

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: P1011520

Luminaire Tested: S123DIP-B340D1195UB35-4F0-XX-W2A-A

Issue Date: 5/7/2025

Test Information

Test Method: LM-79-2019
Report Number: P1011520
REPORT IS A COMBINATION OF REPORTS P989712 AND P1007351
Test Lab: INNOVATION CENTER
Issue Date: 5/7/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: NEO-RAY
Catalog Number: S123DIP-B340D1195UB35-4F0-XX-W2A-A
Description: Define 3 Direct/Indirect Pendant with 3500K BioUP LEDs {m-DER=0.721} {m-EER=0.792}
Light Source: -
Ballast/Driver: -

Summary

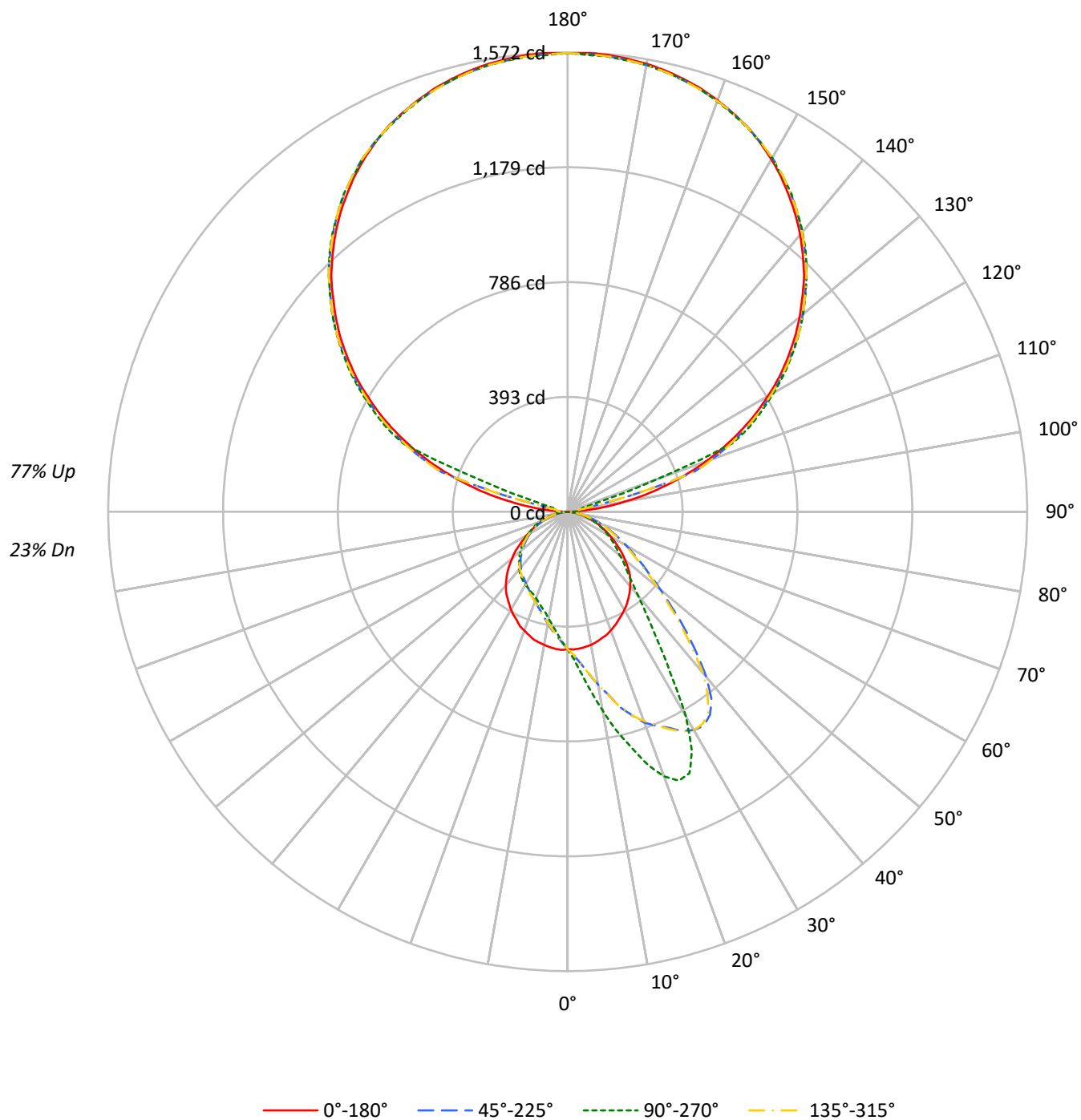
Lumens per Lamp: N/A
Luminaire Lumens: 6207.0 lumens
Efficiency: N/A
Efficacy: 129.3 lumens/watt
Spacing Criteria (0/90/45): 1.23 / 1.37 / 1.5
Luminous Opening: Rectangular w/ Sides (W: 0.25' x L: 4' x H: 0.1')
CIE Type: Semi-Indirect

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

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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					0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10
RCR																				
0	101	101	101	101	89	89	89	89	68	68	68	49	49	49	31	31	31	31	31	23
1	92	88	84	81	81	78	75	72	60	58	56	43	42	41	28	27	27	27	27	20
2	84	77	71	66	74	68	63	59	53	49	47	38	36	34	25	23	23	23	23	17
3	76	67	61	55	68	60	54	50	46	42	39	34	31	29	22	20	19	19	19	14
4	70	60	52	46	62	53	47	42	41	37	33	30	27	25	20	18	17	17	17	12
5	64	53	45	40	57	47	41	36	37	32	29	27	24	21	18	16	14	14	14	11
6	59	47	40	34	52	42	36	31	33	28	25	24	21	19	16	14	13	13	13	9
7	54	43	35	30	48	38	32	27	30	25	22	22	19	16	15	13	11	11	11	8
8	50	38	31	26	44	35	28	24	27	22	19	20	17	15	13	11	10	10	10	7
9	47	35	28	23	41	31	25	21	25	20	17	18	15	13	12	10	9	9	9	7
10	43	32	25	20	38	29	23	19	23	18	15	17	14	12	11	10	8	8	8	6

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	5061	5061	5061	5061
5°	5064	5831	5079	4352
10°	5032	7056	5037	3800
15°	4962	8368	5002	3421
20°	4903	9634	4913	3148
25°	4813	9878	4824	3005
30°	4750	8161	4750	2912
35°	4671	5458	4641	2829
40°	4577	3940	4521	2703
45°	4458	3121	4331	2547
50°	4171	2650	4023	2392
55°	3856	2329	3698	2220
60°	3535	2028	3347	2040
65°	3184	1736	3029	1799
70°	2818	1441	2630	1516
75°	2408	1086	2252	1171
80°	1906	726	1754	768
85°	1316	332	1047	304

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 35°

Vertical Angle: 45°

Luminance: 8162 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	46.2	0.7
10°-20°	148.5	2.4
20°-30°	249.9	4.0
30°-40°	282.4	4.5
40°-50°	252.9	4.1
50°-60°	204.2	3.3
60°-70°	142.3	2.3
70°-80°	74.7	1.2
80°-90°	21.0	0.3
90°-100°	55.3	0.9
100°-110°	267.6	4.3
110°-120°	655.8	10.6
120°-130°	832.5	13.4
130°-140°	889.3	14.3
140°-150°	831.6	13.4
150°-160°	670.8	10.8
160°-170°	432.9	7.0
170°-180°	149.2	2.4
0°-30°	444.6	7.2
0°-40°	727.0	11.7
0°-60°	1184.1	19.1
0°-90°	1422.1	22.9
90°-120°	978.7	15.8
90°-150°	3532.1	56.9
90°-180°	4785.0	77.1
0°-180°	6207.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	470	470	470	470	470	
5°	470	558	471	417	470	45
15°	448	831	452	340	448	127
25°	410	987	411	300	410	189
35°	362	532	359	276	362	226
45°	300	287	292	234	300	230
55°	213	195	204	186	213	191
65°	132	127	125	131	132	131
75°	63	65	59	70	63	68
85°	14	15	11	14	14	16
90°	1	35	1	35	1	5
95°	71	44	71	44	71	85
105°	348	51	348	51	348	368
115°	652	686	652	686	652	644
125°	919	938	919	938	919	821
135°	1144	1156	1144	1156	1144	881
145°	1320	1333	1320	1333	1320	826
155°	1454	1452	1454	1452	1454	670
165°	1533	1530	1533	1530	1533	433
175°	1570	1564	1570	1564	1570	149
180°	1570	1570	1570	1570	1570	

