

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: P1029307

Luminaire Tested: S122DIW-B290D1240UB2750-4F0-XX-W2A-A_3000K

Issue Date: 5/6/2025

Test Information

Test Method: LM-79-2019
Report Number: P1029307
REPORT IS A COMBINATION OF REPORTS P985488 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_3000K
Description: Define 2 Direct/Indirect Wall Mount with 3000K BioUP LEDs {m-DER=0.589} {m-EER=0.647}
Light Source: -
Ballast/Driver: -

Summary

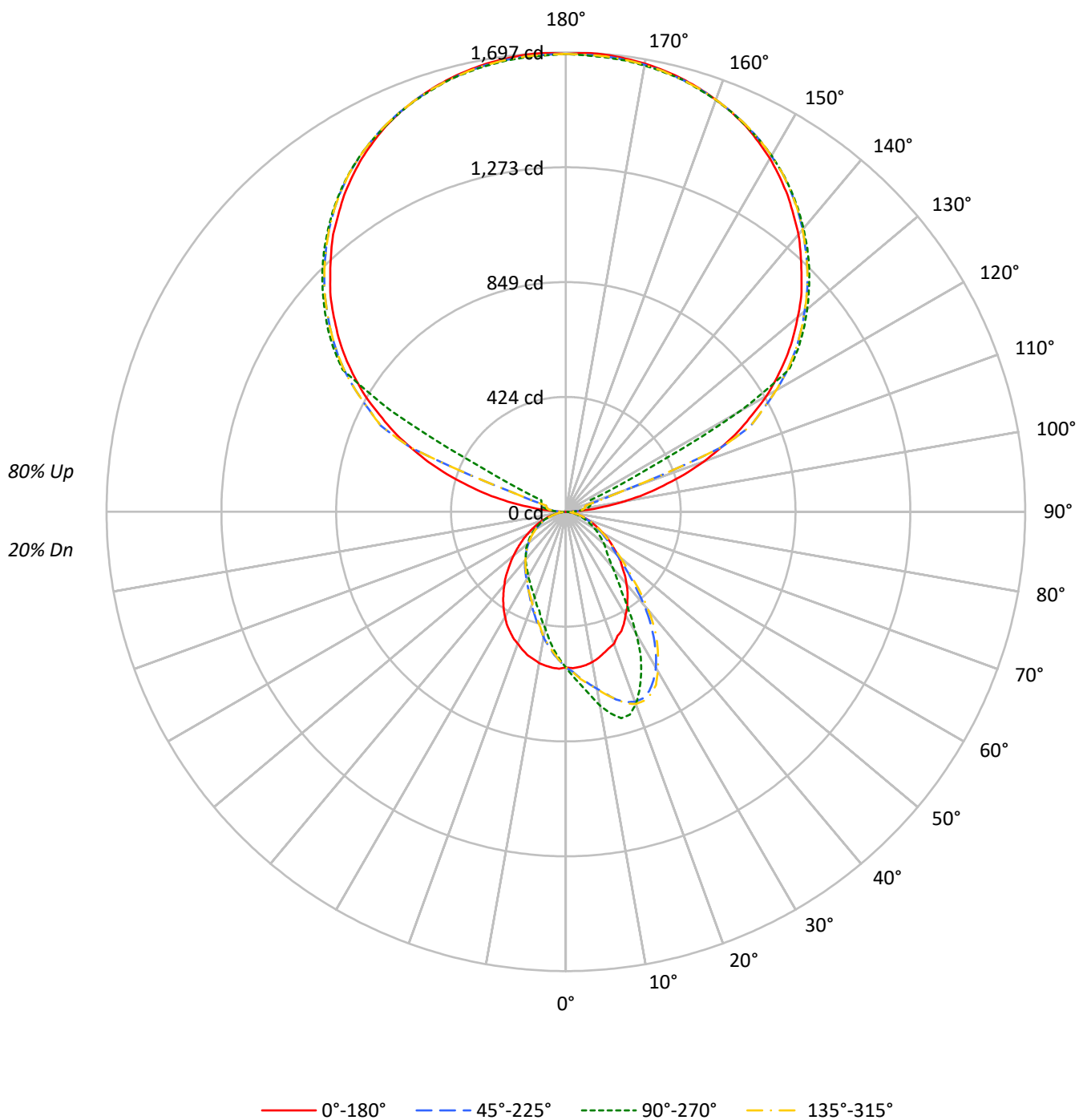
Lumens per Lamp: N/A
Luminaire Lumens: 6230.0 lumens
Efficiency: N/A
Efficacy: 113.1 lumens/watt
Spacing Criteria (0/90/45): 1.16 / 1.09 / 1.23
Luminous Opening: Rectangular w/ Sides (W: 0.17' x L: 4' x H: 0.1')
CIE Type: Semi-Indirect

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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CATALOG NUMBER: S122DIW-B290D1240UB2750-4F0-XX-W2A-A_3000K

Luminous Intensity Polar Plot



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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20					20					20					20
RC	80				70					50					30					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°	9105	9105	9105	9105
5°	9126	9708	9161	7724
10°	9021	10597	9077	6367
15°	8802	11178	8924	5364
20°	8664	10495	8664	4662
25°	8389	9016	8427	4169
30°	7933	7088	8085	3777
35°	7532	4901	7657	3455
40°	7070	3701	7148	3199
45°	6497	3040	6604	2922
50°	6005	2670	6017	2675
55°	5441	2274	5478	2407
60°	4843	1899	4910	2101
65°	4305	1545	4383	1794
70°	3772	1212	3867	1447
75°	3166	880	3289	1049
80°	2467	557	2651	622
85°	1624	280	1752	207

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 157.5°

Vertical Angle: 45°

Luminance: 9412 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	54.8	0.9
10°-20°	159.5	2.6
20°-30°	231.4	3.7
30°-40°	244.0	3.9
40°-50°	215.9	3.5
50°-60°	172.4	2.8
60°-70°	117.1	1.9
70°-80°	59.9	1.0
80°-90°	17.1	0.3
90°-100°	55.8	0.9
100°-110°	207.9	3.3
110°-120°	551.3	8.8
120°-130°	914.4	14.7
130°-140°	971.3	15.6
140°-150°	902.8	14.5
150°-160°	725.8	11.6
160°-170°	467.7	7.5
170°-180°	161.0	2.6
0°-30°	445.7	7.2
0°-40°	689.6	11.1
0°-60°	1077.9	17.3
0°-90°	1272.0	20.4
90°-120°	815.0	13.1
90°-150°	3603.6	57.8
90°-180°	4958.0	79.6
0°-180°	6230.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	575	575	575	575	575	
5°	576	642	578	511	576	55
15°	541	790	548	379	541	153
25°	486	658	488	304	486	222
35°	397	358	403	252	397	248
45°	298	216	302	207	298	231
55°	204	152	206	160	204	182
65°	121	93	123	108	121	120
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	94
105°	372	93	372	93	372	397
115°	704	100	704	100	704	693
125°	995	1046	995	1046	995	887
135°	1231	1272	1231	1272	1231	951
145°	1428	1450	1428	1450	1428	893
155°	1572	1574	1572	1574	1572	725
165°	1657	1653	1657	1653	1657	468
175°	1695	1685	1695	1685	1695	161
180°	1691	1691	1691	1691	1691	

