

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: P1011503

Luminaire Tested: S123DIP-B340D1195UB27-4F0-XX-W2A-A1

Issue Date: 5/6/2025

Test Information

Test Method: LM-79-2019
Report Number: P1011503
REPORT IS A COMBINATION OF REPORTS P989680 AND P1007351
Test Lab: INNOVATION CENTER
Issue Date: 5/6/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: NEO-RAY
Catalog Number: S123DIP-B340D1195UB27-4F0-XX-W2A-A1
Description: Define 3 Direct/Indirect Pendant with 2700K BioUP LEDs {m-DER=0.473} {m-EER=0.52}
Light Source: -
Ballast/Driver: -

Summary

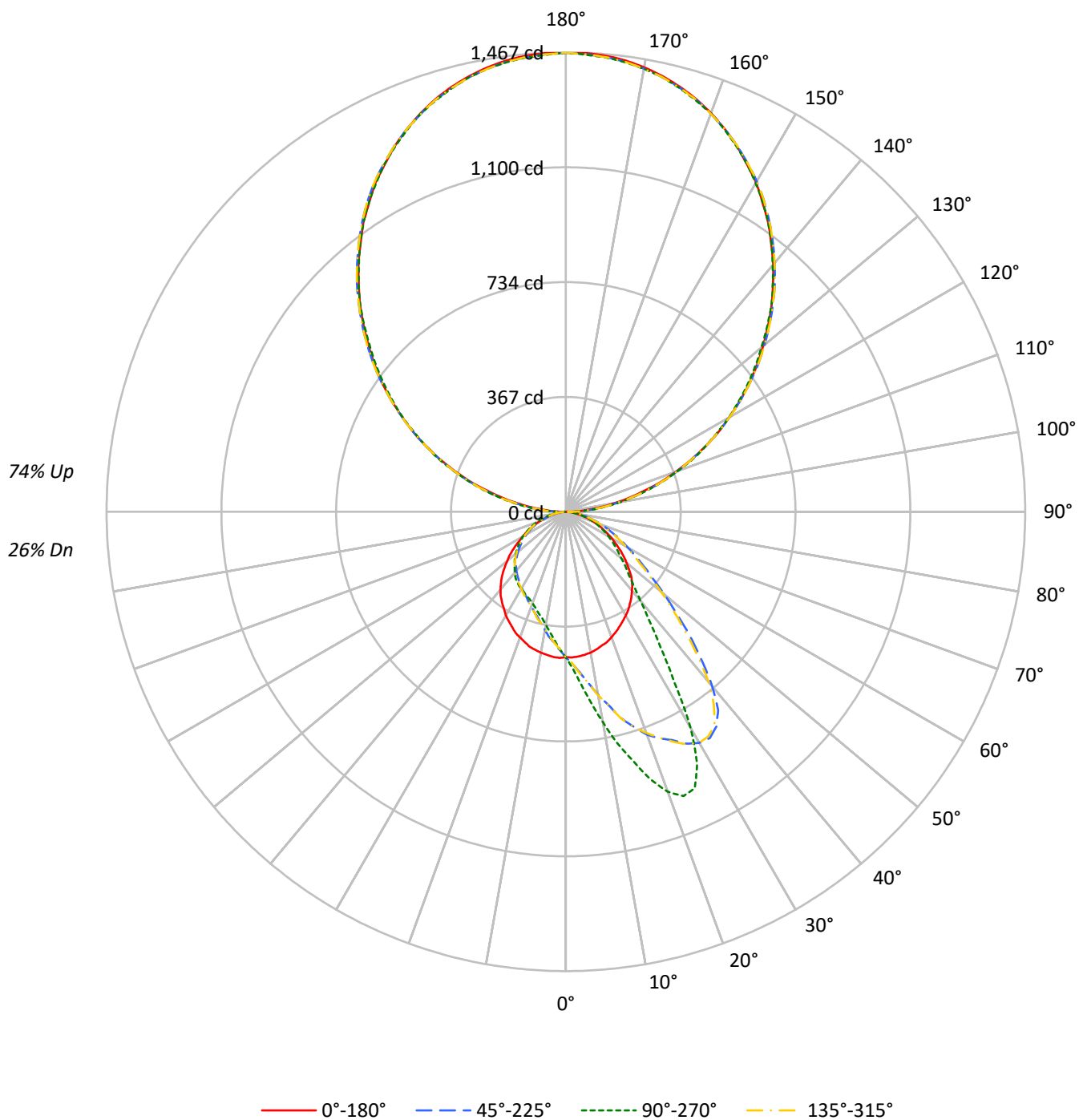
Lumens per Lamp: N/A
Luminaire Lumens: 5465.0 lumens
Efficiency: N/A
Efficacy: 113.9 lumens/watt
Spacing Criteria (0/90/45): 1.23 / 1.37 / 1.5
Luminous Opening: Rectangular w/ Sides (W: 0.25' x L: 4' x H: 0.1')
CIE Type: Semi-Indirect

Input Watts (W): 48
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: P1011503

CATALOG NUMBER: S123DIP-B340D1195UB27-4F0-XX-W2A-A1

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	101	101	101	101	90	90	90	90	70	70	70	51	51	51	34	34	34
1	92	88	85	81	82	79	76	73	61	59	57	45	44	43	30	29	29
2	84	77	71	67	75	69	64	60	54	50	48	40	38	36	27	25	24
3	77	68	61	55	68	61	55	50	47	43	40	35	33	30	24	22	21
4	70	60	53	47	62	54	47	43	42	38	34	31	28	26	21	19	18
5	64	53	46	40	57	48	41	36	38	33	29	28	25	22	19	17	16
6	59	48	40	34	53	43	36	31	34	29	25	25	22	20	17	15	14
7	55	43	35	30	49	39	32	27	31	26	22	23	20	17	16	14	12
8	51	39	31	26	45	35	29	24	28	23	20	21	18	15	14	12	11
9	47	35	28	23	42	32	26	21	25	21	17	19	16	14	13	11	10
10	44	32	25	21	39	29	23	19	23	19	16	18	14	12	12	10	9

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	4997	4997	4997	4997
5°	4999	5757	5014	4297
10°	4968	6966	4973	3752
15°	4899	8262	4939	3377
20°	4840	9512	4850	3108
25°	4752	9752	4763	2967
30°	4690	8057	4690	2875
35°	4612	5388	4583	2793
40°	4520	3889	4463	2669
45°	4402	3081	4276	2514
50°	4117	2616	3971	2362
55°	3807	2299	3651	2192
60°	3489	2002	3304	2013
65°	3143	1714	2990	1775
70°	2783	1423	2597	1498
75°	2377	1073	2225	1156
80°	1878	717	1732	759
85°	1297	328	1037	299

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 35°

Vertical Angle: 45°

Luminance: 8059 cd/sqm

TEST NUMBER: P1011503

CATALOG NUMBER: S123DIP-B340D1195UB27-4F0-XX-W2A-A1

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	45.7	0.8
10°-20°	146.6	2.7
20°-30°	246.7	4.5
30°-40°	278.8	5.1
40°-50°	249.7	4.6
50°-60°	201.6	3.7
60°-70°	140.5	2.6
70°-80°	73.7	1.3
80°-90°	20.8	0.4
90°-100°	94.3	1.7
100°-110°	285.6	5.2
110°-120°	486.1	8.9
120°-130°	639.5	11.7
130°-140°	718.9	13.2
140°-150°	706.7	12.9
150°-160°	595.0	10.9
160°-170°	396.1	7.2
170°-180°	138.7	2.5
0°-30°	439.0	8.0
0°-40°	717.8	13.1
0°-60°	1169.1	21.4
0°-90°	1404.1	25.7
90°-120°	866.0	15.8
90°-150°	2931.1	53.6
90°-180°	4061.0	74.3
0°-180°	5465.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	464	464	464	464	464	
5°	464	552	465	412	464	44
15°	443	821	446	336	443	125
25°	405	974	406	296	405	187
35°	357	525	355	272	357	224
45°	296	283	288	231	296	227
55°	210	192	202	184	210	188
65°	130	125	124	130	130	129
75°	62	64	58	69	62	67
85°	14	15	11	14	14	16
90°	1	34	1	34	1	6
95°	68	90	68	90	68	75
105°	259	274	259	274	259	277
115°	489	490	489	490	489	484
125°	716	708	716	708	716	639
135°	929	928	929	928	929	716
145°	1127	1127	1127	1127	1127	704
155°	1291	1288	1291	1288	1291	594
165°	1406	1401	1406	1401	1406	396
175°	1462	1456	1462	1456	1462	139
180°	1466	1466	1466	1466	1466	

