

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: P1029308

Luminaire Tested: S122DIW-B290D1240UB2750-4F0-XX-W2A-A_3500K

Issue Date: 5/6/2025

Test Information

Test Method: LM-79-2019
Report Number: P1029308
REPORT IS A COMBINATION OF REPORTS P985489 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_3500K
Description: Define 2 Direct/Indirect Wall Mount with 3500K BioUP LEDs {m-DER=0.721} {m-EER=0.792}
Light Source: -
Ballast/Driver: -

Summary

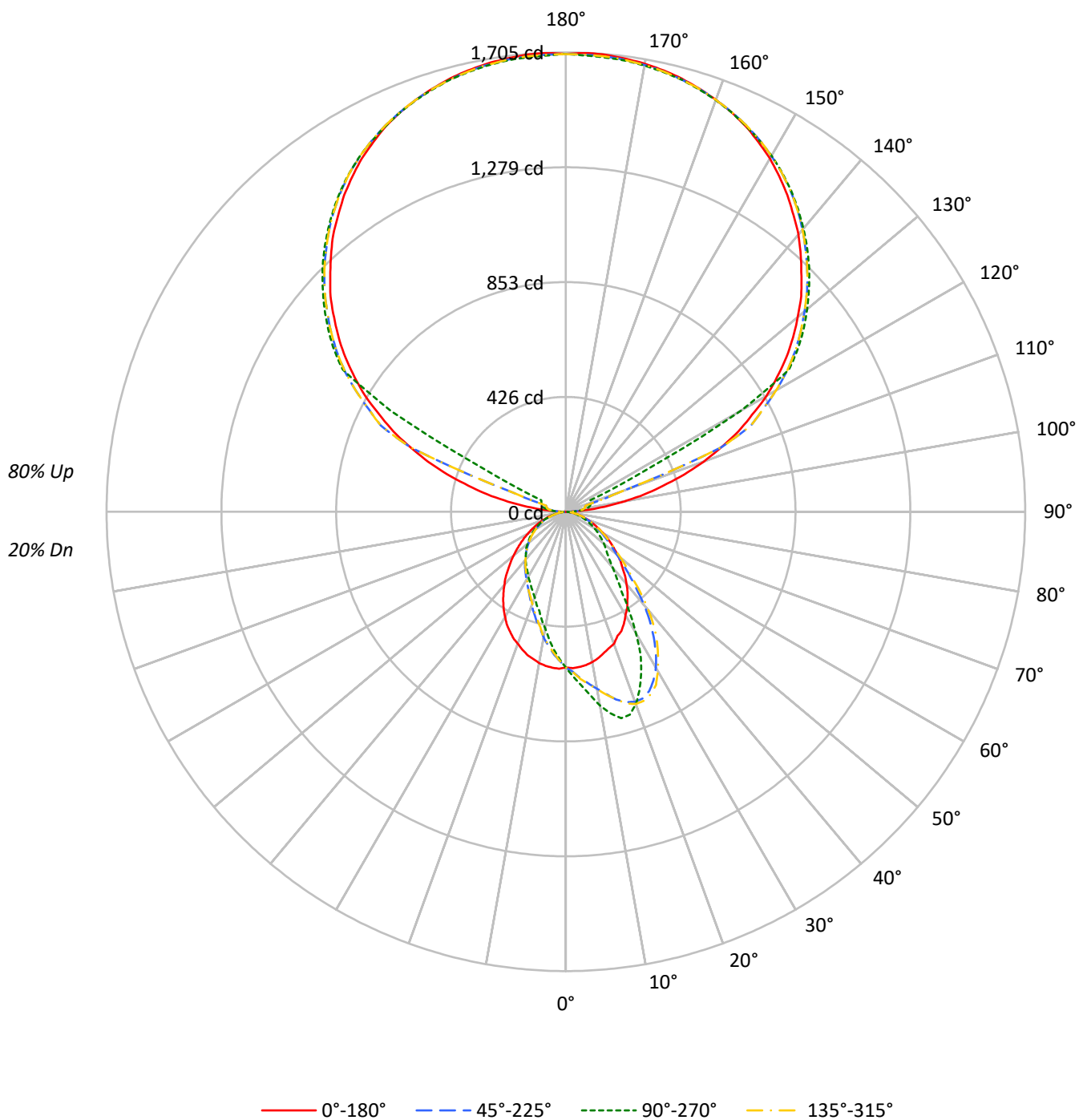
Lumens per Lamp: N/A
Luminaire Lumens: 6258.0 lumens
Efficiency: N/A
Efficacy: 113.6 lumens/watt
Spacing Criteria (0/90/45): 1.16 / 1.09 / 1.23
Luminous Opening: Rectangular w/ Sides (W: 0.17' x L: 4' x H: 0.1')
CIE Type: Semi-Indirect

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: P1029308

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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°	9148	9148	9148	9148
5°	9169	9753	9205	7760
10°	9062	10647	9120	6398
15°	8843	11230	8966	5389
20°	8706	10545	8706	4684
25°	8428	9060	8466	4189
30°	7971	7121	8124	3794
35°	7566	4924	7693	3471
40°	7102	3717	7183	3214
45°	6528	3056	6635	2936
50°	6033	2681	6043	2688
55°	5468	2286	5502	2418
60°	4867	1908	4934	2111
65°	4326	1552	4405	1802
70°	3789	1217	3885	1454
75°	3183	884	3306	1055
80°	2483	561	2659	626
85°	1624	282	1752	209

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 157.5°

Vertical Angle: 45°

Luminance: 9457 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	55.0	0.9
10°-20°	160.2	2.6
20°-30°	232.5	3.7
30°-40°	245.1	3.9
40°-50°	216.9	3.5
50°-60°	173.2	2.8
60°-70°	117.6	1.9
70°-80°	60.2	1.0
80°-90°	17.2	0.3
90°-100°	56.0	0.9
100°-110°	208.8	3.3
110°-120°	553.8	8.8
120°-130°	918.5	14.7
130°-140°	975.7	15.6
140°-150°	906.8	14.5
150°-160°	729.0	11.6
160°-170°	469.8	7.5
170°-180°	161.7	2.6
0°-30°	447.8	7.2
0°-40°	692.9	11.1
0°-60°	1083.0	17.3
0°-90°	1278.0	20.4
90°-120°	818.6	13.1
90°-150°	3619.6	57.8
90°-180°	4980.0	79.6
0°-180°	6258.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	578	578	578	578	578	
5°	578	645	581	514	578	55
15°	543	793	551	381	543	153
25°	488	661	490	306	488	223
35°	398	360	405	254	398	249
45°	299	217	304	208	299	232
55°	205	152	206	161	205	183
65°	122	94	124	109	122	121
75°	57	46	59	55	57	61
85°	12	12	12	9	12	13
90°	1	33	1	33	1	5
95°	80	53	80	53	80	95
105°	374	93	374	93	374	399
115°	707	101	707	101	707	696
125°	999	1051	999	1051	999	891
135°	1236	1277	1236	1277	1236	955
145°	1434	1457	1434	1457	1434	897
155°	1580	1581	1580	1581	1580	728
165°	1664	1661	1664	1661	1664	470
175°	1702	1693	1702	1693	1702	162
180°	1699	1699	1699	1699	1699	