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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	575.2	575.2	575.2	575.2	575.2	575.2	575.2	575.2	575.2	575.2	575.2
2.5°	578.3	579.6	581.8	582.2	586.7	590.2	594.2	594.2	595.5	595.1	591.5
5°	575.6	579.6	585.3	590.2	598.2	601.7	607.0	611.0	614.5	617.2	616.7
7.5°	571.2	578.3	586.7	595.9	606.6	612.7	620.3	627.3	632.2	636.6	639.7
10°	563.7	575.6	587.1	599.5	613.2	621.6	630.4	639.7	647.2	655.6	663.6
12.5°	553.5	570.7	584.9	601.3	618.1	627.3	641.5	648.6	663.1	684.4	690.1
15°	540.7	564.1	577.4	598.2	620.3	627.8	647.2	658.7	688.8	702.1	718.0
17.5°	528.7	554.8	572.5	596.4	618.1	632.6	651.7	675.1	700.3	719.3	737.0
20°	519.0	544.2	565.4	592.0	619.4	637.9	657.8	686.1	713.5	733.0	746.7
22.5°	496.9	529.2	553.9	583.6	616.7	642.4	661.4	692.3	721.9	733.9	745.8
25°	485.9	513.7	542.5	576.1	615.0	645.5	661.8	696.3	722.4	726.8	729.5
27.5°	465.5	496.9	530.5	569.0	614.5	640.2	660.9	692.3	713.1	710.0	702.1
30°	440.3	478.8	515.9	557.5	608.3	636.2	655.6	684.4	695.0	679.1	664.9
32.5°	421.8	458.0	499.1	547.3	601.3	627.8	646.8	669.3	671.5	642.8	618.9
35°	396.6	436.8	483.2	534.1	589.3	613.2	630.9	644.6	634.0	593.7	565.4
37.5°	374.0	413.8	463.3	515.0	573.0	596.4	610.5	612.7	586.7	551.3	509.7
40°	349.3	390.4	442.1	496.5	554.8	575.2	584.0	577.4	539.8	498.7	450.5
42.5°	324.5	365.2	420.9	476.6	531.8	549.1	552.6	534.5	488.5	440.3	384.6
45°	297.5	340.0	395.7	451.8	505.3	515.0	515.5	489.4	435.0	384.6	332.9
47.5°	275.4	314.8	370.0	426.2	471.3	477.9	475.3	445.2	386.0	329.4	284.3
50°	251.1	288.7	343.5	398.8	437.2	439.0	432.4	389.5	331.6	279.8	244.0
52.5°	225.0	263.0	313.4	366.5	401.0	398.3	385.5	339.5	285.2	242.3	214.9
55°	204.2	237.8	285.2	336.9	361.2	353.7	339.5	292.7	249.8	213.5	189.7
57.5°	181.3	210.9	257.3	302.4	316.5	309.5	295.3	251.6	211.8	184.4	168.4
60°	159.6	186.6	227.2	264.8	275.9	268.4	252.0	212.6	183.9	160.9	149.0
62.5°	139.7	163.1	197.2	231.7	236.1	228.6	214.4	182.6	157.8	139.7	130.9
65°	121.1	143.2	170.6	196.7	200.7	192.8	178.2	155.2	134.4	122.9	114.5
67.5°	103.0	120.7	145.0	164.0	166.2	158.7	146.8	128.2	115.4	103.0	96.8
70°	87.1	100.4	119.4	134.8	135.7	128.7	122.5	105.7	95.9	87.1	82.2
72.5°	71.6	80.9	95.5	107.0	107.4	103.0	97.3	86.7	78.3	72.1	67.2
75°	56.6	64.5	73.4	83.6	83.1	79.6	75.2	68.5	61.5	57.5	55.3
77.5°	43.3	48.2	55.3	61.9	61.9	60.1	57.5	52.6	48.2	44.2	42.0
80°	30.9	34.0	39.8	42.0	42.9	42.4	40.2	36.7	34.9	31.8	30.9
82.5°	19.9	22.1	24.8	27.0	28.3	27.4	27.0	25.2	22.5	21.7	20.8
85°	11.5	12.4	13.7	15.0	15.5	15.0	15.9	14.6	13.3	13.3	12.8
87.5°	4.9	5.3	6.2	6.2	6.6	6.6	6.2	6.6	6.6	6.2	5.7
90°	1.2	4.2	7.2	10.2	13.2	14.7	15.8	18.0	20.1	22.3	24.5
92.5°	30.6	29.5	28.4	27.3	26.2	25.7	26.1	26.9	27.8	28.6	29.4
95°	79.5	70.5	61.6	52.6	43.7	39.2	40.1	42.0	43.9	45.8	47.7
97.5°	143.2	120.9	98.6	76.3	54.0	42.8	45.0	49.3	53.7	58.0	62.4
100°	216.6	179.3	142.1	104.8	67.5	48.9	51.2	55.9	60.5	65.2	69.8
102.5°	297.4	296.8	296.3	295.7	295.2	294.9	270.2	220.7	171.2	121.7	72.2
105°	372.0	380.2	388.3	396.5	404.6	408.7	371.6	297.3	223.1	148.8	74.6
107.5°	458.9	465.7	472.5	479.3	486.1	489.5	443.7	352.0	260.4	168.7	77.1
110°	542.1	547.8	553.5	559.2	564.9	567.8	528.5	449.9	371.4	292.8	214.2

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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	620.4	625.3	630.2	635.1	640.0	642.5	640.2	635.6	630.9	626.3	621.7
115°	703.6	708.2	712.9	717.5	722.2	724.5	727.9	734.7	741.4	748.2	755.0
117.5°	775.9	781.3	786.7	792.2	797.6	800.3	802.6	807.2	811.9	816.5	821.1
120°	856.6	860.7	864.8	868.9	873.0	875.0	877.4	882.3	887.2	892.1	897.0
122.5°	925.1	929.5	933.8	938.2	942.5	944.7	947.4	952.9	958.3	963.8	969.2
125°	994.9	998.4	1002.0	1005.5	1009.0	1010.8	1013.4	1018.6	1023.7	1028.9	1034.1
127.5°	1058.5	1062.3	1066.1	1070.0	1073.8	1075.7	1077.7	1081.8	1085.9	1089.9	1094.0
130°	1118.5	1122.9	1127.2	1131.6	1135.9	1138.1	1139.6	1142.6	1145.5	1148.5	1151.5
132.5°	1179.7	1183.2	1186.8	1190.3	1193.8	1195.6	1197.1	1200.1	1203.1	1206.1	1209.1
135°	1231.1	1235.5	1239.8	1244.2	1248.5	1250.7	1251.9	1254.4	1256.8	1259.3	1261.7
137.5°	1284.9	1288.2	1291.4	1294.7	1298.0	1299.6	1301.0	1303.7	1306.4	1309.1	1311.8
140°	1337.5	1339.7	1341.9	1344.0	1346.2	1347.3	1348.8	1351.8	1354.8	1357.8	1360.8
142.5°	1381.6	1383.5	1385.4	1387.3	1389.2	1390.2	1392.0	1395.5	1399.0	1402.6	1406.1
145°	1428.1	1427.8	1427.6	1427.3	1427.0	1426.9	1429.2	1433.8	1438.5	1443.1	1447.7
147.5°	1468.5	1467.7	1466.9	1466.0	1465.2	1464.8	1467.1	1471.7	1476.4	1481.0	1485.6
150°	1507.6	1505.7	1503.8	1501.9	1500.0	1499.1	1501.3	1505.6	1510.0	1514.3	1518.7
152.5°	1540.7	1538.5	1536.3	1534.2	1532.0	1530.9	1532.9	1537.0	1541.1	1545.2	1549.3
155°	1572.5	1570.1	1567.6	1565.2	1562.7	1561.5	1563.1	1566.4	1569.7	1572.9	1576.2
157.5°	1598.2	1596.0	1593.8	1591.7	1589.5	1588.4	1589.6	1592.1	1594.5	1597.0	1599.4
160°	1620.2	1618.6	1617.0	1615.3	1613.7	1612.9	1613.7	1615.3	1617.0	1618.6	1620.2
162.5°	1639.8	1638.2	1636.6	1634.9	1633.3	1632.5	1633.2	1634.5	1635.9	1637.2	1638.6
165°	1656.9	1655.3	1653.7	1652.0	1650.4	1649.6	1650.0	1650.8	1651.7	1652.5	1653.3
167.5°	1670.4	1668.8	1667.2	1665.5	1663.9	1663.1	1663.5	1664.3	1665.1	1665.9	1666.7
170°	1681.4	1679.8	1678.2	1676.5	1674.9	1674.1	1674.4	1674.9	1675.4	1676.0	1676.5
172.5°	1688.8	1687.2	1685.5	1683.9	1682.2	1681.4	1681.7	1682.2	1682.8	1683.3	1683.9
175°	1694.9	1693.0	1691.1	1689.2	1687.3	1686.3	1686.6	1687.1	1687.7	1688.2	1688.8
177.5°	1697.3	1695.4	1693.5	1691.6	1689.7	1688.8	1688.9	1689.2	1689.5	1689.7	1690.0
180°	1691.2	1691.2	1691.2	1691.2	1691.2	1691.2	1691.2	1691.2	1691.2	1691.2	1691.2

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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	575.2	575.2	575.2	575.2	575.2	575.2	575.2	575.2	575.2	575.2	575.2
2.5°	597.7	598.2	599.0	603.5	605.7	606.1	604.3	608.3	609.7	608.3	607.4
5°	626.0	628.7	634.0	639.7	639.3	639.7	642.4	645.0	645.9	642.4	643.7
7.5°	650.8	656.1	661.8	670.7	670.7	675.1	676.9	679.1	684.4	681.7	680.8
10°	679.1	686.1	696.7	710.9	711.3	715.8	720.2	727.3	729.5	727.7	728.6
12.5°	714.4	728.1	729.0	744.5	751.6	752.5	759.5	758.2	762.6	762.6	770.1
15°	729.9	751.1	763.1	778.1	782.5	777.2	783.0	789.1	789.6	789.6	789.1
17.5°	757.8	766.2	778.1	786.1	787.8	787.8	788.3	790.9	789.1	785.6	788.3
20°	763.5	767.0	771.5	770.6	771.5	767.0	762.6	758.2	758.6	756.4	763.1
22.5°	752.9	752.0	741.8	735.2	735.2	726.4	718.0	714.0	710.0	711.3	713.5
25°	726.4	712.7	700.3	690.6	688.3	674.2	662.7	659.2	652.5	657.8	658.7
27.5°	683.9	668.5	648.6	640.2	628.7	622.9	615.0	604.3	590.6	598.6	597.3
30°	638.4	615.4	599.0	578.7	560.6	559.3	544.2	526.5	519.5	519.5	523.4
32.5°	587.5	557.0	533.2	504.4	486.8	479.2	461.1	443.4	447.4	434.1	439.0
35°	528.3	488.1	458.0	430.2	416.9	408.1	384.6	374.9	364.3	358.1	369.6
37.5°	471.7	425.3	386.8	356.3	351.5	335.6	319.6	313.4	307.3	309.9	309.5
40°	402.8	361.6	327.2	303.3	294.9	287.4	276.8	269.2	265.3	267.5	267.9
42.5°	340.4	305.9	280.3	263.5	256.4	251.1	245.8	239.6	238.3	238.3	240.1
45°	292.2	263.9	246.7	233.0	229.0	225.0	221.0	218.4	217.5	215.7	217.1
47.5°	253.8	231.2	220.6	210.4	206.0	205.1	201.6	200.3	198.5	198.1	198.5
50°	221.5	207.3	197.6	191.9	188.8	187.4	185.7	183.0	182.1	184.4	183.5
52.5°	198.9	185.7	180.4	174.6	172.9	171.1	168.4	168.9	168.4	167.6	167.6
55°	176.4	168.0	162.7	158.3	157.8	156.1	153.9	153.0	152.5	151.6	153.0
57.5°	158.3	151.6	146.8	142.8	141.0	141.0	138.8	137.1	137.1	136.6	137.1
60°	140.1	133.5	130.4	126.4	125.1	124.7	123.3	122.5	121.1	121.1	121.1
62.5°	123.3	118.0	114.5	111.0	111.4	109.2	107.4	106.5	106.5	107.0	107.0
65°	107.4	103.9	99.5	96.4	95.5	95.1	94.2	93.7	92.4	93.3	93.3
67.5°	92.8	88.0	85.3	84.0	82.7	82.2	81.3	80.5	80.0	79.6	80.5
70°	78.3	74.3	72.1	71.2	69.9	69.4	69.0	67.6	68.1	68.5	69.0
72.5°	65.0	61.5	61.0	58.4	58.4	58.4	56.6	57.5	57.0	56.1	57.0
75°	51.3	49.5	48.6	47.3	47.7	47.3	46.9	45.5	45.5	46.0	46.4
77.5°	40.7	38.9	38.5	37.1	36.3	37.1	36.3	35.8	35.8	36.3	36.3
80°	30.1	29.2	27.9	27.9	27.9	27.4	27.4	27.4	27.0	26.5	27.0
82.5°	19.9	19.9	19.5	19.0	19.5	18.6	19.0	19.0	19.0	19.0	19.0
85°	12.8	12.4	12.4	11.9	11.9	11.9	12.4	11.5	11.5	11.9	11.9
87.5°	5.7	5.7	5.7	6.2	5.7	5.7	5.7	6.2	5.7	5.7	5.7
90°	25.9	27.2	28.6	29.9	30.6	30.9	31.4	31.9	32.5	33.0	32.5
92.5°	29.9	30.5	31.0	31.5	31.8	31.9	32.2	32.5	32.7	33.0	32.7
95°	49.1	50.4	51.8	53.1	53.8	53.7	53.4	53.1	52.9	52.6	52.9
97.5°	63.2	64.0	64.9	65.7	66.1	66.2	66.5	66.8	67.0	67.3	67.0
100°	72.0	74.1	76.3	78.4	79.5	79.8	80.3	80.9	81.4	82.0	81.4
102.5°	75.2	78.2	81.2	84.2	85.7	86.1	86.9	87.7	88.5	89.3	88.5
105°	77.6	80.6	83.6	86.6	88.1	88.6	89.7	90.8	91.9	93.0	91.9
107.5°	80.1	83.1	86.1	89.1	90.6	91.1	92.2	93.3	94.4	95.5	94.4
110°	187.0	159.8	132.6	105.4	91.8	92.3	93.4	94.5	95.6	96.7	95.6

