

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: P1035485

Luminaire Tested: S125DIW-B610D470UB40-4F0-XX-W2A-A

Issue Date: 5/6/2025

Test Information

Test Method: LM-79-2019
Report Number: P1035485
REPORT IS A COMBINATION OF REPORTS P1003955 AND P1007351
Test Lab: INNOVATION CENTER
Issue Date: 5/6/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: NEO-RAY
Catalog Number: S125DIW-B610D470UB40-4F0-XX-W2A-A
Description: Define 5 Direct/Indirect Wall Mount with 4000K BioUP LEDs {m-DER=0.865} {m-EER=0.951}
Light Source: -
Ballast/Driver: -

Summary

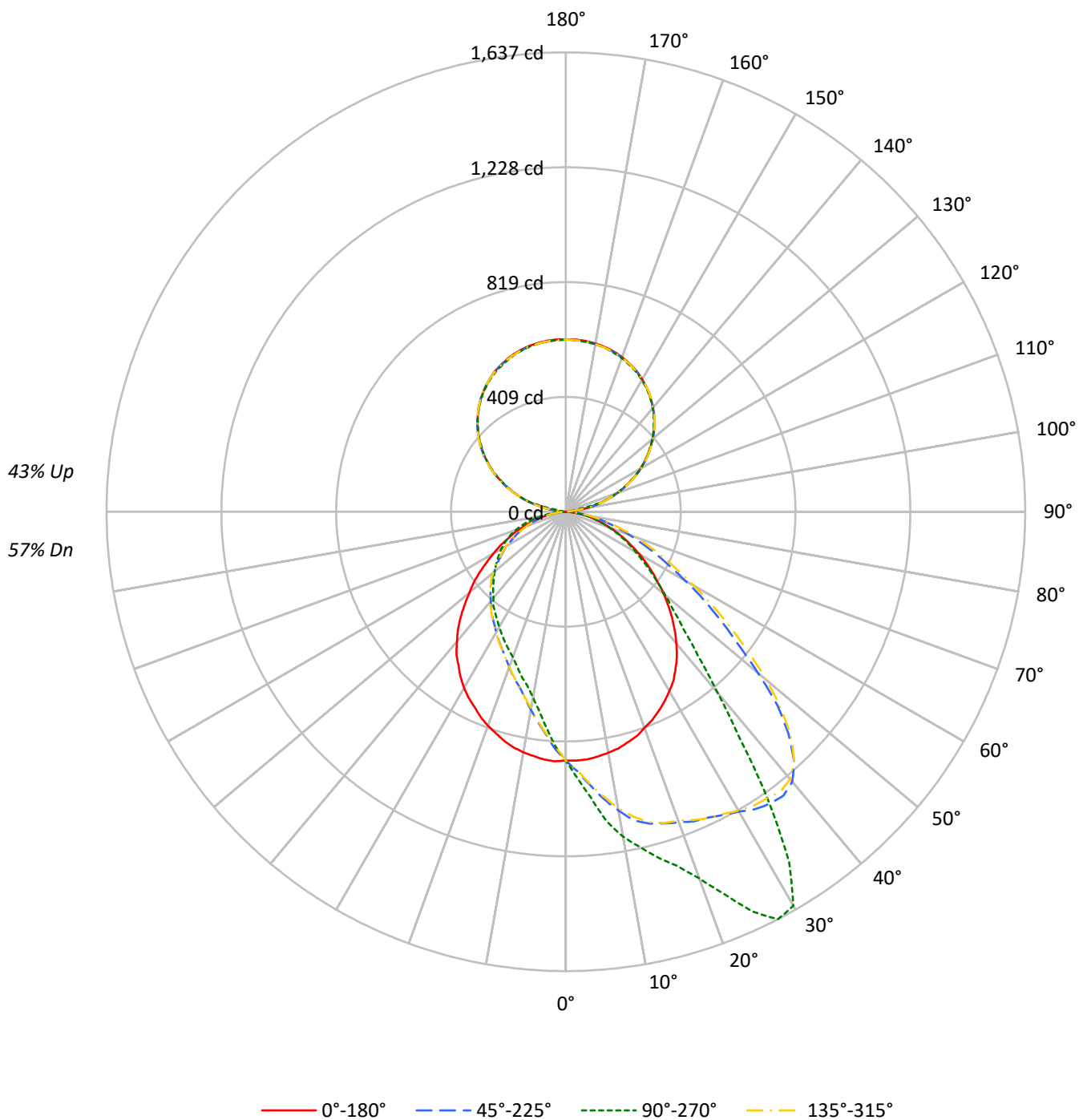
Lumens per Lamp: N/A
Luminaire Lumens: 4387.0 lumens
Efficiency: N/A
Efficacy: 117.9 lumens/watt
Spacing Criteria (0/90/45): 1.23 / 1.43 / 1.52
Luminous Opening: Rectangular w/ Sides (W: 0.42' x L: 4' x H: 0.1')
CIE Type: General Diffuse

Input Watts (W): 37.2
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				10
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10
RCR																	
0	109	109	109	109	101	101	101	101	87	87	87	74	74	74	63	63	63
1	100	95	92	88	93	89	86	83	77	75	72	66	64	63	56	55	53
2	91	84	77	72	84	78	73	68	68	64	60	58	55	53	49	47	45
3	83	74	66	61	77	69	62	57	60	55	51	52	48	45	44	41	39
4	76	65	57	51	71	61	54	49	53	48	44	46	42	39	39	36	34
5	70	58	50	44	65	55	47	42	48	42	38	41	37	33	36	32	29
6	64	52	44	38	60	49	42	37	43	37	33	38	33	29	32	29	26
7	60	47	39	34	55	45	37	32	39	33	29	34	30	26	29	26	23
8	55	43	35	30	52	41	33	29	36	30	26	31	27	23	27	23	21
9	52	39	32	27	48	37	30	25	33	27	23	29	24	21	25	21	19
10	48	36	29	24	45	34	27	23	30	25	21	27	22	19	23	20	17

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	5679	5679	5679	5679
5°	5683	6442	5688	4887
10°	5648	7343	5639	4195
15°	5607	7961	5572	3790
20°	5536	8724	5485	3460
25°	5473	9996	5373	3265
30°	5383	10546	5290	3088
35°	5240	8454	5130	2946
40°	5017	5843	4943	2795
45°	4736	4350	4683	2671
50°	4413	3581	4340	2570
55°	4065	3054	4033	2483
60°	3724	2615	3659	2416
65°	3356	2258	3302	2318
70°	2968	1874	2927	2147
75°	2556	1450	2522	1864
80°	2016	980	1945	1371
85°	1292	490	1246	699

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 135°

Vertical Angle: 45°

Luminance: 8673 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	85.3	1.9
10°-20°	254.1	5.8
20°-30°	412.7	9.4
30°-40°	504.4	11.5
40°-50°	457.5	10.4
50°-60°	364.4	8.3
60°-70°	253.8	5.8
70°-80°	135.2	3.1
80°-90°	34.4	0.8
90°-100°	20.8	0.5
100°-110°	138.5	3.2
110°-120°	249.4	5.7
120°-130°	320.1	7.3
130°-140°	344.3	7.8
140°-150°	323.1	7.4
150°-160°	261.4	6.0
160°-170°	169.1	3.9
170°-180°	58.3	1.3
0°-30°	752.1	17.1
0°-40°	1256.5	28.6
0°-60°	2078.4	47.4
0°-90°	2501.9	57.0
90°-120°	408.7	9.3
90°-150°	1396.3	31.8
90°-180°	1885.0	43.0
0°-180°	4387.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	886	886	886	886	886	
5°	886	1022	886	776	886	84
15°	851	1277	846	608	851	240
25°	783	1571	769	513	783	361
35°	682	1261	667	439	682	426
45°	536	594	530	365	536	413
55°	377	366	374	298	377	337
65°	233	225	230	231	233	231
75°	113	111	111	142	113	120
85°	23	25	22	35	23	27
90°	0	11	0	11	0	3
95°	26	10	26	10	26	32
105°	134	135	134	135	134	142
115°	251	249	251	249	251	249
125°	357	357	357	357	357	319
135°	445	444	445	444	445	343
145°	516	515	516	515	516	323
155°	569	564	569	564	569	262
165°	600	597	600	597	600	170
175°	614	611	614	611	614	58
180°	614	614	614	614	614	

