

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: P1009281

Luminaire Tested: S122DIP-B675D330UB40-4F0-XX-W2A-A4

Issue Date: 5/6/2025

Test Information

Test Method: LM-79-2019
Report Number: P1009281
REPORT IS A COMBINATION OF REPORTS P984522 AND P1007351
Test Lab: INNOVATION CENTER
Issue Date: 5/6/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: NEO-RAY
Catalog Number: S122DIP-B675D330UB40-4F0-XX-W2A-A4
Description: Define 2 Direct/Indirect Pendant with 4000K BioUP LEDs {m-DER=0.865} {m-EER=0.951}
Light Source: -
Ballast/Driver: -

Summary

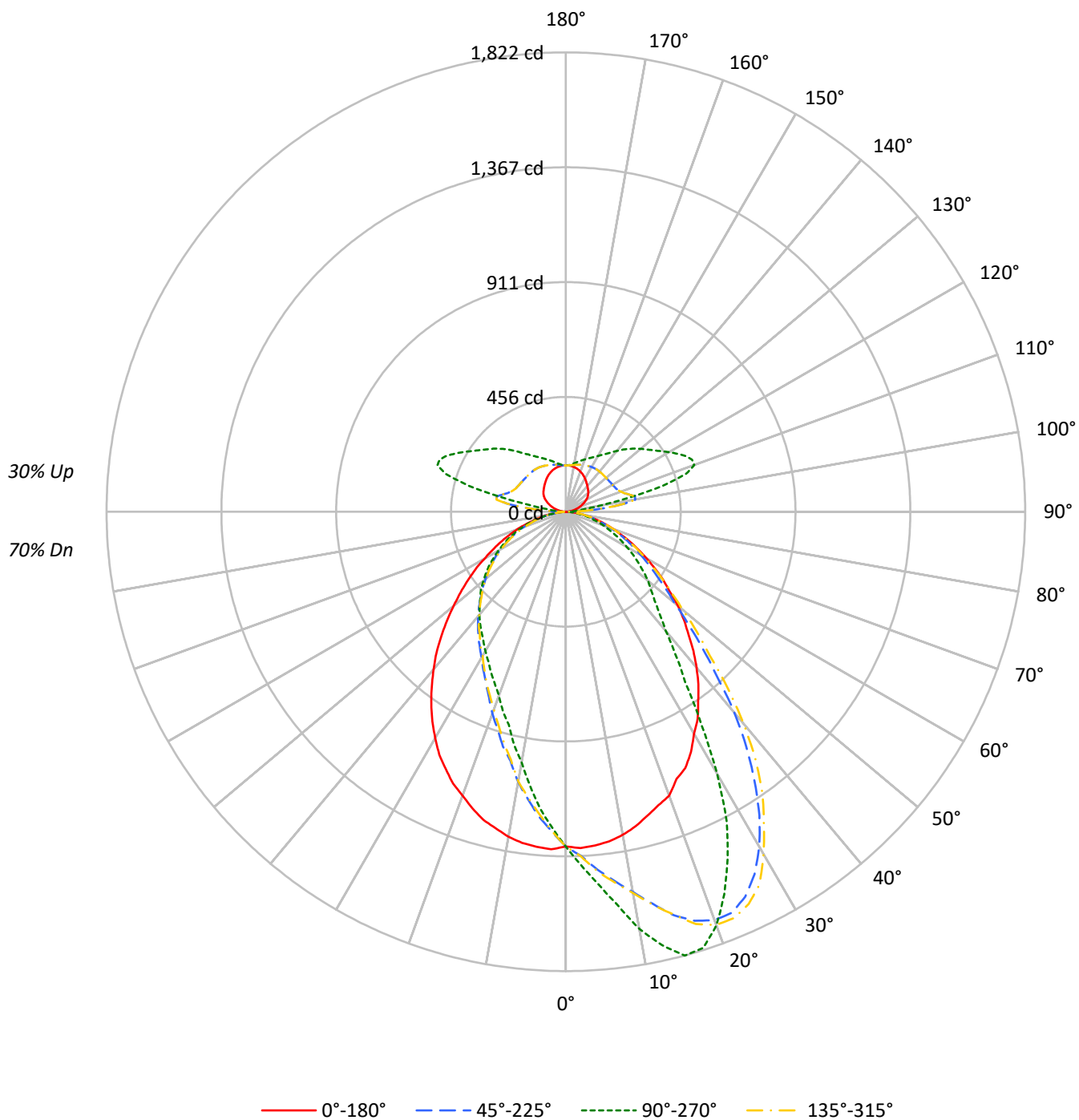
Lumens per Lamp: N/A
Luminaire Lumens: 4210.0 lumens
Efficiency: N/A
Efficacy: 93.1 lumens/watt
Spacing Criteria (0/90/45): 1.16 / 1.09 / 1.23
Luminous Opening: Rectangular w/ Sides (W: 0.17' x L: 4' x H: 0.1')
CIE Type: Semi-Direct

Input Watts (W): 45.2
Input Voltage (V):
Input Current (A_{in}): 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	112	112	112	112	106	106	106	106	94	94	94	84	84	84	74	74	74	74	74	74
1	103	99	95	92	97	93	90	87	84	81	79	75	73	71	67	65	64	64	64	60
2	94	87	81	76	89	83	77	73	74	70	66	67	63	61	59	57	55	55	55	51
3	86	77	70	64	82	73	67	62	66	61	57	59	55	52	53	50	48	48	48	44
4	79	69	61	55	75	65	58	53	59	54	49	53	49	45	48	45	42	42	42	39
5	73	62	54	48	69	59	52	46	53	47	43	48	44	40	44	40	37	37	37	34
6	68	56	48	42	64	53	46	41	49	42	38	44	39	35	40	36	33	33	33	30
7	63	51	43	37	60	49	41	36	44	38	34	40	35	32	37	33	29	29	29	27
8	59	46	39	33	56	44	37	32	41	35	30	37	32	28	34	30	27	27	27	24
9	55	43	35	30	52	41	34	29	38	32	27	34	29	26	31	27	24	24	24	22
10	51	39	32	27	49	38	31	26	35	29	25	32	27	24	29	25	22	22	22	20

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	21015	21015	21015	21015
5°	21065	22407	21146	17826
10°	20820	24460	20951	14697
15°	20316	25800	20597	12380
20°	19999	24224	19999	10760
25°	19360	20811	19448	9622
30°	18312	16359	18661	8716
35°	17383	11312	17674	7975
40°	16315	8542	16501	7384
45°	14998	7019	15244	6746
50°	13860	6160	13884	6174
55°	12561	5249	12644	5555
60°	11179	4385	11334	4849
65°	9940	3566	10121	4141
70°	8705	2799	8926	3340
75°	7306	2031	7591	2421
80°	5700	1287	6108	1438
85°	3743	649	4040	480

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 157.5°

Vertical Angle: 45°

Luminance: 21722 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	126.4	3.0
10°-20°	368.0	8.7
20°-30°	534.1	12.7
30°-40°	563.1	13.4
40°-50°	498.3	11.8
50°-60°	397.9	9.5
60°-70°	270.2	6.4
70°-80°	138.3	3.3
80°-90°	33.9	0.8
90°-100°	71.6	1.7
100°-110°	252.3	6.0
110°-120°	265.0	6.3
120°-130°	218.0	5.2
130°-140°	175.1	4.2
140°-150°	132.3	3.1
150°-160°	93.0	2.2
160°-170°	54.7	1.3
170°-180°	17.8	0.4
0°-30°	1028.6	24.4
0°-40°	1591.7	37.8
0°-60°	2487.8	59.1
0°-90°	2930.2	69.6
90°-120°	588.9	14.0
90°-150°	1114.3	26.5
90°-180°	1280.0	30.4
0°-180°	4210.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1328	1328	1328	1328	1328	
5°	1329	1483	1334	1180	1329	126
15°	1248	1822	1265	874	1248	352
25°	1121	1518	1126	702	1121	513
35°	915	826	931	583	915	573
45°	687	498	698	479	687	533
55°	471	350	474	370	471	421
65°	280	215	285	250	280	278
75°	131	106	136	126	131	140
85°	26	28	29	20	26	31
90°	0	12	0	12	0	2
95°	12	40	12	40	12	13
105°	43	398	43	398	43	46
115°	76	524	76	524	76	75
125°	106	425	106	425	106	94
135°	124	352	124	352	124	96
145°	142	281	142	281	142	89
155°	162	236	162	236	162	74
165°	176	208	176	208	176	50
175°	183	187	183	187	183	17
180°	184	184	184	184	184	

