

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: P999892

Luminaire Tested: SA2XXRDIP-B675D1080UB40-4F0-XX-W2A-A4

Issue Date: 5/6/2025

Test Information

Test Method: LM-79-2019
Report Number: P999892
REPORT IS A COMBINATION OF REPORTS P988448 AND P1007351
Test Lab: INNOVATION CENTER
Issue Date: 5/6/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: NEO-RAY
Catalog Number: SA2XXRDIP-B675D1080UB40-4F0-XX-W2A-A4
Description: Define 2 Regressed Direct/Indirect Pendant with 4000K BioUP LEDs {m-DER=0.865}
{m-EER=0.951}
Light Source: -
Ballast/Driver: -

Summary

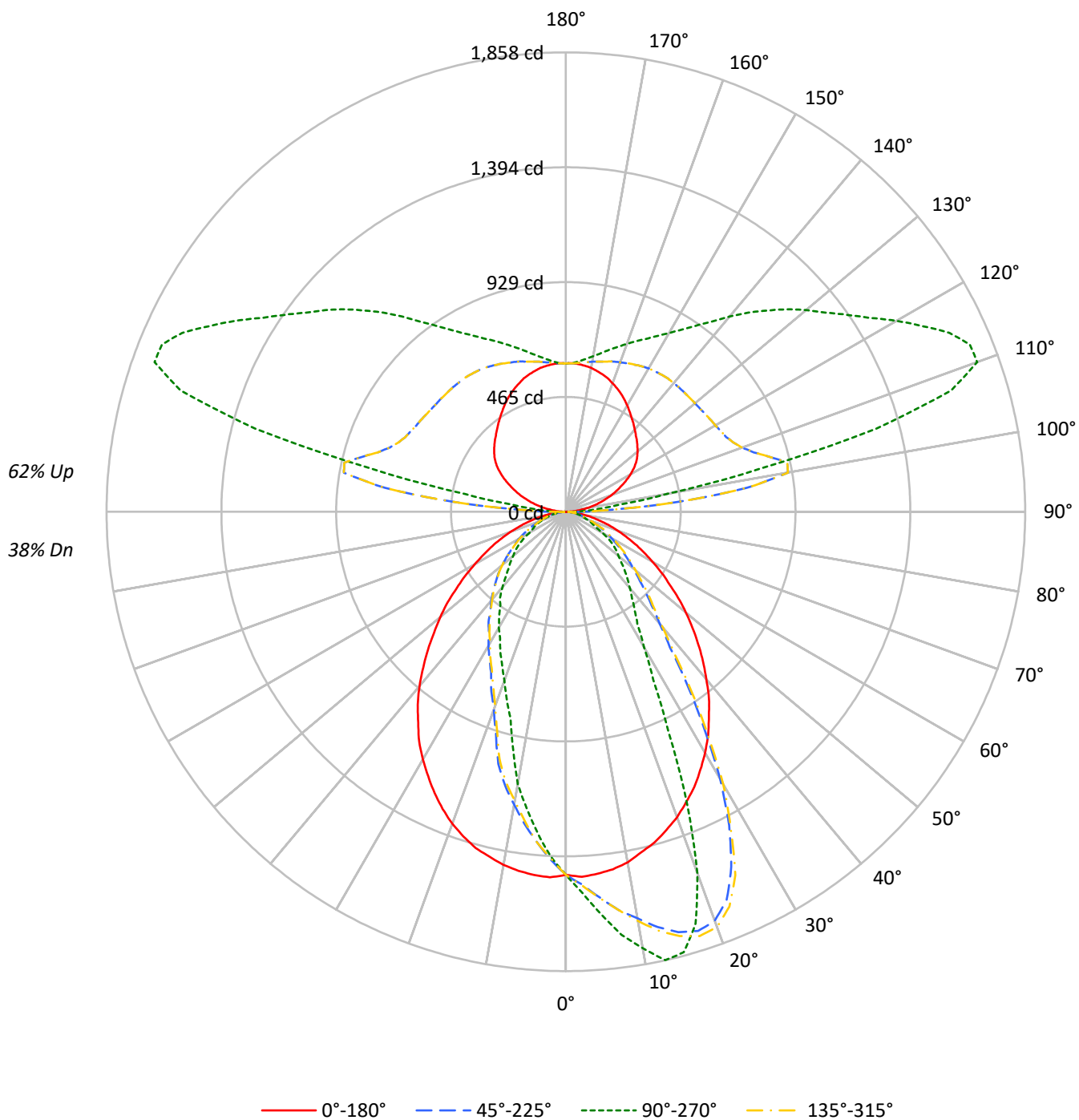
Lumens per Lamp: N/A
Luminaire Lumens: 6722.0 lumens
Efficiency: N/A
Efficacy: 94.8 lumens/watt
Spacing Criteria (0/90/45): 1.16 / 0.85 / 1.01
Luminous Opening: Rectangular w/ Sides (W: 0.17' x L: 4' x H: 0.1')
CIE Type: Semi-Indirect

