

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: P1035468

Luminaire Tested: S125DIW-B610D470UB27-4F0-XX-W2A-A1

Issue Date: 5/7/2025

Test Information

Test Method: LM-79-2019
Report Number: P1035468
REPORT IS A COMBINATION OF REPORTS P1003908 AND P1007351
Test Lab: INNOVATION CENTER
Issue Date: 5/7/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: NEO-RAY
Catalog Number: S125DIW-B610D470UB27-4F0-XX-W2A-A1
Description: Define 5 Direct/Indirect Wall Mount with 2700K BioUP LEDs {m-DER=0.473} {m-EER=0.52}
Light Source: -
Ballast/Driver: -

Summary

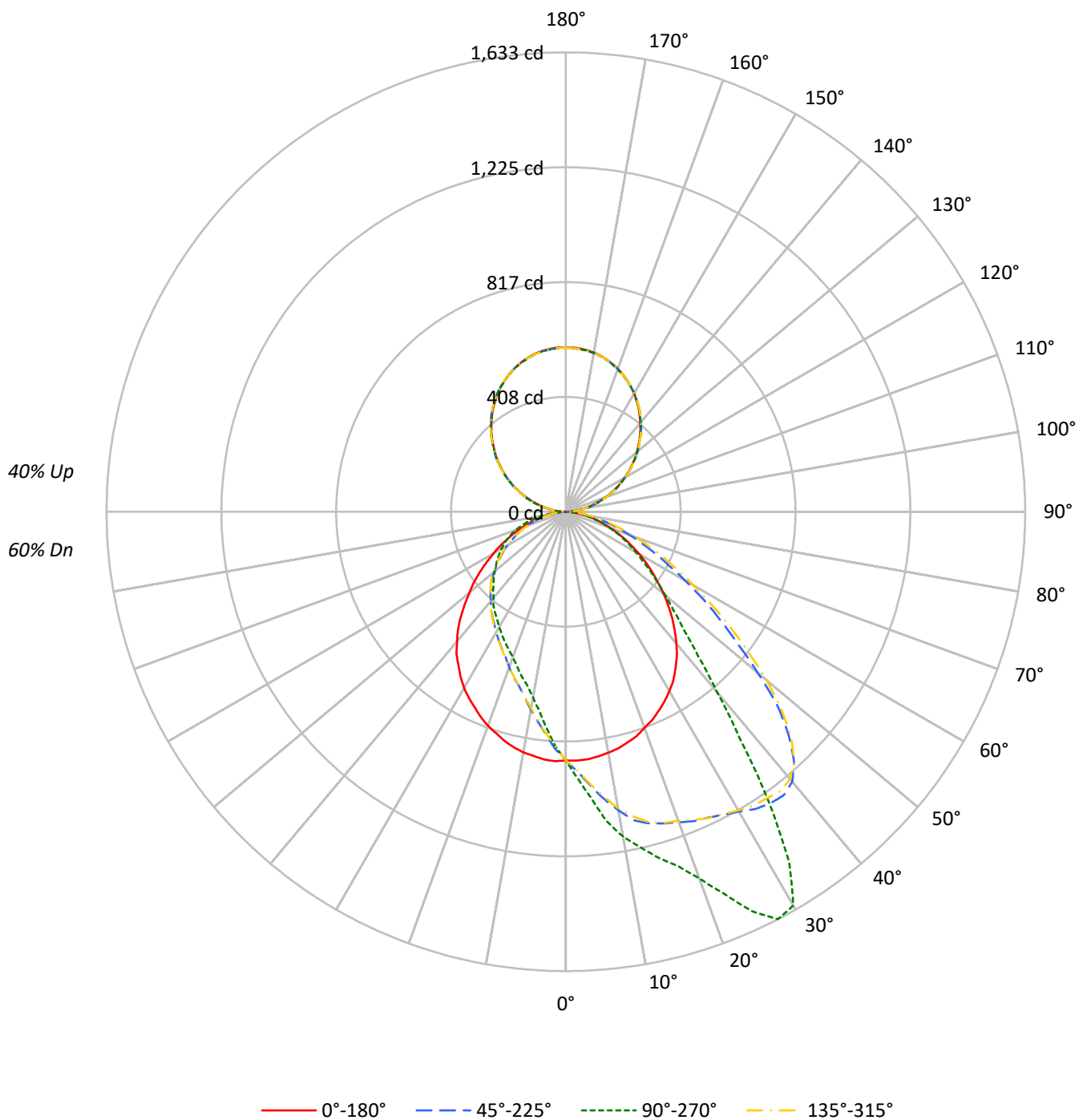
Lumens per Lamp: N/A
Luminaire Lumens: 4124.0 lumens
Efficiency: N/A
Efficacy: 110.9 lumens/watt
Spacing Criteria (0/90/45): 1.23 / 1.43 / 1.52
Luminous Opening: Rectangular w/ Sides (W: 0.42' x L: 4' x H: 0.1')
CIE Type: Semi-Direct

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	110	110	110	110	102	102	102	102	89	89	89	77	77	77	66	66	66
1	100	96	92	89	94	90	87	84	79	76	74	68	66	65	59	57	56
2	92	84	78	73	85	79	74	69	69	65	62	60	57	54	52	50	48
3	84	74	67	61	78	70	63	58	61	56	52	53	50	46	46	43	41
4	77	66	58	52	72	62	55	49	55	49	45	48	43	40	41	38	35
5	71	59	51	45	66	55	48	43	49	43	39	43	38	35	37	34	31
6	65	53	45	39	61	50	43	37	44	38	34	39	34	30	34	30	27
7	60	48	40	34	56	45	38	33	40	34	30	35	31	27	31	27	24
8	56	43	36	30	52	41	34	29	37	31	27	32	28	24	28	25	22
9	52	40	32	27	49	38	31	26	34	28	24	30	25	22	26	22	20
10	49	36	29	24	46	35	28	23	31	25	21	28	23	20	24	21	18

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	5663	5663	5663	5663
5°	5667	6424	5672	4873
10°	5633	7322	5623	4183
15°	5591	7939	5556	3780
20°	5520	8700	5470	3450
25°	5458	9968	5358	3256
30°	5368	10516	5275	3079
35°	5225	8430	5116	2938
40°	5003	5826	4929	2788
45°	4722	4338	4669	2663
50°	4401	3571	4329	2563
55°	4054	3046	4022	2477
60°	3714	2607	3649	2410
65°	3347	2251	3292	2311
70°	2959	1870	2920	2142
75°	2547	1446	2513	1859
80°	2013	978	1939	1366
85°	1286	490	1246	697

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 135°

Vertical Angle: 45°

Luminance: 8650 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	85.1	2.1
10°-20°	253.4	6.1
20°-30°	411.6	10.0
30°-40°	503.0	12.2
40°-50°	456.3	11.1
50°-60°	363.4	8.8
60°-70°	253.1	6.1
70°-80°	134.8	3.3
80°-90°	34.4	0.8
90°-100°	38.8	0.9
100°-110°	115.3	2.8
110°-120°	195.6	4.7
120°-130°	257.4	6.2
130°-140°	288.5	7.0
140°-150°	282.8	6.9
150°-160°	237.5	5.8
160°-170°	157.9	3.8
170°-180°	55.3	1.3
0°-30°	750.0	18.2
0°-40°	1253.0	30.4
0°-60°	2072.6	50.3
0°-90°	2494.9	60.5
90°-120°	349.7	8.5
90°-150°	1178.4	28.6
90°-180°	1629.0	39.5
0°-180°	4124.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	884	884	884	884	884	
5°	883	1020	884	774	883	84
15°	849	1273	843	606	849	239
25°	781	1567	767	512	781	360
35°	680	1257	666	438	680	424
45°	534	593	528	364	534	411
55°	376	365	373	297	376	336
65°	233	224	229	230	233	231
75°	112	110	111	142	112	120
85°	22	25	22	35	22	27
90°	0	11	0	11	0	4
95°	30	39	30	39	30	31
105°	104	113	104	113	104	110
115°	196	198	196	198	196	194
125°	286	288	286	288	286	256
135°	372	373	372	373	372	286
145°	450	452	450	452	450	281
155°	515	515	515	515	515	237
165°	560	559	560	559	560	158
175°	582	580	582	580	582	55
180°	584	584	584	584	584	