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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	886.3	886.3	886.3	886.3	886.3	886.3	886.3	886.3	886.3	886.3	886.3
2.5°	887.8	893.1	899.1	903.6	911.1	913.4	917.1	919.4	921.7	923.9	925.4
5°	885.5	898.3	909.6	917.9	932.2	937.5	944.2	952.5	962.3	970.6	975.8
7.5°	879.5	899.8	914.9	931.4	951.0	963.8	970.6	987.9	1003.7	1015.7	1031.5
10°	872.0	896.1	919.4	944.2	972.1	986.4	999.9	1024.0	1045.8	1065.4	1081.2
12.5°	863.7	893.1	920.9	953.3	990.9	1008.2	1017.2	1058.6	1085.7	1096.2	1127.1
15°	850.9	885.5	925.4	965.3	996.9	1017.2	1042.0	1075.1	1102.2	1125.6	1150.4
17.5°	838.9	876.5	917.1	961.5	1007.4	1033.8	1052.6	1081.9	1111.3	1141.4	1164.7
20°	819.3	868.2	909.6	957.0	1011.2	1030.0	1049.6	1084.2	1115.8	1148.1	1177.5
22.5°	803.5	850.2	906.6	951.8	997.6	1016.5	1040.5	1076.6	1114.3	1151.1	1194.0
25°	783.2	835.1	884.0	932.2	979.6	999.9	1021.7	1068.4	1107.5	1154.9	1202.3
27.5°	761.4	814.8	863.7	907.4	951.8	979.6	1002.9	1051.8	1103.7	1155.6	1217.3
30°	738.1	788.5	835.1	878.0	926.9	955.5	978.8	1036.0	1094.0	1160.2	1233.9
32.5°	713.3	760.6	800.5	844.2	896.1	922.4	954.0	1016.5	1084.9	1163.9	1256.5
35°	681.7	726.8	762.2	806.5	858.5	892.3	925.4	995.4	1075.1	1163.2	1269.3
37.5°	650.1	685.4	719.3	766.7	826.9	857.7	892.3	969.1	1060.1	1160.9	1274.5
40°	612.4	647.0	676.4	724.5	787.7	823.1	859.2	939.7	1042.8	1152.6	1255.7
42.5°	574.8	604.2	636.5	686.9	747.9	785.5	823.8	913.4	1020.2	1128.6	1203.8
45°	535.7	558.3	593.6	639.5	704.2	740.3	784.0	881.0	988.6	1084.9	1122.5
47.5°	495.1	517.6	550.7	595.1	659.1	702.0	743.3	840.4	948.7	1023.2	1023.2
50°	455.9	474.0	506.3	550.7	615.4	654.6	696.7	799.8	887.0	942.0	893.1
52.5°	413.8	434.1	461.2	507.9	571.8	607.2	653.1	741.1	823.8	846.4	771.2
55°	376.9	393.5	419.1	463.5	522.9	559.8	598.9	683.2	753.1	751.6	671.1
57.5°	338.6	352.1	379.2	419.8	474.7	507.9	547.0	620.0	677.1	656.8	580.8
60°	303.2	313.0	339.3	372.4	425.1	455.9	493.6	553.0	596.6	568.0	491.3
62.5°	266.3	277.6	298.7	331.0	377.7	402.5	430.4	490.5	518.4	492.8	414.6
65°	233.2	242.3	261.1	288.2	330.3	352.9	376.9	426.6	452.9	416.1	351.4
67.5°	200.1	210.7	224.2	248.3	281.4	302.5	323.5	366.4	378.4	345.3	291.2
70°	169.3	178.3	191.1	208.4	236.2	255.1	270.9	306.2	314.5	283.6	240.8
72.5°	139.2	145.2	155.7	170.0	195.6	206.2	222.7	246.8	257.3	229.5	198.6
75°	112.9	117.4	124.1	134.7	152.0	163.3	176.8	199.4	198.6	179.1	157.2
77.5°	87.3	88.0	95.6	105.3	115.9	125.6	132.4	148.2	149.7	137.7	119.6
80°	62.4	64.7	67.7	75.2	84.3	88.0	96.3	106.1	107.6	98.6	86.5
82.5°	39.9	41.4	43.6	48.2	54.2	58.7	63.2	67.0	70.7	65.5	55.7
85°	22.6	23.3	25.6	27.1	30.1	32.4	36.1	39.9	39.1	35.4	32.4
87.5°	11.3	11.3	11.3	12.8	14.3	14.3	15.8	16.6	17.3	15.8	14.3
90°	0.5	1.3	2.1	2.9	3.7	4.1	4.5	5.2	5.9	6.6	7.3
92.5°	8.6	7.7	6.8	5.9	5.0	4.5	4.8	5.4	6.1	6.7	7.3
95°	25.9	25.6	25.3	25.0	24.7	24.6	22.7	18.8	15.0	11.1	7.3
97.5°	48.7	49.3	49.9	50.5	51.1	51.4	46.6	37.0	27.4	17.8	8.2
100°	76.0	76.3	76.6	76.9	77.2	77.3	77.5	77.9	78.4	78.8	79.2
102.5°	103.7	104.1	104.5	104.9	105.3	105.5	105.6	105.8	106.0	106.2	106.4
105°	133.7	134.1	134.5	135.0	135.4	135.6	135.6	135.6	135.6	135.6	135.6
107.5°	164.7	164.7	164.7	164.7	164.7	164.7	164.8	165.0	165.2	165.4	165.6
110°	194.7	194.7	194.7	194.7	194.7	194.7	194.8	195.0	195.2	195.4	195.6

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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	222.9	223.2	223.5	223.8	224.1	224.3	224.3	224.4	224.5	224.6	224.7
115°	251.1	251.6	252.1	252.6	253.1	253.4	253.4	253.5	253.6	253.7	253.8
117.5°	280.7	280.7	280.7	280.7	280.7	280.7	280.9	281.3	281.7	282.1	282.5
120°	308.0	307.9	307.8	307.7	307.6	307.5	307.7	308.0	308.3	308.6	308.9
122.5°	332.1	332.6	333.1	333.6	334.1	334.4	334.4	334.5	334.6	334.7	334.8
125°	357.1	357.8	358.5	359.2	359.9	360.3	360.3	360.3	360.3	360.3	360.3
127.5°	381.2	381.7	382.2	382.7	383.2	383.5	383.4	383.3	383.2	383.1	383.0
130°	403.1	403.6	404.1	404.6	405.1	405.3	405.4	405.5	405.6	405.7	405.8
132.5°	424.9	425.5	426.1	426.7	427.3	427.6	427.5	427.2	426.9	426.6	426.3
135°	445.4	446.0	446.6	447.2	447.8	448.1	448.0	447.8	447.6	447.4	447.2
137.5°	464.5	465.1	465.7	466.3	466.9	467.2	467.1	466.9	466.7	466.5	466.3
140°	483.1	483.3	483.5	483.7	483.9	484.0	484.0	483.9	483.8	483.7	483.6
142.5°	499.9	500.0	500.1	500.2	500.3	500.4	500.5	500.7	500.9	501.1	501.3
145°	516.3	516.5	516.7	516.9	517.1	517.2	517.2	517.2	517.2	517.2	517.2
147.5°	530.9	530.9	530.9	530.9	530.9	530.9	530.9	531.0	531.1	531.2	531.3
150°	544.5	544.3	544.1	543.9	543.7	543.6	543.7	543.9	544.1	544.3	544.5
152.5°	557.7	557.2	556.7	556.2	555.7	555.4	555.5	555.7	556.0	556.2	556.4
155°	568.6	568.0	567.4	566.8	566.2	565.9	566.0	566.2	566.4	566.6	566.8
157.5°	577.3	577.0	576.7	576.4	576.1	575.9	575.9	575.9	575.9	575.9	575.9
160°	586.4	585.8	585.2	584.6	584.0	583.7	583.7	583.8	583.9	584.0	584.1
162.5°	593.7	593.1	592.5	591.8	591.2	590.9	591.0	591.1	591.2	591.3	591.4
165°	600.0	599.4	598.8	598.2	597.6	597.3	597.4	597.5	597.6	597.7	597.8
167.5°	605.0	604.4	603.8	603.2	602.6	602.3	602.4	602.5	602.6	602.7	602.8
170°	609.1	608.4	607.7	607.0	606.3	605.9	606.0	606.1	606.2	606.3	606.4
172.5°	611.9	611.2	610.5	609.8	609.1	608.7	608.8	609.0	609.2	609.4	609.6
175°	613.7	613.1	612.5	611.8	611.2	610.9	611.0	611.1	611.2	611.3	611.4
177.5°	615.0	614.4	613.8	613.2	612.6	612.3	612.4	612.5	612.6	612.7	612.8
180°	613.7	613.7	613.7	613.7	613.7	613.7	613.7	613.7	613.7	613.7	613.7

