

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: P1035246

Luminaire Tested: S125DIW-B375D1050UB35-4F0-XX-W2A-A1

Issue Date: 5/6/2025

**Test Information**

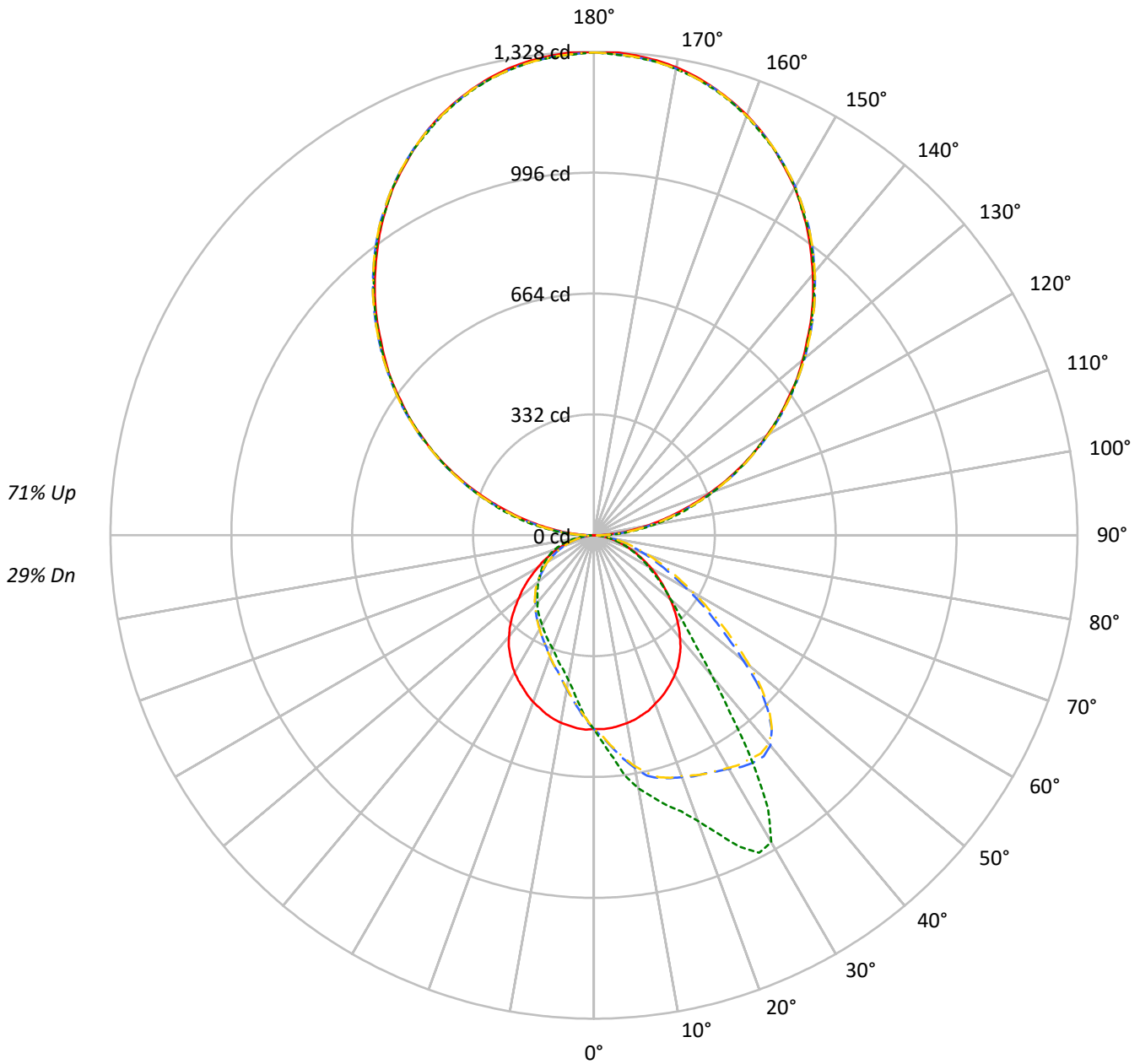
Test Method: LM-79-2019  
Report Number: P1035246  
REPORT IS A COMBINATION OF REPORTS P1003419 AND P1007351  
Test Lab: INNOVATION CENTER  
Issue Date: 5/6/2025  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: NEO-RAY  
Catalog Number: S125DIW-B375D1050UB35-4F0-XX-W2A-A1  
Description: Define 5 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: 5205.0 lumens  
Efficiency: N/A  
Efficacy: 117.0 lumens/watt  
Spacing Criteria (0/90/45): 1.23 / 1.43 / 1.52  
Luminous Opening: Rectangular w/ Sides (W: 0.42' x L: 4' x H: 0.1')  
CIE Type: Semi-Indirect  
  
Input Watts (W): 44.5  
Input Voltage (V):  
Input Current (A<sub>in</sub>): 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



— 0°-180°    - - 45°-225°    - - - 90°-270°    - - - 135°-315°



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**COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:**

RF	20				20				20				20				20	
RC	80				70				50				30				10	0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR																		
0	102	102	102	102	91	91	91	91	72	72	72	53	53	53	37	37	37	29
1	93	89	85	82	83	80	77	74	63	61	59	47	46	45	33	32	31	25
2	85	78	72	67	76	70	65	61	55	52	49	41	39	37	29	28	26	21
3	77	68	61	56	69	62	56	51	49	45	41	37	34	32	26	24	23	18
4	71	61	53	47	63	55	48	43	43	39	35	33	30	27	23	21	20	15
5	65	54	46	40	58	49	42	37	39	34	30	29	26	23	21	19	17	13
6	60	48	40	35	53	43	37	32	35	30	26	26	23	21	19	17	15	12
7	55	43	36	30	49	39	33	28	31	26	23	24	21	18	17	15	13	10
8	51	39	32	27	46	35	29	24	28	24	20	22	18	16	16	13	12	9
9	47	36	28	24	42	32	26	22	26	21	18	20	17	14	14	12	11	8
10	44	33	26	21	40	30	23	19	24	19	16	18	15	13	13	11	10	8

**AVERAGE LUMINANCE (cd/sqm):**

	0°	90°	180°	270°
0°	3410	3410	3410	3410
5°	3413	3869	3416	2935
10°	3392	4409	3386	2519
15°	3367	4781	3347	2277
20°	3325	5239	3294	2078
25°	3287	6003	3227	1961
30°	3233	6333	3177	1854
35°	3147	5077	3081	1769
40°	3013	3509	2969	1679
45°	2844	2613	2812	1603
50°	2650	2151	2607	1544
55°	2442	1834	2422	1491
60°	2237	1570	2197	1452
65°	2016	1356	1983	1392
70°	1783	1126	1758	1290
75°	1535	870	1515	1119
80°	1212	589	1167	823
85°	778	294	749	419

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 135°  
 Vertical Angle: 45°  
 Luminance: 5209 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	51.2	1.0
10°-20°	152.6	2.9
20°-30°	247.9	4.8
30°-40°	302.9	5.8
40°-50°	274.8	5.3
50°-60°	218.9	4.2
60°-70°	152.4	2.9
70°-80°	81.2	1.6
80°-90°	22.2	0.4
90°-100°	88.2	1.7
100°-110°	262.0	5.0
110°-120°	444.3	8.5
120°-130°	584.9	11.2
130°-140°	655.4	12.6
140°-150°	642.4	12.3
150°-160°	539.6	10.4
160°-170°	358.7	6.9
170°-180°	125.5	2.4
<b>0°-30°</b>	<b>451.7</b>	<b>8.7</b>
<b>0°-40°</b>	<b>754.6</b>	<b>14.5</b>
<b>0°-60°</b>	<b>1248.2</b>	<b>24.0</b>
<b>0°-90°</b>	<b>1504.1</b>	<b>28.9</b>
<b>90°-120°</b>	<b>794.4</b>	<b>15.3</b>
<b>90°-150°</b>	<b>2677.1</b>	<b>51.4</b>
<b>90°-180°</b>	<b>3701.0</b>	<b>71.1</b>
<b>0°-180°</b>	<b>5205.0</b>	<b>100.0</b>

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	532	532	532	532	532	
5°	532	614	532	466	532	50
15°	511	767	508	365	511	144
25°	470	944	462	308	470	217
35°	409	757	401	264	409	256
45°	322	357	318	219	322	248
55°	226	220	225	179	226	202
65°	140	135	138	139	140	139
75°	68	66	67	85	68	72
85°	14	15	13	21	14	16
90°	1	25	1	25	1	5
95°	67	89	67	89	67	70
105°	235	256	235	256	235	251
115°	445	449	445	449	445	440
125°	649	653	649	653	649	582
135°	844	847	844	847	844	651
145°	1023	1027	1023	1027	1023	639
155°	1170	1170	1170	1170	1170	539
165°	1272	1269	1272	1269	1272	359
175°	1323	1318	1323	1318	1323	126
180°	1326	1326	1326	1326	1326	



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**CANDELA DISTRIBUTION (FULL):**

