

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: P1009121

Luminaire Tested: S122DIP-B485D725UB27-4F0-XX-W2A-A1

Issue Date: 5/6/2025

Test Information

Test Method: LM-79-2019
Report Number: P1009121
REPORT IS A COMBINATION OF REPORTS P984299 AND P1007351
Test Lab: INNOVATION CENTER
Issue Date: 5/6/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: NEO-RAY
Catalog Number: S122DIP-B485D725UB27-4F0-XX-W2A-A1
Description: Define 2 Direct/Indirect Pendant with 2700K BioUP LEDs {m-DER=0.473} {m-EER=0.52}
Light Source: -
Ballast/Driver: -

Summary

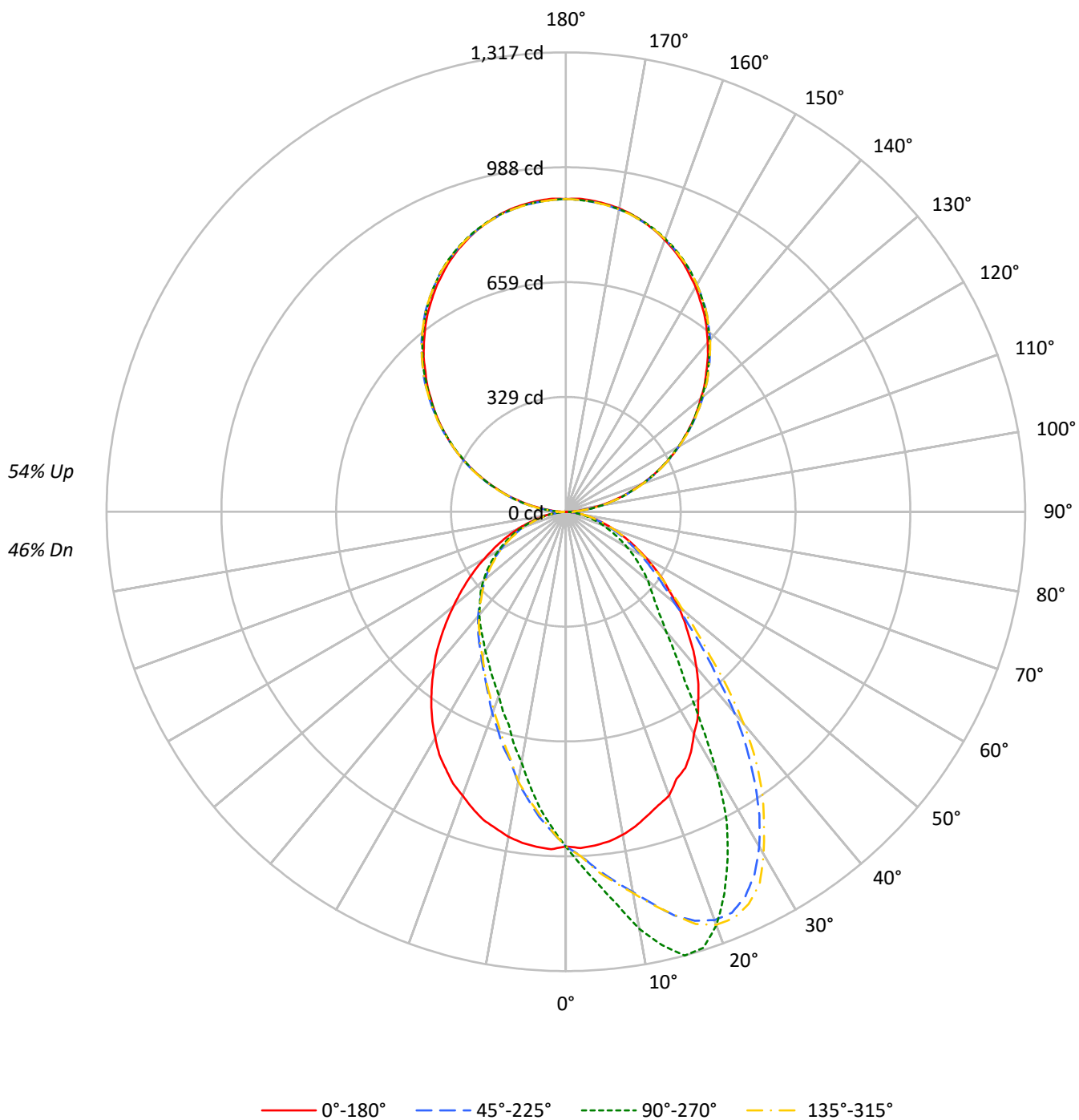
Lumens per Lamp: N/A
Luminaire Lumens: 4627.0 lumens
Efficiency: N/A
Efficacy: 102.6 lumens/watt
Spacing Criteria (0/90/45): 1.16 / 1.09 / 1.23
Luminous Opening: Rectangular w/ Sides (W: 0.17' x L: 4' x H: 0.1')
CIE Type: General Diffuse

Input Watts (W): 45.1
Input Voltage (V):
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT

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Luminous Intensity Polar Plot



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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20
RC	80				70				50				30				10
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10
RCR																	
0	106	106	106	106	97	97	97	97	81	81	81	66	66	66	52	52	52
1	97	93	89	86	89	86	83	80	72	69	67	59	57	56	47	46	45
2	89	82	76	71	81	75	70	66	63	60	56	52	50	47	42	40	39
3	81	72	65	60	74	67	61	56	56	52	48	46	43	41	37	35	33
4	75	64	57	51	68	59	53	48	50	45	41	42	38	35	34	31	29
5	69	57	50	44	63	53	46	41	45	40	36	38	34	31	31	28	26
6	63	52	44	38	58	48	41	36	41	35	31	34	30	27	28	25	23
7	59	47	39	34	54	43	37	32	37	32	28	31	27	24	26	23	20
8	55	43	35	30	50	40	33	28	34	29	25	29	25	22	24	21	18
9	51	39	32	27	47	36	30	25	31	26	22	26	22	20	22	19	17
10	48	36	29	24	44	33	27	23	29	24	20	24	21	18	20	17	15

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	15188	15188	15188	15188
5°	15226	16194	15283	12885
10°	15048	17679	15142	10622
15°	14683	18647	14887	8948
20°	14455	17508	14455	7777
25°	13993	15041	14057	6954
30°	13236	11824	13488	6300
35°	12565	8176	12774	5763
40°	11791	6173	11927	5336
45°	10841	5073	11018	4875
50°	10017	4452	10037	4463
55°	9078	3794	9140	4015
60°	8078	3169	8190	3505
65°	7185	2577	7316	2993
70°	6293	2022	6453	2413
75°	5281	1468	5488	1751
80°	4120	931	4415	1039
85°	2712	468	2924	348

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 157.5°

Vertical Angle: 45°

Luminance: 15700 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	91.4	2.0
10°-20°	266.0	5.7
20°-30°	386.1	8.3
30°-40°	407.0	8.8
40°-50°	360.1	7.8
50°-60°	287.6	6.2
60°-70°	195.3	4.2
70°-80°	99.9	2.2
80°-90°	26.2	0.6
90°-100°	55.5	1.2
100°-110°	176.4	3.8
110°-120°	301.8	6.5
120°-130°	396.9	8.6
130°-140°	445.5	9.6
140°-150°	436.9	9.4
150°-160°	366.5	7.9
160°-170°	243.1	5.3
170°-180°	84.9	1.8
0°-30°	743.5	16.1
0°-40°	1150.4	24.9
0°-60°	1798.1	38.9
0°-90°	2119.6	45.8
90°-120°	533.6	11.5
90°-150°	1812.9	39.2
90°-180°	2507.0	54.2
0°-180°	4627.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	960	960	960	960	960	
5°	960	1072	964	853	960	91
15°	902	1317	914	632	902	255
25°	810	1097	814	507	810	371
35°	662	597	673	421	662	414
45°	496	360	504	346	496	385
55°	341	253	343	268	341	304
65°	202	156	206	181	202	201
75°	94	77	98	92	94	101
85°	19	20	21	15	19	22
90°	1	26	1	26	1	4
95°	39	47	39	47	39	44
105°	163	168	163	168	163	172
115°	303	303	303	303	303	300
125°	440	442	440	442	440	394
135°	570	577	570	577	570	440
145°	692	699	692	699	692	432
155°	791	797	791	797	791	364
165°	860	861	860	861	860	243
175°	895	892	895	892	895	85
180°	897	897	897	897	897	