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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	886.3	886.3	886.3	886.3	886.3	886.3	886.3	886.3	886.3	886.3	886.3
2.5°	926.9	932.2	936.7	940.5	943.5	948.0	945.0	945.7	947.2	950.2	950.2
5°	987.1	995.4	999.9	1015.0	1018.7	1018.0	1015.7	1027.7	1027.0	1022.5	1021.7
7.5°	1045.8	1060.1	1072.9	1084.9	1088.7	1098.5	1100.7	1106.0	1104.5	1112.0	1108.2
10°	1099.2	1121.8	1133.8	1151.9	1156.4	1160.9	1166.9	1169.9	1176.7	1176.0	1176.0
12.5°	1140.6	1167.7	1183.5	1188.0	1205.3	1210.6	1215.8	1225.6	1223.4	1224.1	1228.6
15°	1173.0	1199.3	1212.8	1233.9	1245.9	1252.0	1261.0	1271.5	1270.0	1276.8	1275.3
17.5°	1197.0	1221.9	1246.7	1278.3	1279.0	1294.8	1315.9	1320.4	1330.2	1323.4	1323.4
20°	1216.6	1249.7	1285.1	1325.7	1330.2	1340.0	1365.6	1382.9	1394.1	1390.4	1392.6
22.5°	1237.7	1285.1	1326.4	1367.1	1388.9	1406.2	1431.0	1458.1	1467.9	1473.9	1472.4
25°	1264.7	1314.4	1375.3	1431.8	1454.3	1487.4	1520.5	1546.9	1554.4	1571.0	1555.9
27.5°	1292.6	1362.5	1438.5	1504.7	1533.3	1560.4	1600.3	1619.9	1629.6	1637.2	1631.9
30°	1315.9	1412.2	1495.0	1555.9	1576.2	1592.0	1614.6	1619.1	1615.3	1621.4	1628.9
32.5°	1352.0	1446.1	1516.0	1545.4	1543.1	1542.4	1525.1	1501.0	1495.7	1481.4	1501.0
35°	1371.6	1446.8	1473.9	1434.8	1419.0	1390.4	1335.5	1299.3	1267.7	1261.0	1262.5
37.5°	1360.3	1389.6	1357.3	1254.2	1228.6	1185.0	1112.0	1060.8	1037.5	1019.5	1042.8
40°	1299.3	1267.0	1178.2	1052.6	1015.7	974.3	905.9	878.0	844.9	838.1	869.0
42.5°	1198.5	1100.0	974.3	877.3	838.9	815.6	758.4	732.1	708.7	698.2	715.5
45°	1061.6	942.0	815.6	735.8	703.5	675.6	641.8	613.9	598.9	594.4	608.7
47.5°	920.2	793.8	692.9	633.5	599.6	578.6	547.0	531.2	519.1	520.6	522.9
50°	784.7	669.6	592.1	532.7	516.1	499.6	478.5	465.0	458.9	461.2	459.7
52.5°	668.1	574.8	509.4	463.5	455.9	440.1	422.8	411.5	409.3	410.0	412.3
55°	565.8	492.8	440.9	407.8	399.5	388.2	377.7	370.2	364.1	366.4	365.7
57.5°	488.3	424.3	384.5	357.4	351.4	344.6	334.8	331.0	328.8	324.3	328.0
60°	419.8	367.9	333.3	316.7	311.5	307.0	296.4	291.9	290.4	288.2	294.2
62.5°	355.1	318.3	291.9	276.9	271.6	267.1	261.8	258.1	258.8	255.8	258.8
65°	304.0	273.9	255.1	241.5	234.7	231.7	231.0	225.0	224.2	225.0	225.7
67.5°	256.6	231.0	216.7	208.4	203.1	200.1	197.9	194.1	197.1	194.9	196.4
70°	213.7	196.4	181.3	173.0	170.8	171.5	167.8	166.3	167.0	165.5	167.0
72.5°	172.3	158.0	152.0	146.0	143.0	142.2	139.9	137.7	139.9	139.2	139.2
75°	137.7	127.2	120.4	116.6	116.6	115.1	111.4	111.4	111.4	110.6	111.4
77.5°	106.1	97.1	94.0	90.3	90.3	88.0	87.3	87.3	85.8	88.0	86.5
80°	79.0	72.2	67.7	65.5	65.5	64.7	63.2	62.4	63.2	62.4	62.4
82.5°	51.2	48.2	45.9	43.6	42.9	43.6	42.9	41.4	42.1	41.4	42.9
85°	29.3	26.3	26.3	24.8	25.6	24.1	24.8	23.3	22.6	24.8	23.3
87.5°	12.8	12.0	12.0	10.5	10.5	10.5	9.8	10.5	9.8	9.0	9.8
90°	7.8	8.3	8.8	9.3	9.6	9.7	10.0	10.3	10.6	10.9	10.6
92.5°	7.8	8.3	8.8	9.3	9.6	9.6	9.7	9.8	9.9	10.0	9.9
95°	7.8	8.3	8.8	9.3	9.6	9.6	9.6	9.6	9.6	9.6	9.6
97.5°	8.4	8.6	8.8	9.0	9.1	9.2	9.3	9.4	9.5	9.6	9.5
100°	64.1	49.1	34.0	18.9	11.4	11.2	10.8	10.4	10.0	9.6	10.0
102.5°	106.6	106.8	107.1	107.3	107.4	103.1	94.6	86.1	77.6	69.1	77.6
105°	135.6	135.6	135.6	135.6	135.6	135.5	135.4	135.3	135.2	135.1	135.2
107.5°	165.7	165.8	165.9	166.0	166.0	165.8	165.4	165.0	164.6	164.2	164.6
110°	195.3	195.0	194.7	194.4	194.2	194.3	194.4	194.5	194.6	194.7	194.6

TEST NUMBER: P1035485

CATALOG NUMBER: S125DIW-B610D470UB40-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	224.3	223.9	223.5	223.1	222.9	222.8	222.6	222.4	222.2	222.0	222.2
115°	253.4	253.0	252.6	252.2	252.0	251.7	251.1	250.5	249.9	249.3	249.9
117.5°	281.9	281.3	280.7	280.1	279.8	279.7	279.5	279.3	279.1	278.9	279.1
120°	308.7	308.5	308.3	308.1	308.0	307.7	307.2	306.7	306.2	305.7	306.2
122.5°	334.6	334.4	334.2	334.0	333.9	333.6	333.0	332.4	331.8	331.2	331.8
125°	359.9	359.5	359.1	358.7	358.5	358.3	358.0	357.7	357.4	357.1	357.4
127.5°	382.8	382.6	382.4	382.2	382.1	381.7	380.9	380.1	379.3	378.5	379.3
130°	405.5	405.2	404.9	404.6	404.4	404.1	403.6	403.1	402.6	402.1	402.6
132.5°	426.3	426.3	426.3	426.3	426.3	426.0	425.5	425.0	424.5	424.0	424.5
135°	447.0	446.8	446.6	446.4	446.3	446.0	445.4	444.7	444.1	443.5	444.1
137.5°	466.3	466.3	466.3	466.3	466.3	466.0	465.5	465.0	464.5	464.0	464.5
140°	483.8	484.0	484.2	484.4	484.5	484.2	483.6	483.0	482.4	481.8	482.4
142.5°	501.3	501.3	501.3	501.3	501.3	501.0	500.4	499.8	499.2	498.6	499.2
145°	517.3	517.4	517.5	517.6	517.7	517.4	516.8	516.2	515.6	515.0	515.6
147.5°	531.4	531.5	531.6	531.7	531.8	531.4	530.7	530.0	529.3	528.6	529.3
150°	544.7	544.9	545.1	545.3	545.4	545.0	544.2	543.4	542.6	541.8	542.6
152.5°	556.6	556.8	557.0	557.2	557.3	556.9	556.2	555.5	554.8	554.1	554.8
155°	567.1	567.4	567.7	568.0	568.2	567.8	567.0	566.1	565.3	564.5	565.3
157.5°	576.2	576.5	576.8	577.1	577.3	576.9	576.1	575.2	574.4	573.6	574.4
160°	584.5	584.9	585.3	585.7	585.9	585.5	584.7	583.9	583.1	582.3	583.1
162.5°	592.0	592.6	593.2	593.8	594.1	593.6	592.7	591.8	590.9	590.0	590.9
165°	598.4	599.0	599.6	600.2	600.5	600.1	599.3	598.4	597.6	596.8	597.6
167.5°	603.5	604.2	604.9	605.6	605.9	605.5	604.6	603.7	602.8	601.9	602.8
170°	607.2	608.0	608.8	609.6	610.0	609.5	608.6	607.7	606.8	605.9	606.8
172.5°	610.3	611.0	611.7	612.4	612.8	612.3	611.4	610.5	609.6	608.7	609.6
175°	612.2	613.0	613.8	614.6	615.0	614.5	613.6	612.7	611.8	610.9	611.8
177.5°	613.5	614.2	614.9	615.6	616.0	615.6	614.8	613.9	613.1	612.3	613.1
180°	613.7	613.7	613.7	613.7	613.7	613.7	613.7	613.7	613.7	613.7	613.7