TEST NUMBER: P1011520

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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	470.2	470.2	470.2	470.2	470.2	470.2	470.2	470.2	470.2	470.2	470.2
2.5°	471.5	475.2	477.0	479.7	482.5	486.6	487.9	490.2	489.3	491.1	492.0
5°	469.7	476.1	481.5	488.4	494.8	499.3	503.9	511.2	516.6	517.5	521.6
7.5°	466.5	475.6	485.2	494.8	507.1	514.3	522.5	532.6	540.8	554.0	559.0
10°	462.4	475.2	488.8	502.0	518.9	530.3	540.3	557.2	574.0	587.7	600.4
12.5°	456.0	472.0	489.7	509.3	531.2	544.4	558.1	580.4	605.9	626.9	640.5
15°	448.3	468.3	491.1	512.1	536.2	560.8	575.4	600.4	636.9	656.5	691.6
17.5°	441.9	462.4	485.2	518.0	550.8	575.4	585.9	631.9	656.9	689.7	729.4
20°	431.9	457.9	487.0	519.8	562.2	577.2	598.6	645.1	676.1	718.9	767.6
22.5°	421.4	449.2	484.3	518.4	565.8	581.8	610.9	647.8	697.0	739.4	793.2
25°	410.0	440.1	475.6	516.2	562.6	585.9	613.2	658.8	712.1	765.4	815.0
27.5°	398.6	431.4	468.3	508.9	554.0	581.3	608.6	656.0	724.4	782.2	845.5
30°	387.7	420.5	457.4	498.9	546.2	572.7	598.6	657.9	733.9	799.1	862.9
32.5°	375.8	409.6	448.3	482.9	530.7	559.0	588.1	657.9	739.9	809.1	867.4
35°	361.7	396.4	429.6	464.2	511.6	543.0	575.8	653.3	745.3	812.3	848.3
37.5°	348.1	378.6	407.3	441.0	490.7	524.4	562.2	647.8	742.6	798.6	808.6
40°	332.6	363.1	386.3	417.8	470.2	509.3	547.6	640.5	730.7	766.3	737.1
42.5°	317.5	341.7	361.7	392.3	449.2	487.5	528.9	627.3	707.5	714.8	649.2
45°	300.2	317.5	335.3	369.9	426.4	465.6	511.6	608.2	670.2	649.2	566.3
47.5°	277.9	293.4	313.0	344.9	402.3	442.8	486.6	583.6	615.9	572.2	481.5
50°	256.5	269.7	287.9	318.9	376.8	416.4	462.9	544.9	560.8	492.0	415.0
52.5°	235.1	245.1	262.9	293.8	351.7	390.0	432.3	505.2	496.1	422.3	354.0
55°	212.8	221.4	238.3	268.8	322.5	359.0	399.5	456.5	432.8	362.6	308.0
57.5°	190.9	200.0	217.3	242.8	293.4	328.9	361.3	405.9	370.4	314.3	266.1
60°	171.3	179.0	192.3	217.3	263.3	292.0	321.6	352.2	322.5	268.3	231.4
62.5°	150.8	158.1	170.4	193.2	232.8	258.3	282.0	307.1	274.3	234.6	201.8
65°	131.7	137.6	149.0	169.9	202.3	223.2	242.4	259.7	233.3	196.8	172.2
67.5°	114.3	119.4	128.9	147.6	174.9	190.0	205.5	220.0	197.7	168.6	147.6
70°	95.7	99.8	108.4	122.1	144.0	159.5	170.8	181.8	161.7	138.5	124.4
72.5°	79.3	83.4	88.8	103.0	118.0	127.6	139.9	145.8	134.4	115.3	101.1
75°	63.3	66.5	71.5	80.6	94.8	101.1	108.9	113.4	103.0	90.2	81.5
77.5°	49.7	51.0	54.7	61.0	70.6	77.9	83.8	86.6	79.3	71.1	63.8
80°	35.1	36.9	39.6	45.1	52.4	54.7	58.3	61.5	56.9	49.7	45.1
82.5°	23.2	25.5	26.9	29.2	33.7	36.4	37.4	40.1	36.0	33.3	31.4
85°	13.7	14.6	15.0	16.4	18.7	20.0	21.4	21.9	21.0	20.5	18.7
87.5°	6.8	6.8	6.8	7.7	8.2	9.1	9.6	9.6	9.6	9.1	8.7
90°	1.2	3.8	6.4	8.9	11.5	12.8	14.5	17.9	21.2	24.6	28.0
92.5°	26.8	25.2	23.7	22.1	20.6	19.8	21.0	23.3	25.6	28.0	30.3
95°	71.1	60.5	49.9	39.2	28.6	23.3	24.7	27.6	30.4	33.3	36.1
97.5°	129.4	122.2	114.9	107.7	100.4	96.8	90.2	77.0	63.7	50.5	37.3
100°	197.1	202.3	207.5	212.6	217.8	220.4	200.2	159.8	119.3	78.9	38.5
102.5°	274.0	277.4	280.8	284.1	287.5	289.2	266.7	221.6	176.5	131.4	86.3
105°	347.5	350.3	353.2	356.0	358.9	360.3	348.6	325.3	302.0	278.7	255.4
107.5°	425.6	427.9	430.3	432.6	434.9	436.1	438.0	441.9	445.8	449.7	453.6
110°	503.7	505.8	507.9	510.0	512.1	513.1	514.5	517.4	520.2	523.1	525.9

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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	578.4	580.2	582.0	583.8	585.6	586.5	587.9	590.8	593.7	596.5	599.4
115°	651.8	653.4	654.9	656.5	658.0	658.8	660.0	662.3	664.6	667.0	669.3
117.5°	724.1	725.9	727.7	729.6	731.4	732.3	732.9	734.2	735.5	736.8	738.1
120°	790.6	792.9	795.3	797.6	799.9	801.1	801.5	802.3	803.0	803.8	804.6
122.5°	858.2	860.0	861.8	863.7	865.5	866.4	866.9	868.0	869.0	870.1	871.1
125°	918.9	921.0	923.0	925.1	927.2	928.2	928.7	929.8	930.8	931.9	932.9
127.5°	979.5	981.6	983.6	985.7	987.8	988.8	989.5	990.8	992.1	993.4	994.7
130°	1035.5	1037.6	1039.6	1041.7	1043.8	1044.8	1045.3	1046.4	1047.4	1048.5	1049.5
132.5°	1089.1	1091.2	1093.2	1095.3	1097.4	1098.4	1098.8	1099.6	1100.3	1101.1	1101.9
135°	1143.9	1145.5	1147.0	1148.6	1150.1	1150.9	1151.4	1152.5	1153.5	1154.6	1155.6
137.5°	1190.6	1192.7	1194.7	1196.8	1198.9	1199.9	1200.2	1200.7	1201.2	1201.7	1202.2
140°	1237.2	1238.8	1240.3	1241.9	1243.4	1244.2	1244.6	1245.4	1246.1	1246.9	1247.7
142.5°	1280.4	1281.9	1283.5	1285.0	1286.5	1287.3	1287.7	1288.5	1289.2	1290.0	1290.8
145°	1320.0	1321.8	1323.6	1325.5	1327.3	1328.2	1328.5	1329.0	1329.5	1330.0	1330.5
147.5°	1358.5	1359.8	1361.1	1362.4	1363.7	1364.3	1364.6	1365.1	1365.6	1366.1	1366.6
150°	1393.5	1394.3	1395.1	1395.8	1396.6	1397.0	1397.3	1397.8	1398.3	1398.8	1399.3
152.5°	1424.9	1425.2	1425.4	1425.7	1426.0	1426.1	1426.2	1426.5	1426.8	1427.0	1427.3
155°	1454.1	1453.6	1453.1	1452.6	1452.1	1451.8	1451.9	1452.2	1452.4	1452.7	1452.9
157.5°	1477.4	1477.4	1477.4	1477.4	1477.4	1477.4	1477.3	1477.0	1476.8	1476.5	1476.3
160°	1498.4	1498.1	1497.9	1497.6	1497.3	1497.2	1497.1	1496.8	1496.6	1496.3	1496.1
162.5°	1518.2	1517.4	1516.6	1515.9	1515.1	1514.7	1514.6	1514.3	1514.1	1513.8	1513.6
165°	1533.4	1532.6	1531.8	1531.1	1530.3	1529.9	1529.8	1529.5	1529.2	1529.0	1528.7
167.5°	1546.2	1545.2	1544.2	1543.1	1542.1	1541.6	1541.6	1541.6	1541.6	1541.6	1541.6
170°	1556.7	1555.7	1554.6	1553.6	1552.5	1552.0	1552.0	1552.0	1552.0	1552.0	1552.0
172.5°	1563.7	1562.4	1561.1	1559.8	1558.5	1557.9	1558.0	1558.3	1558.5	1558.8	1559.0
175°	1569.5	1568.2	1566.9	1565.6	1564.3	1563.7	1563.8	1564.1	1564.4	1564.6	1564.9
177.5°	1571.9	1570.6	1569.3	1568.0	1566.7	1566.0	1566.1	1566.4	1566.7	1566.9	1567.2
180°	1569.5	1569.5	1569.5	1569.5	1569.5	1569.5	1569.5	1569.5	1569.5	1569.5	1569.5