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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	577.9	577.9	577.9	577.9	577.9	577.9	577.9	577.9	577.9	577.9	577.9
2.5°	581.0	582.3	584.6	585.0	589.4	593.0	597.0	597.0	598.3	597.9	594.3
5°	578.3	582.3	588.1	593.0	601.0	604.5	609.9	613.9	617.4	620.1	619.6
7.5°	573.9	581.0	589.4	598.8	609.4	615.6	623.2	630.3	635.2	639.6	642.7
10°	566.3	578.3	589.9	602.3	616.1	624.5	633.4	642.7	650.3	658.7	666.7
12.5°	556.1	573.4	587.7	604.1	621.0	630.3	644.5	651.6	666.3	687.6	693.4
15°	543.2	566.8	580.1	601.0	623.2	630.7	650.3	661.8	692.0	705.4	721.4
17.5°	531.2	557.5	575.2	599.2	621.0	635.6	654.7	678.3	703.6	722.7	740.5
20°	521.5	546.8	568.1	594.8	622.3	641.0	661.0	689.4	716.9	736.5	750.2
22.5°	499.3	531.7	556.6	586.3	619.6	645.4	664.5	695.6	725.4	737.4	749.3
25°	488.2	516.1	545.0	578.8	617.9	648.5	665.0	699.6	725.8	730.2	732.9
27.5°	467.7	499.3	533.0	571.7	617.4	643.2	664.1	695.6	716.5	713.4	705.4
30°	442.4	481.1	518.4	560.1	611.2	639.2	658.7	687.6	698.3	682.3	668.1
32.5°	423.8	460.2	501.5	549.9	604.1	630.7	649.8	672.5	674.7	645.9	621.9
35°	398.4	438.9	485.5	536.6	592.1	616.1	633.9	647.6	637.0	596.5	568.1
37.5°	375.8	415.8	465.5	517.5	575.7	599.2	613.4	615.6	589.4	553.9	512.1
40°	350.9	392.2	444.2	498.8	557.5	577.9	586.8	580.1	542.4	501.0	452.6
42.5°	326.0	366.9	422.9	478.8	534.4	551.7	555.2	537.0	490.8	442.4	386.4
45°	298.9	341.6	397.5	454.0	507.7	517.5	517.9	491.7	437.1	386.4	334.5
47.5°	276.7	316.3	371.8	428.2	473.5	480.2	477.5	447.3	387.8	330.9	285.6
50°	252.3	290.1	345.1	400.7	439.3	441.1	434.4	391.3	333.1	281.2	245.2
52.5°	226.1	264.3	314.9	368.2	402.9	400.2	387.3	341.1	286.5	243.4	215.9
55°	205.2	239.0	286.5	338.5	362.9	355.4	341.1	294.1	251.0	214.5	190.6
57.5°	182.1	211.9	258.5	303.8	318.0	310.9	296.7	252.7	212.8	185.2	169.2
60°	160.4	187.4	228.3	266.1	277.2	269.6	253.2	213.7	184.8	161.7	149.7
62.5°	140.4	163.9	198.1	232.8	237.2	229.6	215.4	183.4	158.6	140.4	131.5
65°	121.7	143.9	171.5	197.7	201.7	193.7	179.0	155.9	135.0	123.5	115.0
67.5°	103.5	121.3	145.7	164.8	167.0	159.5	147.5	128.8	115.9	103.5	97.3
70°	87.5	100.8	119.9	135.5	136.4	129.3	123.0	106.2	96.4	87.5	82.6
72.5°	72.0	81.3	95.9	107.5	107.9	103.5	97.7	87.1	78.6	72.4	67.5
75°	56.9	64.9	73.7	84.0	83.5	80.0	75.5	68.8	61.7	57.7	55.5
77.5°	43.5	48.4	55.5	62.2	62.2	60.4	57.7	52.9	48.4	44.4	42.2
80°	31.1	34.2	40.0	42.2	43.1	42.6	40.4	36.9	35.1	32.0	31.1
82.5°	20.0	22.2	24.9	27.1	28.4	27.5	27.1	25.3	22.7	21.8	20.9
85°	11.5	12.4	13.8	15.1	15.5	15.1	16.0	14.7	13.3	13.3	12.9
87.5°	4.9	5.3	6.2	6.2	6.7	6.7	6.2	6.7	6.7	6.2	5.8
90°	1.2	4.2	7.2	10.2	13.2	14.7	15.8	18.0	20.2	22.4	24.6
92.5°	30.7	29.6	28.5	27.4	26.3	25.8	26.2	27.0	27.9	28.7	29.5
95°	79.9	70.9	61.9	52.8	43.8	39.3	40.3	42.2	44.1	46.0	47.9
97.5°	143.8	121.4	99.0	76.6	54.2	43.0	45.2	49.6	53.9	58.3	62.7
100°	217.6	180.2	142.8	105.3	67.9	49.2	51.5	56.2	60.8	65.5	70.1
102.5°	298.7	298.1	297.6	297.0	296.5	296.2	271.3	221.6	171.9	122.2	72.5
105°	373.7	381.9	390.1	398.2	406.4	410.5	373.2	298.7	224.1	149.6	75.0
107.5°	460.9	467.7	474.6	481.4	488.3	491.7	445.7	353.6	261.5	169.5	77.4
110°	544.5	550.2	556.0	561.7	567.4	570.3	530.8	451.9	373.0	294.0	215.1

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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	623.2	628.1	633.0	637.9	642.8	645.3	643.0	638.3	633.7	629.0	624.4
115°	706.8	711.4	716.1	720.7	725.4	727.7	731.1	737.9	744.8	751.6	758.4
117.5°	779.3	784.8	790.2	795.7	801.2	803.9	806.2	810.9	815.5	820.2	824.8
120°	860.4	864.5	868.6	872.7	876.8	878.9	881.4	886.3	891.2	896.1	901.0
122.5°	929.2	933.6	938.0	942.3	946.7	948.9	951.6	957.1	962.6	968.0	973.5
125°	999.3	1002.9	1006.4	1010.0	1013.5	1015.3	1017.9	1023.1	1028.2	1033.4	1038.6
127.5°	1063.2	1067.0	1070.8	1074.7	1078.5	1080.4	1082.5	1086.6	1090.7	1094.8	1098.9
130°	1123.5	1127.9	1132.2	1136.6	1140.9	1143.1	1144.6	1147.6	1150.6	1153.6	1156.6
132.5°	1184.9	1188.5	1192.0	1195.6	1199.1	1200.9	1202.4	1205.4	1208.4	1211.4	1214.4
135°	1236.5	1240.9	1245.3	1249.6	1254.0	1256.2	1257.4	1259.9	1262.4	1264.8	1267.3
137.5°	1290.6	1293.9	1297.2	1300.5	1303.8	1305.4	1306.8	1309.5	1312.2	1315.0	1317.7
140°	1343.5	1345.7	1347.9	1350.0	1352.2	1353.3	1354.8	1357.8	1360.8	1363.8	1366.8
142.5°	1387.7	1389.6	1391.5	1393.4	1395.3	1396.3	1398.1	1401.6	1405.2	1408.7	1412.3
145°	1434.4	1434.1	1433.9	1433.6	1433.3	1433.2	1435.5	1440.2	1444.8	1449.5	1454.1
147.5°	1475.0	1474.2	1473.4	1472.5	1471.7	1471.3	1473.6	1478.3	1482.9	1487.6	1492.2
150°	1514.3	1512.4	1510.5	1508.6	1506.7	1505.7	1507.9	1512.3	1516.6	1521.0	1525.4
152.5°	1547.5	1545.3	1543.1	1541.0	1538.8	1537.7	1539.7	1543.8	1547.9	1552.0	1556.1
155°	1579.5	1577.0	1574.6	1572.1	1569.6	1568.4	1570.0	1573.3	1576.6	1579.9	1583.2
157.5°	1605.3	1603.1	1600.9	1598.8	1596.6	1595.5	1596.7	1599.2	1601.6	1604.1	1606.5
160°	1627.4	1625.8	1624.1	1622.5	1620.8	1620.0	1620.8	1622.5	1624.1	1625.8	1627.4
162.5°	1647.1	1645.5	1643.8	1642.2	1640.5	1639.7	1640.4	1641.8	1643.1	1644.5	1645.9
165°	1664.3	1662.7	1661.0	1659.4	1657.7	1656.9	1657.3	1658.1	1659.0	1659.8	1660.6
167.5°	1677.8	1676.2	1674.5	1672.9	1671.2	1670.4	1670.8	1671.6	1672.5	1673.3	1674.1
170°	1688.9	1687.3	1685.6	1684.0	1682.3	1681.5	1681.8	1682.3	1682.9	1683.4	1684.0
172.5°	1696.2	1694.6	1693.0	1691.3	1689.7	1688.9	1689.2	1689.7	1690.2	1690.8	1691.3
175°	1702.4	1700.5	1698.6	1696.7	1694.8	1693.8	1694.1	1694.6	1695.1	1695.7	1696.2
177.5°	1704.9	1703.0	1701.0	1699.1	1697.2	1696.2	1696.3	1696.6	1696.9	1697.2	1697.5
180°	1698.7	1698.7	1698.7	1698.7	1698.7	1698.7	1698.7	1698.7	1698.7	1698.7	1698.7

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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	577.9	577.9	577.9	577.9	577.9	577.9	577.9	577.9	577.9	577.9	577.9
2.5°	600.5	601.0	601.9	606.3	608.5	609.0	607.2	611.2	612.5	611.2	610.3
5°	629.0	631.6	637.0	642.7	642.3	642.7	645.4	648.1	649.0	645.4	646.7
7.5°	653.8	659.2	665.0	673.8	673.8	678.3	680.1	682.3	687.6	684.9	684.1
10°	682.3	689.4	700.0	714.3	714.7	719.1	723.6	730.7	732.9	731.1	732.0
12.5°	717.8	731.6	732.5	748.0	755.1	756.0	763.1	761.8	766.2	766.2	773.8
15°	733.4	754.7	766.7	781.8	786.2	780.9	786.7	792.9	793.3	793.3	792.9
17.5°	761.3	769.8	781.8	789.8	791.5	791.5	792.0	794.7	792.9	789.3	792.0
20°	767.1	770.7	775.1	774.2	775.1	770.7	766.2	761.8	762.2	760.0	766.7
22.5°	756.5	755.6	745.3	738.7	738.7	729.8	721.4	717.4	713.4	714.7	716.9
25°	729.8	716.0	703.6	693.8	691.6	677.4	665.8	662.3	655.6	661.0	661.8
27.5°	687.2	671.6	651.6	643.2	631.6	625.9	617.9	607.2	593.4	601.4	600.1
30°	641.4	618.3	601.9	581.4	563.2	561.9	546.8	529.0	521.9	521.9	525.9
32.5°	590.3	559.7	535.7	506.8	489.1	481.5	463.3	445.5	449.5	436.2	441.1
35°	530.8	490.4	460.2	432.2	418.9	410.0	386.4	376.7	366.0	359.8	371.3
37.5°	473.9	427.3	388.7	358.0	353.1	337.1	321.1	314.9	308.7	311.4	310.9
40°	404.7	363.3	328.7	304.7	296.3	288.7	278.1	270.5	266.5	268.7	269.2
42.5°	342.0	307.4	281.6	264.7	257.6	252.3	247.0	240.8	239.4	239.4	241.2
45°	293.6	265.2	247.9	234.1	230.1	226.1	222.1	219.4	218.5	216.8	218.1
47.5°	255.0	232.3	221.7	211.4	207.0	206.1	202.6	201.2	199.4	199.0	199.4
50°	222.5	208.3	198.6	192.8	189.7	188.3	186.6	183.9	183.0	185.2	184.3
52.5°	199.9	186.6	181.2	175.5	173.7	171.9	169.2	169.7	169.2	168.3	168.3
55°	177.2	168.8	163.5	159.0	158.6	156.8	154.6	153.7	153.2	152.4	153.7
57.5°	159.0	152.4	147.5	143.5	141.7	141.7	139.5	137.7	137.7	137.3	137.7
60°	140.8	134.1	131.0	127.0	125.7	125.3	123.9	123.0	121.7	121.7	121.7
62.5°	123.9	118.6	115.0	111.5	111.9	109.7	107.9	107.0	107.0	107.5	107.5
65°	107.9	104.4	99.9	96.8	95.9	95.5	94.6	94.2	92.8	93.7	93.7
67.5°	93.3	88.4	85.7	84.4	83.1	82.6	81.7	80.8	80.4	80.0	80.8
70°	78.6	74.6	72.4	71.5	70.2	69.7	69.3	68.0	68.4	68.8	69.3
72.5°	65.3	61.7	61.3	58.6	58.6	58.6	56.9	57.7	57.3	56.4	57.3
75°	51.5	49.7	48.9	47.5	48.0	47.5	47.1	45.8	45.8	46.2	46.6
77.5°	40.9	39.1	38.6	37.3	36.4	37.3	36.4	36.0	36.0	36.4	36.4
80°	30.2	29.3	28.0	28.0	28.0	27.5	27.5	27.5	27.1	26.7	27.1
82.5°	20.0	20.0	19.5	19.1	19.5	18.7	19.1	19.1	19.1	19.1	19.1
85°	12.9	12.4	12.4	12.0	12.0	12.0	12.4	11.5	11.5	12.0	12.0
87.5°	5.8	5.8	5.8	6.2	5.8	5.8	5.8	6.2	5.8	5.8	5.8
90°	26.0	27.3	28.7	30.0	30.7	31.0	31.5	32.1	32.6	33.2	32.6
92.5°	30.1	30.6	31.2	31.7	32.0	32.1	32.4	32.7	32.9	33.2	32.9
95°	49.3	50.7	52.0	53.4	54.1	54.0	53.7	53.4	53.2	52.9	53.2
97.5°	63.5	64.3	65.2	66.0	66.4	66.5	66.8	67.1	67.3	67.6	67.3
100°	72.3	74.5	76.6	78.8	79.9	80.2	80.7	81.3	81.8	82.4	81.8
102.5°	75.5	78.5	81.5	84.5	86.0	86.4	87.2	88.1	88.9	89.7	88.9
105°	78.0	81.0	84.0	87.0	88.5	89.0	90.1	91.2	92.3	93.4	92.3
107.5°	80.4	83.4	86.5	89.5	91.0	91.5	92.6	93.7	94.8	95.9	94.8
110°	187.8	160.5	133.2	105.9	92.2	92.7	93.8	94.9	96.0	97.1	96.0

