

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: P1009212

Luminaire Tested: S122DIP-B675D1080UB27-4F0-XX-W2A-A4

Issue Date: 5/7/2025

Test Information

Test Method: LM-79-2019
Report Number: P1009212
REPORT IS A COMBINATION OF REPORTS P984420 AND P1007351
Test Lab: INNOVATION CENTER
Issue Date: 5/7/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: NEO-RAY
Catalog Number: S122DIP-B675D1080UB27-4F0-XX-W2A-A4
Description: Define 2 Direct/Indirect Pendant with 2700K BioUP LEDs {m-DER=0.473} {m-EER=0.52}
Light Source: -
Ballast/Driver: -

Summary

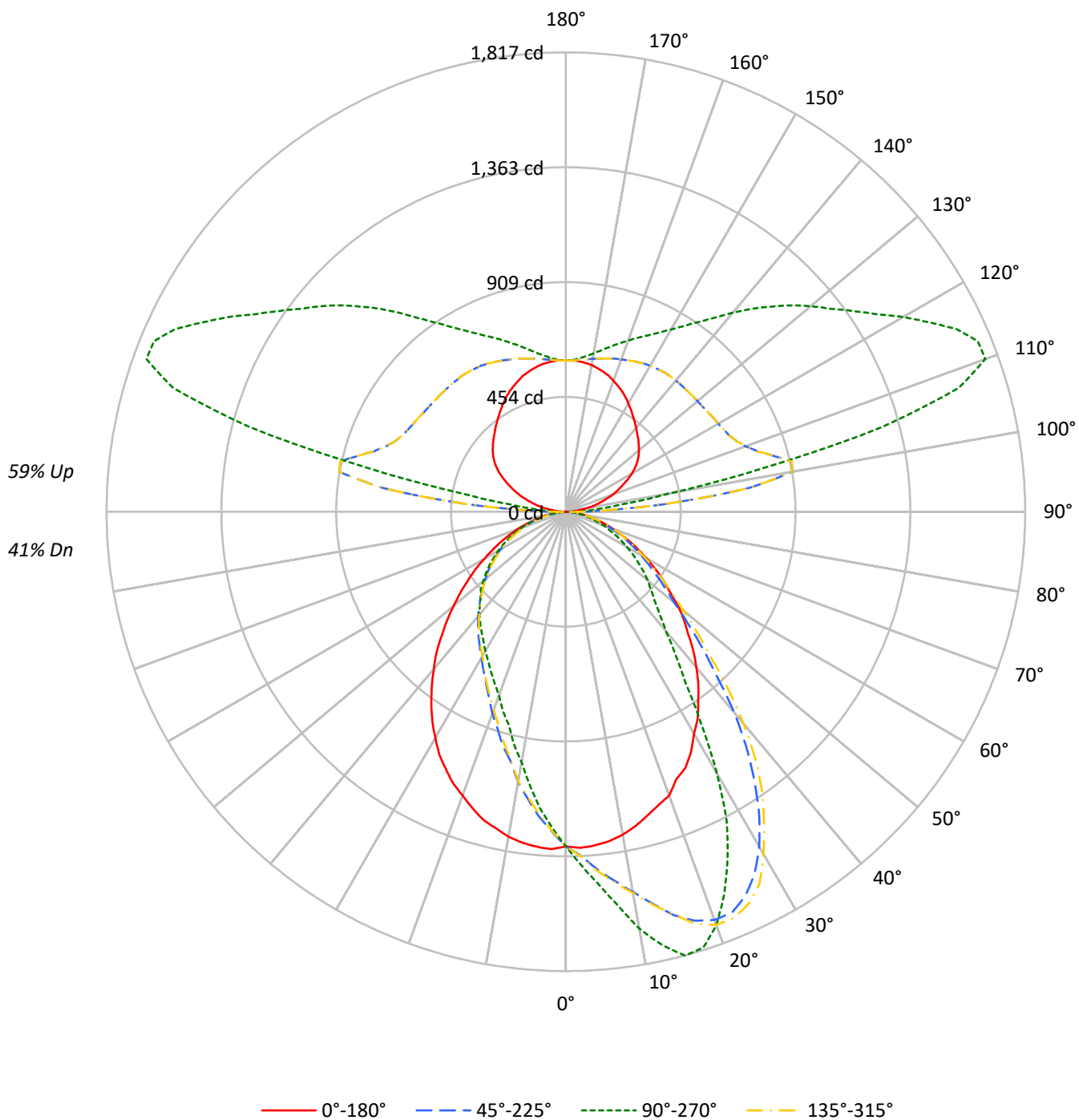
Lumens per Lamp: N/A
Luminaire Lumens: 7092.0 lumens
Efficiency: N/A
Efficacy: 100.0 lumens/watt
Spacing Criteria (0/90/45): 1.16 / 1.09 / 1.23
Luminous Opening: Rectangular w/ Sides (W: 0.17' x L: 4' x H: 0.1')
CIE Type: General Diffuse

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°	20950	20950	20950	20950
5°	21000	22337	21081	17772
10°	20756	24384	20887	14652
15°	20252	25721	20534	12342
20°	19937	24150	19937	10726
25°	19302	20747	19390	9593
30°	18256	16309	18604	8689
35°	17330	11278	17620	7951
40°	16266	8515	16450	7360
45°	14952	6997	15196	6725
50°	13817	6141	13841	6156
55°	12524	5233	12604	5539
60°	11143	4370	11297	4833
65°	9908	3554	10089	4127
70°	8679	2790	8900	3329
75°	7283	2025	7569	2414
80°	5684	1282	6092	1434
85°	3729	647	4026	477

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 157.5°

Vertical Angle: 45°

Luminance: 21656 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	126.1	1.8
10°-20°	366.9	5.2
20°-30°	532.5	7.5
30°-40°	561.3	7.9
40°-50°	496.7	7.0
50°-60°	396.6	5.6
60°-70°	269.4	3.8
70°-80°	137.8	1.9
80°-90°	36.4	0.5
90°-100°	233.3	3.3
100°-110°	821.7	11.6
110°-120°	863.0	12.2
120°-130°	709.9	10.0
130°-140°	570.3	8.0
140°-150°	430.8	6.1
150°-160°	302.9	4.3
160°-170°	178.3	2.5
170°-180°	58.0	0.8
0°-30°	1025.5	14.5
0°-40°	1586.8	22.4
0°-60°	2480.2	35.0
0°-90°	2923.8	41.2
90°-120°	1918.0	27.0
90°-150°	3629.0	51.2
90°-180°	4168.0	58.8
0°-180°	7092.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1324	1324	1324	1324	1324	
5°	1324	1478	1330	1176	1324	126
15°	1244	1817	1261	872	1244	351
25°	1118	1514	1123	700	1118	511
35°	912	824	928	581	912	571
45°	685	496	696	477	685	531
55°	470	349	473	369	470	419
65°	279	215	284	249	279	277
75°	130	106	135	126	130	140
85°	26	28	28	20	26	31
90°	1	38	1	38	1	4
95°	40	131	40	131	40	42
105°	140	1297	140	1297	140	149
115°	248	1707	248	1707	248	245
125°	345	1385	345	1385	345	307
135°	405	1148	405	1148	405	313
145°	463	916	463	916	463	290
155°	526	770	526	770	526	242
165°	573	676	573	676	573	162
175°	597	609	597	609	597	57
180°	598	598	598	598	598	