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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	883.8	883.8	883.8	883.8	883.8	883.8	883.8	883.8	883.8	883.8	883.8
2.5°	885.3	890.6	896.6	901.1	908.6	910.8	914.6	916.8	919.1	921.3	922.8
5°	883.1	895.8	907.1	915.3	929.6	934.8	941.6	949.8	959.6	967.8	973.1
7.5°	877.1	897.3	912.3	928.8	948.3	961.1	967.8	985.1	1000.9	1012.9	1028.6
10°	869.6	893.6	916.8	941.6	969.3	983.6	997.1	1021.1	1042.9	1062.4	1078.1
12.5°	861.3	890.6	918.3	950.6	988.1	1005.4	1014.4	1055.6	1082.6	1093.1	1123.9
15°	848.6	883.1	922.8	962.6	994.1	1014.4	1039.1	1072.1	1099.1	1122.4	1147.2
17.5°	836.5	874.1	914.6	958.8	1004.6	1030.9	1049.6	1078.9	1108.1	1138.2	1161.4
20°	817.0	865.8	907.1	954.3	1008.4	1027.1	1046.6	1081.1	1112.6	1144.9	1174.2
22.5°	801.3	847.8	904.1	949.1	994.9	1013.6	1037.6	1073.6	1111.1	1147.9	1190.7
25°	781.0	832.8	881.6	929.6	976.8	997.1	1018.9	1065.4	1104.4	1151.7	1198.9
27.5°	759.3	812.5	861.3	904.8	949.1	976.8	1000.1	1048.9	1100.6	1152.4	1213.9
30°	736.0	786.3	832.8	875.6	924.3	952.8	976.1	1033.1	1090.9	1156.9	1230.4
32.5°	711.3	758.5	798.3	841.8	893.6	919.8	951.3	1013.6	1081.9	1160.7	1252.9
35°	679.7	724.8	760.0	804.3	856.1	889.8	922.8	992.6	1072.1	1159.9	1265.7
37.5°	648.2	683.5	717.3	764.5	824.5	855.3	889.8	966.3	1057.1	1157.7	1271.0
40°	610.7	645.2	674.5	722.5	785.5	820.8	856.8	937.1	1039.9	1149.4	1252.2
42.5°	573.2	602.5	634.7	685.0	745.8	783.3	821.5	910.8	1017.4	1125.4	1200.4
45°	534.2	556.7	592.0	637.7	702.3	738.3	781.8	878.6	985.9	1081.9	1119.4
47.5°	493.7	516.2	549.2	593.5	657.2	700.0	741.3	838.0	946.1	1020.4	1020.4
50°	454.7	472.7	504.9	549.2	613.7	652.7	694.7	797.5	884.6	939.3	890.6
52.5°	412.6	432.9	459.9	506.4	570.2	605.5	651.2	739.0	821.5	844.1	769.0
55°	375.9	392.4	417.9	462.2	521.4	558.2	597.2	681.2	751.0	749.5	669.2
57.5°	337.6	351.1	378.1	418.6	473.4	506.4	545.4	618.2	675.2	655.0	579.2
60°	302.4	312.1	338.4	371.4	423.9	454.7	492.2	551.4	595.0	566.5	489.9
62.5°	265.6	276.8	297.9	330.1	376.6	401.4	429.2	489.2	516.9	491.4	413.4
65°	232.6	241.6	260.3	287.4	329.4	351.9	375.9	425.4	451.7	414.9	350.4
67.5°	199.6	210.1	223.6	247.6	280.6	301.6	322.6	365.4	377.4	344.4	290.4
70°	168.8	177.8	190.6	207.8	235.6	254.3	270.1	305.4	313.6	282.9	240.1
72.5°	138.8	144.8	155.3	169.6	195.1	205.6	222.1	246.1	256.6	228.8	198.1
75°	112.5	117.0	123.8	134.3	151.6	162.8	176.3	198.8	198.1	178.6	156.8
77.5°	87.0	87.8	95.3	105.0	115.5	125.3	132.0	147.8	149.3	137.3	119.3
80°	62.3	64.5	67.5	75.0	84.0	87.8	96.0	105.8	107.3	98.3	86.3
82.5°	39.8	41.3	43.5	48.0	54.0	58.5	63.0	66.8	70.5	65.3	55.5
85°	22.5	23.3	25.5	27.0	30.0	32.3	36.0	39.8	39.0	35.3	32.3
87.5°	11.3	11.3	11.3	12.8	14.3	14.3	15.8	16.5	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°	13.6	14.1	14.6	15.1	15.6	15.9	16.4	17.3	18.2	19.1	20.0
95°	29.5	29.7	29.9	30.1	30.3	30.4	30.9	31.9	33.0	34.0	35.0
97.5°	45.4	45.5	45.6	45.7	45.8	45.9	46.6	48.0	49.4	50.8	52.2
100°	63.6	63.6	63.6	63.6	63.6	63.6	64.3	65.6	66.9	68.2	69.5
102.5°	83.1	83.6	84.1	84.6	85.1	85.4	85.7	86.2	86.7	87.2	87.7
105°	103.6	104.1	104.6	105.1	105.6	105.8	106.1	106.7	107.4	108.0	108.6
107.5°	125.8	126.3	126.8	127.3	127.8	128.1	128.4	128.9	129.4	129.9	130.4
110°	149.0	149.5	150.0	150.5	151.0	151.3	151.4	151.7	152.0	152.3	152.6

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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	172.6	172.8	173.0	173.2	173.4	173.5	173.7	174.1	174.5	174.9	175.3
115°	195.8	196.2	196.6	197.0	197.4	197.6	197.7	197.9	198.1	198.3	198.5
117.5°	219.4	219.5	219.6	219.7	219.8	219.9	220.0	220.2	220.4	220.6	220.8
120°	241.2	241.7	242.2	242.7	243.2	243.5	243.5	243.6	243.7	243.8	243.9
122.5°	264.8	264.9	265.0	265.1	265.2	265.3	265.4	265.7	266.0	266.3	266.6
125°	285.7	286.3	286.9	287.5	288.1	288.4	288.5	288.6	288.7	288.8	288.9
127.5°	308.9	309.2	309.5	309.8	310.1	310.3	310.3	310.4	310.5	310.6	310.7
130°	329.3	329.8	330.3	330.8	331.3	331.6	331.7	331.9	332.1	332.3	332.5
132.5°	349.8	350.7	351.6	352.5	353.4	353.9	353.8	353.7	353.6	353.5	353.4
135°	371.6	372.2	372.8	373.4	374.0	374.3	374.4	374.5	374.6	374.7	374.8
137.5°	392.0	392.6	393.2	393.8	394.4	394.7	394.8	395.0	395.3	395.5	395.7
140°	411.6	412.1	412.6	413.1	413.6	413.8	414.0	414.3	414.6	414.9	415.2
142.5°	431.1	431.5	431.9	432.3	432.7	432.9	433.1	433.5	433.9	434.3	434.7
145°	450.2	450.6	451.0	451.4	451.8	452.0	452.1	452.4	452.7	453.0	453.3
147.5°	467.9	468.2	468.5	468.8	469.1	469.2	469.3	469.5	469.7	469.9	470.1
150°	485.6	485.5	485.4	485.3	485.2	485.1	485.3	485.7	486.2	486.6	487.0
152.5°	500.1	500.3	500.5	500.7	500.9	501.0	501.1	501.2	501.3	501.4	501.5
155°	515.1	515.1	515.1	515.1	515.1	515.1	515.2	515.3	515.4	515.5	515.6
157.5°	528.7	528.5	528.3	528.1	527.9	527.8	527.9	528.0	528.1	528.2	528.3
160°	540.6	540.3	540.0	539.7	539.4	539.2	539.2	539.3	539.4	539.5	539.6
162.5°	551.0	550.8	550.6	550.4	550.2	550.1	550.1	550.1	550.1	550.1	550.1
165°	560.1	559.9	559.7	559.5	559.3	559.2	559.2	559.3	559.4	559.5	559.6
167.5°	568.3	567.9	567.5	567.0	566.6	566.4	566.4	566.4	566.4	566.4	566.4
170°	574.6	574.2	573.8	573.4	573.0	572.8	572.8	572.8	572.8	572.8	572.8
172.5°	579.2	578.8	578.4	578.0	577.6	577.4	577.4	577.4	577.4	577.4	577.4
175°	582.3	581.9	581.5	581.1	580.7	580.5	580.5	580.5	580.5	580.5	580.5
177.5°	584.6	584.2	583.8	583.4	583.0	582.8	582.7	582.6	582.5	582.4	582.3
180°	583.7	583.7	583.7	583.7	583.7	583.7	583.7	583.7	583.7	583.7	583.7