TEST NUMBER: P1029308

CATALOG NUMBER: S122DIW-B290D1240UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	506.7	388.9	271.2	153.5	94.6	95.0	95.8	96.7	97.5	98.3	97.5
115°	631.9	505.5	379.0	252.5	189.3	179.5	159.8	140.1	120.5	100.8	120.5
117.5°	785.7	746.7	707.6	668.5	649.0	613.2	541.7	470.1	398.6	327.0	398.6
120°	904.3	907.5	910.8	914.1	915.7	897.3	860.4	823.5	786.7	749.8	786.7
122.5°	975.1	976.8	978.4	980.1	980.9	981.0	981.3	981.6	981.8	982.1	981.8
125°	1040.5	1042.4	1044.3	1046.2	1047.2	1047.6	1048.4	1049.3	1050.1	1050.9	1050.1
127.5°	1101.6	1104.4	1107.1	1109.8	1111.2	1111.3	1111.6	1111.9	1112.1	1112.4	1112.1
130°	1159.6	1162.6	1165.7	1168.7	1170.2	1170.1	1169.8	1169.5	1169.2	1168.9	1169.2
132.5°	1216.9	1219.3	1221.8	1224.3	1225.5	1225.4	1225.1	1224.8	1224.5	1224.2	1224.5
135°	1270.0	1272.8	1275.5	1278.2	1279.6	1279.3	1278.8	1278.2	1277.7	1277.1	1277.7
137.5°	1320.4	1323.2	1325.9	1328.6	1330.0	1329.6	1328.8	1327.9	1327.1	1326.3	1327.1
140°	1369.3	1371.7	1374.2	1376.7	1377.9	1377.2	1375.8	1374.5	1373.1	1371.7	1373.1
142.5°	1414.5	1416.7	1418.8	1421.0	1422.1	1421.4	1420.1	1418.7	1417.4	1416.0	1417.4
145°	1456.0	1457.9	1459.8	1461.7	1462.7	1462.0	1460.7	1459.3	1458.0	1456.6	1458.0
147.5°	1493.6	1495.0	1496.3	1497.7	1498.4	1497.8	1496.7	1495.6	1494.5	1493.4	1494.5
150°	1527.0	1528.7	1530.3	1532.0	1532.8	1532.1	1530.7	1529.4	1528.0	1526.6	1528.0
152.5°	1557.7	1559.4	1561.0	1562.7	1563.5	1562.5	1560.6	1558.7	1556.8	1554.9	1556.8
155°	1584.8	1586.4	1588.1	1589.7	1590.5	1589.4	1587.2	1585.1	1582.9	1580.7	1582.9
157.5°	1608.4	1610.3	1612.2	1614.1	1615.1	1614.0	1611.8	1609.7	1607.5	1605.3	1607.5
160°	1629.0	1630.7	1632.3	1634.0	1634.8	1633.8	1631.9	1630.0	1628.1	1626.2	1628.1
162.5°	1647.8	1649.7	1651.6	1653.5	1654.5	1653.3	1650.8	1648.3	1645.9	1643.4	1645.9
165°	1662.5	1664.4	1666.3	1668.2	1669.2	1668.2	1666.3	1664.4	1662.5	1660.6	1662.5
167.5°	1676.0	1677.9	1679.8	1681.7	1682.7	1681.5	1679.0	1676.6	1674.1	1671.7	1674.1
170°	1685.9	1687.8	1689.7	1691.6	1692.6	1691.4	1688.9	1686.4	1684.0	1681.5	1684.0
172.5°	1693.2	1695.1	1697.0	1698.9	1699.9	1698.7	1696.2	1693.8	1691.3	1688.9	1691.3
175°	1698.1	1700.1	1702.0	1703.9	1704.9	1703.5	1700.8	1698.1	1695.3	1692.6	1695.3
177.5°	1699.4	1701.3	1703.2	1705.1	1706.1	1704.9	1702.4	1699.9	1697.5	1695.0	1697.5
180°	1698.7	1698.7	1698.7	1698.7	1698.7	1698.7	1698.7	1698.7	1698.7	1698.7	1698.7

TEST NUMBER: P1029308

CATALOG NUMBER: S122DIW-B290D1240UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	577.9	577.9	577.9	577.9	577.9	577.9	577.9	577.9	577.9	577.9	577.9
2.5°	612.5	609.4	606.8	607.2	609.4	607.7	603.2	597.4	595.2	592.5	595.2
5°	649.4	646.7	641.4	641.9	640.5	638.7	631.6	622.8	622.8	615.6	614.8
7.5°	685.8	681.8	678.3	677.4	672.5	668.9	662.7	650.3	645.4	637.0	632.1
10°	726.7	723.6	719.6	714.7	712.0	705.8	695.6	677.4	668.5	657.0	648.5
12.5°	768.0	767.6	758.7	748.9	748.5	738.7	731.6	707.1	695.2	679.6	659.6
15°	794.2	792.0	787.1	782.2	783.5	772.9	756.9	728.0	720.0	701.4	680.1
17.5°	793.8	793.8	792.4	791.5	790.2	787.1	778.2	759.1	746.2	722.7	702.7
20°	768.4	774.2	775.6	775.1	779.6	781.8	781.3	769.3	759.1	738.2	717.8
22.5°	717.8	731.1	736.9	740.5	749.8	754.7	766.2	761.8	759.1	743.6	726.2
25°	670.7	675.2	692.5	693.4	706.3	718.3	729.8	737.4	747.1	741.4	726.7
27.5°	609.9	620.1	632.5	641.9	644.5	668.9	688.0	702.3	724.5	726.2	721.4
30°	541.0	545.9	566.3	578.8	593.0	610.8	638.3	662.7	682.7	700.9	707.1
32.5°	457.1	477.1	489.1	504.2	516.6	548.1	581.9	613.4	636.5	667.2	680.5
35°	380.2	395.8	416.2	422.4	445.1	471.7	515.7	556.1	591.2	622.3	649.4
37.5°	316.7	329.1	350.9	360.7	374.0	408.2	445.1	495.3	537.5	575.7	609.4
40°	273.2	282.5	298.9	302.0	313.2	344.2	374.0	421.1	477.1	528.6	565.5
42.5°	243.4	247.9	259.0	263.0	270.1	290.9	317.6	362.0	414.0	467.3	519.3
45°	222.1	225.2	231.9	235.4	244.3	253.6	275.4	310.9	351.8	405.5	461.5
47.5°	203.0	207.0	209.7	211.9	216.8	227.0	241.2	267.4	306.5	355.8	410.0
50°	187.0	188.3	193.2	193.7	196.8	203.4	216.8	232.8	263.8	303.8	356.2
52.5°	171.0	172.3	175.5	178.6	179.9	185.2	194.1	207.4	230.5	262.1	308.7
55°	155.0	156.8	159.9	162.1	163.5	167.9	173.2	186.1	204.3	226.5	264.7
57.5°	139.0	143.0	143.9	145.2	147.5	152.4	157.2	164.8	179.0	199.4	227.4
60°	123.9	125.3	128.4	129.7	131.9	134.6	140.8	146.6	156.8	172.8	198.1
62.5°	108.4	111.5	112.8	114.2	115.9	119.0	123.0	129.3	138.1	151.0	171.0
65°	95.1	95.5	98.2	99.9	101.7	103.9	107.9	113.7	119.0	131.0	145.7
67.5°	82.2	83.1	84.0	85.7	87.9	90.2	93.7	96.8	103.5	111.5	123.0
70°	69.7	69.7	72.0	73.3	72.8	75.5	78.2	81.7	86.6	94.2	103.5
72.5°	58.6	58.2	60.0	60.4	61.3	63.1	64.9	68.4	71.1	76.8	84.0
75°	46.6	47.5	48.4	48.4	49.7	51.1	52.9	54.6	57.7	61.3	66.6
77.5°	36.9	36.9	37.8	38.2	39.5	39.1	40.9	42.6	44.9	48.0	52.0
80°	27.1	28.0	28.0	28.0	28.4	28.9	30.6	32.0	33.3	35.5	37.3
82.5°	19.1	19.1	20.0	20.0	20.0	20.9	20.9	21.3	22.2	23.5	24.9
85°	12.0	12.0	12.0	12.4	12.0	12.4	13.3	12.9	13.3	14.2	14.2
87.5°	5.8	5.8	5.8	5.8	5.8	6.2	5.8	6.2	6.7	6.7	6.7
90°	32.1	31.5	31.0	30.7	30.0	28.7	27.3	26.0	24.6	22.4	20.2
92.5°	32.7	32.4	32.1	32.0	31.7	31.2	30.6	30.1	29.5	28.7	27.9
95°	53.4	53.7	54.0	54.1	53.4	52.0	50.7	49.3	47.9	46.0	44.1
97.5°	67.1	66.8	66.5	66.4	66.0	65.2	64.3	63.5	62.7	58.3	53.9
100°	81.3	80.7	80.2	79.9	78.8	76.6	74.5	72.3	70.1	65.5	60.8
102.5°	88.1	87.2	86.4	86.0	84.5	81.5	78.5	75.5	72.5	122.2	171.9
105°	91.2	90.1	89.0	88.5	87.0	84.0	81.0	78.0	75.0	149.6	224.1
107.5°	93.7	92.6	91.5	91.0	89.5	86.5	83.4	80.4	77.4	169.5	261.5
110°	94.9	93.8	92.7	92.2	105.9	133.2	160.5	187.8	215.1	294.0	373.0