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	104	104	104	104	95	95	95	95	77	77	77	60	60	60	45	45	45
1	96	92	88	85	87	83	80	78	68	66	64	54	52	51	41	40	39
2	88	81	75	70	79	74	69	65	60	57	54	48	46	44	36	35	34
3	80	71	65	59	73	65	59	55	54	49	46	43	40	38	33	31	30
4	74	64	56	51	67	58	52	47	48	43	40	39	35	33	30	28	26
5	68	57	49	44	62	52	46	41	43	38	35	35	32	29	27	25	23
6	63	51	44	38	57	47	41	36	39	34	31	32	28	26	25	23	21
7	58	47	39	34	53	43	36	32	36	31	27	29	26	23	23	21	19
8	54	42	35	30	49	39	33	28	33	28	24	27	23	21	21	19	17
9	50	39	32	27	46	36	30	25	30	25	22	25	21	19	20	17	16
10	47	36	29	24	43	33	27	23	28	23	20	23	20	17	18	16	14

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	23247	23247	23247	23247
5°	23302	24693	23383	19726
10°	23046	26100	23209	16290
15°	22546	26107	22927	12237
20°	21943	21581	22421	10097
25°	21215	13485	21672	8588
30°	20283	8634	20834	7394
35°	19151	6635	19770	6327
40°	17887	5577	18652	5535
45°	16539	4747	17230	4647
50°	15156	4033	15864	4019
55°	13624	3505	14360	3460
60°	12265	2672	12915	2641
65°	10992	2012	11646	2282
70°	9593	1606	10342	1859
75°	8106	1231	8850	1407
80°	6435	837	6930	923
85°	4464	433	4902	456

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 165°

Vertical Angle: 45°

Luminance: 21267 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	139.3	2.1
10°-20°	388.8	5.8
20°-30°	500.4	7.4
30°-40°	474.7	7.1
40°-50°	406.9	6.1
50°-60°	309.9	4.6
60°-70°	195.4	2.9
70°-80°	97.5	1.5
80°-90°	28.9	0.4
90°-100°	234.0	3.5
100°-110°	824.0	12.3
110°-120°	865.4	12.9
120°-130°	712.0	10.6
130°-140°	572.0	8.5
140°-150°	432.0	6.4
150°-160°	303.7	4.5
160°-170°	178.8	2.7
170°-180°	58.2	0.9
0°-30°	1028.6	15.3
0°-40°	1503.3	22.4
0°-60°	2220.0	33.0
0°-90°	2541.9	37.8
90°-120°	1923.5	28.6
90°-150°	3639.5	54.1
90°-180°	4180.0	62.2
0°-180°	6722.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1469	1469	1469	1469	1469	
5°	1470	1634	1475	1305	1470	139
15°	1385	1844	1408	864	1385	390
25°	1229	984	1255	627	1229	564
35°	1008	485	1041	462	1008	631
45°	757	337	789	330	757	585
55°	511	234	539	231	511	461
65°	309	122	328	138	309	307
75°	145	64	158	74	145	157
85°	32	18	35	19	32	36
90°	1	38	1	38	1	5
95°	40	132	40	132	40	42
105°	141	1301	141	1301	141	150
115°	248	1712	248	1712	248	246
125°	346	1389	346	1389	346	308
135°	406	1151	406	1151	406	314
145°	464	919	464	919	464	291
155°	528	772	528	772	528	243
165°	575	678	575	678	575	162
175°	599	611	599	611	599	57
180°	600	600	600	600	600	