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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	883.8	883.8	883.8	883.8	883.8	883.8	883.8	883.8	883.8	883.8	883.8
2.5°	924.3	929.6	934.1	937.8	940.8	945.3	942.3	943.1	944.6	947.6	947.6
5°	984.4	992.6	997.1	1012.1	1015.9	1015.1	1012.9	1024.9	1024.1	1019.6	1018.9
7.5°	1042.9	1057.1	1069.9	1081.9	1085.6	1095.4	1097.6	1102.9	1101.4	1108.9	1105.1
10°	1096.1	1118.6	1130.7	1148.7	1153.2	1157.7	1163.7	1166.7	1173.4	1172.7	1172.7
12.5°	1137.4	1164.4	1180.2	1184.7	1201.9	1207.2	1212.4	1222.2	1219.9	1220.7	1225.2
15°	1169.7	1195.9	1209.4	1230.4	1242.4	1248.4	1257.4	1268.0	1266.5	1273.2	1271.7
17.5°	1193.7	1218.4	1243.2	1274.7	1275.5	1291.2	1312.2	1316.7	1326.5	1319.7	1319.7
20°	1213.2	1246.2	1281.5	1322.0	1326.5	1336.2	1361.7	1379.0	1390.2	1386.5	1388.7
22.5°	1234.2	1281.5	1322.7	1363.2	1385.0	1402.3	1427.0	1454.0	1463.8	1469.8	1468.3
25°	1261.2	1310.7	1371.5	1427.8	1450.3	1483.3	1516.3	1542.6	1550.1	1566.6	1551.6
27.5°	1289.0	1358.7	1434.5	1500.5	1529.0	1556.1	1595.8	1615.3	1625.1	1632.6	1627.3
30°	1312.2	1408.3	1490.8	1551.6	1571.8	1587.6	1610.1	1614.6	1610.8	1616.8	1624.3
32.5°	1348.2	1442.0	1511.8	1541.1	1538.8	1538.0	1520.8	1496.8	1491.5	1477.3	1496.8
35°	1367.7	1442.8	1469.8	1430.8	1415.0	1386.5	1331.7	1295.7	1264.2	1257.4	1258.9
37.5°	1356.5	1385.7	1353.5	1250.7	1225.2	1181.7	1108.9	1057.9	1034.6	1016.6	1039.9
40°	1295.7	1263.5	1174.9	1049.6	1012.9	971.6	903.3	875.6	842.6	835.8	866.6
42.5°	1195.2	1096.9	971.6	874.8	836.5	813.3	756.3	730.0	706.8	696.2	713.5
45°	1058.6	939.3	813.3	733.8	701.5	673.7	640.0	612.2	597.2	592.7	607.0
47.5°	917.6	791.5	691.0	631.7	598.0	577.0	545.4	529.7	517.7	519.2	521.4
50°	782.5	667.7	590.5	531.2	514.7	498.2	477.2	463.7	457.7	459.9	458.4
52.5°	666.2	573.2	507.9	462.2	454.7	438.9	421.7	410.4	408.1	408.9	411.1
55°	564.2	491.4	439.7	406.6	398.4	387.1	376.6	369.1	363.1	365.4	364.6
57.5°	486.9	423.2	383.4	356.4	350.4	343.6	333.9	330.1	327.9	323.4	327.1
60°	418.6	366.9	332.4	315.9	310.6	306.1	295.6	291.1	289.6	287.4	293.4
62.5°	354.1	317.4	291.1	276.1	270.8	266.3	261.1	257.3	258.1	255.1	258.1
65°	303.1	273.1	254.3	240.8	234.1	231.1	230.3	224.3	223.6	224.3	225.1
67.5°	255.8	230.3	216.1	207.8	202.6	199.6	197.3	193.6	196.6	194.3	195.8
70°	213.1	195.8	180.8	172.6	170.3	171.1	167.3	165.8	166.6	165.1	166.6
72.5°	171.8	157.6	151.6	145.6	142.6	141.8	139.5	137.3	139.5	138.8	138.8
75°	137.3	126.8	120.0	116.3	116.3	114.8	111.0	111.0	111.0	110.3	111.0
77.5°	105.8	96.8	93.8	90.0	90.0	87.8	87.0	87.0	85.5	87.8	86.3
80°	78.8	72.0	67.5	65.3	65.3	64.5	63.0	62.3	63.0	62.3	62.3
82.5°	51.0	48.0	45.8	43.5	42.8	43.5	42.8	41.3	42.0	41.3	42.8
85°	29.3	26.3	26.3	24.8	25.5	24.0	24.8	23.3	22.5	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	9.5	9.7	10.0	10.3	10.6	10.9	10.6
92.5°	20.7	21.4	22.1	22.8	23.2	23.3	23.5	23.7	23.9	24.1	23.9
95°	35.7	36.4	37.1	37.8	38.2	38.3	38.5	38.7	38.9	39.1	38.9
97.5°	52.8	53.4	54.1	54.7	55.0	55.0	55.1	55.2	55.3	55.4	55.3
100°	70.4	71.3	72.2	73.1	73.6	73.7	73.9	74.1	74.3	74.5	74.3
102.5°	88.7	89.7	90.7	91.7	92.2	92.4	92.7	93.0	93.3	93.6	93.3
105°	109.2	109.8	110.4	111.0	111.3	111.5	111.8	112.1	112.4	112.7	112.4
107.5°	130.7	131.0	131.3	131.6	131.7	131.7	131.7	131.7	131.7	131.7	131.7
110°	152.9	153.2	153.5	153.8	154.0	153.9	153.8	153.7	153.6	153.5	153.6

TEST NUMBER: P1035468

CATALOG NUMBER: S125DIW-B610D470UB27-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	175.4	175.5	175.6	175.7	175.8	175.7	175.5	175.3	175.1	174.9	175.1
115°	198.4	198.3	198.2	198.1	198.1	198.0	197.9	197.8	197.7	197.6	197.7
117.5°	220.9	221.0	221.1	221.2	221.2	221.0	220.6	220.2	219.8	219.4	219.8
120°	243.9	243.9	243.9	243.9	243.9	243.7	243.3	242.9	242.5	242.1	242.5
122.5°	266.5	266.4	266.3	266.2	266.2	266.0	265.7	265.4	265.1	264.8	265.1
125°	288.7	288.5	288.3	288.1	288.0	287.9	287.8	287.7	287.6	287.5	287.6
127.5°	310.6	310.5	310.4	310.3	310.3	310.2	310.0	309.7	309.5	309.3	309.5
130°	332.4	332.3	332.2	332.1	332.1	332.0	331.8	331.5	331.3	331.1	331.3
132.5°	353.3	353.2	353.1	353.0	353.0	352.8	352.5	352.2	351.9	351.6	351.9
135°	374.8	374.8	374.8	374.8	374.8	374.6	374.2	373.7	373.3	372.9	373.3
137.5°	395.8	395.9	396.0	396.1	396.1	395.8	395.3	394.8	394.3	393.8	394.3
140°	415.4	415.6	415.8	416.0	416.1	415.8	415.3	414.8	414.3	413.8	414.3
142.5°	434.8	434.9	435.0	435.1	435.2	434.9	434.4	433.9	433.4	432.9	433.4
145°	453.3	453.3	453.3	453.3	453.3	453.2	452.9	452.6	452.3	452.0	452.3
147.5°	470.4	470.7	471.0	471.3	471.5	471.1	470.3	469.5	468.7	467.9	468.7
150°	487.0	487.0	487.0	487.0	487.0	486.9	486.7	486.4	486.2	486.0	486.2
152.5°	501.8	502.1	502.4	502.7	502.9	502.7	502.3	501.8	501.4	501.0	501.4
155°	516.0	516.4	516.8	517.2	517.4	517.1	516.6	516.1	515.6	515.1	515.6
157.5°	528.7	529.1	529.5	529.9	530.1	529.7	529.0	528.3	527.6	526.9	527.6
160°	540.0	540.4	540.9	541.3	541.5	541.2	540.7	540.2	539.7	539.2	539.7
162.5°	550.6	551.1	551.6	552.1	552.4	552.1	551.5	550.8	550.2	549.6	550.2
165°	560.0	560.4	560.9	561.3	561.5	561.2	560.6	559.9	559.3	558.7	559.3
167.5°	567.0	567.6	568.3	568.9	569.2	568.9	568.3	567.6	567.0	566.4	567.0
170°	573.4	574.0	574.6	575.2	575.5	575.2	574.5	573.8	573.1	572.4	573.1
172.5°	578.0	578.6	579.2	579.8	580.1	579.8	579.2	578.6	578.0	577.4	578.0
175°	581.1	581.7	582.4	583.0	583.3	582.9	582.2	581.5	580.8	580.1	580.8
177.5°	582.9	583.5	584.2	584.8	585.1	584.7	584.0	583.3	582.6	581.9	582.6
180°	583.7	583.7	583.7	583.7	583.7	583.7	583.7	583.7	583.7	583.7	583.7