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CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	96.7	95.8	95.0	94.6	153.5	271.2	388.9	506.7	624.4	629.0	633.7
115°	140.1	159.8	179.5	189.3	252.5	379.0	505.5	631.9	758.4	751.6	744.8
117.5°	470.1	541.7	613.2	649.0	668.5	707.6	746.7	785.7	824.8	820.2	815.5
120°	823.5	860.4	897.3	915.7	914.1	910.8	907.5	904.3	901.0	896.1	891.2
122.5°	981.6	981.3	981.0	980.9	980.1	978.4	976.8	975.1	973.5	968.0	962.6
125°	1049.3	1048.4	1047.6	1047.2	1046.2	1044.3	1042.4	1040.5	1038.6	1033.4	1028.2
127.5°	1111.9	1111.6	1111.3	1111.2	1109.8	1107.1	1104.4	1101.6	1098.9	1094.8	1090.7
130°	1169.5	1169.8	1170.1	1170.2	1168.7	1165.7	1162.6	1159.6	1156.6	1153.6	1150.6
132.5°	1224.8	1225.1	1225.4	1225.5	1224.3	1221.8	1219.3	1216.9	1214.4	1211.4	1208.4
135°	1278.2	1278.8	1279.3	1279.6	1278.2	1275.5	1272.8	1270.0	1267.3	1264.8	1262.4
137.5°	1327.9	1328.8	1329.6	1330.0	1328.6	1325.9	1323.2	1320.4	1317.7	1315.0	1312.2
140°	1374.5	1375.8	1377.2	1377.9	1376.7	1374.2	1371.7	1369.3	1366.8	1363.8	1360.8
142.5°	1418.7	1420.1	1421.4	1422.1	1421.0	1418.8	1416.7	1414.5	1412.3	1408.7	1405.2
145°	1459.3	1460.7	1462.0	1462.7	1461.7	1459.8	1457.9	1456.0	1454.1	1449.5	1444.8
147.5°	1495.6	1496.7	1497.8	1498.4	1497.7	1496.3	1495.0	1493.6	1492.2	1487.6	1482.9
150°	1529.4	1530.7	1532.1	1532.8	1532.0	1530.3	1528.7	1527.0	1525.4	1521.0	1516.6
152.5°	1558.7	1560.6	1562.5	1563.5	1562.7	1561.0	1559.4	1557.7	1556.1	1552.0	1547.9
155°	1585.1	1587.2	1589.4	1590.5	1589.7	1588.1	1586.4	1584.8	1583.2	1579.9	1576.6
157.5°	1609.7	1611.8	1614.0	1615.1	1614.1	1612.2	1610.3	1608.4	1606.5	1604.1	1601.6
160°	1630.0	1631.9	1633.8	1634.8	1634.0	1632.3	1630.7	1629.0	1627.4	1625.8	1624.1
162.5°	1648.3	1650.8	1653.3	1654.5	1653.5	1651.6	1649.7	1647.8	1645.9	1644.5	1643.1
165°	1664.4	1666.3	1668.2	1669.2	1668.2	1666.3	1664.4	1662.5	1660.6	1659.8	1659.0
167.5°	1676.6	1679.0	1681.5	1682.7	1681.7	1679.8	1677.9	1676.0	1674.1	1673.3	1672.5
170°	1686.4	1688.9	1691.4	1692.6	1691.6	1689.7	1687.8	1685.9	1684.0	1683.4	1682.9
172.5°	1693.8	1696.2	1698.7	1699.9	1698.9	1697.0	1695.1	1693.2	1691.3	1690.8	1690.2
175°	1698.1	1700.8	1703.5	1704.9	1703.9	1702.0	1700.1	1698.1	1696.2	1695.7	1695.1
177.5°	1699.9	1702.4	1704.9	1706.1	1705.1	1703.2	1701.3	1699.4	1697.5	1697.2	1696.9
180°	1698.7	1698.7	1698.7	1698.7	1698.7	1698.7	1698.7	1698.7	1698.7	1698.7	1698.7

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CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
0°	577.9	577.9	577.9	577.9	577.9	577.9	577.9	577.9	577.9	577.9	577.9
2.5°	593.0	590.8	589.4	590.3	587.7	581.0	581.0	583.2	580.6	577.9	573.9
5°	609.4	605.0	602.3	601.9	595.7	585.0	582.8	580.6	574.8	568.6	561.9
7.5°	625.4	617.4	613.0	609.9	601.0	587.2	581.4	576.6	567.2	557.9	549.5
10°	638.7	627.2	621.9	617.0	605.4	588.1	578.8	569.9	557.9	545.9	535.2
12.5°	649.4	636.1	629.4	622.3	608.1	585.4	573.9	559.7	547.7	531.7	521.0
15°	667.2	639.6	633.4	626.8	612.1	581.0	566.8	550.8	534.4	513.0	501.5
17.5°	681.4	644.5	644.1	629.9	610.8	579.2	557.5	536.6	518.8	497.5	479.3
20°	689.8	652.1	645.0	630.3	606.3	567.2	544.6	521.5	502.4	476.6	458.4
22.5°	696.9	662.7	644.1	626.3	597.0	563.2	529.9	508.2	481.9	454.0	436.6
25°	699.6	665.0	645.4	625.0	590.3	551.7	513.9	490.4	461.1	435.7	412.2
27.5°	700.0	664.5	640.5	619.2	581.0	536.6	497.9	473.1	440.6	411.3	387.8
30°	695.6	659.6	637.9	614.8	572.1	522.8	478.4	450.9	416.2	386.9	362.5
32.5°	682.3	649.8	632.1	606.8	560.6	503.7	459.7	429.1	392.7	363.8	340.2
35°	660.1	637.9	618.3	594.8	545.5	485.9	441.1	405.1	368.2	340.7	318.5
37.5°	632.5	620.5	602.3	579.2	528.1	470.0	420.2	380.2	343.4	316.7	294.9
40°	595.2	598.3	580.6	559.7	507.7	448.2	393.1	354.9	320.3	295.4	274.1
42.5°	554.8	567.7	557.5	537.5	485.1	424.2	373.1	330.9	297.2	271.4	253.6
45°	511.3	533.5	527.3	512.6	461.5	398.9	344.7	303.8	274.1	249.2	233.6
47.5°	463.7	495.3	495.3	484.6	435.3	373.6	320.3	278.5	249.2	231.4	216.3
50°	415.3	450.9	456.6	449.5	406.0	344.7	290.5	252.7	227.4	210.1	199.0
52.5°	364.7	406.0	416.6	413.1	374.9	317.2	266.1	229.2	206.1	191.0	181.2
55°	316.3	364.2	375.8	377.1	341.6	286.9	239.0	206.5	184.3	174.1	165.7
57.5°	270.5	316.7	329.6	331.8	307.8	259.4	213.7	185.2	165.2	156.8	150.1
60°	231.4	270.1	286.9	291.8	271.0	227.4	190.1	162.6	147.5	139.5	133.3
62.5°	199.4	230.5	248.3	249.6	240.3	199.4	165.7	142.6	129.7	122.6	119.5
65°	168.3	196.3	207.0	212.3	204.8	172.8	143.0	123.9	113.7	107.5	104.4
67.5°	143.5	161.2	170.1	177.2	169.7	145.7	121.7	106.2	98.6	92.4	90.6
70°	117.7	132.4	139.0	146.1	139.5	121.3	103.9	89.7	83.1	78.2	76.0
72.5°	94.2	105.7	111.9	116.4	112.4	97.3	83.1	73.3	68.4	64.9	63.5
75°	74.6	82.6	86.2	89.3	87.5	76.0	67.1	59.1	54.6	51.5	50.6
77.5°	56.9	62.6	66.6	67.5	65.3	57.7	50.2	45.3	41.8	40.0	39.1
80°	40.4	44.0	46.2	47.5	45.3	42.2	36.9	33.3	30.2	28.0	27.5
82.5°	27.1	28.9	30.6	30.2	29.3	26.7	23.5	21.8	20.4	18.7	18.7
85°	15.5	16.0	16.9	17.3	16.9	15.1	13.3	12.4	11.5	10.2	10.2
87.5°	6.7	7.1	7.1	7.6	6.7	6.7	5.8	4.9	4.9	4.4	4.0
90°	18.0	15.8	14.7	13.2	10.2	7.2	4.2	1.2	4.2	7.2	10.2
92.5°	27.0	26.2	25.8	26.3	27.4	28.5	29.6	30.7	29.6	28.5	27.4
95°	42.2	40.3	39.3	43.8	52.8	61.9	70.9	79.9	70.9	61.9	52.8
97.5°	49.6	45.2	43.0	54.2	76.6	99.0	121.4	143.8	121.4	99.0	76.6
100°	56.2	51.5	49.2	67.9	105.3	142.8	180.2	217.6	180.2	142.8	105.3
102.5°	221.6	271.3	296.2	296.5	297.0	297.6	298.1	298.7	298.1	297.6	297.0
105°	298.7	373.2	410.5	406.4	398.2	390.1	381.9	373.7	381.9	390.1	398.2
107.5°	353.6	445.7	491.7	488.3	481.4	474.6	467.7	460.9	467.7	474.6	481.4
110°	451.9	530.8	570.3	567.4	561.7	556.0	550.2	544.5	550.2	556.0	561.7