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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	470.2	470.2	470.2	470.2	470.2	470.2	470.2	470.2	470.2	470.2	470.2
2.5°	495.2	496.1	499.3	501.6	506.1	505.7	505.7	505.2	503.9	506.1	507.5
5°	529.8	537.6	538.5	548.5	549.0	553.1	555.8	553.5	559.0	558.5	554.4
7.5°	572.7	583.1	588.1	597.7	608.6	605.9	616.4	618.2	617.3	621.9	625.0
10°	619.6	637.8	650.6	668.3	672.9	675.6	682.5	688.4	700.2	691.1	697.0
12.5°	673.3	686.6	703.4	731.7	745.8	754.9	758.1	762.2	770.4	765.4	765.8
15°	718.4	736.2	764.9	800.0	804.1	815.5	812.7	837.3	849.2	831.4	841.4
17.5°	765.4	789.1	823.2	853.7	871.1	878.8	886.1	909.8	908.9	906.1	908.4
20°	795.4	834.2	876.5	917.1	922.1	928.0	947.6	957.6	955.8	963.5	968.6
22.5°	837.8	878.8	923.9	950.8	962.2	969.0	984.5	990.9	993.6	995.4	992.2
25°	873.3	917.1	950.3	974.0	980.9	984.5	989.5	991.3	990.0	986.8	989.5
27.5°	897.5	932.6	955.3	966.3	962.6	956.7	947.1	940.8	926.6	919.8	928.0
30°	907.5	923.0	929.8	911.6	893.4	878.8	860.6	826.9	800.4	808.2	797.7
32.5°	891.6	881.5	848.7	801.8	787.7	764.0	712.5	672.9	674.3	653.3	662.0
35°	844.6	799.1	737.1	666.1	647.4	634.6	578.1	569.5	551.2	531.7	537.1
37.5°	761.7	695.2	620.0	567.6	539.9	512.1	480.2	461.0	450.1	441.9	448.3
40°	660.6	579.5	517.5	470.6	446.9	429.2	407.3	388.2	375.8	374.5	376.8
42.5°	561.3	492.9	436.0	391.3	383.6	362.6	348.5	333.5	329.8	323.9	327.1
45°	475.2	419.6	372.7	336.2	327.1	321.6	304.3	294.8	290.7	287.0	292.5
47.5°	412.8	354.4	320.3	298.4	289.3	280.2	270.6	264.2	261.0	261.5	261.0
50°	352.6	309.8	279.7	262.9	257.4	251.0	243.3	239.2	237.8	233.7	236.9
52.5°	303.4	272.4	251.5	235.5	231.4	226.9	220.5	218.2	215.0	214.1	214.1
55°	263.8	239.6	222.8	212.3	207.3	203.6	200.0	197.3	195.0	195.0	195.0
57.5°	232.8	211.8	199.5	190.4	188.6	185.0	180.9	180.9	177.7	177.2	178.6
60°	206.4	187.7	178.1	170.4	167.7	166.7	162.6	162.6	161.7	159.5	161.3
62.5°	179.5	165.8	157.6	151.7	149.0	149.0	145.8	143.5	143.5	144.0	143.1
65°	154.9	144.9	137.6	133.0	131.7	129.8	129.4	127.6	126.2	126.6	126.2
67.5°	133.0	125.3	120.3	116.6	114.3	113.4	112.1	112.1	111.2	111.6	109.3
70°	113.4	105.7	101.6	97.9	97.0	97.0	95.2	95.7	94.8	96.1	95.2
72.5°	93.4	87.5	84.3	82.9	82.0	81.5	80.6	79.7	79.3	80.2	79.7
75°	75.6	70.6	68.3	67.4	66.5	66.5	66.1	65.6	65.1	65.1	65.1
77.5°	58.8	55.6	52.8	53.8	52.4	52.8	51.5	51.5	51.9	51.5	51.5
80°	43.3	41.0	41.0	40.1	38.3	39.2	39.2	37.8	37.4	38.3	36.9
82.5°	28.7	28.2	27.3	26.9	26.0	26.4	26.0	25.5	25.1	26.0	25.1
85°	16.9	16.9	16.4	15.5	16.4	15.9	15.5	15.5	15.0	15.0	15.0
87.5°	8.7	7.7	7.7	7.3	7.7	6.8	7.3	6.8	6.4	6.8	6.4
90°	29.0	30.1	31.1	32.2	32.7	33.0	33.5	34.0	34.5	35.0	34.5
92.5°	32.1	33.9	35.8	37.6	38.5	38.6	38.9	39.1	39.4	39.6	39.4
95°	37.9	39.7	41.6	43.4	44.3	44.3	44.3	44.3	44.3	44.3	44.3
97.5°	39.4	41.4	43.5	45.6	46.6	46.7	47.0	47.3	47.5	47.8	47.5
100°	40.6	42.6	44.7	46.8	47.8	47.9	48.2	48.5	48.7	49.0	48.7
102.5°	77.7	69.2	60.6	52.1	47.8	48.1	48.6	49.1	49.6	50.1	49.6
105°	209.5	163.7	117.8	71.9	49.0	49.3	49.8	50.3	50.8	51.3	50.8
107.5°	413.7	373.8	333.9	294.0	274.0	257.0	223.1	189.2	155.2	121.3	155.2
110°	517.3	508.8	500.2	491.7	487.4	468.9	431.8	394.8	357.7	320.7	357.7

TEST NUMBER: P1011520

CATALOG NUMBER: S123DIP-B340D1195UB35-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	601.7	604.1	606.4	608.7	609.9	609.6	609.1	608.6	608.0	607.5	608.0
115°	671.9	674.5	677.1	679.7	681.0	681.5	682.6	683.6	684.7	685.7	684.7
117.5°	740.2	742.3	744.4	746.5	747.5	747.6	747.9	748.1	748.4	748.6	748.4
120°	806.7	808.7	810.8	812.9	813.9	813.9	813.9	813.9	813.9	813.9	813.9
122.5°	872.4	873.7	875.0	876.3	876.9	877.0	877.3	877.6	877.8	878.1	877.8
125°	933.4	933.9	934.4	934.9	935.2	935.5	936.0	936.5	937.0	937.5	937.0
127.5°	995.5	996.3	997.0	997.8	998.2	997.9	997.4	996.9	996.3	995.8	996.3
130°	1050.5	1051.5	1052.6	1053.6	1054.1	1053.8	1053.3	1052.8	1052.3	1051.8	1052.3
132.5°	1102.9	1104.0	1105.0	1106.1	1106.6	1106.2	1105.4	1104.7	1103.9	1103.1	1103.9
135°	1156.4	1157.2	1157.9	1158.7	1159.1	1158.7	1157.9	1157.2	1156.4	1155.6	1156.4
137.5°	1203.5	1204.8	1206.1	1207.4	1208.1	1207.8	1207.3	1206.8	1206.2	1205.7	1206.2
140°	1248.7	1249.8	1250.8	1251.9	1252.4	1252.1	1251.6	1251.1	1250.5	1250.0	1250.5
142.5°	1291.6	1292.4	1293.1	1293.9	1294.3	1293.9	1293.1	1292.4	1291.6	1290.8	1291.6
145°	1331.0	1331.5	1332.0	1332.5	1332.8	1332.8	1332.8	1332.8	1332.8	1332.8	1332.8
147.5°	1367.1	1367.7	1368.2	1368.7	1369.0	1368.3	1367.0	1365.7	1364.4	1363.1	1364.4
150°	1399.8	1400.3	1400.8	1401.3	1401.6	1401.2	1400.4	1399.7	1398.9	1398.1	1398.9
152.5°	1428.3	1429.3	1430.4	1431.4	1431.9	1431.3	1430.0	1428.7	1427.4	1426.1	1427.4
155°	1454.2	1455.5	1456.8	1458.1	1458.8	1458.0	1456.5	1454.9	1453.4	1451.8	1453.4
157.5°	1477.8	1479.4	1480.9	1482.4	1483.2	1482.2	1480.1	1478.0	1476.0	1473.9	1476.0
160°	1497.7	1499.2	1500.8	1502.3	1503.1	1502.2	1500.4	1498.5	1496.7	1494.9	1496.7
162.5°	1515.4	1517.2	1519.0	1520.8	1521.7	1520.9	1519.4	1517.8	1516.3	1514.7	1516.3
165°	1530.8	1532.9	1535.0	1537.1	1538.1	1537.2	1535.4	1533.5	1531.7	1529.9	1531.7
167.5°	1543.7	1545.7	1547.8	1549.9	1550.9	1549.9	1547.8	1545.7	1543.7	1541.6	1543.7
170°	1554.1	1556.2	1558.3	1560.4	1561.4	1560.4	1558.3	1556.2	1554.1	1552.0	1554.1
172.5°	1561.1	1563.2	1565.3	1567.4	1568.4	1567.2	1564.9	1562.6	1560.2	1557.9	1560.2
175°	1566.7	1568.5	1570.3	1572.1	1573.0	1572.0	1569.9	1567.8	1565.8	1563.7	1565.8
177.5°	1569.3	1571.3	1573.4	1575.5	1576.5	1575.2	1572.6	1570.1	1567.5	1564.9	1567.5
180°	1569.5	1569.5	1569.5	1569.5	1569.5	1569.5	1569.5	1569.5	1569.5	1569.5	1569.5