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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	959.5	959.5	959.5	959.5	959.5	959.5	959.5	959.5	959.5	959.5	959.5
2.5°	964.7	966.9	970.6	971.3	978.7	984.6	991.2	991.2	993.4	992.7	986.8
5°	960.3	966.9	976.5	984.6	997.9	1003.8	1012.6	1019.3	1025.2	1029.6	1028.9
7.5°	952.9	964.7	978.7	994.2	1011.9	1022.2	1034.8	1046.6	1054.7	1062.0	1067.2
10°	940.3	960.3	979.4	1000.1	1023.0	1037.0	1051.7	1067.2	1079.7	1093.8	1107.0
12.5°	923.4	952.1	975.7	1003.0	1031.1	1046.6	1070.2	1082.0	1106.3	1141.7	1151.3
15°	902.0	941.1	963.2	997.9	1034.8	1047.3	1079.7	1098.9	1149.1	1171.2	1197.7
17.5°	882.1	925.6	955.1	994.9	1031.1	1055.4	1087.1	1126.2	1168.2	1200.0	1229.5
20°	865.9	907.9	943.3	987.5	1033.3	1064.3	1097.4	1144.6	1190.4	1222.8	1245.7
22.5°	829.0	882.8	924.1	973.5	1028.9	1071.6	1103.3	1155.0	1204.4	1224.3	1244.2
25°	810.5	857.0	904.9	961.0	1025.9	1076.8	1104.1	1161.6	1205.1	1212.5	1216.9
27.5°	776.6	829.0	885.0	949.2	1025.2	1067.9	1102.6	1155.0	1189.6	1184.5	1171.2
30°	734.6	798.7	860.7	930.0	1014.8	1061.3	1093.8	1141.7	1159.4	1132.8	1109.2
32.5°	703.6	764.1	832.7	913.1	1003.0	1047.3	1079.0	1116.6	1120.3	1072.4	1032.5
35°	661.6	728.7	806.1	890.9	983.1	1023.0	1052.5	1075.3	1057.6	990.5	943.3
37.5°	623.9	690.3	772.9	859.2	955.8	994.9	1018.5	1022.2	978.7	919.7	850.4
40°	582.6	651.2	737.5	828.2	925.6	959.5	974.3	963.2	900.5	831.9	751.5
42.5°	541.3	609.2	702.1	795.1	887.2	916.0	921.9	891.7	815.0	734.6	641.6
45°	496.4	567.2	660.1	753.8	843.0	859.2	860.0	816.4	725.7	641.6	555.4
47.5°	459.5	525.1	617.3	711.0	786.2	797.3	792.8	742.7	643.9	549.5	474.2
50°	418.9	481.6	573.1	665.2	729.4	732.4	721.3	649.8	553.1	466.9	407.1
52.5°	375.4	438.8	522.9	611.4	668.9	664.5	643.1	566.4	475.7	404.2	358.4
55°	340.7	396.8	475.7	562.0	602.6	590.0	566.4	488.2	416.7	356.2	316.4
57.5°	302.4	351.8	429.2	504.5	528.1	516.3	492.7	419.7	353.3	307.5	281.0
60°	266.2	311.2	379.1	441.8	460.2	447.7	420.4	354.8	306.8	268.5	248.5
62.5°	233.1	272.1	328.9	386.5	393.8	381.3	357.7	304.6	263.3	233.1	218.3
65°	202.1	239.0	284.7	328.2	334.8	321.6	297.2	258.9	224.2	205.0	191.0
67.5°	171.8	201.3	241.9	273.6	277.3	264.8	244.9	213.9	192.5	171.8	161.5
70°	145.3	167.4	199.1	224.9	226.4	214.6	204.3	176.3	160.0	145.3	137.2
72.5°	119.5	135.0	159.3	178.5	179.2	171.8	162.3	144.6	130.5	120.2	112.1
75°	94.4	107.7	122.4	139.4	138.7	132.8	125.4	114.3	102.5	95.9	92.2
77.5°	72.3	80.4	92.2	103.3	103.3	100.3	95.9	87.8	80.4	73.8	70.1
80°	51.6	56.8	66.4	70.1	71.5	70.8	67.1	61.2	58.3	53.1	51.6
82.5°	33.2	36.9	41.3	45.0	47.2	45.7	45.0	42.0	37.6	36.1	34.7
85°	19.2	20.7	22.9	25.1	25.8	25.1	26.6	24.3	22.1	22.1	21.4
87.5°	8.1	8.9	10.3	10.3	11.1	11.1	10.3	11.1	11.1	10.3	9.6
90°	0.8	2.8	4.8	6.8	8.8	9.8	11.7	15.4	19.1	22.8	26.5
92.5°	16.7	18.0	19.4	20.7	22.0	22.7	22.8	23.0	23.1	23.3	23.5
95°	39.4	41.1	42.7	44.4	46.1	46.9	47.1	47.4	47.7	48.1	48.4
97.5°	65.8	67.3	68.9	70.4	71.9	72.7	73.0	73.7	74.4	75.0	75.7
100°	96.1	97.5	98.8	100.2	101.5	102.2	102.4	102.9	103.4	103.9	104.4
102.5°	127.9	128.9	129.9	130.9	131.9	132.4	132.7	133.4	134.1	134.8	135.5
105°	162.7	163.2	163.7	164.2	164.7	165.0	165.2	165.5	165.8	166.2	166.5
107.5°	197.5	198.2	198.9	199.6	200.3	200.6	200.6	200.6	200.6	200.6	200.6
110°	230.8	231.8	232.8	233.9	234.9	235.4	235.4	235.4	235.4	235.4	235.4

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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	267.2	268.2	269.2	270.2	271.2	271.7	271.6	271.4	271.3	271.1	270.9
115°	302.7	303.7	304.7	305.8	306.8	307.3	307.1	306.8	306.5	306.1	305.8
117.5°	338.3	339.7	341.0	342.4	343.7	344.4	344.0	343.1	342.3	341.4	340.6
120°	373.9	375.2	376.6	377.9	379.2	379.9	379.2	377.9	376.6	375.2	373.9
122.5°	406.4	408.1	409.8	411.5	413.2	414.0	413.6	412.7	411.9	411.0	410.2
125°	440.5	442.0	443.5	445.0	446.5	447.3	447.0	446.5	446.0	445.5	445.0
127.5°	473.8	475.6	477.5	479.3	481.2	482.1	481.8	481.1	480.4	479.8	479.1
130°	504.8	507.0	509.2	511.4	513.6	514.7	514.5	514.2	513.8	513.5	513.1
132.5°	539.6	541.3	543.0	544.7	546.4	547.2	547.3	547.5	547.6	547.8	548.0
135°	569.9	571.7	573.6	575.4	577.3	578.2	578.4	578.7	579.0	579.4	579.7
137.5°	603.2	604.7	606.2	607.7	609.2	610.0	610.2	610.5	610.8	611.2	611.5
140°	632.7	634.2	635.7	637.2	638.7	639.5	639.9	640.8	641.6	642.5	643.3
142.5°	663.0	664.5	666.0	667.5	669.0	669.8	670.1	670.6	671.1	671.6	672.1
145°	691.8	693.0	694.2	695.3	696.5	697.1	697.6	698.6	699.6	700.6	701.6
147.5°	717.5	719.0	720.5	722.0	723.5	724.3	724.6	725.3	726.0	726.6	727.3
150°	744.0	745.0	746.0	747.0	748.0	748.5	748.8	749.5	750.2	750.8	751.5
152.5°	767.4	768.4	769.4	770.5	771.5	772.0	772.4	773.3	774.1	775.0	775.8
155°	790.9	791.4	791.9	792.4	792.9	793.2	793.4	793.9	794.4	794.9	795.4
157.5°	811.3	811.6	812.0	812.3	812.6	812.8	813.0	813.3	813.7	814.0	814.4
160°	829.5	829.8	830.2	830.5	830.8	831.0	831.1	831.3	831.4	831.6	831.8
162.5°	846.2	846.2	846.2	846.2	846.2	846.2	846.3	846.4	846.6	846.7	846.9
165°	860.5	860.3	860.2	860.0	859.9	859.8	859.8	859.8	859.8	859.8	859.8
167.5°	873.4	872.9	872.4	871.9	871.4	871.1	871.1	871.1	871.1	871.1	871.1
170°	883.2	882.7	882.2	881.7	881.2	881.0	880.9	880.7	880.6	880.4	880.2
172.5°	890.0	889.5	889.0	888.5	888.0	887.8	887.7	887.5	887.4	887.2	887.0
175°	895.3	894.8	894.3	893.8	893.3	893.1	892.9	892.6	892.3	891.9	891.6
177.5°	898.4	897.9	897.4	896.9	896.4	896.1	895.9	895.6	895.3	894.9	894.6
180°	896.9	896.9	896.9	896.9	896.9	896.9	896.9	896.9	896.9	896.9	896.9

