

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: P1029310

Luminaire Tested: S122DIW-B290D1240UB2750-4F0-XX-W2A-A_5000K

Issue Date: 5/6/2025

Test Information

Test Method: LM-79-2019
Report Number: P1029310
REPORT IS A COMBINATION OF REPORTS P985491 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_5000K
Description: Define 2 Direct/Indirect Wall Mount with 5000K BioUP LEDs {m-DER=1.015} {m-EER=1.115}
Light Source: -
Ballast/Driver: -

Summary

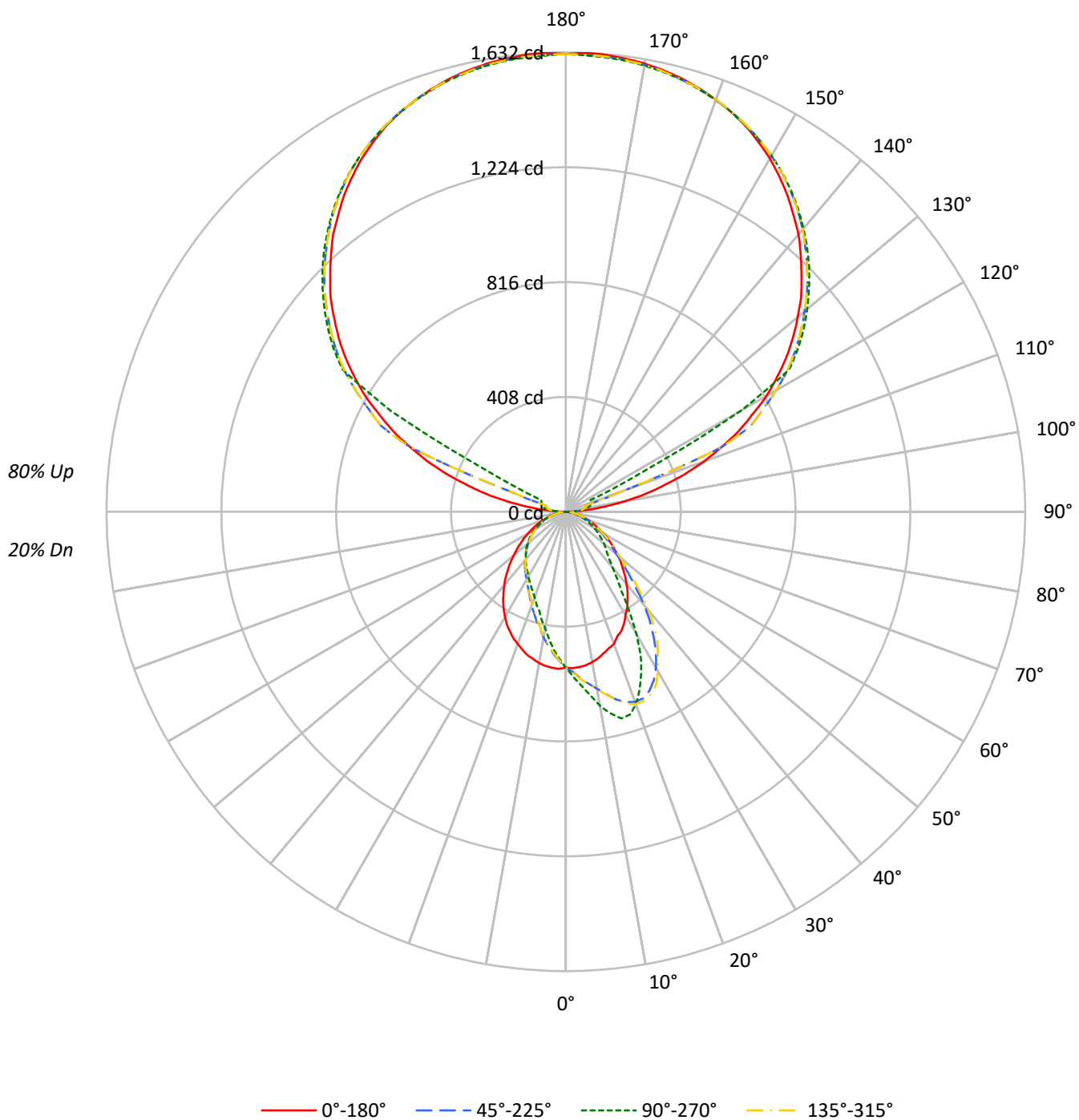
Lumens per Lamp: N/A
Luminaire Lumens: 5991.0 lumens
Efficiency: N/A
Efficacy: 108.7 lumens/watt
Spacing Criteria (0/90/45): 1.16 / 1.09 / 1.23
Luminous Opening: Rectangular w/ Sides (W: 0.17' x L: 4' x H: 0.1')
CIE Type: Semi-Indirect

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



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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20					20					20					20
RC	80				70					50					30					0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10
RCR																				
0	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°	8760	8760	8760	8760
5°	8781	9341	8815	7431
10°	8680	10197	8734	6127
15°	8468	10755	8587	5160
20°	8337	10098	8337	4486
25°	8071	8676	8107	4012
30°	7634	6819	7780	3633
35°	7247	4716	7367	3324
40°	6800	3561	6879	3078
45°	6253	2926	6355	2812
50°	5778	2568	5787	2574
55°	5236	2188	5271	2316
60°	4661	1828	4725	2021
65°	4145	1487	4220	1726
70°	3629	1166	3720	1392
75°	3043	846	3166	1009
80°	2379	536	2547	599
85°	1568	270	1681	200

