

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: P1028062

Luminaire Tested: S125DIP-B610D375UB27-4F0-XX-W2A-A4

Issue Date: 5/7/2025

Test Information

Test Method: LM-79-2019
Report Number: P1028062
REPORT IS A COMBINATION OF REPORTS P1002241 AND P1007351
Test Lab: INNOVATION CENTER
Issue Date: 5/7/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: NEO-RAY
Catalog Number: S125DIP-B610D375UB27-4F0-XX-W2A-A4
Description: Define 5 Direct/Indirect Pendant with 2700K BioUP LEDs {m-DER=0.473} {m-EER=0.52}
Light Source: -
Ballast/Driver: -

Summary

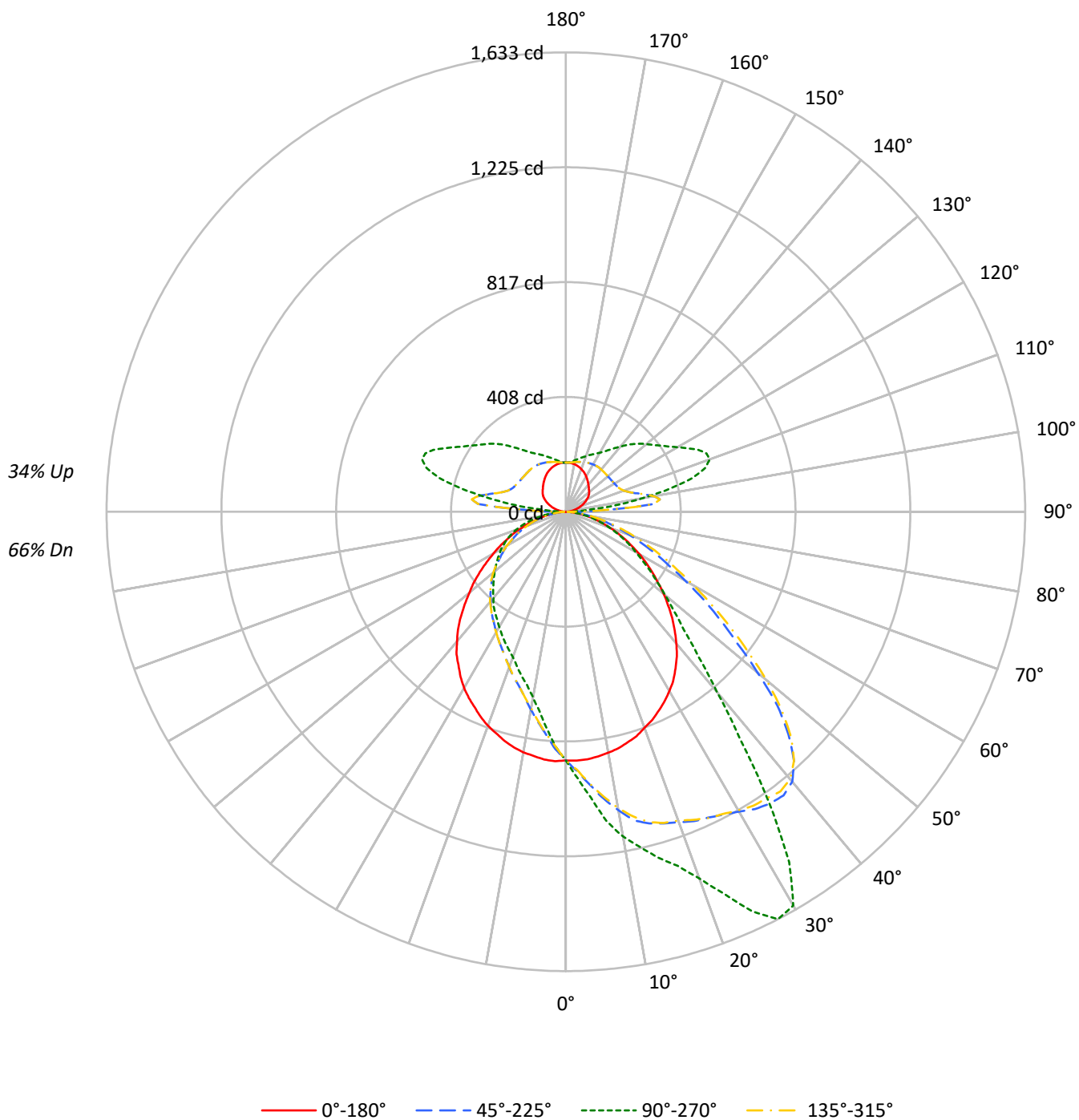
Lumens per Lamp: N/A
Luminaire Lumens: 3808.0 lumens
Efficiency: N/A
Efficacy: 114.4 lumens/watt
Spacing Criteria (0/90/45): 1.23 / 1.43 / 1.52
Luminous Opening: Rectangular w/ Sides (W: 0.42' x L: 4' x H: 0.1')
CIE Type: Semi-Direct