TEST NUMBER: P1011520

CATALOG NUMBER: S123DIP-B340D1195UB35-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	470.2	470.2	470.2	470.2	470.2	470.2	470.2	470.2	470.2	470.2	470.2
2.5°	503.9	505.2	501.6	500.7	500.7	502.5	501.1	488.8	491.1	488.4	487.5
5°	559.4	556.7	553.1	551.2	549.0	542.6	542.1	528.0	525.3	516.2	512.1
7.5°	620.5	618.2	607.3	605.9	605.0	599.1	584.0	569.0	558.1	547.6	537.6
10°	690.2	683.4	678.4	668.3	663.3	655.1	635.5	621.4	602.7	586.8	565.8
12.5°	774.0	766.3	749.4	742.1	735.8	713.0	693.4	677.4	641.0	630.1	604.1
15°	835.5	819.1	817.3	801.4	800.4	775.4	738.0	720.7	692.5	652.4	625.5
17.5°	902.0	887.5	876.1	856.9	854.2	830.5	803.2	760.8	729.8	691.6	657.4
20°	950.8	943.0	923.5	915.7	899.8	879.7	851.5	799.1	761.3	723.0	681.1
22.5°	989.5	981.8	966.3	955.8	946.7	920.7	887.0	842.4	790.4	740.3	697.0
25°	989.1	986.8	980.4	975.4	968.6	949.4	921.2	878.3	820.5	765.4	705.2
27.5°	933.0	939.4	950.3	955.8	954.4	951.7	935.8	899.8	847.8	782.2	714.8
30°	816.4	839.6	860.1	887.5	895.7	915.7	924.8	904.3	862.9	801.8	727.1
32.5°	677.0	710.7	755.3	770.4	796.3	835.1	878.3	886.1	860.1	813.2	734.8
35°	555.3	583.1	617.8	641.5	664.7	727.6	782.2	829.6	838.3	807.3	733.0
37.5°	459.7	479.3	509.8	529.8	551.2	605.0	681.5	743.0	786.3	787.2	728.0
40°	390.4	399.1	425.5	440.1	460.6	507.1	575.4	655.6	718.9	748.1	714.8
42.5°	330.7	342.1	364.0	374.9	388.2	428.7	473.8	549.9	628.2	690.7	690.2
45°	295.2	303.4	313.4	322.5	337.6	361.7	413.2	470.2	545.3	615.9	643.7
47.5°	263.8	271.5	281.5	284.3	294.3	317.1	348.5	398.2	468.3	538.5	590.9
50°	237.4	243.7	250.6	255.6	260.1	278.8	302.5	344.4	400.5	468.3	533.5
52.5°	216.9	221.4	227.3	230.1	234.2	247.8	266.1	297.0	343.0	405.0	468.3
55°	197.7	200.9	204.6	209.1	210.9	221.0	235.1	261.5	295.7	351.2	411.4
57.5°	180.0	181.3	183.6	186.3	188.6	197.3	209.6	227.3	257.4	300.2	357.2
60°	159.9	163.6	164.9	167.7	169.0	175.9	185.4	200.5	223.7	260.6	303.4
62.5°	143.1	145.3	147.6	149.0	152.2	154.4	162.2	175.9	195.0	222.3	261.0
65°	128.0	128.9	130.3	131.7	132.6	135.3	142.6	151.7	166.3	190.4	220.5
67.5°	110.7	111.6	113.4	113.9	114.8	118.4	122.5	130.3	142.6	160.8	185.4
70°	93.8	95.2	96.1	97.0	98.4	99.8	104.3	110.7	120.3	133.0	152.2
72.5°	79.3	80.6	80.6	81.5	81.1	82.9	87.5	92.0	98.4	108.9	125.7
75°	64.7	64.7	65.6	66.1	66.5	68.3	70.2	73.8	78.8	87.0	97.5
77.5°	51.0	50.6	51.5	51.5	51.5	52.8	54.7	56.5	59.7	65.6	73.8
80°	37.4	37.4	38.3	38.7	37.8	38.3	39.2	41.0	43.3	47.4	51.9
82.5°	24.6	26.4	26.0	26.4	26.0	26.9	27.3	27.8	28.7	30.5	33.7
85°	15.0	15.0	15.0	15.5	15.0	15.5	15.5	15.5	15.9	16.9	18.2
87.5°	6.4	6.4	6.4	6.8	6.4	6.4	6.8	6.4	6.8	6.8	7.3
90°	34.0	33.5	33.0	32.7	32.2	31.1	30.1	29.0	28.0	24.6	21.2
92.5°	39.1	38.9	38.6	38.5	37.6	35.8	33.9	32.1	30.3	28.0	25.6
95°	44.3	44.3	44.3	44.3	43.4	41.6	39.7	37.9	36.1	33.3	30.4
97.5°	47.3	47.0	46.7	46.6	45.6	43.5	41.4	39.4	37.3	50.5	63.7
100°	48.5	48.2	47.9	47.8	46.8	44.7	42.6	40.6	38.5	78.9	119.3
102.5°	49.1	48.6	48.1	47.8	52.1	60.6	69.2	77.7	86.3	131.4	176.5
105°	50.3	49.8	49.3	49.0	71.9	117.8	163.7	209.5	255.4	278.7	302.0
107.5°	189.2	223.1	257.0	274.0	294.0	333.9	373.8	413.7	453.6	449.7	445.8
110°	394.8	431.8	468.9	487.4	491.7	500.2	508.8	517.3	525.9	523.1	520.2

TEST NUMBER: P1011520

CATALOG NUMBER: S123DIP-B340D1195UB35-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	608.6	609.1	609.6	609.9	608.7	606.4	604.1	601.7	599.4	596.5	593.7
115°	683.6	682.6	681.5	681.0	679.7	677.1	674.5	671.9	669.3	667.0	664.6
117.5°	748.1	747.9	747.6	747.5	746.5	744.4	742.3	740.2	738.1	736.8	735.5
120°	813.9	813.9	813.9	813.9	812.9	810.8	808.7	806.7	804.6	803.8	803.0
122.5°	877.6	877.3	877.0	876.9	876.3	875.0	873.7	872.4	871.1	870.1	869.0
125°	936.5	936.0	935.5	935.2	934.9	934.4	933.9	933.4	932.9	931.9	930.8
127.5°	996.9	997.4	997.9	998.2	997.8	997.0	996.3	995.5	994.7	993.4	992.1
130°	1052.8	1053.3	1053.8	1054.1	1053.6	1052.6	1051.5	1050.5	1049.5	1048.5	1047.4
132.5°	1104.7	1105.4	1106.2	1106.6	1106.1	1105.0	1104.0	1102.9	1101.9	1101.1	1100.3
135°	1157.2	1157.9	1158.7	1159.1	1158.7	1157.9	1157.2	1156.4	1155.6	1154.6	1153.5
137.5°	1206.8	1207.3	1207.8	1208.1	1207.4	1206.1	1204.8	1203.5	1202.2	1201.7	1201.2
140°	1251.1	1251.6	1252.1	1252.4	1251.9	1250.8	1249.8	1248.7	1247.7	1246.9	1246.1
142.5°	1292.4	1293.1	1293.9	1294.3	1293.9	1293.1	1292.4	1291.6	1290.8	1290.0	1289.2
145°	1332.8	1332.8	1332.8	1332.8	1332.5	1332.0	1331.5	1331.0	1330.5	1330.0	1329.5
147.5°	1365.7	1367.0	1368.3	1369.0	1368.7	1368.2	1367.7	1367.1	1366.6	1366.1	1365.6
150°	1399.7	1400.4	1401.2	1401.6	1401.3	1400.8	1400.3	1399.8	1399.3	1398.8	1398.3
152.5°	1428.7	1430.0	1431.3	1431.9	1431.4	1430.4	1429.3	1428.3	1427.3	1427.0	1426.8
155°	1454.9	1456.5	1458.0	1458.8	1458.1	1456.8	1455.5	1454.2	1452.9	1452.7	1452.4
157.5°	1478.0	1480.1	1482.2	1483.2	1482.4	1480.9	1479.4	1477.8	1476.3	1476.5	1476.8
160°	1498.5	1500.4	1502.2	1503.1	1502.3	1500.8	1499.2	1497.7	1496.1	1496.3	1496.6
162.5°	1517.8	1519.4	1520.9	1521.7	1520.8	1519.0	1517.2	1515.4	1513.6	1513.8	1514.1
165°	1533.5	1535.4	1537.2	1538.1	1537.1	1535.0	1532.9	1530.8	1528.7	1529.0	1529.2
167.5°	1545.7	1547.8	1549.9	1550.9	1549.9	1547.8	1545.7	1543.7	1541.6	1541.6	1541.6
170°	1556.2	1558.3	1560.4	1561.4	1560.4	1558.3	1556.2	1554.1	1552.0	1552.0	1552.0
172.5°	1562.6	1564.9	1567.2	1568.4	1567.4	1565.3	1563.2	1561.1	1559.0	1558.8	1558.5
175°	1567.8	1569.9	1572.0	1573.0	1572.1	1570.3	1568.5	1566.7	1564.9	1564.6	1564.4
177.5°	1570.1	1572.6	1575.2	1576.5	1575.5	1573.4	1571.3	1569.3	1567.2	1566.9	1566.7
180°	1569.5	1569.5	1569.5	1569.5	1569.5	1569.5	1569.5	1569.5	1569.5	1569.5	1569.5