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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	1468.6	1468.6	1468.6	1468.6	1468.6	1468.6	1468.6	1468.6	1468.6	1468.6	1468.6
2.5°	1477.8	1484.0	1487.0	1491.1	1500.3	1506.4	1515.6	1517.6	1516.6	1520.7	1509.5
5°	1469.7	1482.9	1495.2	1505.4	1521.7	1531.9	1543.1	1556.4	1559.5	1574.8	1565.6
7.5°	1458.4	1477.8	1495.2	1515.6	1540.1	1553.4	1570.7	1591.1	1600.3	1618.7	1623.8
10°	1440.1	1467.6	1497.2	1518.7	1552.3	1575.8	1592.1	1624.8	1646.2	1673.8	1669.7
12.5°	1410.5	1446.2	1486.0	1521.7	1565.6	1580.9	1611.5	1645.2	1672.8	1698.3	1720.7
15°	1385.0	1425.8	1469.7	1513.6	1563.6	1592.1	1622.8	1666.6	1696.2	1741.1	1760.5
17.5°	1350.3	1402.3	1454.4	1503.3	1562.5	1595.2	1633.0	1675.8	1719.7	1762.6	1777.9
20°	1314.5	1370.7	1426.8	1493.1	1560.5	1592.1	1630.9	1684.0	1726.9	1760.5	1760.5
22.5°	1271.7	1340.0	1404.3	1467.6	1541.1	1587.0	1626.8	1689.1	1719.7	1726.9	1699.3
25°	1228.8	1297.2	1367.6	1446.2	1529.9	1570.7	1615.6	1673.8	1684.0	1655.4	1584.0
27.5°	1177.8	1254.3	1333.9	1418.6	1506.4	1557.4	1598.3	1637.0	1617.7	1541.1	1429.9
30°	1125.7	1208.4	1298.2	1378.8	1485.0	1531.9	1566.6	1577.8	1516.6	1392.1	1248.2
32.5°	1071.6	1152.3	1247.2	1344.1	1451.3	1496.2	1518.7	1489.1	1376.8	1219.6	1044.1
35°	1008.4	1099.2	1198.2	1299.2	1405.4	1439.0	1452.3	1379.9	1235.9	1032.8	858.3
37.5°	951.2	1042.0	1148.2	1251.3	1354.3	1372.7	1359.4	1246.2	1063.5	862.4	692.0
40°	883.8	980.8	1084.9	1200.2	1284.9	1290.0	1257.4	1110.4	883.8	695.0	589.9
42.5°	821.6	919.6	1023.7	1141.0	1205.3	1188.0	1144.1	951.2	737.9	599.1	514.4
45°	757.3	850.2	962.4	1066.5	1112.5	1071.6	1005.3	800.2	619.5	515.4	450.1
47.5°	695.0	781.8	893.0	993.0	1001.2	955.3	876.7	670.5	536.8	453.1	400.1
50°	633.8	720.5	824.6	907.3	899.1	835.9	747.1	582.8	466.4	400.1	356.2
52.5°	572.6	651.1	752.2	817.5	782.8	721.6	633.8	494.0	407.2	349.0	315.4
55°	511.3	584.8	671.6	725.6	670.5	600.1	537.9	423.5	353.1	306.2	280.7
57.5°	460.3	518.5	598.1	630.7	564.4	509.3	455.2	364.4	306.2	272.5	242.9
60°	404.2	457.2	522.5	541.9	473.6	428.7	382.7	308.2	262.3	232.7	213.3
62.5°	356.2	400.1	450.1	450.1	389.9	356.2	321.5	258.2	220.4	197.0	187.8
65°	309.2	340.9	376.6	372.5	321.5	291.9	264.3	213.3	184.7	168.4	159.2
67.5°	263.3	287.8	311.3	297.0	260.3	234.7	209.2	172.5	153.1	141.9	129.6
70°	221.5	240.9	253.1	239.8	203.1	181.7	163.3	138.8	123.5	109.2	102.1
72.5°	185.7	193.9	198.0	181.7	151.0	138.8	125.5	108.2	94.9	87.8	85.7
75°	144.9	152.1	149.0	136.8	111.2	102.1	91.9	79.6	76.5	72.5	70.4
77.5°	113.3	113.3	108.2	97.0	79.6	72.5	68.4	62.3	59.2	58.2	56.1
80°	80.6	79.6	76.5	64.3	54.1	50.0	50.0	45.9	44.9	42.9	42.9
82.5°	53.1	53.1	49.0	38.8	35.7	34.7	33.7	31.6	31.6	30.6	30.6
85°	31.6	29.6	24.5	21.4	20.4	20.4	19.4	18.4	19.4	18.4	18.4
87.5°	14.3	11.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2
90°	1.2	4.6	9.2	11.5	13.9	15.6	17.3	23.1	31.2	38.1	39.2
92.5°	17.3	24.2	33.5	39.2	48.5	54.8	61.2	92.3	136.2	175.5	177.8
95°	40.4	45.0	56.6	67.0	85.4	99.2	113.1	166.2	266.6	400.6	452.5
97.5°	60.0	67.0	79.6	94.7	115.4	131.0	146.6	214.7	354.4	570.2	737.6
100°	88.9	92.3	102.7	121.2	144.3	160.4	176.6	237.8	378.6	628.0	911.9
102.5°	115.4	117.7	128.1	146.6	170.8	187.0	203.2	258.6	379.8	606.0	917.7
105°	140.8	145.4	153.5	170.8	196.2	212.4	228.6	282.8	385.5	576.0	855.4
107.5°	168.5	172.0	180.1	196.2	221.6	237.8	254.0	307.0	398.2	559.8	797.6
110°	196.2	200.9	207.8	222.8	247.0	263.8	280.5	331.3	414.4	555.2	758.4