Input Watts (W): 33.3
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

TEST NUMBER: P1028062

CATALOG NUMBER: S125DIP-B610D375UB27-4F0-XX-W2A-A4

Luminous Intensity Polar Plot



TEST NUMBER: P1028062

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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	111	111	111	111	104	104	104	104	92	92	92	81	81	81	70	70	70
1	102	97	93	90	95	92	88	85	81	79	76	72	70	68	63	61	60
2	93	85	79	74	87	80	75	70	72	67	64	63	60	57	56	53	51
3	85	75	68	62	79	71	64	59	63	58	54	56	52	49	49	46	44
4	78	67	59	53	73	63	56	50	56	51	46	50	46	42	44	41	38
5	71	60	51	45	67	57	49	44	51	45	40	45	40	36	40	36	33
6	66	54	45	39	62	51	43	38	46	40	35	41	36	32	36	32	29
7	61	49	40	35	57	46	39	33	42	35	31	37	32	28	33	29	26
8	57	44	36	31	53	42	35	30	38	32	28	34	29	25	30	26	23
9	53	40	33	28	50	38	31	27	35	29	25	31	26	23	28	24	21
10	49	37	30	25	47	35	29	24	32	26	22	29	24	21	26	22	19

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

TEST NUMBER: P1028062

CATALOG NUMBER: S125DIP-B610D375UB27-4F0-XX-W2A-A4

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	85.1	2.2
10°-20°	253.4	6.7
20°-30°	411.6	10.8
30°-40°	503.0	13.2
40°-50°	456.3	12.0
50°-60°	363.4	9.5
60°-70°	253.1	6.6
70°-80°	134.8	3.5
80°-90°	34.1	0.9
90°-100°	127.2	3.3
100°-110°	274.3	7.2
110°-120°	255.7	6.7
120°-130°	207.1	5.4
130°-140°	166.3	4.4
140°-150°	125.4	3.3
150°-160°	88.3	2.3
160°-170°	52.1	1.4
170°-180°	16.9	0.4
0°-30°	750.0	19.7
0°-40°	1253.0	32.9
0°-60°	2072.6	54.4
0°-90°	2494.7	65.5
90°-120°	657.2	17.3
90°-150°	1156.0	30.4
90°-180°	1313.0	34.5
0°-180°	3808.0	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	8	0	8	0	2
95°	12	83	12	83	12	12
105°	40	467	40	467	40	42
115°	71	520	71	520	71	70
125°	99	410	99	410	99	88
135°	116	340	116	340	116	90
145°	135	269	135	269	135	84
155°	154	225	154	225	154	71
165°	168	197	168	197	168	47
175°	174	177	174	177	174	17
180°	175	175	175	175	175	

TEST NUMBER: P1028062

CATALOG NUMBER: S125DIP-B610D375UB27-4F0-XX-W2A-A4

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°	0.4	0.7	1.4	2.1	2.8	3.2	3.5	3.9	4.6	4.9	5.6
92.5°	5.3	6.3	9.9	15.2	22.6	29.0	35.3	59.2	99.4	143.1	140.7
95°	11.6	12.0	14.8	18.7	26.4	34.3	42.3	80.0	157.6	254.9	312.3
97.5°	18.0	18.3	20.4	24.3	31.4	37.2	43.0	69.1	128.7	233.7	337.4
100°	24.7	25.4	26.8	30.7	37.4	42.6	47.9	68.4	114.2	203.1	318.3
102.5°	32.1	32.4	33.5	37.7	43.7	48.8	53.9	71.6	108.2	179.8	284.8
105°	39.8	39.8	41.6	45.1	50.8	55.7	60.6	76.1	107.5	166.4	255.6
107.5°	47.2	47.9	49.7	52.5	58.5	62.9	67.3	82.5	110.0	159.3	233.7
110°	55.3	56.1	57.5	60.6	65.9	70.5	75.1	89.5	113.9	156.5	219.3

TEST NUMBER: P1028062

CATALOG NUMBER: S125DIP-B610D375UB27-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	63.5	64.2	65.2	68.4	73.7	78.1	82.5	96.2	118.8	156.5	210.8
115°	71.2	71.9	73.0	76.1	81.4	85.8	90.2	103.3	123.7	157.6	205.2
117.5°	78.3	79.3	80.4	83.5	89.5	93.8	98.0	110.3	129.4	159.3	202.0
120°	85.3	86.4	87.8	91.0	96.9	101.4	105.8	118.1	135.0	162.2	199.9
122.5°	92.7	93.4	94.5	97.6	104.3	108.8	113.2	125.5	141.4	164.6	198.1
125°	98.7	99.4	101.2	104.3	111.0	115.6	120.2	131.8	147.0	167.4	196.7
127.5°	103.6	104.7	106.8	110.7	117.7	122.3	126.9	138.2	152.3	170.6	196.0
130°	108.2	109.3	112.1	116.7	124.1	128.7	133.3	144.2	157.6	173.4	195.3
132.5°	111.7	113.2	116.7	122.0	129.7	134.3	138.9	149.8	162.2	176.6	195.3
135°	115.6	117.0	121.3	126.9	134.3	139.0	143.8	154.8	166.4	179.4	195.3
137.5°	120.6	121.6	125.5	131.1	138.5	143.4	148.4	158.3	169.6	182.3	195.7
140°	124.8	125.9	130.1	135.7	142.4	147.2	151.9	162.2	172.7	184.0	196.0
142.5°	129.7	130.4	134.3	140.0	146.3	150.7	155.1	164.6	174.5	185.1	196.4
145°	134.7	135.4	138.9	143.8	150.2	154.2	158.3	167.4	176.3	185.8	196.0
147.5°	140.0	140.3	143.5	148.1	153.7	157.4	161.1	169.2	177.3	186.1	195.3
150°	144.5	145.2	147.7	152.3	157.2	160.2	163.2	171.0	178.4	186.1	194.2
152.5°	149.5	149.8	151.9	155.8	160.4	163.0	165.7	172.7	179.1	185.8	192.8
155°	153.7	153.7	155.8	159.3	162.9	165.4	167.8	173.8	179.4	185.1	191.1
157.5°	157.6	157.6	159.3	162.5	165.7	167.6	169.6	174.9	179.8	184.4	189.3
160°	161.5	161.1	162.5	165.0	167.8	169.4	171.0	175.6	179.8	183.3	187.5
162.5°	164.6	164.3	165.7	167.8	169.9	171.2	172.4	176.3	179.4	182.3	185.4
165°	167.8	167.1	168.2	169.9	171.3	172.4	173.4	176.3	179.1	181.2	183.3
167.5°	169.9	169.6	170.3	171.3	172.4	173.1	173.8	176.3	178.4	179.4	181.2
170°	172.0	171.7	172.0	172.7	173.4	174.0	174.5	176.3	177.7	178.4	179.4
172.5°	173.4	172.7	173.1	173.8	174.1	174.3	174.5	175.9	177.0	177.0	177.3
175°	174.5	173.8	174.1	174.5	174.5	174.5	174.5	175.6	176.3	175.9	175.9
177.5°	175.2	174.5	174.5	174.9	174.5	174.5	174.5	175.2	175.6	174.9	174.9
180°	174.9	174.9	174.9	174.9	174.9	174.9	174.9	174.9	174.9	174.9	174.9