TEST NUMBER: P1011503

CATALOG NUMBER: S123DIP-B340D1195UB27-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	464.2	464.2	464.2	464.2	464.2	464.2	464.2	464.2	464.2	464.2	464.2
2.5°	465.5	469.1	470.9	473.6	476.3	480.4	481.7	484.0	483.1	484.9	485.8
5°	463.7	470.0	475.4	482.2	488.5	493.0	497.5	504.7	510.1	511.0	515.0
7.5°	460.6	469.6	479.0	488.5	500.6	507.8	515.9	525.8	533.9	547.0	551.9
10°	456.5	469.1	482.6	495.7	512.3	523.6	533.5	550.1	566.7	580.2	592.8
12.5°	450.2	466.0	483.5	502.9	524.5	537.5	551.0	573.0	598.2	618.9	632.4
15°	442.6	462.4	484.9	505.6	529.4	553.7	568.1	592.8	628.8	648.2	682.8
17.5°	436.3	456.5	479.0	511.4	543.8	568.1	578.4	623.9	648.6	681.0	720.1
20°	426.4	452.0	480.8	513.2	555.0	569.9	591.0	636.9	667.5	709.8	757.9
22.5°	416.1	443.5	478.1	511.9	558.6	574.4	603.2	639.6	688.2	730.0	783.1
25°	404.8	434.5	469.6	509.6	555.5	578.4	605.4	650.4	703.0	755.7	804.7
27.5°	393.6	426.0	462.4	502.4	547.0	573.9	600.9	647.7	715.2	772.3	834.8
30°	382.8	415.2	451.6	492.5	539.3	565.4	591.0	649.5	724.6	788.9	851.9
32.5°	371.1	404.4	442.6	476.8	524.0	551.9	580.7	649.5	730.5	798.8	856.4
35°	357.1	391.3	424.2	458.3	505.1	536.2	568.5	645.0	735.9	802.0	837.5
37.5°	343.6	373.8	402.1	435.4	484.4	517.7	555.0	639.6	733.2	788.5	798.4
40°	328.4	358.5	381.4	412.5	464.2	502.9	540.7	632.4	721.5	756.6	727.8
42.5°	313.5	337.3	357.1	387.3	443.5	481.3	522.2	619.4	698.5	705.7	641.0
45°	296.4	313.5	331.1	365.2	421.0	459.7	505.1	600.5	661.7	641.0	559.1
47.5°	274.4	289.7	309.0	340.5	397.2	437.2	480.4	576.2	608.1	564.9	475.4
50°	253.2	266.3	284.3	314.9	372.0	411.1	457.0	538.0	553.7	485.8	409.8
52.5°	232.1	242.0	259.5	290.1	347.2	385.0	426.9	498.8	489.8	417.0	349.5
55°	210.1	218.6	235.2	265.4	318.5	354.4	394.5	450.7	427.3	358.0	304.1
57.5°	188.5	197.5	214.6	239.7	289.7	324.8	356.7	400.8	365.7	310.4	262.7
60°	169.1	176.8	189.8	214.6	260.0	288.3	317.6	347.7	318.5	264.9	228.5
62.5°	148.9	156.1	168.2	190.7	229.8	255.0	278.4	303.2	270.8	231.6	199.3
65°	130.0	135.8	147.1	167.8	199.7	220.4	239.3	256.4	230.3	194.3	170.0
67.5°	112.9	117.8	127.3	145.7	172.7	187.6	202.9	217.3	195.2	166.4	145.7
70°	94.5	98.5	107.1	120.5	142.1	157.4	168.7	179.5	159.7	136.7	122.8
72.5°	78.3	82.3	87.7	101.7	116.5	125.9	138.1	143.9	132.7	113.8	99.9
75°	62.5	65.7	70.6	79.6	93.6	99.9	107.5	112.0	101.7	89.1	80.5
77.5°	49.0	50.4	54.0	60.3	69.7	76.9	82.8	85.5	78.3	70.2	63.0
80°	34.6	36.4	39.1	44.5	51.7	54.0	57.6	60.7	56.2	49.0	44.5
82.5°	22.9	25.2	26.5	28.8	33.3	36.0	36.9	39.6	35.5	32.8	31.0
85°	13.5	14.4	14.8	16.2	18.4	19.8	21.1	21.6	20.7	20.2	18.4
87.5°	6.7	6.7	6.7	7.6	8.1	9.0	9.4	9.4	9.4	9.0	8.5
90°	1.2	3.8	6.3	8.9	11.4	12.7	14.4	17.7	21.0	24.3	27.6
92.5°	34.5	36.0	37.6	39.1	40.6	41.4	42.2	43.7	45.3	46.8	48.4
95°	67.9	69.7	71.5	73.3	75.1	76.0	77.0	79.1	81.1	83.2	85.2
97.5°	111.7	113.0	114.2	115.5	116.8	117.4	118.2	119.7	121.2	122.8	124.3
100°	156.6	158.1	159.7	161.2	162.7	163.5	164.1	165.4	166.7	167.9	169.2
102.5°	208.4	209.2	209.9	210.7	211.4	211.8	212.7	214.5	216.3	218.1	219.9
105°	259.0	259.5	260.0	260.5	261.0	261.3	262.5	264.8	267.1	269.4	271.7
107.5°	318.9	319.2	319.4	319.7	320.0	320.1	320.6	321.6	322.7	323.7	324.7
110°	374.2	374.7	375.2	375.7	376.2	376.5	376.8	377.3	377.8	378.3	378.8

TEST NUMBER: P1011503

CATALOG NUMBER: S123DIP-B340D1195UB27-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	431.7	432.0	432.2	432.5	432.8	432.9	432.9	432.9	432.9	432.9	432.9
115°	489.3	490.1	490.9	491.6	492.4	492.8	492.5	492.0	491.5	491.0	490.5
117.5°	548.0	548.3	548.5	548.8	549.1	549.2	548.9	548.4	547.9	547.4	546.9
120°	602.1	603.6	605.2	606.7	608.2	609.0	608.4	607.1	605.8	604.6	603.3
122.5°	658.5	659.5	660.5	661.6	662.6	663.1	662.8	662.3	661.8	661.3	660.8
125°	716.1	716.9	717.7	718.4	719.2	719.6	719.3	718.8	718.3	717.8	717.3
127.5°	769.1	770.6	772.2	773.7	775.2	776.0	775.7	775.2	774.7	774.2	773.7
130°	822.0	824.0	826.1	828.1	830.2	831.2	830.8	830.1	829.3	828.6	827.8
132.5°	875.0	877.0	879.1	881.1	883.2	884.2	883.9	883.4	882.9	882.4	881.9
135°	929.1	930.6	932.2	933.7	935.2	936.0	935.9	935.6	935.4	935.1	934.9
137.5°	978.6	979.9	981.2	982.5	983.8	984.4	984.8	985.5	986.3	987.0	987.8
140°	1030.4	1031.7	1033.0	1034.3	1035.6	1036.2	1036.3	1036.6	1036.8	1037.1	1037.3
142.5°	1077.6	1078.9	1080.2	1081.5	1082.8	1083.4	1083.7	1084.2	1084.7	1085.2	1085.7
145°	1127.1	1127.6	1128.1	1128.6	1129.1	1129.4	1129.8	1130.6	1131.3	1132.1	1132.9
147.5°	1169.7	1170.7	1171.7	1172.8	1173.8	1174.3	1174.7	1175.5	1176.2	1177.0	1177.8
150°	1214.6	1215.1	1215.6	1216.1	1216.6	1216.9	1217.2	1217.7	1218.2	1218.7	1219.2
152.5°	1251.5	1252.3	1253.0	1253.8	1254.5	1254.9	1255.0	1255.3	1255.6	1255.8	1256.1
155°	1290.6	1290.6	1290.6	1290.6	1290.6	1290.6	1290.7	1291.0	1291.3	1291.5	1291.8
157.5°	1324.0	1323.7	1323.5	1323.2	1322.9	1322.8	1322.9	1323.2	1323.5	1323.7	1324.0
160°	1355.1	1354.6	1354.1	1353.6	1353.1	1352.8	1352.8	1352.8	1352.8	1352.8	1352.8
162.5°	1382.7	1381.9	1381.1	1380.4	1379.6	1379.2	1379.3	1379.6	1379.9	1380.1	1380.4
165°	1405.7	1404.9	1404.2	1403.4	1402.7	1402.3	1402.3	1402.3	1402.3	1402.3	1402.3
167.5°	1425.3	1424.3	1423.3	1422.2	1421.2	1420.7	1420.8	1421.1	1421.3	1421.6	1421.8
170°	1441.4	1440.4	1439.4	1438.3	1437.3	1436.8	1436.8	1436.8	1436.8	1436.8	1436.8
172.5°	1454.1	1453.1	1452.1	1451.0	1450.0	1449.5	1449.5	1449.5	1449.5	1449.5	1449.5
175°	1462.1	1461.1	1460.1	1459.0	1458.0	1457.5	1457.5	1457.5	1457.5	1457.5	1457.5
177.5°	1466.7	1465.7	1464.7	1463.6	1462.6	1462.1	1462.1	1462.1	1462.1	1462.1	1462.1
180°	1465.6	1465.6	1465.6	1465.6	1465.6	1465.6	1465.6	1465.6	1465.6	1465.6	1465.6