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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	1323.5	1323.5	1323.5	1323.5	1323.5	1323.5	1323.5	1323.5	1323.5	1323.5	1323.5
2.5°	1330.6	1333.7	1338.7	1339.8	1349.9	1358.1	1367.2	1367.2	1370.3	1369.3	1361.1
5°	1324.5	1333.7	1346.9	1358.1	1376.4	1384.5	1396.7	1405.9	1414.0	1420.1	1419.1
7.5°	1314.3	1330.6	1349.9	1371.3	1395.7	1409.9	1427.2	1443.5	1454.7	1464.9	1472.0
10°	1297.0	1324.5	1350.9	1379.4	1411.0	1430.3	1450.6	1472.0	1489.3	1508.6	1526.9
12.5°	1273.6	1313.3	1345.9	1383.5	1422.2	1443.5	1476.1	1492.3	1525.9	1574.7	1588.0
15°	1244.1	1298.0	1328.6	1376.4	1427.2	1444.5	1489.3	1515.7	1584.9	1615.4	1652.1
17.5°	1216.7	1276.7	1317.4	1372.3	1422.2	1455.7	1499.5	1553.4	1611.4	1655.1	1695.8
20°	1194.3	1252.3	1301.1	1362.1	1425.2	1467.9	1513.7	1578.8	1641.9	1686.6	1718.2
22.5°	1143.4	1217.7	1274.7	1342.8	1419.1	1478.1	1521.8	1593.1	1661.2	1688.7	1716.1
25°	1118.0	1182.1	1248.2	1325.5	1415.0	1485.2	1522.9	1602.2	1662.2	1672.4	1678.5
27.5°	1071.2	1143.4	1220.7	1309.2	1414.0	1473.0	1520.8	1593.1	1640.9	1633.8	1615.4
30°	1013.2	1101.7	1187.2	1282.8	1399.8	1463.9	1508.6	1574.7	1599.2	1562.5	1530.0
32.5°	970.5	1053.9	1148.5	1259.4	1383.5	1444.5	1488.3	1540.2	1545.2	1479.1	1424.2
35°	912.5	1005.1	1111.9	1228.9	1356.0	1411.0	1451.7	1483.2	1458.8	1366.2	1301.1
37.5°	860.6	952.2	1066.1	1185.1	1318.4	1372.3	1404.9	1409.9	1349.9	1268.5	1172.9
40°	803.7	898.3	1017.3	1142.4	1276.7	1323.5	1343.8	1328.6	1242.1	1147.5	1036.6
42.5°	746.7	840.3	968.4	1096.6	1223.8	1263.5	1271.6	1229.9	1124.1	1013.2	885.0
45°	684.6	782.3	910.5	1039.7	1162.7	1185.1	1186.1	1126.1	1001.0	885.0	766.0
47.5°	633.8	724.3	851.5	980.7	1084.4	1099.7	1093.6	1024.4	888.1	757.9	654.1
50°	577.8	664.3	790.4	917.6	1006.1	1010.2	994.9	896.2	763.0	643.9	561.5
52.5°	517.8	605.3	721.3	843.3	922.7	916.6	887.1	781.3	656.1	557.5	494.4
55°	470.0	547.3	656.1	775.2	831.1	813.8	781.3	673.4	574.8	491.3	436.4
57.5°	417.1	485.2	592.1	695.8	728.4	712.1	679.5	578.8	487.3	424.2	387.6
60°	367.2	429.3	522.9	609.4	634.8	617.5	579.8	489.3	423.2	370.3	342.8
62.5°	321.5	375.4	453.7	533.1	543.2	525.9	493.4	420.1	363.2	321.5	301.1
65°	278.7	329.6	392.7	452.7	461.8	443.5	410.0	357.1	309.3	282.8	263.5
67.5°	237.0	277.7	333.7	377.4	382.5	365.2	337.7	295.0	265.5	237.0	222.8
70°	200.4	230.9	274.7	310.3	312.3	296.0	281.8	243.1	220.7	200.4	189.2
72.5°	164.8	186.2	219.7	246.2	247.2	237.0	223.8	199.4	180.1	165.8	154.6
75°	130.2	148.5	168.9	192.3	191.2	183.1	172.9	157.7	141.4	132.2	127.2
77.5°	99.7	110.9	127.2	142.4	142.4	138.3	132.2	121.1	110.9	101.7	96.6
80°	71.2	78.3	91.6	96.6	98.7	97.7	92.6	84.4	80.4	73.2	71.2
82.5°	45.8	50.9	57.0	62.1	65.1	63.1	62.1	58.0	51.9	49.8	47.8
85°	26.4	28.5	31.5	34.6	35.6	34.6	36.6	33.6	30.5	30.5	29.5
87.5°	11.2	12.2	14.2	14.2	15.3	15.3	14.2	15.3	15.3	14.2	13.2
90°	1.2	4.6	9.2	11.5	13.8	15.6	17.3	23.0	31.1	38.0	39.1
92.5°	17.3	24.2	33.4	39.1	48.3	54.6	61.0	92.1	135.8	175.0	177.3
95°	40.3	44.9	56.4	66.8	85.2	99.0	112.8	165.7	265.9	399.4	451.2
97.5°	59.9	66.8	79.4	94.4	115.1	130.6	146.2	214.1	353.4	568.6	735.5
100°	88.6	92.1	102.4	120.9	143.9	160.0	176.1	237.1	377.5	626.2	909.3
102.5°	115.1	117.4	127.8	146.2	170.3	186.4	202.6	257.8	378.7	604.3	915.1
105°	140.4	145.0	153.1	170.3	195.7	211.8	227.9	282.0	384.4	574.4	852.9
107.5°	168.0	171.5	179.6	195.7	221.0	237.1	253.2	306.2	397.1	558.2	795.3
110°	195.7	200.3	207.2	222.1	246.3	263.0	279.7	330.3	413.2	553.6	756.2

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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	221.0	225.6	233.7	247.5	270.5	287.8	305.0	353.4	430.5	554.8	730.9
115°	247.5	253.2	260.1	273.9	297.0	312.5	328.0	377.5	447.7	559.4	713.6
117.5°	275.1	279.7	286.6	299.3	321.1	337.2	353.4	399.4	466.2	566.3	704.4
120°	300.4	305.0	311.9	322.3	345.3	361.4	377.5	422.4	484.6	573.2	696.4
122.5°	324.6	328.0	334.9	346.5	369.5	386.2	402.9	444.3	500.7	581.3	691.8
125°	345.3	348.8	355.7	369.5	392.5	408.6	424.7	466.2	518.0	589.3	686.0
127.5°	362.6	367.2	376.4	391.3	413.2	429.9	446.6	486.9	534.1	597.4	682.6
130°	377.5	382.1	393.6	409.8	432.8	448.9	465.0	505.3	549.0	606.6	680.2
132.5°	391.3	397.1	409.8	427.0	451.2	467.3	483.4	521.4	564.0	615.8	679.1
135°	405.2	409.8	423.6	440.8	467.3	483.4	499.5	536.4	576.7	622.7	677.9
137.5°	417.8	423.6	437.4	455.8	482.3	497.2	512.2	549.0	587.0	629.6	677.9
140°	432.8	437.4	451.2	469.6	494.9	509.9	524.9	559.4	595.1	634.2	676.8
142.5°	447.7	451.2	463.9	482.3	506.4	520.2	534.1	567.4	602.0	637.7	676.8
145°	462.7	467.3	478.8	496.1	519.1	531.8	544.4	575.5	607.7	640.0	674.5
147.5°	478.8	482.3	493.8	509.9	529.5	541.0	552.5	582.4	611.2	641.1	671.0
150°	494.9	498.4	507.6	522.6	539.8	550.2	560.5	587.0	613.5	640.0	667.6
152.5°	511.0	512.2	521.4	534.1	550.2	559.4	568.6	591.6	614.6	637.7	661.8
155°	526.0	527.2	534.1	546.7	559.4	568.0	576.7	596.2	615.8	635.4	654.9
157.5°	538.7	539.8	545.6	557.1	567.4	574.9	582.4	599.7	615.8	630.8	648.0
160°	551.3	552.5	557.1	566.3	575.5	581.8	588.2	602.0	615.8	627.3	641.1
162.5°	564.0	562.8	567.4	574.4	582.4	587.0	591.6	603.1	614.6	623.8	635.4
165°	573.2	572.1	574.4	581.3	587.0	590.4	593.9	604.3	612.3	619.2	627.3
167.5°	581.3	580.1	582.4	587.0	591.6	593.9	596.2	604.3	611.2	614.6	620.4
170°	589.3	587.0	588.2	591.6	593.9	595.6	597.4	603.1	608.9	611.2	614.6
172.5°	593.9	592.8	591.6	595.1	596.2	597.4	598.5	602.0	605.4	606.6	607.7
175°	597.4	596.2	595.1	597.4	597.4	598.0	598.5	600.8	603.1	602.0	603.1
177.5°	599.7	597.4	596.2	598.5	598.5	598.5	598.5	599.7	602.0	599.7	598.5
180°	598.5	598.5	598.5	598.5	598.5	598.5	598.5	598.5	598.5	598.5	598.5