TEST NUMBER: P1028062

CATALOG NUMBER: S125DIP-B610D375UB27-4F0-XX-W2A-A4

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°	6.0	6.3	6.7	7.1	7.4	7.8	7.8	7.8	8.1	8.1	8.1
92.5°	113.5	76.5	55.0	40.9	37.6	34.2	28.6	27.5	26.8	26.1	26.8
95°	305.6	253.5	199.9	156.5	141.7	126.9	101.9	91.3	88.5	82.8	88.5
97.5°	381.8	363.5	320.8	277.1	256.0	234.8	213.6	195.3	185.8	181.5	185.8
100°	406.5	433.6	416.3	380.0	361.7	343.4	319.0	293.7	280.6	275.0	280.6
102.5°	391.7	457.2	474.8	462.2	451.2	440.3	413.9	397.6	383.2	379.3	383.2
105°	356.8	441.4	489.7	505.2	503.2	501.3	490.0	478.4	471.3	467.1	471.3
107.5°	323.6	408.9	472.7	510.1	517.8	525.6	528.8	527.0	523.5	520.0	523.5
110°	296.1	372.3	439.2	488.9	503.9	518.9	534.8	541.5	543.9	543.9	543.9

TEST NUMBER: P1028062

CATALOG NUMBER: S125DIP-B610D375UB27-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	275.7	343.4	406.1	456.5	474.8	493.2	518.2	530.9	537.9	541.1	537.9
115°	261.9	320.1	374.7	423.0	442.2	461.5	488.9	505.9	515.7	520.3	515.7
117.5°	252.8	303.9	352.2	394.5	412.6	430.8	458.6	476.3	486.1	488.9	486.1
120°	245.4	291.2	333.5	372.3	387.8	403.3	429.4	446.3	455.8	458.6	455.8
122.5°	239.0	281.7	320.1	353.6	367.8	382.1	404.7	419.9	429.4	431.8	429.4
125°	233.4	272.5	308.5	339.1	351.8	364.5	384.2	398.7	406.5	410.0	406.5
127.5°	228.1	263.0	297.2	326.1	338.1	350.1	368.0	381.1	388.5	389.9	388.5
130°	222.8	254.2	285.2	312.7	324.2	335.6	353.2	364.9	371.9	374.0	371.9
132.5°	218.6	245.4	273.9	298.2	309.2	320.1	337.7	349.4	355.7	358.2	355.7
135°	215.4	238.0	262.3	284.8	294.8	304.9	320.4	332.1	338.4	340.5	338.4
137.5°	212.2	231.3	251.7	271.1	279.9	288.7	302.8	313.7	319.7	322.2	319.7
140°	210.1	226.0	242.5	258.8	266.2	273.6	286.6	295.8	301.1	302.8	301.1
142.5°	208.3	221.4	234.8	248.2	254.4	260.5	271.1	278.5	283.4	284.8	283.4
145°	206.6	217.5	228.4	239.4	244.2	248.9	257.3	263.3	267.2	268.6	267.2
147.5°	204.8	213.6	222.8	231.6	235.3	239.0	246.1	251.0	253.5	254.2	253.5
150°	202.7	210.5	218.2	224.9	228.1	231.3	236.5	240.8	242.2	242.5	242.2
152.5°	200.2	206.9	213.6	219.6	221.9	224.2	228.4	231.6	233.0	233.4	233.0
155°	197.4	203.4	209.0	214.0	216.0	217.9	221.4	223.9	224.9	225.3	224.9
157.5°	194.9	199.9	204.8	208.7	210.3	211.9	214.7	216.8	217.9	217.9	217.9
160°	191.8	196.4	199.9	203.4	204.6	205.9	208.3	210.1	210.8	210.5	210.8
162.5°	189.0	192.5	195.7	198.5	199.6	200.6	202.3	203.8	203.8	203.8	203.8
165°	186.1	189.0	191.4	193.5	194.4	195.3	196.7	197.4	197.4	197.4	197.4
167.5°	183.3	185.4	187.2	189.0	189.7	190.4	191.1	191.8	191.4	191.4	191.4
170°	180.8	182.6	183.7	184.7	185.0	185.4	186.1	186.5	186.5	186.1	186.5
172.5°	178.4	179.4	180.5	181.2	181.4	181.5	181.5	182.3	181.5	181.2	181.5
175°	176.3	177.3	177.3	178.0	178.0	178.0	178.0	178.4	177.7	177.3	177.7
177.5°	175.2	175.6	175.9	175.9	175.9	175.9	175.6	175.9	174.9	174.9	174.9
180°	174.9	174.9	174.9	174.9	174.9	174.9	174.9	174.9	174.9	174.9	174.9