TEST NUMBER: P1035485

CATALOG NUMBER: S125DIW-B610D470UB40-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	886.3	886.3	886.3	886.3	886.3	886.3	886.3	886.3	886.3	886.3	886.3
2.5°	948.7	943.5	945.0	943.5	939.7	937.5	931.4	923.9	920.9	917.1	914.9
5°	1024.7	1021.0	1020.2	1014.2	1012.7	1003.7	988.6	981.1	972.1	963.0	954.0
7.5°	1107.5	1103.0	1087.9	1085.7	1087.2	1075.9	1056.3	1041.3	1022.5	1009.7	992.4
10°	1176.0	1166.9	1154.1	1154.9	1149.6	1134.6	1115.0	1099.2	1072.1	1055.6	1030.8
12.5°	1217.3	1209.8	1208.3	1200.8	1196.3	1176.7	1153.4	1133.1	1112.8	1090.2	1071.4
15°	1267.7	1258.0	1251.2	1240.7	1237.7	1217.3	1191.8	1168.4	1145.1	1124.0	1084.2
17.5°	1323.4	1312.9	1287.3	1285.1	1267.0	1247.4	1222.6	1188.0	1163.2	1133.1	1103.7
20°	1386.6	1371.6	1338.5	1330.2	1315.9	1283.5	1249.7	1211.3	1171.4	1140.6	1106.0
22.5°	1457.3	1431.0	1406.9	1380.6	1370.1	1330.2	1283.5	1236.9	1188.8	1146.6	1105.2
25°	1549.1	1514.5	1480.7	1454.3	1436.3	1384.4	1321.9	1260.2	1204.6	1149.6	1095.5
27.5°	1621.4	1591.3	1554.4	1519.8	1496.5	1434.8	1363.3	1283.5	1214.3	1147.4	1089.4
30°	1626.6	1617.6	1595.0	1576.2	1550.6	1484.4	1405.4	1315.1	1229.4	1148.1	1077.4
32.5°	1528.1	1546.1	1555.9	1558.9	1553.7	1515.3	1443.1	1343.7	1242.9	1141.4	1066.9
35°	1315.9	1364.1	1423.5	1446.1	1467.9	1488.2	1450.6	1364.1	1247.4	1139.8	1050.3
37.5°	1083.4	1127.1	1225.6	1270.8	1296.3	1376.8	1407.7	1361.0	1256.5	1141.4	1034.5
40°	874.3	943.5	1014.2	1075.1	1115.0	1205.3	1300.9	1311.4	1243.7	1127.1	1014.2
42.5°	735.8	776.4	829.9	886.3	921.7	1028.5	1157.9	1233.9	1203.8	1103.7	989.4
45°	626.7	656.8	707.2	726.0	771.2	873.5	1010.4	1120.3	1135.3	1066.9	960.8
47.5°	537.9	563.5	595.9	619.2	655.3	732.1	847.9	969.1	1041.3	1016.5	920.9
50°	474.0	495.1	522.1	535.7	559.0	628.2	715.5	835.9	932.9	941.2	869.0
52.5°	420.6	432.6	453.7	468.7	487.5	529.7	608.7	708.0	817.1	862.2	805.0
55°	373.9	383.7	402.5	412.3	422.1	458.2	519.9	610.2	712.5	771.9	739.6
57.5°	331.8	340.1	355.9	364.9	370.2	404.8	452.2	522.9	614.7	686.9	668.9
60°	297.2	304.7	313.7	320.5	326.5	355.1	388.2	445.4	527.4	597.4	592.9
62.5°	260.3	267.1	276.9	283.6	288.9	307.0	334.8	378.4	448.4	513.1	525.9
65°	228.0	233.2	240.0	243.0	249.8	263.3	285.9	325.0	382.2	440.1	449.2
67.5°	198.6	200.1	204.6	211.4	212.9	225.0	245.3	274.6	319.0	366.4	380.7
70°	167.0	169.3	173.0	178.3	181.3	188.8	206.2	225.7	264.1	305.5	316.0
72.5°	139.2	142.2	143.7	146.7	148.2	160.3	167.8	187.3	213.7	248.3	259.6
75°	112.9	115.9	116.6	118.1	119.6	124.9	135.4	147.5	169.3	191.9	206.9
77.5°	89.5	88.8	90.3	92.5	91.8	96.3	103.1	113.6	127.9	146.7	156.5
80°	63.2	63.2	65.5	67.7	67.0	71.5	73.7	81.3	93.3	105.3	109.1
82.5°	42.1	42.1	44.4	44.4	45.9	46.6	49.7	53.4	63.2	69.2	71.5
85°	24.1	24.1	24.8	24.8	24.8	26.3	28.6	30.1	33.1	36.9	38.4
87.5°	9.8	10.5	10.5	10.5	10.5	12.0	12.0	13.5	14.3	15.8	15.8
90°	10.3	10.0	9.7	9.6	9.3	8.8	8.3	7.8	7.3	6.6	5.9
92.5°	9.8	9.7	9.6	9.6	9.3	8.8	8.3	7.8	7.3	6.7	6.1
95°	9.6	9.6	9.6	9.6	9.3	8.8	8.3	7.8	7.3	11.1	15.0
97.5°	9.4	9.3	9.2	9.1	9.0	8.8	8.6	8.4	8.2	17.8	27.4
100°	10.4	10.8	11.2	11.4	18.9	34.0	49.1	64.1	79.2	78.8	78.4
102.5°	86.1	94.6	103.1	107.4	107.3	107.1	106.8	106.6	106.4	106.2	106.0
105°	135.3	135.4	135.5	135.6	135.6	135.6	135.6	135.6	135.6	135.6	135.6
107.5°	165.0	165.4	165.8	166.0	166.0	165.9	165.8	165.7	165.6	165.4	165.2
110°	194.5	194.4	194.3	194.2	194.4	194.7	195.0	195.3	195.6	195.4	195.2

TEST NUMBER: P1035485

CATALOG NUMBER: S125DIW-B610D470UB40-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	222.4	222.6	222.8	222.9	223.1	223.5	223.9	224.3	224.7	224.6	224.5
115°	250.5	251.1	251.7	252.0	252.2	252.6	253.0	253.4	253.8	253.7	253.6
117.5°	279.3	279.5	279.7	279.8	280.1	280.7	281.3	281.9	282.5	282.1	281.7
120°	306.7	307.2	307.7	308.0	308.1	308.3	308.5	308.7	308.9	308.6	308.3
122.5°	332.4	333.0	333.6	333.9	334.0	334.2	334.4	334.6	334.8	334.7	334.6
125°	357.7	358.0	358.3	358.5	358.7	359.1	359.5	359.9	360.3	360.3	360.3
127.5°	380.1	380.9	381.7	382.1	382.2	382.4	382.6	382.8	383.0	383.1	383.2
130°	403.1	403.6	404.1	404.4	404.6	404.9	405.2	405.5	405.8	405.7	405.6
132.5°	425.0	425.5	426.0	426.3	426.3	426.3	426.3	426.3	426.3	426.6	426.9
135°	444.7	445.4	446.0	446.3	446.4	446.6	446.8	447.0	447.2	447.4	447.6
137.5°	465.0	465.5	466.0	466.3	466.3	466.3	466.3	466.3	466.3	466.5	466.7
140°	483.0	483.6	484.2	484.5	484.4	484.2	484.0	483.8	483.6	483.7	483.8
142.5°	499.8	500.4	501.0	501.3	501.3	501.3	501.3	501.3	501.3	501.1	500.9
145°	516.2	516.8	517.4	517.7	517.6	517.5	517.4	517.3	517.2	517.2	517.2
147.5°	530.0	530.7	531.4	531.8	531.7	531.6	531.5	531.4	531.3	531.2	531.1
150°	543.4	544.2	545.0	545.4	545.3	545.1	544.9	544.7	544.5	544.3	544.1
152.5°	555.5	556.2	556.9	557.3	557.2	557.0	556.8	556.6	556.4	556.2	556.0
155°	566.1	567.0	567.8	568.2	568.0	567.7	567.4	567.1	566.8	566.6	566.4
157.5°	575.2	576.1	576.9	577.3	577.1	576.8	576.5	576.2	575.9	575.9	575.9
160°	583.9	584.7	585.5	585.9	585.7	585.3	584.9	584.5	584.1	584.0	583.9
162.5°	591.8	592.7	593.6	594.1	593.8	593.2	592.6	592.0	591.4	591.3	591.2
165°	598.4	599.3	600.1	600.5	600.2	599.6	599.0	598.4	597.8	597.7	597.6
167.5°	603.7	604.6	605.5	605.9	605.6	604.9	604.2	603.5	602.8	602.7	602.6
170°	607.7	608.6	609.5	610.0	609.6	608.8	608.0	607.2	606.4	606.3	606.2
172.5°	610.5	611.4	612.3	612.8	612.4	611.7	611.0	610.3	609.6	609.4	609.2
175°	612.7	613.6	614.5	615.0	614.6	613.8	613.0	612.2	611.4	611.3	611.2
177.5°	613.9	614.8	615.6	616.0	615.6	614.9	614.2	613.5	612.8	612.7	612.6
180°	613.7	613.7	613.7	613.7	613.7	613.7	613.7	613.7	613.7	613.7	613.7