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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	1323.5	1323.5	1323.5	1323.5	1323.5	1323.5	1323.5	1323.5	1323.5	1323.5	1323.5
2.5°	1375.4	1376.4	1378.4	1388.6	1393.7	1394.7	1390.6	1399.8	1402.8	1399.8	1397.7
5°	1440.5	1446.6	1458.8	1472.0	1471.0	1472.0	1478.1	1484.2	1486.2	1478.1	1481.2
7.5°	1497.4	1509.6	1522.9	1543.2	1543.2	1553.4	1557.5	1562.5	1574.7	1568.6	1566.6
10°	1562.5	1578.8	1603.2	1635.8	1636.8	1647.0	1657.1	1673.4	1678.5	1674.4	1676.5
12.5°	1643.9	1675.5	1677.5	1713.1	1729.4	1731.4	1747.7	1744.6	1754.8	1754.8	1772.1
15°	1679.5	1728.4	1755.8	1790.4	1800.6	1788.4	1801.6	1815.8	1816.9	1816.9	1815.8
17.5°	1743.6	1762.9	1790.4	1808.7	1812.8	1812.8	1813.8	1819.9	1815.8	1807.7	1813.8
20°	1756.8	1765.0	1775.2	1773.1	1775.2	1765.0	1754.8	1744.6	1745.7	1740.6	1755.8
22.5°	1732.4	1730.4	1707.0	1691.7	1691.7	1671.4	1652.1	1642.9	1633.8	1636.8	1641.9
25°	1671.4	1639.9	1611.4	1589.0	1583.9	1551.4	1524.9	1516.8	1501.5	1513.7	1515.7
27.5°	1573.7	1538.1	1492.3	1473.0	1446.6	1433.3	1415.0	1390.6	1359.1	1377.4	1374.3
30°	1469.0	1416.1	1378.4	1331.6	1289.9	1286.9	1252.3	1211.6	1195.3	1195.3	1204.5
32.5°	1352.0	1281.8	1226.8	1160.7	1120.0	1102.7	1061.0	1020.3	1029.5	999.0	1010.2
35°	1215.6	1123.1	1053.9	989.8	959.3	938.9	885.0	862.7	838.2	824.0	850.4
37.5°	1085.4	978.6	890.1	819.9	808.7	772.1	735.5	721.3	707.0	713.1	712.1
40°	926.7	832.1	752.8	697.9	678.5	661.2	636.8	619.5	610.4	615.5	616.5
42.5°	783.3	704.0	645.0	606.3	590.0	577.8	565.6	551.4	548.3	548.3	552.4
45°	672.4	607.3	567.6	536.1	527.0	517.8	508.6	502.5	500.5	496.4	499.5
47.5°	583.9	532.0	507.6	484.2	474.1	472.0	463.9	460.8	456.8	455.7	456.8
50°	509.7	477.1	454.7	441.5	434.4	431.3	427.3	421.2	419.1	424.2	422.2
52.5°	457.8	427.3	415.0	401.8	397.8	393.7	387.6	388.6	387.6	385.5	385.5
55°	405.9	386.6	374.4	364.2	363.2	359.1	354.0	352.0	351.0	348.9	352.0
57.5°	364.2	348.9	337.7	328.6	324.5	324.5	319.4	315.4	315.4	314.3	315.4
60°	322.5	307.2	300.1	290.9	287.9	286.9	283.8	281.8	278.7	278.7	278.7
62.5°	283.8	271.6	263.5	255.3	256.4	251.3	247.2	245.2	245.2	246.2	246.2
65°	247.2	239.1	228.9	221.8	219.7	218.7	216.7	215.7	212.6	214.6	214.6
67.5°	213.6	202.4	196.3	193.3	190.2	189.2	187.2	185.1	184.1	183.1	185.1
70°	180.1	170.9	165.8	163.8	160.7	159.7	158.7	155.6	156.7	157.7	158.7
72.5°	149.5	141.4	140.4	134.3	134.3	134.3	130.2	132.2	131.2	129.2	131.2
75°	118.0	113.9	111.9	108.8	109.9	108.8	107.8	104.8	104.8	105.8	106.8
77.5°	93.6	89.5	88.5	85.5	83.4	85.5	83.4	82.4	82.4	83.4	83.4
80°	69.2	67.1	64.1	64.1	64.1	63.1	63.1	63.1	62.1	61.0	62.1
82.5°	45.8	45.8	44.8	43.7	44.8	42.7	43.7	43.7	43.7	43.7	43.7
85°	29.5	28.5	28.5	27.5	27.5	27.5	28.5	26.4	26.4	27.5	27.5
87.5°	13.2	13.2	13.2	14.2	13.2	13.2	13.2	14.2	13.2	13.2	13.2
90°	38.0	36.8	34.5	36.8	37.4	38.0	38.0	38.0	38.0	38.0	38.0
92.5°	148.5	116.3	99.0	86.3	81.7	77.1	76.0	71.4	72.5	70.2	72.5
95°	394.8	301.6	231.4	183.0	170.4	157.7	142.7	133.5	130.1	131.2	130.1
97.5°	741.3	616.9	492.6	376.4	341.8	307.3	262.4	239.4	226.7	219.8	226.7
100°	1075.0	1050.9	908.1	750.5	680.8	611.2	515.7	466.2	432.8	412.1	432.8
102.5°	1199.4	1335.2	1330.6	1225.8	1151.0	1076.2	970.3	877.1	833.3	803.4	833.3
105°	1159.1	1398.5	1528.5	1543.5	1524.5	1505.5	1434.2	1362.8	1313.3	1297.2	1313.3
107.5°	1073.9	1330.6	1523.9	1636.7	1659.8	1682.8	1681.6	1671.3	1656.3	1629.8	1656.3
110°	994.5	1237.3	1443.4	1590.7	1637.9	1685.1	1734.6	1756.4	1766.8	1765.7	1766.8

TEST NUMBER: P1009212

CATALOG NUMBER: S122DIP-B675D1080UB27-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	939.2	1152.2	1347.8	1507.8	1563.6	1619.5	1693.1	1733.4	1755.3	1763.4	1755.3
115°	895.5	1085.4	1262.7	1413.4	1472.7	1532.0	1613.7	1666.7	1696.6	1707.0	1696.6
117.5°	865.6	1030.2	1189.0	1329.4	1385.8	1442.2	1526.2	1582.6	1613.7	1621.8	1613.7
120°	842.5	991.0	1133.7	1255.8	1308.2	1360.5	1441.1	1495.2	1528.5	1540.1	1528.5
122.5°	823.0	959.9	1087.7	1201.7	1247.7	1293.7	1363.9	1416.9	1445.7	1454.9	1445.7
125°	804.6	930.0	1048.6	1149.9	1193.1	1236.2	1302.9	1346.7	1375.5	1384.7	1375.5
127.5°	787.3	900.1	1009.4	1106.1	1146.4	1186.7	1245.4	1286.8	1312.2	1319.1	1312.2
130°	770.0	871.3	970.3	1061.2	1099.2	1137.2	1193.6	1232.7	1255.8	1265.0	1255.8
132.5°	756.2	843.7	933.5	1015.2	1050.3	1085.4	1140.7	1179.8	1200.5	1208.6	1200.5
135°	743.6	818.4	894.3	970.3	1002.6	1034.8	1084.3	1122.2	1143.0	1147.6	1143.0
137.5°	734.3	797.7	863.3	925.4	954.2	983.0	1030.2	1063.5	1082.0	1088.9	1082.0
140°	726.3	778.1	833.3	886.3	911.6	936.9	973.8	1003.7	1020.9	1027.9	1020.9
142.5°	718.2	762.0	806.9	850.6	870.8	890.9	925.4	951.9	966.9	966.9	966.9
145°	711.3	747.0	785.0	820.7	837.4	854.1	881.7	901.2	912.8	916.2	912.8
147.5°	704.4	735.5	766.6	795.3	808.0	820.7	844.8	861.0	869.0	871.3	869.0
150°	695.2	722.8	748.2	772.3	782.6	793.0	810.3	824.1	831.0	832.2	831.0
152.5°	687.2	710.2	733.2	752.8	761.4	770.0	782.7	794.2	798.8	798.8	798.8
155°	676.8	698.7	717.1	734.3	740.6	747.0	759.7	767.7	772.3	770.0	772.3
157.5°	667.6	684.9	701.0	715.9	721.1	726.3	735.5	742.4	744.7	744.7	744.7
160°	657.2	672.2	684.9	697.5	701.6	705.6	713.6	719.4	720.5	720.5	720.5
162.5°	648.0	659.5	669.9	680.2	683.1	686.0	694.1	697.5	698.7	697.5	698.7
165°	637.7	646.9	654.9	663.0	665.3	667.6	672.2	676.8	676.8	675.6	676.8
167.5°	627.3	634.2	641.1	646.9	649.2	651.5	653.8	656.1	656.1	654.9	656.1
170°	619.2	625.0	628.5	633.1	634.2	635.4	636.5	640.0	638.8	636.5	638.8
172.5°	611.2	614.6	616.9	620.4	621.0	621.5	622.7	623.8	622.7	621.5	622.7
175°	604.3	607.7	608.9	610.0	610.6	611.2	611.2	612.3	611.2	608.9	611.2
177.5°	599.7	602.0	602.0	603.1	603.1	603.1	603.1	603.1	602.0	599.7	602.0
180°	598.5	598.5	598.5	598.5	598.5	598.5	598.5	598.5	598.5	598.5	598.5