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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	959.5	959.5	959.5	959.5	959.5	959.5	959.5	959.5	959.5	959.5	959.5
2.5°	997.1	997.9	999.3	1006.7	1010.4	1011.1	1008.2	1014.8	1017.1	1014.8	1013.4
5°	1044.3	1048.8	1057.6	1067.2	1066.5	1067.2	1071.6	1076.1	1077.5	1071.6	1073.8
7.5°	1085.6	1094.5	1104.1	1118.8	1118.8	1126.2	1129.2	1132.8	1141.7	1137.3	1135.8
10°	1132.8	1144.6	1162.3	1185.9	1186.7	1194.1	1201.4	1213.2	1216.9	1214.0	1215.4
12.5°	1191.8	1214.7	1216.2	1242.0	1253.8	1255.3	1267.1	1264.9	1272.2	1272.2	1284.8
15°	1217.7	1253.1	1273.0	1298.0	1305.4	1296.6	1306.2	1316.5	1317.2	1317.2	1316.5
17.5°	1264.1	1278.1	1298.0	1311.3	1314.3	1314.3	1315.0	1319.4	1316.5	1310.6	1315.0
20°	1273.7	1279.6	1287.0	1285.5	1287.0	1279.6	1272.2	1264.9	1265.6	1261.9	1273.0
22.5°	1256.0	1254.5	1237.6	1226.5	1226.5	1211.8	1197.7	1191.1	1184.5	1186.7	1190.4
25°	1211.8	1188.9	1168.2	1152.0	1148.3	1124.7	1105.6	1099.7	1088.6	1097.4	1098.9
27.5°	1141.0	1115.1	1082.0	1067.9	1048.8	1039.2	1025.9	1008.2	985.3	998.6	996.4
30°	1065.0	1026.6	999.3	965.4	935.2	933.0	907.9	878.4	866.6	866.6	873.2
32.5°	980.2	929.3	889.5	841.5	812.0	799.5	769.2	739.7	746.4	724.3	732.4
35°	881.3	814.2	764.1	717.6	695.5	680.7	641.6	625.4	607.7	597.4	616.6
37.5°	786.9	709.5	645.3	594.4	586.3	559.8	533.2	522.9	512.6	517.0	516.3
40°	671.9	603.3	545.8	505.9	491.9	479.4	461.7	449.2	442.5	446.2	446.9
42.5°	567.9	510.4	467.6	439.6	427.8	418.9	410.1	399.7	397.5	397.5	400.5
45°	487.5	440.3	411.5	388.7	382.0	375.4	368.8	364.3	362.9	359.9	362.1
47.5°	423.3	385.7	368.0	351.1	343.7	342.2	336.3	334.1	331.1	330.4	331.1
50°	369.5	345.9	329.7	320.1	314.9	312.7	309.8	305.3	303.9	307.5	306.1
52.5°	331.9	309.8	300.9	291.3	288.4	285.4	281.0	281.7	281.0	279.5	279.5
55°	294.3	280.3	271.4	264.0	263.3	260.3	256.7	255.2	254.4	253.0	255.2
57.5°	264.0	253.0	244.9	238.2	235.3	235.3	231.6	228.6	228.6	227.9	228.6
60°	233.8	222.7	217.6	210.9	208.7	208.0	205.8	204.3	202.1	202.1	202.1
62.5°	205.8	196.9	191.0	185.1	185.9	182.2	179.2	177.7	177.7	178.5	178.5
65°	179.2	173.3	165.9	160.8	159.3	158.6	157.1	156.4	154.1	155.6	155.6
67.5°	154.9	146.8	142.3	140.1	137.9	137.2	135.7	134.2	133.5	132.8	134.2
70°	130.5	123.9	120.2	118.7	116.5	115.8	115.1	112.8	113.6	114.3	115.1
72.5°	108.4	102.5	101.8	97.4	97.4	97.4	94.4	95.9	95.1	93.7	95.1
75°	85.6	82.6	81.1	78.9	79.7	78.9	78.2	76.0	76.0	76.7	77.4
77.5°	67.9	64.9	64.2	62.0	60.5	62.0	60.5	59.7	59.7	60.5	60.5
80°	50.2	48.7	46.5	46.5	46.5	45.7	45.7	45.7	45.0	44.3	45.0
82.5°	33.2	33.2	32.5	31.7	32.5	31.0	31.7	31.7	31.7	31.7	31.7
85°	21.4	20.7	20.7	19.9	19.9	19.9	20.7	19.2	19.2	19.9	19.9
87.5°	9.6	9.6	9.6	10.3	9.6	9.6	9.6	10.3	9.6	9.6	9.6
90°	26.2	25.8	25.5	25.2	25.0	25.1	25.2	25.4	25.5	25.7	25.5
92.5°	23.7	23.8	24.0	24.1	24.2	24.2	24.2	24.2	24.2	24.2	24.2
95°	48.4	48.4	48.4	48.4	48.4	48.2	47.9	47.6	47.2	46.9	47.2
97.5°	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
100°	104.4	104.4	104.4	104.4	104.4	104.3	104.2	104.0	103.9	103.7	103.9
102.5°	135.7	135.8	136.0	136.1	136.2	136.1	136.0	135.8	135.7	135.5	135.7
105°	166.8	167.2	167.5	167.8	168.0	168.0	168.0	168.0	168.0	168.0	168.0
107.5°	200.8	200.9	201.1	201.2	201.3	200.9	200.0	199.2	198.3	197.5	198.3
110°	235.4	235.4	235.4	235.4	235.4	235.1	234.6	234.1	233.6	233.1	233.6

TEST NUMBER: P1009121

CATALOG NUMBER: S122DIP-B485D725UB27-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	270.4	269.9	269.4	268.9	268.7	268.5	268.2	267.9	267.5	267.2	267.5
115°	305.6	305.4	305.3	305.1	305.0	304.7	304.2	303.7	303.2	302.7	303.2
117.5°	340.1	339.6	339.1	338.6	338.3	338.0	337.5	337.0	336.5	336.0	336.5
120°	373.9	373.9	373.9	373.9	373.9	373.6	373.1	372.6	372.1	371.6	372.1
122.5°	409.7	409.2	408.7	408.2	407.9	407.7	407.4	407.1	406.7	406.4	406.7
125°	444.5	444.0	443.5	443.0	442.8	442.7	442.5	442.4	442.2	442.0	442.2
127.5°	478.4	477.8	477.1	476.4	476.1	475.8	475.3	474.8	474.3	473.8	474.3
130°	512.8	512.4	512.1	511.8	511.6	511.3	510.6	509.9	509.3	508.6	509.3
132.5°	547.2	546.3	545.5	544.6	544.2	543.9	543.4	542.9	542.4	541.9	542.4
135°	579.5	579.4	579.2	579.1	579.0	578.7	578.2	577.7	577.2	576.7	577.2
137.5°	611.3	611.2	611.0	610.9	610.8	610.5	609.8	609.1	608.4	607.7	608.4
140°	643.3	643.3	643.3	643.3	643.3	643.0	642.3	641.6	641.0	640.3	641.0
142.5°	672.3	672.4	672.6	672.7	672.8	672.5	671.8	671.1	670.5	669.8	670.5
145°	701.8	702.0	702.1	702.3	702.4	702.1	701.4	700.7	700.0	699.3	700.0
147.5°	727.6	728.0	728.3	728.6	728.8	728.5	727.8	727.1	726.5	725.8	726.5
150°	752.0	752.5	753.0	753.5	753.8	753.5	753.0	752.5	752.0	751.5	752.0
152.5°	776.5	777.1	777.8	778.5	778.8	778.5	777.8	777.1	776.5	775.8	776.5
155°	796.2	797.1	797.9	798.8	799.2	799.0	798.5	798.0	797.5	797.0	797.5
157.5°	815.6	816.8	817.9	819.1	819.7	819.3	818.4	817.6	816.7	815.9	816.7
160°	832.8	833.8	834.8	835.8	836.3	836.0	835.3	834.6	834.0	833.3	834.0
162.5°	848.1	849.3	850.4	851.6	852.2	851.8	850.9	850.1	849.2	848.4	849.2
165°	861.0	862.2	863.3	864.5	865.1	864.7	863.8	863.0	862.1	861.3	862.1
167.5°	872.3	873.5	874.6	875.8	876.4	876.0	875.1	874.3	873.4	872.6	873.4
170°	881.4	882.6	883.7	884.9	885.5	885.0	884.0	883.0	882.0	881.0	882.0
172.5°	888.2	889.4	890.5	891.7	892.3	891.8	890.8	889.8	888.8	887.8	888.8
175°	892.8	894.0	895.1	896.3	896.9	896.4	895.4	894.3	893.3	892.3	893.3
177.5°	895.6	896.6	897.6	898.6	899.1	898.6	897.6	896.6	895.6	894.6	895.6
180°	896.9	896.9	896.9	896.9	896.9	896.9	896.9	896.9	896.9	896.9	896.9