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	532.3	532.3	532.3	532.3	532.3	532.3	532.3	532.3	532.3	532.3	532.3
2.5°	533.2	536.3	540.0	542.7	547.2	548.5	550.8	552.2	553.5	554.9	555.8
5°	531.8	539.5	546.3	551.3	559.8	563.0	567.1	572.0	577.9	582.9	586.0
7.5°	528.2	540.4	549.4	559.4	571.1	578.8	582.9	593.3	602.8	610.0	619.5
10°	523.7	538.1	552.2	567.1	583.8	592.4	600.5	615.0	628.1	639.8	649.3
12.5°	518.7	536.3	553.1	572.5	595.1	605.5	610.9	635.7	652.0	658.3	676.9
15°	511.0	531.8	555.8	579.7	598.7	610.9	625.8	645.7	662.0	676.0	690.9
17.5°	503.8	526.4	550.8	577.5	605.0	620.8	632.1	649.8	667.4	685.4	699.5
20°	492.1	521.4	546.3	574.7	607.3	618.6	630.3	651.1	670.1	689.5	707.1
22.5°	482.6	510.6	544.5	571.6	599.1	610.4	624.9	646.6	669.2	691.3	717.1
25°	470.4	501.5	530.9	559.8	588.3	600.5	613.6	641.6	665.1	693.6	722.0
27.5°	457.3	489.3	518.7	544.9	571.6	588.3	602.3	631.7	662.9	694.0	731.1
30°	443.3	473.5	501.5	527.3	556.7	573.8	587.9	622.2	657.0	696.7	741.0
32.5°	428.3	456.8	480.8	507.0	538.1	554.0	572.9	610.4	651.6	699.0	754.6
35°	409.4	436.5	457.7	484.4	515.6	535.9	555.8	597.8	645.7	698.6	762.3
37.5°	390.4	411.6	432.0	460.4	496.6	515.1	535.9	582.0	636.7	697.2	765.4
40°	367.8	388.6	406.2	435.1	473.1	494.3	516.0	564.4	626.3	692.2	754.1
42.5°	345.2	362.8	382.3	412.5	449.1	471.7	494.8	548.5	612.7	677.8	723.0
45°	321.7	335.3	356.5	384.1	422.9	444.6	470.8	529.1	593.7	651.6	674.2
47.5°	297.3	310.9	330.8	357.4	395.8	421.6	446.4	504.7	569.8	614.5	614.5
50°	273.8	284.7	304.1	330.8	369.6	393.1	418.4	480.3	532.7	565.7	536.3
52.5°	248.5	260.7	277.0	305.0	343.4	364.6	392.2	445.1	494.8	508.3	463.1
55°	226.4	236.3	251.7	278.3	314.0	336.2	359.7	410.3	452.3	451.4	403.0
57.5°	203.3	211.5	227.7	252.1	285.1	305.0	328.5	372.3	406.7	394.5	348.8
60°	182.1	188.0	203.8	223.7	255.3	273.8	296.4	332.1	358.3	341.1	295.1
62.5°	160.0	166.7	179.4	198.8	226.8	241.7	258.5	294.6	311.3	296.0	249.0
65°	140.1	145.5	156.8	173.1	198.4	211.9	226.4	256.2	272.0	249.9	211.0
67.5°	120.2	126.5	134.6	149.1	169.0	181.6	194.3	220.0	227.3	207.4	174.9
70°	101.7	107.1	114.8	125.2	141.9	153.2	162.7	183.9	188.9	170.3	144.6
72.5°	83.6	87.2	93.5	102.1	117.5	123.8	133.7	148.2	154.5	137.8	119.3
75°	67.8	70.5	74.6	80.9	91.3	98.1	106.2	119.7	119.3	107.5	94.4
77.5°	52.4	52.9	57.4	63.3	69.6	75.5	79.5	89.0	89.9	82.7	71.8
80°	37.5	38.9	40.7	45.2	50.6	52.9	57.8	63.7	64.6	59.2	52.0
82.5°	23.9	24.9	26.2	28.9	32.5	35.2	38.0	40.2	42.5	39.3	33.4
85°	13.6	14.0	15.4	16.3	18.1	19.4	21.7	23.9	23.5	21.2	19.4
87.5°	6.8	6.8	6.8	7.7	8.6	8.6	9.5	9.9	10.4	9.5	8.6
90°	1.0	2.8	4.7	6.5	8.4	9.3	10.1	11.7	13.3	14.9	16.5
92.5°	31.0	32.1	33.3	34.4	35.5	36.1	37.1	39.2	41.3	43.3	45.4
95°	67.1	67.5	68.0	68.4	68.9	69.1	70.3	72.6	74.9	77.2	79.5
97.5°	103.2	103.4	103.6	103.9	104.1	104.2	105.8	109.0	112.3	115.5	118.7
100°	144.5	144.5	144.5	144.5	144.5	144.5	146.0	149.0	151.9	154.9	157.9
102.5°	188.8	190.0	191.1	192.3	193.4	194.0	194.6	195.7	196.9	198.0	199.2
105°	235.3	236.4	237.6	238.7	239.8	240.4	241.1	242.5	243.8	245.2	246.6
107.5°	285.9	287.0	288.2	289.3	290.4	291.0	291.6	292.7	293.9	295.0	296.2
110°	338.5	339.6	340.8	341.9	343.0	343.6	343.9	344.6	345.3	346.0	346.7



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**CANDELA DISTRIBUTION (continued):**

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	392.1	392.6	393.0	393.5	394.0	394.2	394.7	395.6	396.5	397.4	398.3
115°	444.8	445.7	446.6	447.5	448.4	448.9	449.1	449.6	450.1	450.5	451.0
117.5°	498.4	498.6	498.9	499.1	499.4	499.5	499.7	500.2	500.6	501.1	501.5
120°	548.0	549.1	550.3	551.4	552.5	553.1	553.2	553.5	553.7	554.0	554.2
122.5°	601.6	601.8	602.1	602.3	602.6	602.7	603.0	603.7	604.4	605.1	605.8
125°	649.1	650.5	651.9	653.2	654.6	655.3	655.4	655.6	655.9	656.1	656.3
127.5°	701.7	702.4	703.1	703.8	704.5	704.8	704.9	705.2	705.4	705.7	705.9
130°	748.2	749.3	750.5	751.6	752.7	753.3	753.5	754.0	754.5	754.9	755.4
132.5°	794.6	796.7	798.7	800.8	802.9	803.9	803.8	803.6	803.3	803.1	802.9
135°	844.1	845.5	846.9	848.2	849.6	850.3	850.4	850.7	850.9	851.2	851.4
137.5°	890.6	892.0	893.4	894.7	896.1	896.8	897.0	897.5	897.9	898.4	898.8
140°	935.0	936.1	937.3	938.4	939.5	940.1	940.4	941.1	941.8	942.5	943.2
142.5°	979.3	980.2	981.2	982.1	983.0	983.5	984.0	984.9	985.8	986.7	987.6
145°	1022.7	1023.6	1024.5	1025.4	1026.3	1026.8	1027.1	1027.8	1028.5	1029.2	1029.9
147.5°	1062.9	1063.6	1064.3	1065.0	1065.7	1066.0	1066.2	1066.7	1067.2	1067.6	1068.1
150°	1103.2	1103.0	1102.7	1102.5	1102.2	1102.1	1102.6	1103.5	1104.4	1105.4	1106.3
152.5°	1136.2	1136.6	1137.1	1137.5	1138.0	1138.2	1138.3	1138.6	1138.8	1139.1	1139.3
155°	1170.2	1170.2	1170.2	1170.2	1170.2	1170.2	1170.3	1170.6	1170.8	1171.1	1171.3
157.5°	1201.2	1200.7	1200.3	1199.8	1199.3	1199.1	1199.2	1199.5	1199.7	1200.0	1200.2
160°	1228.0	1227.3	1226.6	1225.9	1225.2	1224.9	1225.0	1225.3	1225.5	1225.8	1226.0
162.5°	1251.8	1251.3	1250.9	1250.4	1249.9	1249.7	1249.7	1249.7	1249.7	1249.7	1249.7
165°	1272.4	1271.9	1271.5	1271.0	1270.5	1270.3	1270.4	1270.7	1270.9	1271.2	1271.4
167.5°	1291.0	1290.1	1289.1	1288.2	1287.3	1286.8	1286.8	1286.8	1286.8	1286.8	1286.8
170°	1305.4	1304.5	1303.6	1302.7	1301.8	1301.3	1301.3	1301.3	1301.3	1301.3	1301.3
172.5°	1315.7	1314.8	1313.9	1313.0	1312.1	1311.6	1311.6	1311.6	1311.6	1311.6	1311.6
175°	1323.0	1322.1	1321.1	1320.2	1319.3	1318.8	1318.8	1318.8	1318.8	1318.8	1318.8
177.5°	1328.1	1327.2	1326.3	1325.4	1324.5	1324.0	1323.9	1323.7	1323.4	1323.2	1323.0
180°	1326.1	1326.1	1326.1	1326.1	1326.1	1326.1	1326.1	1326.1	1326.1	1326.1	1326.1



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**CANDELA DISTRIBUTION (continued):**