TEST NUMBER: P1035485

CATALOG NUMBER: S125DIW-B610D470UB40-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
0°	886.3	886.3	886.3	886.3	886.3	886.3	886.3	886.3	886.3	886.3	886.3
2.5°	911.9	908.1	903.6	903.6	898.3	896.1	891.6	890.1	886.3	880.3	875.8
5°	944.2	934.4	928.4	923.2	911.9	903.6	895.3	886.3	877.3	866.7	854.7
7.5°	975.8	957.8	949.5	940.5	923.9	906.6	890.1	878.0	866.0	849.4	834.4
10°	1008.9	986.4	971.3	959.3	933.7	911.9	887.8	870.5	851.7	830.6	811.1
12.5°	1036.8	1007.4	994.6	972.1	942.7	916.4	886.3	860.0	835.1	810.3	786.2
15°	1060.1	1032.3	1000.7	991.6	951.0	913.4	879.5	845.7	814.8	790.0	762.2
17.5°	1067.6	1032.3	1016.5	994.6	946.5	907.4	864.5	827.6	798.3	761.4	739.6
20°	1069.9	1036.0	1014.2	993.9	951.0	899.1	857.0	811.8	776.4	739.6	705.0
22.5°	1063.9	1024.0	1002.9	983.4	935.2	890.8	841.9	792.2	750.9	717.0	682.4
25°	1052.6	1005.9	985.6	964.5	918.6	869.7	816.3	768.9	730.6	689.9	656.1
27.5°	1037.5	984.1	960.8	939.0	893.8	847.9	797.5	748.6	705.7	662.8	631.2
30°	1018.7	957.0	936.0	907.4	863.7	820.1	774.2	725.3	677.1	636.5	601.9
32.5°	994.6	929.9	902.1	875.0	827.6	787.7	744.1	698.2	651.6	611.7	575.6
35°	972.8	899.1	868.2	841.2	788.5	746.4	710.2	667.4	626.0	584.6	552.2
37.5°	943.5	868.2	831.4	803.5	750.1	707.2	673.4	640.3	596.6	556.8	526.7
40°	912.6	829.9	795.3	767.4	711.7	665.1	632.7	603.4	568.0	531.2	499.6
42.5°	884.8	793.0	756.1	722.3	665.9	624.5	591.4	568.8	536.4	503.3	474.7
45°	849.4	753.9	714.0	678.6	624.5	579.3	547.7	529.7	505.6	473.2	448.4
47.5°	813.3	711.7	670.4	635.8	577.1	537.2	506.3	489.0	472.5	446.9	422.1
50°	765.9	667.4	629.7	589.9	531.9	491.3	465.7	448.4	435.6	417.6	396.5
52.5°	714.0	621.5	580.8	546.2	489.0	452.2	422.8	413.1	400.3	386.7	368.7
55°	659.1	571.8	532.7	498.8	446.2	408.5	384.5	373.9	364.1	353.6	341.6
57.5°	604.2	519.9	483.0	452.9	404.0	367.9	348.3	334.1	327.3	321.3	311.5
60°	535.7	464.2	435.6	408.5	360.4	327.3	308.5	297.9	291.9	288.9	284.4
62.5°	475.5	416.8	385.2	358.9	320.5	291.2	273.1	264.8	259.6	258.1	252.8
65°	411.5	361.1	336.3	313.7	280.6	254.3	239.3	229.5	225.7	225.0	225.0
67.5°	351.4	310.7	285.9	270.1	241.5	218.2	203.9	200.1	197.9	194.9	194.1
70°	294.9	262.6	240.8	227.2	201.6	184.3	173.0	167.0	167.0	164.8	163.3
72.5°	245.3	212.9	198.6	187.3	166.3	151.2	143.0	141.4	136.2	135.4	135.4
75°	191.9	167.8	158.0	148.2	132.4	121.9	115.1	111.4	108.3	108.3	109.1
77.5°	144.5	127.9	118.9	111.4	100.1	93.3	88.0	86.5	83.5	83.5	83.5
80°	102.3	93.3	86.5	80.5	72.2	66.2	63.2	60.2	60.2	59.4	60.2
82.5°	66.2	58.7	54.9	54.2	46.6	44.4	40.6	41.4	39.1	38.4	39.9
85°	38.4	34.6	30.1	28.6	25.6	22.6	21.1	21.8	21.1	20.3	21.1
87.5°	15.0	12.8	12.0	12.0	9.8	9.0	8.3	9.0	7.5	7.5	8.3
90°	5.2	4.5	4.1	3.7	2.9	2.1	1.3	0.5	1.3	2.1	2.9
92.5°	5.4	4.8	4.5	5.0	5.9	6.8	7.7	8.6	7.7	6.8	5.9
95°	18.8	22.7	24.6	24.7	25.0	25.3	25.6	25.9	25.6	25.3	25.0
97.5°	37.0	46.6	51.4	51.1	50.5	49.9	49.3	48.7	49.3	49.9	50.5
100°	77.9	77.5	77.3	77.2	76.9	76.6	76.3	76.0	76.3	76.6	76.9
102.5°	105.8	105.6	105.5	105.3	104.9	104.5	104.1	103.7	104.1	104.5	104.9
105°	135.6	135.6	135.6	135.4	135.0	134.5	134.1	133.7	134.1	134.5	135.0
107.5°	165.0	164.8	164.7	164.7	164.7	164.7	164.7	164.7	164.7	164.7	164.7
110°	195.0	194.8	194.7	194.7	194.7	194.7	194.7	194.7	194.7	194.7	194.7

TEST NUMBER: P1035485

CATALOG NUMBER: S125DIW-B610D470UB40-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
112.5°	224.4	224.3	224.3	224.1	223.8	223.5	223.2	222.9	223.2	223.5	223.8
115°	253.5	253.4	253.4	253.1	252.6	252.1	251.6	251.1	251.6	252.1	252.6
117.5°	281.3	280.9	280.7	280.7	280.7	280.7	280.7	280.7	280.7	280.7	280.7
120°	308.0	307.7	307.5	307.6	307.7	307.8	307.9	308.0	307.9	307.8	307.7
122.5°	334.5	334.4	334.4	334.1	333.6	333.1	332.6	332.1	332.6	333.1	333.6
125°	360.3	360.3	360.3	359.9	359.2	358.5	357.8	357.1	357.8	358.5	359.2
127.5°	383.3	383.4	383.5	383.2	382.7	382.2	381.7	381.2	381.7	382.2	382.7
130°	405.5	405.4	405.3	405.1	404.6	404.1	403.6	403.1	403.6	404.1	404.6
132.5°	427.2	427.5	427.6	427.3	426.7	426.1	425.5	424.9	425.5	426.1	426.7
135°	447.8	448.0	448.1	447.8	447.2	446.6	446.0	445.4	446.0	446.6	447.2
137.5°	466.9	467.1	467.2	466.9	466.3	465.7	465.1	464.5	465.1	465.7	466.3
140°	483.9	484.0	484.0	483.9	483.7	483.5	483.3	483.1	483.3	483.5	483.7
142.5°	500.7	500.5	500.4	500.3	500.2	500.1	500.0	499.9	500.0	500.1	500.2
145°	517.2	517.2	517.2	517.1	516.9	516.7	516.5	516.3	516.5	516.7	516.9
147.5°	531.0	530.9	530.9	530.9	530.9	530.9	530.9	530.9	530.9	530.9	530.9
150°	543.9	543.7	543.6	543.7	543.9	544.1	544.3	544.5	544.3	544.1	543.9
152.5°	555.7	555.5	555.4	555.7	556.2	556.7	557.2	557.7	557.2	556.7	556.2
155°	566.2	566.0	565.9	566.2	566.8	567.4	568.0	568.6	568.0	567.4	566.8
157.5°	575.9	575.9	575.9	576.1	576.4	576.7	577.0	577.3	577.0	576.7	576.4
160°	583.8	583.7	583.7	584.0	584.6	585.2	585.8	586.4	585.8	585.2	584.6
162.5°	591.1	591.0	590.9	591.2	591.8	592.5	593.1	593.7	593.1	592.5	591.8
165°	597.5	597.4	597.3	597.6	598.2	598.8	599.4	600.0	599.4	598.8	598.2
167.5°	602.5	602.4	602.3	602.6	603.2	603.8	604.4	605.0	604.4	603.8	603.2
170°	606.1	606.0	605.9	606.3	607.0	607.7	608.4	609.1	608.4	607.7	607.0
172.5°	609.0	608.8	608.7	609.1	609.8	610.5	611.2	611.9	611.2	610.5	609.8
175°	611.1	611.0	610.9	611.2	611.8	612.5	613.1	613.7	613.1	612.5	611.8
177.5°	612.5	612.4	612.3	612.6	613.2	613.8	614.4	615.0	614.4	613.8	613.2
180°	613.7	613.7	613.7	613.7	613.7	613.7	613.7	613.7	613.7	613.7	613.7