TEST NUMBER: P1009121

CATALOG NUMBER: S122DIP-B485D725UB27-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	959.5	959.5	959.5	959.5	959.5	959.5	959.5	959.5	959.5	959.5	959.5
2.5°	1017.1	1011.9	1007.5	1008.2	1011.9	1008.9	1001.6	992.0	988.3	983.9	988.3
5°	1078.3	1073.8	1065.0	1065.7	1063.5	1060.6	1048.8	1034.0	1034.0	1022.2	1020.7
7.5°	1138.7	1132.1	1126.2	1124.7	1116.6	1110.7	1100.4	1079.7	1071.6	1057.6	1049.5
10°	1206.6	1201.4	1194.8	1186.7	1182.3	1171.9	1155.0	1124.7	1110.0	1090.8	1076.8
12.5°	1275.2	1274.4	1259.7	1243.5	1242.7	1226.5	1214.7	1174.1	1154.2	1128.4	1095.2
15°	1318.7	1315.0	1306.9	1298.8	1301.0	1283.3	1256.7	1208.8	1195.5	1164.6	1129.2
17.5°	1318.0	1318.0	1315.7	1314.3	1312.1	1306.9	1292.1	1260.4	1239.0	1200.0	1166.8
20°	1275.9	1285.5	1287.7	1287.0	1294.4	1298.0	1297.3	1277.4	1260.4	1225.8	1191.8
22.5°	1191.8	1214.0	1223.6	1229.5	1244.9	1253.1	1272.2	1264.9	1260.4	1234.6	1205.9
25°	1113.7	1121.0	1149.8	1151.3	1172.7	1192.6	1211.8	1224.3	1240.5	1230.9	1206.6
27.5°	1012.6	1029.6	1050.2	1065.7	1070.2	1110.7	1142.4	1166.0	1202.9	1205.9	1197.7
30°	898.3	906.4	940.3	961.0	984.6	1014.1	1059.8	1100.4	1133.6	1163.8	1174.1
32.5°	758.9	792.1	812.0	837.1	857.7	910.1	966.2	1018.5	1056.9	1107.8	1129.9
35°	631.3	657.1	691.1	701.4	739.0	783.3	856.3	923.4	981.6	1033.3	1078.3
37.5°	525.9	546.5	582.6	598.9	621.0	677.8	739.0	822.3	892.4	955.8	1011.9
40°	453.6	469.1	496.4	501.5	520.0	571.6	621.0	699.2	792.1	877.7	938.9
42.5°	404.2	411.5	430.0	436.6	448.4	483.1	527.3	601.1	687.4	775.9	862.2
45°	368.8	373.9	385.0	390.9	405.6	421.1	457.3	516.3	584.1	673.4	766.3
47.5°	337.0	343.7	348.1	351.8	359.9	376.9	400.5	444.0	508.9	590.8	680.7
50°	310.5	312.7	320.8	321.6	326.7	337.8	359.9	386.5	438.1	504.5	591.5
52.5°	283.9	286.2	291.3	296.5	298.7	307.5	322.3	344.4	382.8	435.1	512.6
55°	257.4	260.3	265.5	269.2	271.4	278.8	287.6	309.0	339.3	376.1	439.6
57.5°	230.8	237.5	239.0	241.2	244.9	253.0	261.1	273.6	297.2	331.1	377.6
60°	205.8	208.0	213.1	215.4	219.0	223.5	233.8	243.4	260.3	286.9	328.9
62.5°	180.0	185.1	187.3	189.5	192.5	197.7	204.3	214.6	229.4	250.8	283.9
65°	157.8	158.6	163.0	165.9	168.9	172.6	179.2	188.8	197.7	217.6	241.9
67.5°	136.4	137.9	139.4	142.3	146.0	149.7	155.6	160.8	171.8	185.1	204.3
70°	115.8	115.8	119.5	121.7	121.0	125.4	129.8	135.7	143.8	156.4	171.8
72.5°	97.4	96.6	99.6	100.3	101.8	104.7	107.7	113.6	118.0	127.6	139.4
75°	77.4	78.9	80.4	80.4	82.6	84.8	87.8	90.7	95.9	101.8	110.6
77.5°	61.2	61.2	62.7	63.4	65.6	64.9	67.9	70.8	74.5	79.7	86.3
80°	45.0	46.5	46.5	46.5	47.2	47.9	50.9	53.1	55.3	59.0	62.0
82.5°	31.7	31.7	33.2	33.2	33.2	34.7	34.7	35.4	36.9	39.1	41.3
85°	19.9	19.9	19.9	20.7	19.9	20.7	22.1	21.4	22.1	23.6	23.6
87.5°	9.6	9.6	9.6	9.6	9.6	10.3	9.6	10.3	11.1	11.1	11.1
90°	25.4	25.2	25.1	25.0	25.2	25.5	25.8	26.2	26.5	22.8	19.1
92.5°	24.2	24.2	24.2	24.2	24.1	24.0	23.8	23.7	23.5	23.3	23.1
95°	47.6	47.9	48.2	48.4	48.4	48.4	48.4	48.4	48.4	48.1	47.7
97.5°	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.0	74.4
100°	104.0	104.2	104.3	104.4	104.4	104.4	104.4	104.4	104.4	103.9	103.4
102.5°	135.8	136.0	136.1	136.2	136.1	136.0	135.8	135.7	135.5	134.8	134.1
105°	168.0	168.0	168.0	168.0	167.8	167.5	167.2	166.8	166.5	166.2	165.8
107.5°	199.2	200.0	200.9	201.3	201.2	201.1	200.9	200.8	200.6	200.6	200.6
110°	234.1	234.6	235.1	235.4	235.4	235.4	235.4	235.4	235.4	235.4	235.4

TEST NUMBER: P1009121

CATALOG NUMBER: S122DIP-B485D725UB27-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	267.9	268.2	268.5	268.7	268.9	269.4	269.9	270.4	270.9	271.1	271.3
115°	303.7	304.2	304.7	305.0	305.1	305.3	305.4	305.6	305.8	306.1	306.5
117.5°	337.0	337.5	338.0	338.3	338.6	339.1	339.6	340.1	340.6	341.4	342.3
120°	372.6	373.1	373.6	373.9	373.9	373.9	373.9	373.9	373.9	375.2	376.6
122.5°	407.1	407.4	407.7	407.9	408.2	408.7	409.2	409.7	410.2	411.0	411.9
125°	442.4	442.5	442.7	442.8	443.0	443.5	444.0	444.5	445.0	445.5	446.0
127.5°	474.8	475.3	475.8	476.1	476.4	477.1	477.8	478.4	479.1	479.8	480.4
130°	509.9	510.6	511.3	511.6	511.8	512.1	512.4	512.8	513.1	513.5	513.8
132.5°	542.9	543.4	543.9	544.2	544.6	545.5	546.3	547.2	548.0	547.8	547.6
135°	577.7	578.2	578.7	579.0	579.1	579.2	579.4	579.5	579.7	579.4	579.0
137.5°	609.1	609.8	610.5	610.8	610.9	611.0	611.2	611.3	611.5	611.2	610.8
140°	641.6	642.3	643.0	643.3	643.3	643.3	643.3	643.3	643.3	642.5	641.6
142.5°	671.1	671.8	672.5	672.8	672.7	672.6	672.4	672.3	672.1	671.6	671.1
145°	700.7	701.4	702.1	702.4	702.3	702.1	702.0	701.8	701.6	700.6	699.6
147.5°	727.1	727.8	728.5	728.8	728.6	728.3	728.0	727.6	727.3	726.6	726.0
150°	752.5	753.0	753.5	753.8	753.5	753.0	752.5	752.0	751.5	750.8	750.2
152.5°	777.1	777.8	778.5	778.8	778.5	777.8	777.1	776.5	775.8	775.0	774.1
155°	798.0	798.5	799.0	799.2	798.8	797.9	797.1	796.2	795.4	794.9	794.4
157.5°	817.6	818.4	819.3	819.7	819.1	817.9	816.8	815.6	814.4	814.0	813.7
160°	834.6	835.3	836.0	836.3	835.8	834.8	833.8	832.8	831.8	831.6	831.4
162.5°	850.1	850.9	851.8	852.2	851.6	850.4	849.3	848.1	846.9	846.7	846.6
165°	863.0	863.8	864.7	865.1	864.5	863.3	862.2	861.0	859.8	859.8	859.8
167.5°	874.3	875.1	876.0	876.4	875.8	874.6	873.5	872.3	871.1	871.1	871.1
170°	883.0	884.0	885.0	885.5	884.9	883.7	882.6	881.4	880.2	880.4	880.6
172.5°	889.8	890.8	891.8	892.3	891.7	890.5	889.4	888.2	887.0	887.2	887.4
175°	894.3	895.4	896.4	896.9	896.3	895.1	894.0	892.8	891.6	891.9	892.3
177.5°	896.6	897.6	898.6	899.1	898.6	897.6	896.6	895.6	894.6	894.9	895.3
180°	896.9	896.9	896.9	896.9	896.9	896.9	896.9	896.9	896.9	896.9	896.9

