

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: P1009245

Luminaire Tested: S122DIP-B675D1080UB50-4F0-XX-W2A-A4

Issue Date: 5/6/2025

Test Information

Test Method: LM-79-2019
Report Number: P1009245
REPORT IS A COMBINATION OF REPORTS P984471 AND P1007351
Test Lab: INNOVATION CENTER
Issue Date: 5/6/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: NEO-RAY
Catalog Number: S122DIP-B675D1080UB50-4F0-XX-W2A-A4
Description: Define 2 Direct/Indirect Pendant with 5000K BioUP LEDs {m-DER=1.015} {m-EER=1.115}
Light Source: -
Ballast/Driver: -

Summary

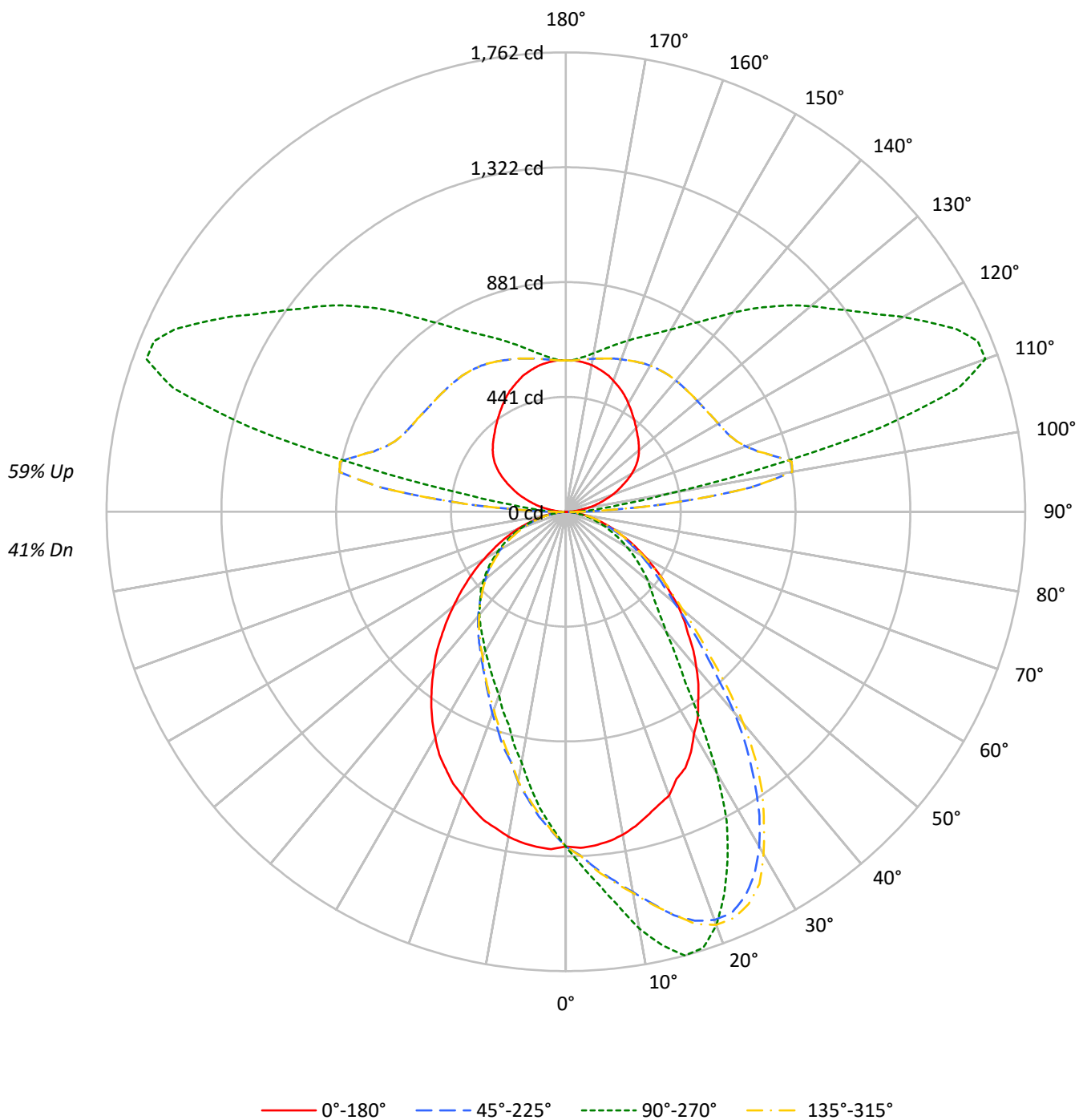
Lumens per Lamp: N/A
Luminaire Lumens: 6878.0 lumens
Efficiency: N/A
Efficacy: 97.0 lumens/watt
Spacing Criteria (0/90/45): 1.16 / 1.09 / 1.23
Luminous Opening: Rectangular w/ Sides (W: 0.17' x L: 4' x H: 0.1')
CIE Type: General Diffuse

Input Watts (W): 70.9
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	105	105	105	105	96	96	96	96	78	78	78	63	63	63	48	48	48
1	96	92	88	85	88	84	81	78	69	67	65	56	54	53	43	42	41
2	88	81	75	70	80	74	69	65	61	58	55	49	47	45	38	37	35
3	80	71	64	59	73	65	59	55	54	50	46	44	41	38	34	32	31
4	74	63	56	50	67	58	52	47	48	44	40	39	36	33	31	29	27
5	68	57	49	43	62	52	45	40	44	38	35	36	32	29	28	26	24
6	63	51	43	38	57	47	40	35	39	34	30	32	28	26	26	23	21
7	58	46	38	33	53	42	36	31	36	31	27	29	26	23	23	21	19
8	54	42	34	29	49	39	32	27	33	28	24	27	23	20	22	19	17
9	50	38	31	26	46	35	29	25	30	25	21	25	21	18	20	17	15
10	47	35	28	23	43	33	26	22	28	23	19	23	19	17	19	16	14

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	20318	20318	20318	20318
5°	20367	21665	20445	17235
10°	20130	23650	20257	14211
15°	19642	24945	19915	11969
20°	19336	23422	19336	10403
25°	18720	20122	18804	9304
30°	17706	15818	18043	8427
35°	16808	10938	17089	7711
40°	15774	8258	15954	7139
45°	14502	6787	14738	6522
50°	13401	5956	13425	5970
55°	12145	5075	12225	5371
60°	10809	4239	10957	4687
65°	9609	3448	9787	4003
70°	8419	2705	8631	3229
75°	7065	1964	7339	2341
80°	5517	1245	5908	1390
85°	3630	626	3899	463

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 157.5°

Vertical Angle: 45°

Luminance: 21003 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	122.3	1.8
10°-20°	355.8	5.2
20°-30°	516.4	7.5
30°-40°	544.4	7.9
40°-50°	481.8	7.0
50°-60°	384.7	5.6
60°-70°	261.3	3.8
70°-80°	133.7	1.9
80°-90°	35.3	0.5
90°-100°	226.3	3.3
100°-110°	796.9	11.6
110°-120°	836.9	12.2
120°-130°	688.5	10.0
130°-140°	553.1	8.0
140°-150°	417.8	6.1
150°-160°	293.7	4.3
160°-170°	172.9	2.5
170°-180°	56.2	0.8
0°-30°	994.6	14.5
0°-40°	1539.0	22.4
0°-60°	2405.4	35.0
0°-90°	2835.7	41.2
90°-120°	1860.0	27.0
90°-150°	3519.4	51.2
90°-180°	4042.0	58.8
0°-180°	6878.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1284	1284	1284	1284	1284	
5°	1285	1434	1290	1140	1285	122
15°	1207	1762	1223	846	1207	341
25°	1084	1468	1089	679	1084	496
35°	885	799	900	563	885	554
45°	664	482	675	463	664	515
55°	456	338	459	358	456	407
65°	270	208	275	242	270	269
75°	126	103	131	122	126	136
85°	26	27	28	20	26	30
90°	1	37	1	37	1	4
95°	39	127	39	127	39	40
105°	136	1258	136	1258	136	145
115°	240	1655	240	1655	240	238
125°	335	1343	335	1343	335	298
135°	393	1113	393	1113	393	304
145°	449	888	449	888	449	282
155°	510	747	510	747	510	235
165°	556	655	556	655	556	157
175°	579	590	579	590	579	55
180°	580	580	580	580	580	