TEST NUMBER: P1035468

CATALOG NUMBER: S125DIW-B610D470UB27-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	883.8	883.8	883.8	883.8	883.8	883.8	883.8	883.8	883.8	883.8	883.8
2.5°	946.1	940.8	942.3	940.8	937.1	934.8	928.8	921.3	918.3	914.6	912.3
5°	1021.9	1018.1	1017.4	1011.4	1009.9	1000.9	985.9	978.3	969.3	960.3	951.3
7.5°	1104.4	1099.9	1084.9	1082.6	1084.1	1072.9	1053.4	1038.4	1019.6	1006.9	989.6
10°	1172.7	1163.7	1150.9	1151.7	1146.4	1131.4	1111.9	1096.1	1069.1	1052.6	1027.9
12.5°	1213.9	1206.4	1204.9	1197.4	1192.9	1173.4	1150.2	1129.9	1109.6	1087.1	1068.4
15°	1264.2	1254.4	1247.7	1237.2	1234.2	1213.9	1188.4	1165.2	1141.9	1120.9	1081.1
17.5°	1319.7	1309.2	1283.7	1281.5	1263.5	1243.9	1219.2	1184.7	1159.9	1129.9	1100.6
20°	1382.7	1367.7	1334.7	1326.5	1312.2	1280.0	1246.2	1207.9	1168.2	1137.4	1102.9
22.5°	1453.3	1427.0	1403.0	1376.7	1366.2	1326.5	1280.0	1233.4	1185.4	1143.4	1102.1
25°	1544.8	1510.3	1476.5	1450.3	1432.3	1380.5	1318.2	1256.7	1201.2	1146.4	1092.4
27.5°	1616.8	1586.8	1550.1	1515.5	1492.3	1430.8	1359.5	1280.0	1210.9	1144.2	1086.4
30°	1622.1	1613.1	1590.6	1571.8	1546.3	1480.3	1401.5	1311.5	1225.9	1144.9	1074.4
32.5°	1523.8	1541.8	1551.6	1554.6	1549.3	1511.0	1439.0	1340.0	1239.4	1138.2	1063.9
35°	1312.2	1360.2	1419.5	1442.0	1463.8	1484.0	1446.5	1360.2	1243.9	1136.7	1047.4
37.5°	1080.4	1123.9	1222.2	1267.2	1292.7	1373.0	1403.8	1357.2	1252.9	1138.2	1031.6
40°	871.8	940.8	1011.4	1072.1	1111.9	1201.9	1297.2	1307.7	1240.2	1123.9	1011.4
42.5°	733.8	774.3	827.5	883.8	919.1	1025.6	1154.7	1230.4	1200.4	1100.6	986.6
45°	625.0	655.0	705.3	724.0	769.0	871.1	1007.6	1117.1	1132.2	1063.9	958.1
47.5°	536.4	562.0	594.2	617.5	653.5	730.0	845.6	966.3	1038.4	1013.6	918.3
50°	472.7	493.7	520.7	534.2	557.4	626.5	713.5	833.5	930.3	938.6	866.6
52.5°	419.4	431.4	452.4	467.4	486.2	528.2	607.0	706.0	814.8	859.8	802.8
55°	372.9	382.6	401.4	411.1	420.9	456.9	518.4	608.5	710.5	769.8	737.5
57.5°	330.9	339.1	354.9	363.9	369.1	403.6	450.9	521.4	613.0	685.0	667.0
60°	296.4	303.9	312.9	319.6	325.6	354.1	387.1	444.2	525.9	595.7	591.2
62.5°	259.6	266.3	276.1	282.9	288.1	306.1	333.9	377.4	447.2	511.7	524.4
65°	227.3	232.6	239.3	242.3	249.1	262.6	285.1	324.1	381.1	438.9	447.9
67.5°	198.1	199.6	204.1	210.8	212.3	224.3	244.6	273.8	318.1	365.4	379.6
70°	166.6	168.8	172.6	177.8	180.8	188.3	205.6	225.1	263.3	304.6	315.1
72.5°	138.8	141.8	143.3	146.3	147.8	159.8	167.3	186.8	213.1	247.6	258.8
75°	112.5	115.5	116.3	117.8	119.3	124.5	135.0	147.1	168.8	191.3	206.3
77.5°	89.3	88.5	90.0	92.3	91.5	96.0	102.8	113.3	127.5	146.3	156.1
80°	63.0	63.0	65.3	67.5	66.8	71.3	73.5	81.0	93.0	105.0	108.8
82.5°	42.0	42.0	44.3	44.3	45.8	46.5	49.5	53.3	63.0	69.0	71.3
85°	24.0	24.0	24.8	24.8	24.8	26.3	28.5	30.0	33.0	36.8	38.3
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	9.5	9.3	8.8	8.3	7.8	7.3	6.6	5.9
92.5°	23.7	23.5	23.3	23.2	22.8	22.1	21.4	20.7	20.0	19.1	18.2
95°	38.7	38.5	38.3	38.2	37.8	37.1	36.4	35.7	35.0	34.0	33.0
97.5°	55.2	55.1	55.0	55.0	54.7	54.1	53.4	52.8	52.2	50.8	49.4
100°	74.1	73.9	73.7	73.6	73.1	72.2	71.3	70.4	69.5	68.2	66.9
102.5°	93.0	92.7	92.4	92.2	91.7	90.7	89.7	88.7	87.7	87.2	86.7
105°	112.1	111.8	111.5	111.3	111.0	110.4	109.8	109.2	108.6	108.0	107.4
107.5°	131.7	131.7	131.7	131.7	131.6	131.3	131.0	130.7	130.4	129.9	129.4
110°	153.7	153.8	153.9	154.0	153.8	153.5	153.2	152.9	152.6	152.3	152.0

TEST NUMBER: P1035468

CATALOG NUMBER: S125DIW-B610D470UB27-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	175.3	175.5	175.7	175.8	175.7	175.6	175.5	175.4	175.3	174.9	174.5
115°	197.8	197.9	198.0	198.1	198.1	198.2	198.3	198.4	198.5	198.3	198.1
117.5°	220.2	220.6	221.0	221.2	221.2	221.1	221.0	220.9	220.8	220.6	220.4
120°	242.9	243.3	243.7	243.9	243.9	243.9	243.9	243.9	243.9	243.8	243.7
122.5°	265.4	265.7	266.0	266.2	266.2	266.3	266.4	266.5	266.6	266.3	266.0
125°	287.7	287.8	287.9	288.0	288.1	288.3	288.5	288.7	288.9	288.8	288.7
127.5°	309.7	310.0	310.2	310.3	310.3	310.4	310.5	310.6	310.7	310.6	310.5
130°	331.5	331.8	332.0	332.1	332.1	332.2	332.3	332.4	332.5	332.3	332.1
132.5°	352.2	352.5	352.8	353.0	353.0	353.1	353.2	353.3	353.4	353.5	353.6
135°	373.7	374.2	374.6	374.8	374.8	374.8	374.8	374.8	374.8	374.7	374.6
137.5°	394.8	395.3	395.8	396.1	396.1	396.0	395.9	395.8	395.7	395.5	395.3
140°	414.8	415.3	415.8	416.1	416.0	415.8	415.6	415.4	415.2	414.9	414.6
142.5°	433.9	434.4	434.9	435.2	435.1	435.0	434.9	434.8	434.7	434.3	433.9
145°	452.6	452.9	453.2	453.3	453.3	453.3	453.3	453.3	453.3	453.0	452.7
147.5°	469.5	470.3	471.1	471.5	471.3	471.0	470.7	470.4	470.1	469.9	469.7
150°	486.4	486.7	486.9	487.0	487.0	487.0	487.0	487.0	487.0	486.6	486.2
152.5°	501.8	502.3	502.7	502.9	502.7	502.4	502.1	501.8	501.5	501.4	501.3
155°	516.1	516.6	517.1	517.4	517.2	516.8	516.4	516.0	515.6	515.5	515.4
157.5°	528.3	529.0	529.7	530.1	529.9	529.5	529.1	528.7	528.3	528.2	528.1
160°	540.2	540.7	541.2	541.5	541.3	540.9	540.4	540.0	539.6	539.5	539.4
162.5°	550.8	551.5	552.1	552.4	552.1	551.6	551.1	550.6	550.1	550.1	550.1
165°	559.9	560.6	561.2	561.5	561.3	560.9	560.4	560.0	559.6	559.5	559.4
167.5°	567.6	568.3	568.9	569.2	568.9	568.3	567.6	567.0	566.4	566.4	566.4
170°	573.8	574.5	575.2	575.5	575.2	574.6	574.0	573.4	572.8	572.8	572.8
172.5°	578.6	579.2	579.8	580.1	579.8	579.2	578.6	578.0	577.4	577.4	577.4
175°	581.5	582.2	582.9	583.3	583.0	582.4	581.7	581.1	580.5	580.5	580.5
177.5°	583.3	584.0	584.7	585.1	584.8	584.2	583.5	582.9	582.3	582.4	582.5
180°	583.7	583.7	583.7	583.7	583.7	583.7	583.7	583.7	583.7	583.7	583.7