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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	1327.6	1327.6	1327.6	1327.6	1327.6	1327.6	1327.6	1327.6	1327.6	1327.6	1327.6
2.5°	1334.7	1337.8	1342.9	1343.9	1354.1	1362.3	1371.4	1371.4	1374.5	1373.5	1365.3
5°	1328.6	1337.8	1351.0	1362.3	1380.6	1388.8	1401.0	1410.2	1418.4	1424.5	1423.5
7.5°	1318.4	1334.7	1354.1	1375.5	1400.0	1414.3	1431.6	1448.0	1459.2	1469.4	1476.5
10°	1301.0	1328.6	1355.1	1383.7	1415.3	1434.7	1455.1	1476.5	1493.9	1513.3	1531.6
12.5°	1277.6	1317.4	1350.0	1387.8	1426.5	1448.0	1480.6	1496.9	1530.6	1579.6	1592.9
15°	1248.0	1302.0	1332.7	1380.6	1431.6	1449.0	1493.9	1520.4	1589.8	1620.4	1657.2
17.5°	1220.4	1280.6	1321.4	1376.5	1426.5	1460.2	1504.1	1558.2	1616.3	1660.2	1701.0
20°	1198.0	1256.1	1305.1	1366.3	1429.6	1472.5	1518.4	1583.7	1646.9	1691.8	1723.5
22.5°	1146.9	1221.4	1278.6	1346.9	1423.5	1482.7	1526.5	1598.0	1666.3	1693.9	1721.4
25°	1121.4	1185.7	1252.0	1329.6	1419.4	1489.8	1527.6	1607.2	1667.4	1677.6	1683.7
27.5°	1074.5	1146.9	1224.5	1313.3	1418.4	1477.6	1525.5	1598.0	1645.9	1638.8	1620.4
30°	1016.3	1105.1	1190.8	1286.7	1404.1	1468.4	1513.3	1579.6	1604.1	1567.4	1534.7
32.5°	973.5	1057.1	1152.0	1263.3	1387.8	1449.0	1492.9	1544.9	1550.0	1483.7	1428.6
35°	915.3	1008.2	1115.3	1232.7	1360.2	1415.3	1456.1	1487.8	1463.3	1370.4	1305.1
37.5°	863.3	955.1	1069.4	1188.8	1322.5	1376.5	1409.2	1414.3	1354.1	1272.5	1176.5
40°	806.1	901.0	1020.4	1145.9	1280.6	1327.6	1348.0	1332.7	1245.9	1151.0	1039.8
42.5°	749.0	842.9	971.4	1100.0	1227.6	1267.4	1275.5	1233.7	1127.6	1016.3	887.8
45°	686.7	784.7	913.3	1042.9	1166.3	1188.8	1189.8	1129.6	1004.1	887.8	768.4
47.5°	635.7	726.5	854.1	983.7	1087.8	1103.1	1096.9	1027.6	890.8	760.2	656.1
50°	579.6	666.3	792.9	920.4	1009.2	1013.3	998.0	899.0	765.3	645.9	563.3
52.5°	519.4	607.1	723.5	845.9	925.5	919.4	889.8	783.7	658.2	559.2	495.9
55°	471.4	549.0	658.2	777.6	833.7	816.3	783.7	675.5	576.5	492.9	437.8
57.5°	418.4	486.7	593.9	698.0	730.6	714.3	681.6	580.6	488.8	425.5	388.8
60°	368.4	430.6	524.5	611.2	636.7	619.4	581.6	490.8	424.5	371.4	343.9
62.5°	322.5	376.5	455.1	534.7	544.9	527.6	494.9	421.4	364.3	322.5	302.0
65°	279.6	330.6	393.9	454.1	463.3	444.9	411.2	358.2	310.2	283.7	264.3
67.5°	237.8	278.6	334.7	378.6	383.7	366.3	338.8	295.9	266.3	237.8	223.5
70°	201.0	231.6	275.5	311.2	313.3	296.9	282.7	243.9	221.4	201.0	189.8
72.5°	165.3	186.7	220.4	246.9	248.0	237.8	224.5	200.0	180.6	166.3	155.1
75°	130.6	149.0	169.4	192.9	191.8	183.7	173.5	158.2	141.8	132.7	127.6
77.5°	100.0	111.2	127.6	142.9	142.9	138.8	132.7	121.4	111.2	102.0	96.9
80°	71.4	78.6	91.8	96.9	99.0	98.0	92.9	84.7	80.6	73.5	71.4
82.5°	45.9	51.0	57.1	62.2	65.3	63.3	62.2	58.2	52.0	50.0	48.0
85°	26.5	28.6	31.6	34.7	35.7	34.7	36.7	33.7	30.6	30.6	29.6
87.5°	11.2	12.2	14.3	14.3	15.3	15.3	14.3	15.3	15.3	14.3	13.3
90°	0.4	1.4	2.8	3.5	4.2	4.8	5.3	7.1	9.5	11.7	12.0
92.5°	5.3	7.4	10.2	12.0	14.8	16.8	18.7	28.3	41.7	53.7	54.4
95°	12.4	13.8	17.3	20.5	26.2	30.4	34.6	50.9	81.6	122.6	138.5
97.5°	18.4	20.5	24.4	29.0	35.3	40.1	44.9	65.7	108.5	174.6	225.8
100°	27.2	28.3	31.5	37.1	44.2	49.2	54.1	72.8	115.9	192.3	279.2
102.5°	35.3	36.0	39.2	44.9	52.3	57.2	62.2	79.2	116.3	185.5	281.0
105°	43.1	44.5	47.0	52.3	60.1	65.0	70.0	86.6	118.0	176.4	261.9
107.5°	51.6	52.7	55.1	60.1	67.9	72.8	77.8	94.0	121.9	171.4	244.2
110°	60.1	61.5	63.6	68.2	75.6	80.8	85.9	101.4	126.9	170.0	232.2

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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	67.9	69.3	71.7	76.0	83.1	88.4	93.7	108.5	132.2	170.3	224.4
115°	76.0	77.8	79.9	84.1	91.2	96.0	100.7	115.9	137.5	171.8	219.1
117.5°	84.5	85.9	88.0	91.9	98.6	103.6	108.5	122.6	143.1	173.9	216.3
120°	92.2	93.7	95.8	99.0	106.0	111.0	115.9	129.7	148.8	176.0	213.8
122.5°	99.7	100.7	102.8	106.4	113.4	118.6	123.7	136.4	153.7	178.5	212.4
125°	106.0	107.1	109.2	113.4	120.5	125.4	130.4	143.1	159.0	180.9	210.6
127.5°	111.3	112.7	115.6	120.2	126.9	132.0	137.1	149.5	164.0	183.4	209.6
130°	115.9	117.3	120.9	125.8	132.9	137.9	142.8	155.1	168.6	186.2	208.9
132.5°	120.2	121.9	125.8	131.1	138.5	143.4	148.4	160.1	173.2	189.1	208.5
135°	124.4	125.8	130.1	135.4	143.5	148.4	153.4	164.7	177.1	191.2	208.2
137.5°	128.3	130.1	134.3	140.0	148.1	152.7	157.3	168.6	180.2	193.3	208.2
140°	132.9	134.3	138.5	144.2	152.0	156.6	161.2	171.8	182.7	194.7	207.8
142.5°	137.5	138.5	142.4	148.1	155.5	159.8	164.0	174.2	184.8	195.8	207.8
145°	142.1	143.5	147.0	152.3	159.4	163.3	167.2	176.7	186.6	196.5	207.1
147.5°	147.0	148.1	151.6	156.6	162.6	166.1	169.6	178.8	187.7	196.9	206.0
150°	152.0	153.0	155.9	160.5	165.8	169.0	172.1	180.2	188.4	196.5	205.0
152.5°	156.9	157.3	160.1	164.0	168.9	171.8	174.6	181.7	188.7	195.8	203.2
155°	161.5	161.9	164.0	167.9	171.8	174.4	177.1	183.1	189.1	195.1	201.1
157.5°	165.4	165.8	167.5	171.1	174.2	176.5	178.8	184.1	189.1	193.7	199.0
160°	169.3	169.6	171.1	173.9	176.7	178.6	180.6	184.8	189.1	192.6	196.9
162.5°	173.2	172.8	174.2	176.4	178.8	180.2	181.7	185.2	188.7	191.6	195.1
165°	176.0	175.6	176.4	178.5	180.2	181.3	182.4	185.5	188.0	190.1	192.6
167.5°	178.5	178.1	178.8	180.2	181.7	182.4	183.1	185.5	187.7	188.7	190.5
170°	180.9	180.2	180.6	181.7	182.4	182.9	183.4	185.2	187.0	187.7	188.7
172.5°	182.4	182.0	181.7	182.7	183.1	183.4	183.8	184.8	185.9	186.2	186.6
175°	183.4	183.1	182.7	183.4	183.4	183.6	183.8	184.5	185.2	184.8	185.2
177.5°	184.1	183.4	183.1	183.8	183.8	183.8	183.8	184.1	184.8	184.1	183.8
180°	183.8	183.8	183.8	183.8	183.8	183.8	183.8	183.8	183.8	183.8	183.8

