	1332.7	1330.5	1328.4	1326.2	1328.4	1330.5	1332.7
142.5°	1383.7	1380.2	1378.4	1377.5	1375.6	1373.7	1371.8	1369.9	1371.8	1373.7	1375.6
145°	1421.7	1417.1	1414.8	1414.9	1415.2	1415.5	1415.7	1416.0	1415.7	1415.5	1415.2
147.5°	1459.3	1454.7	1452.4	1452.8	1453.6	1454.5	1455.3	1456.1	1455.3	1454.5	1453.6
150°	1492.9	1488.6	1486.4	1487.3	1489.2	1491.1	1493.0	1494.9	1493.0	1491.1	1489.2
152.5°	1524.0	1519.9	1517.9	1519.0	1521.1	1523.3	1525.4	1527.6	1525.4	1523.3	1521.1
155°	1553.1	1549.9	1548.3	1549.5	1551.9	1554.4	1556.8	1559.2	1556.8	1554.4	1551.9
157.5°	1578.6	1576.2	1575.0	1576.1	1578.2	1580.4	1582.5	1584.7	1582.5	1580.4	1578.2
160°	1601.6	1600.0	1599.2	1600.0	1601.6	1603.3	1604.9	1606.5	1604.9	1603.3	1601.6
162.5°	1620.6	1619.3	1618.6	1619.4	1621.0	1622.7	1624.3	1625.9	1624.3	1622.7	1621.0
165°	1636.8	1636.0	1635.6	1636.4	1638.0	1639.7	1641.3	1642.9	1641.3	1639.7	1638.0
167.5°	1650.2	1649.4	1649.0	1649.8	1651.4	1653.1	1654.7	1656.3	1654.7	1653.1	1651.4
170°	1660.7	1660.2	1659.9	1660.7	1662.3	1664.0	1665.6	1667.2	1665.6	1664.0	1662.3
172.5°	1668.0	1667.5	1667.2	1668.0	1669.6	1671.3	1672.9	1674.5	1672.9	1671.3	1669.6
175°	1672.8	1672.3	1672.0	1672.9	1674.8	1676.7	1678.6	1680.5	1678.6	1676.7	1674.8
177.5°	1674.9	1674.6	1674.5	1675.4	1677.3	1679.2	1681.1	1683.0	1681.1	1679.2	1677.3
180°	1676.9	1676.9	1676.9	1676.9	1676.9	1676.9	1676.9	1676.9	1676.9	1676.9	1676.9

TEST NUMBER: P1029306

CATALOG NUMBER: S122DIW-B290D1240UB2750-4F0-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°	13.1	14.6	15.7	17.8	20.0	22.1	24.3	25.6	27.0	28.3	29.6
92.5°	26.0	25.5	25.9	26.7	27.5	28.3	29.1	29.6	30.2	30.7	31.2
95°	43.3	38.8	39.7	41.6	43.5	45.4	47.3	48.7	50.0	51.4	52.7
97.5°	53.6	42.5	44.7	49.0	53.3	57.6	61.9	62.7	63.5	64.3	65.1
100°	67.0	48.5	50.8	55.4	60.0	64.6	69.2	71.4	73.5	75.7	77.8
102.5°	292.7	292.4	267.9	218.8	169.7	120.7	71.6	74.6	77.5	80.5	83.4
105°	401.3	405.3	368.5	294.9	221.2	147.6	74.0	77.0	80.0	82.9	85.9
107.5°	482.0	485.4	440.0	349.1	258.2	167.3	76.4	79.4	82.4	85.3	88.3
110°	560.2	563.0	524.0	446.1	368.2	290.2	212.3	185.3	158.4	131.4	104.5