TEST NUMBER: P1009212

CATALOG NUMBER: S122DIP-B675D1080UB27-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	1323.5	1323.5	1323.5	1323.5	1323.5	1323.5	1323.5	1323.5	1323.5	1323.5	1323.5
2.5°	1402.8	1395.7	1389.6	1390.6	1395.7	1391.6	1381.5	1368.2	1363.2	1357.1	1363.2
5°	1487.3	1481.2	1469.0	1470.0	1466.9	1462.8	1446.6	1426.2	1426.2	1409.9	1407.9
7.5°	1570.7	1561.5	1553.4	1551.4	1540.2	1532.0	1517.8	1489.3	1478.1	1458.8	1447.6
10°	1664.3	1657.1	1648.0	1636.8	1630.7	1616.5	1593.1	1551.4	1531.0	1504.6	1485.2
12.5°	1758.9	1757.9	1737.5	1715.1	1714.1	1691.7	1675.5	1619.5	1592.0	1556.4	1510.7
15°	1818.9	1813.8	1802.6	1791.4	1794.5	1770.1	1733.4	1667.3	1649.0	1606.3	1557.5
17.5°	1817.9	1817.9	1814.8	1812.8	1809.7	1802.6	1782.3	1738.5	1709.0	1655.1	1609.3
20°	1759.9	1773.1	1776.2	1775.2	1785.3	1790.4	1789.4	1761.9	1738.5	1690.7	1643.9
22.5°	1643.9	1674.4	1687.7	1695.8	1717.2	1728.4	1754.8	1744.6	1738.5	1702.9	1663.3
25°	1536.1	1546.3	1585.9	1588.0	1617.5	1644.9	1671.4	1688.7	1711.1	1697.8	1664.3
27.5°	1396.7	1420.1	1448.6	1470.0	1476.1	1532.0	1575.8	1608.3	1659.2	1663.3	1652.1
30°	1239.0	1250.2	1297.0	1325.5	1358.1	1398.8	1461.8	1517.8	1563.6	1605.3	1619.5
32.5°	1046.8	1092.6	1120.0	1154.6	1183.1	1255.3	1332.6	1404.9	1457.8	1528.0	1558.5
35°	870.8	906.4	953.2	967.4	1019.3	1080.4	1181.1	1273.6	1354.0	1425.2	1487.3
37.5°	725.3	753.8	803.7	826.0	856.5	934.9	1019.3	1134.3	1230.9	1318.4	1395.7
40°	625.6	647.0	684.6	691.7	717.2	788.4	856.5	964.4	1092.6	1210.6	1295.0
42.5°	557.5	567.6	593.1	602.2	618.5	666.3	727.4	829.1	948.1	1070.2	1189.2
45°	508.6	515.8	531.0	539.2	559.5	580.9	630.7	712.1	805.7	928.8	1057.0
47.5°	464.9	474.1	480.2	485.2	496.4	519.8	552.4	612.4	701.9	814.8	938.9
50°	428.3	431.3	442.5	443.5	450.7	465.9	496.4	533.1	604.3	695.8	815.9
52.5°	391.7	394.7	401.8	408.9	412.0	424.2	444.6	475.1	528.0	600.2	707.0
55°	355.0	359.1	366.2	371.3	374.4	384.5	396.7	426.2	467.9	518.8	606.3
57.5°	318.4	327.6	329.6	332.7	337.7	348.9	360.1	377.4	410.0	456.8	520.8
60°	283.8	286.9	294.0	297.0	302.1	308.2	322.5	335.7	359.1	395.7	453.7
62.5°	248.2	255.3	258.4	261.4	265.5	272.6	281.8	296.0	316.4	345.9	391.7
65°	217.7	218.7	224.8	228.9	233.0	238.0	247.2	260.4	272.6	300.1	333.7
67.5°	188.2	190.2	192.3	196.3	201.4	206.5	214.6	221.8	237.0	255.3	281.8
70°	159.7	159.7	164.8	167.9	166.8	172.9	179.0	187.2	198.4	215.7	237.0
72.5°	134.3	133.3	137.3	138.3	140.4	144.5	148.5	156.7	162.8	176.0	192.3
75°	106.8	108.8	110.9	110.9	113.9	117.0	121.1	125.1	132.2	140.4	152.6
77.5°	84.4	84.4	86.5	87.5	90.5	89.5	93.6	97.7	102.7	109.9	119.0
80°	62.1	64.1	64.1	64.1	65.1	66.1	70.2	73.2	76.3	81.4	85.5
82.5°	43.7	43.7	45.8	45.8	45.8	47.8	47.8	48.8	50.9	53.9	57.0
85°	27.5	27.5	27.5	28.5	27.5	28.5	30.5	29.5	30.5	32.6	32.6
87.5°	13.2	13.2	13.2	13.2	13.2	14.2	13.2	14.2	15.3	15.3	15.3
90°	38.0	38.0	38.0	37.4	36.8	34.5	36.8	38.0	39.1	38.0	31.1
92.5°	71.4	76.0	77.1	81.7	86.3	99.0	116.3	148.5	177.3	175.0	135.8
95°	133.5	142.7	157.7	170.4	183.0	231.4	301.6	394.8	451.2	399.4	265.9
97.5°	239.4	262.4	307.3	341.8	376.4	492.6	616.9	741.3	735.5	568.6	353.4
100°	466.2	515.7	611.2	680.8	750.5	908.1	1050.9	1075.0	909.3	626.2	377.5
102.5°	877.1	970.3	1076.2	1151.0	1225.8	1330.6	1335.2	1199.4	915.1	604.3	378.7
105°	1362.8	1434.2	1505.5	1524.5	1543.5	1528.5	1398.5	1159.1	852.9	574.4	384.4
107.5°	1671.3	1681.6	1682.8	1659.8	1636.7	1523.9	1330.6	1073.9	795.3	558.2	397.1
110°	1756.4	1734.6	1685.1	1637.9	1590.7	1443.4	1237.3	994.5	756.2	553.6	413.2

TEST NUMBER: P1009212

CATALOG NUMBER: S122DIP-B675D1080UB27-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	1733.4	1693.1	1619.5	1563.6	1507.8	1347.8	1152.2	939.2	730.9	554.8	430.5
115°	1666.7	1613.7	1532.0	1472.7	1413.4	1262.7	1085.4	895.5	713.6	559.4	447.7
117.5°	1582.6	1526.2	1442.2	1385.8	1329.4	1189.0	1030.2	865.6	704.4	566.3	466.2
120°	1495.2	1441.1	1360.5	1308.2	1255.8	1133.7	991.0	842.5	696.4	573.2	484.6
122.5°	1416.9	1363.9	1293.7	1247.7	1201.7	1087.7	959.9	823.0	691.8	581.3	500.7
125°	1346.7	1302.9	1236.2	1193.1	1149.9	1048.6	930.0	804.6	686.0	589.3	518.0
127.5°	1286.8	1245.4	1186.7	1146.4	1106.1	1009.4	900.1	787.3	682.6	597.4	534.1
130°	1232.7	1193.6	1137.2	1099.2	1061.2	970.3	871.3	770.0	680.2	606.6	549.0
132.5°	1179.8	1140.7	1085.4	1050.3	1015.2	933.5	843.7	756.2	679.1	615.8	564.0
135°	1122.2	1084.3	1034.8	1002.6	970.3	894.3	818.4	743.6	677.9	622.7	576.7
137.5°	1063.5	1030.2	983.0	954.2	925.4	863.3	797.7	734.3	677.9	629.6	587.0
140°	1003.7	973.8	936.9	911.6	886.3	833.3	778.1	726.3	676.8	634.2	595.1
142.5°	951.9	925.4	890.9	870.8	850.6	806.9	762.0	718.2	676.8	637.7	602.0
145°	901.2	881.7	854.1	837.4	820.7	785.0	747.0	711.3	674.5	640.0	607.7
147.5°	861.0	844.8	820.7	808.0	795.3	766.6	735.5	704.4	671.0	641.1	611.2
150°	824.1	810.3	793.0	782.6	772.3	748.2	722.8	695.2	667.6	640.0	613.5
152.5°	794.2	782.7	770.0	761.4	752.8	733.2	710.2	687.2	661.8	637.7	614.6
155°	767.7	759.7	747.0	740.6	734.3	717.1	698.7	676.8	654.9	635.4	615.8
157.5°	742.4	735.5	726.3	721.1	715.9	701.0	684.9	667.6	648.0	630.8	615.8
160°	719.4	713.6	705.6	701.6	697.5	684.9	672.2	657.2	641.1	627.3	615.8
162.5°	697.5	694.1	686.0	683.1	680.2	669.9	659.5	648.0	635.4	623.8	614.6
165°	676.8	672.2	667.6	665.3	663.0	654.9	646.9	637.7	627.3	619.2	612.3
167.5°	656.1	653.8	651.5	649.2	646.9	641.1	634.2	627.3	620.4	614.6	611.2
170°	640.0	636.5	635.4	634.2	633.1	628.5	625.0	619.2	614.6	611.2	608.9
172.5°	623.8	622.7	621.5	621.0	620.4	616.9	614.6	611.2	607.7	606.6	605.4
175°	612.3	611.2	611.2	610.6	610.0	608.9	607.7	604.3	603.1	602.0	603.1
177.5°	603.1	603.1	603.1	603.1	603.1	602.0	602.0	599.7	598.5	599.7	602.0
180°	598.5	598.5	598.5	598.5	598.5	598.5	598.5	598.5	598.5	598.5	598.5