TEST NUMBER: P1011520

CATALOG NUMBER: S123DIP-B340D1195UB35-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
0°	470.2	470.2	470.2	470.2	470.2	470.2	470.2	470.2	470.2	470.2	470.2
2.5°	482.9	481.5	481.5	480.6	477.9	472.9	472.4	473.3	470.6	467.9	463.8
5°	506.6	497.9	495.2	492.5	487.0	477.9	474.3	471.1	466.1	460.1	453.8
7.5°	526.6	514.3	510.7	505.7	494.8	482.0	473.8	467.0	460.1	451.9	444.2
10°	551.7	533.9	525.3	518.0	503.0	485.2	472.9	462.9	451.9	441.9	431.9
12.5°	579.9	551.2	548.5	530.7	513.4	487.0	472.0	457.4	442.8	430.5	420.0
15°	603.6	572.2	560.8	549.0	515.7	482.9	468.3	451.9	435.1	421.9	406.4
17.5°	618.7	592.7	568.6	552.6	518.0	488.8	460.6	441.9	424.1	405.9	393.2
20°	636.9	599.1	578.1	556.7	522.5	484.3	456.0	432.8	410.9	394.5	379.0
22.5°	655.1	604.1	586.8	563.5	523.5	479.7	447.8	424.6	399.5	383.1	366.3
25°	653.3	611.4	582.7	563.1	514.3	475.6	438.3	410.9	387.7	366.7	349.9
27.5°	654.7	603.2	574.0	551.2	508.0	469.7	428.2	399.5	375.4	353.5	335.8
30°	655.1	590.9	565.4	538.0	496.1	455.6	416.9	387.7	362.2	338.5	322.5
32.5°	653.8	580.9	549.0	524.4	477.4	441.9	403.6	372.7	346.7	324.8	309.8
35°	650.6	569.0	532.1	501.1	458.3	422.3	391.3	359.4	331.7	311.6	294.3
37.5°	641.9	556.3	514.3	483.8	436.0	399.5	372.2	345.8	318.9	295.2	280.6
40°	635.5	538.9	496.6	463.3	411.8	376.3	353.5	328.5	302.0	280.6	266.5
42.5°	620.9	522.5	478.4	438.7	388.2	351.7	330.3	310.2	287.5	266.5	253.8
45°	597.3	504.8	456.0	415.9	362.2	327.6	308.0	291.6	271.5	251.5	238.7
47.5°	564.0	479.3	432.3	392.3	336.7	301.6	282.0	269.7	253.8	236.9	226.0
50°	528.0	451.5	408.2	368.6	312.1	277.9	258.8	247.4	236.9	221.4	210.9
52.5°	481.1	421.9	380.4	342.6	285.6	252.8	236.0	227.8	216.9	205.9	196.8
55°	435.5	383.6	349.4	313.4	259.7	229.2	212.8	204.1	197.7	188.6	181.3
57.5°	382.7	348.1	316.6	283.8	235.5	207.7	192.3	181.8	177.7	173.6	166.7
60°	333.9	307.5	282.0	254.7	210.5	185.4	170.4	162.2	158.1	155.4	150.8
62.5°	289.3	268.8	246.9	225.1	185.0	162.2	150.8	142.6	139.0	138.5	134.4
65°	246.5	231.9	214.1	192.7	161.3	141.2	130.3	125.3	121.2	121.2	118.0
67.5°	203.6	193.6	179.5	164.5	139.9	121.2	111.2	106.6	104.3	104.3	102.0
70°	169.5	162.6	149.9	136.7	115.3	101.1	93.4	89.3	87.9	88.4	86.6
72.5°	137.6	130.3	119.8	110.2	94.3	83.8	78.4	73.8	71.5	72.0	71.5
75°	106.6	103.0	93.8	86.6	73.8	66.5	61.5	59.2	57.4	57.9	56.9
77.5°	80.2	74.7	69.7	64.7	56.9	51.0	46.9	44.6	43.3	43.3	43.3
80°	54.7	53.8	49.7	46.9	40.5	36.0	32.8	32.3	31.0	31.0	31.0
82.5°	35.5	33.3	31.0	29.2	25.5	22.8	21.4	20.5	20.0	19.6	20.5
85°	19.6	18.2	17.3	15.5	14.1	12.8	11.4	10.9	10.5	10.9	10.5
87.5°	7.7	6.4	6.4	5.9	5.5	5.0	5.0	4.1	4.1	3.6	3.6
90°	17.9	14.5	12.8	11.5	8.9	6.4	3.8	1.2	3.8	6.4	8.9
92.5°	23.3	21.0	19.8	20.6	22.1	23.7	25.2	26.8	25.2	23.7	22.1
95°	27.6	24.7	23.3	28.6	39.2	49.9	60.5	71.1	60.5	49.9	39.2
97.5°	77.0	90.2	96.8	100.4	107.7	114.9	122.2	129.4	122.2	114.9	107.7
100°	159.8	200.2	220.4	217.8	212.6	207.5	202.3	197.1	202.3	207.5	212.6
102.5°	221.6	266.7	289.2	287.5	284.1	280.8	277.4	274.0	277.4	280.8	284.1
105°	325.3	348.6	360.3	358.9	356.0	353.2	350.3	347.5	350.3	353.2	356.0
107.5°	441.9	438.0	436.1	434.9	432.6	430.3	427.9	425.6	427.9	430.3	432.6
110°	517.4	514.5	513.1	512.1	510.0	507.9	505.8	503.7	505.8	507.9	510.0

TEST NUMBER: P1011520

CATALOG NUMBER: S123DIP-B340D1195UB35-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
112.5°	590.8	587.9	586.5	585.6	583.8	582.0	580.2	578.4	580.2	582.0	583.8
115°	662.3	660.0	658.8	658.0	656.5	654.9	653.4	651.8	653.4	654.9	656.5
117.5°	734.2	732.9	732.3	731.4	729.6	727.7	725.9	724.1	725.9	727.7	729.6
120°	802.3	801.5	801.1	799.9	797.6	795.3	792.9	790.6	792.9	795.3	797.6
122.5°	868.0	866.9	866.4	865.5	863.7	861.8	860.0	858.2	860.0	861.8	863.7
125°	929.8	928.7	928.2	927.2	925.1	923.0	921.0	918.9	921.0	923.0	925.1
127.5°	990.8	989.5	988.8	987.8	985.7	983.6	981.6	979.5	981.6	983.6	985.7
130°	1046.4	1045.3	1044.8	1043.8	1041.7	1039.6	1037.6	1035.5	1037.6	1039.6	1041.7
132.5°	1099.6	1098.8	1098.4	1097.4	1095.3	1093.2	1091.2	1089.1	1091.2	1093.2	1095.3
135°	1152.5	1151.4	1150.9	1150.1	1148.6	1147.0	1145.5	1143.9	1145.5	1147.0	1148.6
137.5°	1200.7	1200.2	1199.9	1198.9	1196.8	1194.7	1192.7	1190.6	1192.7	1194.7	1196.8
140°	1245.4	1244.6	1244.2	1243.4	1241.9	1240.3	1238.8	1237.2	1238.8	1240.3	1241.9
142.5°	1288.5	1287.7	1287.3	1286.5	1285.0	1283.5	1281.9	1280.4	1281.9	1283.5	1285.0
145°	1329.0	1328.5	1328.2	1327.3	1325.5	1323.6	1321.8	1320.0	1321.8	1323.6	1325.5
147.5°	1365.1	1364.6	1364.3	1363.7	1362.4	1361.1	1359.8	1358.5	1359.8	1361.1	1362.4
150°	1397.8	1397.3	1397.0	1396.6	1395.8	1395.1	1394.3	1393.5	1394.3	1395.1	1395.8
152.5°	1426.5	1426.2	1426.1	1426.0	1425.7	1425.4	1425.2	1424.9	1425.2	1425.4	1425.7
155°	1452.2	1451.9	1451.8	1452.1	1452.6	1453.1	1453.6	1454.1	1453.6	1453.1	1452.6
157.5°	1477.0	1477.3	1477.4	1477.4	1477.4	1477.4	1477.4	1477.4	1477.4	1477.4	1477.4
160°	1496.8	1497.1	1497.2	1497.3	1497.6	1497.9	1498.1	1498.4	1498.1	1497.9	1497.6
162.5°	1514.3	1514.6	1514.7	1515.1	1515.9	1516.6	1517.4	1518.2	1517.4	1516.6	1515.9
165°	1529.5	1529.8	1529.9	1530.3	1531.1	1531.8	1532.6	1533.4	1532.6	1531.8	1531.1
167.5°	1541.6	1541.6	1541.6	1542.1	1543.1	1544.2	1545.2	1546.2	1545.2	1544.2	1543.1
170°	1552.0	1552.0	1552.0	1552.5	1553.6	1554.6	1555.7	1556.7	1555.7	1554.6	1553.6
172.5°	1558.3	1558.0	1557.9	1558.5	1559.8	1561.1	1562.4	1563.7	1562.4	1561.1	1559.8
175°	1564.1	1563.8	1563.7	1564.3	1565.6	1566.9	1568.2	1569.5	1568.2	1566.9	1565.6
177.5°	1566.4	1566.1	1566.0	1566.7	1568.0	1569.3	1570.6	1571.9	1570.6	1569.3	1568.0
180°	1569.5	1569.5	1569.5	1569.5	1569.5	1569.5	1569.5	1569.5	1569.5	1569.5	1569.5

TEST NUMBER: P1011520

CATALOG NUMBER: S123DIP-B340D1195UB35-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
0°	470.2	470.2	470.2	470.2	470.2	470.2	470.2	470.2	470.2	470.2	470.2
2.5°	462.9	462.4	463.3	460.6	456.0	453.8	447.4	446.0	445.6	446.0	446.5
5°	450.1	449.7	448.3	443.7	438.3	434.2	426.4	426.0	423.2	420.5	421.9
7.5°	437.8	436.0	433.3	427.3	420.0	415.5	409.1	404.6	400.9	398.6	396.8
10°	425.5	422.8	420.0	412.3	403.2	396.4	388.6	385.0	380.9	379.0	377.2
12.5°	409.6	406.8	401.8	392.7	387.2	378.6	370.8	367.2	364.9	361.3	359.0
15°	396.8	391.3	388.6	379.0	367.6	366.7	352.6	351.7	347.1	347.1	343.5
17.5°	382.2	378.1	373.1	363.5	355.3	347.1	339.9	337.1	333.0	332.1	330.3
20°	368.1	362.6	360.8	351.2	342.6	332.6	324.8	322.1	320.3	318.4	319.8
22.5°	353.5	349.0	344.4	335.8	329.4	319.4	314.8	312.1	309.3	308.4	308.9
25°	339.4	335.3	330.7	322.1	315.3	307.1	303.0	301.6	300.2	300.2	299.8
27.5°	325.7	321.6	317.5	309.8	303.0	297.0	293.8	292.5	291.1	292.0	292.9
30°	311.6	308.0	304.3	297.5	292.0	286.6	284.7	283.8	283.4	285.6	285.6
32.5°	298.9	295.7	292.9	286.6	281.1	276.5	275.2	275.6	276.1	277.4	278.4
35°	285.6	283.4	280.6	275.2	270.6	266.5	267.0	267.0	267.9	270.2	272.0
37.5°	273.8	270.6	268.3	263.8	260.1	256.5	257.9	259.2	260.1	262.9	263.8
40°	259.7	258.3	256.5	251.9	248.7	248.3	248.7	249.7	251.5	252.8	254.2
42.5°	248.3	246.5	244.2	240.5	237.8	238.3	238.7	239.6	240.5	242.8	244.2
45°	235.5	234.2	232.3	229.2	226.9	227.3	227.8	227.8	228.7	231.4	232.3
47.5°	221.4	221.9	219.6	216.4	215.0	215.0	215.0	215.9	218.2	219.1	219.6
50°	207.7	206.8	206.4	203.2	202.3	201.8	202.3	202.7	205.9	205.5	206.8
52.5°	193.2	193.2	192.7	190.9	189.5	189.5	188.6	190.9	191.8	192.7	194.1
55°	179.0	177.7	177.2	176.3	174.5	174.0	174.9	177.7	178.6	179.5	180.9
57.5°	163.6	163.6	162.6	161.3	161.3	161.3	161.3	163.1	164.5	165.4	168.1
60°	149.4	147.6	146.2	146.2	146.2	145.8	148.5	148.5	151.3	151.7	152.6
62.5°	132.6	131.7	130.8	131.2	130.8	131.7	132.6	134.4	134.9	136.2	137.6
65°	116.6	116.6	115.7	118.4	116.6	116.6	118.9	118.9	119.8	121.2	123.0
67.5°	101.1	101.6	100.7	100.7	101.6	102.0	102.5	104.3	104.8	106.6	108.9
70°	85.2	86.1	86.6	85.6	86.6	87.5	88.4	88.8	90.7	91.6	92.9
72.5°	71.1	72.0	70.6	71.1	71.5	72.4	72.9	73.8	74.7	77.4	78.4
75°	56.9	56.5	56.0	57.9	56.9	58.8	59.2	59.2	60.1	62.4	63.3
77.5°	43.7	43.7	44.2	43.3	44.6	44.2	44.6	46.0	47.4	47.4	51.0
80°	30.5	31.4	31.4	31.4	31.9	32.3	31.4	33.7	34.2	34.2	35.5
82.5°	19.6	20.0	19.6	20.5	20.5	21.4	21.0	21.4	22.3	23.2	23.7
85°	10.5	10.5	11.4	11.4	10.9	11.4	10.9	11.4	12.3	12.3	12.8
87.5°	3.6	3.6	3.6	3.6	4.1	3.6	4.1	4.1	3.6	3.6	5.0
90°	11.5	12.8	14.5	17.9	21.2	24.6	28.0	29.0	30.1	31.1	32.2
92.5°	20.6	19.8	21.0	23.3	25.6	28.0	30.3	32.1	33.9	35.8	37.6
95°	28.6	23.3	24.7	27.6	30.4	33.3	36.1	37.9	39.7	41.6	43.4
97.5°	100.4	96.8	90.2	77.0	63.7	50.5	37.3	39.4	41.4	43.5	45.6
100°	217.8	220.4	200.2	159.8	119.3	78.9	38.5	40.6	42.6	44.7	46.8
102.5°	287.5	289.2	266.7	221.6	176.5	131.4	86.3	77.7	69.2	60.6	52.1
105°	358.9	360.3	348.6	325.3	302.0	278.7	255.4	209.5	163.7	117.8	71.9
107.5°	434.9	436.1	438.0	441.9	445.8	449.7	453.6	413.7	373.8	333.9	294.0
110°	512.1	513.1	514.5	517.4	520.2	523.1	525.9	517.3	508.8	500.2	491.7