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CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
112.5°	634.6	637.0	634.7	630.1	625.6	621.0	616.4	500.2	384.0	267.7	151.5
115°	716.0	718.3	721.7	728.4	735.2	741.9	748.7	623.9	499.0	374.2	249.3
117.5°	790.8	793.5	795.8	800.4	805.0	809.6	814.2	775.6	737.1	698.5	660.0
120°	865.6	867.6	870.0	874.9	879.7	884.6	889.4	892.6	895.9	899.1	902.4
122.5°	934.5	936.7	939.4	944.8	950.2	955.6	961.0	962.6	964.2	965.9	967.5
125°	1000.5	1002.3	1004.9	1010.0	1015.1	1020.2	1025.3	1027.2	1029.1	1031.0	1032.9
127.5°	1064.7	1066.6	1068.6	1072.7	1076.7	1080.8	1084.8	1087.5	1090.2	1092.9	1095.6
130°	1126.2	1128.4	1129.9	1132.9	1135.8	1138.8	1141.8	1144.8	1147.7	1150.7	1153.6
132.5°	1183.7	1185.5	1187.0	1189.9	1192.9	1195.8	1198.8	1201.2	1203.6	1206.1	1208.5
135°	1237.9	1240.1	1241.3	1243.7	1246.2	1248.6	1251.0	1253.7	1256.4	1259.1	1261.8
137.5°	1287.0	1288.6	1289.9	1292.6	1295.3	1298.0	1300.7	1303.4	1306.1	1308.8	1311.5
140°	1334.8	1335.9	1337.4	1340.4	1343.3	1346.3	1349.3	1351.7	1354.1	1356.6	1359.0
142.5°	1377.5	1378.4	1380.2	1383.7	1387.2	1390.7	1394.2	1396.4	1398.5	1400.7	1402.8
145°	1414.9	1414.8	1417.1	1421.7	1426.2	1430.8	1435.4	1437.3	1439.2	1441.1	1443.0
147.5°	1452.8	1452.4	1454.7	1459.3	1463.8	1468.4	1473.0	1474.4	1475.7	1477.1	1478.4
150°	1487.3	1486.4	1488.6	1492.9	1497.2	1501.5	1505.8	1507.4	1509.0	1510.7	1512.3
152.5°	1519.0	1517.9	1519.9	1524.0	1528.0	1532.1	1536.1	1537.7	1539.3	1541.0	1542.6
155°	1549.5	1548.3	1549.9	1553.1	1556.4	1559.6	1562.8	1564.4	1566.0	1567.7	1569.3
157.5°	1576.1	1575.0	1576.2	1578.6	1581.1	1583.5	1585.9	1587.8	1589.7	1591.6	1593.5
160°	1600.0	1599.2	1600.0	1601.6	1603.3	1604.9	1606.5	1608.1	1609.7	1611.4	1613.0
162.5°	1619.4	1618.6	1619.3	1620.6	1622.0	1623.3	1624.7	1626.6	1628.5	1630.4	1632.3
165°	1636.4	1635.6	1636.0	1636.8	1637.7	1638.5	1639.3	1641.2	1643.1	1645.0	1646.9
167.5°	1649.8	1649.0	1649.4	1650.2	1651.0	1651.8	1652.6	1654.5	1656.4	1658.3	1660.2
170°	1660.7	1659.9	1660.2	1660.7	1661.2	1661.8	1662.3	1664.2	1666.1	1668.0	1669.9
172.5°	1668.0	1667.2	1667.5	1668.0	1668.5	1669.1	1669.6	1671.5	1673.4	1675.3	1677.2
175°	1672.9	1672.0	1672.3	1672.8	1673.4	1673.9	1674.5	1676.4	1678.3	1680.2	1682.1
177.5°	1675.4	1674.5	1674.6	1674.9	1675.2	1675.4	1675.7	1677.6	1679.5	1681.4	1683.3
180°	1676.9	1676.9	1676.9	1676.9	1676.9	1676.9	1676.9	1676.9	1676.9	1676.9	1676.9