TEST NUMBER: P1009212

CATALOG NUMBER: S122DIP-B675D1080UB27-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
0°	1323.5	1323.5	1323.5	1323.5	1323.5	1323.5	1323.5	1323.5	1323.5	1323.5	1323.5
2.5°	1358.1	1353.0	1349.9	1352.0	1345.9	1330.6	1330.6	1335.7	1329.6	1323.5	1314.3
5°	1395.7	1385.5	1379.4	1378.4	1364.2	1339.8	1334.7	1329.6	1316.4	1302.1	1286.9
7.5°	1432.3	1414.0	1403.8	1396.7	1376.4	1344.8	1331.6	1320.4	1299.1	1277.7	1258.4
10°	1462.8	1436.4	1424.2	1413.0	1386.6	1346.9	1325.5	1305.2	1277.7	1250.2	1225.8
12.5°	1487.3	1456.7	1441.5	1425.2	1392.7	1340.8	1314.3	1281.8	1254.3	1217.7	1193.3
15°	1528.0	1464.9	1450.6	1435.4	1401.8	1330.6	1298.0	1261.4	1223.8	1175.0	1148.5
17.5°	1560.5	1476.1	1475.1	1442.5	1398.8	1326.5	1276.7	1228.9	1188.2	1139.4	1097.6
20°	1579.8	1493.4	1477.1	1443.5	1388.6	1299.1	1247.2	1194.3	1150.5	1091.5	1049.8
22.5°	1596.1	1517.8	1475.1	1434.4	1367.2	1289.9	1213.6	1163.8	1103.7	1039.7	1000.0
25°	1602.2	1522.9	1478.1	1431.3	1352.0	1263.5	1177.0	1123.1	1055.9	998.0	944.0
27.5°	1603.2	1521.8	1466.9	1418.1	1330.6	1228.9	1140.4	1083.4	1009.1	942.0	888.1
30°	1593.1	1510.7	1460.8	1407.9	1310.3	1197.3	1095.6	1032.5	953.2	886.1	830.1
32.5°	1562.5	1488.3	1447.6	1389.6	1283.8	1153.6	1052.9	982.7	899.3	833.2	779.2
35°	1511.7	1460.8	1416.1	1362.1	1249.2	1112.9	1010.2	927.8	843.3	780.3	729.4
37.5°	1448.6	1421.1	1379.4	1326.5	1209.5	1076.3	962.3	870.8	786.4	725.3	675.5
40°	1363.2	1370.3	1329.6	1281.8	1162.7	1026.4	900.3	812.8	733.5	676.5	627.7
42.5°	1270.6	1300.1	1276.7	1230.9	1110.9	971.5	854.5	757.9	680.6	621.6	580.9
45°	1170.9	1221.8	1207.5	1173.9	1057.0	913.5	789.4	695.8	627.7	570.7	535.1
47.5°	1062.0	1134.3	1134.3	1109.9	996.9	855.5	733.5	637.8	570.7	530.0	495.4
50°	951.2	1032.5	1045.8	1029.5	929.8	789.4	665.3	578.8	520.8	481.2	455.7
52.5°	835.2	929.8	954.2	946.1	858.6	726.3	609.4	524.9	472.0	437.4	415.0
55°	724.3	834.2	860.6	863.7	782.3	657.2	547.3	473.0	422.2	398.8	379.4
57.5°	619.5	725.3	754.8	759.9	705.0	594.1	489.3	424.2	378.4	359.1	343.8
60°	530.0	618.5	657.2	668.4	620.5	520.8	435.4	372.3	337.7	319.4	305.2
62.5°	456.8	528.0	568.7	571.7	550.3	456.8	379.4	326.5	297.0	280.8	273.6
65°	385.5	449.6	474.1	486.3	469.0	395.7	327.6	283.8	260.4	246.2	239.1
67.5°	328.6	369.3	389.6	405.9	388.6	333.7	278.7	243.1	225.8	211.6	207.5
70°	269.6	303.1	318.4	334.7	319.4	277.7	238.0	205.5	190.2	179.0	174.0
72.5°	215.7	242.1	256.4	266.5	257.4	222.8	190.2	167.9	156.7	148.5	145.5
75°	170.9	189.2	197.4	204.5	200.4	174.0	153.6	135.3	125.1	118.0	116.0
77.5°	130.2	143.4	152.6	154.6	149.5	132.2	115.0	103.8	95.6	91.6	89.5
80°	92.6	100.7	105.8	108.8	103.8	96.6	84.4	76.3	69.2	64.1	63.1
82.5°	62.1	66.1	70.2	69.2	67.1	61.0	53.9	49.8	46.8	42.7	42.7
85°	35.6	36.6	38.7	39.7	38.7	34.6	30.5	28.5	26.4	23.4	23.4
87.5°	15.3	16.3	16.3	17.3	15.3	15.3	13.2	11.2	11.2	10.2	9.2
90°	23.0	17.3	15.6	13.8	11.5	9.2	4.6	1.2	4.6	9.2	11.5
92.5°	92.1	61.0	54.6	48.3	39.1	33.4	24.2	17.3	24.2	33.4	39.1
95°	165.7	112.8	99.0	85.2	66.8	56.4	44.9	40.3	44.9	56.4	66.8
97.5°	214.1	146.2	130.6	115.1	94.4	79.4	66.8	59.9	66.8	79.4	94.4
100°	237.1	176.1	160.0	143.9	120.9	102.4	92.1	88.6	92.1	102.4	120.9
102.5°	257.8	202.6	186.4	170.3	146.2	127.8	117.4	115.1	117.4	127.8	146.2
105°	282.0	227.9	211.8	195.7	170.3	153.1	145.0	140.4	145.0	153.1	170.3
107.5°	306.2	253.2	237.1	221.0	195.7	179.6	171.5	168.0	171.5	179.6	195.7
110°	330.3	279.7	263.0	246.3	222.1	207.2	200.3	195.7	200.3	207.2	222.1

TEST NUMBER: P1009212

CATALOG NUMBER: S122DIP-B675D1080UB27-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
112.5°	353.4	305.0	287.8	270.5	247.5	233.7	225.6	221.0	225.6	233.7	247.5
115°	377.5	328.0	312.5	297.0	273.9	260.1	253.2	247.5	253.2	260.1	273.9
117.5°	399.4	353.4	337.2	321.1	299.3	286.6	279.7	275.1	279.7	286.6	299.3
120°	422.4	377.5	361.4	345.3	322.3	311.9	305.0	300.4	305.0	311.9	322.3
122.5°	444.3	402.9	386.2	369.5	346.5	334.9	328.0	324.6	328.0	334.9	346.5
125°	466.2	424.7	408.6	392.5	369.5	355.7	348.8	345.3	348.8	355.7	369.5
127.5°	486.9	446.6	429.9	413.2	391.3	376.4	367.2	362.6	367.2	376.4	391.3
130°	505.3	465.0	448.9	432.8	409.8	393.6	382.1	377.5	382.1	393.6	409.8
132.5°	521.4	483.4	467.3	451.2	427.0	409.8	397.1	391.3	397.1	409.8	427.0
135°	536.4	499.5	483.4	467.3	440.8	423.6	409.8	405.2	409.8	423.6	440.8
137.5°	549.0	512.2	497.2	482.3	455.8	437.4	423.6	417.8	423.6	437.4	455.8
140°	559.4	524.9	509.9	494.9	469.6	451.2	437.4	432.8	437.4	451.2	469.6
142.5°	567.4	534.1	520.2	506.4	482.3	463.9	451.2	447.7	451.2	463.9	482.3
145°	575.5	544.4	531.8	519.1	496.1	478.8	467.3	462.7	467.3	478.8	496.1
147.5°	582.4	552.5	541.0	529.5	509.9	493.8	482.3	478.8	482.3	493.8	509.9
150°	587.0	560.5	550.2	539.8	522.6	507.6	498.4	494.9	498.4	507.6	522.6
152.5°	591.6	568.6	559.4	550.2	534.1	521.4	512.2	511.0	512.2	521.4	534.1
155°	596.2	576.7	568.0	559.4	546.7	534.1	527.2	526.0	527.2	534.1	546.7
157.5°	599.7	582.4	574.9	567.4	557.1	545.6	539.8	538.7	539.8	545.6	557.1
160°	602.0	588.2	581.8	575.5	566.3	557.1	552.5	551.3	552.5	557.1	566.3
162.5°	603.1	591.6	587.0	582.4	574.4	567.4	562.8	564.0	562.8	567.4	574.4
165°	604.3	593.9	590.4	587.0	581.3	574.4	572.1	573.2	572.1	574.4	581.3
167.5°	604.3	596.2	593.9	591.6	587.0	582.4	580.1	581.3	580.1	582.4	587.0
170°	603.1	597.4	595.6	593.9	591.6	588.2	587.0	589.3	587.0	588.2	591.6
172.5°	602.0	598.5	597.4	596.2	595.1	591.6	592.8	593.9	592.8	591.6	595.1
175°	600.8	598.5	598.0	597.4	597.4	595.1	596.2	597.4	596.2	595.1	597.4
177.5°	599.7	598.5	598.5	598.5	598.5	596.2	597.4	599.7	597.4	596.2	598.5
180°	598.5	598.5	598.5	598.5	598.5	598.5	598.5	598.5	598.5	598.5	598.5