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	532.3	532.3	532.3	532.3	532.3	532.3	532.3	532.3	532.3	532.3	532.3
2.5°	556.7	559.8	562.5	564.8	566.6	569.3	567.5	568.0	568.9	570.7	570.7
5°	592.8	597.8	600.5	609.5	611.8	611.3	610.0	617.2	616.8	614.1	613.6
7.5°	628.1	636.7	644.3	651.6	653.8	659.7	661.0	664.2	663.3	667.8	665.6
10°	660.1	673.7	680.9	691.8	694.5	697.2	700.8	702.6	706.7	706.2	706.2
12.5°	685.0	701.3	710.8	713.5	723.9	727.0	730.2	736.1	734.7	735.2	737.9
15°	704.4	720.2	728.4	741.0	748.3	751.9	757.3	763.6	762.7	766.8	765.9
17.5°	718.9	733.8	748.7	767.7	768.1	777.6	790.3	793.0	798.9	794.8	794.8
20°	730.6	750.5	771.8	796.2	798.9	804.7	820.1	830.5	837.3	835.0	836.4
22.5°	743.3	771.8	796.6	821.0	834.1	844.5	859.4	875.7	881.6	885.2	884.3
25°	759.6	789.4	826.0	859.9	873.4	893.3	913.2	929.0	933.5	943.5	934.4
27.5°	776.3	818.3	863.9	903.7	920.9	937.1	961.1	972.8	978.7	983.2	980.1
30°	790.3	848.1	897.8	934.4	946.6	956.1	969.7	972.4	970.1	973.7	978.2
32.5°	812.0	868.4	910.5	928.1	926.7	926.3	915.9	901.4	898.3	889.7	901.4
35°	823.7	868.9	885.2	861.7	852.2	835.0	802.0	780.3	761.4	757.3	758.2
37.5°	816.9	834.6	815.1	753.2	737.9	711.7	667.8	637.1	623.1	612.3	626.3
40°	780.3	760.9	707.6	632.1	610.0	585.1	544.0	527.3	507.4	503.4	521.9
42.5°	719.8	660.6	585.1	526.9	503.8	489.8	455.5	439.6	425.6	419.3	429.7
45°	637.6	565.7	489.8	441.9	422.5	405.8	385.4	368.7	359.7	357.0	365.5
47.5°	552.6	476.7	416.1	380.5	360.1	347.5	328.5	319.0	311.8	312.7	314.0
50°	471.3	402.1	355.6	319.9	310.0	300.0	287.4	279.2	275.6	277.0	276.1
52.5°	401.2	345.2	305.9	278.3	273.8	264.3	253.9	247.2	245.8	246.3	247.6
55°	339.8	296.0	264.8	244.9	239.9	233.2	226.8	222.3	218.7	220.0	219.6
57.5°	293.2	254.8	230.9	214.6	211.0	206.9	201.1	198.8	197.5	194.7	197.0
60°	252.1	221.0	200.2	190.2	187.1	184.4	178.0	175.3	174.4	173.1	176.7
62.5°	213.3	191.1	175.3	166.3	163.1	160.4	157.2	155.0	155.4	153.6	155.4
65°	182.5	164.5	153.2	145.0	141.0	139.2	138.7	135.1	134.6	135.1	135.6
67.5°	154.1	138.7	130.1	125.2	122.0	120.2	118.8	116.6	118.4	117.0	117.9
70°	128.3	117.9	108.9	103.9	102.6	103.0	100.8	99.9	100.3	99.4	100.3
72.5°	103.5	94.9	91.3	87.7	85.9	85.4	84.0	82.7	84.0	83.6	83.6
75°	82.7	76.4	72.3	70.0	70.0	69.1	66.9	66.9	66.9	66.4	66.9
77.5°	63.7	58.3	56.5	54.2	54.2	52.9	52.4	52.4	51.5	52.9	52.0
80°	47.4	43.4	40.7	39.3	39.3	38.9	38.0	37.5	38.0	37.5	37.5
82.5°	30.7	28.9	27.6	26.2	25.8	26.2	25.8	24.9	25.3	24.9	25.8
85°	17.6	15.8	15.8	14.9	15.4	14.5	14.9	14.0	13.6	14.9	14.0
87.5°	7.7	7.2	7.2	6.3	6.3	6.3	5.9	6.3	5.9	5.4	5.9
90°	17.7	18.8	20.0	21.1	21.7	22.0	22.7	23.4	24.1	24.8	24.1
92.5°	47.0	48.6	50.2	51.8	52.6	52.8	53.3	53.8	54.2	54.7	54.2
95°	81.1	82.7	84.3	85.9	86.7	86.9	87.4	87.8	88.3	88.7	88.3
97.5°	120.1	121.5	122.8	124.2	124.9	125.0	125.2	125.5	125.7	125.9	125.7
100°	160.0	162.0	164.1	166.2	167.2	167.4	167.9	168.3	168.8	169.2	168.8
102.5°	201.5	203.8	206.1	208.4	209.5	209.8	210.5	211.2	211.9	212.6	211.9
105°	248.0	249.4	250.7	252.1	252.8	253.1	253.8	254.5	255.2	255.9	255.2
107.5°	296.9	297.6	298.3	299.0	299.3	299.3	299.3	299.3	299.3	299.3	299.3
110°	347.4	348.1	348.8	349.5	349.8	349.7	349.5	349.2	349.0	348.8	349.0





TEST NUMBER: P1035246  
 CATALOG NUMBER: S125DIW-B375D1050UB35-4F0-XX-W2A-A1

**CANDELA DISTRIBUTION (continued):**

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	398.5	398.8	399.0	399.3	399.4	399.2	398.7	398.2	397.8	397.3	397.8
115°	450.8	450.5	450.3	450.0	449.9	449.8	449.6	449.3	449.1	448.9	449.1
117.5°	501.7	502.0	502.2	502.5	502.6	502.1	501.2	500.3	499.3	498.4	499.3
120°	554.2	554.2	554.2	554.2	554.2	553.7	552.8	551.9	550.9	550.0	550.9
122.5°	605.6	605.3	605.1	604.8	604.7	604.4	603.7	603.0	602.3	601.6	602.3
125°	655.9	655.4	655.0	654.5	654.3	654.2	653.9	653.7	653.4	653.2	653.4
127.5°	705.7	705.4	705.2	704.9	704.8	704.6	704.1	703.7	703.2	702.8	703.2
130°	755.2	755.0	754.7	754.5	754.4	754.2	753.7	753.2	752.8	752.3	752.8
132.5°	802.7	802.4	802.2	801.9	801.8	801.5	800.8	800.1	799.4	798.7	799.4
135°	851.4	851.4	851.4	851.4	851.4	850.9	850.0	849.1	848.1	847.2	848.1
137.5°	899.0	899.3	899.5	899.8	899.9	899.3	898.2	897.0	895.9	894.7	895.9
140°	943.7	944.1	944.6	945.1	945.3	944.7	943.6	942.4	941.3	940.1	941.3
142.5°	987.8	988.0	988.3	988.5	988.6	988.0	986.9	985.8	984.6	983.5	984.6
145°	1029.9	1029.9	1029.9	1029.9	1029.9	1029.6	1028.9	1028.2	1027.5	1026.8	1027.5
147.5°	1068.8	1069.5	1070.2	1070.9	1071.2	1070.3	1068.4	1066.6	1064.7	1062.9	1064.7
150°	1106.3	1106.3	1106.3	1106.3	1106.3	1106.1	1105.6	1105.1	1104.7	1104.2	1104.7
152.5°	1140.0	1140.7	1141.4	1142.1	1142.4	1141.9	1141.0	1140.1	1139.1	1138.2	1139.1
155°	1172.2	1173.1	1174.0	1174.9	1175.4	1174.8	1173.7	1172.5	1171.4	1170.2	1171.4
157.5°	1201.1	1202.0	1202.9	1203.8	1204.3	1203.5	1201.9	1200.3	1198.7	1197.1	1198.7
160°	1226.9	1227.8	1228.7	1229.6	1230.1	1229.5	1228.4	1227.2	1226.1	1224.9	1226.1
162.5°	1250.9	1252.0	1253.2	1254.3	1254.9	1254.2	1252.8	1251.5	1250.1	1248.7	1250.1
165°	1272.3	1273.2	1274.1	1275.0	1275.5	1274.8	1273.4	1272.1	1270.7	1269.3	1270.7
167.5°	1288.2	1289.6	1290.9	1292.3	1293.0	1292.3	1290.9	1289.6	1288.2	1286.8	1288.2
170°	1302.7	1304.1	1305.4	1306.8	1307.5	1306.7	1305.1	1303.5	1301.9	1300.3	1301.9
172.5°	1313.0	1314.4	1315.7	1317.1	1317.8	1317.1	1315.7	1314.4	1313.0	1311.6	1313.0
175°	1320.2	1321.6	1322.9	1324.3	1325.0	1324.2	1322.6	1321.0	1319.4	1317.8	1319.4
177.5°	1324.4	1325.8	1327.1	1328.5	1329.2	1328.4	1326.8	1325.1	1323.5	1321.9	1323.5
180°	1326.1	1326.1	1326.1	1326.1	1326.1	1326.1	1326.1	1326.1	1326.1	1326.1	1326.1