TEST NUMBER: P1035485

CATALOG NUMBER: S125DIW-B610D470UB40-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
0°	886.3	886.3	886.3	886.3	886.3	886.3	886.3	886.3	886.3	886.3	886.3
2.5°	874.3	872.8	869.0	866.7	859.2	850.2	847.2	839.6	842.7	837.4	837.4
5°	850.9	844.2	839.6	832.9	818.6	808.8	798.3	793.0	790.0	786.2	783.2
7.5°	820.8	815.6	811.1	798.3	782.5	768.9	756.1	750.9	741.1	734.3	731.3
10°	794.5	787.0	776.4	761.4	744.9	727.5	716.3	705.0	697.5	693.7	685.4
12.5°	767.4	758.4	747.1	725.3	707.2	696.7	676.4	665.9	662.1	659.1	649.3
15°	739.6	729.8	716.3	695.9	680.1	655.3	643.3	635.0	626.0	625.2	617.7
17.5°	714.8	702.7	691.4	666.6	647.0	625.2	618.5	609.4	601.1	592.1	588.4
20°	683.2	671.9	663.6	636.5	614.7	601.1	589.9	582.3	577.1	568.0	566.5
22.5°	654.6	642.5	631.2	610.9	592.1	574.8	561.3	553.0	550.7	547.0	540.2
25°	626.7	614.7	601.1	582.3	562.8	550.7	538.7	533.4	528.9	522.9	517.6
27.5°	603.4	592.1	579.3	556.0	539.5	530.4	517.6	511.6	505.6	502.6	500.3
30°	575.6	562.8	553.0	534.9	516.9	504.8	495.8	490.5	485.3	482.3	480.8
32.5°	548.5	536.4	529.7	510.1	495.8	481.5	474.7	471.0	468.0	465.0	462.0
35°	526.7	514.6	504.1	486.0	471.7	462.0	456.7	450.7	448.4	445.4	445.4
37.5°	499.6	490.5	480.0	462.7	449.9	442.4	437.9	430.4	429.6	428.1	425.8
40°	476.3	467.2	457.4	442.4	431.1	422.1	416.1	412.3	410.0	408.5	407.0
42.5°	451.4	441.6	437.1	419.8	410.0	401.0	398.0	394.2	393.5	390.5	386.7
45°	427.3	419.1	410.0	397.3	389.0	381.5	376.9	373.9	370.2	369.4	367.2
47.5°	406.3	396.5	388.2	376.2	367.2	361.1	357.4	353.6	350.6	348.3	346.1
50°	379.2	371.7	364.9	352.1	344.6	338.6	333.3	330.3	327.3	327.3	327.3
52.5°	352.9	346.1	340.1	331.0	322.0	316.7	310.7	308.5	307.0	304.7	307.0
55°	327.3	320.5	314.5	307.7	297.2	292.7	286.7	284.4	285.1	285.1	287.4
57.5°	300.2	294.9	291.2	282.9	273.1	268.6	264.8	262.6	262.6	265.6	266.3
60°	273.9	268.6	261.8	254.3	248.3	243.0	240.8	241.5	241.5	243.0	246.8
62.5°	244.5	241.5	237.8	227.2	223.5	219.7	216.7	218.9	218.2	222.0	227.2
65°	217.4	214.4	209.2	203.9	199.4	195.6	194.9	195.6	197.1	200.9	206.9
67.5°	187.3	187.3	182.8	178.3	174.6	170.8	171.5	172.3	173.8	178.3	187.3
70°	162.5	159.5	155.0	152.0	149.0	147.5	146.0	149.0	153.5	156.5	163.3
72.5°	135.4	133.2	129.4	126.4	125.6	124.1	123.4	124.9	129.4	134.7	142.2
75°	106.8	107.6	105.3	103.1	103.1	100.8	102.3	102.3	106.8	112.1	118.1
77.5°	82.8	82.0	81.3	79.8	79.0	79.0	79.0	80.5	85.0	88.0	94.0
80°	58.7	59.4	57.2	57.9	57.2	57.9	57.9	60.9	63.2	67.0	71.5
82.5°	39.1	39.1	37.6	38.4	38.4	38.4	39.1	40.6	43.6	46.6	49.7
85°	21.8	22.6	21.1	22.6	22.6	22.6	23.3	24.1	26.3	27.1	30.1
87.5°	8.3	9.8	9.8	8.3	9.0	9.8	10.5	9.8	11.3	12.8	13.5
90°	3.7	4.1	4.5	5.2	5.9	6.6	7.3	7.8	8.3	8.8	9.3
92.5°	5.0	4.5	4.8	5.4	6.1	6.7	7.3	7.8	8.3	8.8	9.3
95°	24.7	24.6	22.7	18.8	15.0	11.1	7.3	7.8	8.3	8.8	9.3
97.5°	51.1	51.4	46.6	37.0	27.4	17.8	8.2	8.4	8.6	8.8	9.0
100°	77.2	77.3	77.5	77.9	78.4	78.8	79.2	64.1	49.1	34.0	18.9
102.5°	105.3	105.5	105.6	105.8	106.0	106.2	106.4	106.6	106.8	107.1	107.3
105°	135.4	135.6	135.6	135.6	135.6	135.6	135.6	135.6	135.6	135.6	135.6
107.5°	164.7	164.7	164.8	165.0	165.2	165.4	165.6	165.7	165.8	165.9	166.0
110°	194.7	194.7	194.8	195.0	195.2	195.4	195.6	195.3	195.0	194.7	194.4

TEST NUMBER: P1035485

CATALOG NUMBER: S125DIW-B610D470UB40-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
112.5°	224.1	224.3	224.3	224.4	224.5	224.6	224.7	224.3	223.9	223.5	223.1
115°	253.1	253.4	253.4	253.5	253.6	253.7	253.8	253.4	253.0	252.6	252.2
117.5°	280.7	280.7	280.9	281.3	281.7	282.1	282.5	281.9	281.3	280.7	280.1
120°	307.6	307.5	307.7	308.0	308.3	308.6	308.9	308.7	308.5	308.3	308.1
122.5°	334.1	334.4	334.4	334.5	334.6	334.7	334.8	334.6	334.4	334.2	334.0
125°	359.9	360.3	360.3	360.3	360.3	360.3	360.3	359.9	359.5	359.1	358.7
127.5°	383.2	383.5	383.4	383.3	383.2	383.1	383.0	382.8	382.6	382.4	382.2
130°	405.1	405.3	405.4	405.5	405.6	405.7	405.8	405.5	405.2	404.9	404.6
132.5°	427.3	427.6	427.5	427.2	426.9	426.6	426.3	426.3	426.3	426.3	426.3
135°	447.8	448.1	448.0	447.8	447.6	447.4	447.2	447.0	446.8	446.6	446.4
137.5°	466.9	467.2	467.1	466.9	466.7	466.5	466.3	466.3	466.3	466.3	466.3
140°	483.9	484.0	484.0	483.9	483.8	483.7	483.6	483.8	484.0	484.2	484.4
142.5°	500.3	500.4	500.5	500.7	500.9	501.1	501.3	501.3	501.3	501.3	501.3
145°	517.1	517.2	517.2	517.2	517.2	517.2	517.2	517.3	517.4	517.5	517.6
147.5°	530.9	530.9	530.9	531.0	531.1	531.2	531.3	531.4	531.5	531.6	531.7
150°	543.7	543.6	543.7	543.9	544.1	544.3	544.5	544.7	544.9	545.1	545.3
152.5°	555.7	555.4	555.5	555.7	556.0	556.2	556.4	556.6	556.8	557.0	557.2
155°	566.2	565.9	566.0	566.2	566.4	566.6	566.8	567.1	567.4	567.7	568.0
157.5°	576.1	575.9	575.9	575.9	575.9	575.9	575.9	576.2	576.5	576.8	577.1
160°	584.0	583.7	583.7	583.8	583.9	584.0	584.1	584.5	584.9	585.3	585.7
162.5°	591.2	590.9	591.0	591.1	591.2	591.3	591.4	592.0	592.6	593.2	593.8
165°	597.6	597.3	597.4	597.5	597.6	597.7	597.8	598.4	599.0	599.6	600.2
167.5°	602.6	602.3	602.4	602.5	602.6	602.7	602.8	603.5	604.2	604.9	605.6
170°	606.3	605.9	606.0	606.1	606.2	606.3	606.4	607.2	608.0	608.8	609.6
172.5°	609.1	608.7	608.8	609.0	609.2	609.4	609.6	610.3	611.0	611.7	612.4
175°	611.2	610.9	611.0	611.1	611.2	611.3	611.4	612.2	613.0	613.8	614.6
177.5°	612.6	612.3	612.4	612.5	612.6	612.7	612.8	613.5	614.2	614.9	615.6
180°	613.7	613.7	613.7	613.7	613.7	613.7	613.7	613.7	613.7	613.7	613.7

TEST NUMBER: P1035485

CATALOG NUMBER: S125DIW-B610D470UB40-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
0°	886.3	886.3	886.3	886.3	886.3	886.3	886.3	886.3	886.3	886.3	886.3
2.5°	840.4	835.1	834.4	835.9	832.9	837.4	835.9	837.4	833.6	837.4	835.1
5°	782.5	781.0	778.0	774.2	774.9	775.7	779.5	775.7	778.7	779.5	783.2
7.5°	728.3	725.3	727.5	726.0	719.3	717.8	719.3	721.5	726.0	729.1	731.3
10°	684.7	683.2	680.1	677.9	674.1	671.9	674.9	671.9	677.9	683.2	683.2
12.5°	651.6	645.5	641.8	641.0	632.7	634.3	637.3	639.5	646.3	649.3	649.3
15°	616.9	612.4	610.9	607.9	604.9	607.9	606.4	608.7	611.7	614.7	616.2
17.5°	586.9	586.1	586.9	579.3	581.6	577.8	578.6	582.3	580.1	582.3	586.9
20°	559.8	561.3	559.0	556.0	556.0	551.5	556.8	555.3	556.0	560.5	567.3
22.5°	539.5	538.7	536.4	534.2	531.2	531.9	532.7	531.2	537.2	541.0	541.7
25°	517.6	516.1	515.4	513.1	510.1	513.1	512.4	513.1	514.6	520.6	516.1
27.5°	497.3	494.3	495.8	493.6	492.8	493.6	493.6	494.3	495.8	496.6	497.3
30°	480.0	477.0	476.3	474.7	474.0	474.7	476.3	474.7	480.8	480.0	480.0
32.5°	461.2	458.9	457.4	457.4	456.7	455.9	456.7	457.4	462.0	458.9	462.0
35°	443.1	441.6	441.6	440.1	439.4	439.4	439.4	442.4	440.9	443.1	443.1
37.5°	425.8	425.8	425.1	423.6	422.8	423.6	422.8	424.3	423.6	424.3	425.1
40°	407.8	406.3	405.5	405.5	403.3	401.0	403.3	403.3	404.0	406.3	407.0
42.5°	386.0	386.7	386.7	383.7	383.7	383.7	384.5	385.2	385.2	386.7	386.7
45°	367.2	365.7	365.7	365.7	364.1	364.9	366.4	366.4	366.4	366.4	364.9
47.5°	346.1	346.1	346.8	346.8	349.1	348.3	348.3	347.6	346.1	346.1	346.8
50°	326.5	328.8	329.5	329.5	330.3	331.0	331.0	329.5	328.8	326.5	326.5
52.5°	307.7	309.2	310.7	313.0	314.5	313.7	313.7	312.2	309.2	308.5	307.7
55°	287.4	289.7	292.7	294.9	297.2	297.9	297.9	294.9	291.9	288.2	288.2
57.5°	268.6	270.9	276.1	278.4	281.4	281.4	279.9	277.6	273.1	270.1	267.8
60°	249.8	253.5	257.3	261.8	265.6	266.3	264.1	261.1	255.8	252.0	249.0
62.5°	229.5	233.2	240.8	245.3	248.3	248.3	248.3	244.5	237.8	232.5	228.0
65°	209.9	213.7	220.4	226.5	228.7	231.0	228.7	225.0	219.7	213.7	209.2
67.5°	189.6	194.1	200.9	205.4	208.4	210.7	209.2	206.2	199.4	191.1	188.1
70°	167.0	169.3	179.1	183.6	188.1	189.6	188.1	183.6	176.8	167.8	164.8
72.5°	146.0	148.2	157.2	161.0	164.8	166.3	164.0	161.0	155.0	146.7	143.0
75°	121.9	125.6	130.2	136.2	140.7	142.2	139.9	137.7	130.2	124.9	121.9
77.5°	96.3	100.1	106.1	111.4	115.9	115.1	112.1	112.9	104.6	98.6	96.3
80°	73.0	76.0	80.5	85.0	87.3	87.3	86.5	83.5	80.5	76.0	72.2
82.5°	50.4	54.2	57.9	60.9	60.9	61.7	60.2	59.4	56.4	52.7	51.9
85°	30.1	30.8	33.9	33.9	36.9	35.4	34.6	36.9	33.9	31.6	30.8
87.5°	13.5	12.8	13.5	13.5	12.8	14.3	14.3	13.5	14.3	13.5	13.5
90°	9.6	9.7	10.0	10.3	10.6	10.9	10.6	10.3	10.0	9.7	9.6
92.5°	9.6	9.6	9.7	9.8	9.9	10.0	9.9	9.8	9.7	9.6	9.6
95°	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6
97.5°	9.1	9.2	9.3	9.4	9.5	9.6	9.5	9.4	9.3	9.2	9.1
100°	11.4	11.2	10.8	10.4	10.0	9.6	10.0	10.4	10.8	11.2	11.4
102.5°	107.4	103.1	94.6	86.1	77.6	69.1	77.6	86.1	94.6	103.1	107.4
105°	135.6	135.5	135.4	135.3	135.2	135.1	135.2	135.3	135.4	135.5	135.6
107.5°	166.0	165.8	165.4	165.0	164.6	164.2	164.6	165.0	165.4	165.8	166.0
110°	194.2	194.3	194.4	194.5	194.6	194.7	194.6	194.5	194.4	194.3	194.2