TEST NUMBER: P1028062

CATALOG NUMBER: S125DIP-B610D375UB27-4F0-XX-W2A-A4

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°	7.8	7.8	7.8	7.4	7.1	6.7	6.3	6.0	5.6	4.9	4.6
92.5°	27.5	28.6	34.2	37.6	40.9	55.0	76.5	113.5	140.7	143.1	99.4
95°	91.3	101.9	126.9	141.7	156.5	199.9	253.5	305.6	312.3	254.9	157.6
97.5°	195.3	213.6	234.8	256.0	277.1	320.8	363.5	381.8	337.4	233.7	128.7
100°	293.7	319.0	343.4	361.7	380.0	416.3	433.6	406.5	318.3	203.1	114.2
102.5°	397.6	413.9	440.3	451.2	462.2	474.8	457.2	391.7	284.8	179.8	108.2
105°	478.4	490.0	501.3	503.2	505.2	489.7	441.4	356.8	255.6	166.4	107.5
107.5°	527.0	528.8	525.6	517.8	510.1	472.7	408.9	323.6	233.7	159.3	110.0
110°	541.5	534.8	518.9	503.9	488.9	439.2	372.3	296.1	219.3	156.5	113.9

TEST NUMBER: P1028062

CATALOG NUMBER: S125DIP-B610D375UB27-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	530.9	518.2	493.2	474.8	456.5	406.1	343.4	275.7	210.8	156.5	118.8
115°	505.9	488.9	461.5	442.2	423.0	374.7	320.1	261.9	205.2	157.6	123.7
117.5°	476.3	458.6	430.8	412.6	394.5	352.2	303.9	252.8	202.0	159.3	129.4
120°	446.3	429.4	403.3	387.8	372.3	333.5	291.2	245.4	199.9	162.2	135.0
122.5°	419.9	404.7	382.1	367.8	353.6	320.1	281.7	239.0	198.1	164.6	141.4
125°	398.7	384.2	364.5	351.8	339.1	308.5	272.5	233.4	196.7	167.4	147.0
127.5°	381.1	368.0	350.1	338.1	326.1	297.2	263.0	228.1	196.0	170.6	152.3
130°	364.9	353.2	335.6	324.2	312.7	285.2	254.2	222.8	195.3	173.4	157.6
132.5°	349.4	337.7	320.1	309.2	298.2	273.9	245.4	218.6	195.3	176.6	162.2
135°	332.1	320.4	304.9	294.8	284.8	262.3	238.0	215.4	195.3	179.4	166.4
137.5°	313.7	302.8	288.7	279.9	271.1	251.7	231.3	212.2	195.7	182.3	169.6
140°	295.8	286.6	273.6	266.2	258.8	242.5	226.0	210.1	196.0	184.0	172.7
142.5°	278.5	271.1	260.5	254.4	248.2	234.8	221.4	208.3	196.4	185.1	174.5
145°	263.3	257.3	248.9	244.2	239.4	228.4	217.5	206.6	196.0	185.8	176.3
147.5°	251.0	246.1	239.0	235.3	231.6	222.8	213.6	204.8	195.3	186.1	177.3
150°	240.8	236.5	231.3	228.1	224.9	218.2	210.5	202.7	194.2	186.1	178.4
152.5°	231.6	228.4	224.2	221.9	219.6	213.6	206.9	200.2	192.8	185.8	179.1
155°	223.9	221.4	217.9	216.0	214.0	209.0	203.4	197.4	191.1	185.1	179.4
157.5°	216.8	214.7	211.9	210.3	208.7	204.8	199.9	194.9	189.3	184.4	179.8
160°	210.1	208.3	205.9	204.6	203.4	199.9	196.4	191.8	187.5	183.3	179.8
162.5°	203.8	202.3	200.6	199.6	198.5	195.7	192.5	189.0	185.4	182.3	179.4
165°	197.4	196.7	195.3	194.4	193.5	191.4	189.0	186.1	183.3	181.2	179.1
167.5°	191.8	191.1	190.4	189.7	189.0	187.2	185.4	183.3	181.2	179.4	178.4
170°	186.5	186.1	185.4	185.0	184.7	183.7	182.6	180.8	179.4	178.4	177.7
172.5°	182.3	181.5	181.5	181.4	181.2	180.5	179.4	178.4	177.3	177.0	177.0
175°	178.4	178.0	178.0	178.0	178.0	177.3	177.3	176.3	175.9	175.9	176.3
177.5°	175.9	175.6	175.9	175.9	175.9	175.9	175.6	175.2	174.9	174.9	175.6
180°	174.9	174.9	174.9	174.9	174.9	174.9	174.9	174.9	174.9	174.9	174.9