TEST NUMBER: P1035246  
 CATALOG NUMBER: S125DIW-B375D1050UB35-4F0-XX-W2A-A1

**CANDELA DISTRIBUTION (continued):**

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	532.3	532.3	532.3	532.3	532.3	532.3	532.3	532.3	532.3	532.3	532.3
2.5°	569.8	566.6	567.5	566.6	564.4	563.0	559.4	554.9	553.1	550.8	549.4
5°	615.4	613.2	612.7	609.1	608.2	602.8	593.7	589.2	583.8	578.4	572.9
7.5°	665.1	662.4	653.4	652.0	652.9	646.1	634.4	625.4	614.1	606.4	596.0
10°	706.2	700.8	693.1	693.6	690.4	681.4	669.6	660.1	643.9	633.9	619.0
12.5°	731.1	726.6	725.7	721.1	718.4	706.7	692.7	680.5	668.3	654.7	643.4
15°	761.4	755.5	751.4	745.1	743.3	731.1	715.7	701.7	687.7	675.1	651.1
17.5°	794.8	788.5	773.1	771.8	760.9	749.2	734.2	713.5	698.6	680.5	662.9
20°	832.8	823.7	803.8	798.9	790.3	770.8	750.5	727.5	703.5	685.0	664.2
22.5°	875.2	859.4	845.0	829.1	822.8	798.9	770.8	742.8	713.9	688.6	663.8
25°	930.3	909.6	889.2	873.4	862.6	831.4	793.9	756.8	723.4	690.4	657.9
27.5°	973.7	955.7	933.5	912.7	898.7	861.7	818.7	770.8	729.3	689.1	654.3
30°	976.9	971.5	957.9	946.6	931.3	891.5	844.0	789.8	738.3	689.5	647.0
32.5°	917.7	928.5	934.4	936.2	933.1	910.0	866.6	807.0	746.4	685.4	640.7
35°	790.3	819.2	854.9	868.4	881.6	893.8	871.2	819.2	749.2	684.5	630.8
37.5°	650.7	676.9	736.1	763.2	778.5	826.9	845.4	817.4	754.6	685.4	621.3
40°	525.0	566.6	609.1	645.7	669.6	723.9	781.2	787.6	746.9	676.9	609.1
42.5°	441.9	466.3	498.4	532.3	553.5	617.7	695.4	741.0	723.0	662.9	594.2
45°	376.4	394.5	424.7	436.0	463.1	524.6	606.8	672.8	681.8	640.7	577.0
47.5°	323.1	338.4	357.9	371.9	393.6	439.6	509.2	582.0	625.4	610.4	553.1
50°	284.7	297.3	313.6	321.7	335.7	377.3	429.7	502.0	560.3	565.3	521.9
52.5°	252.6	259.8	272.5	281.5	292.8	318.1	365.5	425.2	490.7	517.8	483.5
55°	224.6	230.4	241.7	247.6	253.5	275.2	312.2	366.4	427.9	463.6	444.2
57.5°	199.3	204.2	213.7	219.1	222.3	243.1	271.6	314.0	369.2	412.5	401.7
60°	178.5	183.0	188.4	192.5	196.1	213.3	233.2	267.5	316.7	358.8	356.1
62.5°	156.3	160.4	166.3	170.3	173.5	184.4	201.1	227.3	269.3	308.2	315.8
65°	136.9	140.1	144.1	145.9	150.0	158.1	171.7	195.2	229.5	264.3	269.8
67.5°	119.3	120.2	122.9	127.0	127.9	135.1	147.3	164.9	191.6	220.0	228.6
70°	100.3	101.7	103.9	107.1	108.9	113.4	123.8	135.6	158.6	183.4	189.8
72.5°	83.6	85.4	86.3	88.1	89.0	96.2	100.8	112.5	128.3	149.1	155.9
75°	67.8	69.6	70.0	70.9	71.8	75.0	81.3	88.6	101.7	115.2	124.3
77.5°	53.8	53.3	54.2	55.6	55.1	57.8	61.9	68.2	76.8	88.1	94.0
80°	38.0	38.0	39.3	40.7	40.2	42.9	44.3	48.8	56.0	63.3	65.5
82.5°	25.3	25.3	26.7	26.7	27.6	28.0	29.8	32.1	38.0	41.6	42.9
85°	14.5	14.5	14.9	14.9	14.9	15.8	17.2	18.1	19.9	22.1	23.0
87.5°	5.9	6.3	6.3	6.3	6.3	7.2	7.2	8.1	8.6	9.5	9.5
90°	23.4	22.7	22.0	21.7	21.1	20.0	18.8	17.7	16.5	14.9	13.3
92.5°	53.8	53.3	52.8	52.6	51.8	50.2	48.6	47.0	45.4	43.3	41.3
95°	87.8	87.4	86.9	86.7	85.9	84.3	82.7	81.1	79.5	77.2	74.9
97.5°	125.5	125.2	125.0	124.9	124.2	122.8	121.5	120.1	118.7	115.5	112.3
100°	168.3	167.9	167.4	167.2	166.2	164.1	162.0	160.0	157.9	154.9	151.9
102.5°	211.2	210.5	209.8	209.5	208.4	206.1	203.8	201.5	199.2	198.0	196.9
105°	254.5	253.8	253.1	252.8	252.1	250.7	249.4	248.0	246.6	245.2	243.8
107.5°	299.3	299.3	299.3	299.3	299.0	298.3	297.6	296.9	296.2	295.0	293.9
110°	349.2	349.5	349.7	349.8	349.5	348.8	348.1	347.4	346.7	346.0	345.3



TEST NUMBER: P1035246

CATALOG NUMBER: S125DIW-B375D1050UB35-4F0-XX-W2A-A1

**CANDELA DISTRIBUTION (continued):**

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	398.2	398.7	399.2	399.4	399.3	399.0	398.8	398.5	398.3	397.4	396.5
115°	449.3	449.6	449.8	449.9	450.0	450.3	450.5	450.8	451.0	450.5	450.1
117.5°	500.3	501.2	502.1	502.6	502.5	502.2	502.0	501.7	501.5	501.1	500.6
120°	551.9	552.8	553.7	554.2	554.2	554.2	554.2	554.2	554.2	554.0	553.7
122.5°	603.0	603.7	604.4	604.7	604.8	605.1	605.3	605.6	605.8	605.1	604.4
125°	653.7	653.9	654.2	654.3	654.5	655.0	655.4	655.9	656.3	656.1	655.9
127.5°	703.7	704.1	704.6	704.8	704.9	705.2	705.4	705.7	705.9	705.7	705.4
130°	753.2	753.7	754.2	754.4	754.5	754.7	755.0	755.2	755.4	754.9	754.5
132.5°	800.1	800.8	801.5	801.8	801.9	802.2	802.4	802.7	802.9	803.1	803.3
135°	849.1	850.0	850.9	851.4	851.4	851.4	851.4	851.4	851.4	851.2	850.9
137.5°	897.0	898.2	899.3	899.9	899.8	899.5	899.3	899.0	898.8	898.4	897.9
140°	942.4	943.6	944.7	945.3	945.1	944.6	944.1	943.7	943.2	942.5	941.8
142.5°	985.8	986.9	988.0	988.6	988.5	988.3	988.0	987.8	987.6	986.7	985.8
145°	1028.2	1028.9	1029.6	1029.9	1029.9	1029.9	1029.9	1029.9	1029.9	1029.2	1028.5
147.5°	1066.6	1068.4	1070.3	1071.2	1070.9	1070.2	1069.5	1068.8	1068.1	1067.6	1067.2
150°	1105.1	1105.6	1106.1	1106.3	1106.3	1106.3	1106.3	1106.3	1106.3	1105.4	1104.4
152.5°	1140.1	1141.0	1141.9	1142.4	1142.1	1141.4	1140.7	1140.0	1139.3	1139.1	1138.8
155°	1172.5	1173.7	1174.8	1175.4	1174.9	1174.0	1173.1	1172.2	1171.3	1171.1	1170.8
157.5°	1200.3	1201.9	1203.5	1204.3	1203.8	1202.9	1202.0	1201.1	1200.2	1200.0	1199.7
160°	1227.2	1228.4	1229.5	1230.1	1229.6	1228.7	1227.8	1226.9	1226.0	1225.8	1225.5
162.5°	1251.5	1252.8	1254.2	1254.9	1254.3	1253.2	1252.0	1250.9	1249.7	1249.7	1249.7
165°	1272.1	1273.4	1274.8	1275.5	1275.0	1274.1	1273.2	1272.3	1271.4	1271.2	1270.9
167.5°	1289.6	1290.9	1292.3	1293.0	1292.3	1290.9	1289.6	1288.2	1286.8	1286.8	1286.8
170°	1303.5	1305.1	1306.7	1307.5	1306.8	1305.4	1304.1	1302.7	1301.3	1301.3	1301.3
172.5°	1314.4	1315.7	1317.1	1317.8	1317.1	1315.7	1314.4	1313.0	1311.6	1311.6	1311.6
175°	1321.0	1322.6	1324.2	1325.0	1324.3	1322.9	1321.6	1320.2	1318.8	1318.8	1318.8
177.5°	1325.1	1326.8	1328.4	1329.2	1328.5	1327.1	1325.8	1324.4	1323.0	1323.2	1323.4
180°	1326.1	1326.1	1326.1	1326.1	1326.1	1326.1	1326.1	1326.1	1326.1	1326.1	1326.1



TEST NUMBER: P1035246

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**CANDELA DISTRIBUTION (continued):**