TEST NUMBER: P1009121

CATALOG NUMBER: S122DIP-B485D725UB27-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
0°	959.5	959.5	959.5	959.5	959.5	959.5	959.5	959.5	959.5	959.5	959.5
2.5°	984.6	980.9	978.7	980.2	975.7	964.7	964.7	968.4	963.9	959.5	952.9
5°	1011.9	1004.5	1000.1	999.3	989.0	971.3	967.6	963.9	954.4	944.0	933.0
7.5°	1038.4	1025.2	1017.8	1012.6	997.9	975.0	965.4	957.3	941.8	926.3	912.3
10°	1060.6	1041.4	1032.5	1024.4	1005.2	976.5	961.0	946.2	926.3	906.4	888.7
12.5°	1078.3	1056.1	1045.1	1033.3	1009.7	972.1	952.9	929.3	909.4	882.8	865.1
15°	1107.8	1062.0	1051.7	1040.7	1016.3	964.7	941.1	914.5	887.2	851.8	832.7
17.5°	1131.4	1070.2	1069.4	1045.8	1014.1	961.7	925.6	890.9	861.4	826.0	795.8
20°	1145.4	1082.7	1070.9	1046.6	1006.7	941.8	904.2	865.9	834.1	791.4	761.1
22.5°	1157.2	1100.4	1069.4	1039.9	991.2	935.2	879.9	843.7	800.2	753.8	725.0
25°	1161.6	1104.1	1071.6	1037.7	980.2	916.0	853.3	814.2	765.6	723.5	684.4
27.5°	1162.3	1103.3	1063.5	1028.1	964.7	890.9	826.8	785.5	731.6	683.0	643.9
30°	1155.0	1095.2	1059.1	1020.7	949.9	868.1	794.3	748.6	691.1	642.4	601.8
32.5°	1132.8	1079.0	1049.5	1007.5	930.8	836.4	763.3	712.5	652.0	604.0	564.9
35°	1096.0	1059.1	1026.6	987.5	905.7	806.9	732.4	672.6	611.4	565.7	528.8
37.5°	1050.2	1030.3	1000.1	961.7	876.9	780.3	697.7	631.3	570.1	525.9	489.7
40°	988.3	993.4	963.9	929.3	843.0	744.2	652.7	589.3	531.8	490.5	455.1
42.5°	921.2	942.6	925.6	892.4	805.4	704.3	619.5	549.5	493.4	450.6	421.1
45°	848.9	885.8	875.4	851.1	766.3	662.3	572.3	504.5	455.1	413.8	387.9
47.5°	770.0	822.3	822.3	804.6	722.8	620.3	531.8	462.4	413.8	384.3	359.2
50°	689.6	748.6	758.2	746.4	674.1	572.3	482.3	419.7	377.6	348.9	330.4
52.5°	605.5	674.1	691.8	685.9	622.5	526.6	441.8	380.6	342.2	317.1	300.9
55°	525.1	604.8	623.9	626.2	567.2	476.4	396.8	343.0	306.1	289.1	275.1
57.5°	449.2	525.9	547.2	550.9	511.1	430.7	354.8	307.5	274.4	260.3	249.3
60°	384.3	448.4	476.4	484.6	449.9	377.6	315.7	269.9	244.9	231.6	221.3
62.5°	331.1	382.8	412.3	414.5	399.0	331.1	275.1	236.7	215.4	203.6	198.4
65°	279.5	326.0	343.7	352.5	340.0	286.9	237.5	205.8	188.8	178.5	173.3
67.5°	238.2	267.7	282.5	294.3	281.7	241.9	202.1	176.3	163.7	153.4	150.5
70°	195.4	219.8	230.8	242.6	231.6	201.3	172.6	149.0	137.9	129.8	126.1
72.5°	156.4	175.5	185.9	193.2	186.6	161.5	137.9	121.7	113.6	107.7	105.5
75°	123.9	137.2	143.1	148.2	145.3	126.1	111.4	98.1	90.7	85.6	84.1
77.5°	94.4	104.0	110.6	112.1	108.4	95.9	83.3	75.2	69.3	66.4	64.9
80°	67.1	73.0	76.7	78.9	75.2	70.1	61.2	55.3	50.2	46.5	45.7
82.5°	45.0	47.9	50.9	50.2	48.7	44.3	39.1	36.1	33.9	31.0	31.0
85°	25.8	26.6	28.0	28.8	28.0	25.1	22.1	20.7	19.2	17.0	17.0
87.5°	11.1	11.8	11.8	12.5	11.1	11.1	9.6	8.1	8.1	7.4	6.6
90°	15.4	11.7	9.8	8.8	6.8	4.8	2.8	0.8	2.8	4.8	6.8
92.5°	23.0	22.8	22.7	22.0	20.7	19.4	18.0	16.7	18.0	19.4	20.7
95°	47.4	47.1	46.9	46.1	44.4	42.7	41.1	39.4	41.1	42.7	44.4
97.5°	73.7	73.0	72.7	71.9	70.4	68.9	67.3	65.8	67.3	68.9	70.4
100°	102.9	102.4	102.2	101.5	100.2	98.8	97.5	96.1	97.5	98.8	100.2
102.5°	133.4	132.7	132.4	131.9	130.9	129.9	128.9	127.9	128.9	129.9	130.9
105°	165.5	165.2	165.0	164.7	164.2	163.7	163.2	162.7	163.2	163.7	164.2
107.5°	200.6	200.6	200.6	200.3	199.6	198.9	198.2	197.5	198.2	198.9	199.6
110°	235.4	235.4	235.4	234.9	233.9	232.8	231.8	230.8	231.8	232.8	233.9

TEST NUMBER: P1009121

CATALOG NUMBER: S122DIP-B485D725UB27-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
112.5°	271.4	271.6	271.7	271.2	270.2	269.2	268.2	267.2	268.2	269.2	270.2
115°	306.8	307.1	307.3	306.8	305.8	304.7	303.7	302.7	303.7	304.7	305.8
117.5°	343.1	344.0	344.4	343.7	342.4	341.0	339.7	338.3	339.7	341.0	342.4
120°	377.9	379.2	379.9	379.2	377.9	376.6	375.2	373.9	375.2	376.6	377.9
122.5°	412.7	413.6	414.0	413.2	411.5	409.8	408.1	406.4	408.1	409.8	411.5
125°	446.5	447.0	447.3	446.5	445.0	443.5	442.0	440.5	442.0	443.5	445.0
127.5°	481.1	481.8	482.1	481.2	479.3	477.5	475.6	473.8	475.6	477.5	479.3
130°	514.2	514.5	514.7	513.6	511.4	509.2	507.0	504.8	507.0	509.2	511.4
132.5°	547.5	547.3	547.2	546.4	544.7	543.0	541.3	539.6	541.3	543.0	544.7
135°	578.7	578.4	578.2	577.3	575.4	573.6	571.7	569.9	571.7	573.6	575.4
137.5°	610.5	610.2	610.0	609.2	607.7	606.2	604.7	603.2	604.7	606.2	607.7
140°	640.8	639.9	639.5	638.7	637.2	635.7	634.2	632.7	634.2	635.7	637.2
142.5°	670.6	670.1	669.8	669.0	667.5	666.0	664.5	663.0	664.5	666.0	667.5
145°	698.6	697.6	697.1	696.5	695.3	694.2	693.0	691.8	693.0	694.2	695.3
147.5°	725.3	724.6	724.3	723.5	722.0	720.5	719.0	717.5	719.0	720.5	722.0
150°	749.5	748.8	748.5	748.0	747.0	746.0	745.0	744.0	745.0	746.0	747.0
152.5°	773.3	772.4	772.0	771.5	770.5	769.4	768.4	767.4	768.4	769.4	770.5
155°	793.9	793.4	793.2	792.9	792.4	791.9	791.4	790.9	791.4	791.9	792.4
157.5°	813.3	813.0	812.8	812.6	812.3	812.0	811.6	811.3	811.6	812.0	812.3
160°	831.3	831.1	831.0	830.8	830.5	830.2	829.8	829.5	829.8	830.2	830.5
162.5°	846.4	846.3	846.2	846.2	846.2	846.2	846.2	846.2	846.2	846.2	846.2
165°	859.8	859.8	859.8	859.9	860.0	860.2	860.3	860.5	860.3	860.2	860.0
167.5°	871.1	871.1	871.1	871.4	871.9	872.4	872.9	873.4	872.9	872.4	871.9
170°	880.7	880.9	881.0	881.2	881.7	882.2	882.7	883.2	882.7	882.2	881.7
172.5°	887.5	887.7	887.8	888.0	888.5	889.0	889.5	890.0	889.5	889.0	888.5
175°	892.6	892.9	893.1	893.3	893.8	894.3	894.8	895.3	894.8	894.3	893.8
177.5°	895.6	895.9	896.1	896.4	896.9	897.4	897.9	898.4	897.9	897.4	896.9
180°	896.9	896.9	896.9	896.9	896.9	896.9	896.9	896.9	896.9	896.9	896.9