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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	1283.6	1283.6	1283.6	1283.6	1283.6	1283.6	1283.6	1283.6	1283.6	1283.6	1283.6
2.5°	1290.5	1293.5	1298.4	1299.4	1309.2	1317.1	1326.0	1326.0	1329.0	1328.0	1320.1
5°	1284.6	1293.5	1306.3	1317.1	1334.9	1342.8	1354.6	1363.5	1371.4	1377.3	1376.3
7.5°	1274.7	1290.5	1309.2	1330.0	1353.6	1367.5	1384.2	1400.0	1410.9	1420.7	1427.6
10°	1257.9	1284.6	1310.2	1337.9	1368.4	1387.2	1406.9	1427.6	1444.4	1463.2	1480.9
12.5°	1235.2	1273.7	1305.3	1341.8	1379.3	1400.0	1431.6	1447.4	1479.9	1527.3	1540.1
15°	1206.6	1258.9	1288.5	1334.9	1384.2	1401.0	1444.4	1470.1	1537.2	1566.8	1602.3
17.5°	1180.0	1238.2	1277.7	1331.0	1379.3	1411.9	1454.3	1506.6	1562.8	1605.2	1644.7
20°	1158.3	1214.5	1261.9	1321.1	1382.3	1423.7	1468.1	1531.2	1592.4	1635.8	1666.4
22.5°	1109.0	1181.0	1236.2	1302.3	1376.3	1433.6	1476.0	1545.0	1611.2	1637.8	1664.4
25°	1084.3	1146.5	1210.6	1285.6	1372.4	1440.5	1477.0	1553.9	1612.1	1622.0	1627.9
27.5°	1038.9	1109.0	1183.9	1269.8	1371.4	1428.6	1475.0	1545.0	1591.4	1584.5	1566.8
30°	982.7	1068.5	1151.4	1244.1	1357.6	1419.7	1463.2	1527.3	1551.0	1515.5	1483.9
32.5°	941.2	1022.1	1113.9	1221.4	1341.8	1401.0	1443.4	1493.7	1498.7	1434.5	1381.3
35°	885.0	974.8	1078.4	1191.8	1315.2	1368.4	1407.9	1438.5	1414.8	1325.0	1261.9
37.5°	834.7	923.5	1034.0	1149.4	1278.7	1331.0	1362.5	1367.5	1309.2	1230.3	1137.6
40°	779.4	871.2	986.6	1108.0	1238.2	1283.6	1303.3	1288.5	1204.7	1112.9	1005.4
42.5°	724.2	814.9	939.3	1063.6	1186.9	1225.4	1233.3	1192.8	1090.2	982.7	858.4
45°	664.0	758.7	883.0	1008.3	1127.7	1149.4	1150.4	1092.2	970.8	858.4	742.9
47.5°	614.7	702.5	825.8	951.1	1051.7	1066.5	1060.6	993.5	861.3	735.0	634.4
50°	560.4	644.3	766.6	889.9	975.8	979.7	964.9	869.2	740.0	624.5	544.6
52.5°	502.2	587.0	699.5	817.9	894.9	888.9	860.3	757.7	636.4	540.7	479.5
55°	455.8	530.8	636.4	751.8	806.1	789.3	757.7	653.1	557.4	476.5	423.3
57.5°	404.5	470.6	574.2	674.8	706.4	690.6	659.1	561.4	472.6	411.4	375.9
60°	356.2	416.4	507.1	591.0	615.7	598.9	562.4	474.6	410.4	359.1	332.5
62.5°	311.8	364.1	440.0	517.0	526.9	510.1	478.5	407.5	352.2	311.8	292.0
65°	270.3	319.7	380.8	439.0	447.9	430.2	397.6	346.3	299.9	274.3	255.5
67.5°	229.9	269.3	323.6	366.0	371.0	354.2	327.6	286.1	257.5	229.9	216.1
70°	194.4	224.0	266.4	300.9	302.9	287.1	273.3	235.8	214.1	194.4	183.5
72.5°	159.8	180.6	213.1	238.8	239.7	229.9	217.1	193.4	174.6	160.8	150.0
75°	126.3	144.0	163.8	186.5	185.5	177.6	167.7	152.9	137.1	128.3	123.3
77.5°	96.7	107.5	123.3	138.1	138.1	134.2	128.3	117.4	107.5	98.7	93.7
80°	69.1	76.0	88.8	93.7	95.7	94.7	89.8	81.9	77.9	71.0	69.1
82.5°	44.4	49.3	55.3	60.2	63.1	61.2	60.2	56.2	50.3	48.3	46.4
85°	25.7	27.6	30.6	33.5	34.5	33.5	35.5	32.6	29.6	29.6	28.6
87.5°	10.9	11.8	13.8	13.8	14.8	14.8	13.8	14.8	14.8	13.8	12.8
90°	1.1	4.5	8.9	11.2	13.4	15.0	16.7	22.3	30.1	36.8	38.0
92.5°	16.7	23.4	32.4	38.0	46.9	53.0	59.2	89.3	131.7	169.7	171.9
95°	39.1	43.5	54.7	64.7	82.6	96.0	109.4	160.7	257.9	387.3	437.6
97.5°	58.0	64.7	77.0	91.5	111.6	126.7	141.8	207.6	342.7	551.4	713.3
100°	86.0	89.3	99.3	117.2	139.5	155.2	170.8	229.9	366.1	607.2	881.8
102.5°	111.6	113.9	123.9	141.8	165.2	180.8	196.5	250.0	367.2	586.0	887.4
105°	136.2	140.6	148.5	165.2	189.8	205.4	221.0	273.5	372.8	557.0	827.1
107.5°	163.0	166.3	174.1	189.8	214.3	230.0	245.6	296.9	385.1	541.4	771.3
110°	189.8	194.2	200.9	215.4	238.9	255.0	271.2	320.4	400.7	536.9	733.4

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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	214.3	218.8	226.6	240.0	262.3	279.0	295.8	342.7	417.5	538.0	708.8
115°	240.0	245.6	252.3	265.7	288.0	303.0	318.1	366.1	434.2	542.5	692.1
117.5°	266.8	271.2	277.9	290.2	311.4	327.0	342.7	387.3	452.1	549.2	683.1
120°	291.3	295.8	302.5	312.6	334.9	350.5	366.1	409.7	469.9	555.9	675.3
122.5°	314.8	318.1	324.8	336.0	358.3	374.5	390.7	430.9	485.6	563.7	670.9
125°	334.9	338.2	344.9	358.3	380.6	396.2	411.9	452.1	502.3	571.5	665.3
127.5°	351.6	356.1	365.0	379.5	400.7	416.9	433.1	472.2	517.9	579.3	661.9
130°	366.1	370.6	381.8	397.4	419.7	435.4	451.0	490.0	532.5	588.3	659.7
132.5°	379.5	385.1	397.4	414.1	437.6	453.2	468.8	505.7	547.0	597.2	658.6
135°	392.9	397.4	410.8	427.5	453.2	468.8	484.5	520.2	559.2	603.9	657.5
137.5°	405.2	410.8	424.2	442.0	467.7	482.2	496.7	532.5	569.3	610.6	657.5
140°	419.7	424.2	437.6	455.4	480.0	494.5	509.0	542.5	577.1	615.1	656.4
142.5°	434.2	437.6	449.8	467.7	491.2	504.6	517.9	550.3	583.8	618.4	656.4
145°	448.7	453.2	464.4	481.1	503.4	515.7	528.0	558.1	589.4	620.6	654.1
147.5°	464.4	467.7	478.9	494.5	513.5	524.6	535.8	564.8	592.7	621.8	650.8
150°	480.0	483.3	492.3	506.8	523.5	533.6	543.6	569.3	595.0	620.6	647.4
152.5°	495.6	496.7	505.7	517.9	533.6	542.5	551.4	573.8	596.1	618.4	641.8
155°	510.1	511.2	517.9	530.2	542.5	550.8	559.2	578.2	597.2	616.2	635.1
157.5°	522.4	523.5	529.1	540.3	550.3	557.6	564.8	581.6	597.2	611.7	628.4
160°	534.7	535.8	540.3	549.2	558.1	564.2	570.4	583.8	597.2	608.4	621.8
162.5°	547.0	545.8	550.3	557.0	564.8	569.3	573.8	584.9	596.1	605.0	616.2
165°	555.9	554.8	557.0	563.7	569.3	572.6	576.0	586.0	593.8	600.5	608.4
167.5°	563.7	562.6	564.8	569.3	573.8	576.0	578.2	586.0	592.7	596.1	601.7
170°	571.5	569.3	570.4	573.8	576.0	577.6	579.3	584.9	590.5	592.7	596.1
172.5°	576.0	574.9	573.8	577.1	578.2	579.4	580.5	583.8	587.1	588.3	589.4
175°	579.3	578.2	577.1	579.3	579.3	579.9	580.5	582.7	584.9	583.8	584.9
177.5°	581.6	579.3	578.2	580.5	580.5	580.5	580.5	581.6	583.8	581.6	580.5
180°	580.5	580.5	580.5	580.5	580.5	580.5	580.5	580.5	580.5	580.5	580.5