TEST NUMBER: P1035468

CATALOG NUMBER: S125DIW-B610D470UB27-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
0°	883.8	883.8	883.8	883.8	883.8	883.8	883.8	883.8	883.8	883.8	883.8
2.5°	909.3	905.6	901.1	901.1	895.8	893.6	889.1	887.6	883.8	877.8	873.3
5°	941.6	931.8	925.8	920.6	909.3	901.1	892.8	883.8	874.8	864.3	852.3
7.5°	973.1	955.1	946.8	937.8	921.3	904.1	887.6	875.6	863.6	847.1	832.0
10°	1006.1	983.6	968.6	956.6	931.1	909.3	885.3	868.1	849.3	828.3	808.8
12.5°	1033.9	1004.6	991.9	969.3	940.1	913.8	883.8	857.6	832.8	808.0	784.0
15°	1057.1	1029.4	997.9	988.9	948.3	910.8	877.1	843.3	812.5	787.8	760.0
17.5°	1064.6	1029.4	1013.6	991.9	943.8	904.8	862.1	825.3	796.0	759.3	737.5
20°	1066.9	1033.1	1011.4	991.1	948.3	896.6	854.6	809.5	774.3	737.5	703.0
22.5°	1060.9	1021.1	1000.1	980.6	932.6	888.3	839.5	790.0	748.8	715.0	680.5
25°	1049.6	1003.1	982.9	961.8	916.1	867.3	814.0	766.8	728.5	688.0	654.2
27.5°	1034.6	981.4	958.1	936.3	891.3	845.6	795.3	746.5	703.8	661.0	629.5
30°	1015.9	954.3	933.3	904.8	861.3	817.8	772.0	723.3	675.2	634.7	600.2
32.5°	991.9	927.3	899.6	872.6	825.3	785.5	742.0	696.2	649.7	610.0	574.0
35°	970.1	896.6	865.8	838.8	786.3	744.3	708.3	665.5	624.2	583.0	550.7
37.5°	940.8	865.8	829.0	801.3	748.0	705.3	671.5	638.5	595.0	555.2	525.2
40°	910.1	827.5	793.0	765.3	709.8	663.2	631.0	601.7	566.5	529.7	498.2
42.5°	882.3	790.8	754.0	720.3	664.0	622.7	589.7	567.2	534.9	501.9	473.4
45°	847.1	751.8	712.0	676.7	622.7	577.7	546.2	528.2	504.2	471.9	447.2
47.5°	811.0	709.8	668.5	634.0	575.5	535.7	504.9	487.7	471.2	445.7	420.9
50°	763.8	665.5	628.0	588.2	530.4	489.9	464.4	447.2	434.4	416.4	395.4
52.5°	712.0	619.7	579.2	544.7	487.7	450.9	421.7	411.9	399.1	385.6	367.6
55°	657.2	570.2	531.2	497.4	444.9	407.4	383.4	372.9	363.1	352.6	340.6
57.5°	602.5	518.4	481.7	451.7	402.9	366.9	347.4	333.1	326.4	320.4	310.6
60°	534.2	462.9	434.4	407.4	359.4	326.4	307.6	297.1	291.1	288.1	283.6
62.5°	474.2	415.6	384.1	357.9	319.6	290.4	272.3	264.1	258.8	257.3	252.1
65°	410.4	360.1	335.4	312.9	279.8	253.6	238.6	228.8	225.1	224.3	224.3
67.5°	350.4	309.9	285.1	269.3	240.8	217.6	203.3	199.6	197.3	194.3	193.6
70°	294.1	261.8	240.1	226.6	201.1	183.8	172.6	166.6	166.6	164.3	162.8
72.5°	244.6	212.3	198.1	186.8	165.8	150.8	142.6	141.1	135.8	135.0	135.0
75°	191.3	167.3	157.6	147.8	132.0	121.5	114.8	111.0	108.0	108.0	108.8
77.5°	144.1	127.5	118.5	111.0	99.8	93.0	87.8	86.3	83.3	83.3	83.3
80°	102.0	93.0	86.3	80.3	72.0	66.0	63.0	60.0	60.0	59.3	60.0
82.5°	66.0	58.5	54.8	54.0	46.5	44.3	40.5	41.3	39.0	38.3	39.8
85°	38.3	34.5	30.0	28.5	25.5	22.5	21.0	21.8	21.0	20.3	21.0
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°	17.3	16.4	15.9	15.6	15.1	14.6	14.1	13.6	14.1	14.6	15.1
95°	31.9	30.9	30.4	30.3	30.1	29.9	29.7	29.5	29.7	29.9	30.1
97.5°	48.0	46.6	45.9	45.8	45.7	45.6	45.5	45.4	45.5	45.6	45.7
100°	65.6	64.3	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
102.5°	86.2	85.7	85.4	85.1	84.6	84.1	83.6	83.1	83.6	84.1	84.6
105°	106.7	106.1	105.8	105.6	105.1	104.6	104.1	103.6	104.1	104.6	105.1
107.5°	128.9	128.4	128.1	127.8	127.3	126.8	126.3	125.8	126.3	126.8	127.3
110°	151.7	151.4	151.3	151.0	150.5	150.0	149.5	149.0	149.5	150.0	150.5

TEST NUMBER: P1035468

CATALOG NUMBER: S125DIW-B610D470UB27-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
112.5°	174.1	173.7	173.5	173.4	173.2	173.0	172.8	172.6	172.8	173.0	173.2
115°	197.9	197.7	197.6	197.4	197.0	196.6	196.2	195.8	196.2	196.6	197.0
117.5°	220.2	220.0	219.9	219.8	219.7	219.6	219.5	219.4	219.5	219.6	219.7
120°	243.6	243.5	243.5	243.2	242.7	242.2	241.7	241.2	241.7	242.2	242.7
122.5°	265.7	265.4	265.3	265.2	265.1	265.0	264.9	264.8	264.9	265.0	265.1
125°	288.6	288.5	288.4	288.1	287.5	286.9	286.3	285.7	286.3	286.9	287.5
127.5°	310.4	310.3	310.3	310.1	309.8	309.5	309.2	308.9	309.2	309.5	309.8
130°	331.9	331.7	331.6	331.3	330.8	330.3	329.8	329.3	329.8	330.3	330.8
132.5°	353.7	353.8	353.9	353.4	352.5	351.6	350.7	349.8	350.7	351.6	352.5
135°	374.5	374.4	374.3	374.0	373.4	372.8	372.2	371.6	372.2	372.8	373.4
137.5°	395.0	394.8	394.7	394.4	393.8	393.2	392.6	392.0	392.6	393.2	393.8
140°	414.3	414.0	413.8	413.6	413.1	412.6	412.1	411.6	412.1	412.6	413.1
142.5°	433.5	433.1	432.9	432.7	432.3	431.9	431.5	431.1	431.5	431.9	432.3
145°	452.4	452.1	452.0	451.8	451.4	451.0	450.6	450.2	450.6	451.0	451.4
147.5°	469.5	469.3	469.2	469.1	468.8	468.5	468.2	467.9	468.2	468.5	468.8
150°	485.7	485.3	485.1	485.2	485.3	485.4	485.5	485.6	485.5	485.4	485.3
152.5°	501.2	501.1	501.0	500.9	500.7	500.5	500.3	500.1	500.3	500.5	500.7
155°	515.3	515.2	515.1	515.1	515.1	515.1	515.1	515.1	515.1	515.1	515.1
157.5°	528.0	527.9	527.8	527.9	528.1	528.3	528.5	528.7	528.5	528.3	528.1
160°	539.3	539.2	539.2	539.4	539.7	540.0	540.3	540.6	540.3	540.0	539.7
162.5°	550.1	550.1	550.1	550.2	550.4	550.6	550.8	551.0	550.8	550.6	550.4
165°	559.3	559.2	559.2	559.3	559.5	559.7	559.9	560.1	559.9	559.7	559.5
167.5°	566.4	566.4	566.4	566.6	567.0	567.5	567.9	568.3	567.9	567.5	567.0
170°	572.8	572.8	572.8	573.0	573.4	573.8	574.2	574.6	574.2	573.8	573.4
172.5°	577.4	577.4	577.4	577.6	578.0	578.4	578.8	579.2	578.8	578.4	578.0
175°	580.5	580.5	580.5	580.7	581.1	581.5	581.9	582.3	581.9	581.5	581.1
177.5°	582.6	582.7	582.8	583.0	583.4	583.8	584.2	584.6	584.2	583.8	583.4
180°	583.7	583.7	583.7	583.7	583.7	583.7	583.7	583.7	583.7	583.7	583.7