TEST NUMBER: P1029307

CATALOG NUMBER: S122DIW-B290D1240UB2750-4F0-XX-W2A-A_3000K

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	504.5	387.3	270.0	152.8	94.2	94.6	95.4	96.3	97.1	97.9	97.1
115°	629.1	503.2	377.3	251.4	188.5	178.7	159.1	139.5	119.9	100.3	119.9
117.5°	782.2	743.3	704.4	665.5	646.1	610.5	539.2	468.0	396.7	325.5	396.7
120°	900.3	903.5	906.8	910.1	911.7	893.3	856.6	819.9	783.2	746.5	783.2
122.5°	970.8	972.4	974.1	975.7	976.5	976.6	976.9	977.2	977.5	977.8	977.5
125°	1036.0	1037.9	1039.8	1041.7	1042.6	1043.0	1043.8	1044.7	1045.5	1046.3	1045.5
127.5°	1096.7	1099.5	1102.2	1104.9	1106.3	1106.4	1106.7	1107.0	1107.2	1107.5	1107.2
130°	1154.5	1157.5	1160.5	1163.5	1165.0	1164.9	1164.6	1164.3	1164.1	1163.8	1164.1
132.5°	1211.5	1214.0	1216.4	1218.9	1220.1	1220.0	1219.7	1219.4	1219.1	1218.8	1219.1
135°	1264.4	1267.1	1269.8	1272.5	1273.9	1273.6	1273.1	1272.6	1272.0	1271.5	1272.0
137.5°	1314.5	1317.3	1320.0	1322.7	1324.1	1323.7	1322.9	1322.0	1321.2	1320.4	1321.2
140°	1363.2	1365.7	1368.1	1370.6	1371.8	1371.1	1369.8	1368.4	1367.1	1365.7	1367.1
142.5°	1408.3	1410.5	1412.6	1414.8	1415.9	1415.2	1413.8	1412.5	1411.1	1409.7	1411.1
145°	1449.6	1451.5	1453.4	1455.3	1456.2	1455.5	1454.2	1452.8	1451.5	1450.1	1451.5
147.5°	1487.0	1488.3	1489.7	1491.0	1491.7	1491.2	1490.1	1489.0	1487.9	1486.8	1487.9
150°	1520.3	1521.9	1523.6	1525.2	1526.0	1525.3	1524.0	1522.6	1521.3	1519.9	1521.3
152.5°	1550.9	1552.5	1554.2	1555.8	1556.6	1555.6	1553.7	1551.8	1549.9	1548.0	1549.9
155°	1577.8	1579.4	1581.1	1582.7	1583.5	1582.4	1580.2	1578.1	1575.9	1573.7	1575.9
157.5°	1601.3	1603.2	1605.1	1607.0	1608.0	1606.9	1604.7	1602.6	1600.4	1598.2	1600.4
160°	1621.8	1623.5	1625.1	1626.8	1627.6	1626.6	1624.7	1622.8	1620.9	1619.0	1620.9
162.5°	1640.5	1642.4	1644.3	1646.2	1647.2	1646.0	1643.5	1641.0	1638.6	1636.1	1638.6
165°	1655.2	1657.1	1659.0	1660.9	1661.8	1660.9	1659.0	1657.1	1655.2	1653.3	1655.2
167.5°	1668.6	1670.5	1672.4	1674.3	1675.3	1674.1	1671.6	1669.2	1666.7	1664.3	1666.7
170°	1678.4	1680.3	1682.2	1684.1	1685.1	1683.9	1681.4	1679.0	1676.5	1674.1	1676.5
172.5°	1685.8	1687.7	1689.6	1691.5	1692.4	1691.2	1688.7	1686.3	1683.8	1681.4	1683.8
175°	1690.7	1692.6	1694.5	1696.4	1697.3	1695.9	1693.2	1690.5	1687.8	1685.1	1687.8
177.5°	1691.9	1693.8	1695.7	1697.6	1698.5	1697.3	1694.8	1692.4	1689.9	1687.5	1689.9
180°	1691.2	1691.2	1691.2	1691.2	1691.2	1691.2	1691.2	1691.2	1691.2	1691.2	1691.2

TEST NUMBER: P1029307

CATALOG NUMBER: S122DIW-B290D1240UB2750-4F0-XX-W2A-A_3000K

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	575.2	575.2	575.2	575.2	575.2	575.2	575.2	575.2	575.2	575.2	575.2
2.5°	609.7	606.6	603.9	604.3	606.6	604.8	600.4	594.6	592.4	589.8	592.4
5°	646.3	643.7	638.4	638.8	637.5	635.7	628.7	619.8	619.8	612.7	611.9
7.5°	682.6	678.6	675.1	674.2	669.3	665.8	659.6	647.2	642.4	634.0	629.1
10°	723.3	720.2	716.2	711.3	708.7	702.5	692.3	674.2	665.4	653.9	645.5
12.5°	764.4	763.9	755.1	745.4	744.9	735.2	728.1	703.8	691.9	676.4	656.5
15°	790.5	788.3	783.4	778.5	779.9	769.3	753.3	724.6	716.6	698.1	676.9
17.5°	790.0	790.0	788.7	787.8	786.5	783.4	774.6	755.5	742.7	719.3	699.4
20°	764.8	770.6	771.9	771.5	775.9	778.1	777.7	765.7	755.5	734.8	714.4
22.5°	714.4	727.7	733.4	737.0	746.3	751.1	762.6	758.2	755.5	740.1	722.8
25°	667.6	672.0	689.2	690.1	702.9	714.9	726.4	733.9	743.6	737.9	723.3
27.5°	607.0	617.2	629.5	638.8	641.5	665.8	684.8	699.0	721.1	722.8	718.0
30°	538.5	543.3	563.7	576.1	590.2	607.9	635.3	659.6	679.5	697.6	703.8
32.5°	454.9	474.8	486.8	501.8	514.2	545.5	579.1	610.5	633.5	664.0	677.3
35°	378.4	393.9	414.2	420.4	443.0	469.5	513.3	553.5	588.4	619.4	646.3
37.5°	315.2	327.6	349.3	359.0	372.2	406.3	443.0	492.9	534.9	573.0	606.6
40°	271.9	281.2	297.5	300.6	311.7	342.6	372.2	419.1	474.8	526.1	562.8
42.5°	242.3	246.7	257.7	261.7	268.8	289.6	316.1	360.3	412.0	465.1	516.8
45°	221.0	224.1	230.8	234.3	243.2	252.4	274.1	309.5	350.1	403.6	459.3
47.5°	202.0	206.0	208.7	210.9	215.7	225.9	240.1	266.1	305.0	354.1	408.1
50°	186.1	187.4	192.3	192.8	195.8	202.5	215.7	231.7	262.6	302.4	354.6
52.5°	170.2	171.5	174.6	177.7	179.0	184.4	193.2	206.5	229.4	260.8	307.3
55°	154.3	156.1	159.2	161.4	162.7	167.1	172.4	185.2	203.4	225.5	263.5
57.5°	138.4	142.4	143.2	144.6	146.8	151.6	156.5	164.0	178.2	198.5	226.4
60°	123.3	124.7	127.8	129.1	131.3	134.0	140.1	145.9	156.1	172.0	197.2
62.5°	107.9	111.0	112.3	113.6	115.4	118.5	122.5	128.7	137.5	150.3	170.2
65°	94.6	95.1	97.7	99.5	101.2	103.5	107.4	113.2	118.5	130.4	145.0
67.5°	81.8	82.7	83.6	85.3	87.5	89.7	93.3	96.4	103.0	111.0	122.5
70°	69.4	69.4	71.6	72.9	72.5	75.2	77.8	81.3	86.2	93.7	103.0
72.5°	58.4	57.9	59.7	60.1	61.0	62.8	64.5	68.1	70.7	76.5	83.6
75°	46.4	47.3	48.2	48.2	49.5	50.8	52.6	54.4	57.5	61.0	66.3
77.5°	36.7	36.7	37.6	38.0	39.3	38.9	40.7	42.4	44.7	47.7	51.7
80°	27.0	27.9	27.9	27.9	28.3	28.7	30.5	31.8	33.2	35.4	37.1
82.5°	19.0	19.0	19.9	19.9	19.9	20.8	20.8	21.2	22.1	23.4	24.8
85°	11.9	11.9	11.9	12.4	11.9	12.4	13.3	12.8	13.3	14.1	14.1
87.5°	5.7	5.7	5.7	5.7	5.7	6.2	5.7	6.2	6.6	6.6	6.6
90°	31.9	31.4	30.9	30.6	29.9	28.6	27.2	25.9	24.5	22.3	20.1
92.5°	32.5	32.2	31.9	31.8	31.5	31.0	30.5	29.9	29.4	28.6	27.8
95°	53.1	53.4	53.7	53.8	53.1	51.8	50.4	49.1	47.7	45.8	43.9
97.5°	66.8	66.5	66.2	66.1	65.7	64.9	64.0	63.2	62.4	58.0	53.7
100°	80.9	80.3	79.8	79.5	78.4	76.3	74.1	72.0	69.8	65.2	60.5
102.5°	87.7	86.9	86.1	85.7	84.2	81.2	78.2	75.2	72.2	121.7	171.2
105°	90.8	89.7	88.6	88.1	86.6	83.6	80.6	77.6	74.6	148.8	223.1
107.5°	93.3	92.2	91.1	90.6	89.1	86.1	83.1	80.1	77.1	168.7	260.4
110°	94.5	93.4	92.3	91.8	105.4	132.6	159.8	187.0	214.2	292.8	371.4