TEST NUMBER: P1028062

CATALOG NUMBER: S125DIP-B610D375UB27-4F0-XX-W2A-A4

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°	3.9	3.5	3.2	2.8	2.1	1.4	0.7	0.4	0.7	1.4	2.1
92.5°	59.2	35.3	29.0	22.6	15.2	9.9	6.3	5.3	6.3	9.9	15.2
95°	80.0	42.3	34.3	26.4	18.7	14.8	12.0	11.6	12.0	14.8	18.7
97.5°	69.1	43.0	37.2	31.4	24.3	20.4	18.3	18.0	18.3	20.4	24.3
100°	68.4	47.9	42.6	37.4	30.7	26.8	25.4	24.7	25.4	26.8	30.7
102.5°	71.6	53.9	48.8	43.7	37.7	33.5	32.4	32.1	32.4	33.5	37.7
105°	76.1	60.6	55.7	50.8	45.1	41.6	39.8	39.8	39.8	41.6	45.1
107.5°	82.5	67.3	62.9	58.5	52.5	49.7	47.9	47.2	47.9	49.7	52.5
110°	89.5	75.1	70.5	65.9	60.6	57.5	56.1	55.3	56.1	57.5	60.6

TEST NUMBER: P1028062

CATALOG NUMBER: S125DIP-B610D375UB27-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
112.5°	96.2	82.5	78.1	73.7	68.4	65.2	64.2	63.5	64.2	65.2	68.4
115°	103.3	90.2	85.8	81.4	76.1	73.0	71.9	71.2	71.9	73.0	76.1
117.5°	110.3	98.0	93.8	89.5	83.5	80.4	79.3	78.3	79.3	80.4	83.5
120°	118.1	105.8	101.4	96.9	91.0	87.8	86.4	85.3	86.4	87.8	91.0
122.5°	125.5	113.2	108.8	104.3	97.6	94.5	93.4	92.7	93.4	94.5	97.6
125°	131.8	120.2	115.6	111.0	104.3	101.2	99.4	98.7	99.4	101.2	104.3
127.5°	138.2	126.9	122.3	117.7	110.7	106.8	104.7	103.6	104.7	106.8	110.7
130°	144.2	133.3	128.7	124.1	116.7	112.1	109.3	108.2	109.3	112.1	116.7
132.5°	149.8	138.9	134.3	129.7	122.0	116.7	113.2	111.7	113.2	116.7	122.0
135°	154.8	143.8	139.0	134.3	126.9	121.3	117.0	115.6	117.0	121.3	126.9
137.5°	158.3	148.4	143.4	138.5	131.1	125.5	121.6	120.6	121.6	125.5	131.1
140°	162.2	151.9	147.2	142.4	135.7	130.1	125.9	124.8	125.9	130.1	135.7
142.5°	164.6	155.1	150.7	146.3	140.0	134.3	130.4	129.7	130.4	134.3	140.0
145°	167.4	158.3	154.2	150.2	143.8	138.9	135.4	134.7	135.4	138.9	143.8
147.5°	169.2	161.1	157.4	153.7	148.1	143.5	140.3	140.0	140.3	143.5	148.1
150°	171.0	163.2	160.2	157.2	152.3	147.7	145.2	144.5	145.2	147.7	152.3
152.5°	172.7	165.7	163.0	160.4	155.8	151.9	149.8	149.5	149.8	151.9	155.8
155°	173.8	167.8	165.4	162.9	159.3	155.8	153.7	153.7	153.7	155.8	159.3
157.5°	174.9	169.6	167.6	165.7	162.5	159.3	157.6	157.6	157.6	159.3	162.5
160°	175.6	171.0	169.4	167.8	165.0	162.5	161.1	161.5	161.1	162.5	165.0
162.5°	176.3	172.4	171.2	169.9	167.8	165.7	164.3	164.6	164.3	165.7	167.8
165°	176.3	173.4	172.4	171.3	169.9	168.2	167.1	167.8	167.1	168.2	169.9
167.5°	176.3	173.8	173.1	172.4	171.3	170.3	169.6	169.9	169.6	170.3	171.3
170°	176.3	174.5	174.0	173.4	172.7	172.0	171.7	172.0	171.7	172.0	172.7
172.5°	175.9	174.5	174.3	174.1	173.8	173.1	172.7	173.4	172.7	173.1	173.8
175°	175.6	174.5	174.5	174.5	174.5	174.1	173.8	174.5	173.8	174.1	174.5
177.5°	175.2	174.5	174.5	174.5	174.9	174.5	174.5	175.2	174.5	174.5	174.9
180°	174.9	174.9	174.9	174.9	174.9	174.9	174.9	174.9	174.9	174.9	174.9