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
0°	532.3	532.3	532.3	532.3	532.3	532.3	532.3	532.3	532.3	532.3	532.3
2.5°	547.6	545.4	542.7	542.7	539.5	538.1	535.4	534.5	532.3	528.7	525.9
5°	567.1	561.2	557.6	554.4	547.6	542.7	537.7	532.3	526.9	520.5	513.3
7.5°	586.0	575.2	570.2	564.8	554.9	544.5	534.5	527.3	520.1	510.1	501.1
10°	605.9	592.4	583.3	576.1	560.7	547.6	533.2	522.8	511.5	498.8	487.1
12.5°	622.6	605.0	597.3	583.8	566.2	550.3	532.3	516.5	501.5	486.6	472.2
15°	636.7	619.9	601.0	595.5	571.1	548.5	528.2	507.9	489.3	474.4	457.7
17.5°	641.2	619.9	610.4	597.3	568.4	544.9	519.2	497.0	479.4	457.3	444.2
20°	642.5	622.2	609.1	596.9	571.1	540.0	514.7	487.5	466.3	444.2	423.4
22.5°	638.9	615.0	602.3	590.6	561.6	535.0	505.6	475.8	450.9	430.6	409.8
25°	632.1	604.1	591.9	579.3	551.7	522.3	490.3	461.8	438.7	414.3	394.0
27.5°	623.1	591.0	577.0	563.9	536.8	509.2	479.0	449.6	423.8	398.1	379.1
30°	611.8	574.7	562.1	544.9	518.7	492.5	464.9	435.6	406.7	382.3	361.5
32.5°	597.3	558.5	541.8	525.5	497.0	473.1	446.9	419.3	391.3	367.4	345.7
35°	584.2	540.0	521.4	505.2	473.5	448.2	426.5	400.8	375.9	351.1	331.7
37.5°	566.6	521.4	499.3	482.6	450.5	424.7	404.4	384.5	358.3	334.4	316.3
40°	548.1	498.4	477.6	460.9	427.4	399.4	380.0	362.4	341.1	319.0	300.0
42.5°	531.4	476.2	454.1	433.8	399.9	375.0	355.2	341.6	322.2	302.3	285.1
45°	510.1	452.7	428.8	407.6	375.0	347.9	328.9	318.1	303.6	284.2	269.3
47.5°	488.4	427.4	402.6	381.8	346.6	322.6	304.1	293.7	283.8	268.4	253.5
50°	460.0	400.8	378.2	354.2	319.5	295.1	279.7	269.3	261.6	250.8	238.1
52.5°	428.8	373.2	348.8	328.0	293.7	271.6	253.9	248.1	240.4	232.2	221.4
55°	395.8	343.4	319.9	299.6	267.9	245.4	230.9	224.6	218.7	212.4	205.1
57.5°	362.8	312.2	290.1	272.0	242.6	221.0	209.2	200.6	196.6	192.9	187.1
60°	321.7	278.8	261.6	245.4	216.4	196.6	185.3	178.9	175.3	173.5	170.8
62.5°	285.6	250.3	231.3	215.5	192.5	174.9	164.0	159.0	155.9	155.0	151.8
65°	247.2	216.9	202.0	188.4	168.5	152.7	143.7	137.8	135.6	135.1	135.1
67.5°	211.0	186.6	171.7	162.2	145.0	131.0	122.5	120.2	118.8	117.0	116.6
70°	177.1	157.7	144.6	136.5	121.1	110.7	103.9	100.3	100.3	99.0	98.1
72.5°	147.3	127.9	119.3	112.5	99.9	90.8	85.9	84.9	81.8	81.3	81.3
75°	115.2	100.8	94.9	89.0	79.5	73.2	69.1	66.9	65.1	65.1	65.5
77.5°	86.8	76.8	71.4	66.9	60.1	56.0	52.9	52.0	50.2	50.2	50.2
80°	61.5	56.0	52.0	48.3	43.4	39.8	38.0	36.1	36.1	35.7	36.1
82.5°	39.8	35.2	33.0	32.5	28.0	26.7	24.4	24.9	23.5	23.0	23.9
85°	23.0	20.8	18.1	17.2	15.4	13.6	12.7	13.1	12.7	12.2	12.7
87.5°	9.0	7.7	7.2	7.2	5.9	5.4	5.0	5.4	4.5	4.5	5.0
90°	11.7	10.1	9.3	8.4	6.5	4.7	2.8	1.0	2.8	4.7	6.5
92.5°	39.2	37.1	36.1	35.5	34.4	33.3	32.1	31.0	32.1	33.3	34.4
95°	72.6	70.3	69.1	68.9	68.4	68.0	67.5	67.1	67.5	68.0	68.4
97.5°	109.0	105.8	104.2	104.1	103.9	103.6	103.4	103.2	103.4	103.6	103.9
100°	149.0	146.0	144.5	144.5	144.5	144.5	144.5	144.5	144.5	144.5	144.5
102.5°	195.7	194.6	194.0	193.4	192.3	191.1	190.0	188.8	190.0	191.1	192.3
105°	242.5	241.1	240.4	239.8	238.7	237.6	236.4	235.3	236.4	237.6	238.7
107.5°	292.7	291.6	291.0	290.4	289.3	288.2	287.0	285.9	287.0	288.2	289.3
110°	344.6	343.9	343.6	343.0	341.9	340.8	339.6	338.5	339.6	340.8	341.9



TEST NUMBER: P1035246

CATALOG NUMBER: S125DIW-B375D1050UB35-4F0-XX-W2A-A1

**CANDELA DISTRIBUTION (continued):**

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
112.5°	395.6	394.7	394.2	394.0	393.5	393.0	392.6	392.1	392.6	393.0	393.5
115°	449.6	449.1	448.9	448.4	447.5	446.6	445.7	444.8	445.7	446.6	447.5
117.5°	500.2	499.7	499.5	499.4	499.1	498.9	498.6	498.4	498.6	498.9	499.1
120°	553.5	553.2	553.1	552.5	551.4	550.3	549.1	548.0	549.1	550.3	551.4
122.5°	603.7	603.0	602.7	602.6	602.3	602.1	601.8	601.6	601.8	602.1	602.3
125°	655.6	655.4	655.3	654.6	653.2	651.9	650.5	649.1	650.5	651.9	653.2
127.5°	705.2	704.9	704.8	704.5	703.8	703.1	702.4	701.7	702.4	703.1	703.8
130°	754.0	753.5	753.3	752.7	751.6	750.5	749.3	748.2	749.3	750.5	751.6
132.5°	803.6	803.8	803.9	802.9	800.8	798.7	796.7	794.6	796.7	798.7	800.8
135°	850.7	850.4	850.3	849.6	848.2	846.9	845.5	844.1	845.5	846.9	848.2
137.5°	897.5	897.0	896.8	896.1	894.7	893.4	892.0	890.6	892.0	893.4	894.7
140°	941.1	940.4	940.1	939.5	938.4	937.3	936.1	935.0	936.1	937.3	938.4
142.5°	984.9	984.0	983.5	983.0	982.1	981.2	980.2	979.3	980.2	981.2	982.1
145°	1027.8	1027.1	1026.8	1026.3	1025.4	1024.5	1023.6	1022.7	1023.6	1024.5	1025.4
147.5°	1066.7	1066.2	1066.0	1065.7	1065.0	1064.3	1063.6	1062.9	1063.6	1064.3	1065.0
150°	1103.5	1102.6	1102.1	1102.2	1102.5	1102.7	1103.0	1103.2	1103.0	1102.7	1102.5
152.5°	1138.6	1138.3	1138.2	1138.0	1137.5	1137.1	1136.6	1136.2	1136.6	1137.1	1137.5
155°	1170.6	1170.3	1170.2	1170.2	1170.2	1170.2	1170.2	1170.2	1170.2	1170.2	1170.2
157.5°	1199.5	1199.2	1199.1	1199.3	1199.8	1200.3	1200.7	1201.2	1200.7	1200.3	1199.8
160°	1225.3	1225.0	1224.9	1225.2	1225.9	1226.6	1227.3	1228.0	1227.3	1226.6	1225.9
162.5°	1249.7	1249.7	1249.7	1249.9	1250.4	1250.9	1251.3	1251.8	1251.3	1250.9	1250.4
165°	1270.7	1270.4	1270.3	1270.5	1271.0	1271.5	1271.9	1272.4	1271.9	1271.5	1271.0
167.5°	1286.8	1286.8	1286.8	1287.3	1288.2	1289.1	1290.1	1291.0	1290.1	1289.1	1288.2
170°	1301.3	1301.3	1301.3	1301.8	1302.7	1303.6	1304.5	1305.4	1304.5	1303.6	1302.7
172.5°	1311.6	1311.6	1311.6	1312.1	1313.0	1313.9	1314.8	1315.7	1314.8	1313.9	1313.0
175°	1318.8	1318.8	1318.8	1319.3	1320.2	1321.1	1322.1	1323.0	1322.1	1321.1	1320.2
177.5°	1323.7	1323.9	1324.0	1324.5	1325.4	1326.3	1327.2	1328.1	1327.2	1326.3	1325.4
180°	1326.1	1326.1	1326.1	1326.1	1326.1	1326.1	1326.1	1326.1	1326.1	1326.1	1326.1