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 157.5°

Vertical Angle: 45°

Luminance: 9055 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	52.7	0.9
10°-20°	153.4	2.6
20°-30°	222.7	3.7
30°-40°	234.7	3.9
40°-50°	207.7	3.5
50°-60°	165.9	2.8
60°-70°	112.7	1.9
70°-80°	57.6	1.0
80°-90°	16.5	0.3
90°-100°	53.6	0.9
100°-110°	199.9	3.3
110°-120°	530.1	8.8
120°-130°	879.2	14.7
130°-140°	934.0	15.6
140°-150°	868.0	14.5
150°-160°	697.9	11.6
160°-170°	449.7	7.5
170°-180°	154.8	2.6
0°-30°	428.8	7.2
0°-40°	663.5	11.1
0°-60°	1037.1	17.3
0°-90°	1223.9	20.4
90°-120°	783.6	13.1
90°-150°	3464.8	57.8
90°-180°	4767.0	79.6
0°-180°	5991.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	553	553	553	553	553	
5°	554	618	556	492	554	53
15°	520	760	528	364	520	147
25°	468	633	470	293	468	214
35°	382	345	388	243	382	239
45°	286	208	291	200	286	222
55°	196	146	198	154	196	175
65°	117	90	119	104	117	116
75°	54	44	57	53	54	58
85°	11	12	12	8	11	13
90°	1	32	1	32	1	5
95°	76	51	76	51	76	91
105°	358	89	358	89	358	382
115°	677	96	677	96	677	666
125°	957	1006	957	1006	957	853
135°	1184	1222	1184	1222	1184	914
145°	1373	1394	1373	1394	1373	859
155°	1512	1513	1512	1513	1512	697
165°	1593	1590	1593	1590	1593	450
175°	1630	1620	1630	1620	1630	155
180°	1626	1626	1626	1626	1626	

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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	553.4	553.4	553.4	553.4	553.4	553.4	553.4	553.4	553.4	553.4	553.4
2.5°	556.4	557.7	559.8	560.2	564.5	567.9	571.7	571.7	573.0	572.6	569.2
5°	553.8	557.7	563.2	567.9	575.5	578.9	584.0	587.9	591.3	593.8	593.4
7.5°	549.6	556.4	564.5	573.4	583.6	589.6	596.8	603.6	608.3	612.5	615.5
10°	542.4	553.8	564.9	576.8	590.0	598.1	606.6	615.5	622.8	630.8	638.5
12.5°	532.6	549.2	562.8	578.5	594.7	603.6	617.2	624.0	638.1	658.5	664.0
15°	520.2	542.8	555.5	575.5	596.8	604.0	622.8	633.8	662.7	675.5	690.8
17.5°	508.7	533.8	550.9	573.8	594.7	608.7	627.0	649.5	673.8	692.1	709.1
20°	499.4	523.6	544.1	569.6	596.0	613.8	633.0	660.2	686.6	705.3	718.5
22.5°	478.1	509.2	533.0	561.5	593.4	618.1	636.4	666.1	694.6	706.1	717.6
25°	467.5	494.3	521.9	554.3	591.7	621.0	636.8	670.0	695.1	699.3	701.9
27.5°	447.9	478.1	510.5	547.5	591.3	615.9	635.9	666.1	686.1	683.2	675.5
30°	423.7	460.7	496.4	536.4	585.3	612.1	630.8	658.5	668.7	653.4	639.8
32.5°	405.8	440.7	480.2	526.6	578.5	604.0	622.3	644.0	646.1	618.5	595.5
35°	381.6	420.3	464.9	513.9	567.0	590.0	607.0	620.2	610.0	571.3	544.1
37.5°	359.9	398.2	445.8	495.6	551.3	573.8	587.4	589.6	564.5	530.4	490.5
40°	336.0	375.6	425.4	477.7	533.8	553.4	561.9	555.5	519.4	479.8	433.5
42.5°	312.2	351.4	405.0	458.6	511.7	528.3	531.7	514.3	470.0	423.7	370.1
45°	286.3	327.1	380.7	434.7	486.2	495.6	496.0	470.9	418.6	370.1	320.3
47.5°	265.0	302.9	356.0	410.1	453.5	459.8	457.3	428.4	371.4	316.9	273.5
50°	241.6	277.8	330.5	383.7	420.7	422.4	416.0	374.8	319.0	269.3	234.8
52.5°	216.5	253.1	301.6	352.6	385.8	383.3	370.9	326.7	274.4	233.1	206.7
55°	196.5	228.9	274.4	324.1	347.5	340.3	326.7	281.6	240.3	205.5	182.5
57.5°	174.4	202.9	247.6	291.0	304.6	297.8	284.2	242.0	203.8	177.4	162.1
60°	153.6	179.5	218.6	254.8	265.4	258.2	242.5	204.6	177.0	154.8	143.4
62.5°	134.4	157.0	189.7	222.9	227.2	219.9	206.3	175.7	151.9	134.4	125.9
65°	116.6	137.8	164.2	189.3	193.1	185.5	171.4	149.3	129.3	118.3	110.2
67.5°	99.1	116.1	139.5	157.8	159.9	152.7	141.2	123.4	111.0	99.1	93.2
70°	83.8	96.6	114.9	129.7	130.6	123.8	117.8	101.7	92.3	83.8	79.1
72.5°	68.9	77.8	91.9	102.9	103.4	99.1	93.6	83.4	75.3	69.3	64.7
75°	54.4	62.1	70.6	80.4	80.0	76.6	72.3	65.9	59.1	55.3	53.2
77.5°	41.7	46.4	53.2	59.6	59.6	57.9	55.3	50.6	46.4	42.5	40.4
80°	29.8	32.8	38.3	40.4	41.3	40.8	38.7	35.3	33.6	30.6	29.8
82.5°	19.1	21.3	23.8	25.9	27.2	26.4	25.9	24.2	21.7	20.8	20.0
85°	11.1	11.9	13.2	14.5	14.9	14.5	15.3	14.0	12.8	12.8	12.3
87.5°	4.7	5.1	6.0	6.0	6.4	6.4	6.0	6.4	6.4	6.0	5.5
90°	1.2	4.1	6.9	9.8	12.7	14.1	15.1	17.2	19.3	21.4	23.5
92.5°	29.4	28.4	27.3	26.3	25.2	24.7	25.1	25.9	26.6	27.4	28.2
95°	76.5	67.9	59.3	50.6	42.0	37.7	38.6	40.4	42.3	44.1	45.9
97.5°	137.7	116.3	94.8	73.4	51.9	41.2	43.3	47.5	51.6	55.8	60.0
100°	208.3	172.5	136.7	100.8	65.0	47.1	49.3	53.8	58.2	62.7	67.1
102.5°	285.9	285.4	284.9	284.4	283.9	283.6	259.8	212.2	164.6	117.0	69.4
105°	357.7	365.5	373.4	381.2	389.1	393.0	357.3	285.9	214.6	143.2	71.8
107.5°	441.2	447.7	454.3	460.8	467.3	470.6	426.5	338.4	250.3	162.2	74.1
110°	521.2	526.7	532.2	537.7	543.2	546.0	508.2	432.6	357.1	281.5	205.9