TEST NUMBER: P1011520

CATALOG NUMBER: S123DIP-B340D1195UB35-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
112.5°	585.6	586.5	587.9	590.8	593.7	596.5	599.4	601.7	604.1	606.4	608.7
115°	658.0	658.8	660.0	662.3	664.6	667.0	669.3	671.9	674.5	677.1	679.7
117.5°	731.4	732.3	732.9	734.2	735.5	736.8	738.1	740.2	742.3	744.4	746.5
120°	799.9	801.1	801.5	802.3	803.0	803.8	804.6	806.7	808.7	810.8	812.9
122.5°	865.5	866.4	866.9	868.0	869.0	870.1	871.1	872.4	873.7	875.0	876.3
125°	927.2	928.2	928.7	929.8	930.8	931.9	932.9	933.4	933.9	934.4	934.9
127.5°	987.8	988.8	989.5	990.8	992.1	993.4	994.7	995.5	996.3	997.0	997.8
130°	1043.8	1044.8	1045.3	1046.4	1047.4	1048.5	1049.5	1050.5	1051.5	1052.6	1053.6
132.5°	1097.4	1098.4	1098.8	1099.6	1100.3	1101.1	1101.9	1102.9	1104.0	1105.0	1106.1
135°	1150.1	1150.9	1151.4	1152.5	1153.5	1154.6	1155.6	1156.4	1157.2	1157.9	1158.7
137.5°	1198.9	1199.9	1200.2	1200.7	1201.2	1201.7	1202.2	1203.5	1204.8	1206.1	1207.4
140°	1243.4	1244.2	1244.6	1245.4	1246.1	1246.9	1247.7	1248.7	1249.8	1250.8	1251.9
142.5°	1286.5	1287.3	1287.7	1288.5	1289.2	1290.0	1290.8	1291.6	1292.4	1293.1	1293.9
145°	1327.3	1328.2	1328.5	1329.0	1329.5	1330.0	1330.5	1331.0	1331.5	1332.0	1332.5
147.5°	1363.7	1364.3	1364.6	1365.1	1365.6	1366.1	1366.6	1367.1	1367.7	1368.2	1368.7
150°	1396.6	1397.0	1397.3	1397.8	1398.3	1398.8	1399.3	1399.8	1400.3	1400.8	1401.3
152.5°	1426.0	1426.1	1426.2	1426.5	1426.8	1427.0	1427.3	1428.3	1429.3	1430.4	1431.4
155°	1452.1	1451.8	1451.9	1452.2	1452.4	1452.7	1452.9	1454.2	1455.5	1456.8	1458.1
157.5°	1477.4	1477.4	1477.3	1477.0	1476.8	1476.5	1476.3	1477.8	1479.4	1480.9	1482.4
160°	1497.3	1497.2	1497.1	1496.8	1496.6	1496.3	1496.1	1497.7	1499.2	1500.8	1502.3
162.5°	1515.1	1514.7	1514.6	1514.3	1514.1	1513.8	1513.6	1515.4	1517.2	1519.0	1520.8
165°	1530.3	1529.9	1529.8	1529.5	1529.2	1529.0	1528.7	1530.8	1532.9	1535.0	1537.1
167.5°	1542.1	1541.6	1541.6	1541.6	1541.6	1541.6	1541.6	1543.7	1545.7	1547.8	1549.9
170°	1552.5	1552.0	1552.0	1552.0	1552.0	1552.0	1552.0	1554.1	1556.2	1558.3	1560.4
172.5°	1558.5	1557.9	1558.0	1558.3	1558.5	1558.8	1559.0	1561.1	1563.2	1565.3	1567.4
175°	1564.3	1563.7	1563.8	1564.1	1564.4	1564.6	1564.9	1566.7	1568.5	1570.3	1572.1
177.5°	1566.7	1566.0	1566.1	1566.4	1566.7	1566.9	1567.2	1569.3	1571.3	1573.4	1575.5
180°	1569.5	1569.5	1569.5	1569.5	1569.5	1569.5	1569.5	1569.5	1569.5	1569.5	1569.5

TEST NUMBER: P1011520

CATALOG NUMBER: S123DIP-B340D1195UB35-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
0°	470.2	470.2	470.2	470.2	470.2	470.2	470.2	470.2	470.2	470.2	470.2
2.5°	446.0	446.5	444.6	443.3	446.9	444.6	444.6	445.1	444.2	445.6	445.1
5°	421.0	421.4	418.2	419.1	417.3	416.9	416.4	419.1	418.7	418.2	419.1
7.5°	396.4	396.4	395.0	394.1	394.1	392.7	394.5	394.1	395.0	395.0	396.4
10°	375.8	376.8	374.5	372.2	371.7	372.2	372.2	372.7	373.1	376.3	375.8
12.5°	359.0	357.6	357.2	355.8	353.5	352.6	351.7	356.7	355.3	355.3	355.3
15°	340.3	343.5	343.0	338.9	338.0	339.9	338.9	338.9	343.5	343.0	342.6
17.5°	330.3	329.4	328.5	326.2	326.6	326.2	326.6	326.6	329.4	329.4	329.4
20°	318.9	317.1	317.1	316.2	316.2	314.8	316.6	317.1	318.9	318.9	319.4
22.5°	308.9	307.5	307.5	307.1	308.0	306.1	308.0	308.4	308.4	309.8	309.8
25°	300.2	299.3	299.3	300.2	300.2	300.2	300.2	302.0	300.7	301.1	300.7
27.5°	292.5	292.9	293.4	293.8	293.4	293.8	294.3	295.2	295.7	295.2	294.3
30°	285.2	286.6	287.0	287.0	287.9	288.4	288.8	288.8	289.3	287.9	288.8
32.5°	279.7	279.7	280.6	281.1	282.0	282.5	282.5	283.4	282.9	281.5	282.0
35°	272.0	272.0	273.8	274.7	276.1	275.6	276.1	276.1	276.5	275.6	274.3
37.5°	264.2	265.1	265.1	267.0	267.4	267.9	267.4	268.3	267.9	267.0	266.5
40°	255.1	254.7	255.1	256.5	256.9	256.9	256.9	257.9	257.9	257.9	257.4
42.5°	243.7	245.1	244.6	246.0	245.6	245.6	246.5	247.4	247.8	246.5	246.9
45°	232.8	232.8	233.7	233.7	234.2	234.2	236.0	235.1	236.0	235.1	235.5
47.5°	221.0	221.4	221.4	221.9	222.8	223.7	222.8	223.2	223.2	223.7	222.8
50°	207.7	207.7	208.7	210.0	211.8	210.9	210.5	212.3	210.9	210.9	210.0
52.5°	194.1	195.4	195.9	197.3	198.6	199.1	199.5	198.6	199.1	197.7	198.2
55°	180.9	181.3	183.1	184.5	185.9	185.9	185.4	185.9	186.3	184.5	184.5
57.5°	167.7	169.0	170.8	170.8	172.7	172.7	172.2	172.2	172.7	171.3	170.8
60°	153.5	154.9	157.2	157.2	159.9	160.4	159.5	158.5	158.5	157.2	157.6
62.5°	138.5	139.9	141.2	143.5	145.3	144.4	146.2	144.4	144.9	142.1	142.1
65°	125.3	125.7	128.0	130.3	130.3	131.2	130.3	130.8	129.4	129.4	127.6
67.5°	109.8	109.8	112.1	114.3	116.6	116.6	116.6	115.3	115.3	113.9	113.9
70°	96.1	95.7	97.9	99.3	100.7	101.1	100.2	99.8	98.9	97.5	97.0
72.5°	79.3	80.2	82.5	83.4	85.6	85.2	87.5	84.7	84.7	82.5	82.0
75°	64.2	65.1	67.4	68.8	70.2	70.2	71.5	70.2	68.3	67.4	67.0
77.5°	51.0	50.6	52.4	54.7	55.1	54.7	55.6	55.1	53.3	53.3	52.4
80°	36.4	37.8	39.6	39.2	41.0	40.5	40.5	39.6	39.6	38.3	39.2
82.5°	24.1	25.5	26.0	25.5	26.0	26.9	27.3	26.9	26.9	26.0	26.4
85°	12.8	12.8	13.7	14.1	13.7	13.7	14.1	15.5	14.6	13.7	14.6
87.5°	4.1	3.6	3.6	4.1	3.6	3.6	4.1	4.1	4.6	4.6	4.6
90°	32.7	33.0	33.5	34.0	34.5	35.0	34.5	34.0	33.5	33.0	32.7
92.5°	38.5	38.6	38.9	39.1	39.4	39.6	39.4	39.1	38.9	38.6	38.5
95°	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3
97.5°	46.6	46.7	47.0	47.3	47.5	47.8	47.5	47.3	47.0	46.7	46.6
100°	47.8	47.9	48.2	48.5	48.7	49.0	48.7	48.5	48.2	47.9	47.8
102.5°	47.8	48.1	48.6	49.1	49.6	50.1	49.6	49.1	48.6	48.1	47.8
105°	49.0	49.3	49.8	50.3	50.8	51.3	50.8	50.3	49.8	49.3	49.0
107.5°	274.0	257.0	223.1	189.2	155.2	121.3	155.2	189.2	223.1	257.0	274.0
110°	487.4	468.9	431.8	394.8	357.7	320.7	357.7	394.8	431.8	468.9	487.4