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CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	96.3	95.4	94.6	94.2	152.8	270.0	387.3	504.5	621.7	626.3	630.9
115°	139.5	159.1	178.7	188.5	251.4	377.3	503.2	629.1	755.0	748.2	741.4
117.5°	468.0	539.2	610.5	646.1	665.5	704.4	743.3	782.2	821.1	816.5	811.9
120°	819.9	856.6	893.3	911.7	910.1	906.8	903.5	900.3	897.0	892.1	887.2
122.5°	977.2	976.9	976.6	976.5	975.7	974.1	972.4	970.8	969.2	963.8	958.3
125°	1044.7	1043.8	1043.0	1042.6	1041.7	1039.8	1037.9	1036.0	1034.1	1028.9	1023.7
127.5°	1107.0	1106.7	1106.4	1106.3	1104.9	1102.2	1099.5	1096.7	1094.0	1089.9	1085.9
130°	1164.3	1164.6	1164.9	1165.0	1163.5	1160.5	1157.5	1154.5	1151.5	1148.5	1145.5
132.5°	1219.4	1219.7	1220.0	1220.1	1218.9	1216.4	1214.0	1211.5	1209.1	1206.1	1203.1
135°	1272.6	1273.1	1273.6	1273.9	1272.5	1269.8	1267.1	1264.4	1261.7	1259.3	1256.8
137.5°	1322.0	1322.9	1323.7	1324.1	1322.7	1320.0	1317.3	1314.5	1311.8	1309.1	1306.4
140°	1368.4	1369.8	1371.1	1371.8	1370.6	1368.1	1365.7	1363.2	1360.8	1357.8	1354.8
142.5°	1412.5	1413.8	1415.2	1415.9	1414.8	1412.6	1410.5	1408.3	1406.1	1402.6	1399.0
145°	1452.8	1454.2	1455.5	1456.2	1455.3	1453.4	1451.5	1449.6	1447.7	1443.1	1438.5
147.5°	1489.0	1490.1	1491.2	1491.7	1491.0	1489.7	1488.3	1487.0	1485.6	1481.0	1476.4
150°	1522.6	1524.0	1525.3	1526.0	1525.2	1523.6	1521.9	1520.3	1518.7	1514.3	1510.0
152.5°	1551.8	1553.7	1555.6	1556.6	1555.8	1554.2	1552.5	1550.9	1549.3	1545.2	1541.1
155°	1578.1	1580.2	1582.4	1583.5	1582.7	1581.1	1579.4	1577.8	1576.2	1572.9	1569.7
157.5°	1602.6	1604.7	1606.9	1608.0	1607.0	1605.1	1603.2	1601.3	1599.4	1597.0	1594.5
160°	1622.8	1624.7	1626.6	1627.6	1626.8	1625.1	1623.5	1621.8	1620.2	1618.6	1617.0
162.5°	1641.0	1643.5	1646.0	1647.2	1646.2	1644.3	1642.4	1640.5	1638.6	1637.2	1635.9
165°	1657.1	1659.0	1660.9	1661.8	1660.9	1659.0	1657.1	1655.2	1653.3	1652.5	1651.7
167.5°	1669.2	1671.6	1674.1	1675.3	1674.3	1672.4	1670.5	1668.6	1666.7	1665.9	1665.1
170°	1679.0	1681.4	1683.9	1685.1	1684.1	1682.2	1680.3	1678.4	1676.5	1676.0	1675.4
172.5°	1686.3	1688.7	1691.2	1692.4	1691.5	1689.6	1687.7	1685.8	1683.9	1683.3	1682.8
175°	1690.5	1693.2	1695.9	1697.3	1696.4	1694.5	1692.6	1690.7	1688.8	1688.2	1687.7
177.5°	1692.4	1694.8	1697.3	1698.5	1697.6	1695.7	1693.8	1691.9	1690.0	1689.7	1689.5
180°	1691.2	1691.2	1691.2	1691.2	1691.2	1691.2	1691.2	1691.2	1691.2	1691.2	1691.2

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CATALOG NUMBER: S122DIW-B290D1240UB2750-4F0-XX-W2A-A_3000K

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
0°	575.2	575.2	575.2	575.2	575.2	575.2	575.2	575.2	575.2	575.2	575.2
2.5°	590.2	588.0	586.7	587.5	584.9	578.3	578.3	580.5	577.8	575.2	571.2
5°	606.6	602.1	599.5	599.0	592.9	582.2	580.0	577.8	572.1	565.9	559.3
7.5°	622.5	614.5	610.1	607.0	598.2	584.5	578.7	573.8	564.6	555.3	546.9
10°	635.7	624.2	618.9	614.1	602.6	585.3	576.1	567.2	555.3	543.3	532.7
12.5°	646.3	633.1	626.5	619.4	605.2	582.7	571.2	557.0	545.1	529.2	518.6
15°	664.0	636.6	630.4	623.8	609.2	578.3	564.1	548.2	531.8	510.6	499.1
17.5°	678.2	641.5	641.0	626.9	607.9	576.5	554.8	534.1	516.4	495.2	477.0
20°	686.6	649.0	641.9	627.3	603.5	564.6	542.0	519.0	500.0	474.4	456.2
22.5°	693.7	659.6	641.0	623.4	594.2	560.6	527.4	505.8	479.7	451.8	434.6
25°	696.3	661.8	642.4	622.0	587.5	549.1	511.5	488.1	458.9	433.7	410.3
27.5°	696.7	661.4	637.5	616.3	578.3	534.1	495.6	470.8	438.6	409.4	386.0
30°	692.3	656.5	634.9	611.9	569.4	520.3	476.1	448.7	414.2	385.1	360.8
32.5°	679.1	646.8	629.1	603.9	557.9	501.3	457.6	427.1	390.8	362.1	338.6
35°	657.0	634.9	615.4	592.0	542.9	483.7	439.0	403.2	366.5	339.1	317.0
37.5°	629.5	617.6	599.5	576.5	525.7	467.7	418.2	378.4	341.7	315.2	293.6
40°	592.4	595.5	577.8	557.0	505.3	446.1	391.3	353.2	318.8	294.0	272.8
42.5°	552.2	565.0	554.8	534.9	482.8	422.2	371.4	329.4	295.8	270.1	252.4
45°	508.9	531.0	524.8	510.2	459.3	397.0	343.1	302.4	272.8	248.0	232.5
47.5°	461.6	492.9	492.9	482.3	433.3	371.8	318.8	277.2	248.0	230.3	215.3
50°	413.4	448.7	454.5	447.4	404.1	343.1	289.1	251.6	226.4	209.1	198.1
52.5°	363.0	404.1	414.7	411.2	373.1	315.7	264.8	228.1	205.1	190.1	180.4
55°	314.8	362.5	374.0	375.3	340.0	285.6	237.8	205.6	183.5	173.3	164.9
57.5°	269.2	315.2	328.0	330.2	306.4	258.2	212.6	184.4	164.5	156.1	149.4
60°	230.3	268.8	285.6	290.5	269.7	226.4	189.2	161.8	146.8	138.8	132.6
62.5°	198.5	229.4	247.1	248.5	239.2	198.5	164.9	141.9	129.1	122.0	118.9
65°	167.6	195.4	206.0	211.3	203.8	172.0	142.4	123.3	113.2	107.0	103.9
67.5°	142.8	160.5	169.3	176.4	168.9	145.0	121.1	105.7	98.1	92.0	90.2
70°	117.2	131.7	138.4	145.5	138.8	120.7	103.5	89.3	82.7	77.8	75.6
72.5°	93.7	105.2	111.4	115.8	111.9	96.8	82.7	72.9	68.1	64.5	63.2
75°	74.3	82.2	85.8	88.9	87.1	75.6	66.8	58.8	54.4	51.3	50.4
77.5°	56.6	62.3	66.3	67.2	65.0	57.5	50.0	45.1	41.6	39.8	38.9
80°	40.2	43.8	46.0	47.3	45.1	42.0	36.7	33.2	30.1	27.9	27.4
82.5°	27.0	28.7	30.5	30.1	29.2	26.5	23.4	21.7	20.3	18.6	18.6
85°	15.5	15.9	16.8	17.2	16.8	15.0	13.3	12.4	11.5	10.2	10.2
87.5°	6.6	7.1	7.1	7.5	6.6	6.6	5.7	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°	26.9	26.1	25.7	26.2	27.3	28.4	29.5	30.6	29.5	28.4	27.3
95°	42.0	40.1	39.2	43.7	52.6	61.6	70.5	79.5	70.5	61.6	52.6
97.5°	49.3	45.0	42.8	54.0	76.3	98.6	120.9	143.2	120.9	98.6	76.3
100°	55.9	51.2	48.9	67.5	104.8	142.1	179.3	216.6	179.3	142.1	104.8
102.5°	220.7	270.2	294.9	295.2	295.7	296.3	296.8	297.4	296.8	296.3	295.7
105°	297.3	371.6	408.7	404.6	396.5	388.3	380.2	372.0	380.2	388.3	396.5
107.5°	352.0	443.7	489.5	486.1	479.3	472.5	465.7	458.9	465.7	472.5	479.3
110°	449.9	528.5	567.8	564.9	559.2	553.5	547.8	542.1	547.8	553.5	559.2