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CANDELA DISTRIBUTION (continued):

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

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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	553.4	553.4	553.4	553.4	553.4	553.4	553.4	553.4	553.4	553.4	553.4
2.5°	575.1	575.5	576.4	580.6	582.8	583.2	581.5	585.3	586.6	585.3	584.5
5°	602.3	604.9	610.0	615.5	615.1	615.5	618.1	620.6	621.5	618.1	619.3
7.5°	626.2	631.3	636.8	645.3	645.3	649.5	651.3	653.4	658.5	655.9	655.1
10°	653.4	660.2	670.4	684.0	684.4	688.7	692.9	699.7	701.9	700.2	701.0
12.5°	687.4	700.6	701.4	716.3	723.1	724.0	730.8	729.5	733.8	733.8	741.0
15°	702.3	722.7	734.2	748.7	752.9	747.8	753.3	759.3	759.7	759.7	759.3
17.5°	729.1	737.2	748.7	756.3	758.0	758.0	758.4	761.0	759.3	755.9	758.4
20°	734.6	738.0	742.3	741.4	742.3	738.0	733.8	729.5	729.9	727.8	734.2
22.5°	724.4	723.6	713.8	707.4	707.4	698.9	690.8	687.0	683.2	684.4	686.6
25°	698.9	685.7	673.8	664.4	662.3	648.7	637.6	634.2	627.9	633.0	633.8
27.5°	658.1	643.2	624.0	615.9	604.9	599.4	591.7	581.5	568.3	576.0	574.7
30°	614.2	592.1	576.4	556.8	539.4	538.1	523.6	506.6	499.8	499.8	503.6
32.5°	565.3	536.0	513.0	485.4	468.3	461.1	443.7	426.7	430.5	417.7	422.4
35°	508.3	469.6	440.7	413.9	401.1	392.6	370.1	360.7	350.5	344.6	355.6
37.5°	453.9	409.2	372.2	342.9	338.2	322.9	307.5	301.6	295.6	298.2	297.8
40°	387.5	348.0	314.8	291.8	283.7	276.5	266.3	259.1	255.2	257.4	257.8
42.5°	327.5	294.4	269.7	253.5	246.7	241.6	236.5	230.6	229.3	229.3	231.0
45°	281.2	253.9	237.4	224.2	220.3	216.5	212.7	210.1	209.3	207.6	208.9
47.5°	244.2	222.5	212.3	202.5	198.2	197.4	194.0	192.7	191.0	190.6	191.0
50°	213.1	199.5	190.1	184.6	181.6	180.4	178.7	176.1	175.3	177.4	176.5
52.5°	191.4	178.7	173.6	168.0	166.3	164.6	162.1	162.5	162.1	161.2	161.2
55°	169.7	161.6	156.5	152.3	151.9	150.2	148.0	147.2	146.8	145.9	147.2
57.5°	152.3	145.9	141.2	137.4	135.7	135.7	133.6	131.9	131.9	131.4	131.9
60°	134.8	128.5	125.5	121.7	120.4	120.0	118.7	117.8	116.6	116.6	116.6
62.5°	118.7	113.6	110.2	106.8	107.2	105.1	103.4	102.5	102.5	102.9	102.9
65°	103.4	100.0	95.7	92.7	91.9	91.5	90.6	90.2	88.9	89.8	89.8
67.5°	89.3	84.6	82.1	80.8	79.5	79.1	78.3	77.4	77.0	76.6	77.4
70°	75.3	71.5	69.3	68.5	67.2	66.8	66.4	65.1	65.5	65.9	66.4
72.5°	62.5	59.1	58.7	56.1	56.1	56.1	54.4	55.3	54.9	54.0	54.9
75°	49.3	47.6	46.8	45.5	45.9	45.5	45.1	43.8	43.8	44.2	44.7
77.5°	39.1	37.4	37.0	35.7	34.9	35.7	34.9	34.5	34.5	34.9	34.9
80°	28.9	28.1	26.8	26.8	26.8	26.4	26.4	26.4	25.9	25.5	25.9
82.5°	19.1	19.1	18.7	18.3	18.7	17.9	18.3	18.3	18.3	18.3	18.3
85°	12.3	11.9	11.9	11.5	11.5	11.5	11.9	11.1	11.1	11.5	11.5
87.5°	5.5	5.5	5.5	6.0	5.5	5.5	5.5	6.0	5.5	5.5	5.5
90°	24.8	26.1	27.4	28.7	29.4	29.7	30.2	30.7	31.3	31.8	31.3
92.5°	28.7	29.3	29.8	30.3	30.6	30.7	31.0	31.3	31.5	31.8	31.5
95°	47.2	48.5	49.8	51.1	51.8	51.7	51.4	51.1	50.9	50.6	50.9
97.5°	60.8	61.6	62.3	63.1	63.5	63.6	63.9	64.2	64.4	64.7	64.4
100°	69.2	71.3	73.4	75.5	76.5	76.8	77.3	77.8	78.3	78.8	78.3
102.5°	72.3	75.2	78.1	81.0	82.4	82.8	83.6	84.3	85.1	85.9	85.1
105°	74.7	77.5	80.4	83.3	84.7	85.2	86.3	87.3	88.4	89.4	88.4
107.5°	77.0	79.9	82.8	85.7	87.1	87.6	88.7	89.7	90.8	91.8	90.8
110°	179.7	153.6	127.4	101.3	88.2	88.7	89.8	90.9	91.9	93.0	91.9

TEST NUMBER: P1029310

CATALOG NUMBER: S122DIW-B290D1240UB2750-4F0-XX-W2A-A_5000K

CANDELA DISTRIBUTION (continued):