TEST NUMBER: P1011520

CATALOG NUMBER: S123DIP-B340D1195UB35-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
112.5°	609.9	609.6	609.1	608.6	608.0	607.5	608.0	608.6	609.1	609.6	609.9
115°	681.0	681.5	682.6	683.6	684.7	685.7	684.7	683.6	682.6	681.5	681.0
117.5°	747.5	747.6	747.9	748.1	748.4	748.6	748.4	748.1	747.9	747.6	747.5
120°	813.9	813.9	813.9	813.9	813.9	813.9	813.9	813.9	813.9	813.9	813.9
122.5°	876.9	877.0	877.3	877.6	877.8	878.1	877.8	877.6	877.3	877.0	876.9
125°	935.2	935.5	936.0	936.5	937.0	937.5	937.0	936.5	936.0	935.5	935.2
127.5°	998.2	997.9	997.4	996.9	996.3	995.8	996.3	996.9	997.4	997.9	998.2
130°	1054.1	1053.8	1053.3	1052.8	1052.3	1051.8	1052.3	1052.8	1053.3	1053.8	1054.1
132.5°	1106.6	1106.2	1105.4	1104.7	1103.9	1103.1	1103.9	1104.7	1105.4	1106.2	1106.6
135°	1159.1	1158.7	1157.9	1157.2	1156.4	1155.6	1156.4	1157.2	1157.9	1158.7	1159.1
137.5°	1208.1	1207.8	1207.3	1206.8	1206.2	1205.7	1206.2	1206.8	1207.3	1207.8	1208.1
140°	1252.4	1252.1	1251.6	1251.1	1250.5	1250.0	1250.5	1251.1	1251.6	1252.1	1252.4
142.5°	1294.3	1293.9	1293.1	1292.4	1291.6	1290.8	1291.6	1292.4	1293.1	1293.9	1294.3
145°	1332.8	1332.8	1332.8	1332.8	1332.8	1332.8	1332.8	1332.8	1332.8	1332.8	1332.8
147.5°	1369.0	1368.3	1367.0	1365.7	1364.4	1363.1	1364.4	1365.7	1367.0	1368.3	1369.0
150°	1401.6	1401.2	1400.4	1399.7	1398.9	1398.1	1398.9	1399.7	1400.4	1401.2	1401.6
152.5°	1431.9	1431.3	1430.0	1428.7	1427.4	1426.1	1427.4	1428.7	1430.0	1431.3	1431.9
155°	1458.8	1458.0	1456.5	1454.9	1453.4	1451.8	1453.4	1454.9	1456.5	1458.0	1458.8
157.5°	1483.2	1482.2	1480.1	1478.0	1476.0	1473.9	1476.0	1478.0	1480.1	1482.2	1483.2
160°	1503.1	1502.2	1500.4	1498.5	1496.7	1494.9	1496.7	1498.5	1500.4	1502.2	1503.1
162.5°	1521.7	1520.9	1519.4	1517.8	1516.3	1514.7	1516.3	1517.8	1519.4	1520.9	1521.7
165°	1538.1	1537.2	1535.4	1533.5	1531.7	1529.9	1531.7	1533.5	1535.4	1537.2	1538.1
167.5°	1550.9	1549.9	1547.8	1545.7	1543.7	1541.6	1543.7	1545.7	1547.8	1549.9	1550.9
170°	1561.4	1560.4	1558.3	1556.2	1554.1	1552.0	1554.1	1556.2	1558.3	1560.4	1561.4
172.5°	1568.4	1567.2	1564.9	1562.6	1560.2	1557.9	1560.2	1562.6	1564.9	1567.2	1568.4
175°	1573.0	1572.0	1569.9	1567.8	1565.8	1563.7	1565.8	1567.8	1569.9	1572.0	1573.0
177.5°	1576.5	1575.2	1572.6	1570.1	1567.5	1564.9	1567.5	1570.1	1572.6	1575.2	1576.5
180°	1569.5	1569.5	1569.5	1569.5	1569.5	1569.5	1569.5	1569.5	1569.5	1569.5	1569.5

TEST NUMBER: P1011520

CATALOG NUMBER: S123DIP-B340D1195UB35-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
0°	470.2	470.2	470.2	470.2	470.2	470.2	470.2	470.2	470.2	470.2	470.2
2.5°	446.5	447.4	447.8	446.0	444.6	446.9	450.1	452.4	454.2	456.5	457.9
5°	420.0	423.2	423.2	424.1	425.5	427.8	433.7	437.8	441.5	444.2	446.5
7.5°	397.7	400.0	401.4	403.6	405.9	409.1	415.9	421.9	427.3	430.5	434.2
10°	377.7	379.5	381.8	383.1	387.2	391.8	400.5	405.5	411.8	416.9	421.4
12.5°	358.5	364.9	366.3	365.8	369.5	374.5	383.1	390.9	397.7	402.7	407.7
15°	344.9	347.1	349.9	349.4	357.2	358.5	365.8	374.9	384.1	387.2	391.8
17.5°	329.8	333.5	336.2	337.6	339.9	344.9	351.7	358.5	370.4	370.8	382.7
20°	318.0	321.6	323.5	325.3	326.6	332.6	338.5	346.2	355.8	360.8	367.2
22.5°	310.2	312.1	313.4	314.8	316.6	319.8	327.1	335.8	342.1	347.6	351.7
25°	301.1	303.0	304.8	305.7	307.1	308.9	314.3	321.2	330.3	333.9	338.0
27.5°	294.8	294.8	295.7	295.7	297.5	299.3	303.4	309.8	317.1	321.6	327.1
30°	287.9	287.5	287.9	287.5	287.0	289.7	293.4	298.9	303.9	309.3	313.0
32.5°	281.1	280.6	280.6	281.1	279.3	280.6	282.5	287.5	292.9	295.7	299.8
35°	273.8	272.9	272.9	272.9	272.0	271.1	272.9	277.4	281.1	284.7	287.9
37.5°	266.5	265.1	265.1	264.2	263.3	262.0	262.0	265.6	270.6	272.0	276.1
40°	256.5	256.5	255.6	255.1	254.2	253.3	251.9	255.1	259.7	261.0	264.2
42.5°	246.5	245.1	244.6	244.6	244.6	243.3	242.4	244.6	247.4	249.7	251.5
45°	235.1	234.2	234.6	234.2	233.3	232.8	232.3	233.3	236.4	237.4	239.6
47.5°	222.8	222.3	222.3	221.9	221.4	221.9	220.0	222.3	223.2	224.1	226.0
50°	210.0	209.6	209.1	208.7	208.7	209.1	208.7	208.7	210.5	211.4	213.2
52.5°	197.3	195.9	195.9	195.4	195.4	194.5	195.4	195.9	196.8	197.7	198.6
55°	183.6	183.6	182.2	182.2	181.3	181.3	181.8	181.3	183.1	184.1	184.1
57.5°	170.4	168.6	169.0	168.1	167.2	166.7	166.7	167.7	168.6	168.6	169.5
60°	156.3	154.4	154.0	152.2	153.1	151.7	152.2	152.2	154.0	153.1	154.0
62.5°	142.1	139.9	138.5	137.6	137.6	138.0	137.1	136.7	137.6	138.5	140.3
65°	127.1	125.7	124.4	123.0	123.0	122.5	123.5	122.1	121.6	122.1	123.0
67.5°	111.6	110.2	108.9	107.5	108.0	106.6	105.7	107.1	106.1	106.6	107.5
70°	96.6	95.7	92.9	92.0	91.6	92.0	91.6	90.7	92.0	91.6	92.0
72.5°	81.5	80.6	79.3	77.0	77.0	76.5	76.1	76.1	75.6	75.6	75.6
75°	67.0	65.1	63.8	63.3	62.4	62.0	61.5	60.6	61.0	61.5	60.6
77.5°	51.9	49.7	49.2	49.2	47.8	47.8	48.3	47.8	47.4	47.4	47.4
80°	38.3	36.4	36.4	35.5	34.6	34.6	34.6	34.6	34.2	33.7	34.2
82.5°	24.6	24.1	23.7	23.7	24.6	22.8	23.7	23.2	22.8	22.8	22.3
85°	13.7	14.1	13.7	14.1	13.2	13.7	13.7	13.7	13.2	13.7	12.8
87.5°	5.0	5.0	5.0	5.5	5.5	5.5	5.5	5.5	5.9	5.5	5.5
90°	32.2	31.1	30.1	29.0	28.0	24.6	21.2	17.9	14.5	12.8	11.5
92.5°	37.6	35.8	33.9	32.1	30.3	28.0	25.6	23.3	21.0	19.8	20.6
95°	43.4	41.6	39.7	37.9	36.1	33.3	30.4	27.6	24.7	23.3	28.6
97.5°	45.6	43.5	41.4	39.4	37.3	50.5	63.7	77.0	90.2	96.8	100.4
100°	46.8	44.7	42.6	40.6	38.5	78.9	119.3	159.8	200.2	220.4	217.8
102.5°	52.1	60.6	69.2	77.7	86.3	131.4	176.5	221.6	266.7	289.2	287.5
105°	71.9	117.8	163.7	209.5	255.4	278.7	302.0	325.3	348.6	360.3	358.9
107.5°	294.0	333.9	373.8	413.7	453.6	449.7	445.8	441.9	438.0	436.1	434.9
110°	491.7	500.2	508.8	517.3	525.9	523.1	520.2	517.4	514.5	513.1	512.1