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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	1283.6	1283.6	1283.6	1283.6	1283.6	1283.6	1283.6	1283.6	1283.6	1283.6	1283.6
2.5°	1333.9	1334.9	1336.9	1346.7	1351.7	1352.7	1348.7	1357.6	1360.6	1357.6	1355.6
5°	1397.1	1403.0	1414.8	1427.6	1426.7	1427.6	1433.6	1439.5	1441.5	1433.6	1436.5
7.5°	1452.3	1464.1	1477.0	1496.7	1496.7	1506.6	1510.5	1515.5	1527.3	1521.4	1519.4
10°	1515.5	1531.2	1554.9	1586.5	1587.5	1597.3	1607.2	1623.0	1627.9	1624.0	1626.0
12.5°	1594.4	1625.0	1626.9	1661.5	1677.3	1679.2	1695.0	1692.1	1701.9	1701.9	1718.7
15°	1628.9	1676.3	1702.9	1736.5	1746.3	1734.5	1747.3	1761.1	1762.1	1762.1	1761.1
17.5°	1691.1	1709.8	1736.5	1754.2	1758.2	1758.2	1759.1	1765.1	1761.1	1753.2	1759.1
20°	1703.9	1711.8	1721.7	1719.7	1721.7	1711.8	1701.9	1692.1	1693.0	1688.1	1702.9
22.5°	1680.2	1678.2	1655.6	1640.8	1640.8	1621.0	1602.3	1593.4	1584.5	1587.5	1592.4
25°	1621.0	1590.4	1562.8	1541.1	1536.2	1504.6	1478.9	1471.1	1456.3	1468.1	1470.1
27.5°	1526.3	1491.8	1447.4	1428.6	1403.0	1390.1	1372.4	1348.7	1318.1	1335.9	1332.9
30°	1424.7	1373.4	1336.9	1291.5	1251.0	1248.1	1214.5	1175.1	1159.3	1159.3	1168.2
32.5°	1311.2	1243.1	1189.9	1125.7	1086.3	1069.5	1029.0	989.6	998.5	968.9	979.7
35°	1179.0	1089.2	1022.1	960.0	930.4	910.7	858.4	836.7	813.0	799.2	824.8
37.5°	1052.7	949.1	863.3	795.2	784.4	748.8	713.3	699.5	685.7	691.6	690.6
40°	898.8	807.1	730.1	676.8	658.1	641.3	617.6	600.9	592.0	596.9	597.9
42.5°	759.7	682.7	625.5	588.0	572.2	560.4	548.6	534.7	531.8	531.8	535.7
45°	652.2	589.0	550.5	519.9	511.1	502.2	493.3	487.4	485.4	481.5	484.4
47.5°	566.3	516.0	492.3	469.6	459.8	457.8	449.9	446.9	443.0	442.0	443.0
50°	494.3	462.7	441.0	428.2	421.3	418.3	414.4	408.5	406.5	411.4	409.4
52.5°	444.0	414.4	402.5	389.7	385.8	381.8	375.9	376.9	375.9	373.9	373.9
55°	393.7	374.9	363.1	353.2	352.2	348.3	343.3	341.4	340.4	338.4	341.4
57.5°	353.2	338.4	327.6	318.7	314.7	314.7	309.8	305.9	305.9	304.9	305.9
60°	312.8	298.0	291.1	282.2	279.2	278.2	275.3	273.3	270.3	270.3	270.3
62.5°	275.3	263.4	255.5	247.6	248.6	243.7	239.7	237.8	237.8	238.8	238.8
65°	239.7	231.9	222.0	215.1	213.1	212.1	210.2	209.2	206.2	208.2	208.2
67.5°	207.2	196.3	190.4	187.5	184.5	183.5	181.5	179.6	178.6	177.6	179.6
70°	174.6	165.8	160.8	158.8	155.9	154.9	153.9	151.0	151.9	152.9	153.9
72.5°	145.0	137.1	136.2	130.2	130.2	130.2	126.3	128.3	127.3	125.3	127.3
75°	114.4	110.5	108.5	105.6	106.6	105.6	104.6	101.6	101.6	102.6	103.6
77.5°	90.8	86.8	85.8	82.9	80.9	82.9	80.9	79.9	79.9	80.9	80.9
80°	67.1	65.1	62.2	62.2	62.2	61.2	61.2	61.2	60.2	59.2	60.2
82.5°	44.4	44.4	43.4	42.4	43.4	41.4	42.4	42.4	42.4	42.4	42.4
85°	28.6	27.6	27.6	26.6	26.6	26.6	27.6	25.7	25.7	26.6	26.6
87.5°	12.8	12.8	12.8	13.8	12.8	12.8	12.8	13.8	12.8	12.8	12.8
90°	36.8	35.7	33.5	35.7	36.2	36.8	36.8	36.8	36.8	36.8	36.8
92.5°	144.0	112.7	96.0	83.7	79.2	74.8	73.7	69.2	70.3	68.1	70.3
95°	382.9	292.5	224.4	177.5	165.2	152.9	138.4	129.5	126.1	127.3	126.1
97.5°	718.9	598.3	477.8	365.0	331.5	298.0	254.5	232.2	219.9	213.2	219.9
100°	1042.6	1019.1	880.7	727.8	660.2	592.7	500.1	452.1	419.7	399.6	419.7
102.5°	1163.1	1294.9	1290.4	1188.8	1116.2	1043.7	941.0	850.6	808.2	779.1	808.2
105°	1124.1	1356.2	1482.4	1496.9	1478.5	1460.1	1390.8	1321.6	1273.6	1258.0	1273.6
107.5°	1041.5	1290.4	1477.9	1587.3	1609.6	1632.0	1630.8	1620.8	1606.3	1580.6	1606.3
110°	964.4	1200.0	1399.8	1542.7	1588.4	1634.2	1682.2	1703.4	1713.4	1712.3	1713.4

TEST NUMBER: P1009245

CATALOG NUMBER: S122DIP-B675D1080UB50-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	910.9	1117.4	1307.1	1462.3	1516.4	1570.6	1642.0	1681.1	1702.3	1710.1	1702.3
115°	868.4	1052.6	1224.5	1370.8	1428.2	1485.7	1565.0	1616.3	1645.4	1655.4	1645.4
117.5°	839.4	999.0	1153.1	1289.3	1344.0	1398.7	1480.1	1534.8	1565.0	1572.8	1565.0
120°	817.1	961.1	1099.5	1217.8	1268.6	1319.4	1397.5	1450.0	1482.4	1493.5	1482.4
122.5°	798.1	931.0	1054.9	1165.4	1210.1	1254.7	1322.8	1374.1	1402.0	1410.9	1402.0
125°	780.3	901.9	1016.9	1115.1	1157.0	1198.9	1263.6	1306.0	1333.9	1342.8	1333.9
127.5°	763.5	872.9	979.0	1072.7	1111.8	1150.9	1207.8	1248.0	1272.5	1279.2	1272.5
130°	746.8	845.0	941.0	1029.2	1066.1	1102.9	1157.6	1195.5	1217.8	1226.8	1217.8
132.5°	733.4	818.2	905.3	984.5	1018.6	1052.6	1106.2	1144.2	1164.2	1172.1	1164.2
135°	721.1	793.7	867.3	941.0	972.2	1003.5	1051.5	1088.3	1108.4	1112.9	1108.4
137.5°	712.2	773.6	837.2	897.5	925.4	953.3	999.0	1031.4	1049.3	1056.0	1049.3
140°	704.4	754.6	808.2	859.5	884.0	908.6	944.3	973.4	990.1	996.8	990.1
142.5°	696.5	739.0	782.5	824.9	844.4	864.0	897.5	923.1	937.7	937.7	937.7
145°	689.8	724.4	761.3	795.9	812.1	828.3	855.0	874.0	885.2	888.5	885.2
147.5°	683.1	713.3	743.4	771.3	783.6	795.9	819.3	835.0	842.8	845.0	842.8
150°	674.2	701.0	725.6	749.0	759.0	769.1	785.8	799.2	805.9	807.0	805.9
152.5°	666.4	688.7	711.1	730.0	738.4	746.8	759.1	770.2	774.7	774.7	774.7
155°	656.4	677.6	695.4	712.2	718.3	724.4	736.7	744.5	749.0	746.8	749.0
157.5°	647.4	664.2	679.8	694.3	699.3	704.4	713.3	720.0	722.2	722.2	722.2
160°	637.4	651.9	664.2	676.4	680.3	684.3	692.1	697.7	698.8	698.8	698.8
162.5°	628.4	639.6	649.7	659.7	662.5	665.3	673.1	676.4	677.6	676.4	677.6
165°	618.4	627.3	635.1	643.0	645.2	647.4	651.9	656.4	656.4	655.2	656.4
167.5°	608.4	615.1	621.8	627.3	629.6	631.8	634.0	636.3	636.3	635.1	636.3
170°	600.5	606.1	609.5	613.9	615.0	616.2	617.3	620.6	619.5	617.3	619.5
172.5°	592.7	596.1	598.3	601.7	602.2	602.8	603.9	605.0	603.9	602.8	603.9
175°	586.0	589.4	590.5	591.6	592.2	592.7	592.7	593.8	592.7	590.5	592.7
177.5°	581.6	583.8	583.8	584.9	584.9	584.9	584.9	584.9	583.8	581.6	583.8
180°	580.5	580.5	580.5	580.5	580.5	580.5	580.5	580.5	580.5	580.5	580.5