TEST NUMBER: P1029308

CATALOG NUMBER: S122DIW-B290D1240UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
112.5°	638.3	643.0	645.3	642.8	637.9	633.0	628.1	623.2	628.1	633.0	637.9
115°	737.9	731.1	727.7	725.4	720.7	716.1	711.4	706.8	711.4	716.1	720.7
117.5°	810.9	806.2	803.9	801.2	795.7	790.2	784.8	779.3	784.8	790.2	795.7
120°	886.3	881.4	878.9	876.8	872.7	868.6	864.5	860.4	864.5	868.6	872.7
122.5°	957.1	951.6	948.9	946.7	942.3	938.0	933.6	929.2	933.6	938.0	942.3
125°	1023.1	1017.9	1015.3	1013.5	1010.0	1006.4	1002.9	999.3	1002.9	1006.4	1010.0
127.5°	1086.6	1082.5	1080.4	1078.5	1074.7	1070.8	1067.0	1063.2	1067.0	1070.8	1074.7
130°	1147.6	1144.6	1143.1	1140.9	1136.6	1132.2	1127.9	1123.5	1127.9	1132.2	1136.6
132.5°	1205.4	1202.4	1200.9	1199.1	1195.6	1192.0	1188.5	1184.9	1188.5	1192.0	1195.6
135°	1259.9	1257.4	1256.2	1254.0	1249.6	1245.3	1240.9	1236.5	1240.9	1245.3	1249.6
137.5°	1309.5	1306.8	1305.4	1303.8	1300.5	1297.2	1293.9	1290.6	1293.9	1297.2	1300.5
140°	1357.8	1354.8	1353.3	1352.2	1350.0	1347.9	1345.7	1343.5	1345.7	1347.9	1350.0
142.5°	1401.6	1398.1	1396.3	1395.3	1393.4	1391.5	1389.6	1387.7	1389.6	1391.5	1393.4
145°	1440.2	1435.5	1433.2	1433.3	1433.6	1433.9	1434.1	1434.4	1434.1	1433.9	1433.6
147.5°	1478.3	1473.6	1471.3	1471.7	1472.5	1473.4	1474.2	1475.0	1474.2	1473.4	1472.5
150°	1512.3	1507.9	1505.7	1506.7	1508.6	1510.5	1512.4	1514.3	1512.4	1510.5	1508.6
152.5°	1543.8	1539.7	1537.7	1538.8	1541.0	1543.1	1545.3	1547.5	1545.3	1543.1	1541.0
155°	1573.3	1570.0	1568.4	1569.6	1572.1	1574.6	1577.0	1579.5	1577.0	1574.6	1572.1
157.5°	1599.2	1596.7	1595.5	1596.6	1598.8	1600.9	1603.1	1605.3	1603.1	1600.9	1598.8
160°	1622.5	1620.8	1620.0	1620.8	1622.5	1624.1	1625.8	1627.4	1625.8	1624.1	1622.5
162.5°	1641.8	1640.4	1639.7	1640.5	1642.2	1643.8	1645.5	1647.1	1645.5	1643.8	1642.2
165°	1658.1	1657.3	1656.9	1657.7	1659.4	1661.0	1662.7	1664.3	1662.7	1661.0	1659.4
167.5°	1671.6	1670.8	1670.4	1671.2	1672.9	1674.5	1676.2	1677.8	1676.2	1674.5	1672.9
170°	1682.3	1681.8	1681.5	1682.3	1684.0	1685.6	1687.3	1688.9	1687.3	1685.6	1684.0
172.5°	1689.7	1689.2	1688.9	1689.7	1691.3	1693.0	1694.6	1696.2	1694.6	1693.0	1691.3
175°	1694.6	1694.1	1693.8	1694.8	1696.7	1698.6	1700.5	1702.4	1700.5	1698.6	1696.7
177.5°	1696.6	1696.3	1696.2	1697.2	1699.1	1701.0	1703.0	1704.9	1703.0	1701.0	1699.1
180°	1698.7	1698.7	1698.7	1698.7	1698.7	1698.7	1698.7	1698.7	1698.7	1698.7	1698.7

TEST NUMBER: P1029308

CATALOG NUMBER: S122DIW-B290D1240UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
0°	577.9	577.9	577.9	577.9	577.9	577.9	577.9	577.9	577.9	577.9	577.9
2.5°	571.7	573.9	573.4	569.0	564.1	560.1	552.6	553.5	550.8	551.2	553.9
5°	557.5	557.5	555.7	549.5	541.5	537.0	528.6	526.4	521.0	520.6	520.1
7.5°	542.4	540.1	537.9	529.0	519.3	512.1	500.6	497.9	492.6	489.1	487.3
10°	524.6	521.5	517.0	506.8	494.8	485.9	473.9	470.4	460.2	455.7	453.1
12.5°	505.0	503.3	496.2	487.7	468.2	458.4	441.1	444.6	434.4	425.5	424.2
15°	485.5	478.8	474.8	461.1	437.5	433.1	419.3	412.2	402.9	395.8	395.8
17.5°	466.4	456.2	447.3	432.6	415.3	402.9	392.7	389.1	377.6	370.5	369.1
20°	441.1	429.5	427.3	406.4	394.4	380.7	370.9	362.0	353.6	350.5	348.2
22.5°	417.1	403.8	400.2	382.4	370.5	356.7	346.9	340.7	334.5	332.3	328.3
25°	391.3	383.3	378.0	358.9	345.6	332.7	326.0	321.6	315.8	315.4	312.7
27.5°	366.5	358.9	353.6	335.4	325.6	313.6	308.3	303.4	300.3	298.9	297.6
30°	345.1	336.7	330.5	317.2	305.2	295.4	290.9	287.8	286.1	283.8	283.4
32.5°	321.6	316.7	308.3	298.1	288.7	279.4	276.7	274.5	271.8	271.0	270.5
35°	301.6	294.9	289.6	278.1	274.1	266.1	263.0	261.2	257.6	256.7	255.9
37.5°	282.1	275.8	270.1	263.0	255.4	251.0	249.2	246.5	244.7	245.2	244.3
40°	262.5	257.6	253.2	245.6	241.2	239.0	235.4	232.8	231.9	232.3	231.9
42.5°	243.4	239.0	236.3	230.5	226.1	223.9	221.7	219.0	220.3	220.3	221.7
45°	226.1	222.1	220.3	215.9	213.2	209.7	207.4	207.0	208.8	208.3	208.3
47.5°	208.3	207.0	204.8	200.8	197.2	195.0	194.6	194.6	196.3	197.2	196.8
50°	194.6	191.9	189.2	186.1	183.4	182.6	181.2	182.1	183.9	183.9	184.8
52.5°	177.2	175.5	174.6	171.9	170.1	170.1	170.1	170.6	171.9	173.2	172.8
55°	162.1	160.8	159.9	158.6	156.4	156.8	156.4	157.2	158.6	159.9	160.8
57.5°	146.1	145.7	144.8	142.6	142.6	142.1	143.5	143.9	146.1	147.0	148.4
60°	131.9	130.6	130.6	128.8	128.8	128.8	130.1	131.5	133.3	133.7	134.6
62.5°	116.8	116.8	116.4	115.0	115.0	116.4	116.8	118.6	119.5	119.5	120.8
65°	102.6	102.2	101.7	102.2	102.6	102.6	103.9	104.8	105.7	106.2	106.6
67.5°	88.4	87.9	88.8	88.4	89.3	91.1	90.6	91.9	93.3	93.3	93.7
70°	75.1	76.0	75.5	76.4	76.0	76.8	78.2	78.6	78.6	79.1	80.4
72.5°	62.6	62.6	62.6	62.2	62.6	63.5	64.4	64.9	65.7	66.2	67.5
75°	50.6	50.6	49.7	50.6	50.6	51.5	52.4	52.4	52.4	53.3	54.6
77.5°	38.2	38.6	38.2	39.1	39.1	39.5	40.4	40.0	40.9	41.3	41.8
80°	28.0	27.5	27.5	27.5	28.0	28.0	28.9	29.3	29.3	30.6	29.8
82.5°	17.8	18.2	17.8	18.2	18.2	18.7	18.2	18.7	19.1	20.0	19.5
85°	10.2	9.8	9.8	10.2	9.8	9.8	10.2	9.8	10.2	9.8	10.2
87.5°	4.0	3.6	3.6	3.6	3.6	3.1	3.1	2.7	2.7	2.7	2.2
90°	13.2	14.7	15.8	18.0	20.2	22.4	24.6	26.0	27.3	28.7	30.0
92.5°	26.3	25.8	26.2	27.0	27.9	28.7	29.5	30.1	30.6	31.2	31.7
95°	43.8	39.3	40.3	42.2	44.1	46.0	47.9	49.3	50.7	52.0	53.4
97.5°	54.2	43.0	45.2	49.6	53.9	58.3	62.7	63.5	64.3	65.2	66.0
100°	67.9	49.2	51.5	56.2	60.8	65.5	70.1	72.3	74.5	76.6	78.8
102.5°	296.5	296.2	271.3	221.6	171.9	122.2	72.5	75.5	78.5	81.5	84.5
105°	406.4	410.5	373.2	298.7	224.1	149.6	75.0	78.0	81.0	84.0	87.0
107.5°	488.3	491.7	445.7	353.6	261.5	169.5	77.4	80.4	83.4	86.5	89.5
110°	567.4	570.3	530.8	451.9	373.0	294.0	215.1	187.8	160.5	133.2	105.9