TEST NUMBER: P1011520

CATALOG NUMBER: S123DIP-B340D1195UB35-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
112.5°	608.7	606.4	604.1	601.7	599.4	596.5	593.7	590.8	587.9	586.5	585.6
115°	679.7	677.1	674.5	671.9	669.3	667.0	664.6	662.3	660.0	658.8	658.0
117.5°	746.5	744.4	742.3	740.2	738.1	736.8	735.5	734.2	732.9	732.3	731.4
120°	812.9	810.8	808.7	806.7	804.6	803.8	803.0	802.3	801.5	801.1	799.9
122.5°	876.3	875.0	873.7	872.4	871.1	870.1	869.0	868.0	866.9	866.4	865.5
125°	934.9	934.4	933.9	933.4	932.9	931.9	930.8	929.8	928.7	928.2	927.2
127.5°	997.8	997.0	996.3	995.5	994.7	993.4	992.1	990.8	989.5	988.8	987.8
130°	1053.6	1052.6	1051.5	1050.5	1049.5	1048.5	1047.4	1046.4	1045.3	1044.8	1043.8
132.5°	1106.1	1105.0	1104.0	1102.9	1101.9	1101.1	1100.3	1099.6	1098.8	1098.4	1097.4
135°	1158.7	1157.9	1157.2	1156.4	1155.6	1154.6	1153.5	1152.5	1151.4	1150.9	1150.1
137.5°	1207.4	1206.1	1204.8	1203.5	1202.2	1201.7	1201.2	1200.7	1200.2	1199.9	1198.9
140°	1251.9	1250.8	1249.8	1248.7	1247.7	1246.9	1246.1	1245.4	1244.6	1244.2	1243.4
142.5°	1293.9	1293.1	1292.4	1291.6	1290.8	1290.0	1289.2	1288.5	1287.7	1287.3	1286.5
145°	1332.5	1332.0	1331.5	1331.0	1330.5	1330.0	1329.5	1329.0	1328.5	1328.2	1327.3
147.5°	1368.7	1368.2	1367.7	1367.1	1366.6	1366.1	1365.6	1365.1	1364.6	1364.3	1363.7
150°	1401.3	1400.8	1400.3	1399.8	1399.3	1398.8	1398.3	1397.8	1397.3	1397.0	1396.6
152.5°	1431.4	1430.4	1429.3	1428.3	1427.3	1427.0	1426.8	1426.5	1426.2	1426.1	1426.0
155°	1458.1	1456.8	1455.5	1454.2	1452.9	1452.7	1452.4	1452.2	1451.9	1451.8	1452.1
157.5°	1482.4	1480.9	1479.4	1477.8	1476.3	1476.5	1476.8	1477.0	1477.3	1477.4	1477.4
160°	1502.3	1500.8	1499.2	1497.7	1496.1	1496.3	1496.6	1496.8	1497.1	1497.2	1497.3
162.5°	1520.8	1519.0	1517.2	1515.4	1513.6	1513.8	1514.1	1514.3	1514.6	1514.7	1515.1
165°	1537.1	1535.0	1532.9	1530.8	1528.7	1529.0	1529.2	1529.5	1529.8	1529.9	1530.3
167.5°	1549.9	1547.8	1545.7	1543.7	1541.6	1541.6	1541.6	1541.6	1541.6	1541.6	1542.1
170°	1560.4	1558.3	1556.2	1554.1	1552.0	1552.0	1552.0	1552.0	1552.0	1552.0	1552.5
172.5°	1567.4	1565.3	1563.2	1561.1	1559.0	1558.8	1558.5	1558.3	1558.0	1557.9	1558.5
175°	1572.1	1570.3	1568.5	1566.7	1564.9	1564.6	1564.4	1564.1	1563.8	1563.7	1564.3
177.5°	1575.5	1573.4	1571.3	1569.3	1567.2	1566.9	1566.7	1566.4	1566.1	1566.0	1566.7
180°	1569.5	1569.5	1569.5	1569.5	1569.5	1569.5	1569.5	1569.5	1569.5	1569.5	1569.5

TEST NUMBER: P1011520

CATALOG NUMBER: S123DIP-B340D1195UB35-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
0°	470.2	470.2	470.2	470.2
2.5°	460.1	461.5	466.1	471.5
5°	451.0	454.7	461.0	469.7
7.5°	441.0	446.5	455.6	466.5
10°	429.6	437.4	448.7	462.4
12.5°	417.3	427.3	441.9	456.0
15°	409.6	419.6	432.8	448.3
17.5°	394.5	406.4	420.0	441.9
20°	379.0	392.3	410.0	431.9
22.5°	367.2	381.3	398.2	421.4
25°	353.1	367.6	385.9	410.0
27.5°	338.0	352.6	373.1	398.6
30°	326.6	340.8	360.4	387.7
32.5°	313.0	326.6	347.1	375.8
35°	297.5	313.0	332.6	361.7
37.5°	285.6	299.8	320.3	348.1
40°	272.9	285.2	305.2	332.6
42.5°	259.2	272.9	290.2	317.5
45°	246.5	256.5	274.3	300.2
47.5°	232.8	244.2	257.9	277.9
50°	218.2	227.8	242.8	256.5
52.5°	204.1	211.8	224.6	235.1
55°	189.1	196.8	206.4	212.8
57.5°	174.9	180.4	186.8	190.9
60°	157.6	163.1	167.2	171.3
62.5°	142.1	146.2	148.5	150.8
65°	126.2	128.5	129.8	131.7
67.5°	108.9	111.2	111.6	114.3
70°	92.9	93.4	94.3	95.7
72.5°	77.9	78.8	78.4	79.3
75°	62.4	63.3	62.4	63.3
77.5°	47.4	48.3	48.3	49.7
80°	34.2	34.6	35.1	35.1
82.5°	22.3	23.7	22.8	23.2
85°	12.8	13.2	13.2	13.7
87.5°	5.9	6.4	5.9	6.8
90°	8.9	6.4	3.8	1.2
92.5°	22.1	23.7	25.2	26.8
95°	39.2	49.9	60.5	71.1
97.5°	107.7	114.9	122.2	129.4
100°	212.6	207.5	202.3	197.1
102.5°	284.1	280.8	277.4	274.0
105°	356.0	353.2	350.3	347.5
107.5°	432.6	430.3	427.9	425.6
110°	510.0	507.9	505.8	503.7

TEST NUMBER: P1011520

CATALOG NUMBER: S123DIP-B340D1195UB35-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
112.5°	583.8	582.0	580.2	578.4
115°	656.5	654.9	653.4	651.8
117.5°	729.6	727.7	725.9	724.1
120°	797.6	795.3	792.9	790.6
122.5°	863.7	861.8	860.0	858.2
125°	925.1	923.0	921.0	918.9
127.5°	985.7	983.6	981.6	979.5
130°	1041.7	1039.6	1037.6	1035.5
132.5°	1095.3	1093.2	1091.2	1089.1
135°	1148.6	1147.0	1145.5	1143.9
137.5°	1196.8	1194.7	1192.7	1190.6
140°	1241.9	1240.3	1238.8	1237.2
142.5°	1285.0	1283.5	1281.9	1280.4
145°	1325.5	1323.6	1321.8	1320.0
147.5°	1362.4	1361.1	1359.8	1358.5
150°	1395.8	1395.1	1394.3	1393.5
152.5°	1425.7	1425.4	1425.2	1424.9
155°	1452.6	1453.1	1453.6	1454.1
157.5°	1477.4	1477.4	1477.4	1477.4
160°	1497.6	1497.9	1498.1	1498.4
162.5°	1515.9	1516.6	1517.4	1518.2
165°	1531.1	1531.8	1532.6	1533.4
167.5°	1543.1	1544.2	1545.2	1546.2
170°	1553.6	1554.6	1555.7	1556.7
172.5°	1559.8	1561.1	1562.4	1563.7
175°	1565.6	1566.9	1568.2	1569.5
177.5°	1568.0	1569.3	1570.6	1571.9
180°	1569.5	1569.5	1569.5	1569.5

(END OF REPORT)