TEST NUMBER: P1009245

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CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	1283.6	1283.6	1283.6	1283.6	1283.6	1283.6	1283.6	1283.6	1283.6	1283.6	1283.6
2.5°	1360.6	1353.6	1347.7	1348.7	1353.6	1349.7	1339.8	1327.0	1322.1	1316.2	1322.1
5°	1442.4	1436.5	1424.7	1425.7	1422.7	1418.8	1403.0	1383.2	1383.2	1367.5	1365.5
7.5°	1523.3	1514.5	1506.6	1504.6	1493.7	1485.9	1472.0	1444.4	1433.6	1414.8	1404.0
10°	1614.1	1607.2	1598.3	1587.5	1581.6	1567.7	1545.0	1504.6	1484.9	1459.2	1440.5
12.5°	1705.9	1704.9	1685.1	1663.4	1662.5	1640.8	1625.0	1570.7	1544.1	1509.5	1465.1
15°	1764.1	1759.1	1748.3	1737.4	1740.4	1716.7	1681.2	1617.1	1599.3	1557.9	1510.5
17.5°	1763.1	1763.1	1760.1	1758.2	1755.2	1748.3	1728.6	1686.1	1657.5	1605.2	1560.8
20°	1706.9	1719.7	1722.6	1721.7	1731.5	1736.5	1735.5	1708.8	1686.1	1639.8	1594.4
22.5°	1594.4	1624.0	1636.8	1644.7	1665.4	1676.3	1701.9	1692.1	1686.1	1651.6	1613.1
25°	1489.8	1499.7	1538.1	1540.1	1568.7	1595.4	1621.0	1637.8	1659.5	1646.7	1614.1
27.5°	1354.6	1377.3	1404.9	1425.7	1431.6	1485.9	1528.3	1559.8	1609.2	1613.1	1602.3
30°	1201.7	1212.6	1257.9	1285.6	1317.1	1356.6	1417.8	1472.0	1516.4	1556.9	1570.7
32.5°	1015.2	1059.6	1086.3	1119.8	1147.4	1217.5	1292.5	1362.5	1413.8	1481.9	1511.5
35°	844.5	879.1	924.5	938.3	988.6	1047.8	1145.5	1235.2	1313.2	1382.3	1442.4
37.5°	703.5	731.1	779.4	801.1	830.7	906.7	988.6	1100.1	1193.8	1278.7	1353.6
40°	606.8	627.5	664.0	670.9	695.6	764.6	830.7	935.3	1059.6	1174.1	1256.0
42.5°	540.7	550.5	575.2	584.1	599.9	646.2	705.4	804.1	919.5	1037.9	1153.4
45°	493.3	500.2	515.0	522.9	542.6	563.4	611.7	690.6	781.4	900.8	1025.1
47.5°	450.9	459.8	465.7	470.6	481.5	504.2	535.7	593.9	680.8	790.3	910.7
50°	415.4	418.3	429.2	430.2	437.1	451.9	481.5	517.0	586.1	674.8	791.3
52.5°	379.8	382.8	389.7	396.6	399.6	411.4	431.2	460.8	512.1	582.1	685.7
55°	344.3	348.3	355.2	360.1	363.1	372.9	384.8	413.4	453.8	503.2	588.0
57.5°	308.8	317.7	319.7	322.6	327.6	338.4	349.3	366.0	397.6	443.0	505.2
60°	275.3	278.2	285.1	288.1	293.0	298.9	312.8	325.6	348.3	383.8	440.0
62.5°	240.7	247.6	250.6	253.6	257.5	264.4	273.3	287.1	306.8	335.5	379.8
65°	211.1	212.1	218.0	222.0	225.9	230.9	239.7	252.6	264.4	291.1	323.6
67.5°	182.5	184.5	186.5	190.4	195.4	200.3	208.2	215.1	229.9	247.6	273.3
70°	154.9	154.9	159.8	162.8	161.8	167.7	173.6	181.5	192.4	209.2	229.9
72.5°	130.2	129.2	133.2	134.2	136.2	140.1	144.0	151.9	157.9	170.7	186.5
75°	103.6	105.6	107.5	107.5	110.5	113.5	117.4	121.4	128.3	136.2	148.0
77.5°	81.9	81.9	83.9	84.8	87.8	86.8	90.8	94.7	99.6	106.6	115.4
80°	60.2	62.2	62.2	62.2	63.1	64.1	68.1	71.0	74.0	78.9	82.9
82.5°	42.4	42.4	44.4	44.4	44.4	46.4	46.4	47.4	49.3	52.3	55.3
85°	26.6	26.6	26.6	27.6	26.6	27.6	29.6	28.6	29.6	31.6	31.6
87.5°	12.8	12.8	12.8	12.8	12.8	13.8	12.8	13.8	14.8	14.8	14.8
90°	36.8	36.8	36.8	36.2	35.7	33.5	35.7	36.8	38.0	36.8	30.1
92.5°	69.2	73.7	74.8	79.2	83.7	96.0	112.7	144.0	171.9	169.7	131.7
95°	129.5	138.4	152.9	165.2	177.5	224.4	292.5	382.9	437.6	387.3	257.9
97.5°	232.2	254.5	298.0	331.5	365.0	477.8	598.3	718.9	713.3	551.4	342.7
100°	452.1	500.1	592.7	660.2	727.8	880.7	1019.1	1042.6	881.8	607.2	366.1
102.5°	850.6	941.0	1043.7	1116.2	1188.8	1290.4	1294.9	1163.1	887.4	586.0	367.2
105°	1321.6	1390.8	1460.1	1478.5	1496.9	1482.4	1356.2	1124.1	827.1	557.0	372.8
107.5°	1620.8	1630.8	1632.0	1609.6	1587.3	1477.9	1290.4	1041.5	771.3	541.4	385.1
110°	1703.4	1682.2	1634.2	1588.4	1542.7	1399.8	1200.0	964.4	733.4	536.9	400.7

TEST NUMBER: P1009245

CATALOG NUMBER: S122DIP-B675D1080UB50-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	1681.1	1642.0	1570.6	1516.4	1462.3	1307.1	1117.4	910.9	708.8	538.0	417.5
115°	1616.3	1565.0	1485.7	1428.2	1370.8	1224.5	1052.6	868.4	692.1	542.5	434.2
117.5°	1534.8	1480.1	1398.7	1344.0	1289.3	1153.1	999.0	839.4	683.1	549.2	452.1
120°	1450.0	1397.5	1319.4	1268.6	1217.8	1099.5	961.1	817.1	675.3	555.9	469.9
122.5°	1374.1	1322.8	1254.7	1210.1	1165.4	1054.9	931.0	798.1	670.9	563.7	485.6
125°	1306.0	1263.6	1198.9	1157.0	1115.1	1016.9	901.9	780.3	665.3	571.5	502.3
127.5°	1248.0	1207.8	1150.9	1111.8	1072.7	979.0	872.9	763.5	661.9	579.3	517.9
130°	1195.5	1157.6	1102.9	1066.1	1029.2	941.0	845.0	746.8	659.7	588.3	532.5
132.5°	1144.2	1106.2	1052.6	1018.6	984.5	905.3	818.2	733.4	658.6	597.2	547.0
135°	1088.3	1051.5	1003.5	972.2	941.0	867.3	793.7	721.1	657.5	603.9	559.2
137.5°	1031.4	999.0	953.3	925.4	897.5	837.2	773.6	712.2	657.5	610.6	569.3
140°	973.4	944.3	908.6	884.0	859.5	808.2	754.6	704.4	656.4	615.1	577.1
142.5°	923.1	897.5	864.0	844.4	824.9	782.5	739.0	696.5	656.4	618.4	583.8
145°	874.0	855.0	828.3	812.1	795.9	761.3	724.4	689.8	654.1	620.6	589.4
147.5°	835.0	819.3	795.9	783.6	771.3	743.4	713.3	683.1	650.8	621.8	592.7
150°	799.2	785.8	769.1	759.0	749.0	725.6	701.0	674.2	647.4	620.6	595.0
152.5°	770.2	759.1	746.8	738.4	730.0	711.1	688.7	666.4	641.8	618.4	596.1
155°	744.5	736.7	724.4	718.3	712.2	695.4	677.6	656.4	635.1	616.2	597.2
157.5°	720.0	713.3	704.4	699.3	694.3	679.8	664.2	647.4	628.4	611.7	597.2
160°	697.7	692.1	684.3	680.3	676.4	664.2	651.9	637.4	621.8	608.4	597.2
162.5°	676.4	673.1	665.3	662.5	659.7	649.7	639.6	628.4	616.2	605.0	596.1
165°	656.4	651.9	647.4	645.2	643.0	635.1	627.3	618.4	608.4	600.5	593.8
167.5°	636.3	634.0	631.8	629.6	627.3	621.8	615.1	608.4	601.7	596.1	592.7
170°	620.6	617.3	616.2	615.0	613.9	609.5	606.1	600.5	596.1	592.7	590.5
172.5°	605.0	603.9	602.8	602.2	601.7	598.3	596.1	592.7	589.4	588.3	587.1
175°	593.8	592.7	592.7	592.2	591.6	590.5	589.4	586.0	584.9	583.8	584.9
177.5°	584.9	584.9	584.9	584.9	584.9	583.8	583.8	581.6	580.5	581.6	583.8
180°	580.5	580.5	580.5	580.5	580.5	580.5	580.5	580.5	580.5	580.5	580.5