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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	1327.6	1327.6	1327.6	1327.6	1327.6	1327.6	1327.6	1327.6	1327.6	1327.6	1327.6
2.5°	1379.6	1380.6	1382.7	1392.9	1398.0	1399.0	1394.9	1404.1	1407.2	1404.1	1402.0
5°	1444.9	1451.0	1463.3	1476.5	1475.5	1476.5	1482.7	1488.8	1490.8	1482.7	1485.7
7.5°	1502.1	1514.3	1527.6	1548.0	1548.0	1558.2	1562.3	1567.4	1579.6	1573.5	1571.4
10°	1567.4	1583.7	1608.2	1640.8	1641.8	1652.1	1662.3	1678.6	1683.7	1679.6	1681.6
12.5°	1649.0	1680.6	1682.7	1718.4	1734.7	1736.7	1753.1	1750.0	1760.2	1760.2	1777.6
15°	1684.7	1733.7	1761.2	1795.9	1806.1	1793.9	1807.2	1821.4	1822.5	1822.5	1821.4
17.5°	1749.0	1768.4	1795.9	1814.3	1818.4	1818.4	1819.4	1825.5	1821.4	1813.3	1819.4
20°	1762.3	1770.4	1780.6	1778.6	1780.6	1770.4	1760.2	1750.0	1751.0	1745.9	1761.2
22.5°	1737.8	1735.7	1712.3	1696.9	1696.9	1676.5	1657.2	1648.0	1638.8	1641.8	1646.9
25°	1676.5	1644.9	1616.3	1593.9	1588.8	1556.1	1529.6	1521.4	1506.1	1518.4	1520.4
27.5°	1578.6	1542.9	1496.9	1477.6	1451.0	1437.8	1419.4	1394.9	1363.3	1381.6	1378.6
30°	1473.5	1420.4	1382.7	1335.7	1293.9	1290.8	1256.1	1215.3	1199.0	1199.0	1208.2
32.5°	1356.1	1285.7	1230.6	1164.3	1123.5	1106.1	1064.3	1023.5	1032.7	1002.0	1013.3
35°	1219.4	1126.5	1057.1	992.9	962.3	941.8	887.8	865.3	840.8	826.5	853.1
37.5°	1088.8	981.6	892.9	822.5	811.2	774.5	737.8	723.5	709.2	715.3	714.3
40°	929.6	834.7	755.1	700.0	680.6	663.3	638.8	621.4	612.2	617.4	618.4
42.5°	785.7	706.1	646.9	608.2	591.8	579.6	567.4	553.1	550.0	550.0	554.1
45°	674.5	609.2	569.4	537.8	528.6	519.4	510.2	504.1	502.0	498.0	501.0
47.5°	585.7	533.7	509.2	485.7	475.5	473.5	465.3	462.2	458.2	457.1	458.2
50°	511.2	478.6	456.1	442.9	435.7	432.7	428.6	422.5	420.4	425.5	423.5
52.5°	459.2	428.6	416.3	403.1	399.0	394.9	388.8	389.8	388.8	386.7	386.7
55°	407.1	387.8	375.5	365.3	364.3	360.2	355.1	353.1	352.0	350.0	353.1
57.5°	365.3	350.0	338.8	329.6	325.5	325.5	320.4	316.3	316.3	315.3	316.3
60°	323.5	308.2	301.0	291.8	288.8	287.8	284.7	282.7	279.6	279.6	279.6
62.5°	284.7	272.5	264.3	256.1	257.1	252.0	248.0	245.9	245.9	246.9	246.9
65°	248.0	239.8	229.6	222.5	220.4	219.4	217.3	216.3	213.3	215.3	215.3
67.5°	214.3	203.1	196.9	193.9	190.8	189.8	187.8	185.7	184.7	183.7	185.7
70°	180.6	171.4	166.3	164.3	161.2	160.2	159.2	156.1	157.1	158.2	159.2
72.5°	150.0	141.8	140.8	134.7	134.7	134.7	130.6	132.7	131.6	129.6	131.6
75°	118.4	114.3	112.2	109.2	110.2	109.2	108.2	105.1	105.1	106.1	107.1
77.5°	93.9	89.8	88.8	85.7	83.7	85.7	83.7	82.7	82.7	83.7	83.7
80°	69.4	67.3	64.3	64.3	64.3	63.3	63.3	63.3	62.2	61.2	62.2
82.5°	45.9	45.9	44.9	43.9	44.9	42.9	43.9	43.9	43.9	43.9	43.9
85°	29.6	28.6	28.6	27.6	27.6	27.6	28.6	26.5	26.5	27.6	27.6
87.5°	13.3	13.3	13.3	14.3	13.3	13.3	13.3	14.3	13.3	13.3	13.3
90°	11.7	11.3	10.6	11.3	11.5	11.7	11.7	11.7	11.7	11.7	11.7
92.5°	45.6	35.7	30.4	26.5	25.1	23.7	23.3	21.9	22.3	21.6	22.3
95°	121.2	92.6	71.0	56.2	52.3	48.4	43.8	41.0	39.9	40.3	39.9
97.5°	227.6	189.4	151.3	115.6	105.0	94.4	80.6	73.5	69.6	67.5	69.6
100°	330.1	322.7	278.8	230.4	209.0	187.7	158.3	143.1	132.9	126.5	132.9
102.5°	368.3	410.0	408.5	376.4	353.4	330.4	297.9	269.3	255.9	246.7	255.9
105°	355.9	429.4	469.3	473.9	468.1	462.3	440.4	418.4	403.2	398.3	403.2
107.5°	329.7	408.5	467.9	502.6	509.6	516.7	516.3	513.2	508.6	500.4	508.6
110°	305.4	379.9	443.2	488.4	502.9	517.4	532.6	539.3	542.5	542.1	542.5

TEST NUMBER: P1009281

CATALOG NUMBER: S122DIP-B675D330UB40-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	288.4	353.8	413.8	463.0	480.2	497.3	519.9	532.2	539.0	541.4	539.0
115°	275.0	333.3	387.7	434.0	452.2	470.4	495.5	511.7	520.9	524.1	520.9
117.5°	265.8	316.3	365.1	408.2	425.5	442.8	468.6	485.9	495.5	498.0	495.5
120°	258.7	304.3	348.1	385.6	401.6	417.7	442.5	459.1	469.3	472.9	469.3
122.5°	252.7	294.7	334.0	369.0	383.1	397.2	418.8	435.1	443.9	446.7	443.9
125°	247.0	285.6	322.0	353.1	366.4	379.6	400.1	413.5	422.3	425.2	422.3
127.5°	241.7	276.4	309.9	339.6	352.0	364.4	382.4	395.1	402.9	405.0	402.9
130°	236.4	267.5	297.9	325.8	337.5	349.2	366.5	378.5	385.6	388.4	385.6
132.5°	232.2	259.1	286.6	311.7	322.5	333.3	350.2	362.3	368.6	371.1	368.6
135°	228.3	251.3	274.6	297.9	307.8	317.7	332.9	344.6	350.9	352.4	350.9
137.5°	225.5	244.9	265.1	284.1	293.0	301.8	316.3	326.6	332.2	334.3	332.2
140°	223.0	238.9	255.9	272.1	279.9	287.7	299.0	308.2	313.5	315.6	313.5
142.5°	220.5	234.0	247.7	261.2	267.4	273.5	284.1	292.3	296.9	296.9	296.9
145°	218.4	229.4	241.0	252.0	257.1	262.2	270.7	276.7	280.3	281.3	280.3
147.5°	216.3	225.8	235.4	244.2	248.1	252.0	259.4	264.4	266.8	267.5	266.8
150°	213.5	221.9	229.7	237.1	240.3	243.5	248.8	253.0	255.2	255.5	255.2
152.5°	211.0	218.1	225.1	231.1	233.8	236.4	240.3	243.9	245.3	245.3	245.3
155°	207.8	214.5	220.2	225.5	227.4	229.4	233.3	235.7	237.1	236.4	237.1
157.5°	205.0	210.3	215.2	219.8	221.4	223.0	225.8	228.0	228.7	228.7	228.7
160°	201.8	206.4	210.3	214.2	215.4	216.6	219.1	220.9	221.2	221.2	221.2
162.5°	199.0	202.5	205.7	208.9	209.8	210.6	213.1	214.2	214.5	214.2	214.5
165°	195.8	198.6	201.1	203.6	204.3	205.0	206.4	207.8	207.8	207.5	207.8
167.5°	192.6	194.7	196.9	198.6	199.3	200.0	200.7	201.4	201.4	201.1	201.4
170°	190.1	191.9	193.0	194.4	194.8	195.1	195.4	196.5	196.1	195.4	196.1
172.5°	187.7	188.7	189.4	190.5	190.6	190.8	191.2	191.6	191.2	190.8	191.2
175°	185.5	186.6	187.0	187.3	187.5	187.7	187.7	188.0	187.7	187.0	187.7
177.5°	184.1	184.8	184.8	185.2	185.2	185.2	185.2	185.2	184.8	184.1	184.8
180°	183.8	183.8	183.8	183.8	183.8	183.8	183.8	183.8	183.8	183.8	183.8