TEST NUMBER: P1035485

CATALOG NUMBER: S125DIW-B610D470UB40-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
112.5°	222.9	222.8	222.6	222.4	222.2	222.0	222.2	222.4	222.6	222.8	222.9
115°	252.0	251.7	251.1	250.5	249.9	249.3	249.9	250.5	251.1	251.7	252.0
117.5°	279.8	279.7	279.5	279.3	279.1	278.9	279.1	279.3	279.5	279.7	279.8
120°	308.0	307.7	307.2	306.7	306.2	305.7	306.2	306.7	307.2	307.7	308.0
122.5°	333.9	333.6	333.0	332.4	331.8	331.2	331.8	332.4	333.0	333.6	333.9
125°	358.5	358.3	358.0	357.7	357.4	357.1	357.4	357.7	358.0	358.3	358.5
127.5°	382.1	381.7	380.9	380.1	379.3	378.5	379.3	380.1	380.9	381.7	382.1
130°	404.4	404.1	403.6	403.1	402.6	402.1	402.6	403.1	403.6	404.1	404.4
132.5°	426.3	426.0	425.5	425.0	424.5	424.0	424.5	425.0	425.5	426.0	426.3
135°	446.3	446.0	445.4	444.7	444.1	443.5	444.1	444.7	445.4	446.0	446.3
137.5°	466.3	466.0	465.5	465.0	464.5	464.0	464.5	465.0	465.5	466.0	466.3
140°	484.5	484.2	483.6	483.0	482.4	481.8	482.4	483.0	483.6	484.2	484.5
142.5°	501.3	501.0	500.4	499.8	499.2	498.6	499.2	499.8	500.4	501.0	501.3
145°	517.7	517.4	516.8	516.2	515.6	515.0	515.6	516.2	516.8	517.4	517.7
147.5°	531.8	531.4	530.7	530.0	529.3	528.6	529.3	530.0	530.7	531.4	531.8
150°	545.4	545.0	544.2	543.4	542.6	541.8	542.6	543.4	544.2	545.0	545.4
152.5°	557.3	556.9	556.2	555.5	554.8	554.1	554.8	555.5	556.2	556.9	557.3
155°	568.2	567.8	567.0	566.1	565.3	564.5	565.3	566.1	567.0	567.8	568.2
157.5°	577.3	576.9	576.1	575.2	574.4	573.6	574.4	575.2	576.1	576.9	577.3
160°	585.9	585.5	584.7	583.9	583.1	582.3	583.1	583.9	584.7	585.5	585.9
162.5°	594.1	593.6	592.7	591.8	590.9	590.0	590.9	591.8	592.7	593.6	594.1
165°	600.5	600.1	599.3	598.4	597.6	596.8	597.6	598.4	599.3	600.1	600.5
167.5°	605.9	605.5	604.6	603.7	602.8	601.9	602.8	603.7	604.6	605.5	605.9
170°	610.0	609.5	608.6	607.7	606.8	605.9	606.8	607.7	608.6	609.5	610.0
172.5°	612.8	612.3	611.4	610.5	609.6	608.7	609.6	610.5	611.4	612.3	612.8
175°	615.0	614.5	613.6	612.7	611.8	610.9	611.8	612.7	613.6	614.5	615.0
177.5°	616.0	615.6	614.8	613.9	613.1	612.3	613.1	613.9	614.8	615.6	616.0
180°	613.7	613.7	613.7	613.7	613.7	613.7	613.7	613.7	613.7	613.7	613.7

TEST NUMBER: P1035485

CATALOG NUMBER: S125DIW-B610D470UB40-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
0°	886.3	886.3	886.3	886.3	886.3	886.3	886.3	886.3	886.3	886.3	886.3
2.5°	841.9	837.4	842.7	835.9	837.4	845.7	844.9	852.4	857.0	856.2	860.0
5°	786.2	786.2	788.5	787.7	795.3	802.0	811.1	818.6	826.9	831.4	836.6
7.5°	731.3	738.8	740.3	744.1	753.1	764.4	773.4	784.7	796.8	805.0	811.1
10°	686.2	692.2	698.2	701.2	711.0	726.0	738.8	756.9	771.9	781.0	789.2
12.5°	646.3	653.1	656.1	669.6	676.4	686.2	704.2	723.8	740.3	750.1	756.9
15°	617.7	621.5	628.2	636.5	643.3	655.3	670.4	692.2	708.0	716.3	739.6
17.5°	593.6	598.1	601.9	605.7	616.2	629.0	643.3	662.1	682.4	696.7	708.7
20°	568.8	571.1	575.6	581.6	589.1	601.1	613.9	633.5	651.6	662.8	678.6
22.5°	539.5	546.2	550.7	555.3	563.5	577.1	589.1	603.4	626.0	638.8	655.3
25°	522.1	525.2	528.2	533.4	539.5	551.5	565.0	580.1	598.1	611.7	626.0
27.5°	499.6	504.1	507.9	514.6	518.4	528.2	541.0	556.0	577.8	589.1	601.1
30°	480.8	485.3	488.3	491.3	496.6	507.1	519.1	531.2	551.5	565.8	577.8
32.5°	462.0	466.5	470.2	472.5	477.8	484.5	494.3	509.4	526.7	536.4	552.2
35°	445.4	445.4	449.9	452.9	457.4	463.5	472.5	483.8	501.8	514.6	528.9
37.5°	426.6	427.3	431.1	433.4	437.9	443.9	452.9	463.5	478.5	488.3	502.6
40°	407.0	409.3	410.8	414.6	419.8	422.1	431.1	443.1	458.2	467.2	479.3
42.5°	387.5	389.0	392.7	395.7	400.3	404.0	410.0	421.3	432.6	446.2	455.9
45°	365.7	369.4	371.7	376.9	379.2	383.0	389.0	398.0	411.5	419.8	431.1
47.5°	346.8	348.3	349.9	356.6	361.1	363.4	369.4	374.7	389.0	396.5	407.0
50°	326.5	326.5	328.8	331.8	337.1	341.6	346.8	352.9	364.1	371.7	382.2
52.5°	307.7	305.5	307.0	308.5	313.7	318.3	323.5	331.8	342.3	346.8	355.9
55°	287.4	283.6	285.9	288.2	289.7	295.7	301.7	307.0	315.2	322.0	330.3
57.5°	265.6	264.8	263.3	264.1	267.8	271.6	276.1	282.9	292.7	297.9	302.5
60°	246.0	241.5	240.0	241.5	243.8	246.0	252.0	258.1	266.3	271.6	276.9
62.5°	225.7	221.2	218.2	215.9	218.2	223.5	227.2	231.7	238.5	244.5	249.0
65°	206.2	199.4	196.4	194.9	194.1	197.9	200.9	206.9	212.9	215.2	220.4
67.5°	184.3	178.3	174.6	172.3	172.3	172.3	175.3	181.3	187.3	188.1	193.4
70°	162.5	155.7	152.0	149.0	147.5	149.0	152.7	153.5	158.8	160.3	163.3
72.5°	139.2	133.2	128.7	124.9	125.6	127.2	127.2	128.7	131.7	135.4	135.4
75°	117.4	109.1	106.8	103.8	102.3	102.3	102.3	105.3	107.6	110.6	109.8
77.5°	92.5	88.0	83.5	82.0	79.8	79.0	80.5	80.5	82.0	84.3	85.0
80°	71.5	66.2	63.2	61.7	58.7	57.9	58.7	58.7	60.9	60.2	60.9
82.5°	49.7	45.9	43.6	41.4	39.9	40.6	39.9	39.9	40.6	39.9	39.9
85°	28.6	27.8	26.3	25.6	24.8	23.3	24.8	24.1	23.3	22.6	24.1
87.5°	13.5	12.8	12.8	11.3	11.3	10.5	11.3	11.3	10.5	10.5	10.5
90°	9.3	8.8	8.3	7.8	7.3	6.6	5.9	5.2	4.5	4.1	3.7
92.5°	9.3	8.8	8.3	7.8	7.3	6.7	6.1	5.4	4.8	4.5	5.0
95°	9.3	8.8	8.3	7.8	7.3	11.1	15.0	18.8	22.7	24.6	24.7
97.5°	9.0	8.8	8.6	8.4	8.2	17.8	27.4	37.0	46.6	51.4	51.1
100°	18.9	34.0	49.1	64.1	79.2	78.8	78.4	77.9	77.5	77.3	77.2
102.5°	107.3	107.1	106.8	106.6	106.4	106.2	106.0	105.8	105.6	105.5	105.3
105°	135.6	135.6	135.6	135.6	135.6	135.6	135.6	135.6	135.6	135.6	135.4
107.5°	166.0	165.9	165.8	165.7	165.6	165.4	165.2	165.0	164.8	164.7	164.7
110°	194.4	194.7	195.0	195.3	195.6	195.4	195.2	195.0	194.8	194.7	194.7