TEST NUMBER: P1035468

CATALOG NUMBER: S125DIW-B610D470UB27-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
0°	883.8	883.8	883.8	883.8	883.8	883.8	883.8	883.8	883.8	883.8	883.8
2.5°	871.8	870.3	866.6	864.3	856.8	847.8	844.8	837.3	840.3	835.0	835.0
5°	848.6	841.8	837.3	830.5	816.3	806.5	796.0	790.8	787.8	784.0	781.0
7.5°	818.5	813.3	808.8	796.0	780.3	766.8	754.0	748.8	739.0	732.3	729.3
10°	792.3	784.8	774.3	759.3	742.8	725.5	714.3	703.0	695.5	691.7	683.5
12.5°	765.3	756.3	745.0	723.3	705.3	694.7	674.5	664.0	660.2	657.2	647.5
15°	737.5	727.8	714.3	694.0	678.2	653.5	641.5	633.2	624.2	623.5	616.0
17.5°	712.8	700.8	689.5	664.7	645.2	623.5	616.7	607.7	599.5	590.5	586.7
20°	681.2	670.0	661.7	634.7	613.0	599.5	588.2	580.7	575.5	566.5	565.0
22.5°	652.7	640.7	629.5	609.2	590.5	573.2	559.7	551.4	549.2	545.4	538.7
25°	625.0	613.0	599.5	580.7	561.2	549.2	537.2	531.9	527.4	521.4	516.2
27.5°	601.7	590.5	577.7	554.4	537.9	528.9	516.2	510.2	504.2	501.2	498.9
30°	574.0	561.2	551.4	533.4	515.4	503.4	494.4	489.2	483.9	480.9	479.4
32.5°	546.9	534.9	528.2	508.7	494.4	480.2	473.4	469.7	466.7	463.7	460.7
35°	525.2	513.2	502.7	484.7	470.4	460.7	455.4	449.4	447.2	444.2	444.2
37.5°	498.2	489.2	478.7	461.4	448.7	441.2	436.7	429.2	428.4	426.9	424.7
40°	474.9	465.9	456.2	441.2	429.9	420.9	414.9	411.1	408.9	407.4	405.9
42.5°	450.2	440.4	435.9	418.6	408.9	399.9	396.9	393.1	392.4	389.4	385.6
45°	426.2	417.9	408.9	396.1	387.9	380.4	375.9	372.9	369.1	368.4	366.1
47.5°	405.1	395.4	387.1	375.1	366.1	360.1	356.4	352.6	349.6	347.4	345.1
50°	378.1	370.6	363.9	351.1	343.6	337.6	332.4	329.4	326.4	326.4	326.4
52.5°	351.9	345.1	339.1	330.1	321.1	315.9	309.9	307.6	306.1	303.9	306.1
55°	326.4	319.6	313.6	306.9	296.4	291.9	285.9	283.6	284.4	284.4	286.6
57.5°	299.4	294.1	290.4	282.1	272.3	267.8	264.1	261.8	261.8	264.8	265.6
60°	273.1	267.8	261.1	253.6	247.6	242.3	240.1	240.8	240.8	242.3	246.1
62.5°	243.8	240.8	237.1	226.6	222.8	219.1	216.1	218.3	217.6	221.3	226.6
65°	216.8	213.8	208.6	203.3	198.8	195.1	194.3	195.1	196.6	200.3	206.3
67.5°	186.8	186.8	182.3	177.8	174.1	170.3	171.1	171.8	173.3	177.8	186.8
70°	162.1	159.1	154.6	151.6	148.6	147.1	145.6	148.6	153.1	156.1	162.8
72.5°	135.0	132.8	129.0	126.0	125.3	123.8	123.0	124.5	129.0	134.3	141.8
75°	106.5	107.3	105.0	102.8	102.8	100.5	102.0	102.0	106.5	111.8	117.8
77.5°	82.5	81.8	81.0	79.5	78.8	78.8	78.8	80.3	84.8	87.8	93.8
80°	58.5	59.3	57.0	57.8	57.0	57.8	57.8	60.8	63.0	66.8	71.3
82.5°	39.0	39.0	37.5	38.3	38.3	38.3	39.0	40.5	43.5	46.5	49.5
85°	21.8	22.5	21.0	22.5	22.5	22.5	23.3	24.0	26.3	27.0	30.0
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°	15.6	15.9	16.4	17.3	18.2	19.1	20.0	20.7	21.4	22.1	22.8
95°	30.3	30.4	30.9	31.9	33.0	34.0	35.0	35.7	36.4	37.1	37.8
97.5°	45.8	45.9	46.6	48.0	49.4	50.8	52.2	52.8	53.4	54.1	54.7
100°	63.6	63.6	64.3	65.6	66.9	68.2	69.5	70.4	71.3	72.2	73.1
102.5°	85.1	85.4	85.7	86.2	86.7	87.2	87.7	88.7	89.7	90.7	91.7
105°	105.6	105.8	106.1	106.7	107.4	108.0	108.6	109.2	109.8	110.4	111.0
107.5°	127.8	128.1	128.4	128.9	129.4	129.9	130.4	130.7	131.0	131.3	131.6
110°	151.0	151.3	151.4	151.7	152.0	152.3	152.6	152.9	153.2	153.5	153.8

TEST NUMBER: P1035468

CATALOG NUMBER: S125DIW-B610D470UB27-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
112.5°	173.4	173.5	173.7	174.1	174.5	174.9	175.3	175.4	175.5	175.6	175.7
115°	197.4	197.6	197.7	197.9	198.1	198.3	198.5	198.4	198.3	198.2	198.1
117.5°	219.8	219.9	220.0	220.2	220.4	220.6	220.8	220.9	221.0	221.1	221.2
120°	243.2	243.5	243.5	243.6	243.7	243.8	243.9	243.9	243.9	243.9	243.9
122.5°	265.2	265.3	265.4	265.7	266.0	266.3	266.6	266.5	266.4	266.3	266.2
125°	288.1	288.4	288.5	288.6	288.7	288.8	288.9	288.7	288.5	288.3	288.1
127.5°	310.1	310.3	310.3	310.4	310.5	310.6	310.7	310.6	310.5	310.4	310.3
130°	331.3	331.6	331.7	331.9	332.1	332.3	332.5	332.4	332.3	332.2	332.1
132.5°	353.4	353.9	353.8	353.7	353.6	353.5	353.4	353.3	353.2	353.1	353.0
135°	374.0	374.3	374.4	374.5	374.6	374.7	374.8	374.8	374.8	374.8	374.8
137.5°	394.4	394.7	394.8	395.0	395.3	395.5	395.7	395.8	395.9	396.0	396.1
140°	413.6	413.8	414.0	414.3	414.6	414.9	415.2	415.4	415.6	415.8	416.0
142.5°	432.7	432.9	433.1	433.5	433.9	434.3	434.7	434.8	434.9	435.0	435.1
145°	451.8	452.0	452.1	452.4	452.7	453.0	453.3	453.3	453.3	453.3	453.3
147.5°	469.1	469.2	469.3	469.5	469.7	469.9	470.1	470.4	470.7	471.0	471.3
150°	485.2	485.1	485.3	485.7	486.2	486.6	487.0	487.0	487.0	487.0	487.0
152.5°	500.9	501.0	501.1	501.2	501.3	501.4	501.5	501.8	502.1	502.4	502.7
155°	515.1	515.1	515.2	515.3	515.4	515.5	515.6	516.0	516.4	516.8	517.2
157.5°	527.9	527.8	527.9	528.0	528.1	528.2	528.3	528.7	529.1	529.5	529.9
160°	539.4	539.2	539.2	539.3	539.4	539.5	539.6	540.0	540.4	540.9	541.3
162.5°	550.2	550.1	550.1	550.1	550.1	550.1	550.1	550.6	551.1	551.6	552.1
165°	559.3	559.2	559.2	559.3	559.4	559.5	559.6	560.0	560.4	560.9	561.3
167.5°	566.6	566.4	566.4	566.4	566.4	566.4	566.4	567.0	567.6	568.3	568.9
170°	573.0	572.8	572.8	572.8	572.8	572.8	572.8	573.4	574.0	574.6	575.2
172.5°	577.6	577.4	577.4	577.4	577.4	577.4	577.4	578.0	578.6	579.2	579.8
175°	580.7	580.5	580.5	580.5	580.5	580.5	580.5	581.1	581.7	582.4	583.0
177.5°	583.0	582.8	582.7	582.6	582.5	582.4	582.3	582.9	583.5	584.2	584.8
180°	583.7	583.7	583.7	583.7	583.7	583.7	583.7	583.7	583.7	583.7	583.7

TEST NUMBER: P1035468

CATALOG NUMBER: S125DIW-B610D470UB27-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
0°	883.8	883.8	883.8	883.8	883.8	883.8	883.8	883.8	883.8	883.8	883.8
2.5°	838.0	832.8	832.0	833.5	830.5	835.0	833.5	835.0	831.3	835.0	832.8
5°	780.3	778.8	775.8	772.0	772.8	773.5	777.3	773.5	776.5	777.3	781.0
7.5°	726.3	723.3	725.5	724.0	717.3	715.8	717.3	719.5	724.0	727.0	729.3
10°	682.7	681.2	678.2	676.0	672.2	670.0	673.0	670.0	676.0	681.2	681.2
12.5°	649.7	643.7	640.0	639.2	631.0	632.5	635.5	637.7	644.5	647.5	647.5
15°	615.2	610.7	609.2	606.2	603.2	606.2	604.7	607.0	610.0	613.0	614.5
17.5°	585.2	584.5	585.2	577.7	580.0	576.2	577.0	580.7	578.5	580.7	585.2
20°	558.2	559.7	557.4	554.4	554.4	549.9	555.2	553.7	554.4	558.9	565.7
22.5°	537.9	537.2	534.9	532.7	529.7	530.4	531.2	529.7	535.7	539.4	540.2
25°	516.2	514.7	513.9	511.7	508.7	511.7	510.9	511.7	513.2	519.2	514.7
27.5°	495.9	492.9	494.4	492.2	491.4	492.2	492.2	492.9	494.4	495.2	495.9
30°	478.7	475.7	474.9	473.4	472.7	473.4	474.9	473.4	479.4	478.7	478.7
32.5°	459.9	457.7	456.2	456.2	455.4	454.7	455.4	456.2	460.7	457.7	460.7
35°	441.9	440.4	440.4	438.9	438.2	438.2	438.2	441.2	439.7	441.9	441.9
37.5°	424.7	424.7	423.9	422.4	421.7	422.4	421.7	423.2	422.4	423.2	423.9
40°	406.6	405.1	404.4	404.4	402.1	399.9	402.1	402.1	402.9	405.1	405.9
42.5°	384.9	385.6	385.6	382.6	382.6	382.6	383.4	384.1	384.1	385.6	385.6
45°	366.1	364.6	364.6	364.6	363.1	363.9	365.4	365.4	365.4	365.4	363.9
47.5°	345.1	345.1	345.9	345.9	348.1	347.4	347.4	346.6	345.1	345.1	345.9
50°	325.6	327.9	328.6	328.6	329.4	330.1	330.1	328.6	327.9	325.6	325.6
52.5°	306.9	308.4	309.9	312.1	313.6	312.9	312.9	311.4	308.4	307.6	306.9
55°	286.6	288.9	291.9	294.1	296.4	297.1	297.1	294.1	291.1	287.4	287.4
57.5°	267.8	270.1	275.3	277.6	280.6	280.6	279.1	276.8	272.3	269.3	267.1
60°	249.1	252.8	256.6	261.1	264.8	265.6	263.3	260.3	255.1	251.3	248.3
62.5°	228.8	232.6	240.1	244.6	247.6	247.6	247.6	243.8	237.1	231.8	227.3
65°	209.3	213.1	219.8	225.8	228.1	230.3	228.1	224.3	219.1	213.1	208.6
67.5°	189.1	193.6	200.3	204.8	207.8	210.1	208.6	205.6	198.8	190.6	187.6
70°	166.6	168.8	178.6	183.1	187.6	189.1	187.6	183.1	176.3	167.3	164.3
72.5°	145.6	147.8	156.8	160.6	164.3	165.8	163.6	160.6	154.6	146.3	142.6
75°	121.5	125.3	129.8	135.8	140.3	141.8	139.5	137.3	129.8	124.5	121.5
77.5°	96.0	99.8	105.8	111.0	115.5	114.8	111.8	112.5	104.3	98.3	96.0
80°	72.8	75.8	80.3	84.8	87.0	87.0	86.3	83.3	80.3	75.8	72.0
82.5°	50.3	54.0	57.8	60.8	60.8	61.5	60.0	59.3	56.3	52.5	51.8
85°	30.0	30.8	33.8	33.8	36.8	35.3	34.5	36.8	33.8	31.5	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°	9.5	9.7	10.0	10.3	10.6	10.9	10.6	10.3	10.0	9.7	9.5
92.5°	23.2	23.3	23.5	23.7	23.9	24.1	23.9	23.7	23.5	23.3	23.2
95°	38.2	38.3	38.5	38.7	38.9	39.1	38.9	38.7	38.5	38.3	38.2
97.5°	55.0	55.0	55.1	55.2	55.3	55.4	55.3	55.2	55.1	55.0	55.0
100°	73.6	73.7	73.9	74.1	74.3	74.5	74.3	74.1	73.9	73.7	73.6
102.5°	92.2	92.4	92.7	93.0	93.3	93.6	93.3	93.0	92.7	92.4	92.2
105°	111.3	111.5	111.8	112.1	112.4	112.7	112.4	112.1	111.8	111.5	111.3
107.5°	131.7	131.7	131.7	131.7	131.7	131.7	131.7	131.7	131.7	131.7	131.7
110°	154.0	153.9	153.8	153.7	153.6	153.5	153.6	153.7	153.8	153.9	154.0