TEST NUMBER: P1009281

CATALOG NUMBER: S122DIP-B675D330UB40-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	1327.6	1327.6	1327.6	1327.6	1327.6	1327.6	1327.6	1327.6	1327.6	1327.6	1327.6
2.5°	1407.2	1400.0	1393.9	1394.9	1400.0	1395.9	1385.7	1372.5	1367.4	1361.2	1367.4
5°	1491.8	1485.7	1473.5	1474.5	1471.4	1467.4	1451.0	1430.6	1430.6	1414.3	1412.3
7.5°	1575.5	1566.3	1558.2	1556.1	1544.9	1536.7	1522.5	1493.9	1482.7	1463.3	1452.0
10°	1669.4	1662.3	1653.1	1641.8	1635.7	1621.4	1598.0	1556.1	1535.7	1509.2	1489.8
12.5°	1764.3	1763.3	1742.9	1720.4	1719.4	1696.9	1680.6	1624.5	1596.9	1561.2	1515.3
15°	1824.5	1819.4	1808.2	1796.9	1800.0	1775.5	1738.8	1672.5	1654.1	1611.2	1562.3
17.5°	1823.5	1823.5	1820.4	1818.4	1815.3	1808.2	1787.8	1743.9	1714.3	1660.2	1614.3
20°	1765.3	1778.6	1781.6	1780.6	1790.8	1795.9	1794.9	1767.4	1743.9	1695.9	1649.0
22.5°	1649.0	1679.6	1692.9	1701.0	1722.5	1733.7	1760.2	1750.0	1743.9	1708.2	1668.4
25°	1540.8	1551.0	1590.8	1592.9	1622.5	1650.0	1676.5	1693.9	1716.3	1703.1	1669.4
27.5°	1401.0	1424.5	1453.1	1474.5	1480.6	1536.7	1580.6	1613.3	1664.3	1668.4	1657.2
30°	1242.9	1254.1	1301.0	1329.6	1362.3	1403.1	1466.3	1522.5	1568.4	1610.2	1624.5
32.5°	1050.0	1095.9	1123.5	1158.2	1186.7	1259.2	1336.7	1409.2	1462.3	1532.7	1563.3
35°	873.5	909.2	956.1	970.4	1022.5	1083.7	1184.7	1277.6	1358.2	1429.6	1491.8
37.5°	727.6	756.1	806.1	828.6	859.2	937.8	1022.5	1137.8	1234.7	1322.5	1400.0
40°	627.6	649.0	686.7	693.9	719.4	790.8	859.2	967.4	1095.9	1214.3	1299.0
42.5°	559.2	569.4	594.9	604.1	620.4	668.4	729.6	831.6	951.0	1073.5	1192.9
45°	510.2	517.4	532.7	540.8	561.2	582.7	632.7	714.3	808.2	931.6	1060.2
47.5°	466.3	475.5	481.6	486.7	498.0	521.4	554.1	614.3	704.1	817.4	941.8
50°	429.6	432.7	443.9	444.9	452.0	467.3	498.0	534.7	606.1	698.0	818.4
52.5°	392.9	395.9	403.1	410.2	413.3	425.5	445.9	476.5	529.6	602.0	709.2
55°	356.1	360.2	367.3	372.5	375.5	385.7	398.0	427.6	469.4	520.4	608.2
57.5°	319.4	328.6	330.6	333.7	338.8	350.0	361.2	378.6	411.2	458.2	522.5
60°	284.7	287.8	294.9	298.0	303.1	309.2	323.5	336.7	360.2	396.9	455.1
62.5°	249.0	256.1	259.2	262.2	266.3	273.5	282.7	296.9	317.3	346.9	392.9
65°	218.4	219.4	225.5	229.6	233.7	238.8	248.0	261.2	273.5	301.0	334.7
67.5°	188.8	190.8	192.9	196.9	202.0	207.1	215.3	222.5	237.8	256.1	282.7
70°	160.2	160.2	165.3	168.4	167.3	173.5	179.6	187.8	199.0	216.3	237.8
72.5°	134.7	133.7	137.8	138.8	140.8	144.9	149.0	157.1	163.3	176.5	192.9
75°	107.1	109.2	111.2	111.2	114.3	117.3	121.4	125.5	132.7	140.8	153.1
77.5°	84.7	84.7	86.7	87.8	90.8	89.8	93.9	98.0	103.1	110.2	119.4
80°	62.2	64.3	64.3	64.3	65.3	66.3	70.4	73.5	76.5	81.6	85.7
82.5°	43.9	43.9	45.9	45.9	45.9	48.0	48.0	49.0	51.0	54.1	57.1
85°	27.6	27.6	27.6	28.6	27.6	28.6	30.6	29.6	30.6	32.7	32.7
87.5°	13.3	13.3	13.3	13.3	13.3	14.3	13.3	14.3	15.3	15.3	15.3
90°	11.7	11.7	11.7	11.5	11.3	10.6	11.3	11.7	12.0	11.7	9.5
92.5°	21.9	23.3	23.7	25.1	26.5	30.4	35.7	45.6	54.4	53.7	41.7
95°	41.0	43.8	48.4	52.3	56.2	71.0	92.6	121.2	138.5	122.6	81.6
97.5°	73.5	80.6	94.4	105.0	115.6	151.3	189.4	227.6	225.8	174.6	108.5
100°	143.1	158.3	187.7	209.0	230.4	278.8	322.7	330.1	279.2	192.3	115.9
102.5°	269.3	297.9	330.4	353.4	376.4	408.5	410.0	368.3	281.0	185.5	116.3
105°	418.4	440.4	462.3	468.1	473.9	469.3	429.4	355.9	261.9	176.4	118.0
107.5°	513.2	516.3	516.7	509.6	502.6	467.9	408.5	329.7	244.2	171.4	121.9
110°	539.3	532.6	517.4	502.9	488.4	443.2	379.9	305.4	232.2	170.0	126.9

TEST NUMBER: P1009281

CATALOG NUMBER: S122DIP-B675D330UB40-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	532.2	519.9	497.3	480.2	463.0	413.8	353.8	288.4	224.4	170.3	132.2
115°	511.7	495.5	470.4	452.2	434.0	387.7	333.3	275.0	219.1	171.8	137.5
117.5°	485.9	468.6	442.8	425.5	408.2	365.1	316.3	265.8	216.3	173.9	143.1
120°	459.1	442.5	417.7	401.6	385.6	348.1	304.3	258.7	213.8	176.0	148.8
122.5°	435.1	418.8	397.2	383.1	369.0	334.0	294.7	252.7	212.4	178.5	153.7
125°	413.5	400.1	379.6	366.4	353.1	322.0	285.6	247.0	210.6	180.9	159.0
127.5°	395.1	382.4	364.4	352.0	339.6	309.9	276.4	241.7	209.6	183.4	164.0
130°	378.5	366.5	349.2	337.5	325.8	297.9	267.5	236.4	208.9	186.2	168.6
132.5°	362.3	350.2	333.3	322.5	311.7	286.6	259.1	232.2	208.5	189.1	173.2
135°	344.6	332.9	317.7	307.8	297.9	274.6	251.3	228.3	208.2	191.2	177.1
137.5°	326.6	316.3	301.8	293.0	284.1	265.1	244.9	225.5	208.2	193.3	180.2
140°	308.2	299.0	287.7	279.9	272.1	255.9	238.9	223.0	207.8	194.7	182.7
142.5°	292.3	284.1	273.5	267.4	261.2	247.7	234.0	220.5	207.8	195.8	184.8
145°	276.7	270.7	262.2	257.1	252.0	241.0	229.4	218.4	207.1	196.5	186.6
147.5°	264.4	259.4	252.0	248.1	244.2	235.4	225.8	216.3	206.0	196.9	187.7
150°	253.0	248.8	243.5	240.3	237.1	229.7	221.9	213.5	205.0	196.5	188.4
152.5°	243.9	240.3	236.4	233.8	231.1	225.1	218.1	211.0	203.2	195.8	188.7
155°	235.7	233.3	229.4	227.4	225.5	220.2	214.5	207.8	201.1	195.1	189.1
157.5°	228.0	225.8	223.0	221.4	219.8	215.2	210.3	205.0	199.0	193.7	189.1
160°	220.9	219.1	216.6	215.4	214.2	210.3	206.4	201.8	196.9	192.6	189.1
162.5°	214.2	213.1	210.6	209.8	208.9	205.7	202.5	199.0	195.1	191.6	188.7
165°	207.8	206.4	205.0	204.3	203.6	201.1	198.6	195.8	192.6	190.1	188.0
167.5°	201.4	200.7	200.0	199.3	198.6	196.9	194.7	192.6	190.5	188.7	187.7
170°	196.5	195.4	195.1	194.8	194.4	193.0	191.9	190.1	188.7	187.7	187.0
172.5°	191.6	191.2	190.8	190.6	190.5	189.4	188.7	187.7	186.6	186.2	185.9
175°	188.0	187.7	187.7	187.5	187.3	187.0	186.6	185.5	185.2	184.8	185.2
177.5°	185.2	185.2	185.2	185.2	185.2	184.8	184.8	184.1	183.8	184.1	184.8
180°	183.8	183.8	183.8	183.8	183.8	183.8	183.8	183.8	183.8	183.8	183.8