TEST NUMBER: P1009121

CATALOG NUMBER: S122DIP-B485D725UB27-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
0°	959.5	959.5	959.5	959.5	959.5	959.5	959.5	959.5	959.5	959.5	959.5
2.5°	949.2	952.9	952.1	944.8	936.7	930.0	917.5	919.0	914.5	915.3	919.7
5°	925.6	925.6	922.6	912.3	899.0	891.7	877.7	874.0	865.1	864.4	863.6
7.5°	900.5	896.8	893.1	878.4	862.2	850.4	831.2	826.8	817.9	812.0	809.1
10°	871.0	865.9	858.5	841.5	821.6	806.9	786.9	781.0	764.1	756.7	752.3
12.5°	838.6	835.6	823.8	809.8	777.4	761.1	732.4	738.3	721.3	706.6	704.3
15°	806.1	795.1	788.4	765.6	726.5	719.1	696.2	684.4	668.9	657.1	657.1
17.5°	774.4	757.4	742.7	718.4	689.6	668.9	652.0	646.1	626.9	615.1	612.9
20°	732.4	713.2	709.5	674.8	654.9	632.1	615.8	601.1	587.1	581.9	578.2
22.5°	692.5	670.4	664.5	635.0	615.1	592.2	576.0	565.7	555.4	551.7	545.0
25°	649.8	636.5	627.6	595.9	573.8	552.4	541.3	534.0	524.4	523.6	519.2
27.5°	608.5	595.9	587.1	556.8	540.6	520.7	511.8	503.7	498.6	496.4	494.1
30°	573.1	559.0	548.7	526.6	506.7	490.5	483.1	477.9	475.0	471.3	470.5
32.5°	534.0	525.9	511.8	494.9	479.4	463.9	459.5	455.8	451.4	449.9	449.2
35°	500.8	489.7	480.9	461.7	455.1	441.8	436.6	433.7	427.8	426.3	424.8
37.5°	468.3	458.0	448.4	436.6	424.1	416.7	413.8	409.3	406.4	407.1	405.6
40°	435.9	427.8	420.4	407.9	400.5	396.8	390.9	386.5	385.0	385.7	385.0
42.5°	404.2	396.8	392.4	382.8	375.4	371.7	368.0	363.6	365.8	365.8	368.0
45°	375.4	368.8	365.8	358.4	354.0	348.1	344.4	343.7	346.6	345.9	345.9
47.5°	345.9	343.7	340.0	333.4	327.5	323.8	323.0	323.0	326.0	327.5	326.7
50°	323.0	318.6	314.2	309.0	304.6	303.1	300.9	302.4	305.3	305.3	306.8
52.5°	294.3	291.3	289.8	285.4	282.5	282.5	282.5	283.2	285.4	287.6	286.9
55°	269.2	267.0	265.5	263.3	259.6	260.3	259.6	261.1	263.3	265.5	267.0
57.5°	242.6	241.9	240.4	236.7	236.7	236.0	238.2	239.0	242.6	244.1	246.3
60°	219.0	216.8	216.8	213.9	213.9	213.9	216.1	218.3	221.3	222.0	223.5
62.5°	194.0	194.0	193.2	191.0	191.0	193.2	194.0	196.9	198.4	198.4	200.6
65°	170.4	169.6	168.9	169.6	170.4	170.4	172.6	174.1	175.5	176.3	177.0
67.5°	146.8	146.0	147.5	146.8	148.2	151.2	150.5	152.7	154.9	154.9	155.6
70°	124.6	126.1	125.4	126.9	126.1	127.6	129.8	130.5	130.5	131.3	133.5
72.5°	104.0	104.0	104.0	103.3	104.0	105.5	106.9	107.7	109.2	109.9	112.1
75°	84.1	84.1	82.6	84.1	84.1	85.6	87.0	87.0	87.0	88.5	90.7
77.5°	63.4	64.2	63.4	64.9	64.9	65.6	67.1	66.4	67.9	68.6	69.3
80°	46.5	45.7	45.7	45.7	46.5	46.5	47.9	48.7	48.7	50.9	49.4
82.5°	29.5	30.2	29.5	30.2	30.2	31.0	30.2	31.0	31.7	33.2	32.5
85°	17.0	16.2	16.2	17.0	16.2	16.2	17.0	16.2	17.0	16.2	17.0
87.5°	6.6	5.9	5.9	5.9	5.9	5.2	5.2	4.4	4.4	4.4	3.7
90°	8.8	9.8	11.7	15.4	19.1	22.8	26.5	26.2	25.8	25.5	25.2
92.5°	22.0	22.7	22.8	23.0	23.1	23.3	23.5	23.7	23.8	24.0	24.1
95°	46.1	46.9	47.1	47.4	47.7	48.1	48.4	48.4	48.4	48.4	48.4
97.5°	71.9	72.7	73.0	73.7	74.4	75.0	75.7	75.7	75.7	75.7	75.7
100°	101.5	102.2	102.4	102.9	103.4	103.9	104.4	104.4	104.4	104.4	104.4
102.5°	131.9	132.4	132.7	133.4	134.1	134.8	135.5	135.7	135.8	136.0	136.1
105°	164.7	165.0	165.2	165.5	165.8	166.2	166.5	166.8	167.2	167.5	167.8
107.5°	200.3	200.6	200.6	200.6	200.6	200.6	200.6	200.8	200.9	201.1	201.2
110°	234.9	235.4	235.4	235.4	235.4	235.4	235.4	235.4	235.4	235.4	235.4

TEST NUMBER: P1009121

CATALOG NUMBER: S122DIP-B485D725UB27-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
112.5°	271.2	271.7	271.6	271.4	271.3	271.1	270.9	270.4	269.9	269.4	268.9
115°	306.8	307.3	307.1	306.8	306.5	306.1	305.8	305.6	305.4	305.3	305.1
117.5°	343.7	344.4	344.0	343.1	342.3	341.4	340.6	340.1	339.6	339.1	338.6
120°	379.2	379.9	379.2	377.9	376.6	375.2	373.9	373.9	373.9	373.9	373.9
122.5°	413.2	414.0	413.6	412.7	411.9	411.0	410.2	409.7	409.2	408.7	408.2
125°	446.5	447.3	447.0	446.5	446.0	445.5	445.0	444.5	444.0	443.5	443.0
127.5°	481.2	482.1	481.8	481.1	480.4	479.8	479.1	478.4	477.8	477.1	476.4
130°	513.6	514.7	514.5	514.2	513.8	513.5	513.1	512.8	512.4	512.1	511.8
132.5°	546.4	547.2	547.3	547.5	547.6	547.8	548.0	547.2	546.3	545.5	544.6
135°	577.3	578.2	578.4	578.7	579.0	579.4	579.7	579.5	579.4	579.2	579.1
137.5°	609.2	610.0	610.2	610.5	610.8	611.2	611.5	611.3	611.2	611.0	610.9
140°	638.7	639.5	639.9	640.8	641.6	642.5	643.3	643.3	643.3	643.3	643.3
142.5°	669.0	669.8	670.1	670.6	671.1	671.6	672.1	672.3	672.4	672.6	672.7
145°	696.5	697.1	697.6	698.6	699.6	700.6	701.6	701.8	702.0	702.1	702.3
147.5°	723.5	724.3	724.6	725.3	726.0	726.6	727.3	727.6	728.0	728.3	728.6
150°	748.0	748.5	748.8	749.5	750.2	750.8	751.5	752.0	752.5	753.0	753.5
152.5°	771.5	772.0	772.4	773.3	774.1	775.0	775.8	776.5	777.1	777.8	778.5
155°	792.9	793.2	793.4	793.9	794.4	794.9	795.4	796.2	797.1	797.9	798.8
157.5°	812.6	812.8	813.0	813.3	813.7	814.0	814.4	815.6	816.8	817.9	819.1
160°	830.8	831.0	831.1	831.3	831.4	831.6	831.8	832.8	833.8	834.8	835.8
162.5°	846.2	846.2	846.3	846.4	846.6	846.7	846.9	848.1	849.3	850.4	851.6
165°	859.9	859.8	859.8	859.8	859.8	859.8	859.8	861.0	862.2	863.3	864.5
167.5°	871.4	871.1	871.1	871.1	871.1	871.1	871.1	872.3	873.5	874.6	875.8
170°	881.2	881.0	880.9	880.7	880.6	880.4	880.2	881.4	882.6	883.7	884.9
172.5°	888.0	887.8	887.7	887.5	887.4	887.2	887.0	888.2	889.4	890.5	891.7
175°	893.3	893.1	892.9	892.6	892.3	891.9	891.6	892.8	894.0	895.1	896.3
177.5°	896.4	896.1	895.9	895.6	895.3	894.9	894.6	895.6	896.6	897.6	898.6
180°	896.9	896.9	896.9	896.9	896.9	896.9	896.9	896.9	896.9	896.9	896.9