TEST NUMBER: P1035485

CATALOG NUMBER: S125DIW-B610D470UB40-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
112.5°	223.1	223.5	223.9	224.3	224.7	224.6	224.5	224.4	224.3	224.3	224.1
115°	252.2	252.6	253.0	253.4	253.8	253.7	253.6	253.5	253.4	253.4	253.1
117.5°	280.1	280.7	281.3	281.9	282.5	282.1	281.7	281.3	280.9	280.7	280.7
120°	308.1	308.3	308.5	308.7	308.9	308.6	308.3	308.0	307.7	307.5	307.6
122.5°	334.0	334.2	334.4	334.6	334.8	334.7	334.6	334.5	334.4	334.4	334.1
125°	358.7	359.1	359.5	359.9	360.3	360.3	360.3	360.3	360.3	360.3	359.9
127.5°	382.2	382.4	382.6	382.8	383.0	383.1	383.2	383.3	383.4	383.5	383.2
130°	404.6	404.9	405.2	405.5	405.8	405.7	405.6	405.5	405.4	405.3	405.1
132.5°	426.3	426.3	426.3	426.3	426.3	426.6	426.9	427.2	427.5	427.6	427.3
135°	446.4	446.6	446.8	447.0	447.2	447.4	447.6	447.8	448.0	448.1	447.8
137.5°	466.3	466.3	466.3	466.3	466.3	466.5	466.7	466.9	467.1	467.2	466.9
140°	484.4	484.2	484.0	483.8	483.6	483.7	483.8	483.9	484.0	484.0	483.9
142.5°	501.3	501.3	501.3	501.3	501.3	501.1	500.9	500.7	500.5	500.4	500.3
145°	517.6	517.5	517.4	517.3	517.2	517.2	517.2	517.2	517.2	517.2	517.1
147.5°	531.7	531.6	531.5	531.4	531.3	531.2	531.1	531.0	530.9	530.9	530.9
150°	545.3	545.1	544.9	544.7	544.5	544.3	544.1	543.9	543.7	543.6	543.7
152.5°	557.2	557.0	556.8	556.6	556.4	556.2	556.0	555.7	555.5	555.4	555.7
155°	568.0	567.7	567.4	567.1	566.8	566.6	566.4	566.2	566.0	565.9	566.2
157.5°	577.1	576.8	576.5	576.2	575.9	575.9	575.9	575.9	575.9	575.9	576.1
160°	585.7	585.3	584.9	584.5	584.1	584.0	583.9	583.8	583.7	583.7	584.0
162.5°	593.8	593.2	592.6	592.0	591.4	591.3	591.2	591.1	591.0	590.9	591.2
165°	600.2	599.6	599.0	598.4	597.8	597.7	597.6	597.5	597.4	597.3	597.6
167.5°	605.6	604.9	604.2	603.5	602.8	602.7	602.6	602.5	602.4	602.3	602.6
170°	609.6	608.8	608.0	607.2	606.4	606.3	606.2	606.1	606.0	605.9	606.3
172.5°	612.4	611.7	611.0	610.3	609.6	609.4	609.2	609.0	608.8	608.7	609.1
175°	614.6	613.8	613.0	612.2	611.4	611.3	611.2	611.1	611.0	610.9	611.2
177.5°	615.6	614.9	614.2	613.5	612.8	612.7	612.6	612.5	612.4	612.3	612.6
180°	613.7	613.7	613.7	613.7	613.7	613.7	613.7	613.7	613.7	613.7	613.7

TEST NUMBER: P1035485

CATALOG NUMBER: S125DIW-B610D470UB40-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
0°	886.3	886.3	886.3	886.3
2.5°	865.2	872.8	878.0	887.8
5°	845.7	859.2	872.0	885.5
7.5°	826.1	841.9	862.2	879.5
10°	804.3	824.6	848.7	872.0
12.5°	782.5	806.5	832.9	863.7
15°	756.1	787.0	817.8	850.9
17.5°	732.8	764.4	797.5	838.9
20°	706.5	741.1	777.2	819.3
22.5°	683.2	721.5	759.1	803.5
25°	656.8	694.4	735.8	783.2
27.5°	635.0	669.6	710.2	761.4
30°	608.7	646.3	686.9	738.1
32.5°	583.8	620.0	662.8	713.3
35°	558.3	595.1	633.5	681.7
37.5°	534.2	565.8	604.2	650.1
40°	507.1	541.7	576.3	612.4
42.5°	482.3	513.9	546.2	574.8
45°	454.4	481.5	512.4	535.7
47.5°	428.9	452.9	477.0	495.1
50°	403.3	422.1	440.1	455.9
52.5°	373.2	394.2	404.0	413.8
55°	346.1	358.1	367.2	376.9
57.5°	319.8	325.0	329.5	338.6
60°	285.1	291.2	296.4	303.2
62.5°	255.1	258.1	259.6	266.3
65°	226.5	225.7	229.5	233.2
67.5°	195.6	194.9	198.6	200.1
70°	165.5	164.8	165.5	169.3
72.5°	136.9	136.9	137.7	139.2
75°	110.6	110.6	111.4	112.9
77.5°	83.5	85.0	84.3	87.3
80°	60.9	59.4	60.9	62.4
82.5°	39.9	41.4	41.4	39.9
85°	22.6	22.6	22.6	22.6
87.5°	9.8	9.8	10.5	11.3
90°	2.9	2.1	1.3	0.5
92.5°	5.9	6.8	7.7	8.6
95°	25.0	25.3	25.6	25.9
97.5°	50.5	49.9	49.3	48.7
100°	76.9	76.6	76.3	76.0
102.5°	104.9	104.5	104.1	103.7
105°	135.0	134.5	134.1	133.7
107.5°	164.7	164.7	164.7	164.7
110°	194.7	194.7	194.7	194.7

TEST NUMBER: P1035485

CATALOG NUMBER: S125DIW-B610D470UB40-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
112.5°	223.8	223.5	223.2	222.9
115°	252.6	252.1	251.6	251.1
117.5°	280.7	280.7	280.7	280.7
120°	307.7	307.8	307.9	308.0
122.5°	333.6	333.1	332.6	332.1
125°	359.2	358.5	357.8	357.1
127.5°	382.7	382.2	381.7	381.2
130°	404.6	404.1	403.6	403.1
132.5°	426.7	426.1	425.5	424.9
135°	447.2	446.6	446.0	445.4
137.5°	466.3	465.7	465.1	464.5
140°	483.7	483.5	483.3	483.1
142.5°	500.2	500.1	500.0	499.9
145°	516.9	516.7	516.5	516.3
147.5°	530.9	530.9	530.9	530.9
150°	543.9	544.1	544.3	544.5
152.5°	556.2	556.7	557.2	557.7
155°	566.8	567.4	568.0	568.6
157.5°	576.4	576.7	577.0	577.3
160°	584.6	585.2	585.8	586.4
162.5°	591.8	592.5	593.1	593.7
165°	598.2	598.8	599.4	600.0
167.5°	603.2	603.8	604.4	605.0
170°	607.0	607.7	608.4	609.1
172.5°	609.8	610.5	611.2	611.9
175°	611.8	612.5	613.1	613.7
177.5°	613.2	613.8	614.4	615.0
180°	613.7	613.7	613.7	613.7

(END OF REPORT)