TEST NUMBER: P1009281

CATALOG NUMBER: S122DIP-B675D330UB40-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
0°	1327.6	1327.6	1327.6	1327.6	1327.6	1327.6	1327.6	1327.6	1327.6	1327.6	1327.6
2.5°	1362.3	1357.2	1354.1	1356.1	1350.0	1334.7	1334.7	1339.8	1333.7	1327.6	1318.4
5°	1400.0	1389.8	1383.7	1382.7	1368.4	1343.9	1338.8	1333.7	1320.4	1306.1	1290.8
7.5°	1436.7	1418.4	1408.2	1401.0	1380.6	1349.0	1335.7	1324.5	1303.1	1281.6	1262.3
10°	1467.4	1440.8	1428.6	1417.4	1390.8	1351.0	1329.6	1309.2	1281.6	1254.1	1229.6
12.5°	1491.8	1461.2	1445.9	1429.6	1396.9	1344.9	1318.4	1285.7	1258.2	1221.4	1196.9
15°	1532.7	1469.4	1455.1	1439.8	1406.1	1334.7	1302.0	1265.3	1227.6	1178.6	1152.0
17.5°	1565.3	1480.6	1479.6	1446.9	1403.1	1330.6	1280.6	1232.7	1191.8	1142.9	1101.0
20°	1584.7	1498.0	1481.6	1448.0	1392.9	1303.1	1251.0	1198.0	1154.1	1094.9	1053.1
22.5°	1601.0	1522.5	1479.6	1438.8	1371.4	1293.9	1217.4	1167.4	1107.1	1042.9	1003.1
25°	1607.2	1527.6	1482.7	1435.7	1356.1	1267.4	1180.6	1126.5	1059.2	1001.0	946.9
27.5°	1608.2	1526.5	1471.4	1422.5	1334.7	1232.7	1143.9	1086.7	1012.3	944.9	890.8
30°	1598.0	1515.3	1465.3	1412.3	1314.3	1201.0	1099.0	1035.7	956.1	888.8	832.7
32.5°	1567.4	1492.9	1452.0	1393.9	1287.8	1157.2	1056.1	985.7	902.0	835.7	781.6
35°	1516.3	1465.3	1420.4	1366.3	1253.1	1116.3	1013.3	930.6	845.9	782.7	731.6
37.5°	1453.1	1425.5	1383.7	1330.6	1213.3	1079.6	965.3	873.5	788.8	727.6	677.6
40°	1367.4	1374.5	1333.7	1285.7	1166.3	1029.6	903.1	815.3	735.7	678.6	629.6
42.5°	1274.5	1304.1	1280.6	1234.7	1114.3	974.5	857.1	760.2	682.7	623.5	582.7
45°	1174.5	1225.5	1211.2	1177.6	1060.2	916.3	791.8	698.0	629.6	572.5	536.7
47.5°	1065.3	1137.8	1137.8	1113.3	1000.0	858.2	735.7	639.8	572.5	531.6	496.9
50°	954.1	1035.7	1049.0	1032.7	932.7	791.8	667.4	580.6	522.5	482.7	457.1
52.5°	837.8	932.7	957.1	949.0	861.2	728.6	611.2	526.5	473.5	438.8	416.3
55°	726.5	836.7	863.3	866.3	784.7	659.2	549.0	474.5	423.5	400.0	380.6
57.5°	621.4	727.6	757.1	762.2	707.1	595.9	490.8	425.5	379.6	360.2	344.9
60°	531.6	620.4	659.2	670.4	622.5	522.5	436.7	373.5	338.8	320.4	306.1
62.5°	458.2	529.6	570.4	573.5	552.0	458.2	380.6	327.6	298.0	281.6	274.5
65°	386.7	451.0	475.5	487.8	470.4	396.9	328.6	284.7	261.2	246.9	239.8
67.5°	329.6	370.4	390.8	407.1	389.8	334.7	279.6	243.9	226.5	212.2	208.2
70°	270.4	304.1	319.4	335.7	320.4	278.6	238.8	206.1	190.8	179.6	174.5
72.5°	216.3	242.9	257.1	267.3	258.2	223.5	190.8	168.4	157.1	149.0	145.9
75°	171.4	189.8	198.0	205.1	201.0	174.5	154.1	135.7	125.5	118.4	116.3
77.5°	130.6	143.9	153.1	155.1	150.0	132.7	115.3	104.1	95.9	91.8	89.8
80°	92.9	101.0	106.1	109.2	104.1	96.9	84.7	76.5	69.4	64.3	63.3
82.5°	62.2	66.3	70.4	69.4	67.3	61.2	54.1	50.0	46.9	42.9	42.9
85°	35.7	36.7	38.8	39.8	38.8	34.7	30.6	28.6	26.5	23.5	23.5
87.5°	15.3	16.3	16.3	17.3	15.3	15.3	13.3	11.2	11.2	10.2	9.2
90°	7.1	5.3	4.8	4.2	3.5	2.8	1.4	0.4	1.4	2.8	3.5
92.5°	28.3	18.7	16.8	14.8	12.0	10.2	7.4	5.3	7.4	10.2	12.0
95°	50.9	34.6	30.4	26.2	20.5	17.3	13.8	12.4	13.8	17.3	20.5
97.5°	65.7	44.9	40.1	35.3	29.0	24.4	20.5	18.4	20.5	24.4	29.0
100°	72.8	54.1	49.2	44.2	37.1	31.5	28.3	27.2	28.3	31.5	37.1
102.5°	79.2	62.2	57.2	52.3	44.9	39.2	36.0	35.3	36.0	39.2	44.9
105°	86.6	70.0	65.0	60.1	52.3	47.0	44.5	43.1	44.5	47.0	52.3
107.5°	94.0	77.8	72.8	67.9	60.1	55.1	52.7	51.6	52.7	55.1	60.1
110°	101.4	85.9	80.8	75.6	68.2	63.6	61.5	60.1	61.5	63.6	68.2

TEST NUMBER: P1009281

CATALOG NUMBER: S122DIP-B675D330UB40-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
112.5°	108.5	93.7	88.4	83.1	76.0	71.7	69.3	67.9	69.3	71.7	76.0
115°	115.9	100.7	96.0	91.2	84.1	79.9	77.8	76.0	77.8	79.9	84.1
117.5°	122.6	108.5	103.6	98.6	91.9	88.0	85.9	84.5	85.9	88.0	91.9
120°	129.7	115.9	111.0	106.0	99.0	95.8	93.7	92.2	93.7	95.8	99.0
122.5°	136.4	123.7	118.6	113.4	106.4	102.8	100.7	99.7	100.7	102.8	106.4
125°	143.1	130.4	125.4	120.5	113.4	109.2	107.1	106.0	107.1	109.2	113.4
127.5°	149.5	137.1	132.0	126.9	120.2	115.6	112.7	111.3	112.7	115.6	120.2
130°	155.1	142.8	137.9	132.9	125.8	120.9	117.3	115.9	117.3	120.9	125.8
132.5°	160.1	148.4	143.4	138.5	131.1	125.8	121.9	120.2	121.9	125.8	131.1
135°	164.7	153.4	148.4	143.5	135.4	130.1	125.8	124.4	125.8	130.1	135.4
137.5°	168.6	157.3	152.7	148.1	140.0	134.3	130.1	128.3	130.1	134.3	140.0
140°	171.8	161.2	156.6	152.0	144.2	138.5	134.3	132.9	134.3	138.5	144.2
142.5°	174.2	164.0	159.8	155.5	148.1	142.4	138.5	137.5	138.5	142.4	148.1
145°	176.7	167.2	163.3	159.4	152.3	147.0	143.5	142.1	143.5	147.0	152.3
147.5°	178.8	169.6	166.1	162.6	156.6	151.6	148.1	147.0	148.1	151.6	156.6
150°	180.2	172.1	169.0	165.8	160.5	155.9	153.0	152.0	153.0	155.9	160.5
152.5°	181.7	174.6	171.8	168.9	164.0	160.1	157.3	156.9	157.3	160.1	164.0
155°	183.1	177.1	174.4	171.8	167.9	164.0	161.9	161.5	161.9	164.0	167.9
157.5°	184.1	178.8	176.5	174.2	171.1	167.5	165.8	165.4	165.8	167.5	171.1
160°	184.8	180.6	178.6	176.7	173.9	171.1	169.6	169.3	169.6	171.1	173.9
162.5°	185.2	181.7	180.2	178.8	176.4	174.2	172.8	173.2	172.8	174.2	176.4
165°	185.5	182.4	181.3	180.2	178.5	176.4	175.6	176.0	175.6	176.4	178.5
167.5°	185.5	183.1	182.4	181.7	180.2	178.8	178.1	178.5	178.1	178.8	180.2
170°	185.2	183.4	182.9	182.4	181.7	180.6	180.2	180.9	180.2	180.6	181.7
172.5°	184.8	183.8	183.4	183.1	182.7	181.7	182.0	182.4	182.0	181.7	182.7
175°	184.5	183.8	183.6	183.4	183.4	182.7	183.1	183.4	183.1	182.7	183.4
177.5°	184.1	183.8	183.8	183.8	183.8	183.1	183.4	184.1	183.4	183.1	183.8
180°	183.8	183.8	183.8	183.8	183.8	183.8	183.8	183.8	183.8	183.8	183.8