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

TEST NUMBER: P1029310

CATALOG NUMBER: S122DIW-B290D1240UB2750-4F0-XX-W2A-A_5000K

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	553.4	553.4	553.4	553.4	553.4	553.4	553.4	553.4	553.4	553.4	553.4
2.5°	586.6	583.6	581.1	581.5	583.6	581.9	577.7	572.1	570.0	567.5	570.0
5°	621.9	619.3	614.2	614.7	613.4	611.7	604.9	596.4	596.4	589.6	588.7
7.5°	656.8	653.0	649.5	648.7	644.0	640.6	634.7	622.8	618.1	610.0	605.3
10°	695.9	692.9	689.1	684.4	681.9	675.9	666.1	648.7	640.2	629.1	621.0
12.5°	735.5	735.0	726.5	717.2	716.8	707.4	700.6	677.2	665.7	650.8	631.7
15°	760.6	758.4	753.8	749.1	750.4	740.2	724.8	697.2	689.5	671.7	651.3
17.5°	760.1	760.1	758.9	758.0	756.7	753.8	745.3	727.0	714.6	692.1	672.9
20°	735.9	741.4	742.7	742.3	746.5	748.7	748.2	736.8	727.0	707.0	687.4
22.5°	687.4	700.2	705.7	709.1	718.0	722.7	733.8	729.5	727.0	712.1	695.5
25°	642.3	646.6	663.2	664.0	676.3	687.8	698.9	706.1	715.5	710.0	695.9
27.5°	584.0	593.8	605.7	614.7	617.2	640.6	658.9	672.5	693.8	695.5	690.8
30°	518.1	522.8	542.4	554.3	567.9	584.9	611.3	634.7	653.8	671.2	677.2
32.5°	437.7	456.9	468.3	482.8	494.7	524.9	557.2	587.4	609.6	638.9	651.7
35°	364.1	379.0	398.6	404.5	426.2	451.7	493.9	532.6	566.2	596.0	621.9
37.5°	303.3	315.2	336.0	345.4	358.2	390.9	426.2	474.3	514.7	551.3	583.6
40°	261.6	270.5	286.3	289.3	299.9	329.7	358.2	403.3	456.9	506.2	541.5
42.5°	233.1	237.4	248.0	251.8	258.6	278.6	304.1	346.7	396.5	447.5	497.3
45°	212.7	215.7	222.0	225.4	234.0	242.9	263.7	297.8	336.9	388.4	442.0
47.5°	194.4	198.2	200.8	202.9	207.6	217.4	231.0	256.1	293.5	340.7	392.6
50°	179.1	180.4	185.0	185.5	188.4	194.8	207.6	222.9	252.7	291.0	341.2
52.5°	163.8	165.0	168.0	171.0	172.3	177.4	185.9	198.7	220.8	251.0	295.6
55°	148.5	150.2	153.1	155.3	156.5	160.8	165.9	178.2	195.7	216.9	253.5
57.5°	133.1	137.0	137.8	139.1	141.2	145.9	150.6	157.8	171.4	191.0	217.8
60°	118.7	120.0	122.9	124.2	126.3	128.9	134.8	140.4	150.2	165.5	189.7
62.5°	103.8	106.8	108.0	109.3	111.0	114.0	117.8	123.8	132.3	144.6	163.8
65°	91.0	91.5	94.0	95.7	97.4	99.5	103.4	108.9	114.0	125.5	139.5
67.5°	78.7	79.5	80.4	82.1	84.2	86.4	89.8	92.7	99.1	106.8	117.8
70°	66.8	66.8	68.9	70.2	69.8	72.3	74.9	78.3	82.9	90.2	99.1
72.5°	56.1	55.7	57.4	57.9	58.7	60.4	62.1	65.5	68.1	73.6	80.4
75°	44.7	45.5	46.4	46.4	47.6	48.9	50.6	52.3	55.3	58.7	63.8
77.5°	35.3	35.3	36.2	36.6	37.9	37.4	39.1	40.8	43.0	45.9	49.8
80°	25.9	26.8	26.8	26.8	27.2	27.6	29.4	30.6	31.9	34.0	35.7
82.5°	18.3	18.3	19.1	19.1	19.1	20.0	20.0	20.4	21.3	22.5	23.8
85°	11.5	11.5	11.5	11.9	11.5	11.9	12.8	12.3	12.8	13.6	13.6
87.5°	5.5	5.5	5.5	5.5	5.5	6.0	5.5	6.0	6.4	6.4	6.4
90°	30.7	30.2	29.7	29.4	28.7	27.4	26.1	24.8	23.5	21.4	19.3
92.5°	31.3	31.0	30.7	30.6	30.3	29.8	29.3	28.7	28.2	27.4	26.6
95°	51.1	51.4	51.7	51.8	51.1	49.8	48.5	47.2	45.9	44.1	42.3
97.5°	64.2	63.9	63.6	63.5	63.1	62.3	61.6	60.8	60.0	55.8	51.6
100°	77.8	77.3	76.8	76.5	75.5	73.4	71.3	69.2	67.1	62.7	58.2
102.5°	84.3	83.6	82.8	82.4	81.0	78.1	75.2	72.3	69.4	117.0	164.6
105°	87.3	86.3	85.2	84.7	83.3	80.4	77.5	74.7	71.8	143.2	214.6
107.5°	89.7	88.7	87.6	87.1	85.7	82.8	79.9	77.0	74.1	162.2	250.3
110°	90.9	89.8	88.7	88.2	101.3	127.4	153.6	179.7	205.9	281.5	357.1

TEST NUMBER: P1029310

CATALOG NUMBER: S122DIW-B290D1240UB2750-4F0-XX-W2A-A_5000K

CANDELA DISTRIBUTION (continued):