TEST NUMBER: P1009245

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CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
0°	1283.6	1283.6	1283.6	1283.6	1283.6	1283.6	1283.6	1283.6	1283.6	1283.6	1283.6
2.5°	1317.1	1312.2	1309.2	1311.2	1305.3	1290.5	1290.5	1295.4	1289.5	1283.6	1274.7
5°	1353.6	1343.8	1337.9	1336.9	1323.1	1299.4	1294.4	1289.5	1276.7	1262.9	1248.1
7.5°	1389.2	1371.4	1361.5	1354.6	1334.9	1304.3	1291.5	1280.6	1259.9	1239.2	1220.5
10°	1418.8	1393.1	1381.3	1370.4	1344.8	1306.3	1285.6	1265.8	1239.2	1212.6	1188.9
12.5°	1442.4	1412.8	1398.0	1382.3	1350.7	1300.4	1274.7	1243.1	1216.5	1181.0	1157.3
15°	1481.9	1420.7	1406.9	1392.1	1359.6	1290.5	1258.9	1223.4	1186.9	1139.5	1113.9
17.5°	1513.5	1431.6	1430.6	1399.0	1356.6	1286.6	1238.2	1191.8	1152.4	1105.0	1064.6
20°	1532.2	1448.4	1432.6	1400.0	1346.7	1259.9	1209.6	1158.3	1115.9	1058.6	1018.2
22.5°	1548.0	1472.0	1430.6	1391.1	1326.0	1251.0	1177.0	1128.7	1070.5	1008.3	969.8
25°	1553.9	1477.0	1433.6	1388.2	1311.2	1225.4	1141.5	1089.2	1024.1	967.9	915.6
27.5°	1554.9	1476.0	1422.7	1375.4	1290.5	1191.8	1106.0	1050.8	978.7	913.6	861.3
30°	1545.0	1465.1	1416.8	1365.5	1270.8	1161.3	1062.6	1001.4	924.5	859.3	805.1
32.5°	1515.5	1443.4	1404.0	1347.7	1245.1	1118.8	1021.2	953.1	872.2	808.0	755.8
35°	1466.1	1416.8	1373.4	1321.1	1211.6	1079.4	979.7	899.8	817.9	756.7	707.4
37.5°	1404.9	1378.3	1337.9	1286.6	1173.1	1043.8	933.3	844.5	762.7	703.5	655.1
40°	1322.1	1329.0	1289.5	1243.1	1127.7	995.5	873.2	788.3	711.4	656.1	608.7
42.5°	1232.3	1260.9	1238.2	1193.8	1077.4	942.2	828.8	735.0	660.0	602.8	563.4
45°	1135.6	1184.9	1171.1	1138.6	1025.1	886.0	765.6	674.8	608.7	553.5	519.0
47.5°	1030.0	1100.1	1100.1	1076.4	966.9	829.7	711.4	618.6	553.5	514.0	480.5
50°	922.5	1001.4	1014.2	998.5	901.8	765.6	645.3	561.4	505.2	466.7	442.0
52.5°	810.0	901.8	925.5	917.6	832.7	704.4	591.0	509.1	457.8	424.2	402.5
55°	702.5	809.0	834.7	837.6	758.7	637.4	530.8	458.8	409.4	386.8	368.0
57.5°	600.9	703.5	732.1	737.0	683.7	576.2	474.6	411.4	367.0	348.3	333.5
60°	514.0	599.9	637.4	648.2	601.8	505.2	422.3	361.1	327.6	309.8	296.0
62.5°	443.0	512.1	551.5	554.5	533.8	443.0	368.0	316.7	288.1	272.3	265.4
65°	373.9	436.1	459.8	471.6	454.8	383.8	317.7	275.3	252.6	238.8	231.9
67.5°	318.7	358.1	377.9	393.7	376.9	323.6	270.3	235.8	219.0	205.2	201.3
70°	261.5	294.0	308.8	324.6	309.8	269.3	230.9	199.3	184.5	173.6	168.7
72.5°	209.2	234.8	248.6	258.5	249.6	216.1	184.5	162.8	151.9	144.0	141.1
75°	165.8	183.5	191.4	198.3	194.4	168.7	149.0	131.2	121.4	114.4	112.5
77.5°	126.3	139.1	148.0	150.0	145.0	128.3	111.5	100.6	92.7	88.8	86.8
80°	89.8	97.7	102.6	105.6	100.6	93.7	81.9	74.0	67.1	62.2	61.2
82.5°	60.2	64.1	68.1	67.1	65.1	59.2	52.3	48.3	45.4	41.4	41.4
85°	34.5	35.5	37.5	38.5	37.5	33.5	29.6	27.6	25.7	22.7	22.7
87.5°	14.8	15.8	15.8	16.8	14.8	14.8	12.8	10.9	10.9	9.9	8.9
90°	22.3	16.7	15.0	13.4	11.2	8.9	4.5	1.1	4.5	8.9	11.2
92.5°	89.3	59.2	53.0	46.9	38.0	32.4	23.4	16.7	23.4	32.4	38.0
95°	160.7	109.4	96.0	82.6	64.7	54.7	43.5	39.1	43.5	54.7	64.7
97.5°	207.6	141.8	126.7	111.6	91.5	77.0	64.7	58.0	64.7	77.0	91.5
100°	229.9	170.8	155.2	139.5	117.2	99.3	89.3	86.0	89.3	99.3	117.2
102.5°	250.0	196.5	180.8	165.2	141.8	123.9	113.9	111.6	113.9	123.9	141.8
105°	273.5	221.0	205.4	189.8	165.2	148.5	140.6	136.2	140.6	148.5	165.2
107.5°	296.9	245.6	230.0	214.3	189.8	174.1	166.3	163.0	166.3	174.1	189.8
110°	320.4	271.2	255.0	238.9	215.4	200.9	194.2	189.8	194.2	200.9	215.4

TEST NUMBER: P1009245

CATALOG NUMBER: S122DIP-B675D1080UB50-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
112.5°	342.7	295.8	279.0	262.3	240.0	226.6	218.8	214.3	218.8	226.6	240.0
115°	366.1	318.1	303.0	288.0	265.7	252.3	245.6	240.0	245.6	252.3	265.7
117.5°	387.3	342.7	327.0	311.4	290.2	277.9	271.2	266.8	271.2	277.9	290.2
120°	409.7	366.1	350.5	334.9	312.6	302.5	295.8	291.3	295.8	302.5	312.6
122.5°	430.9	390.7	374.5	358.3	336.0	324.8	318.1	314.8	318.1	324.8	336.0
125°	452.1	411.9	396.2	380.6	358.3	344.9	338.2	334.9	338.2	344.9	358.3
127.5°	472.2	433.1	416.9	400.7	379.5	365.0	356.1	351.6	356.1	365.0	379.5
130°	490.0	451.0	435.4	419.7	397.4	381.8	370.6	366.1	370.6	381.8	397.4
132.5°	505.7	468.8	453.2	437.6	414.1	397.4	385.1	379.5	385.1	397.4	414.1
135°	520.2	484.5	468.8	453.2	427.5	410.8	397.4	392.9	397.4	410.8	427.5
137.5°	532.5	496.7	482.2	467.7	442.0	424.2	410.8	405.2	410.8	424.2	442.0
140°	542.5	509.0	494.5	480.0	455.4	437.6	424.2	419.7	424.2	437.6	455.4
142.5°	550.3	517.9	504.6	491.2	467.7	449.8	437.6	434.2	437.6	449.8	467.7
145°	558.1	528.0	515.7	503.4	481.1	464.4	453.2	448.7	453.2	464.4	481.1
147.5°	564.8	535.8	524.6	513.5	494.5	478.9	467.7	464.4	467.7	478.9	494.5
150°	569.3	543.6	533.6	523.5	506.8	492.3	483.3	480.0	483.3	492.3	506.8
152.5°	573.8	551.4	542.5	533.6	517.9	505.7	496.7	495.6	496.7	505.7	517.9
155°	578.2	559.2	550.8	542.5	530.2	517.9	511.2	510.1	511.2	517.9	530.2
157.5°	581.6	564.8	557.6	550.3	540.3	529.1	523.5	522.4	523.5	529.1	540.3
160°	583.8	570.4	564.2	558.1	549.2	540.3	535.8	534.7	535.8	540.3	549.2
162.5°	584.9	573.8	569.3	564.8	557.0	550.3	545.8	547.0	545.8	550.3	557.0
165°	586.0	576.0	572.6	569.3	563.7	557.0	554.8	555.9	554.8	557.0	563.7
167.5°	586.0	578.2	576.0	573.8	569.3	564.8	562.6	563.7	562.6	564.8	569.3
170°	584.9	579.3	577.6	576.0	573.8	570.4	569.3	571.5	569.3	570.4	573.8
172.5°	583.8	580.5	579.4	578.2	577.1	573.8	574.9	576.0	574.9	573.8	577.1
175°	582.7	580.5	579.9	579.3	579.3	577.1	578.2	579.3	578.2	577.1	579.3
177.5°	581.6	580.5	580.5	580.5	580.5	578.2	579.3	581.6	579.3	578.2	580.5
180°	580.5	580.5	580.5	580.5	580.5	580.5	580.5	580.5	580.5	580.5	580.5