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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°	30.3	30.6	31.1	31.7	32.2	32.8	32.2	31.7	31.1	30.6	30.3
92.5°	31.5	31.6	31.9	32.2	32.5	32.8	32.5	32.2	31.9	31.6	31.5
95°	53.4	53.3	53.0	52.7	52.5	52.2	52.5	52.7	53.0	53.3	53.4
97.5°	65.5	65.6	65.9	66.2	66.4	66.7	66.4	66.2	65.9	65.6	65.5
100°	78.9	79.2	79.7	80.2	80.8	81.3	80.8	80.2	79.7	79.2	78.9
102.5°	84.9	85.3	86.1	87.0	87.8	88.6	87.8	87.0	86.1	85.3	84.9
105°	87.4	87.9	89.0	90.1	91.1	92.2	91.1	90.1	89.0	87.9	87.4
107.5°	89.8	90.3	91.4	92.5	93.5	94.6	93.5	92.5	91.4	90.3	89.8
110°	91.0	91.5	92.6	93.7	94.8	95.9	94.8	93.7	92.6	91.5	91.0

TEST NUMBER: P1029306

CATALOG NUMBER: S122DIW-B290D1240UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
112.5°	93.4	93.8	94.6	95.5	96.3	97.1	96.3	95.5	94.6	93.8	93.4
115°	186.9	177.2	157.8	138.3	118.9	99.5	118.9	138.3	157.8	177.2	186.9
117.5°	640.7	605.4	534.7	464.1	393.4	322.8	393.4	464.1	534.7	605.4	640.7
120°	904.0	885.8	849.4	813.0	776.6	740.2	776.6	813.0	849.4	885.8	904.0
122.5°	968.3	968.4	968.7	969.0	969.2	969.5	969.2	969.0	968.7	968.4	968.3
125°	1033.8	1034.2	1035.0	1035.8	1036.6	1037.4	1036.6	1035.8	1035.0	1034.2	1033.8
127.5°	1096.9	1097.0	1097.3	1097.6	1097.8	1098.1	1097.8	1097.6	1097.3	1097.0	1096.9
130°	1155.1	1155.0	1154.7	1154.4	1154.2	1153.9	1154.2	1154.4	1154.7	1155.0	1155.1
132.5°	1209.7	1209.6	1209.3	1209.0	1208.8	1208.5	1208.8	1209.0	1209.3	1209.6	1209.7
135°	1263.1	1262.8	1262.3	1261.8	1261.2	1260.7	1261.2	1261.8	1262.3	1262.8	1263.1
137.5°	1312.9	1312.5	1311.7	1310.8	1310.0	1309.2	1310.0	1310.8	1311.7	1312.5	1312.9
140°	1360.2	1359.5	1358.2	1356.8	1355.5	1354.1	1355.5	1356.8	1358.2	1359.5	1360.2
142.5°	1403.9	1403.2	1401.9	1400.5	1399.2	1397.8	1399.2	1400.5	1401.9	1403.2	1403.9
145°	1443.9	1443.2	1441.9	1440.6	1439.2	1437.9	1439.2	1440.6	1441.9	1443.2	1443.9
147.5°	1479.1	1478.6	1477.5	1476.4	1475.4	1474.3	1475.4	1476.4	1477.5	1478.6	1479.1
150°	1513.1	1512.4	1511.1	1509.7	1508.4	1507.0	1508.4	1509.7	1511.1	1512.4	1513.1
152.5°	1543.4	1542.5	1540.6	1538.7	1536.8	1534.9	1536.8	1538.7	1540.6	1542.5	1543.4
155°	1570.1	1569.0	1566.9	1564.7	1562.6	1560.4	1562.6	1564.7	1566.9	1569.0	1570.1
157.5°	1594.4	1593.3	1591.2	1589.0	1586.9	1584.7	1586.9	1589.0	1591.2	1593.3	1594.4
160°	1613.8	1612.9	1611.0	1609.1	1607.2	1605.3	1607.2	1609.1	1611.0	1612.9	1613.8
162.5°	1633.2	1632.0	1629.6	1627.1	1624.7	1622.3	1624.7	1627.1	1629.6	1632.0	1633.2
165°	1647.8	1646.9	1645.0	1643.1	1641.2	1639.3	1641.2	1643.1	1645.0	1646.9	1647.8
167.5°	1661.1	1659.9	1657.5	1655.0	1652.6	1650.2	1652.6	1655.0	1657.5	1659.9	1661.1
170°	1670.8	1669.6	1667.2	1664.7	1662.3	1659.9	1662.3	1664.7	1667.2	1669.6	1670.8
172.5°	1678.1	1676.9	1674.5	1672.0	1669.6	1667.2	1669.6	1672.0	1674.5	1676.9	1678.1
175°	1683.0	1681.6	1678.9	1676.2	1673.5	1670.8	1673.5	1676.2	1678.9	1681.6	1683.0
177.5°	1684.2	1683.0	1680.5	1678.1	1675.6	1673.2	1675.6	1678.1	1680.5	1683.0	1684.2
180°	1676.9	1676.9	1676.9	1676.9	1676.9	1676.9	1676.9	1676.9	1676.9	1676.9	1676.9