TEST NUMBER: P1011503

CATALOG NUMBER: S123DIP-B340D1195UB27-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	464.2	464.2	464.2	464.2	464.2	464.2	464.2	464.2	464.2	464.2	464.2
2.5°	488.9	489.8	493.0	495.2	499.7	499.3	499.3	498.8	497.5	499.7	501.1
5°	523.1	530.8	531.7	541.6	542.0	546.1	548.8	546.5	551.9	551.5	547.4
7.5°	565.4	575.7	580.7	590.1	600.9	598.2	608.6	610.4	609.5	614.0	617.1
10°	611.7	629.7	642.3	659.9	664.3	667.0	673.8	679.6	691.3	682.3	688.2
12.5°	664.8	677.8	694.5	722.4	736.3	745.3	748.5	752.5	760.6	755.7	756.1
15°	709.3	726.9	755.2	789.8	793.9	805.1	802.4	826.7	838.4	820.9	830.8
17.5°	755.7	779.0	812.8	842.9	860.0	867.7	874.9	898.2	897.3	894.6	896.9
20°	785.3	823.6	865.4	905.4	910.4	916.2	935.6	945.5	943.7	951.3	956.3
22.5°	827.2	867.7	912.2	938.7	950.0	956.7	972.0	978.3	981.0	982.8	979.7
25°	862.3	905.4	938.3	961.7	968.4	972.0	977.0	978.8	977.4	974.3	977.0
27.5°	886.1	920.7	943.2	954.0	950.4	944.6	935.1	928.8	914.9	908.1	916.2
30°	896.0	911.3	918.0	900.0	882.1	867.7	849.7	816.4	790.3	797.9	787.6
32.5°	880.3	870.4	838.0	791.6	777.7	754.3	703.5	664.3	665.7	645.0	653.6
35°	833.9	788.9	727.8	657.6	639.2	626.6	570.8	562.2	544.3	524.9	530.3
37.5°	752.1	686.4	612.2	560.4	533.0	505.6	474.1	455.2	444.4	436.3	442.6
40°	652.2	572.1	511.0	464.6	441.3	423.7	402.1	383.2	371.1	369.7	372.0
42.5°	554.1	486.7	430.5	386.4	378.7	358.0	344.1	329.3	325.7	319.8	323.0
45°	469.1	414.3	367.9	331.9	323.0	317.6	300.5	291.0	287.0	283.4	288.8
47.5°	407.5	349.9	316.2	294.6	285.6	276.6	267.2	260.9	257.7	258.2	257.7
50°	348.1	305.9	276.2	259.5	254.1	247.8	240.2	236.1	234.8	230.7	233.9
52.5°	299.6	269.0	248.3	232.5	228.5	224.0	217.7	215.5	212.3	211.4	211.4
55°	260.4	236.6	220.0	209.6	204.7	201.1	197.5	194.8	192.5	192.5	192.5
57.5°	229.8	209.2	197.0	188.0	186.2	182.6	178.6	178.6	175.4	175.0	176.3
60°	203.8	185.3	175.9	168.2	165.5	164.6	160.6	160.6	159.7	157.4	159.2
62.5°	177.2	163.7	155.6	149.8	147.1	147.1	143.9	141.7	141.7	142.1	141.2
65°	152.9	143.0	135.8	131.3	130.0	128.2	127.7	125.9	124.6	125.0	124.6
67.5°	131.3	123.7	118.7	115.1	112.9	112.0	110.6	110.6	109.8	110.2	108.0
70°	112.0	104.4	100.3	96.7	95.8	95.8	94.0	94.5	93.6	94.9	94.0
72.5°	92.2	86.4	83.2	81.9	81.0	80.5	79.6	78.7	78.3	79.2	78.7
75°	74.7	69.7	67.5	66.6	65.7	65.7	65.2	64.8	64.3	64.3	64.3
77.5°	58.0	54.9	52.2	53.1	51.7	52.2	50.8	50.8	51.3	50.8	50.8
80°	42.7	40.5	40.5	39.6	37.8	38.7	38.7	37.3	36.9	37.8	36.4
82.5°	28.3	27.9	27.0	26.5	25.6	26.1	25.6	25.2	24.7	25.6	24.7
85°	16.6	16.6	16.2	15.3	16.2	15.7	15.3	15.3	14.8	14.8	14.8
87.5°	8.5	7.6	7.6	7.2	7.6	6.7	7.2	6.7	6.3	6.7	6.3
90°	28.6	29.6	30.7	31.7	32.2	32.5	33.0	33.5	34.0	34.5	34.0
92.5°	49.2	49.9	50.7	51.4	51.8	51.5	51.0	50.5	50.0	49.5	50.0
95°	86.2	87.2	88.3	89.3	89.8	89.8	89.8	89.8	89.8	89.8	89.8
97.5°	125.6	126.9	128.2	129.5	130.1	130.0	129.7	129.4	129.2	128.9	129.2
100°	170.0	170.8	171.5	172.3	172.7	173.0	173.5	174.0	174.5	175.0	174.5
102.5°	220.7	221.5	222.2	223.0	223.4	223.3	223.0	222.7	222.5	222.2	222.5
105°	271.7	271.7	271.7	271.7	271.7	272.0	272.5	273.0	273.5	274.0	273.5
107.5°	325.5	326.2	327.0	327.7	328.1	328.0	327.7	327.5	327.2	327.0	327.2
110°	379.8	380.8	381.9	382.9	383.4	383.1	382.6	382.1	381.6	381.1	381.6

TEST NUMBER: P1011503

CATALOG NUMBER: S123DIP-B340D1195UB27-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	434.2	435.4	436.7	438.0	438.6	438.6	438.6	438.6	438.6	438.6	438.6
115°	490.7	491.0	491.2	491.5	491.6	491.5	491.2	491.0	490.7	490.5	490.7
117.5°	546.9	546.9	546.9	546.9	546.9	546.5	545.7	545.0	544.2	543.4	544.2
120°	603.0	602.8	602.5	602.2	602.1	601.8	601.3	600.8	600.3	599.8	600.3
122.5°	660.0	659.3	658.5	657.8	657.4	657.0	656.2	655.5	654.7	653.9	654.7
125°	716.3	715.3	714.2	713.2	712.7	712.2	711.1	710.1	709.0	708.0	709.0
127.5°	772.2	770.6	769.1	767.6	766.8	766.3	765.3	764.2	763.2	762.2	763.2
130°	826.8	825.8	824.7	823.7	823.2	822.3	820.5	818.7	816.9	815.1	816.9
132.5°	880.6	879.3	878.0	876.7	876.1	875.5	874.2	872.9	871.7	870.4	871.7
135°	933.9	932.8	931.8	930.7	930.2	929.9	929.4	928.9	928.4	927.9	928.4
137.5°	986.5	985.3	984.0	982.7	982.1	981.7	980.9	980.2	979.4	978.6	979.4
140°	1037.1	1036.8	1036.6	1036.3	1036.2	1035.3	1033.5	1031.7	1029.9	1028.1	1029.9
142.5°	1085.4	1085.2	1084.9	1084.6	1084.5	1083.9	1082.6	1081.3	1080.1	1078.8	1080.1
145°	1132.6	1132.4	1132.1	1131.8	1131.7	1131.2	1130.2	1129.1	1128.1	1127.1	1128.1
147.5°	1177.8	1177.8	1177.8	1177.8	1177.8	1177.0	1175.5	1174.0	1172.4	1170.9	1172.4
150°	1219.2	1219.2	1219.2	1219.2	1219.2	1218.4	1216.9	1215.4	1213.8	1212.3	1213.8
152.5°	1256.6	1257.1	1257.6	1258.1	1258.4	1257.8	1256.5	1255.2	1253.9	1252.6	1253.9
155°	1292.8	1293.8	1294.9	1295.9	1296.4	1295.5	1293.7	1291.9	1290.1	1288.3	1290.1
157.5°	1325.0	1326.0	1327.1	1328.1	1328.6	1327.8	1326.3	1324.8	1323.2	1321.7	1323.2
160°	1354.1	1355.3	1356.6	1357.9	1358.5	1358.0	1357.0	1355.9	1354.9	1353.9	1354.9
162.5°	1381.7	1383.0	1384.3	1385.6	1386.2	1385.3	1383.5	1381.7	1379.9	1378.1	1379.9
165°	1403.8	1405.4	1406.9	1408.4	1409.2	1408.3	1406.5	1404.7	1402.9	1401.1	1402.9
167.5°	1423.4	1424.9	1426.5	1428.0	1428.8	1428.0	1426.5	1424.9	1423.4	1421.8	1423.4
170°	1438.6	1440.4	1442.2	1444.0	1444.9	1444.0	1442.2	1440.4	1438.6	1436.8	1438.6
172.5°	1451.0	1452.6	1454.1	1455.6	1456.4	1455.5	1453.7	1451.9	1450.1	1448.3	1450.1
175°	1459.0	1460.6	1462.1	1463.6	1464.4	1463.5	1461.7	1460.0	1458.2	1456.4	1458.2
177.5°	1463.7	1465.2	1466.8	1468.3	1469.1	1468.2	1466.4	1464.6	1462.8	1461.0	1462.8
180°	1465.6	1465.6	1465.6	1465.6	1465.6	1465.6	1465.6	1465.6	1465.6	1465.6	1465.6