TEST NUMBER: P1009245

CATALOG NUMBER: S122DIP-B675D1080UB50-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
0°	1283.6	1283.6	1283.6	1283.6	1283.6	1283.6	1283.6	1283.6	1283.6	1283.6	1283.6
2.5°	1269.8	1274.7	1273.7	1263.9	1253.0	1244.1	1227.4	1229.3	1223.4	1224.4	1230.3
5°	1238.2	1238.2	1234.3	1220.5	1202.7	1192.8	1174.1	1169.1	1157.3	1156.3	1155.3
7.5°	1204.7	1199.7	1194.8	1175.1	1153.4	1137.6	1111.9	1106.0	1094.2	1086.3	1082.3
10°	1165.2	1158.3	1148.4	1125.7	1099.1	1079.4	1052.7	1044.8	1022.1	1012.3	1006.4
12.5°	1121.8	1117.8	1102.1	1083.3	1039.9	1018.2	979.7	987.6	964.9	945.2	942.2
15°	1078.4	1063.6	1054.7	1024.1	971.8	962.0	931.4	915.6	894.9	879.1	879.1
17.5°	1036.0	1013.3	993.5	961.0	922.5	894.9	872.2	864.3	838.6	822.8	819.9
20°	979.7	954.1	949.1	902.8	876.1	845.5	823.8	804.1	785.4	778.4	773.5
22.5°	926.4	896.8	888.9	849.5	822.8	792.3	770.6	756.7	742.9	738.0	729.1
25°	869.2	851.5	839.6	797.2	767.6	739.0	724.2	714.3	701.5	700.5	694.6
27.5°	814.0	797.2	785.4	744.9	723.2	696.6	684.7	673.9	667.0	664.0	661.0
30°	766.6	747.9	734.0	704.4	677.8	656.1	646.2	639.3	635.4	630.5	629.5
32.5°	714.3	703.5	684.7	662.0	641.3	620.6	614.7	609.7	603.8	601.8	600.9
35°	669.9	655.1	643.3	617.6	608.7	591.0	584.1	580.1	572.2	570.3	568.3
37.5°	626.5	612.7	599.9	584.1	567.3	557.4	553.5	547.6	543.6	544.6	542.6
40°	583.1	572.2	562.4	545.6	535.7	530.8	522.9	517.0	515.0	516.0	515.0
42.5°	540.7	530.8	524.9	512.1	502.2	497.3	492.3	486.4	489.4	489.4	492.3
45°	502.2	493.3	489.4	479.5	473.6	465.7	460.8	459.8	463.7	462.7	462.7
47.5°	462.7	459.8	454.8	446.0	438.1	433.1	432.1	432.1	436.1	438.1	437.1
50°	432.1	426.2	420.3	413.4	407.5	405.5	402.5	404.5	408.5	408.5	410.4
52.5°	393.7	389.7	387.7	381.8	377.9	377.9	377.9	378.9	381.8	384.8	383.8
55°	360.1	357.2	355.2	352.2	347.3	348.3	347.3	349.3	352.2	355.2	357.2
57.5°	324.6	323.6	321.6	316.7	316.7	315.7	318.7	319.7	324.6	326.6	329.5
60°	293.0	290.1	290.1	286.1	286.1	286.1	289.1	292.0	296.0	297.0	298.9
62.5°	259.5	259.5	258.5	255.5	255.5	258.5	259.5	263.4	265.4	265.4	268.4
65°	227.9	226.9	225.9	226.9	227.9	227.9	230.9	232.8	234.8	235.8	236.8
67.5°	196.3	195.4	197.3	196.3	198.3	202.3	201.3	204.2	207.2	207.2	208.2
70°	166.7	168.7	167.7	169.7	168.7	170.7	173.6	174.6	174.6	175.6	178.6
72.5°	139.1	139.1	139.1	138.1	139.1	141.1	143.1	144.0	146.0	147.0	150.0
75°	112.5	112.5	110.5	112.5	112.5	114.4	116.4	116.4	116.4	118.4	121.4
77.5°	84.8	85.8	84.8	86.8	86.8	87.8	89.8	88.8	90.8	91.8	92.7
80°	62.2	61.2	61.2	61.2	62.2	62.2	64.1	65.1	65.1	68.1	66.1
82.5°	39.5	40.5	39.5	40.5	40.5	41.4	40.5	41.4	42.4	44.4	43.4
85°	22.7	21.7	21.7	22.7	21.7	21.7	22.7	21.7	22.7	21.7	22.7
87.5°	8.9	7.9	7.9	7.9	7.9	6.9	6.9	5.9	5.9	5.9	4.9
90°	13.4	15.0	16.7	22.3	30.1	36.8	38.0	36.8	35.7	33.5	35.7
92.5°	46.9	53.0	59.2	89.3	131.7	169.7	171.9	144.0	112.7	96.0	83.7
95°	82.6	96.0	109.4	160.7	257.9	387.3	437.6	382.9	292.5	224.4	177.5
97.5°	111.6	126.7	141.8	207.6	342.7	551.4	713.3	718.9	598.3	477.8	365.0
100°	139.5	155.2	170.8	229.9	366.1	607.2	881.8	1042.6	1019.1	880.7	727.8
102.5°	165.2	180.8	196.5	250.0	367.2	586.0	887.4	1163.1	1294.9	1290.4	1188.8
105°	189.8	205.4	221.0	273.5	372.8	557.0	827.1	1124.1	1356.2	1482.4	1496.9
107.5°	214.3	230.0	245.6	296.9	385.1	541.4	771.3	1041.5	1290.4	1477.9	1587.3
110°	238.9	255.0	271.2	320.4	400.7	536.9	733.4	964.4	1200.0	1399.8	1542.7

TEST NUMBER: P1009245

CATALOG NUMBER: S122DIP-B675D1080UB50-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
112.5°	262.3	279.0	295.8	342.7	417.5	538.0	708.8	910.9	1117.4	1307.1	1462.3
115°	288.0	303.0	318.1	366.1	434.2	542.5	692.1	868.4	1052.6	1224.5	1370.8
117.5°	311.4	327.0	342.7	387.3	452.1	549.2	683.1	839.4	999.0	1153.1	1289.3
120°	334.9	350.5	366.1	409.7	469.9	555.9	675.3	817.1	961.1	1099.5	1217.8
122.5°	358.3	374.5	390.7	430.9	485.6	563.7	670.9	798.1	931.0	1054.9	1165.4
125°	380.6	396.2	411.9	452.1	502.3	571.5	665.3	780.3	901.9	1016.9	1115.1
127.5°	400.7	416.9	433.1	472.2	517.9	579.3	661.9	763.5	872.9	979.0	1072.7
130°	419.7	435.4	451.0	490.0	532.5	588.3	659.7	746.8	845.0	941.0	1029.2
132.5°	437.6	453.2	468.8	505.7	547.0	597.2	658.6	733.4	818.2	905.3	984.5
135°	453.2	468.8	484.5	520.2	559.2	603.9	657.5	721.1	793.7	867.3	941.0
137.5°	467.7	482.2	496.7	532.5	569.3	610.6	657.5	712.2	773.6	837.2	897.5
140°	480.0	494.5	509.0	542.5	577.1	615.1	656.4	704.4	754.6	808.2	859.5
142.5°	491.2	504.6	517.9	550.3	583.8	618.4	656.4	696.5	739.0	782.5	824.9
145°	503.4	515.7	528.0	558.1	589.4	620.6	654.1	689.8	724.4	761.3	795.9
147.5°	513.5	524.6	535.8	564.8	592.7	621.8	650.8	683.1	713.3	743.4	771.3
150°	523.5	533.6	543.6	569.3	595.0	620.6	647.4	674.2	701.0	725.6	749.0
152.5°	533.6	542.5	551.4	573.8	596.1	618.4	641.8	666.4	688.7	711.1	730.0
155°	542.5	550.8	559.2	578.2	597.2	616.2	635.1	656.4	677.6	695.4	712.2
157.5°	550.3	557.6	564.8	581.6	597.2	611.7	628.4	647.4	664.2	679.8	694.3
160°	558.1	564.2	570.4	583.8	597.2	608.4	621.8	637.4	651.9	664.2	676.4
162.5°	564.8	569.3	573.8	584.9	596.1	605.0	616.2	628.4	639.6	649.7	659.7
165°	569.3	572.6	576.0	586.0	593.8	600.5	608.4	618.4	627.3	635.1	643.0
167.5°	573.8	576.0	578.2	586.0	592.7	596.1	601.7	608.4	615.1	621.8	627.3
170°	576.0	577.6	579.3	584.9	590.5	592.7	596.1	600.5	606.1	609.5	613.9
172.5°	578.2	579.4	580.5	583.8	587.1	588.3	589.4	592.7	596.1	598.3	601.7
175°	579.3	579.9	580.5	582.7	584.9	583.8	584.9	586.0	589.4	590.5	591.6
177.5°	580.5	580.5	580.5	581.6	583.8	581.6	580.5	581.6	583.8	583.8	584.9
180°	580.5	580.5	580.5	580.5	580.5	580.5	580.5	580.5	580.5	580.5	580.5

TEST NUMBER: P1009245

CATALOG NUMBER: S122DIP-B675D1080UB50-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
0°	1283.6	1283.6	1283.6	1283.6	1283.6	1283.6	1283.6	1283.6	1283.6	1283.6	1283.6
2.5°	1223.4	1226.4	1219.5	1217.5	1219.5	1212.6	1214.5	1216.5	1216.5	1219.5	1221.4
5°	1152.4	1148.4	1141.5	1139.5	1137.6	1140.5	1138.6	1141.5	1142.5	1149.4	1150.4
7.5°	1082.3	1076.4	1070.5	1064.6	1062.6	1057.7	1062.6	1062.6	1069.5	1067.5	1072.5
10°	999.4	998.5	990.6	987.6	983.7	975.8	986.6	983.7	988.6	997.5	999.4
12.5°	938.3	927.4	932.4	918.5	923.5	915.6	916.6	916.6	924.5	925.5	923.5
15°	880.1	871.2	858.4	852.4	849.5	845.5	858.4	859.3	853.4	867.2	862.3
17.5°	820.9	820.9	809.0	806.1	798.2	802.1	800.1	801.1	799.2	809.0	814.0
20°	769.6	764.6	760.7	761.7	751.8	749.8	747.9	749.8	756.7	763.6	765.6
22.5°	728.1	725.2	715.3	717.3	709.4	712.3	710.4	715.3	716.3	716.3	723.2
25°	688.7	684.7	685.7	681.8	678.8	678.8	675.8	678.8	682.7	684.7	685.7
27.5°	659.1	656.1	651.2	648.2	650.2	645.3	649.2	652.2	652.2	650.2	652.2
30°	623.5	625.5	625.5	615.7	619.6	617.6	620.6	622.6	622.6	623.5	621.6
32.5°	599.9	593.9	593.0	592.0	592.0	588.0	588.0	591.0	592.0	593.0	595.9
35°	568.3	568.3	563.4	566.3	562.4	563.4	562.4	563.4	565.3	562.4	565.3
37.5°	539.7	540.7	538.7	540.7	541.7	539.7	537.7	541.7	539.7	539.7	537.7
40°	515.0	514.0	515.0	515.0	515.0	516.0	514.0	514.0	514.0	512.1	510.1
42.5°	494.3	488.4	490.4	491.3	488.4	488.4	489.4	488.4	491.3	485.4	485.4
45°	464.7	462.7	463.7	463.7	465.7	462.7	464.7	465.7	462.7	461.7	459.8
47.5°	438.1	440.0	438.1	440.0	440.0	442.0	438.1	439.0	440.0	436.1	433.1
50°	411.4	411.4	414.4	413.4	414.4	412.4	412.4	411.4	412.4	410.4	407.5
52.5°	386.8	383.8	388.7	387.7	386.8	385.8	384.8	385.8	383.8	381.8	381.8
55°	356.2	356.2	359.1	360.1	360.1	358.1	356.2	357.2	356.2	355.2	354.2
57.5°	331.5	327.6	329.5	330.5	330.5	327.6	329.5	327.6	327.6	328.5	325.6
60°	299.9	299.9	298.0	300.9	300.9	298.9	298.9	299.9	298.0	297.0	296.0
62.5°	266.4	267.4	270.3	271.3	272.3	270.3	268.4	269.3	269.3	266.4	267.4
65°	237.8	239.7	243.7	242.7	240.7	241.7	239.7	240.7	237.8	238.8	235.8
67.5°	210.2	209.2	210.2	210.2	212.1	211.1	209.2	209.2	208.2	211.1	208.2
70°	180.6	180.6	180.6	180.6	181.5	182.5	180.6	178.6	179.6	177.6	176.6
72.5°	150.0	151.0	150.0	151.9	149.0	151.0	151.0	150.0	149.0	149.0	149.0
75°	121.4	123.3	120.4	121.4	120.4	122.3	121.4	121.4	119.4	118.4	119.4
77.5°	92.7	93.7	91.8	92.7	91.8	92.7	92.7	91.8	91.8	91.8	91.8
80°	66.1	67.1	66.1	65.1	64.1	66.1	64.1	65.1	66.1	65.1	67.1
82.5°	42.4	42.4	41.4	42.4	40.5	40.5	41.4	41.4	40.5	42.4	40.5
85°	20.7	20.7	22.7	20.7	19.7	19.7	19.7	20.7	19.7	21.7	20.7
87.5°	4.9	3.9	4.9	4.9	3.9	3.9	4.9	3.9	4.9	5.9	3.9
90°	36.2	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.2
92.5°	79.2	74.8	73.7	69.2	70.3	68.1	70.3	69.2	73.7	74.8	79.2
95°	165.2	152.9	138.4	129.5	126.1	127.3	126.1	129.5	138.4	152.9	165.2
97.5°	331.5	298.0	254.5	232.2	219.9	213.2	219.9	232.2	254.5	298.0	331.5
100°	660.2	592.7	500.1	452.1	419.7	399.6	419.7	452.1	500.1	592.7	660.2
102.5°	1116.2	1043.7	941.0	850.6	808.2	779.1	808.2	850.6	941.0	1043.7	1116.2
105°	1478.5	1460.1	1390.8	1321.6	1273.6	1258.0	1273.6	1321.6	1390.8	1460.1	1478.5
107.5°	1609.6	1632.0	1630.8	1620.8	1606.3	1580.6	1606.3	1620.8	1630.8	1632.0	1609.6
110°	1588.4	1634.2	1682.2	1703.4	1713.4	1712.3	1713.4	1703.4	1682.2	1634.2	1588.4