TEST NUMBER: P1009212

CATALOG NUMBER: S122DIP-B675D1080UB27-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
0°	1323.5	1323.5	1323.5	1323.5	1323.5	1323.5	1323.5	1323.5	1323.5	1323.5	1323.5
2.5°	1309.2	1314.3	1313.3	1303.1	1291.9	1282.8	1265.5	1267.5	1261.4	1262.4	1268.5
5°	1276.7	1276.7	1272.6	1258.4	1240.1	1229.9	1210.6	1205.5	1193.3	1192.3	1191.2
7.5°	1242.1	1237.0	1231.9	1211.6	1189.2	1172.9	1146.5	1140.4	1128.2	1120.0	1116.0
10°	1201.4	1194.3	1184.1	1160.7	1133.2	1112.9	1085.4	1077.3	1053.9	1043.7	1037.6
12.5°	1156.6	1152.6	1136.3	1117.0	1072.2	1049.8	1010.2	1018.3	994.9	974.6	971.5
15°	1111.9	1096.6	1087.5	1055.9	1002.0	991.8	960.3	944.0	922.7	906.4	906.4
17.5°	1068.1	1044.7	1024.4	990.8	951.2	922.7	899.3	891.1	864.7	848.4	845.4
20°	1010.2	983.7	978.6	930.8	903.3	871.8	849.4	829.1	809.8	802.6	797.5
22.5°	955.2	924.7	916.6	875.9	848.4	816.9	794.5	780.3	766.0	760.9	751.8
25°	896.2	877.9	865.7	822.0	791.4	761.9	746.7	736.5	723.3	722.3	716.2
27.5°	839.3	822.0	809.8	768.0	745.7	718.2	706.0	694.8	687.7	684.6	681.6
30°	790.4	771.1	756.9	726.3	698.9	676.5	666.3	659.2	655.1	650.0	649.0
32.5°	736.5	725.3	706.0	682.6	661.2	639.9	633.8	628.7	622.6	620.5	619.5
35°	690.7	675.5	663.3	636.8	627.7	609.4	602.2	598.2	590.0	588.0	586.0
37.5°	646.0	631.7	618.5	602.2	584.9	574.8	570.7	564.6	560.5	561.5	559.5
40°	601.2	590.0	579.8	562.6	552.4	547.3	539.2	533.1	531.0	532.0	531.0
42.5°	557.5	547.3	541.2	528.0	517.8	512.7	507.6	501.5	504.6	504.6	507.6
45°	517.8	508.6	504.6	494.4	488.3	480.2	475.1	474.1	478.1	477.1	477.1
47.5°	477.1	474.1	469.0	459.8	451.7	446.6	445.6	445.6	449.6	451.7	450.7
50°	445.6	439.5	433.4	426.2	420.1	418.1	415.0	417.1	421.2	421.2	423.2
52.5°	405.9	401.8	399.8	393.7	389.6	389.6	389.6	390.6	393.7	396.7	395.7
55°	371.3	368.3	366.2	363.2	358.1	359.1	358.1	360.1	363.2	366.2	368.3
57.5°	334.7	333.7	331.6	326.5	326.5	325.5	328.6	329.6	334.7	336.7	339.8
60°	302.1	299.1	299.1	295.0	295.0	295.0	298.1	301.1	305.2	306.2	308.2
62.5°	267.5	267.5	266.5	263.5	263.5	266.5	267.5	271.6	273.6	273.6	276.7
65°	235.0	234.0	233.0	234.0	235.0	235.0	238.0	240.1	242.1	243.1	244.1
67.5°	202.4	201.4	203.5	202.4	204.5	208.5	207.5	210.6	213.6	213.6	214.6
70°	171.9	174.0	172.9	175.0	174.0	176.0	179.0	180.1	180.1	181.1	184.1
72.5°	143.4	143.4	143.4	142.4	143.4	145.5	147.5	148.5	150.6	151.6	154.6
75°	116.0	116.0	113.9	116.0	116.0	118.0	120.0	120.0	120.0	122.1	125.1
77.5°	87.5	88.5	87.5	89.5	89.5	90.5	92.6	91.6	93.6	94.6	95.6
80°	64.1	63.1	63.1	63.1	64.1	64.1	66.1	67.1	67.1	70.2	68.2
82.5°	40.7	41.7	40.7	41.7	41.7	42.7	41.7	42.7	43.7	45.8	44.8
85°	23.4	22.4	22.4	23.4	22.4	22.4	23.4	22.4	23.4	22.4	23.4
87.5°	9.2	8.1	8.1	8.1	8.1	7.1	7.1	6.1	6.1	6.1	5.1
90°	13.8	15.6	17.3	23.0	31.1	38.0	39.1	38.0	36.8	34.5	36.8
92.5°	48.3	54.6	61.0	92.1	135.8	175.0	177.3	148.5	116.3	99.0	86.3
95°	85.2	99.0	112.8	165.7	265.9	399.4	451.2	394.8	301.6	231.4	183.0
97.5°	115.1	130.6	146.2	214.1	353.4	568.6	735.5	741.3	616.9	492.6	376.4
100°	143.9	160.0	176.1	237.1	377.5	626.2	909.3	1075.0	1050.9	908.1	750.5
102.5°	170.3	186.4	202.6	257.8	378.7	604.3	915.1	1199.4	1335.2	1330.6	1225.8
105°	195.7	211.8	227.9	282.0	384.4	574.4	852.9	1159.1	1398.5	1528.5	1543.5
107.5°	221.0	237.1	253.2	306.2	397.1	558.2	795.3	1073.9	1330.6	1523.9	1636.7
110°	246.3	263.0	279.7	330.3	413.2	553.6	756.2	994.5	1237.3	1443.4	1590.7

TEST NUMBER: P1009212

CATALOG NUMBER: S122DIP-B675D1080UB27-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
112.5°	270.5	287.8	305.0	353.4	430.5	554.8	730.9	939.2	1152.2	1347.8	1507.8
115°	297.0	312.5	328.0	377.5	447.7	559.4	713.6	895.5	1085.4	1262.7	1413.4
117.5°	321.1	337.2	353.4	399.4	466.2	566.3	704.4	865.6	1030.2	1189.0	1329.4
120°	345.3	361.4	377.5	422.4	484.6	573.2	696.4	842.5	991.0	1133.7	1255.8
122.5°	369.5	386.2	402.9	444.3	500.7	581.3	691.8	823.0	959.9	1087.7	1201.7
125°	392.5	408.6	424.7	466.2	518.0	589.3	686.0	804.6	930.0	1048.6	1149.9
127.5°	413.2	429.9	446.6	486.9	534.1	597.4	682.6	787.3	900.1	1009.4	1106.1
130°	432.8	448.9	465.0	505.3	549.0	606.6	680.2	770.0	871.3	970.3	1061.2
132.5°	451.2	467.3	483.4	521.4	564.0	615.8	679.1	756.2	843.7	933.5	1015.2
135°	467.3	483.4	499.5	536.4	576.7	622.7	677.9	743.6	818.4	894.3	970.3
137.5°	482.3	497.2	512.2	549.0	587.0	629.6	677.9	734.3	797.7	863.3	925.4
140°	494.9	509.9	524.9	559.4	595.1	634.2	676.8	726.3	778.1	833.3	886.3
142.5°	506.4	520.2	534.1	567.4	602.0	637.7	676.8	718.2	762.0	806.9	850.6
145°	519.1	531.8	544.4	575.5	607.7	640.0	674.5	711.3	747.0	785.0	820.7
147.5°	529.5	541.0	552.5	582.4	611.2	641.1	671.0	704.4	735.5	766.6	795.3
150°	539.8	550.2	560.5	587.0	613.5	640.0	667.6	695.2	722.8	748.2	772.3
152.5°	550.2	559.4	568.6	591.6	614.6	637.7	661.8	687.2	710.2	733.2	752.8
155°	559.4	568.0	576.7	596.2	615.8	635.4	654.9	676.8	698.7	717.1	734.3
157.5°	567.4	574.9	582.4	599.7	615.8	630.8	648.0	667.6	684.9	701.0	715.9
160°	575.5	581.8	588.2	602.0	615.8	627.3	641.1	657.2	672.2	684.9	697.5
162.5°	582.4	587.0	591.6	603.1	614.6	623.8	635.4	648.0	659.5	669.9	680.2
165°	587.0	590.4	593.9	604.3	612.3	619.2	627.3	637.7	646.9	654.9	663.0
167.5°	591.6	593.9	596.2	604.3	611.2	614.6	620.4	627.3	634.2	641.1	646.9
170°	593.9	595.6	597.4	603.1	608.9	611.2	614.6	619.2	625.0	628.5	633.1
172.5°	596.2	597.4	598.5	602.0	605.4	606.6	607.7	611.2	614.6	616.9	620.4
175°	597.4	598.0	598.5	600.8	603.1	602.0	603.1	604.3	607.7	608.9	610.0
177.5°	598.5	598.5	598.5	599.7	602.0	599.7	598.5	599.7	602.0	602.0	603.1
180°	598.5	598.5	598.5	598.5	598.5	598.5	598.5	598.5	598.5	598.5	598.5

TEST NUMBER: P1009212

CATALOG NUMBER: S122DIP-B675D1080UB27-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
0°	1323.5	1323.5	1323.5	1323.5	1323.5	1323.5	1323.5	1323.5	1323.5	1323.5	1323.5
2.5°	1261.4	1264.5	1257.4	1255.3	1257.4	1250.2	1252.3	1254.3	1254.3	1257.4	1259.4
5°	1188.2	1184.1	1177.0	1175.0	1172.9	1176.0	1173.9	1177.0	1178.0	1185.1	1186.1
7.5°	1116.0	1109.9	1103.7	1097.6	1095.6	1090.5	1095.6	1095.6	1102.7	1100.7	1105.8
10°	1030.5	1029.5	1021.3	1018.3	1014.2	1006.1	1017.3	1014.2	1019.3	1028.5	1030.5
12.5°	967.4	956.2	961.3	947.1	952.2	944.0	945.1	945.1	953.2	954.2	952.2
15°	907.4	898.3	885.0	878.9	875.9	871.8	885.0	886.1	879.9	894.2	889.1
17.5°	846.4	846.4	834.2	831.1	823.0	827.0	825.0	826.0	824.0	834.2	839.3
20°	793.5	788.4	784.3	785.3	775.2	773.1	771.1	773.1	780.3	787.4	789.4
22.5°	750.8	747.7	737.5	739.6	731.4	734.5	732.4	737.5	738.5	738.5	745.7
25°	710.1	706.0	707.0	702.9	699.9	699.9	696.8	699.9	704.0	706.0	707.0
27.5°	679.5	676.5	671.4	668.4	670.4	665.3	669.4	672.4	672.4	670.4	672.4
30°	642.9	645.0	645.0	634.8	638.9	636.8	639.9	641.9	641.9	642.9	640.9
32.5°	618.5	612.4	611.4	610.4	610.4	606.3	606.3	609.4	610.4	611.4	614.4
35°	586.0	586.0	580.9	583.9	579.8	580.9	579.8	580.9	582.9	579.8	582.9
37.5°	556.5	557.5	555.4	557.5	558.5	556.5	554.4	558.5	556.5	556.5	554.4
40°	531.0	530.0	531.0	531.0	531.0	532.0	530.0	530.0	530.0	528.0	525.9
42.5°	509.7	503.6	505.6	506.6	503.6	503.6	504.6	503.6	506.6	500.5	500.5
45°	479.1	477.1	478.1	478.1	480.2	477.1	479.1	480.2	477.1	476.1	474.1
47.5°	451.7	453.7	451.7	453.7	453.7	455.7	451.7	452.7	453.7	449.6	446.6
50°	424.2	424.2	427.3	426.2	427.3	425.2	425.2	424.2	425.2	423.2	420.1
52.5°	398.8	395.7	400.8	399.8	398.8	397.8	396.7	397.8	395.7	393.7	393.7
55°	367.2	367.2	370.3	371.3	371.3	369.3	367.2	368.3	367.2	366.2	365.2
57.5°	341.8	337.7	339.8	340.8	340.8	337.7	339.8	337.7	337.7	338.8	335.7
60°	309.3	309.3	307.2	310.3	310.3	308.2	308.2	309.3	307.2	306.2	305.2
62.5°	274.7	275.7	278.7	279.8	280.8	278.7	276.7	277.7	277.7	274.7	275.7
65°	245.2	247.2	251.3	250.3	248.2	249.2	247.2	248.2	245.2	246.2	243.1
67.5°	216.7	215.7	216.7	216.7	218.7	217.7	215.7	215.7	214.6	217.7	214.6
70°	186.2	186.2	186.2	186.2	187.2	188.2	186.2	184.1	185.1	183.1	182.1
72.5°	154.6	155.6	154.6	156.7	153.6	155.6	155.6	154.6	153.6	153.6	153.6
75°	125.1	127.2	124.1	125.1	124.1	126.1	125.1	125.1	123.1	122.1	123.1
77.5°	95.6	96.6	94.6	95.6	94.6	95.6	95.6	94.6	94.6	94.6	94.6
80°	68.2	69.2	68.2	67.1	66.1	68.2	66.1	67.1	68.2	67.1	69.2
82.5°	43.7	43.7	42.7	43.7	41.7	41.7	42.7	42.7	41.7	43.7	41.7
85°	21.4	21.4	23.4	21.4	20.3	20.3	20.3	21.4	20.3	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°	37.4	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	37.4
92.5°	81.7	77.1	76.0	71.4	72.5	70.2	72.5	71.4	76.0	77.1	81.7
95°	170.4	157.7	142.7	133.5	130.1	131.2	130.1	133.5	142.7	157.7	170.4
97.5°	341.8	307.3	262.4	239.4	226.7	219.8	226.7	239.4	262.4	307.3	341.8
100°	680.8	611.2	515.7	466.2	432.8	412.1	432.8	466.2	515.7	611.2	680.8
102.5°	1151.0	1076.2	970.3	877.1	833.3	803.4	833.3	877.1	970.3	1076.2	1151.0
105°	1524.5	1505.5	1434.2	1362.8	1313.3	1297.2	1313.3	1362.8	1434.2	1505.5	1524.5
107.5°	1659.8	1682.8	1681.6	1671.3	1656.3	1629.8	1656.3	1671.3	1681.6	1682.8	1659.8
110°	1637.9	1685.1	1734.6	1756.4	1766.8	1765.7	1766.8	1756.4	1734.6	1685.1	1637.9