TEST NUMBER: P1011503

CATALOG NUMBER: S123DIP-B340D1195UB27-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	464.2	464.2	464.2	464.2	464.2	464.2	464.2	464.2	464.2	464.2	464.2
2.5°	497.5	498.8	495.2	494.3	494.3	496.1	494.8	482.6	484.9	482.2	481.3
5°	552.4	549.7	546.1	544.3	542.0	535.7	535.3	521.3	518.6	509.6	505.6
7.5°	612.6	610.4	599.6	598.2	597.3	591.5	576.6	561.8	551.0	540.7	530.8
10°	681.4	674.7	669.7	659.9	654.9	646.8	627.5	613.5	595.1	579.3	558.6
12.5°	764.2	756.6	739.9	732.7	726.4	703.9	684.6	668.8	632.9	622.1	596.4
15°	824.9	808.7	806.9	791.2	790.3	765.6	728.7	711.6	683.7	644.1	617.6
17.5°	890.6	876.2	865.0	846.1	843.4	820.0	793.0	751.2	720.6	682.8	649.1
20°	938.7	931.1	911.7	904.1	888.3	868.6	840.7	788.9	751.6	713.8	672.4
22.5°	977.0	969.3	954.0	943.7	934.7	909.0	875.8	831.7	780.4	730.9	688.2
25°	976.5	974.3	968.0	963.0	956.3	937.4	909.5	867.2	810.1	755.7	696.3
27.5°	921.2	927.5	938.3	943.7	942.3	939.6	923.9	888.3	837.1	772.3	705.7
30°	806.0	829.0	849.2	876.2	884.3	904.1	913.1	892.8	851.9	791.6	717.9
32.5°	668.4	701.7	745.8	760.6	786.2	824.5	867.2	874.9	849.2	802.9	725.5
35°	548.3	575.7	609.9	633.3	656.3	718.3	772.3	819.1	827.6	797.0	723.7
37.5°	453.8	473.2	503.3	523.1	544.3	597.3	672.9	733.6	776.3	777.2	718.8
40°	385.5	394.0	420.1	434.5	454.7	500.6	568.1	647.3	709.8	738.6	705.7
42.5°	326.6	337.8	359.4	370.2	383.2	423.3	467.8	542.9	620.3	681.9	681.4
45°	291.5	299.6	309.5	318.5	333.3	357.1	408.0	464.2	538.4	608.1	635.6
47.5°	260.4	268.1	278.0	280.7	290.6	313.1	344.1	393.1	462.4	531.7	583.4
50°	234.3	240.6	247.4	252.3	256.8	275.3	298.7	340.0	395.4	462.4	526.7
52.5°	214.1	218.6	224.4	227.1	231.2	244.7	262.7	293.3	338.7	399.9	462.4
55°	195.2	198.4	202.0	206.5	208.3	218.2	232.1	258.2	291.9	346.8	406.2
57.5°	177.7	179.0	181.3	184.0	186.2	194.8	206.9	224.4	254.1	296.4	352.6
60°	157.9	161.5	162.8	165.5	166.9	173.6	183.1	197.9	220.9	257.3	299.6
62.5°	141.2	143.5	145.7	147.1	150.2	152.5	160.1	173.6	192.5	219.5	257.7
65°	126.4	127.3	128.6	130.0	130.9	133.6	140.8	149.8	164.2	188.0	217.7
67.5°	109.3	110.2	112.0	112.4	113.3	116.9	121.0	128.6	140.8	158.8	183.1
70°	92.7	94.0	94.9	95.8	97.2	98.5	103.0	109.3	118.7	131.3	150.2
72.5°	78.3	79.6	79.6	80.5	80.1	81.9	86.4	90.9	97.2	107.5	124.1
75°	63.9	63.9	64.8	65.2	65.7	67.5	69.3	72.9	77.8	85.9	96.3
77.5°	50.4	49.9	50.8	50.8	50.8	52.2	54.0	55.8	58.9	64.8	72.9
80°	36.9	36.9	37.8	38.2	37.3	37.8	38.7	40.5	42.7	46.8	51.3
82.5°	24.3	26.1	25.6	26.1	25.6	26.5	27.0	27.4	28.3	30.1	33.3
85°	14.8	14.8	14.8	15.3	14.8	15.3	15.3	15.3	15.7	16.6	18.0
87.5°	6.3	6.3	6.3	6.7	6.3	6.3	6.7	6.3	6.7	6.7	7.2
90°	33.5	33.0	32.5	32.2	31.7	30.7	29.6	28.6	27.6	24.3	21.0
92.5°	50.5	51.0	51.5	51.8	51.4	50.7	49.9	49.2	48.4	46.8	45.3
95°	89.8	89.8	89.8	89.8	89.3	88.3	87.2	86.2	85.2	83.2	81.1
97.5°	129.4	129.7	130.0	130.1	129.5	128.2	126.9	125.6	124.3	122.8	121.2
100°	174.0	173.5	173.0	172.7	172.3	171.5	170.8	170.0	169.2	167.9	166.7
102.5°	222.7	223.0	223.3	223.4	223.0	222.2	221.5	220.7	219.9	218.1	216.3
105°	273.0	272.5	272.0	271.7	271.7	271.7	271.7	271.7	271.7	269.4	267.1
107.5°	327.5	327.7	328.0	328.1	327.7	327.0	326.2	325.5	324.7	323.7	322.7
110°	382.1	382.6	383.1	383.4	382.9	381.9	380.8	379.8	378.8	378.3	377.8

TEST NUMBER: P1011503

CATALOG NUMBER: S123DIP-B340D1195UB27-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	438.6	438.6	438.6	438.6	438.0	436.7	435.4	434.2	432.9	432.9	432.9
115°	491.0	491.2	491.5	491.6	491.5	491.2	491.0	490.7	490.5	491.0	491.5
117.5°	545.0	545.7	546.5	546.9	546.9	546.9	546.9	546.9	546.9	547.4	547.9
120°	600.8	601.3	601.8	602.1	602.2	602.5	602.8	603.0	603.3	604.6	605.8
122.5°	655.5	656.2	657.0	657.4	657.8	658.5	659.3	660.0	660.8	661.3	661.8
125°	710.1	711.1	712.2	712.7	713.2	714.2	715.3	716.3	717.3	717.8	718.3
127.5°	764.2	765.3	766.3	766.8	767.6	769.1	770.6	772.2	773.7	774.2	774.7
130°	818.7	820.5	822.3	823.2	823.7	824.7	825.8	826.8	827.8	828.6	829.3
132.5°	872.9	874.2	875.5	876.1	876.7	878.0	879.3	880.6	881.9	882.4	882.9
135°	928.9	929.4	929.9	930.2	930.7	931.8	932.8	933.9	934.9	935.1	935.4
137.5°	980.2	980.9	981.7	982.1	982.7	984.0	985.3	986.5	987.8	987.0	986.3
140°	1031.7	1033.5	1035.3	1036.2	1036.3	1036.6	1036.8	1037.1	1037.3	1037.1	1036.8
142.5°	1081.3	1082.6	1083.9	1084.5	1084.6	1084.9	1085.2	1085.4	1085.7	1085.2	1084.7
145°	1129.1	1130.2	1131.2	1131.7	1131.8	1132.1	1132.4	1132.6	1132.9	1132.1	1131.3
147.5°	1174.0	1175.5	1177.0	1177.8	1177.8	1177.8	1177.8	1177.8	1177.8	1177.0	1176.2
150°	1215.4	1216.9	1218.4	1219.2	1219.2	1219.2	1219.2	1219.2	1219.2	1218.7	1218.2
152.5°	1255.2	1256.5	1257.8	1258.4	1258.1	1257.6	1257.1	1256.6	1256.1	1255.8	1255.6
155°	1291.9	1293.7	1295.5	1296.4	1295.9	1294.9	1293.8	1292.8	1291.8	1291.5	1291.3
157.5°	1324.8	1326.3	1327.8	1328.6	1328.1	1327.1	1326.0	1325.0	1324.0	1323.7	1323.5
160°	1355.9	1357.0	1358.0	1358.5	1357.9	1356.6	1355.3	1354.1	1352.8	1352.8	1352.8
162.5°	1381.7	1383.5	1385.3	1386.2	1385.6	1384.3	1383.0	1381.7	1380.4	1380.1	1379.9
165°	1404.7	1406.5	1408.3	1409.2	1408.4	1406.9	1405.4	1403.8	1402.3	1402.3	1402.3
167.5°	1424.9	1426.5	1428.0	1428.8	1428.0	1426.5	1424.9	1423.4	1421.8	1421.6	1421.3
170°	1440.4	1442.2	1444.0	1444.9	1444.0	1442.2	1440.4	1438.6	1436.8	1436.8	1436.8
172.5°	1451.9	1453.7	1455.5	1456.4	1455.6	1454.1	1452.6	1451.0	1449.5	1449.5	1449.5
175°	1460.0	1461.7	1463.5	1464.4	1463.6	1462.1	1460.6	1459.0	1457.5	1457.5	1457.5
177.5°	1464.6	1466.4	1468.2	1469.1	1468.3	1466.8	1465.2	1463.7	1462.1	1462.1	1462.1
180°	1465.6	1465.6	1465.6	1465.6	1465.6	1465.6	1465.6	1465.6	1465.6	1465.6	1465.6