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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	221.6	226.2	234.3	248.2	271.3	288.6	305.9	354.4	431.7	556.4	733.0
115°	248.2	254.0	260.9	274.7	297.8	313.4	329.0	378.6	449.0	561.0	715.7
117.5°	275.9	280.5	287.4	300.1	322.1	338.2	354.4	400.6	467.5	567.9	706.4
120°	301.3	305.9	312.8	323.2	346.3	362.5	378.6	423.6	486.0	574.9	698.4
122.5°	325.5	329.0	335.9	347.5	370.5	387.2	404.0	445.6	502.1	582.9	693.7
125°	346.3	349.8	356.7	370.5	393.6	409.8	425.9	467.5	519.4	591.0	688.0
127.5°	363.6	368.2	377.5	392.5	414.4	431.2	447.9	488.3	535.6	599.1	684.5
130°	378.6	383.2	394.8	410.9	434.0	450.2	466.3	506.7	550.6	608.3	682.2
132.5°	392.5	398.2	410.9	428.3	452.5	468.6	484.8	522.9	565.6	617.6	681.1
135°	406.3	410.9	424.8	442.1	468.7	484.8	501.0	537.9	578.3	624.5	679.9
137.5°	419.0	424.8	438.6	457.1	483.7	498.7	513.7	550.6	588.7	631.4	679.9
140°	434.0	438.6	452.5	471.0	496.4	511.4	526.4	561.0	596.8	636.0	678.7
142.5°	449.0	452.5	465.2	483.7	507.9	521.8	535.6	569.1	603.7	639.5	678.7
145°	464.0	468.7	480.2	497.5	520.6	533.3	546.0	577.2	609.5	641.8	676.4
147.5°	480.2	483.7	495.2	511.4	531.0	542.6	554.1	584.1	612.9	643.0	673.0
150°	496.4	499.8	509.1	524.1	541.4	551.8	562.2	588.7	615.3	641.8	669.5
152.5°	512.5	513.7	522.9	535.6	551.8	561.0	570.2	593.3	616.4	639.5	663.7
155°	527.5	528.7	535.6	548.3	561.0	569.6	578.3	597.9	617.6	637.2	656.8
157.5°	540.2	541.4	547.1	558.7	569.1	576.6	584.1	601.4	617.6	632.6	649.9
160°	552.9	554.1	558.7	567.9	577.2	583.6	589.9	603.7	617.6	629.1	643.0
162.5°	565.6	564.5	569.1	576.0	584.1	588.7	593.3	604.9	616.4	625.6	637.2
165°	574.9	573.7	576.0	582.9	588.7	592.2	595.6	606.0	614.1	621.0	629.1
167.5°	582.9	581.8	584.1	588.7	593.3	595.6	597.9	606.0	612.9	616.4	622.2
170°	591.0	588.7	589.9	593.3	595.6	597.4	599.1	604.9	610.6	612.9	616.4
172.5°	595.6	594.5	593.3	596.8	597.9	599.0	600.2	603.7	607.2	608.3	609.5
175°	599.1	597.9	596.8	599.1	599.1	599.7	600.2	602.6	604.9	603.7	604.9
177.5°	601.4	599.1	597.9	600.2	600.2	600.2	600.2	601.4	603.7	601.4	600.2
180°	600.2	600.2	600.2	600.2	600.2	600.2	600.2	600.2	600.2	600.2	600.2