TEST NUMBER: P1009212

CATALOG NUMBER: S122DIP-B675D1080UB27-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
112.5°	1563.6	1619.5	1693.1	1733.4	1755.3	1763.4	1755.3	1733.4	1693.1	1619.5	1563.6
115°	1472.7	1532.0	1613.7	1666.7	1696.6	1707.0	1696.6	1666.7	1613.7	1532.0	1472.7
117.5°	1385.8	1442.2	1526.2	1582.6	1613.7	1621.8	1613.7	1582.6	1526.2	1442.2	1385.8
120°	1308.2	1360.5	1441.1	1495.2	1528.5	1540.1	1528.5	1495.2	1441.1	1360.5	1308.2
122.5°	1247.7	1293.7	1363.9	1416.9	1445.7	1454.9	1445.7	1416.9	1363.9	1293.7	1247.7
125°	1193.1	1236.2	1302.9	1346.7	1375.5	1384.7	1375.5	1346.7	1302.9	1236.2	1193.1
127.5°	1146.4	1186.7	1245.4	1286.8	1312.2	1319.1	1312.2	1286.8	1245.4	1186.7	1146.4
130°	1099.2	1137.2	1193.6	1232.7	1255.8	1265.0	1255.8	1232.7	1193.6	1137.2	1099.2
132.5°	1050.3	1085.4	1140.7	1179.8	1200.5	1208.6	1200.5	1179.8	1140.7	1085.4	1050.3
135°	1002.6	1034.8	1084.3	1122.2	1143.0	1147.6	1143.0	1122.2	1084.3	1034.8	1002.6
137.5°	954.2	983.0	1030.2	1063.5	1082.0	1088.9	1082.0	1063.5	1030.2	983.0	954.2
140°	911.6	936.9	973.8	1003.7	1020.9	1027.9	1020.9	1003.7	973.8	936.9	911.6
142.5°	870.8	890.9	925.4	951.9	966.9	966.9	966.9	951.9	925.4	890.9	870.8
145°	837.4	854.1	881.7	901.2	912.8	916.2	912.8	901.2	881.7	854.1	837.4
147.5°	808.0	820.7	844.8	861.0	869.0	871.3	869.0	861.0	844.8	820.7	808.0
150°	782.6	793.0	810.3	824.1	831.0	832.2	831.0	824.1	810.3	793.0	782.6
152.5°	761.4	770.0	782.7	794.2	798.8	798.8	798.8	794.2	782.7	770.0	761.4
155°	740.6	747.0	759.7	767.7	772.3	770.0	772.3	767.7	759.7	747.0	740.6
157.5°	721.1	726.3	735.5	742.4	744.7	744.7	744.7	742.4	735.5	726.3	721.1
160°	701.6	705.6	713.6	719.4	720.5	720.5	720.5	719.4	713.6	705.6	701.6
162.5°	683.1	686.0	694.1	697.5	698.7	697.5	698.7	697.5	694.1	686.0	683.1
165°	665.3	667.6	672.2	676.8	676.8	675.6	676.8	676.8	672.2	667.6	665.3
167.5°	649.2	651.5	653.8	656.1	656.1	654.9	656.1	656.1	653.8	651.5	649.2
170°	634.2	635.4	636.5	640.0	638.8	636.5	638.8	640.0	636.5	635.4	634.2
172.5°	621.0	621.5	622.7	623.8	622.7	621.5	622.7	623.8	622.7	621.5	621.0
175°	610.6	611.2	611.2	612.3	611.2	608.9	611.2	612.3	611.2	611.2	610.6
177.5°	603.1	603.1	603.1	603.1	602.0	599.7	602.0	603.1	603.1	603.1	603.1
180°	598.5	598.5	598.5	598.5	598.5	598.5	598.5	598.5	598.5	598.5	598.5

TEST NUMBER: P1009212

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CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
0°	1323.5	1323.5	1323.5	1323.5	1323.5	1323.5	1323.5	1323.5	1323.5	1323.5	1323.5
2.5°	1256.3	1264.5	1261.4	1250.2	1263.5	1263.5	1272.6	1272.6	1283.8	1287.9	1294.0
5°	1185.1	1191.2	1196.3	1191.2	1200.4	1214.6	1222.8	1229.9	1245.1	1251.3	1260.4
7.5°	1108.8	1120.0	1125.1	1125.1	1140.4	1156.6	1172.9	1183.1	1204.5	1212.6	1221.8
10°	1034.6	1047.8	1058.0	1057.0	1082.4	1092.6	1112.9	1136.3	1157.7	1169.9	1183.1
12.5°	956.2	963.4	977.6	998.0	1004.1	1022.4	1045.8	1075.3	1113.9	1125.1	1144.4
15°	891.1	910.5	921.7	930.8	945.1	962.3	987.8	1016.3	1054.9	1079.3	1099.7
17.5°	836.2	861.6	868.8	866.7	885.0	911.5	941.0	962.3	996.9	1026.4	1045.8
20°	791.4	801.6	813.8	818.9	833.2	861.6	890.1	914.5	943.0	966.4	988.8
22.5°	746.7	754.8	765.0	774.1	785.3	801.6	829.1	859.6	887.1	909.4	934.9
25°	710.1	715.1	724.3	731.4	743.6	754.8	774.1	807.7	840.3	853.5	875.9
27.5°	674.5	678.5	684.6	692.8	698.9	710.1	727.4	754.8	788.4	801.6	832.1
30°	642.9	646.0	652.1	656.1	659.2	672.4	685.6	707.0	732.4	750.8	773.1
32.5°	613.4	616.5	622.6	623.6	627.7	634.8	647.0	666.3	688.7	704.0	723.3
35°	580.9	582.9	589.0	591.0	594.1	600.2	609.4	623.6	643.9	655.1	672.4
37.5°	555.4	554.4	558.5	561.5	565.6	568.7	571.7	586.0	601.2	611.4	624.6
40°	528.0	525.9	527.0	531.0	533.1	537.1	537.1	551.4	561.5	569.7	579.8
42.5°	500.5	499.5	497.4	499.5	501.5	502.5	503.6	513.7	523.9	531.0	542.2
45°	473.0	472.0	470.0	471.0	471.0	473.0	476.1	480.2	487.3	493.4	499.5
47.5°	447.6	445.6	442.5	441.5	443.5	443.5	443.5	447.6	454.7	456.8	462.9
50°	421.2	418.1	414.0	412.0	412.0	411.0	413.0	414.0	420.1	422.2	427.3
52.5°	392.7	390.6	386.6	382.5	383.5	381.5	382.5	383.5	385.5	388.6	391.7
55°	364.2	360.1	357.1	356.0	353.0	353.0	349.9	354.0	353.0	354.0	358.1
57.5°	336.7	332.7	327.6	325.5	322.5	321.5	319.4	318.4	319.4	322.5	325.5
60°	304.2	302.1	299.1	296.0	294.0	290.9	288.9	288.9	287.9	287.9	288.9
62.5°	272.6	271.6	267.5	266.5	264.5	262.5	259.4	257.4	257.4	259.4	260.4
65°	242.1	241.1	238.0	237.0	231.9	229.9	228.9	227.9	225.8	225.8	225.8
67.5°	213.6	210.6	210.6	205.5	201.4	199.4	197.4	196.3	196.3	196.3	197.4
70°	182.1	182.1	179.0	176.0	171.9	172.9	169.9	166.8	166.8	164.8	165.8
72.5°	151.6	150.6	147.5	146.5	143.4	140.4	138.3	140.4	137.3	136.3	137.3
75°	122.1	121.1	119.0	117.0	118.0	115.0	111.9	110.9	110.9	108.8	108.8
77.5°	93.6	95.6	91.6	90.5	88.5	86.5	85.5	84.4	84.4	84.4	86.5
80°	65.1	66.1	66.1	64.1	65.1	62.1	62.1	62.1	59.0	60.0	61.0
82.5°	41.7	41.7	40.7	41.7	40.7	40.7	39.7	39.7	38.7	38.7	39.7
85°	23.4	22.4	21.4	23.4	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	8.1	8.1	8.1
90°	36.8	34.5	36.8	38.0	39.1	38.0	31.1	23.0	17.3	15.6	13.8
92.5°	86.3	99.0	116.3	148.5	177.3	175.0	135.8	92.1	61.0	54.6	48.3
95°	183.0	231.4	301.6	394.8	451.2	399.4	265.9	165.7	112.8	99.0	85.2
97.5°	376.4	492.6	616.9	741.3	735.5	568.6	353.4	214.1	146.2	130.6	115.1
100°	750.5	908.1	1050.9	1075.0	909.3	626.2	377.5	237.1	176.1	160.0	143.9
102.5°	1225.8	1330.6	1335.2	1199.4	915.1	604.3	378.7	257.8	202.6	186.4	170.3
105°	1543.5	1528.5	1398.5	1159.1	852.9	574.4	384.4	282.0	227.9	211.8	195.7
107.5°	1636.7	1523.9	1330.6	1073.9	795.3	558.2	397.1	306.2	253.2	237.1	221.0
110°	1590.7	1443.4	1237.3	994.5	756.2	553.6	413.2	330.3	279.7	263.0	246.3