TEST NUMBER: P1011503

CATALOG NUMBER: S123DIP-B340D1195UB27-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
0°	464.2	464.2	464.2	464.2	464.2	464.2	464.2	464.2	464.2	464.2	464.2
2.5°	476.8	475.4	475.4	474.5	471.8	466.9	466.4	467.3	464.6	461.9	457.9
5°	500.2	491.6	488.9	486.2	480.8	471.8	468.2	465.1	460.1	454.3	448.0
7.5°	520.0	507.8	504.2	499.3	488.5	475.9	467.8	461.0	454.3	446.2	438.6
10°	544.7	527.2	518.6	511.4	496.6	479.0	466.9	457.0	446.2	436.3	426.4
12.5°	572.6	544.3	541.6	524.0	506.9	480.8	466.0	451.6	437.2	425.1	414.7
15°	596.0	564.9	553.7	542.0	509.2	476.8	462.4	446.2	429.6	416.5	401.2
17.5°	610.8	585.2	561.3	545.6	511.4	482.6	454.7	436.3	418.8	400.8	388.2
20°	628.8	591.5	570.8	549.7	515.9	478.1	450.2	427.3	405.7	389.5	374.2
22.5°	646.8	596.4	579.3	556.4	516.8	473.6	442.1	419.2	394.5	378.3	361.6
25°	645.0	603.6	575.3	555.9	507.8	469.6	432.7	405.7	382.8	362.1	345.4
27.5°	646.4	595.5	566.7	544.3	501.5	463.7	422.8	394.5	370.6	349.0	331.5
30°	646.8	583.4	558.2	531.2	489.8	449.8	411.6	382.8	357.6	334.2	318.5
32.5°	645.5	573.5	542.0	517.7	471.4	436.3	398.5	367.9	342.3	320.7	305.9
35°	642.3	561.8	525.4	494.8	452.5	417.0	386.4	354.9	327.5	307.7	290.6
37.5°	633.8	549.2	507.8	477.7	430.5	394.5	367.5	341.4	314.9	291.5	277.1
40°	627.5	532.1	490.3	457.4	406.6	371.5	349.0	324.3	298.2	277.1	263.1
42.5°	613.1	515.9	472.3	433.2	383.2	347.2	326.1	306.3	283.8	263.1	250.5
45°	589.7	498.4	450.2	410.7	357.6	323.4	304.1	287.9	268.1	248.3	235.7
47.5°	556.8	473.2	426.9	387.3	332.4	297.8	278.4	266.3	250.5	233.9	223.1
50°	521.3	445.7	403.0	363.9	308.1	274.4	255.5	244.2	233.9	218.6	208.3
52.5°	475.0	416.5	375.6	338.2	282.0	249.6	233.0	224.9	214.1	203.3	194.3
55°	430.0	378.7	345.0	309.5	256.4	226.2	210.1	201.5	195.2	186.2	179.0
57.5°	377.8	343.6	312.6	280.2	232.5	205.1	189.8	179.5	175.4	171.4	164.6
60°	329.7	303.6	278.4	251.4	207.8	183.1	168.2	160.1	156.1	153.4	148.9
62.5°	285.6	265.4	243.8	222.2	182.6	160.1	148.9	140.8	137.2	136.7	132.7
65°	243.3	228.9	211.4	190.3	159.2	139.4	128.6	123.7	119.6	119.6	116.5
67.5°	201.1	191.2	177.2	162.4	138.1	119.6	109.8	105.3	103.0	103.0	100.8
70°	167.3	160.6	148.0	134.9	113.8	99.9	92.2	88.2	86.8	87.3	85.5
72.5°	135.8	128.6	118.3	108.9	93.1	82.8	77.4	72.9	70.6	71.1	70.6
75°	105.3	101.7	92.7	85.5	72.9	65.7	60.7	58.5	56.7	57.1	56.2
77.5°	79.2	73.8	68.8	63.9	56.2	50.4	46.3	44.1	42.7	42.7	42.7
80°	54.0	53.1	49.0	46.3	40.0	35.5	32.4	31.9	30.6	30.6	30.6
82.5°	35.1	32.8	30.6	28.8	25.2	22.5	21.1	20.2	19.8	19.3	20.2
85°	19.3	18.0	17.1	15.3	13.9	12.6	11.2	10.8	10.3	10.8	10.3
87.5°	7.6	6.3	6.3	5.8	5.4	4.9	4.9	4.0	4.0	3.6	3.6
90°	17.7	14.4	12.7	11.4	8.9	6.3	3.8	1.2	3.8	6.3	8.9
92.5°	43.7	42.2	41.4	40.6	39.1	37.6	36.0	34.5	36.0	37.6	39.1
95°	79.1	77.0	76.0	75.1	73.3	71.5	69.7	67.9	69.7	71.5	73.3
97.5°	119.7	118.2	117.4	116.8	115.5	114.2	113.0	111.7	113.0	114.2	115.5
100°	165.4	164.1	163.5	162.7	161.2	159.7	158.1	156.6	158.1	159.7	161.2
102.5°	214.5	212.7	211.8	211.4	210.7	209.9	209.2	208.4	209.2	209.9	210.7
105°	264.8	262.5	261.3	261.0	260.5	260.0	259.5	259.0	259.5	260.0	260.5
107.5°	321.6	320.6	320.1	320.0	319.7	319.4	319.2	318.9	319.2	319.4	319.7
110°	377.3	376.8	376.5	376.2	375.7	375.2	374.7	374.2	374.7	375.2	375.7

TEST NUMBER: P1011503

CATALOG NUMBER: S123DIP-B340D1195UB27-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
112.5°	432.9	432.9	432.9	432.8	432.5	432.2	432.0	431.7	432.0	432.2	432.5
115°	492.0	492.5	492.8	492.4	491.6	490.9	490.1	489.3	490.1	490.9	491.6
117.5°	548.4	548.9	549.2	549.1	548.8	548.5	548.3	548.0	548.3	548.5	548.8
120°	607.1	608.4	609.0	608.2	606.7	605.2	603.6	602.1	603.6	605.2	606.7
122.5°	662.3	662.8	663.1	662.6	661.6	660.5	659.5	658.5	659.5	660.5	661.6
125°	718.8	719.3	719.6	719.2	718.4	717.7	716.9	716.1	716.9	717.7	718.4
127.5°	775.2	775.7	776.0	775.2	773.7	772.2	770.6	769.1	770.6	772.2	773.7
130°	830.1	830.8	831.2	830.2	828.1	826.1	824.0	822.0	824.0	826.1	828.1
132.5°	883.4	883.9	884.2	883.2	881.1	879.1	877.0	875.0	877.0	879.1	881.1
135°	935.6	935.9	936.0	935.2	933.7	932.2	930.6	929.1	930.6	932.2	933.7
137.5°	985.5	984.8	984.4	983.8	982.5	981.2	979.9	978.6	979.9	981.2	982.5
140°	1036.6	1036.3	1036.2	1035.6	1034.3	1033.0	1031.7	1030.4	1031.7	1033.0	1034.3
142.5°	1084.2	1083.7	1083.4	1082.8	1081.5	1080.2	1078.9	1077.6	1078.9	1080.2	1081.5
145°	1130.6	1129.8	1129.4	1129.1	1128.6	1128.1	1127.6	1127.1	1127.6	1128.1	1128.6
147.5°	1175.5	1174.7	1174.3	1173.8	1172.8	1171.7	1170.7	1169.7	1170.7	1171.7	1172.8
150°	1217.7	1217.2	1216.9	1216.6	1216.1	1215.6	1215.1	1214.6	1215.1	1215.6	1216.1
152.5°	1255.3	1255.0	1254.9	1254.5	1253.8	1253.0	1252.3	1251.5	1252.3	1253.0	1253.8
155°	1291.0	1290.7	1290.6	1290.6	1290.6	1290.6	1290.6	1290.6	1290.6	1290.6	1290.6
157.5°	1323.2	1322.9	1322.8	1322.9	1323.2	1323.5	1323.7	1324.0	1323.7	1323.5	1323.2
160°	1352.8	1352.8	1352.8	1353.1	1353.6	1354.1	1354.6	1355.1	1354.6	1354.1	1353.6
162.5°	1379.6	1379.3	1379.2	1379.6	1380.4	1381.1	1381.9	1382.7	1381.9	1381.1	1380.4
165°	1402.3	1402.3	1402.3	1402.7	1403.4	1404.2	1404.9	1405.7	1404.9	1404.2	1403.4
167.5°	1421.1	1420.8	1420.7	1421.2	1422.2	1423.3	1424.3	1425.3	1424.3	1423.3	1422.2
170°	1436.8	1436.8	1436.8	1437.3	1438.3	1439.4	1440.4	1441.4	1440.4	1439.4	1438.3
172.5°	1449.5	1449.5	1449.5	1450.0	1451.0	1452.1	1453.1	1454.1	1453.1	1452.1	1451.0
175°	1457.5	1457.5	1457.5	1458.0	1459.0	1460.1	1461.1	1462.1	1461.1	1460.1	1459.0
177.5°	1462.1	1462.1	1462.1	1462.6	1463.6	1464.7	1465.7	1466.7	1465.7	1464.7	1463.6
180°	1465.6	1465.6	1465.6	1465.6	1465.6	1465.6	1465.6	1465.6	1465.6	1465.6	1465.6