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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	1468.6	1468.6	1468.6	1468.6	1468.6	1468.6	1468.6	1468.6	1468.6	1468.6	1468.6
2.5°	1520.7	1522.7	1525.8	1540.1	1542.1	1546.2	1544.2	1544.2	1545.2	1543.1	1544.2
5°	1586.0	1589.1	1604.4	1621.7	1625.8	1621.7	1626.8	1634.0	1634.0	1634.0	1631.9
7.5°	1647.2	1658.5	1675.8	1701.3	1706.4	1711.5	1720.7	1714.6	1716.7	1725.8	1722.8
10°	1706.4	1722.8	1742.2	1763.6	1774.8	1782.0	1786.1	1795.2	1816.7	1792.2	1801.4
12.5°	1762.6	1786.1	1806.5	1829.9	1838.1	1847.3	1850.3	1858.5	1858.5	1857.5	1864.6
15°	1799.3	1820.8	1839.1	1854.4	1856.5	1854.4	1852.4	1853.4	1856.5	1844.2	1851.4
17.5°	1807.5	1809.5	1815.6	1809.5	1810.5	1789.1	1776.9	1773.8	1745.2	1746.2	1769.7
20°	1767.7	1733.0	1723.8	1690.1	1669.7	1614.6	1612.5	1597.2	1537.0	1555.4	1551.3
22.5°	1658.5	1599.3	1520.7	1481.9	1462.5	1404.3	1359.4	1327.8	1306.4	1284.9	1275.8
25°	1514.6	1418.6	1307.4	1230.8	1219.6	1165.5	1082.9	1044.1	998.1	983.9	1008.4
27.5°	1328.8	1204.3	1078.8	961.4	940.0	891.0	849.1	821.6	768.5	765.5	767.5
30°	1076.7	951.2	846.1	769.5	716.5	694.0	666.5	646.0	624.6	632.8	634.8
32.5°	884.9	765.5	667.5	626.6	602.2	587.9	564.4	551.1	541.9	538.9	537.9
35°	703.2	623.6	579.7	539.9	525.6	515.4	498.1	491.9	483.8	484.8	484.8
37.5°	602.2	535.8	503.2	482.7	469.5	464.4	453.1	447.0	441.9	439.9	442.9
40°	519.5	473.6	453.1	434.8	423.5	421.5	415.4	408.2	402.1	403.1	406.2
42.5°	459.3	432.7	408.2	394.0	385.8	382.7	377.6	372.5	372.5	369.5	368.4
45°	411.3	389.9	369.5	356.2	351.1	347.0	340.9	339.9	335.8	336.8	337.8
47.5°	368.4	351.1	335.8	322.5	317.4	316.4	310.3	306.2	306.2	305.2	304.1
50°	329.7	312.3	299.0	291.9	284.7	282.7	281.7	280.7	278.6	278.6	279.6
52.5°	298.0	280.7	270.5	264.3	260.3	258.2	258.2	257.2	257.2	257.2	256.2
55°	263.3	249.0	240.9	238.8	236.8	235.8	234.7	232.7	231.7	233.7	231.7
57.5°	230.7	225.6	218.4	216.4	211.3	211.3	208.2	206.2	204.1	206.2	206.2
60°	205.1	198.0	193.9	187.8	183.7	179.6	174.5	173.5	171.5	170.4	169.4
62.5°	178.6	172.5	162.3	153.1	147.0	142.9	140.8	139.8	139.8	138.8	138.8
65°	149.0	134.7	129.6	126.6	125.5	124.5	122.5	121.5	122.5	121.5	122.5
67.5°	116.3	114.3	111.2	109.2	108.2	107.2	107.2	106.1	106.1	106.1	106.1
70°	101.0	95.9	94.9	92.9	92.9	91.9	91.9	91.9	91.9	90.8	92.9
72.5°	83.7	80.6	79.6	78.6	78.6	78.6	77.6	77.6	77.6	76.5	77.6
75°	68.4	67.4	65.3	65.3	64.3	65.3	64.3	64.3	63.3	64.3	64.3
77.5°	55.1	54.1	53.1	53.1	52.1	52.1	52.1	52.1	52.1	52.1	53.1
80°	41.8	40.8	39.8	40.8	39.8	40.8	39.8	39.8	40.8	39.8	39.8
82.5°	30.6	29.6	29.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6
85°	18.4	17.4	17.4	18.4	17.4	18.4	17.4	17.4	17.4	18.4	18.4
87.5°	8.2	9.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	9.2
90°	38.1	36.9	34.6	36.9	37.5	38.1	38.1	38.1	38.1	38.1	38.1
92.5°	148.9	116.6	99.3	86.6	81.9	77.3	76.2	71.6	72.7	70.4	72.7
95°	395.9	302.4	232.0	183.5	170.8	158.1	143.1	133.9	130.4	131.6	130.4
97.5°	743.4	618.7	494.1	377.5	342.8	308.2	263.2	240.1	227.4	220.5	227.4
100°	1078.1	1053.9	910.8	752.6	682.8	612.9	517.1	467.5	434.0	413.2	434.0
102.5°	1202.8	1339.0	1334.4	1229.4	1154.4	1079.3	973.1	879.6	835.7	805.7	835.7
105°	1162.4	1402.5	1532.9	1547.9	1528.9	1509.9	1438.3	1366.7	1317.1	1300.9	1317.1
107.5°	1077.0	1334.4	1528.3	1641.4	1664.5	1687.6	1686.5	1676.1	1661.1	1634.5	1661.1
110°	997.3	1240.9	1447.5	1595.3	1642.6	1689.9	1739.6	1761.5	1771.9	1770.7	1771.9