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CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
112.5°	642.8	645.3	643.0	638.3	633.7	629.0	624.4	506.7	388.9	271.2	153.5
115°	725.4	727.7	731.1	737.9	744.8	751.6	758.4	631.9	505.5	379.0	252.5
117.5°	801.2	803.9	806.2	810.9	815.5	820.2	824.8	785.7	746.7	707.6	668.5
120°	876.8	878.9	881.4	886.3	891.2	896.1	901.0	904.3	907.5	910.8	914.1
122.5°	946.7	948.9	951.6	957.1	962.6	968.0	973.5	975.1	976.8	978.4	980.1
125°	1013.5	1015.3	1017.9	1023.1	1028.2	1033.4	1038.6	1040.5	1042.4	1044.3	1046.2
127.5°	1078.5	1080.4	1082.5	1086.6	1090.7	1094.8	1098.9	1101.6	1104.4	1107.1	1109.8
130°	1140.9	1143.1	1144.6	1147.6	1150.6	1153.6	1156.6	1159.6	1162.6	1165.7	1168.7
132.5°	1199.1	1200.9	1202.4	1205.4	1208.4	1211.4	1214.4	1216.9	1219.3	1221.8	1224.3
135°	1254.0	1256.2	1257.4	1259.9	1262.4	1264.8	1267.3	1270.0	1272.8	1275.5	1278.2
137.5°	1303.8	1305.4	1306.8	1309.5	1312.2	1315.0	1317.7	1320.4	1323.2	1325.9	1328.6
140°	1352.2	1353.3	1354.8	1357.8	1360.8	1363.8	1366.8	1369.3	1371.7	1374.2	1376.7
142.5°	1395.3	1396.3	1398.1	1401.6	1405.2	1408.7	1412.3	1414.5	1416.7	1418.8	1421.0
145°	1433.3	1433.2	1435.5	1440.2	1444.8	1449.5	1454.1	1456.0	1457.9	1459.8	1461.7
147.5°	1471.7	1471.3	1473.6	1478.3	1482.9	1487.6	1492.2	1493.6	1495.0	1496.3	1497.7
150°	1506.7	1505.7	1507.9	1512.3	1516.6	1521.0	1525.4	1527.0	1528.7	1530.3	1532.0
152.5°	1538.8	1537.7	1539.7	1543.8	1547.9	1552.0	1556.1	1557.7	1559.4	1561.0	1562.7
155°	1569.6	1568.4	1570.0	1573.3	1576.6	1579.9	1583.2	1584.8	1586.4	1588.1	1589.7
157.5°	1596.6	1595.5	1596.7	1599.2	1601.6	1604.1	1606.5	1608.4	1610.3	1612.2	1614.1
160°	1620.8	1620.0	1620.8	1622.5	1624.1	1625.8	1627.4	1629.0	1630.7	1632.3	1634.0
162.5°	1640.5	1639.7	1640.4	1641.8	1643.1	1644.5	1645.9	1647.8	1649.7	1651.6	1653.5
165°	1657.7	1656.9	1657.3	1658.1	1659.0	1659.8	1660.6	1662.5	1664.4	1666.3	1668.2
167.5°	1671.2	1670.4	1670.8	1671.6	1672.5	1673.3	1674.1	1676.0	1677.9	1679.8	1681.7
170°	1682.3	1681.5	1681.8	1682.3	1682.9	1683.4	1684.0	1685.9	1687.8	1689.7	1691.6
172.5°	1689.7	1688.9	1689.2	1689.7	1690.2	1690.8	1691.3	1693.2	1695.1	1697.0	1698.9
175°	1694.8	1693.8	1694.1	1694.6	1695.1	1695.7	1696.2	1698.1	1700.1	1702.0	1703.9
177.5°	1697.2	1696.2	1696.3	1696.6	1696.9	1697.2	1697.5	1699.4	1701.3	1703.2	1705.1
180°	1698.7	1698.7	1698.7	1698.7	1698.7	1698.7	1698.7	1698.7	1698.7	1698.7	1698.7

TEST NUMBER: P1029308

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CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
0°	577.9	577.9	577.9	577.9	577.9	577.9	577.9	577.9	577.9	577.9	577.9
2.5°	550.8	552.1	549.0	548.1	549.0	545.9	546.8	547.7	547.7	549.0	549.9
5°	518.8	517.0	513.9	513.0	512.1	513.5	512.6	513.9	514.4	517.5	517.9
7.5°	487.3	484.6	481.9	479.3	478.4	476.2	478.4	478.4	481.5	480.6	482.8
10°	450.0	449.5	446.0	444.6	442.9	439.3	444.2	442.9	445.1	449.1	450.0
12.5°	422.4	417.5	419.8	413.5	415.8	412.2	412.7	412.7	416.2	416.6	415.8
15°	396.2	392.2	386.4	383.8	382.4	380.7	386.4	386.9	384.2	390.4	388.2
17.5°	369.6	369.6	364.2	362.9	359.3	361.1	360.2	360.7	359.8	364.2	366.5
20°	346.5	344.2	342.5	342.9	338.5	337.6	336.7	337.6	340.7	343.8	344.7
22.5°	327.8	326.5	322.0	322.9	319.4	320.7	319.8	322.0	322.5	322.5	325.6
25°	310.0	308.3	308.7	306.9	305.6	305.6	304.3	305.6	307.4	308.3	308.7
27.5°	296.7	295.4	293.2	291.8	292.7	290.5	292.3	293.6	293.6	292.7	293.6
30°	280.7	281.6	281.6	277.2	279.0	278.1	279.4	280.3	280.3	280.7	279.8
32.5°	270.1	267.4	267.0	266.5	266.5	264.7	264.7	266.1	266.5	267.0	268.3
35°	255.9	255.9	253.6	255.0	253.2	253.6	253.2	253.6	254.5	253.2	254.5
37.5°	243.0	243.4	242.5	243.4	243.9	243.0	242.1	243.9	243.0	243.0	242.1
40°	231.9	231.4	231.9	231.9	231.9	232.3	231.4	231.4	231.4	230.5	229.6
42.5°	222.5	219.9	220.8	221.2	219.9	219.9	220.3	219.9	221.2	218.5	218.5
45°	209.2	208.3	208.8	208.8	209.7	208.3	209.2	209.7	208.3	207.9	207.0
47.5°	197.2	198.1	197.2	198.1	198.1	199.0	197.2	197.7	198.1	196.3	195.0
50°	185.2	185.2	186.6	186.1	186.6	185.7	185.7	185.2	185.7	184.8	183.4
52.5°	174.1	172.8	175.0	174.6	174.1	173.7	173.2	173.7	172.8	171.9	171.9
55°	160.4	160.4	161.7	162.1	162.1	161.2	160.4	160.8	160.4	159.9	159.5
57.5°	149.2	147.5	148.4	148.8	148.8	147.5	148.4	147.5	147.5	147.9	146.6
60°	135.0	135.0	134.1	135.5	135.5	134.6	134.6	135.0	134.1	133.7	133.3
62.5°	119.9	120.4	121.7	122.2	122.6	121.7	120.8	121.3	121.3	119.9	120.4
65°	107.0	107.9	109.7	109.3	108.4	108.8	107.9	108.4	107.0	107.5	106.2
67.5°	94.6	94.2	94.6	94.6	95.5	95.1	94.2	94.2	93.7	95.1	93.7
70°	81.3	81.3	81.3	81.3	81.7	82.2	81.3	80.4	80.8	80.0	79.5
72.5°	67.5	68.0	67.5	68.4	67.1	68.0	68.0	67.5	67.1	67.1	67.1
75°	54.6	55.5	54.2	54.6	54.2	55.1	54.6	54.6	53.7	53.3	53.7
77.5°	41.8	42.2	41.3	41.8	41.3	41.8	41.8	41.3	41.3	41.3	41.3
80°	29.8	30.2	29.8	29.3	28.9	29.8	28.9	29.3	29.8	29.3	30.2
82.5°	19.1	19.1	18.7	19.1	18.2	18.2	18.7	18.7	18.2	19.1	18.2
85°	9.3	9.3	10.2	9.3	8.9	8.9	8.9	9.3	8.9	9.8	9.3
87.5°	2.2	1.8	2.2	2.2	1.8	1.8	2.2	1.8	2.2	2.7	1.8
90°	30.7	31.0	31.5	32.1	32.6	33.2	32.6	32.1	31.5	31.0	30.7
92.5°	32.0	32.1	32.4	32.7	32.9	33.2	32.9	32.7	32.4	32.1	32.0
95°	54.1	54.0	53.7	53.4	53.2	52.9	53.2	53.4	53.7	54.0	54.1
97.5°	66.4	66.5	66.8	67.1	67.3	67.6	67.3	67.1	66.8	66.5	66.4
100°	79.9	80.2	80.7	81.3	81.8	82.4	81.8	81.3	80.7	80.2	79.9
102.5°	86.0	86.4	87.2	88.1	88.9	89.7	88.9	88.1	87.2	86.4	86.0
105°	88.5	89.0	90.1	91.2	92.3	93.4	92.3	91.2	90.1	89.0	88.5
107.5°	91.0	91.5	92.6	93.7	94.8	95.9	94.8	93.7	92.6	91.5	91.0
110°	92.2	92.7	93.8	94.9	96.0	97.1	96.0	94.9	93.8	92.7	92.2