TEST NUMBER: P1011503

CATALOG NUMBER: S123DIP-B340D1195UB27-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
0°	464.2	464.2	464.2	464.2	464.2	464.2	464.2	464.2	464.2	464.2	464.2
2.5°	457.0	456.5	457.4	454.7	450.2	448.0	441.7	440.4	439.9	440.4	440.8
5°	444.4	443.9	442.6	438.1	432.7	428.7	421.0	420.6	417.9	415.2	416.5
7.5°	432.3	430.5	427.8	421.9	414.7	410.2	403.9	399.4	395.8	393.6	391.8
10°	420.1	417.4	414.7	407.1	398.1	391.3	383.7	380.1	376.0	374.2	372.4
12.5°	404.4	401.7	396.7	387.7	382.3	373.8	366.1	362.5	360.3	356.7	354.4
15°	391.8	386.4	383.7	374.2	363.0	362.1	348.1	347.2	342.7	342.7	339.1
17.5°	377.4	373.3	368.4	358.9	350.8	342.7	335.5	332.8	328.8	327.9	326.1
20°	363.4	358.0	356.2	346.8	338.2	328.4	320.7	318.0	316.2	314.4	315.8
22.5°	349.0	344.5	340.0	331.5	325.2	315.3	310.8	308.1	305.4	304.5	305.0
25°	335.1	331.1	326.6	318.0	311.3	303.2	299.1	297.8	296.4	296.4	296.0
27.5°	321.6	317.6	313.5	305.9	299.1	293.3	290.1	288.8	287.4	288.3	289.2
30°	307.7	304.1	300.5	293.7	288.3	282.9	281.1	280.2	279.8	282.0	282.0
32.5°	295.1	291.9	289.2	282.9	277.5	273.0	271.7	272.1	272.6	273.9	274.8
35°	282.0	279.8	277.1	271.7	267.2	263.1	263.6	263.6	264.5	266.7	268.5
37.5°	270.3	267.2	264.9	260.4	256.8	253.2	254.6	255.9	256.8	259.5	260.4
40°	256.4	255.0	253.2	248.7	245.6	245.1	245.6	246.5	248.3	249.6	251.0
42.5°	245.1	243.3	241.1	237.5	234.8	235.2	235.7	236.6	237.5	239.7	241.1
45°	232.5	231.2	229.4	226.2	224.0	224.4	224.9	224.9	225.8	228.5	229.4
47.5°	218.6	219.1	216.8	213.7	212.3	212.3	212.3	213.2	215.5	216.4	216.8
50°	205.1	204.2	203.8	200.6	199.7	199.3	199.7	200.2	203.3	202.9	204.2
52.5°	190.7	190.7	190.3	188.5	187.1	187.1	186.2	188.5	189.4	190.3	191.6
55°	176.8	175.4	175.0	174.1	172.3	171.8	172.7	175.4	176.3	177.2	178.6
57.5°	161.5	161.5	160.6	159.2	159.2	159.2	159.2	161.0	162.4	163.3	166.0
60°	147.5	145.7	144.4	144.4	144.4	143.9	146.6	146.6	149.3	149.8	150.7
62.5°	130.9	130.0	129.1	129.5	129.1	130.0	130.9	132.7	133.1	134.5	135.8
65°	115.1	115.1	114.2	116.9	115.1	115.1	117.4	117.4	118.3	119.6	121.4
67.5°	99.9	100.3	99.4	99.4	100.3	100.8	101.2	103.0	103.5	105.3	107.5
70°	84.1	85.0	85.5	84.6	85.5	86.4	87.3	87.7	89.5	90.4	91.8
72.5°	70.2	71.1	69.7	70.2	70.6	71.5	72.0	72.9	73.8	76.5	77.4
75°	56.2	55.8	55.3	57.1	56.2	58.0	58.5	58.5	59.4	61.6	62.5
77.5°	43.2	43.2	43.6	42.7	44.1	43.6	44.1	45.4	46.8	46.8	50.4
80°	30.1	31.0	31.0	31.0	31.5	31.9	31.0	33.3	33.7	33.7	35.1
82.5°	19.3	19.8	19.3	20.2	20.2	21.1	20.7	21.1	22.0	22.9	23.4
85°	10.3	10.3	11.2	11.2	10.8	11.2	10.8	11.2	12.1	12.1	12.6
87.5°	3.6	3.6	3.6	3.6	4.0	3.6	4.0	4.0	3.6	3.6	4.9
90°	11.4	12.7	14.4	17.7	21.0	24.3	27.6	28.6	29.6	30.7	31.7
92.5°	40.6	41.4	42.2	43.7	45.3	46.8	48.4	49.2	49.9	50.7	51.4
95°	75.1	76.0	77.0	79.1	81.1	83.2	85.2	86.2	87.2	88.3	89.3
97.5°	116.8	117.4	118.2	119.7	121.2	122.8	124.3	125.6	126.9	128.2	129.5
100°	162.7	163.5	164.1	165.4	166.7	167.9	169.2	170.0	170.8	171.5	172.3
102.5°	211.4	211.8	212.7	214.5	216.3	218.1	219.9	220.7	221.5	222.2	223.0
105°	261.0	261.3	262.5	264.8	267.1	269.4	271.7	271.7	271.7	271.7	271.7
107.5°	320.0	320.1	320.6	321.6	322.7	323.7	324.7	325.5	326.2	327.0	327.7
110°	376.2	376.5	376.8	377.3	377.8	378.3	378.8	379.8	380.8	381.9	382.9

TEST NUMBER: P1011503

CATALOG NUMBER: S123DIP-B340D1195UB27-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
112.5°	432.8	432.9	432.9	432.9	432.9	432.9	432.9	434.2	435.4	436.7	438.0
115°	492.4	492.8	492.5	492.0	491.5	491.0	490.5	490.7	491.0	491.2	491.5
117.5°	549.1	549.2	548.9	548.4	547.9	547.4	546.9	546.9	546.9	546.9	546.9
120°	608.2	609.0	608.4	607.1	605.8	604.6	603.3	603.0	602.8	602.5	602.2
122.5°	662.6	663.1	662.8	662.3	661.8	661.3	660.8	660.0	659.3	658.5	657.8
125°	719.2	719.6	719.3	718.8	718.3	717.8	717.3	716.3	715.3	714.2	713.2
127.5°	775.2	776.0	775.7	775.2	774.7	774.2	773.7	772.2	770.6	769.1	767.6
130°	830.2	831.2	830.8	830.1	829.3	828.6	827.8	826.8	825.8	824.7	823.7
132.5°	883.2	884.2	883.9	883.4	882.9	882.4	881.9	880.6	879.3	878.0	876.7
135°	935.2	936.0	935.9	935.6	935.4	935.1	934.9	933.9	932.8	931.8	930.7
137.5°	983.8	984.4	984.8	985.5	986.3	987.0	987.8	986.5	985.3	984.0	982.7
140°	1035.6	1036.2	1036.3	1036.6	1036.8	1037.1	1037.3	1037.1	1036.8	1036.6	1036.3
142.5°	1082.8	1083.4	1083.7	1084.2	1084.7	1085.2	1085.7	1085.4	1085.2	1084.9	1084.6
145°	1129.1	1129.4	1129.8	1130.6	1131.3	1132.1	1132.9	1132.6	1132.4	1132.1	1131.8
147.5°	1173.8	1174.3	1174.7	1175.5	1176.2	1177.0	1177.8	1177.8	1177.8	1177.8	1177.8
150°	1216.6	1216.9	1217.2	1217.7	1218.2	1218.7	1219.2	1219.2	1219.2	1219.2	1219.2
152.5°	1254.5	1254.9	1255.0	1255.3	1255.6	1255.8	1256.1	1256.6	1257.1	1257.6	1258.1
155°	1290.6	1290.6	1290.7	1291.0	1291.3	1291.5	1291.8	1292.8	1293.8	1294.9	1295.9
157.5°	1322.9	1322.8	1322.9	1323.2	1323.5	1323.7	1324.0	1325.0	1326.0	1327.1	1328.1
160°	1353.1	1352.8	1352.8	1352.8	1352.8	1352.8	1352.8	1354.1	1355.3	1356.6	1357.9
162.5°	1379.6	1379.2	1379.3	1379.6	1379.9	1380.1	1380.4	1381.7	1383.0	1384.3	1385.6
165°	1402.7	1402.3	1402.3	1402.3	1402.3	1402.3	1402.3	1403.8	1405.4	1406.9	1408.4
167.5°	1421.2	1420.7	1420.8	1421.1	1421.3	1421.6	1421.8	1423.4	1424.9	1426.5	1428.0
170°	1437.3	1436.8	1436.8	1436.8	1436.8	1436.8	1436.8	1438.6	1440.4	1442.2	1444.0
172.5°	1450.0	1449.5	1449.5	1449.5	1449.5	1449.5	1449.5	1451.0	1452.6	1454.1	1455.6
175°	1458.0	1457.5	1457.5	1457.5	1457.5	1457.5	1457.5	1459.0	1460.6	1462.1	1463.6
177.5°	1462.6	1462.1	1462.1	1462.1	1462.1	1462.1	1462.1	1463.7	1465.2	1466.8	1468.3
180°	1465.6	1465.6	1465.6	1465.6	1465.6	1465.6	1465.6	1465.6	1465.6	1465.6	1465.6

TEST NUMBER: P1011503

CATALOG NUMBER: S123DIP-B340D1195UB27-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
0°	464.2	464.2	464.2	464.2	464.2	464.2	464.2	464.2	464.2	464.2	464.2
2.5°	440.4	440.8	439.0	437.7	441.3	439.0	439.0	439.5	438.6	439.9	439.5
5°	415.6	416.1	412.9	413.8	412.0	411.6	411.1	413.8	413.4	412.9	413.8
7.5°	391.3	391.3	390.0	389.1	389.1	387.7	389.5	389.1	390.0	390.0	391.3
10°	371.1	372.0	369.7	367.5	367.0	367.5	367.5	367.9	368.4	371.5	371.1
12.5°	354.4	353.1	352.6	351.3	349.0	348.1	347.2	352.2	350.8	350.8	350.8
15°	336.0	339.1	338.7	334.6	333.7	335.5	334.6	334.6	339.1	338.7	338.2
17.5°	326.1	325.2	324.3	322.1	322.5	322.1	322.5	322.5	325.2	325.2	325.2
20°	314.9	313.1	313.1	312.2	312.2	310.8	312.6	313.1	314.9	314.9	315.3
22.5°	305.0	303.6	303.6	303.2	304.1	302.3	304.1	304.5	304.5	305.9	305.9
25°	296.4	295.5	295.5	296.4	296.4	296.4	296.4	298.2	296.9	297.3	296.9
27.5°	288.8	289.2	289.7	290.1	289.7	290.1	290.6	291.5	291.9	291.5	290.6
30°	281.6	282.9	283.4	283.4	284.3	284.7	285.2	285.2	285.6	284.3	285.2
32.5°	276.2	276.2	277.1	277.5	278.4	278.9	278.9	279.8	279.3	278.0	278.4
35°	268.5	268.5	270.3	271.2	272.6	272.1	272.6	272.6	273.0	272.1	270.8
37.5°	260.9	261.8	261.8	263.6	264.0	264.5	264.0	264.9	264.5	263.6	263.1
40°	251.9	251.4	251.9	253.2	253.7	253.7	253.7	254.6	254.6	254.6	254.1
42.5°	240.6	242.0	241.5	242.9	242.4	242.4	243.3	244.2	244.7	243.3	243.8
45°	229.8	229.8	230.7	230.7	231.2	231.2	233.0	232.1	233.0	232.1	232.5
47.5°	218.2	218.6	218.6	219.1	220.0	220.9	220.0	220.4	220.4	220.9	220.0
50°	205.1	205.1	206.0	207.4	209.2	208.3	207.8	209.6	208.3	208.3	207.4
52.5°	191.6	193.0	193.4	194.8	196.1	196.6	197.0	196.1	196.6	195.2	195.7
55°	178.6	179.0	180.8	182.2	183.5	183.5	183.1	183.5	184.0	182.2	182.2
57.5°	165.5	166.9	168.7	168.7	170.5	170.5	170.0	170.0	170.5	169.1	168.7
60°	151.6	152.9	155.2	155.2	157.9	158.3	157.4	156.5	156.5	155.2	155.6
62.5°	136.7	138.1	139.4	141.7	143.5	142.6	144.4	142.6	143.0	140.3	140.3
65°	123.7	124.1	126.4	128.6	128.6	129.5	128.6	129.1	127.7	127.7	125.9
67.5°	108.4	108.4	110.6	112.9	115.1	115.1	115.1	113.8	113.8	112.4	112.4
70°	94.9	94.5	96.7	98.1	99.4	99.9	99.0	98.5	97.6	96.3	95.8
72.5°	78.3	79.2	81.4	82.3	84.6	84.1	86.4	83.7	83.7	81.4	81.0
75°	63.4	64.3	66.6	67.9	69.3	69.3	70.6	69.3	67.5	66.6	66.1
77.5°	50.4	49.9	51.7	54.0	54.4	54.0	54.9	54.4	52.6	52.6	51.7
80°	36.0	37.3	39.1	38.7	40.5	40.0	40.0	39.1	39.1	37.8	38.7
82.5°	23.8	25.2	25.6	25.2	25.6	26.5	27.0	26.5	26.5	25.6	26.1
85°	12.6	12.6	13.5	13.9	13.5	13.5	13.9	15.3	14.4	13.5	14.4
87.5°	4.0	3.6	3.6	4.0	3.6	3.6	4.0	4.0	4.5	4.5	4.5
90°	32.2	32.5	33.0	33.5	34.0	34.5	34.0	33.5	33.0	32.5	32.2
92.5°	51.8	51.5	51.0	50.5	50.0	49.5	50.0	50.5	51.0	51.5	51.8
95°	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
97.5°	130.1	130.0	129.7	129.4	129.2	128.9	129.2	129.4	129.7	130.0	130.1
100°	172.7	173.0	173.5	174.0	174.5	175.0	174.5	174.0	173.5	173.0	172.7
102.5°	223.4	223.3	223.0	222.7	222.5	222.2	222.5	222.7	223.0	223.3	223.4
105°	271.7	272.0	272.5	273.0	273.5	274.0	273.5	273.0	272.5	272.0	271.7
107.5°	328.1	328.0	327.7	327.5	327.2	327.0	327.2	327.5	327.7	328.0	328.1
110°	383.4	383.1	382.6	382.1	381.6	381.1	381.6	382.1	382.6	383.1	383.4