TEST NUMBER: P1035468

CATALOG NUMBER: S125DIW-B610D470UB27-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
112.5°	175.8	175.7	175.5	175.3	175.1	174.9	175.1	175.3	175.5	175.7	175.8
115°	198.1	198.0	197.9	197.8	197.7	197.6	197.7	197.8	197.9	198.0	198.1
117.5°	221.2	221.0	220.6	220.2	219.8	219.4	219.8	220.2	220.6	221.0	221.2
120°	243.9	243.7	243.3	242.9	242.5	242.1	242.5	242.9	243.3	243.7	243.9
122.5°	266.2	266.0	265.7	265.4	265.1	264.8	265.1	265.4	265.7	266.0	266.2
125°	288.0	287.9	287.8	287.7	287.6	287.5	287.6	287.7	287.8	287.9	288.0
127.5°	310.3	310.2	310.0	309.7	309.5	309.3	309.5	309.7	310.0	310.2	310.3
130°	332.1	332.0	331.8	331.5	331.3	331.1	331.3	331.5	331.8	332.0	332.1
132.5°	353.0	352.8	352.5	352.2	351.9	351.6	351.9	352.2	352.5	352.8	353.0
135°	374.8	374.6	374.2	373.7	373.3	372.9	373.3	373.7	374.2	374.6	374.8
137.5°	396.1	395.8	395.3	394.8	394.3	393.8	394.3	394.8	395.3	395.8	396.1
140°	416.1	415.8	415.3	414.8	414.3	413.8	414.3	414.8	415.3	415.8	416.1
142.5°	435.2	434.9	434.4	433.9	433.4	432.9	433.4	433.9	434.4	434.9	435.2
145°	453.3	453.2	452.9	452.6	452.3	452.0	452.3	452.6	452.9	453.2	453.3
147.5°	471.5	471.1	470.3	469.5	468.7	467.9	468.7	469.5	470.3	471.1	471.5
150°	487.0	486.9	486.7	486.4	486.2	486.0	486.2	486.4	486.7	486.9	487.0
152.5°	502.9	502.7	502.3	501.8	501.4	501.0	501.4	501.8	502.3	502.7	502.9
155°	517.4	517.1	516.6	516.1	515.6	515.1	515.6	516.1	516.6	517.1	517.4
157.5°	530.1	529.7	529.0	528.3	527.6	526.9	527.6	528.3	529.0	529.7	530.1
160°	541.5	541.2	540.7	540.2	539.7	539.2	539.7	540.2	540.7	541.2	541.5
162.5°	552.4	552.1	551.5	550.8	550.2	549.6	550.2	550.8	551.5	552.1	552.4
165°	561.5	561.2	560.6	559.9	559.3	558.7	559.3	559.9	560.6	561.2	561.5
167.5°	569.2	568.9	568.3	567.6	567.0	566.4	567.0	567.6	568.3	568.9	569.2
170°	575.5	575.2	574.5	573.8	573.1	572.4	573.1	573.8	574.5	575.2	575.5
172.5°	580.1	579.8	579.2	578.6	578.0	577.4	578.0	578.6	579.2	579.8	580.1
175°	583.3	582.9	582.2	581.5	580.8	580.1	580.8	581.5	582.2	582.9	583.3
177.5°	585.1	584.7	584.0	583.3	582.6	581.9	582.6	583.3	584.0	584.7	585.1
180°	583.7	583.7	583.7	583.7	583.7	583.7	583.7	583.7	583.7	583.7	583.7

TEST NUMBER: P1035468

CATALOG NUMBER: S125DIW-B610D470UB27-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
0°	883.8	883.8	883.8	883.8	883.8	883.8	883.8	883.8	883.8	883.8	883.8
2.5°	839.5	835.0	840.3	833.5	835.0	843.3	842.6	850.1	854.6	853.8	857.6
5°	784.0	784.0	786.3	785.5	793.0	799.8	808.8	816.3	824.5	829.0	834.3
7.5°	729.3	736.8	738.3	742.0	751.0	762.3	771.3	782.5	794.5	802.8	808.8
10°	684.2	690.2	696.2	699.2	709.0	724.0	736.8	754.8	769.8	778.8	787.0
12.5°	644.5	651.2	654.2	667.7	674.5	684.2	702.3	721.8	738.3	748.0	754.8
15°	616.0	619.7	626.5	634.7	641.5	653.5	668.5	690.2	706.0	714.3	737.5
17.5°	592.0	596.5	600.2	604.0	614.5	627.2	641.5	660.2	680.5	694.7	706.8
20°	567.2	569.5	574.0	580.0	587.5	599.5	612.2	631.7	649.7	661.0	676.7
22.5°	537.9	544.7	549.2	553.7	562.0	575.5	587.5	601.7	624.2	637.0	653.5
25°	520.7	523.7	526.7	531.9	537.9	549.9	563.5	578.5	596.5	610.0	624.2
27.5°	498.2	502.7	506.4	513.2	516.9	526.7	539.4	554.4	576.2	587.5	599.5
30°	479.4	483.9	486.9	489.9	495.2	505.7	517.7	529.7	549.9	564.2	576.2
32.5°	460.7	465.2	468.9	471.2	476.4	483.2	492.9	507.9	525.2	534.9	550.7
35°	444.2	444.2	448.7	451.7	456.2	462.2	471.2	482.4	500.4	513.2	527.4
37.5°	425.4	426.2	429.9	432.2	436.7	442.7	451.7	462.2	477.2	486.9	501.2
40°	405.9	408.1	409.6	413.4	418.6	420.9	429.9	441.9	456.9	465.9	477.9
42.5°	386.4	387.9	391.6	394.6	399.1	402.9	408.9	420.2	431.4	444.9	454.7
45°	364.6	368.4	370.6	375.9	378.1	381.9	387.9	396.9	410.4	418.6	429.9
47.5°	345.9	347.4	348.9	355.6	360.1	362.4	368.4	373.6	387.9	395.4	405.9
50°	325.6	325.6	327.9	330.9	336.1	340.6	345.9	351.9	363.1	370.6	381.1
52.5°	306.9	304.6	306.1	307.6	312.9	317.4	322.6	330.9	341.4	345.9	354.9
55°	286.6	282.9	285.1	287.4	288.9	294.9	300.9	306.1	314.4	321.1	329.4
57.5°	264.8	264.1	262.6	263.3	267.1	270.8	275.3	282.1	291.9	297.1	301.6
60°	245.3	240.8	239.3	240.8	243.1	245.3	251.3	257.3	265.6	270.8	276.1
62.5°	225.1	220.6	217.6	215.3	217.6	222.8	226.6	231.1	237.8	243.8	248.3
65°	205.6	198.8	195.8	194.3	193.6	197.3	200.3	206.3	212.3	214.6	219.8
67.5°	183.8	177.8	174.1	171.8	171.8	171.8	174.8	180.8	186.8	187.6	192.8
70°	162.1	155.3	151.6	148.6	147.1	148.6	152.3	153.1	158.3	159.8	162.8
72.5°	138.8	132.8	128.3	124.5	125.3	126.8	126.8	128.3	131.3	135.0	135.0
75°	117.0	108.8	106.5	103.5	102.0	102.0	102.0	105.0	107.3	110.3	109.5
77.5°	92.3	87.8	83.3	81.8	79.5	78.8	80.3	80.3	81.8	84.0	84.8
80°	71.3	66.0	63.0	61.5	58.5	57.8	58.5	58.5	60.8	60.0	60.8
82.5°	49.5	45.8	43.5	41.3	39.8	40.5	39.8	39.8	40.5	39.8	39.8
85°	28.5	27.8	26.3	25.5	24.8	23.3	24.8	24.0	23.3	22.5	24.0
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°	22.8	22.1	21.4	20.7	20.0	19.1	18.2	17.3	16.4	15.9	15.6
95°	37.8	37.1	36.4	35.7	35.0	34.0	33.0	31.9	30.9	30.4	30.3
97.5°	54.7	54.1	53.4	52.8	52.2	50.8	49.4	48.0	46.6	45.9	45.8
100°	73.1	72.2	71.3	70.4	69.5	68.2	66.9	65.6	64.3	63.6	63.6
102.5°	91.7	90.7	89.7	88.7	87.7	87.2	86.7	86.2	85.7	85.4	85.1
105°	111.0	110.4	109.8	109.2	108.6	108.0	107.4	106.7	106.1	105.8	105.6
107.5°	131.6	131.3	131.0	130.7	130.4	129.9	129.4	128.9	128.4	128.1	127.8
110°	153.8	153.5	153.2	152.9	152.6	152.3	152.0	151.7	151.4	151.3	151.0