TEST NUMBER: P1029307

CATALOG NUMBER: S122DIW-B290D1240UB2750-4F0-XX-W2A-A_3000K

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
112.5°	635.6	640.2	642.5	640.0	635.1	630.2	625.3	620.4	625.3	630.2	635.1
115°	734.7	727.9	724.5	722.2	717.5	712.9	708.2	703.6	708.2	712.9	717.5
117.5°	807.2	802.6	800.3	797.6	792.2	786.7	781.3	775.9	781.3	786.7	792.2
120°	882.3	877.4	875.0	873.0	868.9	864.8	860.7	856.6	860.7	864.8	868.9
122.5°	952.9	947.4	944.7	942.5	938.2	933.8	929.5	925.1	929.5	933.8	938.2
125°	1018.6	1013.4	1010.8	1009.0	1005.5	1002.0	998.4	994.9	998.4	1002.0	1005.5
127.5°	1081.8	1077.7	1075.7	1073.8	1070.0	1066.1	1062.3	1058.5	1062.3	1066.1	1070.0
130°	1142.6	1139.6	1138.1	1135.9	1131.6	1127.2	1122.9	1118.5	1122.9	1127.2	1131.6
132.5°	1200.1	1197.1	1195.6	1193.8	1190.3	1186.8	1183.2	1179.7	1183.2	1186.8	1190.3
135°	1254.4	1251.9	1250.7	1248.5	1244.2	1239.8	1235.5	1231.1	1235.5	1239.8	1244.2
137.5°	1303.7	1301.0	1299.6	1298.0	1294.7	1291.4	1288.2	1284.9	1288.2	1291.4	1294.7
140°	1351.8	1348.8	1347.3	1346.2	1344.0	1341.9	1339.7	1337.5	1339.7	1341.9	1344.0
142.5°	1395.5	1392.0	1390.2	1389.2	1387.3	1385.4	1383.5	1381.6	1383.5	1385.4	1387.3
145°	1433.8	1429.2	1426.9	1427.0	1427.3	1427.6	1427.8	1428.1	1427.8	1427.6	1427.3
147.5°	1471.7	1467.1	1464.8	1465.2	1466.0	1466.9	1467.7	1468.5	1467.7	1466.9	1466.0
150°	1505.6	1501.3	1499.1	1500.0	1501.9	1503.8	1505.7	1507.6	1505.7	1503.8	1501.9
152.5°	1537.0	1532.9	1530.9	1532.0	1534.2	1536.3	1538.5	1540.7	1538.5	1536.3	1534.2
155°	1566.4	1563.1	1561.5	1562.7	1565.2	1567.6	1570.1	1572.5	1570.1	1567.6	1565.2
157.5°	1592.1	1589.6	1588.4	1589.5	1591.7	1593.8	1596.0	1598.2	1596.0	1593.8	1591.7
160°	1615.3	1613.7	1612.9	1613.7	1615.3	1617.0	1618.6	1620.2	1618.6	1617.0	1615.3
162.5°	1634.5	1633.2	1632.5	1633.3	1634.9	1636.6	1638.2	1639.8	1638.2	1636.6	1634.9
165°	1650.8	1650.0	1649.6	1650.4	1652.0	1653.7	1655.3	1656.9	1655.3	1653.7	1652.0
167.5°	1664.3	1663.5	1663.1	1663.9	1665.5	1667.2	1668.8	1670.4	1668.8	1667.2	1665.5
170°	1674.9	1674.4	1674.1	1674.9	1676.5	1678.2	1679.8	1681.4	1679.8	1678.2	1676.5
172.5°	1682.2	1681.7	1681.4	1682.2	1683.9	1685.5	1687.2	1688.8	1687.2	1685.5	1683.9
175°	1687.1	1686.6	1686.3	1687.3	1689.2	1691.1	1693.0	1694.9	1693.0	1691.1	1689.2
177.5°	1689.2	1688.9	1688.8	1689.7	1691.6	1693.5	1695.4	1697.3	1695.4	1693.5	1691.6
180°	1691.2	1691.2	1691.2	1691.2	1691.2	1691.2	1691.2	1691.2	1691.2	1691.2	1691.2

TEST NUMBER: P1029307

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CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
0°	575.2	575.2	575.2	575.2	575.2	575.2	575.2	575.2	575.2	575.2	575.2
2.5°	569.0	571.2	570.7	566.3	561.5	557.5	550.0	550.9	548.2	548.6	551.3
5°	554.8	554.8	553.1	546.9	538.9	534.5	526.1	523.9	518.6	518.1	517.7
7.5°	539.8	537.6	535.4	526.5	516.8	509.7	498.2	495.6	490.3	486.8	485.0
10°	522.1	519.0	514.6	504.4	492.5	483.7	471.7	468.2	458.0	453.6	450.9
12.5°	502.7	500.9	493.8	485.4	466.0	456.2	439.0	442.5	432.4	423.5	422.2
15°	483.2	476.6	472.6	458.9	435.5	431.0	417.3	410.3	401.0	393.9	393.9
17.5°	464.2	454.0	445.2	430.6	413.4	401.0	390.8	387.3	375.8	368.7	367.4
20°	439.0	427.5	425.3	404.5	392.6	378.9	369.2	360.3	351.9	348.8	346.6
22.5°	415.1	401.9	398.3	380.6	368.7	355.0	345.3	339.1	332.9	330.7	326.7
25°	389.5	381.5	376.2	357.2	344.0	331.1	324.5	320.1	314.3	313.9	311.2
27.5°	364.7	357.2	351.9	333.8	324.1	312.1	306.8	302.0	298.9	297.5	296.2
30°	343.5	335.1	328.9	315.7	303.7	294.0	289.6	286.5	284.7	282.5	282.1
32.5°	320.1	315.2	306.8	296.6	287.4	278.1	275.4	273.2	270.6	269.7	269.2
35°	300.2	293.6	288.2	276.8	272.8	264.8	261.7	260.0	256.4	255.5	254.6
37.5°	280.7	274.5	268.8	261.7	254.2	249.8	248.0	245.4	243.6	244.0	243.2
40°	261.3	256.4	252.0	244.5	240.1	237.8	234.3	231.7	230.8	231.2	230.8
42.5°	242.3	237.8	235.2	229.4	225.0	222.8	220.6	218.0	219.3	219.3	220.6
45°	225.0	221.0	219.3	214.9	212.2	208.7	206.5	206.0	207.8	207.3	207.3
47.5°	207.3	206.0	203.8	199.8	196.3	194.1	193.6	193.6	195.4	196.3	195.8
50°	193.6	191.0	188.3	185.2	182.6	181.7	180.4	181.3	183.0	183.0	183.9
52.5°	176.4	174.6	173.7	171.1	169.3	169.3	169.3	169.8	171.1	172.4	172.0
55°	161.4	160.0	159.2	157.8	155.6	156.1	155.6	156.5	157.8	159.2	160.0
57.5°	145.5	145.0	144.1	141.9	141.9	141.5	142.8	143.2	145.5	146.3	147.7
60°	131.3	130.0	130.0	128.2	128.2	128.2	129.5	130.9	132.6	133.1	134.0
62.5°	116.3	116.3	115.8	114.5	114.5	115.8	116.3	118.0	118.9	118.9	120.3
65°	102.1	101.7	101.2	101.7	102.1	102.1	103.5	104.3	105.2	105.7	106.1
67.5°	88.0	87.5	88.4	88.0	88.9	90.6	90.2	91.5	92.8	92.8	93.3
70°	74.7	75.6	75.2	76.0	75.6	76.5	77.8	78.3	78.3	78.7	80.0
72.5°	62.3	62.3	62.3	61.9	62.3	63.2	64.1	64.5	65.4	65.9	67.2
75°	50.4	50.4	49.5	50.4	50.4	51.3	52.2	52.2	52.2	53.1	54.4
77.5°	38.0	38.5	38.0	38.9	38.9	39.3	40.2	39.8	40.7	41.1	41.6
80°	27.9	27.4	27.4	27.4	27.9	27.9	28.7	29.2	29.2	30.5	29.6
82.5°	17.7	18.1	17.7	18.1	18.1	18.6	18.1	18.6	19.0	19.9	19.5
85°	10.2	9.7	9.7	10.2	9.7	9.7	10.2	9.7	10.2	9.7	10.2
87.5°	4.0	3.5	3.5	3.5	3.5	3.1	3.1	2.7	2.7	2.7	2.2
90°	13.2	14.7	15.8	18.0	20.1	22.3	24.5	25.9	27.2	28.6	29.9
92.5°	26.2	25.7	26.1	26.9	27.8	28.6	29.4	29.9	30.5	31.0	31.5
95°	43.7	39.2	40.1	42.0	43.9	45.8	47.7	49.1	50.4	51.8	53.1
97.5°	54.0	42.8	45.0	49.3	53.7	58.0	62.4	63.2	64.0	64.9	65.7
100°	67.5	48.9	51.2	55.9	60.5	65.2	69.8	72.0	74.1	76.3	78.4
102.5°	295.2	294.9	270.2	220.7	171.2	121.7	72.2	75.2	78.2	81.2	84.2
105°	404.6	408.7	371.6	297.3	223.1	148.8	74.6	77.6	80.6	83.6	86.6
107.5°	486.1	489.5	443.7	352.0	260.4	168.7	77.1	80.1	83.1	86.1	89.1
110°	564.9	567.8	528.5	449.9	371.4	292.8	214.2	187.0	159.8	132.6	105.4