TEST NUMBER: P1029306

CATALOG NUMBER: S122DIW-B290D1240UB2750-4F0-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°	29.6	28.3	27.0	25.6	24.3	22.1	20.0	17.8	15.7	14.6	13.1
92.5°	31.2	30.7	30.2	29.6	29.1	28.3	27.5	26.7	25.9	25.5	26.0
95°	52.7	51.4	50.0	48.7	47.3	45.4	43.5	41.6	39.7	38.8	43.3
97.5°	65.1	64.3	63.5	62.7	61.9	57.6	53.3	49.0	44.7	42.5	53.6
100°	77.8	75.7	73.5	71.4	69.2	64.6	60.0	55.4	50.8	48.5	67.0
102.5°	83.4	80.5	77.5	74.6	71.6	120.7	169.7	218.8	267.9	292.4	292.7
105°	85.9	82.9	80.0	77.0	74.0	147.6	221.2	294.9	368.5	405.3	401.3
107.5°	88.3	85.3	82.4	79.4	76.4	167.3	258.2	349.1	440.0	485.4	482.0
110°	104.5	131.4	158.4	185.3	212.3	290.2	368.2	446.1	524.0	563.0	560.2

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CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
112.5°	151.5	267.7	384.0	500.2	616.4	621.0	625.6	630.1	634.7	637.0	634.6
115°	249.3	374.2	499.0	623.9	748.7	741.9	735.2	728.4	721.7	718.3	716.0
117.5°	660.0	698.5	737.1	775.6	814.2	809.6	805.0	800.4	795.8	793.5	790.8
120°	902.4	899.1	895.9	892.6	889.4	884.6	879.7	874.9	870.0	867.6	865.6
122.5°	967.5	965.9	964.2	962.6	961.0	955.6	950.2	944.8	939.4	936.7	934.5
125°	1032.9	1031.0	1029.1	1027.2	1025.3	1020.2	1015.1	1010.0	1004.9	1002.3	1000.5
127.5°	1095.6	1092.9	1090.2	1087.5	1084.8	1080.8	1076.7	1072.7	1068.6	1066.6	1064.7
130°	1153.6	1150.7	1147.7	1144.8	1141.8	1138.8	1135.8	1132.9	1129.9	1128.4	1126.2
132.5°	1208.5	1206.1	1203.6	1201.2	1198.8	1195.8	1192.9	1189.9	1187.0	1185.5	1183.7
135°	1261.8	1259.1	1256.4	1253.7	1251.0	1248.6	1246.2	1243.7	1241.3	1240.1	1237.9
137.5°	1311.5	1308.8	1306.1	1303.4	1300.7	1298.0	1295.3	1292.6	1289.9	1288.6	1287.0
140°	1359.0	1356.6	1354.1	1351.7	1349.3	1346.3	1343.3	1340.4	1337.4	1335.9	1334.8
142.5°	1402.8	1400.7	1398.5	1396.4	1394.2	1390.7	1387.2	1383.7	1380.2	1378.4	1377.5
145°	1443.0	1441.1	1439.2	1437.3	1435.4	1430.8	1426.2	1421.7	1417.1	1414.8	1414.9
147.5°	1478.4	1477.1	1475.7	1474.4	1473.0	1468.4	1463.8	1459.3	1454.7	1452.4	1452.8
150°	1512.3	1510.7	1509.0	1507.4	1505.8	1501.5	1497.2	1492.9	1488.6	1486.4	1487.3
152.5°	1542.6	1541.0	1539.3	1537.7	1536.1	1532.1	1528.0	1524.0	1519.9	1517.9	1519.0
155°	1569.3	1567.7	1566.0	1564.4	1562.8	1559.6	1556.4	1553.1	1549.9	1548.3	1549.5
157.5°	1593.5	1591.6	1589.7	1587.8	1585.9	1583.5	1581.1	1578.6	1576.2	1575.0	1576.1
160°	1613.0	1611.4	1609.7	1608.1	1606.5	1604.9	1603.3	1601.6	1600.0	1599.2	1600.0
162.5°	1632.3	1630.4	1628.5	1626.6	1624.7	1623.3	1622.0	1620.6	1619.3	1618.6	1619.4
165°	1646.9	1645.0	1643.1	1641.2	1639.3	1638.5	1637.7	1636.8	1636.0	1635.6	1636.4
167.5°	1660.2	1658.3	1656.4	1654.5	1652.6	1651.8	1651.0	1650.2	1649.4	1649.0	1649.8
170°	1669.9	1668.0	1666.1	1664.2	1662.3	1661.8	1661.2	1660.7	1660.2	1659.9	1660.7
172.5°	1677.2	1675.3	1673.4	1671.5	1669.6	1669.1	1668.5	1668.0	1667.5	1667.2	1668.0
175°	1682.1	1680.2	1678.3	1676.4	1674.5	1673.9	1673.4	1672.8	1672.3	1672.0	1672.9
177.5°	1683.3	1681.4	1679.5	1677.6	1675.7	1675.4	1675.2	1674.9	1674.6	1674.5	1675.4
180°	1676.9	1676.9	1676.9	1676.9	1676.9	1676.9	1676.9	1676.9	1676.9	1676.9	1676.9