TEST NUMBER: P1009245

CATALOG NUMBER: S122DIP-B675D1080UB50-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
112.5°	1516.4	1570.6	1642.0	1681.1	1702.3	1710.1	1702.3	1681.1	1642.0	1570.6	1516.4
115°	1428.2	1485.7	1565.0	1616.3	1645.4	1655.4	1645.4	1616.3	1565.0	1485.7	1428.2
117.5°	1344.0	1398.7	1480.1	1534.8	1565.0	1572.8	1565.0	1534.8	1480.1	1398.7	1344.0
120°	1268.6	1319.4	1397.5	1450.0	1482.4	1493.5	1482.4	1450.0	1397.5	1319.4	1268.6
122.5°	1210.1	1254.7	1322.8	1374.1	1402.0	1410.9	1402.0	1374.1	1322.8	1254.7	1210.1
125°	1157.0	1198.9	1263.6	1306.0	1333.9	1342.8	1333.9	1306.0	1263.6	1198.9	1157.0
127.5°	1111.8	1150.9	1207.8	1248.0	1272.5	1279.2	1272.5	1248.0	1207.8	1150.9	1111.8
130°	1066.1	1102.9	1157.6	1195.5	1217.8	1226.8	1217.8	1195.5	1157.6	1102.9	1066.1
132.5°	1018.6	1052.6	1106.2	1144.2	1164.2	1172.1	1164.2	1144.2	1106.2	1052.6	1018.6
135°	972.2	1003.5	1051.5	1088.3	1108.4	1112.9	1108.4	1088.3	1051.5	1003.5	972.2
137.5°	925.4	953.3	999.0	1031.4	1049.3	1056.0	1049.3	1031.4	999.0	953.3	925.4
140°	884.0	908.6	944.3	973.4	990.1	996.8	990.1	973.4	944.3	908.6	884.0
142.5°	844.4	864.0	897.5	923.1	937.7	937.7	937.7	923.1	897.5	864.0	844.4
145°	812.1	828.3	855.0	874.0	885.2	888.5	885.2	874.0	855.0	828.3	812.1
147.5°	783.6	795.9	819.3	835.0	842.8	845.0	842.8	835.0	819.3	795.9	783.6
150°	759.0	769.1	785.8	799.2	805.9	807.0	805.9	799.2	785.8	769.1	759.0
152.5°	738.4	746.8	759.1	770.2	774.7	774.7	774.7	770.2	759.1	746.8	738.4
155°	718.3	724.4	736.7	744.5	749.0	746.8	749.0	744.5	736.7	724.4	718.3
157.5°	699.3	704.4	713.3	720.0	722.2	722.2	722.2	720.0	713.3	704.4	699.3
160°	680.3	684.3	692.1	697.7	698.8	698.8	698.8	697.7	692.1	684.3	680.3
162.5°	662.5	665.3	673.1	676.4	677.6	676.4	677.6	676.4	673.1	665.3	662.5
165°	645.2	647.4	651.9	656.4	656.4	655.2	656.4	656.4	651.9	647.4	645.2
167.5°	629.6	631.8	634.0	636.3	636.3	635.1	636.3	636.3	634.0	631.8	629.6
170°	615.0	616.2	617.3	620.6	619.5	617.3	619.5	620.6	617.3	616.2	615.0
172.5°	602.2	602.8	603.9	605.0	603.9	602.8	603.9	605.0	603.9	602.8	602.2
175°	592.2	592.7	592.7	593.8	592.7	590.5	592.7	593.8	592.7	592.7	592.2
177.5°	584.9	584.9	584.9	584.9	583.8	581.6	583.8	584.9	584.9	584.9	584.9
180°	580.5	580.5	580.5	580.5	580.5	580.5	580.5	580.5	580.5	580.5	580.5

TEST NUMBER: P1009245

CATALOG NUMBER: S122DIP-B675D1080UB50-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
0°	1283.6	1283.6	1283.6	1283.6	1283.6	1283.6	1283.6	1283.6	1283.6	1283.6	1283.6
2.5°	1218.5	1226.4	1223.4	1212.6	1225.4	1225.4	1234.3	1234.3	1245.1	1249.1	1255.0
5°	1149.4	1155.3	1160.3	1155.3	1164.2	1178.0	1185.9	1192.8	1207.6	1213.5	1222.4
7.5°	1075.4	1086.3	1091.2	1091.2	1106.0	1121.8	1137.6	1147.4	1168.2	1176.1	1184.9
10°	1003.4	1016.2	1026.1	1025.1	1049.8	1059.6	1079.4	1102.1	1122.8	1134.6	1147.4
12.5°	927.4	934.3	948.1	967.9	973.8	991.6	1014.2	1042.9	1080.4	1091.2	1109.9
15°	864.3	883.0	893.9	902.8	916.6	933.3	958.0	985.6	1023.1	1046.8	1066.5
17.5°	811.0	835.7	842.6	840.6	858.4	884.0	912.6	933.3	966.9	995.5	1014.2
20°	767.6	777.5	789.3	794.2	808.0	835.7	863.3	887.0	914.6	937.3	959.0
22.5°	724.2	732.1	741.9	750.8	761.7	777.5	804.1	833.7	860.3	882.0	906.7
25°	688.7	693.6	702.5	709.4	721.2	732.1	750.8	783.4	814.9	827.8	849.5
27.5°	654.1	658.1	664.0	671.9	677.8	688.7	705.4	732.1	764.6	777.5	807.1
30°	623.5	626.5	632.4	636.4	639.3	652.2	665.0	685.7	710.4	728.1	749.8
32.5°	594.9	597.9	603.8	604.8	608.7	615.7	627.5	646.2	667.9	682.7	701.5
35°	563.4	565.3	571.3	573.2	576.2	582.1	591.0	604.8	624.5	635.4	652.2
37.5°	538.7	537.7	541.7	544.6	548.6	551.5	554.5	568.3	583.1	593.0	605.8
40°	512.1	510.1	511.1	515.0	517.0	520.9	520.9	534.7	544.6	552.5	562.4
42.5°	485.4	484.4	482.5	484.4	486.4	487.4	488.4	498.2	508.1	515.0	525.9
45°	458.8	457.8	455.8	456.8	456.8	458.8	461.7	465.7	472.6	478.5	484.4
47.5°	434.1	432.1	429.2	428.2	430.2	430.2	430.2	434.1	441.0	443.0	448.9
50°	408.5	405.5	401.6	399.6	399.6	398.6	400.6	401.6	407.5	409.4	414.4
52.5°	380.8	378.9	374.9	371.0	372.0	370.0	371.0	372.0	373.9	376.9	379.8
55°	353.2	349.3	346.3	345.3	342.4	342.4	339.4	343.3	342.4	343.3	347.3
57.5°	326.6	322.6	317.7	315.7	312.8	311.8	309.8	308.8	309.8	312.8	315.7
60°	295.0	293.0	290.1	287.1	285.1	282.2	280.2	280.2	279.2	279.2	280.2
62.5°	264.4	263.4	259.5	258.5	256.5	254.5	251.6	249.6	249.6	251.6	252.6
65°	234.8	233.8	230.9	229.9	224.9	223.0	222.0	221.0	219.0	219.0	219.0
67.5°	207.2	204.2	204.2	199.3	195.4	193.4	191.4	190.4	190.4	190.4	191.4
70°	176.6	176.6	173.6	170.7	166.7	167.7	164.8	161.8	161.8	159.8	160.8
72.5°	147.0	146.0	143.1	142.1	139.1	136.2	134.2	136.2	133.2	132.2	133.2
75°	118.4	117.4	115.4	113.5	114.4	111.5	108.5	107.5	107.5	105.6	105.6
77.5°	90.8	92.7	88.8	87.8	85.8	83.9	82.9	81.9	81.9	81.9	83.9
80°	63.1	64.1	64.1	62.2	63.1	60.2	60.2	60.2	57.2	58.2	59.2
82.5°	40.5	40.5	39.5	40.5	39.5	39.5	38.5	38.5	37.5	37.5	38.5
85°	22.7	21.7	20.7	22.7	21.7	21.7	20.7	20.7	20.7	20.7	20.7
87.5°	4.9	5.9	5.9	5.9	5.9	6.9	6.9	6.9	7.9	7.9	7.9
90°	35.7	33.5	35.7	36.8	38.0	36.8	30.1	22.3	16.7	15.0	13.4
92.5°	83.7	96.0	112.7	144.0	171.9	169.7	131.7	89.3	59.2	53.0	46.9
95°	177.5	224.4	292.5	382.9	437.6	387.3	257.9	160.7	109.4	96.0	82.6
97.5°	365.0	477.8	598.3	718.9	713.3	551.4	342.7	207.6	141.8	126.7	111.6
100°	727.8	880.7	1019.1	1042.6	881.8	607.2	366.1	229.9	170.8	155.2	139.5
102.5°	1188.8	1290.4	1294.9	1163.1	887.4	586.0	367.2	250.0	196.5	180.8	165.2
105°	1496.9	1482.4	1356.2	1124.1	827.1	557.0	372.8	273.5	221.0	205.4	189.8
107.5°	1587.3	1477.9	1290.4	1041.5	771.3	541.4	385.1	296.9	245.6	230.0	214.3
110°	1542.7	1399.8	1200.0	964.4	733.4	536.9	400.7	320.4	271.2	255.0	238.9