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CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
112.5°	640.0	642.5	640.2	635.6	630.9	626.3	621.7	504.5	387.3	270.0	152.8
115°	722.2	724.5	727.9	734.7	741.4	748.2	755.0	629.1	503.2	377.3	251.4
117.5°	797.6	800.3	802.6	807.2	811.9	816.5	821.1	782.2	743.3	704.4	665.5
120°	873.0	875.0	877.4	882.3	887.2	892.1	897.0	900.3	903.5	906.8	910.1
122.5°	942.5	944.7	947.4	952.9	958.3	963.8	969.2	970.8	972.4	974.1	975.7
125°	1009.0	1010.8	1013.4	1018.6	1023.7	1028.9	1034.1	1036.0	1037.9	1039.8	1041.7
127.5°	1073.8	1075.7	1077.7	1081.8	1085.9	1089.9	1094.0	1096.7	1099.5	1102.2	1104.9
130°	1135.9	1138.1	1139.6	1142.6	1145.5	1148.5	1151.5	1154.5	1157.5	1160.5	1163.5
132.5°	1193.8	1195.6	1197.1	1200.1	1203.1	1206.1	1209.1	1211.5	1214.0	1216.4	1218.9
135°	1248.5	1250.7	1251.9	1254.4	1256.8	1259.3	1261.7	1264.4	1267.1	1269.8	1272.5
137.5°	1298.0	1299.6	1301.0	1303.7	1306.4	1309.1	1311.8	1314.5	1317.3	1320.0	1322.7
140°	1346.2	1347.3	1348.8	1351.8	1354.8	1357.8	1360.8	1363.2	1365.7	1368.1	1370.6
142.5°	1389.2	1390.2	1392.0	1395.5	1399.0	1402.6	1406.1	1408.3	1410.5	1412.6	1414.8
145°	1427.0	1426.9	1429.2	1433.8	1438.5	1443.1	1447.7	1449.6	1451.5	1453.4	1455.3
147.5°	1465.2	1464.8	1467.1	1471.7	1476.4	1481.0	1485.6	1487.0	1488.3	1489.7	1491.0
150°	1500.0	1499.1	1501.3	1505.6	1510.0	1514.3	1518.7	1520.3	1521.9	1523.6	1525.2
152.5°	1532.0	1530.9	1532.9	1537.0	1541.1	1545.2	1549.3	1550.9	1552.5	1554.2	1555.8
155°	1562.7	1561.5	1563.1	1566.4	1569.7	1572.9	1576.2	1577.8	1579.4	1581.1	1582.7
157.5°	1589.5	1588.4	1589.6	1592.1	1594.5	1597.0	1599.4	1601.3	1603.2	1605.1	1607.0
160°	1613.7	1612.9	1613.7	1615.3	1617.0	1618.6	1620.2	1621.8	1623.5	1625.1	1626.8
162.5°	1633.3	1632.5	1633.2	1634.5	1635.9	1637.2	1638.6	1640.5	1642.4	1644.3	1646.2
165°	1650.4	1649.6	1650.0	1650.8	1651.7	1652.5	1653.3	1655.2	1657.1	1659.0	1660.9
167.5°	1663.9	1663.1	1663.5	1664.3	1665.1	1665.9	1666.7	1668.6	1670.5	1672.4	1674.3
170°	1674.9	1674.1	1674.4	1674.9	1675.4	1676.0	1676.5	1678.4	1680.3	1682.2	1684.1
172.5°	1682.2	1681.4	1681.7	1682.2	1682.8	1683.3	1683.9	1685.8	1687.7	1689.6	1691.5
175°	1687.3	1686.3	1686.6	1687.1	1687.7	1688.2	1688.8	1690.7	1692.6	1694.5	1696.4
177.5°	1689.7	1688.8	1688.9	1689.2	1689.5	1689.7	1690.0	1691.9	1693.8	1695.7	1697.6
180°	1691.2	1691.2	1691.2	1691.2	1691.2	1691.2	1691.2	1691.2	1691.2	1691.2	1691.2

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CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
0°	575.2	575.2	575.2	575.2	575.2	575.2	575.2	575.2	575.2	575.2	575.2
2.5°	548.2	549.5	546.4	545.5	546.4	543.3	544.2	545.1	545.1	546.4	547.3
5°	516.4	514.6	511.5	510.6	509.7	511.1	510.2	511.5	511.9	515.0	515.5
7.5°	485.0	482.3	479.7	477.0	476.1	473.9	476.1	476.1	479.2	478.4	480.6
10°	447.8	447.4	443.9	442.5	440.8	437.2	442.1	440.8	443.0	447.0	447.8
12.5°	420.4	415.6	417.8	411.6	413.8	410.3	410.7	410.7	414.2	414.7	413.8
15°	394.4	390.4	384.6	382.0	380.6	378.9	384.6	385.1	382.4	388.6	386.4
17.5°	367.8	367.8	362.5	361.2	357.7	359.4	358.5	359.0	358.1	362.5	364.7
20°	344.8	342.6	340.9	341.3	336.9	336.0	335.1	336.0	339.1	342.2	343.1
22.5°	326.3	324.9	320.5	321.4	317.9	319.2	318.3	320.5	321.0	321.0	324.1
25°	308.6	306.8	307.3	305.5	304.2	304.2	302.8	304.2	305.9	306.8	307.3
27.5°	295.3	294.0	291.8	290.5	291.3	289.1	290.9	292.2	292.2	291.3	292.2
30°	279.4	280.3	280.3	275.9	277.6	276.8	278.1	279.0	279.0	279.4	278.5
32.5°	268.8	266.1	265.7	265.3	265.3	263.5	263.5	264.8	265.3	265.7	267.0
35°	254.6	254.6	252.4	253.8	252.0	252.4	252.0	252.4	253.3	252.0	253.3
37.5°	241.8	242.3	241.4	242.3	242.7	241.8	240.9	242.7	241.8	241.8	240.9
40°	230.8	230.3	230.8	230.8	230.8	231.2	230.3	230.3	230.3	229.4	228.6
42.5°	221.5	218.8	219.7	220.2	218.8	218.8	219.3	218.8	220.2	217.5	217.5
45°	208.2	207.3	207.8	207.8	208.7	207.3	208.2	208.7	207.3	206.9	206.0
47.5°	196.3	197.2	196.3	197.2	197.2	198.1	196.3	196.7	197.2	195.4	194.1
50°	184.4	184.4	185.7	185.2	185.7	184.8	184.8	184.4	184.8	183.9	182.6
52.5°	173.3	172.0	174.2	173.7	173.3	172.9	172.4	172.9	172.0	171.1	171.1
55°	159.6	159.6	160.9	161.4	161.4	160.5	159.6	160.0	159.6	159.2	158.7
57.5°	148.5	146.8	147.7	148.1	148.1	146.8	147.7	146.8	146.8	147.2	145.9
60°	134.4	134.4	133.5	134.8	134.8	134.0	134.0	134.4	133.5	133.1	132.6
62.5°	119.4	119.8	121.1	121.6	122.0	121.1	120.3	120.7	120.7	119.4	119.8
65°	106.5	107.4	109.2	108.8	107.9	108.3	107.4	107.9	106.5	107.0	105.7
67.5°	94.2	93.7	94.2	94.2	95.1	94.6	93.7	93.7	93.3	94.6	93.3
70°	80.9	80.9	80.9	80.9	81.3	81.8	80.9	80.0	80.5	79.6	79.1
72.5°	67.2	67.6	67.2	68.1	66.8	67.6	67.6	67.2	66.8	66.8	66.8
75°	54.4	55.3	53.9	54.4	53.9	54.8	54.4	54.4	53.5	53.1	53.5
77.5°	41.6	42.0	41.1	41.6	41.1	41.6	41.6	41.1	41.1	41.1	41.1
80°	29.6	30.1	29.6	29.2	28.7	29.6	28.7	29.2	29.6	29.2	30.1
82.5°	19.0	19.0	18.6	19.0	18.1	18.1	18.6	18.6	18.1	19.0	18.1
85°	9.3	9.3	10.2	9.3	8.8	8.8	8.8	9.3	8.8	9.7	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°	30.6	30.9	31.4	31.9	32.5	33.0	32.5	31.9	31.4	30.9	30.6
92.5°	31.8	31.9	32.2	32.5	32.7	33.0	32.7	32.5	32.2	31.9	31.8
95°	53.8	53.7	53.4	53.1	52.9	52.6	52.9	53.1	53.4	53.7	53.8
97.5°	66.1	66.2	66.5	66.8	67.0	67.3	67.0	66.8	66.5	66.2	66.1
100°	79.5	79.8	80.3	80.9	81.4	82.0	81.4	80.9	80.3	79.8	79.5
102.5°	85.7	86.1	86.9	87.7	88.5	89.3	88.5	87.7	86.9	86.1	85.7
105°	88.1	88.6	89.7	90.8	91.9	93.0	91.9	90.8	89.7	88.6	88.1
107.5°	90.6	91.1	92.2	93.3	94.4	95.5	94.4	93.3	92.2	91.1	90.6
110°	91.8	92.3	93.4	94.5	95.6	96.7	95.6	94.5	93.4	92.3	91.8