TEST NUMBER: P1035246

CATALOG NUMBER: S125DIW-B375D1050UB35-4F0-XX-W2A-A1

**CANDELA DISTRIBUTION (continued):**

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
0°	532.3	532.3	532.3	532.3	532.3	532.3	532.3	532.3	532.3	532.3	532.3
2.5°	525.0	524.1	521.9	520.5	516.0	510.6	508.8	504.3	506.1	502.9	502.9
5°	511.0	507.0	504.3	500.2	491.6	485.7	479.4	476.2	474.4	472.2	470.4
7.5°	493.0	489.8	487.1	479.4	469.9	461.8	454.1	450.9	445.1	441.0	439.2
10°	477.1	472.6	466.3	457.3	447.3	436.9	430.2	423.4	418.9	416.6	411.6
12.5°	460.9	455.5	448.7	435.6	424.7	418.4	406.2	399.9	397.6	395.8	389.9
15°	444.2	438.3	430.2	418.0	408.5	393.6	386.3	381.4	375.9	375.5	371.0
17.5°	429.3	422.0	415.2	400.3	388.6	375.5	371.4	366.0	361.0	355.6	353.3
20°	410.3	403.5	398.5	382.3	369.2	361.0	354.2	349.7	346.6	341.1	340.2
22.5°	393.1	385.9	379.1	366.9	355.6	345.2	337.1	332.1	330.8	328.5	324.4
25°	376.4	369.2	361.0	349.7	338.0	330.8	323.5	320.4	317.6	314.0	310.9
27.5°	362.4	355.6	347.9	333.9	324.0	318.6	310.9	307.3	303.6	301.8	300.5
30°	345.7	338.0	332.1	321.3	310.4	303.2	297.8	294.6	291.4	289.6	288.7
32.5°	329.4	322.2	318.1	306.4	297.8	289.2	285.1	282.9	281.0	279.2	277.4
35°	316.3	309.1	302.7	291.9	283.3	277.4	274.3	270.7	269.3	267.5	267.5
37.5°	300.0	294.6	288.3	277.9	270.2	265.7	263.0	258.5	258.0	257.1	255.7
40°	286.0	280.6	274.7	265.7	258.9	253.5	249.9	247.6	246.3	245.4	244.4
42.5°	271.1	265.2	262.5	252.1	246.3	240.8	239.0	236.8	236.3	234.5	232.2
45°	256.6	251.7	246.3	238.6	233.6	229.1	226.4	224.6	222.3	221.9	220.5
47.5°	244.0	238.1	233.2	225.9	220.5	216.9	214.6	212.4	210.6	209.2	207.8
50°	227.7	223.2	219.1	211.5	206.9	203.3	200.2	198.4	196.6	196.6	196.6
52.5°	211.9	207.8	204.2	198.8	193.4	190.2	186.6	185.3	184.4	183.0	184.4
55°	196.6	192.5	188.9	184.8	178.5	175.8	172.2	170.8	171.2	171.2	172.6
57.5°	180.3	177.1	174.9	169.9	164.0	161.3	159.0	157.7	157.7	159.5	160.0
60°	164.5	161.3	157.2	152.7	149.1	145.9	144.6	145.0	145.0	145.9	148.2
62.5°	146.8	145.0	142.8	136.5	134.2	131.9	130.1	131.5	131.0	133.3	136.5
65°	130.6	128.8	125.6	122.5	119.7	117.5	117.0	117.5	118.4	120.6	124.3
67.5°	112.5	112.5	109.8	107.1	104.8	102.6	103.0	103.5	104.4	107.1	112.5
70°	97.6	95.8	93.1	91.3	89.5	88.6	87.7	89.5	92.2	94.0	98.1
72.5°	81.3	80.0	77.7	75.9	75.5	74.6	74.1	75.0	77.7	80.9	85.4
75°	64.2	64.6	63.3	61.9	61.9	60.5	61.5	61.5	64.2	67.3	70.9
77.5°	49.7	49.3	48.8	47.9	47.4	47.4	47.4	48.3	51.1	52.9	56.5
80°	35.2	35.7	34.3	34.8	34.3	34.8	34.8	36.6	38.0	40.2	42.9
82.5°	23.5	23.5	22.6	23.0	23.0	23.0	23.5	24.4	26.2	28.0	29.8
85°	13.1	13.6	12.7	13.6	13.6	13.6	14.0	14.5	15.8	16.3	18.1
87.5°	5.0	5.9	5.9	5.0	5.4	5.9	6.3	5.9	6.8	7.7	8.1
90°	8.4	9.3	10.1	11.7	13.3	14.9	16.5	17.7	18.8	20.0	21.1
92.5°	35.5	36.1	37.1	39.2	41.3	43.3	45.4	47.0	48.6	50.2	51.8
95°	68.9	69.1	70.3	72.6	74.9	77.2	79.5	81.1	82.7	84.3	85.9
97.5°	104.1	104.2	105.8	109.0	112.3	115.5	118.7	120.1	121.5	122.8	124.2
100°	144.5	144.5	146.0	149.0	151.9	154.9	157.9	160.0	162.0	164.1	166.2
102.5°	193.4	194.0	194.6	195.7	196.9	198.0	199.2	201.5	203.8	206.1	208.4
105°	239.8	240.4	241.1	242.5	243.8	245.2	246.6	248.0	249.4	250.7	252.1
107.5°	290.4	291.0	291.6	292.7	293.9	295.0	296.2	296.9	297.6	298.3	299.0
110°	343.0	343.6	343.9	344.6	345.3	346.0	346.7	347.4	348.1	348.8	349.5



TEST NUMBER: P1035246

CATALOG NUMBER: S125DIW-B375D1050UB35-4F0-XX-W2A-A1

**CANDELA DISTRIBUTION (continued):**

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
112.5°	394.0	394.2	394.7	395.6	396.5	397.4	398.3	398.5	398.8	399.0	399.3
115°	448.4	448.9	449.1	449.6	450.1	450.5	451.0	450.8	450.5	450.3	450.0
117.5°	499.4	499.5	499.7	500.2	500.6	501.1	501.5	501.7	502.0	502.2	502.5
120°	552.5	553.1	553.2	553.5	553.7	554.0	554.2	554.2	554.2	554.2	554.2
122.5°	602.6	602.7	603.0	603.7	604.4	605.1	605.8	605.6	605.3	605.1	604.8
125°	654.6	655.3	655.4	655.6	655.9	656.1	656.3	655.9	655.4	655.0	654.5
127.5°	704.5	704.8	704.9	705.2	705.4	705.7	705.9	705.7	705.4	705.2	704.9
130°	752.7	753.3	753.5	754.0	754.5	754.9	755.4	755.2	755.0	754.7	754.5
132.5°	802.9	803.9	803.8	803.6	803.3	803.1	802.9	802.7	802.4	802.2	801.9
135°	849.6	850.3	850.4	850.7	850.9	851.2	851.4	851.4	851.4	851.4	851.4
137.5°	896.1	896.8	897.0	897.5	897.9	898.4	898.8	899.0	899.3	899.5	899.8
140°	939.5	940.1	940.4	941.1	941.8	942.5	943.2	943.7	944.1	944.6	945.1
142.5°	983.0	983.5	984.0	984.9	985.8	986.7	987.6	987.8	988.0	988.3	988.5
145°	1026.3	1026.8	1027.1	1027.8	1028.5	1029.2	1029.9	1029.9	1029.9	1029.9	1029.9
147.5°	1065.7	1066.0	1066.2	1066.7	1067.2	1067.6	1068.1	1068.8	1069.5	1070.2	1070.9
150°	1102.2	1102.1	1102.6	1103.5	1104.4	1105.4	1106.3	1106.3	1106.3	1106.3	1106.3
152.5°	1138.0	1138.2	1138.3	1138.6	1138.8	1139.1	1139.3	1140.0	1140.7	1141.4	1142.1
155°	1170.2	1170.2	1170.3	1170.6	1170.8	1171.1	1171.3	1172.2	1173.1	1174.0	1174.9
157.5°	1199.3	1199.1	1199.2	1199.5	1199.7	1200.0	1200.2	1201.1	1202.0	1202.9	1203.8
160°	1225.2	1224.9	1225.0	1225.3	1225.5	1225.8	1226.0	1226.9	1227.8	1228.7	1229.6
162.5°	1249.9	1249.7	1249.7	1249.7	1249.7	1249.7	1249.7	1250.9	1252.0	1253.2	1254.3
165°	1270.5	1270.3	1270.4	1270.7	1270.9	1271.2	1271.4	1272.3	1273.2	1274.1	1275.0
167.5°	1287.3	1286.8	1286.8	1286.8	1286.8	1286.8	1286.8	1288.2	1289.6	1290.9	1292.3
170°	1301.8	1301.3	1301.3	1301.3	1301.3	1301.3	1301.3	1302.7	1304.1	1305.4	1306.8
172.5°	1312.1	1311.6	1311.6	1311.6	1311.6	1311.6	1311.6	1313.0	1314.4	1315.7	1317.1
175°	1319.3	1318.8	1318.8	1318.8	1318.8	1318.8	1318.8	1320.2	1321.6	1322.9	1324.3
177.5°	1324.5	1324.0	1323.9	1323.7	1323.4	1323.2	1323.0	1324.4	1325.8	1327.1	1328.5
180°	1326.1	1326.1	1326.1	1326.1	1326.1	1326.1	1326.1	1326.1	1326.1	1326.1	1326.1



TEST NUMBER: P1035246

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**CANDELA DISTRIBUTION (continued):**

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
0°	532.3	532.3	532.3	532.3	532.3	532.3	532.3	532.3	532.3	532.3	532.3
2.5°	504.7	501.5	501.1	502.0	500.2	502.9	502.0	502.9	500.6	502.9	501.5
5°	469.9	469.0	467.2	464.9	465.4	465.9	468.1	465.9	467.7	468.1	470.4
7.5°	437.4	435.6	436.9	436.0	432.0	431.1	432.0	433.3	436.0	437.8	439.2
10°	411.2	410.3	408.5	407.1	404.9	403.5	405.3	403.5	407.1	410.3	410.3
12.5°	391.3	387.7	385.4	385.0	380.0	380.9	382.7	384.1	388.1	389.9	389.9
15°	370.5	367.8	366.9	365.1	363.3	365.1	364.2	365.5	367.4	369.2	370.1
17.5°	352.4	352.0	352.4	347.9	349.3	347.0	347.5	349.7	348.4	349.7	352.4
20°	336.2	337.1	335.7	333.9	333.9	331.2	334.4	333.5	333.9	336.6	340.7
22.5°	324.0	323.5	322.2	320.8	319.0	319.5	319.9	319.0	322.6	324.9	325.3
25°	310.9	310.0	309.5	308.2	306.4	308.2	307.7	308.2	309.1	312.7	310.0
27.5°	298.7	296.9	297.8	296.4	296.0	296.4	296.4	296.9	297.8	298.2	298.7
30°	288.3	286.5	286.0	285.1	284.7	285.1	286.0	285.1	288.7	288.3	288.3
32.5°	277.0	275.6	274.7	274.7	274.3	273.8	274.3	274.7	277.4	275.6	277.4
35°	266.1	265.2	265.2	264.3	263.9	263.9	263.9	265.7	264.8	266.1	266.1
37.5°	255.7	255.7	255.3	254.4	253.9	254.4	253.9	254.8	254.4	254.8	255.3
40°	244.9	244.0	243.5	243.5	242.2	240.8	242.2	242.2	242.6	244.0	244.4
42.5°	231.8	232.2	232.2	230.4	230.4	230.4	230.9	231.3	231.3	232.2	232.2
45°	220.5	219.6	219.6	219.6	218.7	219.1	220.0	220.0	220.0	220.0	219.1
47.5°	207.8	207.8	208.3	208.3	209.7	209.2	209.2	208.8	207.8	207.8	208.3
50°	196.1	197.5	197.9	197.9	198.4	198.8	198.8	197.9	197.5	196.1	196.1
52.5°	184.8	185.7	186.6	188.0	188.9	188.4	188.4	187.5	185.7	185.3	184.8
55°	172.6	174.0	175.8	177.1	178.5	178.9	178.9	177.1	175.3	173.1	173.1
57.5°	161.3	162.7	165.8	167.2	169.0	169.0	168.1	166.7	164.0	162.2	160.9
60°	150.0	152.3	154.5	157.2	159.5	160.0	158.6	156.8	153.6	151.4	149.6
62.5°	137.8	140.1	144.6	147.3	149.1	149.1	149.1	146.8	142.8	139.6	136.9
65°	126.1	128.3	132.4	136.0	137.4	138.7	137.4	135.1	131.9	128.3	125.6
67.5°	113.9	116.6	120.6	123.4	125.2	126.5	125.6	123.8	119.7	114.8	113.0
70°	100.3	101.7	107.5	110.3	113.0	113.9	113.0	110.3	106.2	100.8	99.0
72.5°	87.7	89.0	94.4	96.7	99.0	99.9	98.5	96.7	93.1	88.1	85.9
75°	73.2	75.5	78.2	81.8	84.5	85.4	84.0	82.7	78.2	75.0	73.2
77.5°	57.8	60.1	63.7	66.9	69.6	69.1	67.3	67.8	62.8	59.2	57.8
80°	43.8	45.6	48.3	51.1	52.4	52.4	52.0	50.2	48.3	45.6	43.4
82.5°	30.3	32.5	34.8	36.6	36.6	37.1	36.1	35.7	33.9	31.6	31.2
85°	18.1	18.5	20.3	20.3	22.1	21.2	20.8	22.1	20.3	19.0	18.5
87.5°	8.1	7.7	8.1	8.1	7.7	8.6	8.6	8.1	8.6	8.1	8.1
90°	21.7	22.0	22.7	23.4	24.1	24.8	24.1	23.4	22.7	22.0	21.7
92.5°	52.6	52.8	53.3	53.8	54.2	54.7	54.2	53.8	53.3	52.8	52.6
95°	86.7	86.9	87.4	87.8	88.3	88.7	88.3	87.8	87.4	86.9	86.7
97.5°	124.9	125.0	125.2	125.5	125.7	125.9	125.7	125.5	125.2	125.0	124.9
100°	167.2	167.4	167.9	168.3	168.8	169.2	168.8	168.3	167.9	167.4	167.2
102.5°	209.5	209.8	210.5	211.2	211.9	212.6	211.9	211.2	210.5	209.8	209.5
105°	252.8	253.1	253.8	254.5	255.2	255.9	255.2	254.5	253.8	253.1	252.8
107.5°	299.3	299.3	299.3	299.3	299.3	299.3	299.3	299.3	299.3	299.3	299.3
110°	349.8	349.7	349.5	349.2	349.0	348.8	349.0	349.2	349.5	349.7	349.8