TEST NUMBER: P1029308

CATALOG NUMBER: S122DIW-B290D1240UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
112.5°	94.6	95.0	95.8	96.7	97.5	98.3	97.5	96.7	95.8	95.0	94.6
115°	189.3	179.5	159.8	140.1	120.5	100.8	120.5	140.1	159.8	179.5	189.3
117.5°	649.0	613.2	541.7	470.1	398.6	327.0	398.6	470.1	541.7	613.2	649.0
120°	915.7	897.3	860.4	823.5	786.7	749.8	786.7	823.5	860.4	897.3	915.7
122.5°	980.9	981.0	981.3	981.6	981.8	982.1	981.8	981.6	981.3	981.0	980.9
125°	1047.2	1047.6	1048.4	1049.3	1050.1	1050.9	1050.1	1049.3	1048.4	1047.6	1047.2
127.5°	1111.2	1111.3	1111.6	1111.9	1112.1	1112.4	1112.1	1111.9	1111.6	1111.3	1111.2
130°	1170.2	1170.1	1169.8	1169.5	1169.2	1168.9	1169.2	1169.5	1169.8	1170.1	1170.2
132.5°	1225.5	1225.4	1225.1	1224.8	1224.5	1224.2	1224.5	1224.8	1225.1	1225.4	1225.5
135°	1279.6	1279.3	1278.8	1278.2	1277.7	1277.1	1277.7	1278.2	1278.8	1279.3	1279.6
137.5°	1330.0	1329.6	1328.8	1327.9	1327.1	1326.3	1327.1	1327.9	1328.8	1329.6	1330.0
140°	1377.9	1377.2	1375.8	1374.5	1373.1	1371.7	1373.1	1374.5	1375.8	1377.2	1377.9
142.5°	1422.1	1421.4	1420.1	1418.7	1417.4	1416.0	1417.4	1418.7	1420.1	1421.4	1422.1
145°	1462.7	1462.0	1460.7	1459.3	1458.0	1456.6	1458.0	1459.3	1460.7	1462.0	1462.7
147.5°	1498.4	1497.8	1496.7	1495.6	1494.5	1493.4	1494.5	1495.6	1496.7	1497.8	1498.4
150°	1532.8	1532.1	1530.7	1529.4	1528.0	1526.6	1528.0	1529.4	1530.7	1532.1	1532.8
152.5°	1563.5	1562.5	1560.6	1558.7	1556.8	1554.9	1556.8	1558.7	1560.6	1562.5	1563.5
155°	1590.5	1589.4	1587.2	1585.1	1582.9	1580.7	1582.9	1585.1	1587.2	1589.4	1590.5
157.5°	1615.1	1614.0	1611.8	1609.7	1607.5	1605.3	1607.5	1609.7	1611.8	1614.0	1615.1
160°	1634.8	1633.8	1631.9	1630.0	1628.1	1626.2	1628.1	1630.0	1631.9	1633.8	1634.8
162.5°	1654.5	1653.3	1650.8	1648.3	1645.9	1643.4	1645.9	1648.3	1650.8	1653.3	1654.5
165°	1669.2	1668.2	1666.3	1664.4	1662.5	1660.6	1662.5	1664.4	1666.3	1668.2	1669.2
167.5°	1682.7	1681.5	1679.0	1676.6	1674.1	1671.7	1674.1	1676.6	1679.0	1681.5	1682.7
170°	1692.6	1691.4	1688.9	1686.4	1684.0	1681.5	1684.0	1686.4	1688.9	1691.4	1692.6
172.5°	1699.9	1698.7	1696.2	1693.8	1691.3	1688.9	1691.3	1693.8	1696.2	1698.7	1699.9
175°	1704.9	1703.5	1700.8	1698.1	1695.3	1692.6	1695.3	1698.1	1700.8	1703.5	1704.9
177.5°	1706.1	1704.9	1702.4	1699.9	1697.5	1695.0	1697.5	1699.9	1702.4	1704.9	1706.1
180°	1698.7	1698.7	1698.7	1698.7	1698.7	1698.7	1698.7	1698.7	1698.7	1698.7	1698.7

TEST NUMBER: P1029308

CATALOG NUMBER: S122DIW-B290D1240UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
0°	577.9	577.9	577.9	577.9	577.9	577.9	577.9	577.9	577.9	577.9	577.9
2.5°	548.6	552.1	550.8	545.9	551.7	551.7	555.7	555.7	560.6	562.3	565.0
5°	517.5	520.1	522.4	520.1	524.1	530.4	533.9	537.0	543.7	546.4	550.3
7.5°	484.2	489.1	491.3	491.3	497.9	505.0	512.1	516.6	525.9	529.5	533.5
10°	451.7	457.5	462.0	461.5	472.6	477.1	485.9	496.2	505.5	510.8	516.6
12.5°	417.5	420.6	426.9	435.7	438.4	446.4	456.6	469.5	486.4	491.3	499.7
15°	389.1	397.5	402.4	406.4	412.7	420.2	431.3	443.7	460.6	471.3	480.2
17.5°	365.1	376.2	379.3	378.4	386.4	398.0	410.9	420.2	435.3	448.2	456.6
20°	345.6	350.0	355.4	357.6	363.8	376.2	388.7	399.3	411.8	422.0	431.8
22.5°	326.0	329.6	334.0	338.0	342.9	350.0	362.0	375.3	387.3	397.1	408.2
25°	310.0	312.3	316.3	319.4	324.7	329.6	338.0	352.7	366.9	372.7	382.4
27.5°	294.5	296.3	298.9	302.5	305.2	310.0	317.6	329.6	344.2	350.0	363.3
30°	280.7	282.1	284.7	286.5	287.8	293.6	299.4	308.7	319.8	327.8	337.6
32.5°	267.8	269.2	271.8	272.3	274.1	277.2	282.5	290.9	300.7	307.4	315.8
35°	253.6	254.5	257.2	258.1	259.4	262.1	266.1	272.3	281.2	286.1	293.6
37.5°	242.5	242.1	243.9	245.2	247.0	248.3	249.6	255.9	262.5	267.0	272.7
40°	230.5	229.6	230.1	231.9	232.8	234.5	234.5	240.8	245.2	248.7	253.2
42.5°	218.5	218.1	217.2	218.1	219.0	219.4	219.9	224.3	228.8	231.9	236.8
45°	206.5	206.1	205.2	205.7	205.7	206.5	207.9	209.7	212.8	215.4	218.1
47.5°	195.4	194.6	193.2	192.8	193.7	193.7	193.7	195.4	198.6	199.4	202.1
50°	183.9	182.6	180.8	179.9	179.9	179.5	180.3	180.8	183.4	184.3	186.6
52.5°	171.5	170.6	168.8	167.0	167.5	166.6	167.0	167.5	168.3	169.7	171.0
55°	159.0	157.2	155.9	155.5	154.1	154.1	152.8	154.6	154.1	154.6	156.4
57.5°	147.0	145.2	143.0	142.1	140.8	140.4	139.5	139.0	139.5	140.8	142.1
60°	132.8	131.9	130.6	129.3	128.4	127.0	126.1	126.1	125.7	125.7	126.1
62.5°	119.0	118.6	116.8	116.4	115.5	114.6	113.3	112.4	112.4	113.3	113.7
65°	105.7	105.3	103.9	103.5	101.3	100.4	99.9	99.5	98.6	98.6	98.6
67.5°	93.3	91.9	91.9	89.7	87.9	87.1	86.2	85.7	85.7	85.7	86.2
70°	79.5	79.5	78.2	76.8	75.1	75.5	74.2	72.8	72.8	72.0	72.4
72.5°	66.2	65.7	64.4	64.0	62.6	61.3	60.4	61.3	60.0	59.5	60.0
75°	53.3	52.9	52.0	51.1	51.5	50.2	48.9	48.4	48.4	47.5	47.5
77.5°	40.9	41.8	40.0	39.5	38.6	37.8	37.3	36.9	36.9	36.9	37.8
80°	28.4	28.9	28.9	28.0	28.4	27.1	27.1	27.1	25.8	26.2	26.7
82.5°	18.2	18.2	17.8	18.2	17.8	17.8	17.3	17.3	16.9	16.9	17.3
85°	10.2	9.8	9.3	10.2	9.8	9.8	9.3	9.3	9.3	9.3	9.3
87.5°	2.2	2.7	2.7	2.7	2.7	3.1	3.1	3.1	3.6	3.6	3.6
90°	30.0	28.7	27.3	26.0	24.6	22.4	20.2	18.0	15.8	14.7	13.2
92.5°	31.7	31.2	30.6	30.1	29.5	28.7	27.9	27.0	26.2	25.8	26.3
95°	53.4	52.0	50.7	49.3	47.9	46.0	44.1	42.2	40.3	39.3	43.8
97.5°	66.0	65.2	64.3	63.5	62.7	58.3	53.9	49.6	45.2	43.0	54.2
100°	78.8	76.6	74.5	72.3	70.1	65.5	60.8	56.2	51.5	49.2	67.9
102.5°	84.5	81.5	78.5	75.5	72.5	122.2	171.9	221.6	271.3	296.2	296.5
105°	87.0	84.0	81.0	78.0	75.0	149.6	224.1	298.7	373.2	410.5	406.4
107.5°	89.5	86.5	83.4	80.4	77.4	169.5	261.5	353.6	445.7	491.7	488.3
110°	105.9	133.2	160.5	187.8	215.1	294.0	373.0	451.9	530.8	570.3	567.4