TEST NUMBER: P1029307

CATALOG NUMBER: S122DIW-B290D1240UB2750-4F0-XX-W2A-A_3000K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
112.5°	94.2	94.6	95.4	96.3	97.1	97.9	97.1	96.3	95.4	94.6	94.2
115°	188.5	178.7	159.1	139.5	119.9	100.3	119.9	139.5	159.1	178.7	188.5
117.5°	646.1	610.5	539.2	468.0	396.7	325.5	396.7	468.0	539.2	610.5	646.1
120°	911.7	893.3	856.6	819.9	783.2	746.5	783.2	819.9	856.6	893.3	911.7
122.5°	976.5	976.6	976.9	977.2	977.5	977.8	977.5	977.2	976.9	976.6	976.5
125°	1042.6	1043.0	1043.8	1044.7	1045.5	1046.3	1045.5	1044.7	1043.8	1043.0	1042.6
127.5°	1106.3	1106.4	1106.7	1107.0	1107.2	1107.5	1107.2	1107.0	1106.7	1106.4	1106.3
130°	1165.0	1164.9	1164.6	1164.3	1164.1	1163.8	1164.1	1164.3	1164.6	1164.9	1165.0
132.5°	1220.1	1220.0	1219.7	1219.4	1219.1	1218.8	1219.1	1219.4	1219.7	1220.0	1220.1
135°	1273.9	1273.6	1273.1	1272.6	1272.0	1271.5	1272.0	1272.6	1273.1	1273.6	1273.9
137.5°	1324.1	1323.7	1322.9	1322.0	1321.2	1320.4	1321.2	1322.0	1322.9	1323.7	1324.1
140°	1371.8	1371.1	1369.8	1368.4	1367.1	1365.7	1367.1	1368.4	1369.8	1371.1	1371.8
142.5°	1415.9	1415.2	1413.8	1412.5	1411.1	1409.7	1411.1	1412.5	1413.8	1415.2	1415.9
145°	1456.2	1455.5	1454.2	1452.8	1451.5	1450.1	1451.5	1452.8	1454.2	1455.5	1456.2
147.5°	1491.7	1491.2	1490.1	1489.0	1487.9	1486.8	1487.9	1489.0	1490.1	1491.2	1491.7
150°	1526.0	1525.3	1524.0	1522.6	1521.3	1519.9	1521.3	1522.6	1524.0	1525.3	1526.0
152.5°	1556.6	1555.6	1553.7	1551.8	1549.9	1548.0	1549.9	1551.8	1553.7	1555.6	1556.6
155°	1583.5	1582.4	1580.2	1578.1	1575.9	1573.7	1575.9	1578.1	1580.2	1582.4	1583.5
157.5°	1608.0	1606.9	1604.7	1602.6	1600.4	1598.2	1600.4	1602.6	1604.7	1606.9	1608.0
160°	1627.6	1626.6	1624.7	1622.8	1620.9	1619.0	1620.9	1622.8	1624.7	1626.6	1627.6
162.5°	1647.2	1646.0	1643.5	1641.0	1638.6	1636.1	1638.6	1641.0	1643.5	1646.0	1647.2
165°	1661.8	1660.9	1659.0	1657.1	1655.2	1653.3	1655.2	1657.1	1659.0	1660.9	1661.8
167.5°	1675.3	1674.1	1671.6	1669.2	1666.7	1664.3	1666.7	1669.2	1671.6	1674.1	1675.3
170°	1685.1	1683.9	1681.4	1679.0	1676.5	1674.1	1676.5	1679.0	1681.4	1683.9	1685.1
172.5°	1692.4	1691.2	1688.7	1686.3	1683.8	1681.4	1683.8	1686.3	1688.7	1691.2	1692.4
175°	1697.3	1695.9	1693.2	1690.5	1687.8	1685.1	1687.8	1690.5	1693.2	1695.9	1697.3
177.5°	1698.5	1697.3	1694.8	1692.4	1689.9	1687.5	1689.9	1692.4	1694.8	1697.3	1698.5
180°	1691.2	1691.2	1691.2	1691.2	1691.2	1691.2	1691.2	1691.2	1691.2	1691.2	1691.2

TEST NUMBER: P1029307

CATALOG NUMBER: S122DIW-B290D1240UB2750-4F0-XX-W2A-A_3000K

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
0°	575.2	575.2	575.2	575.2	575.2	575.2	575.2	575.2	575.2	575.2	575.2
2.5°	546.0	549.5	548.2	543.3	549.1	549.1	553.1	553.1	557.9	559.7	562.3
5°	515.0	517.7	519.9	517.7	521.7	527.9	531.4	534.5	541.1	543.8	547.8
7.5°	481.9	486.8	489.0	489.0	495.6	502.7	509.7	514.2	523.4	527.0	531.0
10°	449.6	455.4	459.8	459.3	470.4	474.8	483.7	493.8	503.1	508.4	514.2
12.5°	415.6	418.7	424.9	433.7	436.4	444.3	454.5	467.3	484.1	489.0	497.4
15°	387.3	395.7	400.5	404.5	410.7	418.2	429.3	441.7	458.5	469.1	477.9
17.5°	363.4	374.5	377.6	376.7	384.6	396.1	408.9	418.2	433.3	446.1	454.5
20°	344.0	348.4	353.7	355.9	362.1	374.5	386.8	397.4	409.8	420.0	429.7
22.5°	324.5	328.0	332.5	336.4	341.3	348.4	360.3	373.6	385.5	395.2	406.3
25°	308.6	310.8	314.8	317.9	323.2	328.0	336.4	351.0	365.2	370.9	380.6
27.5°	293.1	294.9	297.5	301.1	303.7	308.6	316.1	328.0	342.6	348.4	361.6
30°	279.4	280.7	283.4	285.2	286.5	292.2	298.0	307.3	318.3	326.3	336.0
32.5°	266.6	267.9	270.6	271.0	272.8	275.9	281.2	289.6	299.3	305.9	314.3
35°	252.4	253.3	256.0	256.9	258.2	260.8	264.8	271.0	279.8	284.7	292.2
37.5°	241.4	240.9	242.7	244.0	245.8	247.1	248.5	254.6	261.3	265.7	271.4
40°	229.4	228.6	229.0	230.8	231.7	233.4	233.4	239.6	244.0	247.6	252.0
42.5°	217.5	217.1	216.2	217.1	218.0	218.4	218.8	223.3	227.7	230.8	235.6
45°	205.6	205.1	204.2	204.7	204.7	205.6	206.9	208.7	211.8	214.4	217.1
47.5°	194.5	193.6	192.3	191.9	192.8	192.8	192.8	194.5	197.6	198.5	201.2
50°	183.0	181.7	179.9	179.0	179.0	178.6	179.5	179.9	182.6	183.5	185.7
52.5°	170.6	169.8	168.0	166.2	166.7	165.8	166.2	166.7	167.6	168.9	170.2
55°	158.3	156.5	155.2	154.7	153.4	153.4	152.1	153.9	153.4	153.9	155.6
57.5°	146.3	144.6	142.4	141.5	140.1	139.7	138.8	138.4	138.8	140.1	141.5
60°	132.2	131.3	130.0	128.7	127.8	126.4	125.6	125.6	125.1	125.1	125.6
62.5°	118.5	118.0	116.3	115.8	114.9	114.1	112.7	111.9	111.9	112.7	113.2
65°	105.2	104.8	103.5	103.0	100.8	99.9	99.5	99.0	98.1	98.1	98.1
67.5°	92.8	91.5	91.5	89.3	87.5	86.7	85.8	85.3	85.3	85.3	85.8
70°	79.1	79.1	77.8	76.5	74.7	75.2	73.8	72.5	72.5	71.6	72.1
72.5°	65.9	65.4	64.1	63.7	62.3	61.0	60.1	61.0	59.7	59.2	59.7
75°	53.1	52.6	51.7	50.8	51.3	50.0	48.6	48.2	48.2	47.3	47.3
77.5°	40.7	41.6	39.8	39.3	38.5	37.6	37.1	36.7	36.7	36.7	37.6
80°	28.3	28.7	28.7	27.9	28.3	27.0	27.0	27.0	25.6	26.1	26.5
82.5°	18.1	18.1	17.7	18.1	17.7	17.7	17.2	17.2	16.8	16.8	17.2
85°	10.2	9.7	9.3	10.2	9.7	9.7	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	3.5	3.5	3.5
90°	29.9	28.6	27.2	25.9	24.5	22.3	20.1	18.0	15.8	14.7	13.2
92.5°	31.5	31.0	30.5	29.9	29.4	28.6	27.8	26.9	26.1	25.7	26.2
95°	53.1	51.8	50.4	49.1	47.7	45.8	43.9	42.0	40.1	39.2	43.7
97.5°	65.7	64.9	64.0	63.2	62.4	58.0	53.7	49.3	45.0	42.8	54.0
100°	78.4	76.3	74.1	72.0	69.8	65.2	60.5	55.9	51.2	48.9	67.5
102.5°	84.2	81.2	78.2	75.2	72.2	121.7	171.2	220.7	270.2	294.9	295.2
105°	86.6	83.6	80.6	77.6	74.6	148.8	223.1	297.3	371.6	408.7	404.6
107.5°	89.1	86.1	83.1	80.1	77.1	168.7	260.4	352.0	443.7	489.5	486.1
110°	105.4	132.6	159.8	187.0	214.2	292.8	371.4	449.9	528.5	567.8	564.9