TEST NUMBER: P1011503

CATALOG NUMBER: S123DIP-B340D1195UB27-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
112.5°	438.6	438.6	438.6	438.6	438.6	438.6	438.6	438.6	438.6	438.6	438.6
115°	491.6	491.5	491.2	491.0	490.7	490.5	490.7	491.0	491.2	491.5	491.6
117.5°	546.9	546.5	545.7	545.0	544.2	543.4	544.2	545.0	545.7	546.5	546.9
120°	602.1	601.8	601.3	600.8	600.3	599.8	600.3	600.8	601.3	601.8	602.1
122.5°	657.4	657.0	656.2	655.5	654.7	653.9	654.7	655.5	656.2	657.0	657.4
125°	712.7	712.2	711.1	710.1	709.0	708.0	709.0	710.1	711.1	712.2	712.7
127.5°	766.8	766.3	765.3	764.2	763.2	762.2	763.2	764.2	765.3	766.3	766.8
130°	823.2	822.3	820.5	818.7	816.9	815.1	816.9	818.7	820.5	822.3	823.2
132.5°	876.1	875.5	874.2	872.9	871.7	870.4	871.7	872.9	874.2	875.5	876.1
135°	930.2	929.9	929.4	928.9	928.4	927.9	928.4	928.9	929.4	929.9	930.2
137.5°	982.1	981.7	980.9	980.2	979.4	978.6	979.4	980.2	980.9	981.7	982.1
140°	1036.2	1035.3	1033.5	1031.7	1029.9	1028.1	1029.9	1031.7	1033.5	1035.3	1036.2
142.5°	1084.5	1083.9	1082.6	1081.3	1080.1	1078.8	1080.1	1081.3	1082.6	1083.9	1084.5
145°	1131.7	1131.2	1130.2	1129.1	1128.1	1127.1	1128.1	1129.1	1130.2	1131.2	1131.7
147.5°	1177.8	1177.0	1175.5	1174.0	1172.4	1170.9	1172.4	1174.0	1175.5	1177.0	1177.8
150°	1219.2	1218.4	1216.9	1215.4	1213.8	1212.3	1213.8	1215.4	1216.9	1218.4	1219.2
152.5°	1258.4	1257.8	1256.5	1255.2	1253.9	1252.6	1253.9	1255.2	1256.5	1257.8	1258.4
155°	1296.4	1295.5	1293.7	1291.9	1290.1	1288.3	1290.1	1291.9	1293.7	1295.5	1296.4
157.5°	1328.6	1327.8	1326.3	1324.8	1323.2	1321.7	1323.2	1324.8	1326.3	1327.8	1328.6
160°	1358.5	1358.0	1357.0	1355.9	1354.9	1353.9	1354.9	1355.9	1357.0	1358.0	1358.5
162.5°	1386.2	1385.3	1383.5	1381.7	1379.9	1378.1	1379.9	1381.7	1383.5	1385.3	1386.2
165°	1409.2	1408.3	1406.5	1404.7	1402.9	1401.1	1402.9	1404.7	1406.5	1408.3	1409.2
167.5°	1428.8	1428.0	1426.5	1424.9	1423.4	1421.8	1423.4	1424.9	1426.5	1428.0	1428.8
170°	1444.9	1444.0	1442.2	1440.4	1438.6	1436.8	1438.6	1440.4	1442.2	1444.0	1444.9
172.5°	1456.4	1455.5	1453.7	1451.9	1450.1	1448.3	1450.1	1451.9	1453.7	1455.5	1456.4
175°	1464.4	1463.5	1461.7	1460.0	1458.2	1456.4	1458.2	1460.0	1461.7	1463.5	1464.4
177.5°	1469.1	1468.2	1466.4	1464.6	1462.8	1461.0	1462.8	1464.6	1466.4	1468.2	1469.1
180°	1465.6	1465.6	1465.6	1465.6	1465.6	1465.6	1465.6	1465.6	1465.6	1465.6	1465.6

TEST NUMBER: P1011503

CATALOG NUMBER: S123DIP-B340D1195UB27-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
0°	464.2	464.2	464.2	464.2	464.2	464.2	464.2	464.2	464.2	464.2	464.2
2.5°	440.8	441.7	442.1	440.4	439.0	441.3	444.4	446.6	448.4	450.7	452.0
5°	414.7	417.9	417.9	418.8	420.1	422.4	428.2	432.3	435.9	438.6	440.8
7.5°	392.7	394.9	396.3	398.5	400.8	403.9	410.7	416.5	421.9	425.1	428.7
10°	372.9	374.7	376.9	378.3	382.3	386.8	395.4	400.3	406.6	411.6	416.1
12.5°	354.0	360.3	361.6	361.2	364.8	369.7	378.3	385.9	392.7	397.6	402.6
15°	340.5	342.7	345.4	345.0	352.6	354.0	361.2	370.2	379.2	382.3	386.8
17.5°	325.7	329.3	331.9	333.3	335.5	340.5	347.2	354.0	365.7	366.1	377.8
20°	314.0	317.6	319.4	321.2	322.5	328.4	334.2	341.8	351.3	356.2	362.5
22.5°	306.3	308.1	309.5	310.8	312.6	315.8	323.0	331.5	337.8	343.2	347.2
25°	297.3	299.1	300.9	301.8	303.2	305.0	310.4	317.1	326.1	329.7	333.7
27.5°	291.0	291.0	291.9	291.9	293.7	295.5	299.6	305.9	313.1	317.6	323.0
30°	284.3	283.8	284.3	283.8	283.4	286.1	289.7	295.1	300.0	305.4	309.0
32.5°	277.5	277.1	277.1	277.5	275.7	277.1	278.9	283.8	289.2	291.9	296.0
35°	270.3	269.4	269.4	269.4	268.5	267.6	269.4	273.9	277.5	281.1	284.3
37.5°	263.1	261.8	261.8	260.9	260.0	258.6	258.6	262.2	267.2	268.5	272.6
40°	253.2	253.2	252.3	251.9	251.0	250.1	248.7	251.9	256.4	257.7	260.9
42.5°	243.3	242.0	241.5	241.5	241.5	240.2	239.3	241.5	244.2	246.5	248.3
45°	232.1	231.2	231.6	231.2	230.3	229.8	229.4	230.3	233.4	234.3	236.6
47.5°	220.0	219.5	219.5	219.1	218.6	219.1	217.3	219.5	220.4	221.3	223.1
50°	207.4	206.9	206.5	206.0	206.0	206.5	206.0	206.0	207.8	208.7	210.5
52.5°	194.8	193.4	193.4	193.0	193.0	192.1	193.0	193.4	194.3	195.2	196.1
55°	181.3	181.3	179.9	179.9	179.0	179.0	179.5	179.0	180.8	181.7	181.7
57.5°	168.2	166.4	166.9	166.0	165.1	164.6	164.6	165.5	166.4	166.4	167.3
60°	154.3	152.5	152.0	150.2	151.1	149.8	150.2	150.2	152.0	151.1	152.0
62.5°	140.3	138.1	136.7	135.8	135.8	136.3	135.4	134.9	135.8	136.7	138.5
65°	125.5	124.1	122.8	121.4	121.4	121.0	121.9	120.5	120.1	120.5	121.4
67.5°	110.2	108.9	107.5	106.2	106.6	105.3	104.4	105.7	104.8	105.3	106.2
70°	95.4	94.5	91.8	90.9	90.4	90.9	90.4	89.5	90.9	90.4	90.9
72.5°	80.5	79.6	78.3	76.0	76.0	75.6	75.1	75.1	74.7	74.7	74.7
75°	66.1	64.3	63.0	62.5	61.6	61.2	60.7	59.8	60.3	60.7	59.8
77.5°	51.3	49.0	48.6	48.6	47.2	47.2	47.7	47.2	46.8	46.8	46.8
80°	37.8	36.0	36.0	35.1	34.2	34.2	34.2	34.2	33.7	33.3	33.7
82.5°	24.3	23.8	23.4	23.4	24.3	22.5	23.4	22.9	22.5	22.5	22.0
85°	13.5	13.9	13.5	13.9	13.0	13.5	13.5	13.5	13.0	13.5	12.6
87.5°	4.9	4.9	4.9	5.4	5.4	5.4	5.4	5.4	5.8	5.4	5.4
90°	31.7	30.7	29.6	28.6	27.6	24.3	21.0	17.7	14.4	12.7	11.4
92.5°	51.4	50.7	49.9	49.2	48.4	46.8	45.3	43.7	42.2	41.4	40.6
95°	89.3	88.3	87.2	86.2	85.2	83.2	81.1	79.1	77.0	76.0	75.1
97.5°	129.5	128.2	126.9	125.6	124.3	122.8	121.2	119.7	118.2	117.4	116.8
100°	172.3	171.5	170.8	170.0	169.2	167.9	166.7	165.4	164.1	163.5	162.7
102.5°	223.0	222.2	221.5	220.7	219.9	218.1	216.3	214.5	212.7	211.8	211.4
105°	271.7	271.7	271.7	271.7	271.7	269.4	267.1	264.8	262.5	261.3	261.0
107.5°	327.7	327.0	326.2	325.5	324.7	323.7	322.7	321.6	320.6	320.1	320.0
110°	382.9	381.9	380.8	379.8	378.8	378.3	377.8	377.3	376.8	376.5	376.2