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

TEST NUMBER: P1029310

CATALOG NUMBER: S122DIW-B290D1240UB2750-4F0-XX-W2A-A_5000K

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
0°	553.4	553.4	553.4	553.4	553.4	553.4	553.4	553.4	553.4	553.4	553.4
2.5°	567.9	565.7	564.5	565.3	562.8	556.4	556.4	558.5	556.0	553.4	549.6
5°	583.6	579.4	576.8	576.4	570.4	560.2	558.1	556.0	550.4	544.5	538.1
7.5°	598.9	591.3	587.0	584.0	575.5	562.3	556.8	552.1	543.2	534.3	526.2
10°	611.7	600.6	595.5	590.8	579.8	563.2	554.3	545.8	534.3	522.8	512.6
12.5°	621.9	609.1	602.8	596.0	582.3	560.6	549.6	536.0	524.5	509.2	499.0
15°	638.9	612.5	606.6	600.2	586.2	556.4	542.8	527.5	511.7	491.3	480.2
17.5°	652.5	617.2	616.8	603.2	584.9	554.7	533.8	513.9	496.8	476.4	459.0
20°	660.6	624.5	617.6	603.6	580.6	543.2	521.5	499.4	481.1	456.4	439.0
22.5°	667.4	634.7	616.8	599.8	571.7	539.4	507.5	486.6	461.5	434.7	418.1
25°	670.0	636.8	618.1	598.5	565.3	528.3	492.2	469.6	441.5	417.3	394.7
27.5°	670.4	636.4	613.4	593.0	556.4	513.9	476.8	453.0	422.0	393.9	371.4
30°	666.1	631.7	610.8	588.7	547.9	500.7	458.1	431.8	398.6	370.5	347.1
32.5°	653.4	622.3	605.3	581.1	536.8	482.4	440.3	410.9	376.0	348.4	325.8
35°	632.1	610.8	592.1	569.6	522.4	465.4	422.4	387.9	352.6	326.3	305.0
37.5°	605.7	594.3	576.8	554.7	505.8	450.0	402.4	364.1	328.8	303.3	282.4
40°	570.0	573.0	556.0	536.0	486.2	429.2	376.5	339.9	306.7	282.9	262.5
42.5°	531.3	543.6	533.8	514.7	464.5	406.2	357.3	316.9	284.6	259.9	242.9
45°	489.6	510.9	504.9	490.9	442.0	382.0	330.1	291.0	262.5	238.6	223.7
47.5°	444.1	474.3	474.3	464.1	416.9	357.7	306.7	266.7	238.6	221.6	207.2
50°	397.7	431.8	437.3	430.5	388.8	330.1	278.2	242.0	217.8	201.2	190.6
52.5°	349.2	388.8	399.0	395.6	359.0	303.7	254.8	219.5	197.4	182.9	173.6
55°	302.9	348.8	359.9	361.1	327.1	274.8	228.9	197.8	176.5	166.7	158.7
57.5°	259.1	303.3	315.6	317.8	294.8	248.4	204.6	177.4	158.2	150.2	143.8
60°	221.6	258.6	274.8	279.5	259.5	217.8	182.1	155.7	141.2	133.6	127.6
62.5°	191.0	220.8	237.8	239.1	230.1	191.0	158.7	136.5	124.2	117.4	114.4
65°	161.2	188.0	198.2	203.3	196.1	165.5	137.0	118.7	108.9	102.9	100.0
67.5°	137.4	154.4	162.9	169.7	162.5	139.5	116.6	101.7	94.4	88.5	86.8
70°	112.7	126.8	133.1	139.9	133.6	116.1	99.5	85.9	79.5	74.9	72.7
72.5°	90.2	101.2	107.2	111.4	107.6	93.2	79.5	70.2	65.5	62.1	60.8
75°	71.5	79.1	82.5	85.5	83.8	72.7	64.2	56.6	52.3	49.3	48.5
77.5°	54.4	60.0	63.8	64.7	62.5	55.3	48.1	43.4	40.0	38.3	37.4
80°	38.7	42.1	44.2	45.5	43.4	40.4	35.3	31.9	28.9	26.8	26.4
82.5°	25.9	27.6	29.4	28.9	28.1	25.5	22.5	20.8	19.6	17.9	17.9
85°	14.9	15.3	16.2	16.6	16.2	14.5	12.8	11.9	11.1	9.8	9.8
87.5°	6.4	6.8	6.8	7.2	6.4	6.4	5.5	4.7	4.7	4.3	3.8
90°	17.2	15.1	14.1	12.7	9.8	6.9	4.1	1.2	4.1	6.9	9.8
92.5°	25.9	25.1	24.7	25.2	26.3	27.3	28.4	29.4	28.4	27.3	26.3
95°	40.4	38.6	37.7	42.0	50.6	59.3	67.9	76.5	67.9	59.3	50.6
97.5°	47.5	43.3	41.2	51.9	73.4	94.8	116.3	137.7	116.3	94.8	73.4
100°	53.8	49.3	47.1	65.0	100.8	136.7	172.5	208.3	172.5	136.7	100.8
102.5°	212.2	259.8	283.6	283.9	284.4	284.9	285.4	285.9	285.4	284.9	284.4
105°	285.9	357.3	393.0	389.1	381.2	373.4	365.5	357.7	365.5	373.4	381.2
107.5°	338.4	426.5	470.6	467.3	460.8	454.3	447.7	441.2	447.7	454.3	460.8
110°	432.6	508.2	546.0	543.2	537.7	532.2	526.7	521.2	526.7	532.2	537.7

TEST NUMBER: P1029310

CATALOG NUMBER: S122DIW-B290D1240UB2750-4F0-XX-W2A-A_5000K

CANDELA DISTRIBUTION (continued):