TEST NUMBER: P1009281

CATALOG NUMBER: S122DIP-B675D330UB40-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
0°	1327.6	1327.6	1327.6	1327.6	1327.6	1327.6	1327.6	1327.6	1327.6	1327.6	1327.6
2.5°	1313.3	1318.4	1317.4	1307.2	1295.9	1286.7	1269.4	1271.4	1265.3	1266.3	1272.5
5°	1280.6	1280.6	1276.5	1262.3	1243.9	1233.7	1214.3	1209.2	1196.9	1195.9	1194.9
7.5°	1245.9	1240.8	1235.7	1215.3	1192.9	1176.5	1150.0	1143.9	1131.6	1123.5	1119.4
10°	1205.1	1198.0	1187.8	1164.3	1136.7	1116.3	1088.8	1080.6	1057.1	1046.9	1040.8
12.5°	1160.2	1156.1	1139.8	1120.4	1075.5	1053.1	1013.3	1021.4	998.0	977.6	974.5
15°	1115.3	1100.0	1090.8	1059.2	1005.1	994.9	963.3	946.9	925.5	909.2	909.2
17.5°	1071.4	1048.0	1027.6	993.9	954.1	925.5	902.0	893.9	867.4	851.0	848.0
20°	1013.3	986.7	981.6	933.7	906.1	874.5	852.0	831.6	812.2	805.1	800.0
22.5°	958.2	927.6	919.4	878.6	851.0	819.4	796.9	782.7	768.4	763.3	754.1
25°	899.0	880.6	868.4	824.5	793.9	764.3	749.0	738.8	725.5	724.5	718.4
27.5°	841.8	824.5	812.2	770.4	748.0	720.4	708.2	696.9	689.8	686.7	683.7
30°	792.9	773.5	759.2	728.6	701.0	678.6	668.4	661.2	657.1	652.0	651.0
32.5°	738.8	727.6	708.2	684.7	663.3	641.8	635.7	630.6	624.5	622.5	621.4
35°	692.9	677.6	665.3	638.8	629.6	611.2	604.1	600.0	591.8	589.8	587.8
37.5°	648.0	633.7	620.4	604.1	586.7	576.5	572.5	566.3	562.2	563.3	561.2
40°	603.1	591.8	581.6	564.3	554.1	549.0	540.8	534.7	532.7	533.7	532.7
42.5°	559.2	549.0	542.9	529.6	519.4	514.3	509.2	503.1	506.1	506.1	509.2
45°	519.4	510.2	506.1	495.9	489.8	481.6	476.5	475.5	479.6	478.6	478.6
47.5°	478.6	475.5	470.4	461.2	453.1	448.0	446.9	446.9	451.0	453.1	452.0
50°	446.9	440.8	434.7	427.6	421.4	419.4	416.3	418.4	422.5	422.5	424.5
52.5°	407.1	403.1	401.0	394.9	390.8	390.8	390.8	391.8	394.9	398.0	396.9
55°	372.5	369.4	367.3	364.3	359.2	360.2	359.2	361.2	364.3	367.3	369.4
57.5°	335.7	334.7	332.7	327.6	327.6	326.5	329.6	330.6	335.7	337.8	340.8
60°	303.1	300.0	300.0	295.9	295.9	295.9	299.0	302.0	306.1	307.1	309.2
62.5°	268.4	268.4	267.3	264.3	264.3	267.3	268.4	272.5	274.5	274.5	277.6
65°	235.7	234.7	233.7	234.7	235.7	235.7	238.8	240.8	242.9	243.9	244.9
67.5°	203.1	202.0	204.1	203.1	205.1	209.2	208.2	211.2	214.3	214.3	215.3
70°	172.5	174.5	173.5	175.5	174.5	176.5	179.6	180.6	180.6	181.6	184.7
72.5°	143.9	143.9	143.9	142.9	143.9	145.9	148.0	149.0	151.0	152.0	155.1
75°	116.3	116.3	114.3	116.3	116.3	118.4	120.4	120.4	120.4	122.4	125.5
77.5°	87.8	88.8	87.8	89.8	89.8	90.8	92.9	91.8	93.9	94.9	95.9
80°	64.3	63.3	63.3	63.3	64.3	64.3	66.3	67.3	67.3	70.4	68.4
82.5°	40.8	41.8	40.8	41.8	41.8	42.9	41.8	42.9	43.9	45.9	44.9
85°	23.5	22.4	22.4	23.5	22.4	22.4	23.5	22.4	23.5	22.4	23.5
87.5°	9.2	8.2	8.2	8.2	8.2	7.1	7.1	6.1	6.1	6.1	5.1
90°	4.2	4.8	5.3	7.1	9.5	11.7	12.0	11.7	11.3	10.6	11.3
92.5°	14.8	16.8	18.7	28.3	41.7	53.7	54.4	45.6	35.7	30.4	26.5
95°	26.2	30.4	34.6	50.9	81.6	122.6	138.5	121.2	92.6	71.0	56.2
97.5°	35.3	40.1	44.9	65.7	108.5	174.6	225.8	227.6	189.4	151.3	115.6
100°	44.2	49.2	54.1	72.8	115.9	192.3	279.2	330.1	322.7	278.8	230.4
102.5°	52.3	57.2	62.2	79.2	116.3	185.5	281.0	368.3	410.0	408.5	376.4
105°	60.1	65.0	70.0	86.6	118.0	176.4	261.9	355.9	429.4	469.3	473.9
107.5°	67.9	72.8	77.8	94.0	121.9	171.4	244.2	329.7	408.5	467.9	502.6
110°	75.6	80.8	85.9	101.4	126.9	170.0	232.2	305.4	379.9	443.2	488.4

TEST NUMBER: P1009281

CATALOG NUMBER: S122DIP-B675D330UB40-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
112.5°	83.1	88.4	93.7	108.5	132.2	170.3	224.4	288.4	353.8	413.8	463.0
115°	91.2	96.0	100.7	115.9	137.5	171.8	219.1	275.0	333.3	387.7	434.0
117.5°	98.6	103.6	108.5	122.6	143.1	173.9	216.3	265.8	316.3	365.1	408.2
120°	106.0	111.0	115.9	129.7	148.8	176.0	213.8	258.7	304.3	348.1	385.6
122.5°	113.4	118.6	123.7	136.4	153.7	178.5	212.4	252.7	294.7	334.0	369.0
125°	120.5	125.4	130.4	143.1	159.0	180.9	210.6	247.0	285.6	322.0	353.1
127.5°	126.9	132.0	137.1	149.5	164.0	183.4	209.6	241.7	276.4	309.9	339.6
130°	132.9	137.9	142.8	155.1	168.6	186.2	208.9	236.4	267.5	297.9	325.8
132.5°	138.5	143.4	148.4	160.1	173.2	189.1	208.5	232.2	259.1	286.6	311.7
135°	143.5	148.4	153.4	164.7	177.1	191.2	208.2	228.3	251.3	274.6	297.9
137.5°	148.1	152.7	157.3	168.6	180.2	193.3	208.2	225.5	244.9	265.1	284.1
140°	152.0	156.6	161.2	171.8	182.7	194.7	207.8	223.0	238.9	255.9	272.1
142.5°	155.5	159.8	164.0	174.2	184.8	195.8	207.8	220.5	234.0	247.7	261.2
145°	159.4	163.3	167.2	176.7	186.6	196.5	207.1	218.4	229.4	241.0	252.0
147.5°	162.6	166.1	169.6	178.8	187.7	196.9	206.0	216.3	225.8	235.4	244.2
150°	165.8	169.0	172.1	180.2	188.4	196.5	205.0	213.5	221.9	229.7	237.1
152.5°	168.9	171.8	174.6	181.7	188.7	195.8	203.2	211.0	218.1	225.1	231.1
155°	171.8	174.4	177.1	183.1	189.1	195.1	201.1	207.8	214.5	220.2	225.5
157.5°	174.2	176.5	178.8	184.1	189.1	193.7	199.0	205.0	210.3	215.2	219.8
160°	176.7	178.6	180.6	184.8	189.1	192.6	196.9	201.8	206.4	210.3	214.2
162.5°	178.8	180.2	181.7	185.2	188.7	191.6	195.1	199.0	202.5	205.7	208.9
165°	180.2	181.3	182.4	185.5	188.0	190.1	192.6	195.8	198.6	201.1	203.6
167.5°	181.7	182.4	183.1	185.5	187.7	188.7	190.5	192.6	194.7	196.9	198.6
170°	182.4	182.9	183.4	185.2	187.0	187.7	188.7	190.1	191.9	193.0	194.4
172.5°	183.1	183.4	183.8	184.8	185.9	186.2	186.6	187.7	188.7	189.4	190.5
175°	183.4	183.6	183.8	184.5	185.2	184.8	185.2	185.5	186.6	187.0	187.3
177.5°	183.8	183.8	183.8	184.1	184.8	184.1	183.8	184.1	184.8	184.8	185.2
180°	183.8	183.8	183.8	183.8	183.8	183.8	183.8	183.8	183.8	183.8	183.8

TEST NUMBER: P1009281

CATALOG NUMBER: S122DIP-B675D330UB40-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
0°	1327.6	1327.6	1327.6	1327.6	1327.6	1327.6	1327.6	1327.6	1327.6	1327.6	1327.6
2.5°	1265.3	1268.4	1261.2	1259.2	1261.2	1254.1	1256.1	1258.2	1258.2	1261.2	1263.3
5°	1191.8	1187.8	1180.6	1178.6	1176.5	1179.6	1177.6	1180.6	1181.6	1188.8	1189.8
7.5°	1119.4	1113.3	1107.1	1101.0	1099.0	1093.9	1099.0	1099.0	1106.1	1104.1	1109.2
10°	1033.7	1032.7	1024.5	1021.4	1017.4	1009.2	1020.4	1017.4	1022.5	1031.6	1033.7
12.5°	970.4	959.2	964.3	950.0	955.1	946.9	948.0	948.0	956.1	957.1	955.1
15°	910.2	901.0	887.8	881.6	878.6	874.5	887.8	888.8	882.7	896.9	891.8
17.5°	849.0	849.0	836.7	833.7	825.5	829.6	827.6	828.6	826.5	836.7	841.8
20°	795.9	790.8	786.7	787.8	777.6	775.5	773.5	775.5	782.7	789.8	791.8
22.5°	753.1	750.0	739.8	741.8	733.7	736.7	734.7	739.8	740.8	740.8	748.0
25°	712.2	708.2	709.2	705.1	702.0	702.0	699.0	702.0	706.1	708.2	709.2
27.5°	681.6	678.6	673.5	670.4	672.5	667.4	671.4	674.5	674.5	672.5	674.5
30°	644.9	646.9	646.9	636.7	640.8	638.8	641.8	643.9	643.9	644.9	642.9
32.5°	620.4	614.3	613.3	612.2	612.2	608.2	608.2	611.2	612.2	613.3	616.3
35°	587.8	587.8	582.7	585.7	581.6	582.7	581.6	582.7	584.7	581.6	584.7
37.5°	558.2	559.2	557.1	559.2	560.2	558.2	556.1	560.2	558.2	558.2	556.1
40°	532.7	531.6	532.7	532.7	532.7	533.7	531.6	531.6	531.6	529.6	527.6
42.5°	511.2	505.1	507.1	508.2	505.1	505.1	506.1	505.1	508.2	502.0	502.0
45°	480.6	478.6	479.6	479.6	481.6	478.6	480.6	481.6	478.6	477.6	475.5
47.5°	453.1	455.1	453.1	455.1	455.1	457.1	453.1	454.1	455.1	451.0	448.0
50°	425.5	425.5	428.6	427.6	428.6	426.5	426.5	425.5	426.5	424.5	421.4
52.5°	400.0	396.9	402.0	401.0	400.0	399.0	398.0	399.0	396.9	394.9	394.9
55°	368.4	368.4	371.4	372.5	372.5	370.4	368.4	369.4	368.4	367.3	366.3
57.5°	342.9	338.8	340.8	341.8	341.8	338.8	340.8	338.8	338.8	339.8	336.7
60°	310.2	310.2	308.2	311.2	311.2	309.2	309.2	310.2	308.2	307.1	306.1
62.5°	275.5	276.5	279.6	280.6	281.6	279.6	277.6	278.6	278.6	275.5	276.5
65°	245.9	248.0	252.0	251.0	249.0	250.0	248.0	249.0	245.9	246.9	243.9
67.5°	217.3	216.3	217.3	217.3	219.4	218.4	216.3	216.3	215.3	218.4	215.3
70°	186.7	186.7	186.7	186.7	187.8	188.8	186.7	184.7	185.7	183.7	182.7
72.5°	155.1	156.1	155.1	157.1	154.1	156.1	156.1	155.1	154.1	154.1	154.1
75°	125.5	127.6	124.5	125.5	124.5	126.5	125.5	125.5	123.5	122.4	123.5
77.5°	95.9	96.9	94.9	95.9	94.9	95.9	95.9	94.9	94.9	94.9	94.9
80°	68.4	69.4	68.4	67.3	66.3	68.4	66.3	67.3	68.4	67.3	69.4
82.5°	43.9	43.9	42.9	43.9	41.8	41.8	42.9	42.9	41.8	43.9	41.8
85°	21.4	21.4	23.5	21.4	20.4	20.4	20.4	21.4	20.4	22.4	21.4
87.5°	5.1	4.1	5.1	5.1	4.1	4.1	5.1	4.1	5.1	6.1	4.1
90°	11.5	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.5
92.5°	25.1	23.7	23.3	21.9	22.3	21.6	22.3	21.9	23.3	23.7	25.1
95°	52.3	48.4	43.8	41.0	39.9	40.3	39.9	41.0	43.8	48.4	52.3
97.5°	105.0	94.4	80.6	73.5	69.6	67.5	69.6	73.5	80.6	94.4	105.0
100°	209.0	187.7	158.3	143.1	132.9	126.5	132.9	143.1	158.3	187.7	209.0
102.5°	353.4	330.4	297.9	269.3	255.9	246.7	255.9	269.3	297.9	330.4	353.4
105°	468.1	462.3	440.4	418.4	403.2	398.3	403.2	418.4	440.4	462.3	468.1
107.5°	509.6	516.7	516.3	513.2	508.6	500.4	508.6	513.2	516.3	516.7	509.6
110°	502.9	517.4	532.6	539.3	542.5	542.1	542.5	539.3	532.6	517.4	502.9