TEST NUMBER: P1011503

CATALOG NUMBER: S123DIP-B340D1195UB27-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
112.5°	438.0	436.7	435.4	434.2	432.9	432.9	432.9	432.9	432.9	432.9	432.8
115°	491.5	491.2	491.0	490.7	490.5	491.0	491.5	492.0	492.5	492.8	492.4
117.5°	546.9	546.9	546.9	546.9	546.9	547.4	547.9	548.4	548.9	549.2	549.1
120°	602.2	602.5	602.8	603.0	603.3	604.6	605.8	607.1	608.4	609.0	608.2
122.5°	657.8	658.5	659.3	660.0	660.8	661.3	661.8	662.3	662.8	663.1	662.6
125°	713.2	714.2	715.3	716.3	717.3	717.8	718.3	718.8	719.3	719.6	719.2
127.5°	767.6	769.1	770.6	772.2	773.7	774.2	774.7	775.2	775.7	776.0	775.2
130°	823.7	824.7	825.8	826.8	827.8	828.6	829.3	830.1	830.8	831.2	830.2
132.5°	876.7	878.0	879.3	880.6	881.9	882.4	882.9	883.4	883.9	884.2	883.2
135°	930.7	931.8	932.8	933.9	934.9	935.1	935.4	935.6	935.9	936.0	935.2
137.5°	982.7	984.0	985.3	986.5	987.8	987.0	986.3	985.5	984.8	984.4	983.8
140°	1036.3	1036.6	1036.8	1037.1	1037.3	1037.1	1036.8	1036.6	1036.3	1036.2	1035.6
142.5°	1084.6	1084.9	1085.2	1085.4	1085.7	1085.2	1084.7	1084.2	1083.7	1083.4	1082.8
145°	1131.8	1132.1	1132.4	1132.6	1132.9	1132.1	1131.3	1130.6	1129.8	1129.4	1129.1
147.5°	1177.8	1177.8	1177.8	1177.8	1177.8	1177.0	1176.2	1175.5	1174.7	1174.3	1173.8
150°	1219.2	1219.2	1219.2	1219.2	1219.2	1218.7	1218.2	1217.7	1217.2	1216.9	1216.6
152.5°	1258.1	1257.6	1257.1	1256.6	1256.1	1255.8	1255.6	1255.3	1255.0	1254.9	1254.5
155°	1295.9	1294.9	1293.8	1292.8	1291.8	1291.5	1291.3	1291.0	1290.7	1290.6	1290.6
157.5°	1328.1	1327.1	1326.0	1325.0	1324.0	1323.7	1323.5	1323.2	1322.9	1322.8	1322.9
160°	1357.9	1356.6	1355.3	1354.1	1352.8	1352.8	1352.8	1352.8	1352.8	1352.8	1353.1
162.5°	1385.6	1384.3	1383.0	1381.7	1380.4	1380.1	1379.9	1379.6	1379.3	1379.2	1379.6
165°	1408.4	1406.9	1405.4	1403.8	1402.3	1402.3	1402.3	1402.3	1402.3	1402.3	1402.7
167.5°	1428.0	1426.5	1424.9	1423.4	1421.8	1421.6	1421.3	1421.1	1420.8	1420.7	1421.2
170°	1444.0	1442.2	1440.4	1438.6	1436.8	1436.8	1436.8	1436.8	1436.8	1436.8	1437.3
172.5°	1455.6	1454.1	1452.6	1451.0	1449.5	1449.5	1449.5	1449.5	1449.5	1449.5	1450.0
175°	1463.6	1462.1	1460.6	1459.0	1457.5	1457.5	1457.5	1457.5	1457.5	1457.5	1458.0
177.5°	1468.3	1466.8	1465.2	1463.7	1462.1	1462.1	1462.1	1462.1	1462.1	1462.1	1462.6
180°	1465.6	1465.6	1465.6	1465.6	1465.6	1465.6	1465.6	1465.6	1465.6	1465.6	1465.6

TEST NUMBER: P1011503

CATALOG NUMBER: S123DIP-B340D1195UB27-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
0°	464.2	464.2	464.2	464.2
2.5°	454.3	455.6	460.1	465.5
5°	445.3	448.9	455.2	463.7
7.5°	435.4	440.8	449.8	460.6
10°	424.2	431.8	443.0	456.5
12.5°	412.0	421.9	436.3	450.2
15°	404.4	414.3	427.3	442.6
17.5°	389.5	401.2	414.7	436.3
20°	374.2	387.3	404.8	426.4
22.5°	362.5	376.5	393.1	416.1
25°	348.6	363.0	381.0	404.8
27.5°	333.7	348.1	368.4	393.6
30°	322.5	336.4	355.8	382.8
32.5°	309.0	322.5	342.7	371.1
35°	293.7	309.0	328.4	357.1
37.5°	282.0	296.0	316.2	343.6
40°	269.4	281.6	301.4	328.4
42.5°	255.9	269.4	286.5	313.5
45°	243.3	253.2	270.8	296.4
47.5°	229.8	241.1	254.6	274.4
50°	215.5	224.9	239.7	253.2
52.5°	201.5	209.2	221.7	232.1
55°	186.7	194.3	203.8	210.1
57.5°	172.7	178.1	184.4	188.5
60°	155.6	161.0	165.1	169.1
62.5°	140.3	144.4	146.6	148.9
65°	124.6	126.8	128.2	130.0
67.5°	107.5	109.8	110.2	112.9
70°	91.8	92.2	93.1	94.5
72.5°	76.9	77.8	77.4	78.3
75°	61.6	62.5	61.6	62.5
77.5°	46.8	47.7	47.7	49.0
80°	33.7	34.2	34.6	34.6
82.5°	22.0	23.4	22.5	22.9
85°	12.6	13.0	13.0	13.5
87.5°	5.8	6.3	5.8	6.7
90°	8.9	6.3	3.8	1.2
92.5°	39.1	37.6	36.0	34.5
95°	73.3	71.5	69.7	67.9
97.5°	115.5	114.2	113.0	111.7
100°	161.2	159.7	158.1	156.6
102.5°	210.7	209.9	209.2	208.4
105°	260.5	260.0	259.5	259.0
107.5°	319.7	319.4	319.2	318.9
110°	375.7	375.2	374.7	374.2

TEST NUMBER: P1011503

CATALOG NUMBER: S123DIP-B340D1195UB27-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
112.5°	432.5	432.2	432.0	431.7
115°	491.6	490.9	490.1	489.3
117.5°	548.8	548.5	548.3	548.0
120°	606.7	605.2	603.6	602.1
122.5°	661.6	660.5	659.5	658.5
125°	718.4	717.7	716.9	716.1
127.5°	773.7	772.2	770.6	769.1
130°	828.1	826.1	824.0	822.0
132.5°	881.1	879.1	877.0	875.0
135°	933.7	932.2	930.6	929.1
137.5°	982.5	981.2	979.9	978.6
140°	1034.3	1033.0	1031.7	1030.4
142.5°	1081.5	1080.2	1078.9	1077.6
145°	1128.6	1128.1	1127.6	1127.1
147.5°	1172.8	1171.7	1170.7	1169.7
150°	1216.1	1215.6	1215.1	1214.6
152.5°	1253.8	1253.0	1252.3	1251.5
155°	1290.6	1290.6	1290.6	1290.6
157.5°	1323.2	1323.5	1323.7	1324.0
160°	1353.6	1354.1	1354.6	1355.1
162.5°	1380.4	1381.1	1381.9	1382.7
165°	1403.4	1404.2	1404.9	1405.7
167.5°	1422.2	1423.3	1424.3	1425.3
170°	1438.3	1439.4	1440.4	1441.4
172.5°	1451.0	1452.1	1453.1	1454.1
175°	1459.0	1460.1	1461.1	1462.1
177.5°	1463.6	1464.7	1465.7	1466.7
180°	1465.6	1465.6	1465.6	1465.6

(END OF REPORT)