TEST NUMBER: P1009245

CATALOG NUMBER: S122DIP-B675D1080UB50-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
112.5°	1462.3	1307.1	1117.4	910.9	708.8	538.0	417.5	342.7	295.8	279.0	262.3
115°	1370.8	1224.5	1052.6	868.4	692.1	542.5	434.2	366.1	318.1	303.0	288.0
117.5°	1289.3	1153.1	999.0	839.4	683.1	549.2	452.1	387.3	342.7	327.0	311.4
120°	1217.8	1099.5	961.1	817.1	675.3	555.9	469.9	409.7	366.1	350.5	334.9
122.5°	1165.4	1054.9	931.0	798.1	670.9	563.7	485.6	430.9	390.7	374.5	358.3
125°	1115.1	1016.9	901.9	780.3	665.3	571.5	502.3	452.1	411.9	396.2	380.6
127.5°	1072.7	979.0	872.9	763.5	661.9	579.3	517.9	472.2	433.1	416.9	400.7
130°	1029.2	941.0	845.0	746.8	659.7	588.3	532.5	490.0	451.0	435.4	419.7
132.5°	984.5	905.3	818.2	733.4	658.6	597.2	547.0	505.7	468.8	453.2	437.6
135°	941.0	867.3	793.7	721.1	657.5	603.9	559.2	520.2	484.5	468.8	453.2
137.5°	897.5	837.2	773.6	712.2	657.5	610.6	569.3	532.5	496.7	482.2	467.7
140°	859.5	808.2	754.6	704.4	656.4	615.1	577.1	542.5	509.0	494.5	480.0
142.5°	824.9	782.5	739.0	696.5	656.4	618.4	583.8	550.3	517.9	504.6	491.2
145°	795.9	761.3	724.4	689.8	654.1	620.6	589.4	558.1	528.0	515.7	503.4
147.5°	771.3	743.4	713.3	683.1	650.8	621.8	592.7	564.8	535.8	524.6	513.5
150°	749.0	725.6	701.0	674.2	647.4	620.6	595.0	569.3	543.6	533.6	523.5
152.5°	730.0	711.1	688.7	666.4	641.8	618.4	596.1	573.8	551.4	542.5	533.6
155°	712.2	695.4	677.6	656.4	635.1	616.2	597.2	578.2	559.2	550.8	542.5
157.5°	694.3	679.8	664.2	647.4	628.4	611.7	597.2	581.6	564.8	557.6	550.3
160°	676.4	664.2	651.9	637.4	621.8	608.4	597.2	583.8	570.4	564.2	558.1
162.5°	659.7	649.7	639.6	628.4	616.2	605.0	596.1	584.9	573.8	569.3	564.8
165°	643.0	635.1	627.3	618.4	608.4	600.5	593.8	586.0	576.0	572.6	569.3
167.5°	627.3	621.8	615.1	608.4	601.7	596.1	592.7	586.0	578.2	576.0	573.8
170°	613.9	609.5	606.1	600.5	596.1	592.7	590.5	584.9	579.3	577.6	576.0
172.5°	601.7	598.3	596.1	592.7	589.4	588.3	587.1	583.8	580.5	579.4	578.2
175°	591.6	590.5	589.4	586.0	584.9	583.8	584.9	582.7	580.5	579.9	579.3
177.5°	584.9	583.8	583.8	581.6	580.5	581.6	583.8	581.6	580.5	580.5	580.5
180°	580.5	580.5	580.5	580.5	580.5	580.5	580.5	580.5	580.5	580.5	580.5

TEST NUMBER: P1009245

CATALOG NUMBER: S122DIP-B675D1080UB50-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
0°	1283.6	1283.6	1283.6	1283.6
2.5°	1259.9	1259.9	1274.7	1290.5
5°	1232.3	1239.2	1262.9	1284.6
7.5°	1205.7	1217.5	1247.1	1274.7
10°	1173.1	1188.9	1225.4	1257.9
12.5°	1141.5	1156.3	1198.7	1235.2
15°	1097.1	1115.9	1161.3	1206.6
17.5°	1052.7	1071.5	1126.7	1180.0
20°	1000.4	1025.1	1087.3	1158.3
22.5°	952.1	982.7	1051.7	1109.0
25°	898.8	946.2	1010.3	1084.3
27.5°	851.5	898.8	963.9	1038.9
30°	798.2	846.5	913.6	982.7
32.5°	746.9	791.3	856.4	941.2
35°	693.6	736.0	799.2	885.0
37.5°	645.3	686.7	755.8	834.7
40°	597.9	641.3	700.5	779.4
42.5°	553.5	592.0	645.3	724.2
45°	513.0	540.7	590.0	664.0
47.5°	470.6	495.3	540.7	614.7
50°	431.2	451.9	491.3	560.4
52.5°	392.7	410.4	446.9	502.2
55°	358.1	374.9	401.6	455.8
57.5°	322.6	335.5	361.1	404.5
60°	288.1	299.9	320.7	356.2
62.5°	253.6	263.4	283.2	311.8
65°	223.0	230.9	245.7	270.3
67.5°	193.4	198.3	210.2	229.9
70°	164.8	168.7	178.6	194.4
72.5°	134.2	138.1	149.0	159.8
75°	108.5	109.5	117.4	126.3
77.5°	84.8	83.9	89.8	96.7
80°	58.2	61.2	66.1	69.1
82.5°	39.5	40.5	42.4	44.4
85°	21.7	22.7	22.7	25.7
87.5°	8.9	9.9	9.9	10.9
90°	11.2	8.9	4.5	1.1
92.5°	38.0	32.4	23.4	16.7
95°	64.7	54.7	43.5	39.1
97.5°	91.5	77.0	64.7	58.0
100°	117.2	99.3	89.3	86.0
102.5°	141.8	123.9	113.9	111.6
105°	165.2	148.5	140.6	136.2
107.5°	189.8	174.1	166.3	163.0
110°	215.4	200.9	194.2	189.8



TEST NUMBER: P1009245

CATALOG NUMBER: S122DIP-B675D1080UB50-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
112.5°	240.0	226.6	218.8	214.3
115°	265.7	252.3	245.6	240.0
117.5°	290.2	277.9	271.2	266.8
120°	312.6	302.5	295.8	291.3
122.5°	336.0	324.8	318.1	314.8
125°	358.3	344.9	338.2	334.9
127.5°	379.5	365.0	356.1	351.6
130°	397.4	381.8	370.6	366.1
132.5°	414.1	397.4	385.1	379.5
135°	427.5	410.8	397.4	392.9
137.5°	442.0	424.2	410.8	405.2
140°	455.4	437.6	424.2	419.7
142.5°	467.7	449.8	437.6	434.2
145°	481.1	464.4	453.2	448.7
147.5°	494.5	478.9	467.7	464.4
150°	506.8	492.3	483.3	480.0
152.5°	517.9	505.7	496.7	495.6
155°	530.2	517.9	511.2	510.1
157.5°	540.3	529.1	523.5	522.4
160°	549.2	540.3	535.8	534.7
162.5°	557.0	550.3	545.8	547.0
165°	563.7	557.0	554.8	555.9
167.5°	569.3	564.8	562.6	563.7
170°	573.8	570.4	569.3	571.5
172.5°	577.1	573.8	574.9	576.0
175°	579.3	577.1	578.2	579.3
177.5°	580.5	578.2	579.3	581.6
180°	580.5	580.5	580.5	580.5

(END OF REPORT)