TEST NUMBER: P1009121

CATALOG NUMBER: S122DIP-B485D725UB27-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
0°	959.5	959.5	959.5	959.5	959.5	959.5	959.5	959.5	959.5	959.5	959.5
2.5°	914.5	916.7	911.6	910.1	911.6	906.4	907.9	909.4	909.4	911.6	913.1
5°	861.4	858.5	853.3	851.8	850.4	852.6	851.1	853.3	854.1	859.2	860.0
7.5°	809.1	804.6	800.2	795.8	794.3	790.6	794.3	794.3	799.5	798.0	801.7
10°	747.1	746.4	740.5	738.3	735.3	729.4	737.5	735.3	739.0	745.6	747.1
12.5°	701.4	693.3	697.0	686.6	690.3	684.4	685.2	685.2	691.1	691.8	690.3
15°	657.9	651.2	641.6	637.2	635.0	632.1	641.6	642.4	638.0	648.3	644.6
17.5°	613.6	613.6	604.8	602.6	596.7	599.6	598.1	598.9	597.4	604.8	608.5
20°	575.3	571.6	568.6	569.4	562.0	560.5	559.0	560.5	565.7	570.8	572.3
22.5°	544.3	542.1	534.7	536.2	530.3	532.5	531.0	534.7	535.4	535.4	540.6
25°	514.8	511.8	512.6	509.6	507.4	507.4	505.2	507.4	510.4	511.8	512.6
27.5°	492.7	490.5	486.8	484.6	486.0	482.3	485.3	487.5	487.5	486.0	487.5
30°	466.1	467.6	467.6	460.2	463.2	461.7	463.9	465.4	465.4	466.1	464.6
32.5°	448.4	444.0	443.3	442.5	442.5	439.6	439.6	441.8	442.5	443.3	445.5
35°	424.8	424.8	421.1	423.3	420.4	421.1	420.4	421.1	422.6	420.4	422.6
37.5°	403.4	404.2	402.7	404.2	404.9	403.4	402.0	404.9	403.4	403.4	402.0
40°	385.0	384.3	385.0	385.0	385.0	385.7	384.3	384.3	384.3	382.8	381.3
42.5°	369.5	365.1	366.6	367.3	365.1	365.1	365.8	365.1	367.3	362.9	362.9
45°	347.4	345.9	346.6	346.6	348.1	345.9	347.4	348.1	345.9	345.2	343.7
47.5°	327.5	328.9	327.5	328.9	328.9	330.4	327.5	328.2	328.9	326.0	323.8
50°	307.5	307.5	309.8	309.0	309.8	308.3	308.3	307.5	308.3	306.8	304.6
52.5°	289.1	286.9	290.6	289.8	289.1	288.4	287.6	288.4	286.9	285.4	285.4
55°	266.2	266.2	268.5	269.2	269.2	267.7	266.2	267.0	266.2	265.5	264.8
57.5°	247.8	244.9	246.3	247.1	247.1	244.9	246.3	244.9	244.9	245.6	243.4
60°	224.2	224.2	222.7	224.9	224.9	223.5	223.5	224.2	222.7	222.0	221.3
62.5°	199.1	199.9	202.1	202.8	203.6	202.1	200.6	201.3	201.3	199.1	199.9
65°	177.7	179.2	182.2	181.4	180.0	180.7	179.2	180.0	177.7	178.5	176.3
67.5°	157.1	156.4	157.1	157.1	158.6	157.8	156.4	156.4	155.6	157.8	155.6
70°	135.0	135.0	135.0	135.0	135.7	136.4	135.0	133.5	134.2	132.8	132.0
72.5°	112.1	112.8	112.1	113.6	111.4	112.8	112.8	112.1	111.4	111.4	111.4
75°	90.7	92.2	90.0	90.7	90.0	91.5	90.7	90.7	89.2	88.5	89.2
77.5°	69.3	70.1	68.6	69.3	68.6	69.3	69.3	68.6	68.6	68.6	68.6
80°	49.4	50.2	49.4	48.7	47.9	49.4	47.9	48.7	49.4	48.7	50.2
82.5°	31.7	31.7	31.0	31.7	30.2	30.2	31.0	31.0	30.2	31.7	30.2
85°	15.5	15.5	17.0	15.5	14.8	14.8	14.8	15.5	14.8	16.2	15.5
87.5°	3.7	3.0	3.7	3.7	3.0	3.0	3.7	3.0	3.7	4.4	3.0
90°	25.0	25.1	25.2	25.4	25.5	25.7	25.5	25.4	25.2	25.1	25.0
92.5°	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2
95°	48.4	48.2	47.9	47.6	47.2	46.9	47.2	47.6	47.9	48.2	48.4
97.5°	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
100°	104.4	104.3	104.2	104.0	103.9	103.7	103.9	104.0	104.2	104.3	104.4
102.5°	136.2	136.1	136.0	135.8	135.7	135.5	135.7	135.8	136.0	136.1	136.2
105°	168.0	168.0	168.0	168.0	168.0	168.0	168.0	168.0	168.0	168.0	168.0
107.5°	201.3	200.9	200.0	199.2	198.3	197.5	198.3	199.2	200.0	200.9	201.3
110°	235.4	235.1	234.6	234.1	233.6	233.1	233.6	234.1	234.6	235.1	235.4

TEST NUMBER: P1009121

CATALOG NUMBER: S122DIP-B485D725UB27-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
112.5°	268.7	268.5	268.2	267.9	267.5	267.2	267.5	267.9	268.2	268.5	268.7
115°	305.0	304.7	304.2	303.7	303.2	302.7	303.2	303.7	304.2	304.7	305.0
117.5°	338.3	338.0	337.5	337.0	336.5	336.0	336.5	337.0	337.5	338.0	338.3
120°	373.9	373.6	373.1	372.6	372.1	371.6	372.1	372.6	373.1	373.6	373.9
122.5°	407.9	407.7	407.4	407.1	406.7	406.4	406.7	407.1	407.4	407.7	407.9
125°	442.8	442.7	442.5	442.4	442.2	442.0	442.2	442.4	442.5	442.7	442.8
127.5°	476.1	475.8	475.3	474.8	474.3	473.8	474.3	474.8	475.3	475.8	476.1
130°	511.6	511.3	510.6	509.9	509.3	508.6	509.3	509.9	510.6	511.3	511.6
132.5°	544.2	543.9	543.4	542.9	542.4	541.9	542.4	542.9	543.4	543.9	544.2
135°	579.0	578.7	578.2	577.7	577.2	576.7	577.2	577.7	578.2	578.7	579.0
137.5°	610.8	610.5	609.8	609.1	608.4	607.7	608.4	609.1	609.8	610.5	610.8
140°	643.3	643.0	642.3	641.6	641.0	640.3	641.0	641.6	642.3	643.0	643.3
142.5°	672.8	672.5	671.8	671.1	670.5	669.8	670.5	671.1	671.8	672.5	672.8
145°	702.4	702.1	701.4	700.7	700.0	699.3	700.0	700.7	701.4	702.1	702.4
147.5°	728.8	728.5	727.8	727.1	726.5	725.8	726.5	727.1	727.8	728.5	728.8
150°	753.8	753.5	753.0	752.5	752.0	751.5	752.0	752.5	753.0	753.5	753.8
152.5°	778.8	778.5	777.8	777.1	776.5	775.8	776.5	777.1	777.8	778.5	778.8
155°	799.2	799.0	798.5	798.0	797.5	797.0	797.5	798.0	798.5	799.0	799.2
157.5°	819.7	819.3	818.4	817.6	816.7	815.9	816.7	817.6	818.4	819.3	819.7
160°	836.3	836.0	835.3	834.6	834.0	833.3	834.0	834.6	835.3	836.0	836.3
162.5°	852.2	851.8	850.9	850.1	849.2	848.4	849.2	850.1	850.9	851.8	852.2
165°	865.1	864.7	863.8	863.0	862.1	861.3	862.1	863.0	863.8	864.7	865.1
167.5°	876.4	876.0	875.1	874.3	873.4	872.6	873.4	874.3	875.1	876.0	876.4
170°	885.5	885.0	884.0	883.0	882.0	881.0	882.0	883.0	884.0	885.0	885.5
172.5°	892.3	891.8	890.8	889.8	888.8	887.8	888.8	889.8	890.8	891.8	892.3
175°	896.9	896.4	895.4	894.3	893.3	892.3	893.3	894.3	895.4	896.4	896.9
177.5°	899.1	898.6	897.6	896.6	895.6	894.6	895.6	896.6	897.6	898.6	899.1
180°	896.9	896.9	896.9	896.9	896.9	896.9	896.9	896.9	896.9	896.9	896.9

TEST NUMBER: P1009121

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CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
0°	959.5	959.5	959.5	959.5	959.5	959.5	959.5	959.5	959.5	959.5	959.5
2.5°	910.8	916.7	914.5	906.4	916.0	916.0	922.6	922.6	930.8	933.7	938.1
5°	859.2	863.6	867.3	863.6	870.3	880.6	886.5	891.7	902.7	907.2	913.8
7.5°	803.9	812.0	815.7	815.7	826.8	838.6	850.4	857.7	873.2	879.1	885.8
10°	750.1	759.7	767.0	766.3	784.7	792.1	806.9	823.8	839.3	848.2	857.7
12.5°	693.3	698.4	708.8	723.5	727.9	741.2	758.2	779.6	807.6	815.7	829.7
15°	646.1	660.1	668.2	674.8	685.2	697.7	716.1	736.8	764.8	782.5	797.3
17.5°	606.2	624.7	629.8	628.4	641.6	660.8	682.2	697.7	722.8	744.2	758.2
20°	573.8	581.2	590.0	593.7	604.0	624.7	645.3	663.0	683.7	700.7	716.9
22.5°	541.3	547.2	554.6	561.3	569.4	581.2	601.1	623.2	643.1	659.3	677.8
25°	514.8	518.5	525.1	530.3	539.1	547.2	561.3	585.6	609.2	618.8	635.0
27.5°	489.0	491.9	496.4	502.3	506.7	514.8	527.3	547.2	571.6	581.2	603.3
30°	466.1	468.3	472.8	475.7	477.9	487.5	497.1	512.6	531.0	544.3	560.5
32.5°	444.7	446.9	451.4	452.1	455.1	460.2	469.1	483.1	499.3	510.4	524.4
35°	421.1	422.6	427.0	428.5	430.7	435.1	441.8	452.1	466.9	475.0	487.5
37.5°	402.7	402.0	404.9	407.1	410.1	412.3	414.5	424.8	435.9	443.3	452.8
40°	382.8	381.3	382.0	385.0	386.5	389.4	389.4	399.7	407.1	413.0	420.4
42.5°	362.9	362.1	360.7	362.1	363.6	364.3	365.1	372.5	379.8	385.0	393.1
45°	343.0	342.2	340.7	341.5	341.5	343.0	345.2	348.1	353.3	357.7	362.1
47.5°	324.5	323.0	320.8	320.1	321.6	321.6	321.6	324.5	329.7	331.1	335.6
50°	305.3	303.1	300.2	298.7	298.7	298.0	299.4	300.2	304.6	306.1	309.8
52.5°	284.7	283.2	280.3	277.3	278.0	276.6	277.3	278.0	279.5	281.7	283.9
55°	264.0	261.1	258.9	258.1	255.9	255.9	253.7	256.7	255.9	256.7	259.6
57.5°	244.1	241.2	237.5	236.0	233.8	233.1	231.6	230.8	231.6	233.8	236.0
60°	220.5	219.0	216.8	214.6	213.1	210.9	209.5	209.5	208.7	208.7	209.5
62.5°	197.7	196.9	194.0	193.2	191.8	190.3	188.1	186.6	186.6	188.1	188.8
65°	175.5	174.8	172.6	171.8	168.2	166.7	165.9	165.2	163.7	163.7	163.7
67.5°	154.9	152.7	152.7	149.0	146.0	144.6	143.1	142.3	142.3	142.3	143.1
70°	132.0	132.0	129.8	127.6	124.6	125.4	123.2	121.0	121.0	119.5	120.2
72.5°	109.9	109.2	106.9	106.2	104.0	101.8	100.3	101.8	99.6	98.8	99.6
75°	88.5	87.8	86.3	84.8	85.6	83.3	81.1	80.4	80.4	78.9	78.9
77.5°	67.9	69.3	66.4	65.6	64.2	62.7	62.0	61.2	61.2	61.2	62.7
80°	47.2	47.9	47.9	46.5	47.2	45.0	45.0	45.0	42.8	43.5	44.3
82.5°	30.2	30.2	29.5	30.2	29.5	29.5	28.8	28.8	28.0	28.0	28.8
85°	17.0	16.2	15.5	17.0	16.2	16.2	15.5	15.5	15.5	15.5	15.5
87.5°	3.7	4.4	4.4	4.4	4.4	5.2	5.2	5.2	5.9	5.9	5.9
90°	25.2	25.5	25.8	26.2	26.5	22.8	19.1	15.4	11.7	9.8	8.8
92.5°	24.1	24.0	23.8	23.7	23.5	23.3	23.1	23.0	22.8	22.7	22.0
95°	48.4	48.4	48.4	48.4	48.4	48.1	47.7	47.4	47.1	46.9	46.1
97.5°	75.7	75.7	75.7	75.7	75.7	75.0	74.4	73.7	73.0	72.7	71.9
100°	104.4	104.4	104.4	104.4	104.4	103.9	103.4	102.9	102.4	102.2	101.5
102.5°	136.1	136.0	135.8	135.7	135.5	134.8	134.1	133.4	132.7	132.4	131.9
105°	167.8	167.5	167.2	166.8	166.5	166.2	165.8	165.5	165.2	165.0	164.7
107.5°	201.2	201.1	200.9	200.8	200.6	200.6	200.6	200.6	200.6	200.6	200.3
110°	235.4	235.4	235.4	235.4	235.4	235.4	235.4	235.4	235.4	235.4	234.9