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

TEST NUMBER: P1029310

CATALOG NUMBER: S122DIW-B290D1240UB2750-4F0-XX-W2A-A_5000K

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
0°	553.4	553.4	553.4	553.4	553.4	553.4	553.4	553.4	553.4	553.4	553.4
2.5°	547.5	549.6	549.2	544.9	540.2	536.4	529.2	530.0	527.5	527.9	530.4
5°	533.8	533.8	532.1	526.2	518.5	514.3	506.2	504.1	499.0	498.5	498.1
7.5°	519.4	517.3	515.1	506.6	497.3	490.5	479.4	476.8	471.7	468.3	466.6
10°	502.4	499.4	495.1	485.4	473.9	465.4	453.9	450.5	440.7	436.4	433.9
12.5°	483.7	482.0	475.1	467.1	448.3	439.0	422.4	425.8	416.0	407.5	406.2
15°	464.9	458.6	454.7	441.5	419.0	414.7	401.6	394.7	385.8	379.0	379.0
17.5°	446.6	436.9	428.4	414.3	397.7	385.8	376.0	372.6	361.6	354.8	353.5
20°	422.4	411.3	409.2	389.2	377.7	364.5	355.2	346.7	338.6	335.6	333.5
22.5°	399.4	386.7	383.3	366.2	354.8	341.6	332.2	326.3	320.3	318.2	314.4
25°	374.8	367.1	362.0	343.7	330.9	318.6	312.2	308.0	302.4	302.0	299.5
27.5°	350.9	343.7	338.6	321.2	311.8	300.3	295.2	290.5	287.6	286.3	285.0
30°	330.5	322.4	316.5	303.7	292.2	282.9	278.6	275.6	273.9	271.8	271.4
32.5°	308.0	303.3	295.2	285.4	276.5	267.6	265.0	262.9	260.3	259.5	259.1
35°	288.8	282.4	277.3	266.3	262.5	254.8	251.8	250.1	246.7	245.9	245.0
37.5°	270.1	264.2	258.6	251.8	244.6	240.3	238.6	236.1	234.4	234.8	234.0
40°	251.4	246.7	242.5	235.2	231.0	228.9	225.4	222.9	222.0	222.5	222.0
42.5°	233.1	228.9	226.3	220.8	216.5	214.4	212.3	209.7	211.0	211.0	212.3
45°	216.5	212.7	211.0	206.7	204.2	200.8	198.7	198.2	199.9	199.5	199.5
47.5°	199.5	198.2	196.1	192.3	188.9	186.7	186.3	186.3	188.0	188.9	188.4
50°	186.3	183.8	181.2	178.2	175.7	174.8	173.6	174.4	176.1	176.1	177.0
52.5°	169.7	168.0	167.2	164.6	162.9	162.9	162.9	163.3	164.6	165.9	165.5
55°	155.3	154.0	153.1	151.9	149.7	150.2	149.7	150.6	151.9	153.1	154.0
57.5°	139.9	139.5	138.7	136.5	136.5	136.1	137.4	137.8	139.9	140.8	142.1
60°	126.3	125.1	125.1	123.4	123.4	123.4	124.6	125.9	127.6	128.0	128.9
62.5°	111.9	111.9	111.4	110.2	110.2	111.4	111.9	113.6	114.4	114.4	115.7
65°	98.3	97.8	97.4	97.8	98.3	98.3	99.5	100.4	101.2	101.7	102.1
67.5°	84.6	84.2	85.1	84.6	85.5	87.2	86.8	88.1	89.3	89.3	89.8
70°	71.9	72.7	72.3	73.2	72.7	73.6	74.9	75.3	75.3	75.7	77.0
72.5°	60.0	60.0	60.0	59.6	60.0	60.8	61.7	62.1	63.0	63.4	64.7
75°	48.5	48.5	47.6	48.5	48.5	49.3	50.2	50.2	50.2	51.0	52.3
77.5°	36.6	37.0	36.6	37.4	37.4	37.9	38.7	38.3	39.1	39.6	40.0
80°	26.8	26.4	26.4	26.4	26.8	26.8	27.6	28.1	28.1	29.4	28.5
82.5°	17.0	17.4	17.0	17.4	17.4	17.9	17.4	17.9	18.3	19.1	18.7
85°	9.8	9.4	9.4	9.8	9.4	9.4	9.8	9.4	9.8	9.4	9.8
87.5°	3.8	3.4	3.4	3.4	3.4	3.0	3.0	2.6	2.6	2.6	2.1
90°	12.7	14.1	15.1	17.2	19.3	21.4	23.5	24.8	26.1	27.4	28.7
92.5°	25.2	24.7	25.1	25.9	26.6	27.4	28.2	28.7	29.3	29.8	30.3
95°	42.0	37.7	38.6	40.4	42.3	44.1	45.9	47.2	48.5	49.8	51.1
97.5°	51.9	41.2	43.3	47.5	51.6	55.8	60.0	60.8	61.6	62.3	63.1
100°	65.0	47.1	49.3	53.8	58.2	62.7	67.1	69.2	71.3	73.4	75.5
102.5°	283.9	283.6	259.8	212.2	164.6	117.0	69.4	72.3	75.2	78.1	81.0
105°	389.1	393.0	357.3	285.9	214.6	143.2	71.8	74.7	77.5	80.4	83.3
107.5°	467.3	470.6	426.5	338.4	250.3	162.2	74.1	77.0	79.9	82.8	85.7
110°	543.2	546.0	508.2	432.6	357.1	281.5	205.9	179.7	153.6	127.4	101.3

TEST NUMBER: P1029310

CATALOG NUMBER: S122DIW-B290D1240UB2750-4F0-XX-W2A-A_5000K

CANDELA DISTRIBUTION (continued):