TEST NUMBER: P1029307

CATALOG NUMBER: S122DIW-B290D1240UB2750-4F0-XX-W2A-A_3000K

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
112.5°	152.8	270.0	387.3	504.5	621.7	626.3	630.9	635.6	640.2	642.5	640.0
115°	251.4	377.3	503.2	629.1	755.0	748.2	741.4	734.7	727.9	724.5	722.2
117.5°	665.5	704.4	743.3	782.2	821.1	816.5	811.9	807.2	802.6	800.3	797.6
120°	910.1	906.8	903.5	900.3	897.0	892.1	887.2	882.3	877.4	875.0	873.0
122.5°	975.7	974.1	972.4	970.8	969.2	963.8	958.3	952.9	947.4	944.7	942.5
125°	1041.7	1039.8	1037.9	1036.0	1034.1	1028.9	1023.7	1018.6	1013.4	1010.8	1009.0
127.5°	1104.9	1102.2	1099.5	1096.7	1094.0	1089.9	1085.9	1081.8	1077.7	1075.7	1073.8
130°	1163.5	1160.5	1157.5	1154.5	1151.5	1148.5	1145.5	1142.6	1139.6	1138.1	1135.9
132.5°	1218.9	1216.4	1214.0	1211.5	1209.1	1206.1	1203.1	1200.1	1197.1	1195.6	1193.8
135°	1272.5	1269.8	1267.1	1264.4	1261.7	1259.3	1256.8	1254.4	1251.9	1250.7	1248.5
137.5°	1322.7	1320.0	1317.3	1314.5	1311.8	1309.1	1306.4	1303.7	1301.0	1299.6	1298.0
140°	1370.6	1368.1	1365.7	1363.2	1360.8	1357.8	1354.8	1351.8	1348.8	1347.3	1346.2
142.5°	1414.8	1412.6	1410.5	1408.3	1406.1	1402.6	1399.0	1395.5	1392.0	1390.2	1389.2
145°	1455.3	1453.4	1451.5	1449.6	1447.7	1443.1	1438.5	1433.8	1429.2	1426.9	1427.0
147.5°	1491.0	1489.7	1488.3	1487.0	1485.6	1481.0	1476.4	1471.7	1467.1	1464.8	1465.2
150°	1525.2	1523.6	1521.9	1520.3	1518.7	1514.3	1510.0	1505.6	1501.3	1499.1	1500.0
152.5°	1555.8	1554.2	1552.5	1550.9	1549.3	1545.2	1541.1	1537.0	1532.9	1530.9	1532.0
155°	1582.7	1581.1	1579.4	1577.8	1576.2	1572.9	1569.7	1566.4	1563.1	1561.5	1562.7
157.5°	1607.0	1605.1	1603.2	1601.3	1599.4	1597.0	1594.5	1592.1	1589.6	1588.4	1589.5
160°	1626.8	1625.1	1623.5	1621.8	1620.2	1618.6	1617.0	1615.3	1613.7	1612.9	1613.7
162.5°	1646.2	1644.3	1642.4	1640.5	1638.6	1637.2	1635.9	1634.5	1633.2	1632.5	1633.3
165°	1660.9	1659.0	1657.1	1655.2	1653.3	1652.5	1651.7	1650.8	1650.0	1649.6	1650.4
167.5°	1674.3	1672.4	1670.5	1668.6	1666.7	1665.9	1665.1	1664.3	1663.5	1663.1	1663.9
170°	1684.1	1682.2	1680.3	1678.4	1676.5	1676.0	1675.4	1674.9	1674.4	1674.1	1674.9
172.5°	1691.5	1689.6	1687.7	1685.8	1683.9	1683.3	1682.8	1682.2	1681.7	1681.4	1682.2
175°	1696.4	1694.5	1692.6	1690.7	1688.8	1688.2	1687.7	1687.1	1686.6	1686.3	1687.3
177.5°	1697.6	1695.7	1693.8	1691.9	1690.0	1689.7	1689.5	1689.2	1688.9	1688.8	1689.7
180°	1691.2	1691.2	1691.2	1691.2	1691.2	1691.2	1691.2	1691.2	1691.2	1691.2	1691.2

TEST NUMBER: P1029307

CATALOG NUMBER: S122DIW-B290D1240UB2750-4F0-XX-W2A-A_3000K

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
0°	575.2	575.2	575.2	575.2
2.5°	564.6	564.6	571.2	578.3
5°	552.2	555.3	565.9	575.6
7.5°	540.2	545.5	558.8	571.2
10°	525.7	532.7	549.1	563.7
12.5°	511.5	518.1	537.1	553.5
15°	491.6	500.0	520.3	540.7
17.5°	471.7	480.1	504.9	528.7
20°	448.3	459.3	487.2	519.0
22.5°	426.6	440.3	471.3	496.9
25°	402.8	424.0	452.7	485.9
27.5°	381.5	402.8	431.9	465.5
30°	357.7	379.3	409.4	440.3
32.5°	334.7	354.6	383.7	421.8
35°	310.8	329.8	358.1	396.6
37.5°	289.1	307.7	338.6	374.0
40°	267.9	287.4	313.9	349.3
42.5°	248.0	265.3	289.1	324.5
45°	229.9	242.3	264.4	297.5
47.5°	210.9	221.9	242.3	275.4
50°	193.2	202.5	220.2	251.1
52.5°	176.0	183.9	200.3	225.0
55°	160.5	168.0	179.9	204.2
57.5°	144.6	150.3	161.8	181.3
60°	129.1	134.4	143.7	159.6
62.5°	113.6	118.0	126.9	139.7
65°	99.9	103.5	110.1	121.1
67.5°	86.7	88.9	94.2	103.0
70°	73.8	75.6	80.0	87.1
72.5°	60.1	61.9	66.8	71.6
75°	48.6	49.1	52.6	56.6
77.5°	38.0	37.6	40.2	43.3
80°	26.1	27.4	29.6	30.9
82.5°	17.7	18.1	19.0	19.9
85°	9.7	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°	27.3	28.4	29.5	30.6
95°	52.6	61.6	70.5	79.5
97.5°	76.3	98.6	120.9	143.2
100°	104.8	142.1	179.3	216.6
102.5°	295.7	296.3	296.8	297.4
105°	396.5	388.3	380.2	372.0
107.5°	479.3	472.5	465.7	458.9
110°	559.2	553.5	547.8	542.1

TEST NUMBER: P1029307

CATALOG NUMBER: S122DIW-B290D1240UB2750-4F0-XX-W2A-A_3000K

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
112.5°	635.1	630.2	625.3	620.4
115°	717.5	712.9	708.2	703.6
117.5°	792.2	786.7	781.3	775.9
120°	868.9	864.8	860.7	856.6
122.5°	938.2	933.8	929.5	925.1
125°	1005.5	1002.0	998.4	994.9
127.5°	1070.0	1066.1	1062.3	1058.5
130°	1131.6	1127.2	1122.9	1118.5
132.5°	1190.3	1186.8	1183.2	1179.7
135°	1244.2	1239.8	1235.5	1231.1
137.5°	1294.7	1291.4	1288.2	1284.9
140°	1344.0	1341.9	1339.7	1337.5
142.5°	1387.3	1385.4	1383.5	1381.6
145°	1427.3	1427.6	1427.8	1428.1
147.5°	1466.0	1466.9	1467.7	1468.5
150°	1501.9	1503.8	1505.7	1507.6
152.5°	1534.2	1536.3	1538.5	1540.7
155°	1565.2	1567.6	1570.1	1572.5
157.5°	1591.7	1593.8	1596.0	1598.2
160°	1615.3	1617.0	1618.6	1620.2
162.5°	1634.9	1636.6	1638.2	1639.8
165°	1652.0	1653.7	1655.3	1656.9
167.5°	1665.5	1667.2	1668.8	1670.4
170°	1676.5	1678.2	1679.8	1681.4
172.5°	1683.9	1685.5	1687.2	1688.8
175°	1689.2	1691.1	1693.0	1694.9
177.5°	1691.6	1693.5	1695.4	1697.3
180°	1691.2	1691.2	1691.2	1691.2

(END OF REPORT)