TEST NUMBER: P1029306

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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°	10.1	7.2	4.2	1.2
92.5°	27.1	28.2	29.2	30.3
95°	52.2	61.1	70.0	78.9
97.5°	75.7	97.8	119.9	142.0
100°	103.9	140.9	177.8	214.8
102.5°	293.2	293.8	294.3	294.9
105°	393.2	385.1	377.0	368.9
107.5°	475.3	468.5	461.8	455.0
110°	554.5	548.8	543.2	537.5

TEST NUMBER: P1029306

CATALOG NUMBER: S122DIW-B290D1240UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
112.5°	629.7	624.9	620.0	615.2
115°	711.4	706.9	702.3	697.7
117.5°	785.4	780.1	774.7	769.3
120°	861.5	857.5	853.4	849.4
122.5°	930.2	925.9	921.6	917.3
125°	997.0	993.5	990.0	986.5
127.5°	1060.9	1057.2	1053.4	1049.6
130°	1121.9	1117.6	1113.3	1109.0
132.5°	1180.2	1176.7	1173.2	1169.7
135°	1233.6	1229.3	1225.0	1220.7
137.5°	1283.7	1280.5	1277.2	1274.0
140°	1332.7	1330.5	1328.4	1326.2
142.5°	1375.6	1373.7	1371.8	1369.9
145°	1415.2	1415.5	1415.7	1416.0
147.5°	1453.6	1454.5	1455.3	1456.1
150°	1489.2	1491.1	1493.0	1494.9
152.5°	1521.1	1523.3	1525.4	1527.6
155°	1551.9	1554.4	1556.8	1559.2
157.5°	1578.2	1580.4	1582.5	1584.7
160°	1601.6	1603.3	1604.9	1606.5
162.5°	1621.0	1622.7	1624.3	1625.9
165°	1638.0	1639.7	1641.3	1642.9
167.5°	1651.4	1653.1	1654.7	1656.3
170°	1662.3	1664.0	1665.6	1667.2
172.5°	1669.6	1671.3	1672.9	1674.5
175°	1674.8	1676.7	1678.6	1680.5
177.5°	1677.3	1679.2	1681.1	1683.0
180°	1676.9	1676.9	1676.9	1676.9

(END OF REPORT)