TEST NUMBER: P1009281

CATALOG NUMBER: S122DIP-B675D330UB40-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
112.5°	480.2	497.3	519.9	532.2	539.0	541.4	539.0	532.2	519.9	497.3	480.2
115°	452.2	470.4	495.5	511.7	520.9	524.1	520.9	511.7	495.5	470.4	452.2
117.5°	425.5	442.8	468.6	485.9	495.5	498.0	495.5	485.9	468.6	442.8	425.5
120°	401.6	417.7	442.5	459.1	469.3	472.9	469.3	459.1	442.5	417.7	401.6
122.5°	383.1	397.2	418.8	435.1	443.9	446.7	443.9	435.1	418.8	397.2	383.1
125°	366.4	379.6	400.1	413.5	422.3	425.2	422.3	413.5	400.1	379.6	366.4
127.5°	352.0	364.4	382.4	395.1	402.9	405.0	402.9	395.1	382.4	364.4	352.0
130°	337.5	349.2	366.5	378.5	385.6	388.4	385.6	378.5	366.5	349.2	337.5
132.5°	322.5	333.3	350.2	362.3	368.6	371.1	368.6	362.3	350.2	333.3	322.5
135°	307.8	317.7	332.9	344.6	350.9	352.4	350.9	344.6	332.9	317.7	307.8
137.5°	293.0	301.8	316.3	326.6	332.2	334.3	332.2	326.6	316.3	301.8	293.0
140°	279.9	287.7	299.0	308.2	313.5	315.6	313.5	308.2	299.0	287.7	279.9
142.5°	267.4	273.5	284.1	292.3	296.9	296.9	296.9	292.3	284.1	273.5	267.4
145°	257.1	262.2	270.7	276.7	280.3	281.3	280.3	276.7	270.7	262.2	257.1
147.5°	248.1	252.0	259.4	264.4	266.8	267.5	266.8	264.4	259.4	252.0	248.1
150°	240.3	243.5	248.8	253.0	255.2	255.5	255.2	253.0	248.8	243.5	240.3
152.5°	233.8	236.4	240.3	243.9	245.3	245.3	245.3	243.9	240.3	236.4	233.8
155°	227.4	229.4	233.3	235.7	237.1	236.4	237.1	235.7	233.3	229.4	227.4
157.5°	221.4	223.0	225.8	228.0	228.7	228.7	228.7	228.0	225.8	223.0	221.4
160°	215.4	216.6	219.1	220.9	221.2	221.2	221.2	220.9	219.1	216.6	215.4
162.5°	209.8	210.6	213.1	214.2	214.5	214.2	214.5	214.2	213.1	210.6	209.8
165°	204.3	205.0	206.4	207.8	207.8	207.5	207.8	207.8	206.4	205.0	204.3
167.5°	199.3	200.0	200.7	201.4	201.4	201.1	201.4	201.4	200.7	200.0	199.3
170°	194.8	195.1	195.4	196.5	196.1	195.4	196.1	196.5	195.4	195.1	194.8
172.5°	190.6	190.8	191.2	191.6	191.2	190.8	191.2	191.6	191.2	190.8	190.6
175°	187.5	187.7	187.7	188.0	187.7	187.0	187.7	188.0	187.7	187.7	187.5
177.5°	185.2	185.2	185.2	185.2	184.8	184.1	184.8	185.2	185.2	185.2	185.2
180°	183.8	183.8	183.8	183.8	183.8	183.8	183.8	183.8	183.8	183.8	183.8

TEST NUMBER: P1009281

CATALOG NUMBER: S122DIP-B675D330UB40-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
0°	1327.6	1327.6	1327.6	1327.6	1327.6	1327.6	1327.6	1327.6	1327.6	1327.6	1327.6
2.5°	1260.2	1268.4	1265.3	1254.1	1267.4	1267.4	1276.5	1276.5	1287.8	1291.8	1298.0
5°	1188.8	1194.9	1200.0	1194.9	1204.1	1218.4	1226.5	1233.7	1249.0	1255.1	1264.3
7.5°	1112.3	1123.5	1128.6	1128.6	1143.9	1160.2	1176.5	1186.7	1208.2	1216.3	1225.5
10°	1037.8	1051.0	1061.2	1060.2	1085.7	1095.9	1116.3	1139.8	1161.2	1173.5	1186.7
12.5°	959.2	966.3	980.6	1001.0	1007.1	1025.5	1049.0	1078.6	1117.4	1128.6	1148.0
15°	893.9	913.3	924.5	933.7	948.0	965.3	990.8	1019.4	1058.2	1082.7	1103.1
17.5°	838.8	864.3	871.4	869.4	887.8	914.3	943.9	965.3	1000.0	1029.6	1049.0
20°	793.9	804.1	816.3	821.4	835.7	864.3	892.9	917.4	945.9	969.4	991.8
22.5°	749.0	757.1	767.4	776.5	787.8	804.1	831.6	862.3	889.8	912.3	937.8
25°	712.2	717.4	726.5	733.7	745.9	757.1	776.5	810.2	842.9	856.1	878.6
27.5°	676.5	680.6	686.7	694.9	701.0	712.2	729.6	757.1	790.8	804.1	834.7
30°	644.9	648.0	654.1	658.2	661.2	674.5	687.8	709.2	734.7	753.1	775.5
32.5°	615.3	618.4	624.5	625.5	629.6	636.7	649.0	668.4	690.8	706.1	725.5
35°	582.7	584.7	590.8	592.9	595.9	602.0	611.2	625.5	645.9	657.1	674.5
37.5°	557.1	556.1	560.2	563.3	567.4	570.4	573.5	587.8	603.1	613.3	626.5
40°	529.6	527.6	528.6	532.7	534.7	538.8	538.8	553.1	563.3	571.4	581.6
42.5°	502.0	501.0	499.0	501.0	503.1	504.1	505.1	515.3	525.5	532.7	543.9
45°	474.5	473.5	471.4	472.5	472.5	474.5	477.6	481.6	488.8	494.9	501.0
47.5°	449.0	446.9	443.9	442.9	444.9	444.9	444.9	449.0	456.1	458.2	464.3
50°	422.5	419.4	415.3	413.3	413.3	412.2	414.3	415.3	421.4	423.5	428.6
52.5°	393.9	391.8	387.8	383.7	384.7	382.7	383.7	384.7	386.7	389.8	392.9
55°	365.3	361.2	358.2	357.1	354.1	354.1	351.0	355.1	354.1	355.1	359.2
57.5°	337.8	333.7	328.6	326.5	323.5	322.5	320.4	319.4	320.4	323.5	326.5
60°	305.1	303.1	300.0	296.9	294.9	291.8	289.8	289.8	288.8	288.8	289.8
62.5°	273.5	272.5	268.4	267.3	265.3	263.3	260.2	258.2	258.2	260.2	261.2
65°	242.9	241.8	238.8	237.8	232.7	230.6	229.6	228.6	226.5	226.5	226.5
67.5°	214.3	211.2	211.2	206.1	202.0	200.0	198.0	196.9	196.9	196.9	198.0
70°	182.7	182.7	179.6	176.5	172.5	173.5	170.4	167.3	167.3	165.3	166.3
72.5°	152.0	151.0	148.0	146.9	143.9	140.8	138.8	140.8	137.8	136.7	137.8
75°	122.4	121.4	119.4	117.3	118.4	115.3	112.2	111.2	111.2	109.2	109.2
77.5°	93.9	95.9	91.8	90.8	88.8	86.7	85.7	84.7	84.7	84.7	86.7
80°	65.3	66.3	66.3	64.3	65.3	62.2	62.2	62.2	59.2	60.2	61.2
82.5°	41.8	41.8	40.8	41.8	40.8	40.8	39.8	39.8	38.8	38.8	39.8
85°	23.5	22.4	21.4	23.5	22.4	22.4	21.4	21.4	21.4	21.4	21.4
87.5°	5.1	6.1	6.1	6.1	6.1	7.1	7.1	7.1	8.2	8.2	8.2
90°	11.3	10.6	11.3	11.7	12.0	11.7	9.5	7.1	5.3	4.8	4.2
92.5°	26.5	30.4	35.7	45.6	54.4	53.7	41.7	28.3	18.7	16.8	14.8
95°	56.2	71.0	92.6	121.2	138.5	122.6	81.6	50.9	34.6	30.4	26.2
97.5°	115.6	151.3	189.4	227.6	225.8	174.6	108.5	65.7	44.9	40.1	35.3
100°	230.4	278.8	322.7	330.1	279.2	192.3	115.9	72.8	54.1	49.2	44.2
102.5°	376.4	408.5	410.0	368.3	281.0	185.5	116.3	79.2	62.2	57.2	52.3
105°	473.9	469.3	429.4	355.9	261.9	176.4	118.0	86.6	70.0	65.0	60.1
107.5°	502.6	467.9	408.5	329.7	244.2	171.4	121.9	94.0	77.8	72.8	67.9
110°	488.4	443.2	379.9	305.4	232.2	170.0	126.9	101.4	85.9	80.8	75.6