TEST NUMBER: P1035246

CATALOG NUMBER: S125DIW-B375D1050UB35-4F0-XX-W2A-A1

**CANDELA DISTRIBUTION (continued):**

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
112.5°	399.4	399.2	398.7	398.2	397.8	397.3	397.8	398.2	398.7	399.2	399.4
115°	449.9	449.8	449.6	449.3	449.1	448.9	449.1	449.3	449.6	449.8	449.9
117.5°	502.6	502.1	501.2	500.3	499.3	498.4	499.3	500.3	501.2	502.1	502.6
120°	554.2	553.7	552.8	551.9	550.9	550.0	550.9	551.9	552.8	553.7	554.2
122.5°	604.7	604.4	603.7	603.0	602.3	601.6	602.3	603.0	603.7	604.4	604.7
125°	654.3	654.2	653.9	653.7	653.4	653.2	653.4	653.7	653.9	654.2	654.3
127.5°	704.8	704.6	704.1	703.7	703.2	702.8	703.2	703.7	704.1	704.6	704.8
130°	754.4	754.2	753.7	753.2	752.8	752.3	752.8	753.2	753.7	754.2	754.4
132.5°	801.8	801.5	800.8	800.1	799.4	798.7	799.4	800.1	800.8	801.5	801.8
135°	851.4	850.9	850.0	849.1	848.1	847.2	848.1	849.1	850.0	850.9	851.4
137.5°	899.9	899.3	898.2	897.0	895.9	894.7	895.9	897.0	898.2	899.3	899.9
140°	945.3	944.7	943.6	942.4	941.3	940.1	941.3	942.4	943.6	944.7	945.3
142.5°	988.6	988.0	986.9	985.8	984.6	983.5	984.6	985.8	986.9	988.0	988.6
145°	1029.9	1029.6	1028.9	1028.2	1027.5	1026.8	1027.5	1028.2	1028.9	1029.6	1029.9
147.5°	1071.2	1070.3	1068.4	1066.6	1064.7	1062.9	1064.7	1066.6	1068.4	1070.3	1071.2
150°	1106.3	1106.1	1105.6	1105.1	1104.7	1104.2	1104.7	1105.1	1105.6	1106.1	1106.3
152.5°	1142.4	1141.9	1141.0	1140.1	1139.1	1138.2	1139.1	1140.1	1141.0	1141.9	1142.4
155°	1175.4	1174.8	1173.7	1172.5	1171.4	1170.2	1171.4	1172.5	1173.7	1174.8	1175.4
157.5°	1204.3	1203.5	1201.9	1200.3	1198.7	1197.1	1198.7	1200.3	1201.9	1203.5	1204.3
160°	1230.1	1229.5	1228.4	1227.2	1226.1	1224.9	1226.1	1227.2	1228.4	1229.5	1230.1
162.5°	1254.9	1254.2	1252.8	1251.5	1250.1	1248.7	1250.1	1251.5	1252.8	1254.2	1254.9
165°	1275.5	1274.8	1273.4	1272.1	1270.7	1269.3	1270.7	1272.1	1273.4	1274.8	1275.5
167.5°	1293.0	1292.3	1290.9	1289.6	1288.2	1286.8	1288.2	1289.6	1290.9	1292.3	1293.0
170°	1307.5	1306.7	1305.1	1303.5	1301.9	1300.3	1301.9	1303.5	1305.1	1306.7	1307.5
172.5°	1317.8	1317.1	1315.7	1314.4	1313.0	1311.6	1313.0	1314.4	1315.7	1317.1	1317.8
175°	1325.0	1324.2	1322.6	1321.0	1319.4	1317.8	1319.4	1321.0	1322.6	1324.2	1325.0
177.5°	1329.2	1328.4	1326.8	1325.1	1323.5	1321.9	1323.5	1325.1	1326.8	1328.4	1329.2
180°	1326.1	1326.1	1326.1	1326.1	1326.1	1326.1	1326.1	1326.1	1326.1	1326.1	1326.1



TEST NUMBER: P1035246  
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**CANDELA DISTRIBUTION (continued):**

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
0°	532.3	532.3	532.3	532.3	532.3	532.3	532.3	532.3	532.3	532.3	532.3
2.5°	505.6	502.9	506.1	502.0	502.9	507.9	507.4	511.9	514.7	514.2	516.5
5°	472.2	472.2	473.5	473.1	477.6	481.7	487.1	491.6	496.6	499.3	502.5
7.5°	439.2	443.7	444.6	446.9	452.3	459.1	464.5	471.3	478.5	483.5	487.1
10°	412.1	415.7	419.3	421.1	427.0	436.0	443.7	454.6	463.6	469.0	474.0
12.5°	388.1	392.2	394.0	402.1	406.2	412.1	422.9	434.7	444.6	450.5	454.6
15°	371.0	373.2	377.3	382.3	386.3	393.6	402.6	415.7	425.2	430.2	444.2
17.5°	356.5	359.2	361.5	363.7	370.1	377.7	386.3	397.6	409.8	418.4	425.6
20°	341.6	343.0	345.7	349.3	353.8	361.0	368.7	380.5	391.3	398.1	407.6
22.5°	324.0	328.0	330.8	333.5	338.4	346.6	353.8	362.4	375.9	383.6	393.6
25°	313.6	315.4	317.2	320.4	324.0	331.2	339.3	348.4	359.2	367.4	375.9
27.5°	300.0	302.7	305.0	309.1	311.3	317.2	324.9	333.9	347.0	353.8	361.0
30°	288.7	291.4	293.2	295.1	298.2	304.5	311.8	319.0	331.2	339.8	347.0
32.5°	277.4	280.1	282.4	283.8	286.9	291.0	296.9	305.9	316.3	322.2	331.7
35°	267.5	267.5	270.2	272.0	274.7	278.3	283.8	290.5	301.4	309.1	317.6
37.5°	256.2	256.6	258.9	260.3	263.0	266.6	272.0	278.3	287.4	293.2	301.8
40°	244.4	245.8	246.7	249.0	252.1	253.5	258.9	266.1	275.2	280.6	287.8
42.5°	232.7	233.6	235.9	237.7	240.4	242.6	246.3	253.0	259.8	267.9	273.8
45°	219.6	221.9	223.2	226.4	227.7	230.0	233.6	239.0	247.2	252.1	258.9
47.5°	208.3	209.2	210.1	214.2	216.9	218.2	221.9	225.0	233.6	238.1	244.4
50°	196.1	196.1	197.5	199.3	202.4	205.1	208.3	211.9	218.7	223.2	229.5
52.5°	184.8	183.4	184.4	185.3	188.4	191.1	194.3	199.3	205.6	208.3	213.7
55°	172.6	170.3	171.7	173.1	174.0	177.6	181.2	184.4	189.3	193.4	198.4
57.5°	159.5	159.0	158.1	158.6	160.9	163.1	165.8	169.9	175.8	178.9	181.6
60°	147.8	145.0	144.1	145.0	146.4	147.8	151.4	155.0	160.0	163.1	166.3
62.5°	135.6	132.8	131.0	129.7	131.0	134.2	136.5	139.2	143.2	146.8	149.6
65°	123.8	119.7	117.9	117.0	116.6	118.8	120.6	124.3	127.9	129.2	132.4
67.5°	110.7	107.1	104.8	103.5	103.5	103.5	105.3	108.9	112.5	113.0	116.1
70°	97.6	93.5	91.3	89.5	88.6	89.5	91.7	92.2	95.3	96.2	98.1
72.5°	83.6	80.0	77.3	75.0	75.5	76.4	76.4	77.3	79.1	81.3	81.3
75°	70.5	65.5	64.2	62.4	61.5	61.5	61.5	63.3	64.6	66.4	66.0
77.5°	55.6	52.9	50.2	49.3	47.9	47.4	48.3	48.3	49.3	50.6	51.1
80°	42.9	39.8	38.0	37.1	35.2	34.8	35.2	35.2	36.6	36.1	36.6
82.5°	29.8	27.6	26.2	24.9	23.9	24.4	23.9	23.9	24.4	23.9	23.9
85°	17.2	16.7	15.8	15.4	14.9	14.0	14.9	14.5	14.0	13.6	14.5
87.5°	8.1	7.7	7.7	6.8	6.8	6.3	6.8	6.8	6.3	6.3	6.3
90°	21.1	20.0	18.8	17.7	16.5	14.9	13.3	11.7	10.1	9.3	8.4
92.5°	51.8	50.2	48.6	47.0	45.4	43.3	41.3	39.2	37.1	36.1	35.5
95°	85.9	84.3	82.7	81.1	79.5	77.2	74.9	72.6	70.3	69.1	68.9
97.5°	124.2	122.8	121.5	120.1	118.7	115.5	112.3	109.0	105.8	104.2	104.1
100°	166.2	164.1	162.0	160.0	157.9	154.9	151.9	149.0	146.0	144.5	144.5
102.5°	208.4	206.1	203.8	201.5	199.2	198.0	196.9	195.7	194.6	194.0	193.4
105°	252.1	250.7	249.4	248.0	246.6	245.2	243.8	242.5	241.1	240.4	239.8
107.5°	299.0	298.3	297.6	296.9	296.2	295.0	293.9	292.7	291.6	291.0	290.4
110°	349.5	348.8	348.1	347.4	346.7	346.0	345.3	344.6	343.9	343.6	343.0