TEST NUMBER: P1029308

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CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
112.5°	153.5	271.2	388.9	506.7	624.4	629.0	633.7	638.3	643.0	645.3	642.8
115°	252.5	379.0	505.5	631.9	758.4	751.6	744.8	737.9	731.1	727.7	725.4
117.5°	668.5	707.6	746.7	785.7	824.8	820.2	815.5	810.9	806.2	803.9	801.2
120°	914.1	910.8	907.5	904.3	901.0	896.1	891.2	886.3	881.4	878.9	876.8
122.5°	980.1	978.4	976.8	975.1	973.5	968.0	962.6	957.1	951.6	948.9	946.7
125°	1046.2	1044.3	1042.4	1040.5	1038.6	1033.4	1028.2	1023.1	1017.9	1015.3	1013.5
127.5°	1109.8	1107.1	1104.4	1101.6	1098.9	1094.8	1090.7	1086.6	1082.5	1080.4	1078.5
130°	1168.7	1165.7	1162.6	1159.6	1156.6	1153.6	1150.6	1147.6	1144.6	1143.1	1140.9
132.5°	1224.3	1221.8	1219.3	1216.9	1214.4	1211.4	1208.4	1205.4	1202.4	1200.9	1199.1
135°	1278.2	1275.5	1272.8	1270.0	1267.3	1264.8	1262.4	1259.9	1257.4	1256.2	1254.0
137.5°	1328.6	1325.9	1323.2	1320.4	1317.7	1315.0	1312.2	1309.5	1306.8	1305.4	1303.8
140°	1376.7	1374.2	1371.7	1369.3	1366.8	1363.8	1360.8	1357.8	1354.8	1353.3	1352.2
142.5°	1421.0	1418.8	1416.7	1414.5	1412.3	1408.7	1405.2	1401.6	1398.1	1396.3	1395.3
145°	1461.7	1459.8	1457.9	1456.0	1454.1	1449.5	1444.8	1440.2	1435.5	1433.2	1433.3
147.5°	1497.7	1496.3	1495.0	1493.6	1492.2	1487.6	1482.9	1478.3	1473.6	1471.3	1471.7
150°	1532.0	1530.3	1528.7	1527.0	1525.4	1521.0	1516.6	1512.3	1507.9	1505.7	1506.7
152.5°	1562.7	1561.0	1559.4	1557.7	1556.1	1552.0	1547.9	1543.8	1539.7	1537.7	1538.8
155°	1589.7	1588.1	1586.4	1584.8	1583.2	1579.9	1576.6	1573.3	1570.0	1568.4	1569.6
157.5°	1614.1	1612.2	1610.3	1608.4	1606.5	1604.1	1601.6	1599.2	1596.7	1595.5	1596.6
160°	1634.0	1632.3	1630.7	1629.0	1627.4	1625.8	1624.1	1622.5	1620.8	1620.0	1620.8
162.5°	1653.5	1651.6	1649.7	1647.8	1645.9	1644.5	1643.1	1641.8	1640.4	1639.7	1640.5
165°	1668.2	1666.3	1664.4	1662.5	1660.6	1659.8	1659.0	1658.1	1657.3	1656.9	1657.7
167.5°	1681.7	1679.8	1677.9	1676.0	1674.1	1673.3	1672.5	1671.6	1670.8	1670.4	1671.2
170°	1691.6	1689.7	1687.8	1685.9	1684.0	1683.4	1682.9	1682.3	1681.8	1681.5	1682.3
172.5°	1698.9	1697.0	1695.1	1693.2	1691.3	1690.8	1690.2	1689.7	1689.2	1688.9	1689.7
175°	1703.9	1702.0	1700.1	1698.1	1696.2	1695.7	1695.1	1694.6	1694.1	1693.8	1694.8
177.5°	1705.1	1703.2	1701.3	1699.4	1697.5	1697.2	1696.9	1696.6	1696.3	1696.2	1697.2
180°	1698.7	1698.7	1698.7	1698.7	1698.7	1698.7	1698.7	1698.7	1698.7	1698.7	1698.7

TEST NUMBER: P1029308

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CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
0°	577.9	577.9	577.9	577.9
2.5°	567.2	567.2	573.9	581.0
5°	554.8	557.9	568.6	578.3
7.5°	542.8	548.1	561.5	573.9
10°	528.1	535.2	551.7	566.3
12.5°	513.9	520.6	539.7	556.1
15°	493.9	502.4	522.8	543.2
17.5°	473.9	482.4	507.3	531.2
20°	450.4	461.5	489.5	521.5
22.5°	428.6	442.4	473.5	499.3
25°	404.7	426.0	454.8	488.2
27.5°	383.3	404.7	434.0	467.7
30°	359.3	381.1	411.3	442.4
32.5°	336.3	356.2	385.6	423.8
35°	312.3	331.4	359.8	398.4
37.5°	290.5	309.2	340.2	375.8
40°	269.2	288.7	315.4	350.9
42.5°	249.2	266.5	290.5	326.0
45°	231.0	243.4	265.6	298.9
47.5°	211.9	223.0	243.4	276.7
50°	194.1	203.4	221.2	252.3
52.5°	176.8	184.8	201.2	226.1
55°	161.2	168.8	180.8	205.2
57.5°	145.2	151.0	162.6	182.1
60°	129.7	135.0	144.4	160.4
62.5°	114.2	118.6	127.5	140.4
65°	100.4	103.9	110.6	121.7
67.5°	87.1	89.3	94.6	103.5
70°	74.2	76.0	80.4	87.5
72.5°	60.4	62.2	67.1	72.0
75°	48.9	49.3	52.9	56.9
77.5°	38.2	37.8	40.4	43.5
80°	26.2	27.5	29.8	31.1
82.5°	17.8	18.2	19.1	20.0
85°	9.8	10.2	10.2	11.5
87.5°	4.0	4.4	4.4	4.9
90°	10.2	7.2	4.2	1.2
92.5°	27.4	28.5	29.6	30.7
95°	52.8	61.9	70.9	79.9
97.5°	76.6	99.0	121.4	143.8
100°	105.3	142.8	180.2	217.6
102.5°	297.0	297.6	298.1	298.7
105°	398.2	390.1	381.9	373.7
107.5°	481.4	474.6	467.7	460.9
110°	561.7	556.0	550.2	544.5

TEST NUMBER: P1029308

CATALOG NUMBER: S122DIW-B290D1240UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
112.5°	637.9	633.0	628.1	623.2
115°	720.7	716.1	711.4	706.8
117.5°	795.7	790.2	784.8	779.3
120°	872.7	868.6	864.5	860.4
122.5°	942.3	938.0	933.6	929.2
125°	1010.0	1006.4	1002.9	999.3
127.5°	1074.7	1070.8	1067.0	1063.2
130°	1136.6	1132.2	1127.9	1123.5
132.5°	1195.6	1192.0	1188.5	1184.9
135°	1249.6	1245.3	1240.9	1236.5
137.5°	1300.5	1297.2	1293.9	1290.6
140°	1350.0	1347.9	1345.7	1343.5
142.5°	1393.4	1391.5	1389.6	1387.7
145°	1433.6	1433.9	1434.1	1434.4
147.5°	1472.5	1473.4	1474.2	1475.0
150°	1508.6	1510.5	1512.4	1514.3
152.5°	1541.0	1543.1	1545.3	1547.5
155°	1572.1	1574.6	1577.0	1579.5
157.5°	1598.8	1600.9	1603.1	1605.3
160°	1622.5	1624.1	1625.8	1627.4
162.5°	1642.2	1643.8	1645.5	1647.1
165°	1659.4	1661.0	1662.7	1664.3
167.5°	1672.9	1674.5	1676.2	1677.8
170°	1684.0	1685.6	1687.3	1688.9
172.5°	1691.3	1693.0	1694.6	1696.2
175°	1696.7	1698.6	1700.5	1702.4
177.5°	1699.1	1701.0	1703.0	1704.9
180°	1698.7	1698.7	1698.7	1698.7

(END OF REPORT)