TEST NUMBER: P1009281

CATALOG NUMBER: S122DIP-B675D330UB40-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
112.5°	463.0	413.8	353.8	288.4	224.4	170.3	132.2	108.5	93.7	88.4	83.1
115°	434.0	387.7	333.3	275.0	219.1	171.8	137.5	115.9	100.7	96.0	91.2
117.5°	408.2	365.1	316.3	265.8	216.3	173.9	143.1	122.6	108.5	103.6	98.6
120°	385.6	348.1	304.3	258.7	213.8	176.0	148.8	129.7	115.9	111.0	106.0
122.5°	369.0	334.0	294.7	252.7	212.4	178.5	153.7	136.4	123.7	118.6	113.4
125°	353.1	322.0	285.6	247.0	210.6	180.9	159.0	143.1	130.4	125.4	120.5
127.5°	339.6	309.9	276.4	241.7	209.6	183.4	164.0	149.5	137.1	132.0	126.9
130°	325.8	297.9	267.5	236.4	208.9	186.2	168.6	155.1	142.8	137.9	132.9
132.5°	311.7	286.6	259.1	232.2	208.5	189.1	173.2	160.1	148.4	143.4	138.5
135°	297.9	274.6	251.3	228.3	208.2	191.2	177.1	164.7	153.4	148.4	143.5
137.5°	284.1	265.1	244.9	225.5	208.2	193.3	180.2	168.6	157.3	152.7	148.1
140°	272.1	255.9	238.9	223.0	207.8	194.7	182.7	171.8	161.2	156.6	152.0
142.5°	261.2	247.7	234.0	220.5	207.8	195.8	184.8	174.2	164.0	159.8	155.5
145°	252.0	241.0	229.4	218.4	207.1	196.5	186.6	176.7	167.2	163.3	159.4
147.5°	244.2	235.4	225.8	216.3	206.0	196.9	187.7	178.8	169.6	166.1	162.6
150°	237.1	229.7	221.9	213.5	205.0	196.5	188.4	180.2	172.1	169.0	165.8
152.5°	231.1	225.1	218.1	211.0	203.2	195.8	188.7	181.7	174.6	171.8	168.9
155°	225.5	220.2	214.5	207.8	201.1	195.1	189.1	183.1	177.1	174.4	171.8
157.5°	219.8	215.2	210.3	205.0	199.0	193.7	189.1	184.1	178.8	176.5	174.2
160°	214.2	210.3	206.4	201.8	196.9	192.6	189.1	184.8	180.6	178.6	176.7
162.5°	208.9	205.7	202.5	199.0	195.1	191.6	188.7	185.2	181.7	180.2	178.8
165°	203.6	201.1	198.6	195.8	192.6	190.1	188.0	185.5	182.4	181.3	180.2
167.5°	198.6	196.9	194.7	192.6	190.5	188.7	187.7	185.5	183.1	182.4	181.7
170°	194.4	193.0	191.9	190.1	188.7	187.7	187.0	185.2	183.4	182.9	182.4
172.5°	190.5	189.4	188.7	187.7	186.6	186.2	185.9	184.8	183.8	183.4	183.1
175°	187.3	187.0	186.6	185.5	185.2	184.8	185.2	184.5	183.8	183.6	183.4
177.5°	185.2	184.8	184.8	184.1	183.8	184.1	184.8	184.1	183.8	183.8	183.8
180°	183.8	183.8	183.8	183.8	183.8	183.8	183.8	183.8	183.8	183.8	183.8

TEST NUMBER: P1009281

CATALOG NUMBER: S122DIP-B675D330UB40-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
0°	1327.6	1327.6	1327.6	1327.6
2.5°	1303.1	1303.1	1318.4	1334.7
5°	1274.5	1281.6	1306.1	1328.6
7.5°	1246.9	1259.2	1289.8	1318.4
10°	1213.3	1229.6	1267.4	1301.0
12.5°	1180.6	1195.9	1239.8	1277.6
15°	1134.7	1154.1	1201.0	1248.0
17.5°	1088.8	1108.2	1165.3	1220.4
20°	1034.7	1060.2	1124.5	1198.0
22.5°	984.7	1016.3	1087.8	1146.9
25°	929.6	978.6	1044.9	1121.4
27.5°	880.6	929.6	996.9	1074.5
30°	825.5	875.5	944.9	1016.3
32.5°	772.5	818.4	885.7	973.5
35°	717.4	761.2	826.5	915.3
37.5°	667.4	710.2	781.6	863.3
40°	618.4	663.3	724.5	806.1
42.5°	572.5	612.2	667.4	749.0
45°	530.6	559.2	610.2	686.7
47.5°	486.7	512.2	559.2	635.7
50°	445.9	467.3	508.2	579.6
52.5°	406.1	424.5	462.2	519.4
55°	370.4	387.8	415.3	471.4
57.5°	333.7	346.9	373.5	418.4
60°	298.0	310.2	331.6	368.4
62.5°	262.2	272.5	292.9	322.5
65°	230.6	238.8	254.1	279.6
67.5°	200.0	205.1	217.3	237.8
70°	170.4	174.5	184.7	201.0
72.5°	138.8	142.9	154.1	165.3
75°	112.2	113.3	121.4	130.6
77.5°	87.8	86.7	92.9	100.0
80°	60.2	63.3	68.4	71.4
82.5°	40.8	41.8	43.9	45.9
85°	22.4	23.5	23.5	26.5
87.5°	9.2	10.2	10.2	11.2
90°	3.5	2.8	1.4	0.4
92.5°	12.0	10.2	7.4	5.3
95°	20.5	17.3	13.8	12.4
97.5°	29.0	24.4	20.5	18.4
100°	37.1	31.5	28.3	27.2
102.5°	44.9	39.2	36.0	35.3
105°	52.3	47.0	44.5	43.1
107.5°	60.1	55.1	52.7	51.6
110°	68.2	63.6	61.5	60.1



TEST NUMBER: P1009281

CATALOG NUMBER: S122DIP-B675D330UB40-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
112.5°	76.0	71.7	69.3	67.9
115°	84.1	79.9	77.8	76.0
117.5°	91.9	88.0	85.9	84.5
120°	99.0	95.8	93.7	92.2
122.5°	106.4	102.8	100.7	99.7
125°	113.4	109.2	107.1	106.0
127.5°	120.2	115.6	112.7	111.3
130°	125.8	120.9	117.3	115.9
132.5°	131.1	125.8	121.9	120.2
135°	135.4	130.1	125.8	124.4
137.5°	140.0	134.3	130.1	128.3
140°	144.2	138.5	134.3	132.9
142.5°	148.1	142.4	138.5	137.5
145°	152.3	147.0	143.5	142.1
147.5°	156.6	151.6	148.1	147.0
150°	160.5	155.9	153.0	152.0
152.5°	164.0	160.1	157.3	156.9
155°	167.9	164.0	161.9	161.5
157.5°	171.1	167.5	165.8	165.4
160°	173.9	171.1	169.6	169.3
162.5°	176.4	174.2	172.8	173.2
165°	178.5	176.4	175.6	176.0
167.5°	180.2	178.8	178.1	178.5
170°	181.7	180.6	180.2	180.9
172.5°	182.7	181.7	182.0	182.4
175°	183.4	182.7	183.1	183.4
177.5°	183.8	183.1	183.4	184.1
180°	183.8	183.8	183.8	183.8

(END OF REPORT)