TEST NUMBER: P1035246

CATALOG NUMBER: S125DIW-B375D1050UB35-4F0-XX-W2A-A1

**CANDELA DISTRIBUTION (continued):**

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
112.5°	399.3	399.0	398.8	398.5	398.3	397.4	396.5	395.6	394.7	394.2	394.0
115°	450.0	450.3	450.5	450.8	451.0	450.5	450.1	449.6	449.1	448.9	448.4
117.5°	502.5	502.2	502.0	501.7	501.5	501.1	500.6	500.2	499.7	499.5	499.4
120°	554.2	554.2	554.2	554.2	554.2	554.0	553.7	553.5	553.2	553.1	552.5
122.5°	604.8	605.1	605.3	605.6	605.8	605.1	604.4	603.7	603.0	602.7	602.6
125°	654.5	655.0	655.4	655.9	656.3	656.1	655.9	655.6	655.4	655.3	654.6
127.5°	704.9	705.2	705.4	705.7	705.9	705.7	705.4	705.2	704.9	704.8	704.5
130°	754.5	754.7	755.0	755.2	755.4	754.9	754.5	754.0	753.5	753.3	752.7
132.5°	801.9	802.2	802.4	802.7	802.9	803.1	803.3	803.6	803.8	803.9	802.9
135°	851.4	851.4	851.4	851.4	851.4	851.2	850.9	850.7	850.4	850.3	849.6
137.5°	899.8	899.5	899.3	899.0	898.8	898.4	897.9	897.5	897.0	896.8	896.1
140°	945.1	944.6	944.1	943.7	943.2	942.5	941.8	941.1	940.4	940.1	939.5
142.5°	988.5	988.3	988.0	987.8	987.6	986.7	985.8	984.9	984.0	983.5	983.0
145°	1029.9	1029.9	1029.9	1029.9	1029.9	1029.2	1028.5	1027.8	1027.1	1026.8	1026.3
147.5°	1070.9	1070.2	1069.5	1068.8	1068.1	1067.6	1067.2	1066.7	1066.2	1066.0	1065.7
150°	1106.3	1106.3	1106.3	1106.3	1106.3	1105.4	1104.4	1103.5	1102.6	1102.1	1102.2
152.5°	1142.1	1141.4	1140.7	1140.0	1139.3	1139.1	1138.8	1138.6	1138.3	1138.2	1138.0
155°	1174.9	1174.0	1173.1	1172.2	1171.3	1171.1	1170.8	1170.6	1170.3	1170.2	1170.2
157.5°	1203.8	1202.9	1202.0	1201.1	1200.2	1200.0	1199.7	1199.5	1199.2	1199.1	1199.3
160°	1229.6	1228.7	1227.8	1226.9	1226.0	1225.8	1225.5	1225.3	1225.0	1224.9	1225.2
162.5°	1254.3	1253.2	1252.0	1250.9	1249.7	1249.7	1249.7	1249.7	1249.7	1249.7	1249.9
165°	1275.0	1274.1	1273.2	1272.3	1271.4	1271.2	1270.9	1270.7	1270.4	1270.3	1270.5
167.5°	1292.3	1290.9	1289.6	1288.2	1286.8	1286.8	1286.8	1286.8	1286.8	1286.8	1287.3
170°	1306.8	1305.4	1304.1	1302.7	1301.3	1301.3	1301.3	1301.3	1301.3	1301.3	1301.8
172.5°	1317.1	1315.7	1314.4	1313.0	1311.6	1311.6	1311.6	1311.6	1311.6	1311.6	1312.1
175°	1324.3	1322.9	1321.6	1320.2	1318.8	1318.8	1318.8	1318.8	1318.8	1318.8	1319.3
177.5°	1328.5	1327.1	1325.8	1324.4	1323.0	1323.2	1323.4	1323.7	1323.9	1324.0	1324.5
180°	1326.1	1326.1	1326.1	1326.1	1326.1	1326.1	1326.1	1326.1	1326.1	1326.1	1326.1



TEST NUMBER: P1035246

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**CANDELA DISTRIBUTION (continued):**

	345°	350°	355°	360°
0°	532.3	532.3	532.3	532.3
2.5°	519.6	524.1	527.3	533.2
5°	507.9	516.0	523.7	531.8
7.5°	496.1	505.6	517.8	528.2
10°	483.0	495.2	509.7	523.7
12.5°	469.9	484.4	500.2	518.7
15°	454.1	472.6	491.2	511.0
17.5°	440.1	459.1	479.0	503.8
20°	424.3	445.1	466.8	492.1
22.5°	410.3	433.3	455.9	482.6
25°	394.5	417.1	441.9	470.4
27.5°	381.4	402.1	426.5	457.3
30°	365.5	388.1	412.5	443.3
32.5°	350.6	372.3	398.1	428.3
35°	335.3	357.4	380.5	409.4
37.5°	320.8	339.8	362.8	390.4
40°	304.5	325.3	346.1	367.8
42.5°	289.6	308.6	328.0	345.2
45°	272.9	289.2	307.7	321.7
47.5°	257.6	272.0	286.5	297.3
50°	242.2	253.5	264.3	273.8
52.5°	224.1	236.8	242.6	248.5
55°	207.8	215.1	220.5	226.4
57.5°	192.0	195.2	197.9	203.3
60°	171.2	174.9	178.0	182.1
62.5°	153.2	155.0	155.9	160.0
65°	136.0	135.6	137.8	140.1
67.5°	117.5	117.0	119.3	120.2
70°	99.4	99.0	99.4	101.7
72.5°	82.2	82.2	82.7	83.6
75°	66.4	66.4	66.9	67.8
77.5°	50.2	51.1	50.6	52.4
80°	36.6	35.7	36.6	37.5
82.5°	23.9	24.9	24.9	23.9
85°	13.6	13.6	13.6	13.6
87.5°	5.9	5.9	6.3	6.8
90°	6.5	4.7	2.8	1.0
92.5°	34.4	33.3	32.1	31.0
95°	68.4	68.0	67.5	67.1
97.5°	103.9	103.6	103.4	103.2
100°	144.5	144.5	144.5	144.5
102.5°	192.3	191.1	190.0	188.8
105°	238.7	237.6	236.4	235.3
107.5°	289.3	288.2	287.0	285.9
110°	341.9	340.8	339.6	338.5



TEST NUMBER: P1035246

CATALOG NUMBER: S125DIW-B375D1050UB35-4F0-XX-W2A-A1

**CANDELA DISTRIBUTION (continued):**

	345°	350°	355°	360°
112.5°	393.5	393.0	392.6	392.1
115°	447.5	446.6	445.7	444.8
117.5°	499.1	498.9	498.6	498.4
120°	551.4	550.3	549.1	548.0
122.5°	602.3	602.1	601.8	601.6
125°	653.2	651.9	650.5	649.1
127.5°	703.8	703.1	702.4	701.7
130°	751.6	750.5	749.3	748.2
132.5°	800.8	798.7	796.7	794.6
135°	848.2	846.9	845.5	844.1
137.5°	894.7	893.4	892.0	890.6
140°	938.4	937.3	936.1	935.0
142.5°	982.1	981.2	980.2	979.3
145°	1025.4	1024.5	1023.6	1022.7
147.5°	1065.0	1064.3	1063.6	1062.9
150°	1102.5	1102.7	1103.0	1103.2
152.5°	1137.5	1137.1	1136.6	1136.2
155°	1170.2	1170.2	1170.2	1170.2
157.5°	1199.8	1200.3	1200.7	1201.2
160°	1225.9	1226.6	1227.3	1228.0
162.5°	1250.4	1250.9	1251.3	1251.8
165°	1271.0	1271.5	1271.9	1272.4
167.5°	1288.2	1289.1	1290.1	1291.0
170°	1302.7	1303.6	1304.5	1305.4
172.5°	1313.0	1313.9	1314.8	1315.7
175°	1320.2	1321.1	1322.1	1323.0
177.5°	1325.4	1326.3	1327.2	1328.1
180°	1326.1	1326.1	1326.1	1326.1

(END OF REPORT)