TEST NUMBER: P1028062

CATALOG NUMBER: S125DIP-B610D375UB27-4F0-XX-W2A-A4

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°	2.8	3.2	3.5	3.9	4.6	4.9	5.6	6.0	6.3	6.7	7.1
92.5°	22.6	29.0	35.3	59.2	99.4	143.1	140.7	113.5	76.5	55.0	40.9
95°	26.4	34.3	42.3	80.0	157.6	254.9	312.3	305.6	253.5	199.9	156.5
97.5°	31.4	37.2	43.0	69.1	128.7	233.7	337.4	381.8	363.5	320.8	277.1
100°	37.4	42.6	47.9	68.4	114.2	203.1	318.3	406.5	433.6	416.3	380.0
102.5°	43.7	48.8	53.9	71.6	108.2	179.8	284.8	391.7	457.2	474.8	462.2
105°	50.8	55.7	60.6	76.1	107.5	166.4	255.6	356.8	441.4	489.7	505.2
107.5°	58.5	62.9	67.3	82.5	110.0	159.3	233.7	323.6	408.9	472.7	510.1
110°	65.9	70.5	75.1	89.5	113.9	156.5	219.3	296.1	372.3	439.2	488.9

TEST NUMBER: P1028062

CATALOG NUMBER: S125DIP-B610D375UB27-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
112.5°	73.7	78.1	82.5	96.2	118.8	156.5	210.8	275.7	343.4	406.1	456.5
115°	81.4	85.8	90.2	103.3	123.7	157.6	205.2	261.9	320.1	374.7	423.0
117.5°	89.5	93.8	98.0	110.3	129.4	159.3	202.0	252.8	303.9	352.2	394.5
120°	96.9	101.4	105.8	118.1	135.0	162.2	199.9	245.4	291.2	333.5	372.3
122.5°	104.3	108.8	113.2	125.5	141.4	164.6	198.1	239.0	281.7	320.1	353.6
125°	111.0	115.6	120.2	131.8	147.0	167.4	196.7	233.4	272.5	308.5	339.1
127.5°	117.7	122.3	126.9	138.2	152.3	170.6	196.0	228.1	263.0	297.2	326.1
130°	124.1	128.7	133.3	144.2	157.6	173.4	195.3	222.8	254.2	285.2	312.7
132.5°	129.7	134.3	138.9	149.8	162.2	176.6	195.3	218.6	245.4	273.9	298.2
135°	134.3	139.0	143.8	154.8	166.4	179.4	195.3	215.4	238.0	262.3	284.8
137.5°	138.5	143.4	148.4	158.3	169.6	182.3	195.7	212.2	231.3	251.7	271.1
140°	142.4	147.2	151.9	162.2	172.7	184.0	196.0	210.1	226.0	242.5	258.8
142.5°	146.3	150.7	155.1	164.6	174.5	185.1	196.4	208.3	221.4	234.8	248.2
145°	150.2	154.2	158.3	167.4	176.3	185.8	196.0	206.6	217.5	228.4	239.4
147.5°	153.7	157.4	161.1	169.2	177.3	186.1	195.3	204.8	213.6	222.8	231.6
150°	157.2	160.2	163.2	171.0	178.4	186.1	194.2	202.7	210.5	218.2	224.9
152.5°	160.4	163.0	165.7	172.7	179.1	185.8	192.8	200.2	206.9	213.6	219.6
155°	162.9	165.4	167.8	173.8	179.4	185.1	191.1	197.4	203.4	209.0	214.0
157.5°	165.7	167.6	169.6	174.9	179.8	184.4	189.3	194.9	199.9	204.8	208.7
160°	167.8	169.4	171.0	175.6	179.8	183.3	187.5	191.8	196.4	199.9	203.4
162.5°	169.9	171.2	172.4	176.3	179.4	182.3	185.4	189.0	192.5	195.7	198.5
165°	171.3	172.4	173.4	176.3	179.1	181.2	183.3	186.1	189.0	191.4	193.5
167.5°	172.4	173.1	173.8	176.3	178.4	179.4	181.2	183.3	185.4	187.2	189.0
170°	173.4	174.0	174.5	176.3	177.7	178.4	179.4	180.8	182.6	183.7	184.7
172.5°	174.1	174.3	174.5	175.9	177.0	177.0	177.3	178.4	179.4	180.5	181.2
175°	174.5	174.5	174.5	175.6	176.3	175.9	175.9	176.3	177.3	177.3	178.0
177.5°	174.5	174.5	174.5	175.2	175.6	174.9	174.9	175.2	175.6	175.9	175.9
180°	174.9	174.9	174.9	174.9	174.9	174.9	174.9	174.9	174.9	174.9	174.9

TEST NUMBER: P1028062

CATALOG NUMBER: S125DIP-B610D375UB27-4F0-XX-W2A-A4

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°	7.4	7.8	7.8	7.8	8.1	8.1	8.1	7.8	7.8	7.8	7.4
92.5°	37.6	34.2	28.6	27.5	26.8	26.1	26.8	27.5	28.6	34.2	37.6
95°	141.7	126.9	101.9	91.3	88.5	82.8	88.5	91.3	101.9	126.9	141.7
97.5°	256.0	234.8	213.6	195.3	185.8	181.5	185.8	195.3	213.6	234.8	256.0
100°	361.7	343.4	319.0	293.7	280.6	275.0	280.6	293.7	319.0	343.4	361.7
102.5°	451.2	440.3	413.9	397.6	383.2	379.3	383.2	397.6	413.9	440.3	451.2
105°	503.2	501.3	490.0	478.4	471.3	467.1	471.3	478.4	490.0	501.3	503.2
107.5°	517.8	525.6	528.8	527.0	523.5	520.0	523.5	527.0	528.8	525.6	517.8
110°	503.9	518.9	534.8	541.5	543.9	543.9	543.9	541.5	534.8	518.9	503.9