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CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
112.5°	268.9	269.4	269.9	270.4	270.9	271.1	271.3	271.4	271.6	271.7	271.2
115°	305.1	305.3	305.4	305.6	305.8	306.1	306.5	306.8	307.1	307.3	306.8
117.5°	338.6	339.1	339.6	340.1	340.6	341.4	342.3	343.1	344.0	344.4	343.7
120°	373.9	373.9	373.9	373.9	373.9	375.2	376.6	377.9	379.2	379.9	379.2
122.5°	408.2	408.7	409.2	409.7	410.2	411.0	411.9	412.7	413.6	414.0	413.2
125°	443.0	443.5	444.0	444.5	445.0	445.5	446.0	446.5	447.0	447.3	446.5
127.5°	476.4	477.1	477.8	478.4	479.1	479.8	480.4	481.1	481.8	482.1	481.2
130°	511.8	512.1	512.4	512.8	513.1	513.5	513.8	514.2	514.5	514.7	513.6
132.5°	544.6	545.5	546.3	547.2	548.0	547.8	547.6	547.5	547.3	547.2	546.4
135°	579.1	579.2	579.4	579.5	579.7	579.4	579.0	578.7	578.4	578.2	577.3
137.5°	610.9	611.0	611.2	611.3	611.5	611.2	610.8	610.5	610.2	610.0	609.2
140°	643.3	643.3	643.3	643.3	643.3	642.5	641.6	640.8	639.9	639.5	638.7
142.5°	672.7	672.6	672.4	672.3	672.1	671.6	671.1	670.6	670.1	669.8	669.0
145°	702.3	702.1	702.0	701.8	701.6	700.6	699.6	698.6	697.6	697.1	696.5
147.5°	728.6	728.3	728.0	727.6	727.3	726.6	726.0	725.3	724.6	724.3	723.5
150°	753.5	753.0	752.5	752.0	751.5	750.8	750.2	749.5	748.8	748.5	748.0
152.5°	778.5	777.8	777.1	776.5	775.8	775.0	774.1	773.3	772.4	772.0	771.5
155°	798.8	797.9	797.1	796.2	795.4	794.9	794.4	793.9	793.4	793.2	792.9
157.5°	819.1	817.9	816.8	815.6	814.4	814.0	813.7	813.3	813.0	812.8	812.6
160°	835.8	834.8	833.8	832.8	831.8	831.6	831.4	831.3	831.1	831.0	830.8
162.5°	851.6	850.4	849.3	848.1	846.9	846.7	846.6	846.4	846.3	846.2	846.2
165°	864.5	863.3	862.2	861.0	859.8	859.8	859.8	859.8	859.8	859.8	859.9
167.5°	875.8	874.6	873.5	872.3	871.1	871.1	871.1	871.1	871.1	871.1	871.4
170°	884.9	883.7	882.6	881.4	880.2	880.4	880.6	880.7	880.9	881.0	881.2
172.5°	891.7	890.5	889.4	888.2	887.0	887.2	887.4	887.5	887.7	887.8	888.0
175°	896.3	895.1	894.0	892.8	891.6	891.9	892.3	892.6	892.9	893.1	893.3
177.5°	898.6	897.6	896.6	895.6	894.6	894.9	895.3	895.6	895.9	896.1	896.4
180°	896.9	896.9	896.9	896.9	896.9	896.9	896.9	896.9	896.9	896.9	896.9

TEST NUMBER: P1009121

CATALOG NUMBER: S122DIP-B485D725UB27-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
0°	959.5	959.5	959.5	959.5
2.5°	941.8	941.8	952.9	964.7
5°	921.2	926.3	944.0	960.3
7.5°	901.3	910.1	932.2	952.9
10°	876.9	888.7	916.0	940.3
12.5°	853.3	864.4	896.1	923.4
15°	820.1	834.1	868.1	902.0
17.5°	786.9	801.0	842.3	882.1
20°	747.9	766.3	812.8	865.9
22.5°	711.7	734.6	786.2	829.0
25°	671.9	707.3	755.2	810.5
27.5°	636.5	671.9	720.6	776.6
30°	596.7	632.8	683.0	734.6
32.5°	558.3	591.5	640.2	703.6
35°	518.5	550.2	597.4	661.6
37.5°	482.3	513.3	564.9	623.9
40°	446.9	479.4	523.6	582.6
42.5°	413.8	442.5	482.3	541.3
45°	383.5	404.2	441.0	496.4
47.5°	351.8	370.2	404.2	459.5
50°	322.3	337.8	367.3	418.9
52.5°	293.5	306.8	334.1	375.4
55°	267.7	280.3	300.2	340.7
57.5°	241.2	250.8	269.9	302.4
60°	215.4	224.2	239.7	266.2
62.5°	189.5	196.9	211.7	233.1
65°	166.7	172.6	183.6	202.1
67.5°	144.6	148.2	157.1	171.8
70°	123.2	126.1	133.5	145.3
72.5°	100.3	103.3	111.4	119.5
75°	81.1	81.9	87.8	94.4
77.5°	63.4	62.7	67.1	72.3
80°	43.5	45.7	49.4	51.6
82.5°	29.5	30.2	31.7	33.2
85°	16.2	17.0	17.0	19.2
87.5°	6.6	7.4	7.4	8.1
90°	6.8	4.8	2.8	0.8
92.5°	20.7	19.4	18.0	16.7
95°	44.4	42.7	41.1	39.4
97.5°	70.4	68.9	67.3	65.8
100°	100.2	98.8	97.5	96.1
102.5°	130.9	129.9	128.9	127.9
105°	164.2	163.7	163.2	162.7
107.5°	199.6	198.9	198.2	197.5
110°	233.9	232.8	231.8	230.8

TEST NUMBER: P1009121

CATALOG NUMBER: S122DIP-B485D725UB27-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
112.5°	270.2	269.2	268.2	267.2
115°	305.8	304.7	303.7	302.7
117.5°	342.4	341.0	339.7	338.3
120°	377.9	376.6	375.2	373.9
122.5°	411.5	409.8	408.1	406.4
125°	445.0	443.5	442.0	440.5
127.5°	479.3	477.5	475.6	473.8
130°	511.4	509.2	507.0	504.8
132.5°	544.7	543.0	541.3	539.6
135°	575.4	573.6	571.7	569.9
137.5°	607.7	606.2	604.7	603.2
140°	637.2	635.7	634.2	632.7
142.5°	667.5	666.0	664.5	663.0
145°	695.3	694.2	693.0	691.8
147.5°	722.0	720.5	719.0	717.5
150°	747.0	746.0	745.0	744.0
152.5°	770.5	769.4	768.4	767.4
155°	792.4	791.9	791.4	790.9
157.5°	812.3	812.0	811.6	811.3
160°	830.5	830.2	829.8	829.5
162.5°	846.2	846.2	846.2	846.2
165°	860.0	860.2	860.3	860.5
167.5°	871.9	872.4	872.9	873.4
170°	881.7	882.2	882.7	883.2
172.5°	888.5	889.0	889.5	890.0
175°	893.8	894.3	894.8	895.3
177.5°	896.9	897.4	897.9	898.4
180°	896.9	896.9	896.9	896.9

(END OF REPORT)