TEST NUMBER: P1009212

CATALOG NUMBER: S122DIP-B675D1080UB27-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
112.5°	1507.8	1347.8	1152.2	939.2	730.9	554.8	430.5	353.4	305.0	287.8	270.5
115°	1413.4	1262.7	1085.4	895.5	713.6	559.4	447.7	377.5	328.0	312.5	297.0
117.5°	1329.4	1189.0	1030.2	865.6	704.4	566.3	466.2	399.4	353.4	337.2	321.1
120°	1255.8	1133.7	991.0	842.5	696.4	573.2	484.6	422.4	377.5	361.4	345.3
122.5°	1201.7	1087.7	959.9	823.0	691.8	581.3	500.7	444.3	402.9	386.2	369.5
125°	1149.9	1048.6	930.0	804.6	686.0	589.3	518.0	466.2	424.7	408.6	392.5
127.5°	1106.1	1009.4	900.1	787.3	682.6	597.4	534.1	486.9	446.6	429.9	413.2
130°	1061.2	970.3	871.3	770.0	680.2	606.6	549.0	505.3	465.0	448.9	432.8
132.5°	1015.2	933.5	843.7	756.2	679.1	615.8	564.0	521.4	483.4	467.3	451.2
135°	970.3	894.3	818.4	743.6	677.9	622.7	576.7	536.4	499.5	483.4	467.3
137.5°	925.4	863.3	797.7	734.3	677.9	629.6	587.0	549.0	512.2	497.2	482.3
140°	886.3	833.3	778.1	726.3	676.8	634.2	595.1	559.4	524.9	509.9	494.9
142.5°	850.6	806.9	762.0	718.2	676.8	637.7	602.0	567.4	534.1	520.2	506.4
145°	820.7	785.0	747.0	711.3	674.5	640.0	607.7	575.5	544.4	531.8	519.1
147.5°	795.3	766.6	735.5	704.4	671.0	641.1	611.2	582.4	552.5	541.0	529.5
150°	772.3	748.2	722.8	695.2	667.6	640.0	613.5	587.0	560.5	550.2	539.8
152.5°	752.8	733.2	710.2	687.2	661.8	637.7	614.6	591.6	568.6	559.4	550.2
155°	734.3	717.1	698.7	676.8	654.9	635.4	615.8	596.2	576.7	568.0	559.4
157.5°	715.9	701.0	684.9	667.6	648.0	630.8	615.8	599.7	582.4	574.9	567.4
160°	697.5	684.9	672.2	657.2	641.1	627.3	615.8	602.0	588.2	581.8	575.5
162.5°	680.2	669.9	659.5	648.0	635.4	623.8	614.6	603.1	591.6	587.0	582.4
165°	663.0	654.9	646.9	637.7	627.3	619.2	612.3	604.3	593.9	590.4	587.0
167.5°	646.9	641.1	634.2	627.3	620.4	614.6	611.2	604.3	596.2	593.9	591.6
170°	633.1	628.5	625.0	619.2	614.6	611.2	608.9	603.1	597.4	595.6	593.9
172.5°	620.4	616.9	614.6	611.2	607.7	606.6	605.4	602.0	598.5	597.4	596.2
175°	610.0	608.9	607.7	604.3	603.1	602.0	603.1	600.8	598.5	598.0	597.4
177.5°	603.1	602.0	602.0	599.7	598.5	599.7	602.0	599.7	598.5	598.5	598.5
180°	598.5	598.5	598.5	598.5	598.5	598.5	598.5	598.5	598.5	598.5	598.5

TEST NUMBER: P1009212

CATALOG NUMBER: S122DIP-B675D1080UB27-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
0°	1323.5	1323.5	1323.5	1323.5
2.5°	1299.1	1299.1	1314.3	1330.6
5°	1270.6	1277.7	1302.1	1324.5
7.5°	1243.1	1255.3	1285.8	1314.3
10°	1209.5	1225.8	1263.5	1297.0
12.5°	1177.0	1192.3	1236.0	1273.6
15°	1131.2	1150.5	1197.3	1244.1
17.5°	1085.4	1104.8	1161.7	1216.7
20°	1031.5	1057.0	1121.0	1194.3
22.5°	981.7	1013.2	1084.4	1143.4
25°	926.7	975.6	1041.7	1118.0
27.5°	877.9	926.7	993.9	1071.2
30°	823.0	872.8	942.0	1013.2
32.5°	770.1	815.9	883.0	970.5
35°	715.1	758.9	824.0	912.5
37.5°	665.3	708.0	779.2	860.6
40°	616.5	661.2	722.3	803.7
42.5°	570.7	610.4	665.3	746.7
45°	529.0	557.5	608.3	684.6
47.5°	485.2	510.7	557.5	633.8
50°	444.6	465.9	506.6	577.8
52.5°	404.9	423.2	460.8	517.8
55°	369.3	386.6	414.0	470.0
57.5°	332.7	345.9	372.3	417.1
60°	297.0	309.3	330.6	367.2
62.5°	261.4	271.6	292.0	321.5
65°	229.9	238.0	253.3	278.7
67.5°	199.4	204.5	216.7	237.0
70°	169.9	174.0	184.1	200.4
72.5°	138.3	142.4	153.6	164.8
75°	111.9	112.9	121.1	130.2
77.5°	87.5	86.5	92.6	99.7
80°	60.0	63.1	68.2	71.2
82.5°	40.7	41.7	43.7	45.8
85°	22.4	23.4	23.4	26.4
87.5°	9.2	10.2	10.2	11.2
90°	11.5	9.2	4.6	1.2
92.5°	39.1	33.4	24.2	17.3
95°	66.8	56.4	44.9	40.3
97.5°	94.4	79.4	66.8	59.9
100°	120.9	102.4	92.1	88.6
102.5°	146.2	127.8	117.4	115.1
105°	170.3	153.1	145.0	140.4
107.5°	195.7	179.6	171.5	168.0
110°	222.1	207.2	200.3	195.7

TEST NUMBER: P1009212

CATALOG NUMBER: S122DIP-B675D1080UB27-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
112.5°	247.5	233.7	225.6	221.0
115°	273.9	260.1	253.2	247.5
117.5°	299.3	286.6	279.7	275.1
120°	322.3	311.9	305.0	300.4
122.5°	346.5	334.9	328.0	324.6
125°	369.5	355.7	348.8	345.3
127.5°	391.3	376.4	367.2	362.6
130°	409.8	393.6	382.1	377.5
132.5°	427.0	409.8	397.1	391.3
135°	440.8	423.6	409.8	405.2
137.5°	455.8	437.4	423.6	417.8
140°	469.6	451.2	437.4	432.8
142.5°	482.3	463.9	451.2	447.7
145°	496.1	478.8	467.3	462.7
147.5°	509.9	493.8	482.3	478.8
150°	522.6	507.6	498.4	494.9
152.5°	534.1	521.4	512.2	511.0
155°	546.7	534.1	527.2	526.0
157.5°	557.1	545.6	539.8	538.7
160°	566.3	557.1	552.5	551.3
162.5°	574.4	567.4	562.8	564.0
165°	581.3	574.4	572.1	573.2
167.5°	587.0	582.4	580.1	581.3
170°	591.6	588.2	587.0	589.3
172.5°	595.1	591.6	592.8	593.9
175°	597.4	595.1	596.2	597.4
177.5°	598.5	596.2	597.4	599.7
180°	598.5	598.5	598.5	598.5

(END OF REPORT)