TEST NUMBER: P1028062

CATALOG NUMBER: S125DIP-B610D375UB27-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
112.5°	474.8	493.2	518.2	530.9	537.9	541.1	537.9	530.9	518.2	493.2	474.8
115°	442.2	461.5	488.9	505.9	515.7	520.3	515.7	505.9	488.9	461.5	442.2
117.5°	412.6	430.8	458.6	476.3	486.1	488.9	486.1	476.3	458.6	430.8	412.6
120°	387.8	403.3	429.4	446.3	455.8	458.6	455.8	446.3	429.4	403.3	387.8
122.5°	367.8	382.1	404.7	419.9	429.4	431.8	429.4	419.9	404.7	382.1	367.8
125°	351.8	364.5	384.2	398.7	406.5	410.0	406.5	398.7	384.2	364.5	351.8
127.5°	338.1	350.1	368.0	381.1	388.5	389.9	388.5	381.1	368.0	350.1	338.1
130°	324.2	335.6	353.2	364.9	371.9	374.0	371.9	364.9	353.2	335.6	324.2
132.5°	309.2	320.1	337.7	349.4	355.7	358.2	355.7	349.4	337.7	320.1	309.2
135°	294.8	304.9	320.4	332.1	338.4	340.5	338.4	332.1	320.4	304.9	294.8
137.5°	279.9	288.7	302.8	313.7	319.7	322.2	319.7	313.7	302.8	288.7	279.9
140°	266.2	273.6	286.6	295.8	301.1	302.8	301.1	295.8	286.6	273.6	266.2
142.5°	254.4	260.5	271.1	278.5	283.4	284.8	283.4	278.5	271.1	260.5	254.4
145°	244.2	248.9	257.3	263.3	267.2	268.6	267.2	263.3	257.3	248.9	244.2
147.5°	235.3	239.0	246.1	251.0	253.5	254.2	253.5	251.0	246.1	239.0	235.3
150°	228.1	231.3	236.5	240.8	242.2	242.5	242.2	240.8	236.5	231.3	228.1
152.5°	221.9	224.2	228.4	231.6	233.0	233.4	233.0	231.6	228.4	224.2	221.9
155°	216.0	217.9	221.4	223.9	224.9	225.3	224.9	223.9	221.4	217.9	216.0
157.5°	210.3	211.9	214.7	216.8	217.9	217.9	217.9	216.8	214.7	211.9	210.3
160°	204.6	205.9	208.3	210.1	210.8	210.5	210.8	210.1	208.3	205.9	204.6
162.5°	199.6	200.6	202.3	203.8	203.8	203.8	203.8	203.8	202.3	200.6	199.6
165°	194.4	195.3	196.7	197.4	197.4	197.4	197.4	197.4	196.7	195.3	194.4
167.5°	189.7	190.4	191.1	191.8	191.4	191.4	191.4	191.8	191.1	190.4	189.7
170°	185.0	185.4	186.1	186.5	186.5	186.1	186.5	186.5	186.1	185.4	185.0
172.5°	181.4	181.5	181.5	182.3	181.5	181.2	181.5	182.3	181.5	181.5	181.4
175°	178.0	178.0	178.0	178.4	177.7	177.3	177.7	178.4	178.0	178.0	178.0
177.5°	175.9	175.9	175.6	175.9	174.9	174.9	174.9	175.9	175.6	175.9	175.9
180°	174.9	174.9	174.9	174.9	174.9	174.9	174.9	174.9	174.9	174.9	174.9

TEST NUMBER: P1028062

CATALOG NUMBER: S125DIP-B610D375UB27-4F0-XX-W2A-A4

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°	7.1	6.7	6.3	6.0	5.6	4.9	4.6	3.9	3.5	3.2	2.8
92.5°	40.9	55.0	76.5	113.5	140.7	143.1	99.4	59.2	35.3	29.0	22.6
95°	156.5	199.9	253.5	305.6	312.3	254.9	157.6	80.0	42.3	34.3	26.4
97.5°	277.1	320.8	363.5	381.8	337.4	233.7	128.7	69.1	43.0	37.2	31.4
100°	380.0	416.3	433.6	406.5	318.3	203.1	114.2	68.4	47.9	42.6	37.4
102.5°	462.2	474.8	457.2	391.7	284.8	179.8	108.2	71.6	53.9	48.8	43.7
105°	505.2	489.7	441.4	356.8	255.6	166.4	107.5	76.1	60.6	55.7	50.8
107.5°	510.1	472.7	408.9	323.6	233.7	159.3	110.0	82.5	67.3	62.9	58.5
110°	488.9	439.2	372.3	296.1	219.3	156.5	113.9	89.5	75.1	70.5	65.9