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

TEST NUMBER: P1029310

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CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
0°	553.4	553.4	553.4	553.4	553.4	553.4	553.4	553.4	553.4	553.4	553.4
2.5°	527.5	528.7	525.8	524.9	525.8	522.8	523.6	524.5	524.5	525.8	526.6
5°	496.8	495.1	492.2	491.3	490.5	491.7	490.9	492.2	492.6	495.6	496.0
7.5°	466.6	464.1	461.5	459.0	458.1	456.0	458.1	458.1	461.1	460.3	462.4
10°	430.9	430.5	427.1	425.8	424.1	420.7	425.4	424.1	426.2	430.1	430.9
12.5°	404.5	399.9	402.0	396.0	398.2	394.7	395.2	395.2	398.6	399.0	398.2
15°	379.4	375.6	370.1	367.5	366.2	364.5	370.1	370.5	368.0	373.9	371.8
17.5°	353.9	353.9	348.8	347.5	344.1	345.8	345.0	345.4	344.6	348.8	350.9
20°	331.8	329.7	328.0	328.4	324.1	323.3	322.4	323.3	326.3	329.2	330.1
22.5°	313.9	312.7	308.4	309.2	305.8	307.1	306.3	308.4	308.8	308.8	311.8
25°	296.9	295.2	295.6	293.9	292.7	292.7	291.4	292.7	294.4	295.2	295.6
27.5°	284.2	282.9	280.7	279.5	280.3	278.2	279.9	281.2	281.2	280.3	281.2
30°	268.8	269.7	269.7	265.4	267.1	266.3	267.6	268.4	268.4	268.8	268.0
32.5°	258.6	256.1	255.7	255.2	255.2	253.5	253.5	254.8	255.2	255.7	256.9
35°	245.0	245.0	242.9	244.2	242.5	242.9	242.5	242.9	243.7	242.5	243.7
37.5°	232.7	233.1	232.3	233.1	233.5	232.7	231.8	233.5	232.7	232.7	231.8
40°	222.0	221.6	222.0	222.0	222.0	222.5	221.6	221.6	221.6	220.8	219.9
42.5°	213.1	210.6	211.4	211.8	210.6	210.6	211.0	210.6	211.8	209.3	209.3
45°	200.4	199.5	199.9	199.9	200.8	199.5	200.4	200.8	199.5	199.1	198.2
47.5°	188.9	189.7	188.9	189.7	189.7	190.6	188.9	189.3	189.7	188.0	186.7
50°	177.4	177.4	178.7	178.2	178.7	177.8	177.8	177.4	177.8	177.0	175.7
52.5°	166.7	165.5	167.6	167.2	166.7	166.3	165.9	166.3	165.5	164.6	164.6
55°	153.6	153.6	154.8	155.3	155.3	154.4	153.6	154.0	153.6	153.1	152.7
57.5°	142.9	141.2	142.1	142.5	142.5	141.2	142.1	141.2	141.2	141.7	140.4
60°	129.3	129.3	128.5	129.7	129.7	128.9	128.9	129.3	128.5	128.0	127.6
62.5°	114.9	115.3	116.6	117.0	117.4	116.6	115.7	116.1	116.1	114.9	115.3
65°	102.5	103.4	105.1	104.6	103.8	104.2	103.4	103.8	102.5	102.9	101.7
67.5°	90.6	90.2	90.6	90.6	91.5	91.0	90.2	90.2	89.8	91.0	89.8
70°	77.8	77.8	77.8	77.8	78.3	78.7	77.8	77.0	77.4	76.6	76.1
72.5°	64.7	65.1	64.7	65.5	64.2	65.1	65.1	64.7	64.2	64.2	64.2
75°	52.3	53.2	51.9	52.3	51.9	52.7	52.3	52.3	51.5	51.0	51.5
77.5°	40.0	40.4	39.6	40.0	39.6	40.0	40.0	39.6	39.6	39.6	39.6
80°	28.5	28.9	28.5	28.1	27.6	28.5	27.6	28.1	28.5	28.1	28.9
82.5°	18.3	18.3	17.9	18.3	17.4	17.4	17.9	17.9	17.4	18.3	17.4
85°	8.9	8.9	9.8	8.9	8.5	8.5	8.5	8.9	8.5	9.4	8.9
87.5°	2.1	1.7	2.1	2.1	1.7	1.7	2.1	1.7	2.1	2.6	1.7
90°	29.4	29.7	30.2	30.7	31.3	31.8	31.3	30.7	30.2	29.7	29.4
92.5°	30.6	30.7	31.0	31.3	31.5	31.8	31.5	31.3	31.0	30.7	30.6
95°	51.8	51.7	51.4	51.1	50.9	50.6	50.9	51.1	51.4	51.7	51.8
97.5°	63.5	63.6	63.9	64.2	64.4	64.7	64.4	64.2	63.9	63.6	63.5
100°	76.5	76.8	77.3	77.8	78.3	78.8	78.3	77.8	77.3	76.8	76.5
102.5°	82.4	82.8	83.6	84.3	85.1	85.9	85.1	84.3	83.6	82.8	82.4
105°	84.7	85.2	86.3	87.3	88.4	89.4	88.4	87.3	86.3	85.2	84.7
107.5°	87.1	87.6	88.7	89.7	90.8	91.8	90.8	89.7	88.7	87.6	87.1
110°	88.2	88.7	89.8	90.9	91.9	93.0	91.9	90.9	89.8	88.7	88.2

TEST NUMBER: P1029310

CATALOG NUMBER: S122DIW-B290D1240UB2750-4F0-XX-W2A-A_5000K

CANDELA DISTRIBUTION (continued):