TEST NUMBER: P1035468

CATALOG NUMBER: S125DIW-B610D470UB27-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
112.5°	175.7	175.6	175.5	175.4	175.3	174.9	174.5	174.1	173.7	173.5	173.4
115°	198.1	198.2	198.3	198.4	198.5	198.3	198.1	197.9	197.7	197.6	197.4
117.5°	221.2	221.1	221.0	220.9	220.8	220.6	220.4	220.2	220.0	219.9	219.8
120°	243.9	243.9	243.9	243.9	243.9	243.8	243.7	243.6	243.5	243.5	243.2
122.5°	266.2	266.3	266.4	266.5	266.6	266.3	266.0	265.7	265.4	265.3	265.2
125°	288.1	288.3	288.5	288.7	288.9	288.8	288.7	288.6	288.5	288.4	288.1
127.5°	310.3	310.4	310.5	310.6	310.7	310.6	310.5	310.4	310.3	310.3	310.1
130°	332.1	332.2	332.3	332.4	332.5	332.3	332.1	331.9	331.7	331.6	331.3
132.5°	353.0	353.1	353.2	353.3	353.4	353.5	353.6	353.7	353.8	353.9	353.4
135°	374.8	374.8	374.8	374.8	374.8	374.7	374.6	374.5	374.4	374.3	374.0
137.5°	396.1	396.0	395.9	395.8	395.7	395.5	395.3	395.0	394.8	394.7	394.4
140°	416.0	415.8	415.6	415.4	415.2	414.9	414.6	414.3	414.0	413.8	413.6
142.5°	435.1	435.0	434.9	434.8	434.7	434.3	433.9	433.5	433.1	432.9	432.7
145°	453.3	453.3	453.3	453.3	453.3	453.0	452.7	452.4	452.1	452.0	451.8
147.5°	471.3	471.0	470.7	470.4	470.1	469.9	469.7	469.5	469.3	469.2	469.1
150°	487.0	487.0	487.0	487.0	487.0	486.6	486.2	485.7	485.3	485.1	485.2
152.5°	502.7	502.4	502.1	501.8	501.5	501.4	501.3	501.2	501.1	501.0	500.9
155°	517.2	516.8	516.4	516.0	515.6	515.5	515.4	515.3	515.2	515.1	515.1
157.5°	529.9	529.5	529.1	528.7	528.3	528.2	528.1	528.0	527.9	527.8	527.9
160°	541.3	540.9	540.4	540.0	539.6	539.5	539.4	539.3	539.2	539.2	539.4
162.5°	552.1	551.6	551.1	550.6	550.1	550.1	550.1	550.1	550.1	550.1	550.2
165°	561.3	560.9	560.4	560.0	559.6	559.5	559.4	559.3	559.2	559.2	559.3
167.5°	568.9	568.3	567.6	567.0	566.4	566.4	566.4	566.4	566.4	566.4	566.6
170°	575.2	574.6	574.0	573.4	572.8	572.8	572.8	572.8	572.8	572.8	573.0
172.5°	579.8	579.2	578.6	578.0	577.4	577.4	577.4	577.4	577.4	577.4	577.6
175°	583.0	582.4	581.7	581.1	580.5	580.5	580.5	580.5	580.5	580.5	580.7
177.5°	584.8	584.2	583.5	582.9	582.3	582.4	582.5	582.6	582.7	582.8	583.0
180°	583.7	583.7	583.7	583.7	583.7	583.7	583.7	583.7	583.7	583.7	583.7

TEST NUMBER: P1035468

CATALOG NUMBER: S125DIW-B610D470UB27-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
0°	883.8	883.8	883.8	883.8
2.5°	862.8	870.3	875.6	885.3
5°	843.3	856.8	869.6	883.1
7.5°	823.8	839.5	859.8	877.1
10°	802.0	822.3	846.3	869.6
12.5°	780.3	804.3	830.5	861.3
15°	754.0	784.8	815.5	848.6
17.5°	730.8	762.3	795.3	836.5
20°	704.5	739.0	775.0	817.0
22.5°	681.2	719.5	757.0	801.3
25°	655.0	692.5	733.8	781.0
27.5°	633.2	667.7	708.3	759.3
30°	607.0	644.5	685.0	736.0
32.5°	582.2	618.2	661.0	711.3
35°	556.7	593.5	631.7	679.7
37.5°	532.7	564.2	602.5	648.2
40°	505.7	540.2	574.7	610.7
42.5°	480.9	512.4	544.7	573.2
45°	453.2	480.2	510.9	534.2
47.5°	427.7	451.7	475.7	493.7
50°	402.1	420.9	438.9	454.7
52.5°	372.1	393.1	402.9	412.6
55°	345.1	357.1	366.1	375.9
57.5°	318.9	324.1	328.6	337.6
60°	284.4	290.4	295.6	302.4
62.5°	254.3	257.3	258.8	265.6
65°	225.8	225.1	228.8	232.6
67.5°	195.1	194.3	198.1	199.6
70°	165.1	164.3	165.1	168.8
72.5°	136.5	136.5	137.3	138.8
75°	110.3	110.3	111.0	112.5
77.5°	83.3	84.8	84.0	87.0
80°	60.8	59.3	60.8	62.3
82.5°	39.8	41.3	41.3	39.8
85°	22.5	22.5	22.5	22.5
87.5°	9.8	9.8	10.5	11.3
90°	2.9	2.1	1.3	0.5
92.5°	15.1	14.6	14.1	13.6
95°	30.1	29.9	29.7	29.5
97.5°	45.7	45.6	45.5	45.4
100°	63.6	63.6	63.6	63.6
102.5°	84.6	84.1	83.6	83.1
105°	105.1	104.6	104.1	103.6
107.5°	127.3	126.8	126.3	125.8
110°	150.5	150.0	149.5	149.0

TEST NUMBER: P1035468

CATALOG NUMBER: S125DIW-B610D470UB27-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
112.5°	173.2	173.0	172.8	172.6
115°	197.0	196.6	196.2	195.8
117.5°	219.7	219.6	219.5	219.4
120°	242.7	242.2	241.7	241.2
122.5°	265.1	265.0	264.9	264.8
125°	287.5	286.9	286.3	285.7
127.5°	309.8	309.5	309.2	308.9
130°	330.8	330.3	329.8	329.3
132.5°	352.5	351.6	350.7	349.8
135°	373.4	372.8	372.2	371.6
137.5°	393.8	393.2	392.6	392.0
140°	413.1	412.6	412.1	411.6
142.5°	432.3	431.9	431.5	431.1
145°	451.4	451.0	450.6	450.2
147.5°	468.8	468.5	468.2	467.9
150°	485.3	485.4	485.5	485.6
152.5°	500.7	500.5	500.3	500.1
155°	515.1	515.1	515.1	515.1
157.5°	528.1	528.3	528.5	528.7
160°	539.7	540.0	540.3	540.6
162.5°	550.4	550.6	550.8	551.0
165°	559.5	559.7	559.9	560.1
167.5°	567.0	567.5	567.9	568.3
170°	573.4	573.8	574.2	574.6
172.5°	578.0	578.4	578.8	579.2
175°	581.1	581.5	581.9	582.3
177.5°	583.4	583.8	584.2	584.6
180°	583.7	583.7	583.7	583.7

(END OF REPORT)