TEST NUMBER: P1028062

CATALOG NUMBER: S125DIP-B610D375UB27-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
112.5°	456.5	406.1	343.4	275.7	210.8	156.5	118.8	96.2	82.5	78.1	73.7
115°	423.0	374.7	320.1	261.9	205.2	157.6	123.7	103.3	90.2	85.8	81.4
117.5°	394.5	352.2	303.9	252.8	202.0	159.3	129.4	110.3	98.0	93.8	89.5
120°	372.3	333.5	291.2	245.4	199.9	162.2	135.0	118.1	105.8	101.4	96.9
122.5°	353.6	320.1	281.7	239.0	198.1	164.6	141.4	125.5	113.2	108.8	104.3
125°	339.1	308.5	272.5	233.4	196.7	167.4	147.0	131.8	120.2	115.6	111.0
127.5°	326.1	297.2	263.0	228.1	196.0	170.6	152.3	138.2	126.9	122.3	117.7
130°	312.7	285.2	254.2	222.8	195.3	173.4	157.6	144.2	133.3	128.7	124.1
132.5°	298.2	273.9	245.4	218.6	195.3	176.6	162.2	149.8	138.9	134.3	129.7
135°	284.8	262.3	238.0	215.4	195.3	179.4	166.4	154.8	143.8	139.0	134.3
137.5°	271.1	251.7	231.3	212.2	195.7	182.3	169.6	158.3	148.4	143.4	138.5
140°	258.8	242.5	226.0	210.1	196.0	184.0	172.7	162.2	151.9	147.2	142.4
142.5°	248.2	234.8	221.4	208.3	196.4	185.1	174.5	164.6	155.1	150.7	146.3
145°	239.4	228.4	217.5	206.6	196.0	185.8	176.3	167.4	158.3	154.2	150.2
147.5°	231.6	222.8	213.6	204.8	195.3	186.1	177.3	169.2	161.1	157.4	153.7
150°	224.9	218.2	210.5	202.7	194.2	186.1	178.4	171.0	163.2	160.2	157.2
152.5°	219.6	213.6	206.9	200.2	192.8	185.8	179.1	172.7	165.7	163.0	160.4
155°	214.0	209.0	203.4	197.4	191.1	185.1	179.4	173.8	167.8	165.4	162.9
157.5°	208.7	204.8	199.9	194.9	189.3	184.4	179.8	174.9	169.6	167.6	165.7
160°	203.4	199.9	196.4	191.8	187.5	183.3	179.8	175.6	171.0	169.4	167.8
162.5°	198.5	195.7	192.5	189.0	185.4	182.3	179.4	176.3	172.4	171.2	169.9
165°	193.5	191.4	189.0	186.1	183.3	181.2	179.1	176.3	173.4	172.4	171.3
167.5°	189.0	187.2	185.4	183.3	181.2	179.4	178.4	176.3	173.8	173.1	172.4
170°	184.7	183.7	182.6	180.8	179.4	178.4	177.7	176.3	174.5	174.0	173.4
172.5°	181.2	180.5	179.4	178.4	177.3	177.0	177.0	175.9	174.5	174.3	174.1
175°	178.0	177.3	177.3	176.3	175.9	175.9	176.3	175.6	174.5	174.5	174.5
177.5°	175.9	175.9	175.6	175.2	174.9	174.9	175.6	175.2	174.5	174.5	174.5
180°	174.9	174.9	174.9	174.9	174.9	174.9	174.9	174.9	174.9	174.9	174.9

TEST NUMBER: P1028062

CATALOG NUMBER: S125DIP-B610D375UB27-4F0-XX-W2A-A4

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°	2.1	1.4	0.7	0.4
92.5°	15.2	9.9	6.3	5.3
95°	18.7	14.8	12.0	11.6
97.5°	24.3	20.4	18.3	18.0
100°	30.7	26.8	25.4	24.7
102.5°	37.7	33.5	32.4	32.1
105°	45.1	41.6	39.8	39.8
107.5°	52.5	49.7	47.9	47.2
110°	60.6	57.5	56.1	55.3



TEST NUMBER: P1028062

CATALOG NUMBER: S125DIP-B610D375UB27-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
112.5°	68.4	65.2	64.2	63.5
115°	76.1	73.0	71.9	71.2
117.5°	83.5	80.4	79.3	78.3
120°	91.0	87.8	86.4	85.3
122.5°	97.6	94.5	93.4	92.7
125°	104.3	101.2	99.4	98.7
127.5°	110.7	106.8	104.7	103.6
130°	116.7	112.1	109.3	108.2
132.5°	122.0	116.7	113.2	111.7
135°	126.9	121.3	117.0	115.6
137.5°	131.1	125.5	121.6	120.6
140°	135.7	130.1	125.9	124.8
142.5°	140.0	134.3	130.4	129.7
145°	143.8	138.9	135.4	134.7
147.5°	148.1	143.5	140.3	140.0
150°	152.3	147.7	145.2	144.5
152.5°	155.8	151.9	149.8	149.5
155°	159.3	155.8	153.7	153.7
157.5°	162.5	159.3	157.6	157.6
160°	165.0	162.5	161.1	161.5
162.5°	167.8	165.7	164.3	164.6
165°	169.9	168.2	167.1	167.8
167.5°	171.3	170.3	169.6	169.9
170°	172.7	172.0	171.7	172.0
172.5°	173.8	173.1	172.7	173.4
175°	174.5	174.1	173.8	174.5
177.5°	174.9	174.5	174.5	175.2
180°	174.9	174.9	174.9	174.9

(END OF REPORT)