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

TEST NUMBER: P1029310

CATALOG NUMBER: S122DIW-B290D1240UB2750-4F0-XX-W2A-A_5000K

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
0°	553.4	553.4	553.4	553.4	553.4	553.4	553.4	553.4	553.4	553.4	553.4
2.5°	525.3	528.7	527.5	522.8	528.3	528.3	532.1	532.1	536.8	538.5	541.1
5°	495.6	498.1	500.2	498.1	501.9	507.9	511.3	514.3	520.7	523.2	527.0
7.5°	463.7	468.3	470.5	470.5	476.8	483.7	490.5	494.7	503.6	507.0	510.9
10°	432.6	438.1	442.4	442.0	452.6	456.9	465.4	475.1	484.1	489.2	494.7
12.5°	399.9	402.8	408.8	417.3	419.8	427.5	437.3	449.6	465.8	470.5	478.5
15°	372.6	380.7	385.4	389.2	395.2	402.4	413.0	425.0	441.1	451.3	459.8
17.5°	349.7	360.3	363.3	362.4	370.1	381.1	393.5	402.4	416.9	429.2	437.3
20°	330.9	335.2	340.3	342.4	348.4	360.3	372.2	382.4	394.3	404.1	413.5
22.5°	312.2	315.6	319.9	323.7	328.4	335.2	346.7	359.4	370.9	380.3	390.9
25°	296.9	299.0	302.9	305.8	310.9	315.6	323.7	337.7	351.4	356.9	366.2
27.5°	282.0	283.7	286.3	289.7	292.2	296.9	304.1	315.6	329.7	335.2	348.0
30°	268.8	270.1	272.7	274.4	275.6	281.2	286.7	295.6	306.3	313.9	323.3
32.5°	256.5	257.8	260.3	260.8	262.5	265.4	270.5	278.6	288.0	294.4	302.4
35°	242.9	243.7	246.3	247.1	248.4	251.0	254.8	260.8	269.3	273.9	281.2
37.5°	232.3	231.8	233.5	234.8	236.5	237.8	239.1	245.0	251.4	255.7	261.2
40°	220.8	219.9	220.3	222.0	222.9	224.6	224.6	230.6	234.8	238.2	242.5
42.5°	209.3	208.9	208.0	208.9	209.7	210.1	210.6	214.8	219.1	222.0	226.7
45°	197.8	197.4	196.5	196.9	196.9	197.8	199.1	200.8	203.8	206.3	208.9
47.5°	187.2	186.3	185.0	184.6	185.5	185.5	185.5	187.2	190.1	191.0	193.5
50°	176.1	174.8	173.1	172.3	172.3	171.9	172.7	173.1	175.7	176.5	178.7
52.5°	164.2	163.3	161.6	159.9	160.4	159.5	159.9	160.4	161.2	162.5	163.8
55°	152.3	150.6	149.3	148.9	147.6	147.6	146.3	148.0	147.6	148.0	149.7
57.5°	140.8	139.1	137.0	136.1	134.8	134.4	133.6	133.1	133.6	134.8	136.1
60°	127.2	126.3	125.1	123.8	122.9	121.7	120.8	120.8	120.4	120.4	120.8
62.5°	114.0	113.6	111.9	111.4	110.6	109.7	108.5	107.6	107.6	108.5	108.9
65°	101.2	100.8	99.5	99.1	97.0	96.1	95.7	95.3	94.4	94.4	94.4
67.5°	89.3	88.1	88.1	85.9	84.2	83.4	82.5	82.1	82.1	82.1	82.5
70°	76.1	76.1	74.9	73.6	71.9	72.3	71.0	69.8	69.8	68.9	69.3
72.5°	63.4	63.0	61.7	61.3	60.0	58.7	57.9	58.7	57.4	57.0	57.4
75°	51.0	50.6	49.8	48.9	49.3	48.1	46.8	46.4	46.4	45.5	45.5
77.5°	39.1	40.0	38.3	37.9	37.0	36.2	35.7	35.3	35.3	35.3	36.2
80°	27.2	27.6	27.6	26.8	27.2	25.9	25.9	25.9	24.7	25.1	25.5
82.5°	17.4	17.4	17.0	17.4	17.0	17.0	16.6	16.6	16.2	16.2	16.6
85°	9.8	9.4	8.9	9.8	9.4	9.4	8.9	8.9	8.9	8.9	8.9
87.5°	2.1	2.6	2.6	2.6	2.6	3.0	3.0	3.0	3.4	3.4	3.4
90°	28.7	27.4	26.1	24.8	23.5	21.4	19.3	17.2	15.1	14.1	12.7
92.5°	30.3	29.8	29.3	28.7	28.2	27.4	26.6	25.9	25.1	24.7	25.2
95°	51.1	49.8	48.5	47.2	45.9	44.1	42.3	40.4	38.6	37.7	42.0
97.5°	63.1	62.3	61.6	60.8	60.0	55.8	51.6	47.5	43.3	41.2	51.9
100°	75.5	73.4	71.3	69.2	67.1	62.7	58.2	53.8	49.3	47.1	65.0
102.5°	81.0	78.1	75.2	72.3	69.4	117.0	164.6	212.2	259.8	283.6	283.9
105°	83.3	80.4	77.5	74.7	71.8	143.2	214.6	285.9	357.3	393.0	389.1
107.5°	85.7	82.8	79.9	77.0	74.1	162.2	250.3	338.4	426.5	470.6	467.3
110°	101.3	127.4	153.6	179.7	205.9	281.5	357.1	432.6	508.2	546.0	543.2

TEST NUMBER: P1029310

CATALOG NUMBER: S122DIW-B290D1240UB2750-4F0-XX-W2A-A_5000K

CANDELA DISTRIBUTION (continued):

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

TEST NUMBER: P1029310

CATALOG NUMBER: S122DIW-B290D1240UB2750-4F0-XX-W2A-A_5000K

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
0°	553.4	553.4	553.4	553.4
2.5°	543.2	543.2	549.6	556.4
5°	531.3	534.3	544.5	553.8
7.5°	519.8	524.9	537.7	549.6
10°	505.8	512.6	528.3	542.4
12.5°	492.2	498.5	516.8	532.6
15°	473.0	481.1	500.7	520.2
17.5°	453.9	462.0	485.8	508.7
20°	431.3	442.0	468.8	499.4
22.5°	410.5	423.7	453.5	478.1
25°	387.5	407.9	435.6	467.5
27.5°	367.1	387.5	415.6	447.9
30°	344.1	365.0	393.9	423.7
32.5°	322.0	341.2	369.2	405.8
35°	299.0	317.3	344.6	381.6
37.5°	278.2	296.1	325.8	359.9
40°	257.8	276.5	302.0	336.0
42.5°	238.6	255.2	278.2	312.2
45°	221.2	233.1	254.4	286.3
47.5°	202.9	213.5	233.1	265.0
50°	185.9	194.8	211.8	241.6
52.5°	169.3	177.0	192.7	216.5
55°	154.4	161.6	173.1	196.5
57.5°	139.1	144.6	155.7	174.4
60°	124.2	129.3	138.2	153.6
62.5°	109.3	113.6	122.1	134.4
65°	96.1	99.5	105.9	116.6
67.5°	83.4	85.5	90.6	99.1
70°	71.0	72.7	77.0	83.8
72.5°	57.9	59.6	64.2	68.9
75°	46.8	47.2	50.6	54.4
77.5°	36.6	36.2	38.7	41.7
80°	25.1	26.4	28.5	29.8
82.5°	17.0	17.4	18.3	19.1
85°	9.4	9.8	9.8	11.1
87.5°	3.8	4.3	4.3	4.7
90°	9.8	6.9	4.1	1.2
92.5°	26.3	27.3	28.4	29.4
95°	50.6	59.3	67.9	76.5
97.5°	73.4	94.8	116.3	137.7
100°	100.8	136.7	172.5	208.3
102.5°	284.4	284.9	285.4	285.9
105°	381.2	373.4	365.5	357.7
107.5°	460.8	454.3	447.7	441.2
110°	537.7	532.2	526.7	521.2

TEST NUMBER: P1029310

CATALOG NUMBER: S122DIW-B290D1240UB2750-4F0-XX-W2A-A_5000K

CANDELA DISTRIBUTION (continued):

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

(END OF REPORT)