TEST NUMBER: P999892

CATALOG NUMBER: SA2XXRDIP-B675D1080UB40-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	941.9	1155.5	1351.7	1512.2	1568.2	1624.1	1698.0	1738.4	1760.3	1768.4	1760.3
115°	898.1	1088.5	1266.3	1417.5	1477.0	1536.4	1618.4	1671.5	1701.5	1711.9	1701.5
117.5°	868.1	1033.1	1192.4	1333.2	1389.8	1446.4	1530.6	1587.2	1618.4	1626.4	1618.4
120°	845.0	993.9	1137.0	1259.4	1311.9	1364.4	1445.2	1499.5	1532.9	1544.5	1532.9
122.5°	825.3	962.7	1090.8	1205.1	1251.3	1297.5	1367.9	1421.0	1449.8	1459.1	1449.8
125°	806.9	932.7	1051.6	1153.2	1196.4	1239.7	1306.7	1350.6	1379.4	1388.7	1379.4
127.5°	789.6	902.7	1012.3	1109.3	1149.7	1190.1	1249.0	1290.5	1315.9	1322.9	1315.9
130°	772.2	873.8	973.1	1064.3	1102.4	1140.5	1197.0	1236.3	1259.4	1268.6	1259.4
132.5°	758.4	846.1	936.2	1018.1	1053.3	1088.5	1143.9	1183.2	1204.0	1212.0	1204.0
135°	745.7	820.7	896.9	973.1	1005.4	1037.7	1087.4	1125.5	1146.2	1150.9	1146.2
137.5°	736.5	799.9	865.7	928.1	957.0	985.8	1033.1	1066.6	1085.1	1092.0	1085.1
140°	728.4	780.3	835.7	888.8	914.2	939.6	976.6	1006.6	1023.9	1030.8	1023.9
142.5°	720.3	764.2	809.2	853.0	873.2	893.4	928.1	954.6	969.6	969.6	969.6
145°	713.4	749.2	787.2	823.0	839.8	856.5	884.2	903.8	915.4	918.8	915.4
147.5°	706.4	737.6	768.8	797.6	810.3	823.0	847.3	863.4	871.5	873.8	871.5
150°	697.2	724.9	750.3	774.6	785.0	795.3	812.6	826.5	833.4	834.6	833.4
152.5°	689.1	712.2	735.3	754.9	763.6	772.2	784.9	796.5	801.1	801.1	801.1
155°	678.7	700.7	719.1	736.5	742.8	749.2	761.9	769.9	774.6	772.2	774.6
157.5°	669.5	686.8	703.0	718.0	723.2	728.4	737.6	744.5	746.8	746.8	746.8
160°	659.1	674.1	686.8	699.5	703.6	707.6	715.7	721.5	722.6	722.6	722.6
162.5°	649.9	661.4	671.8	682.2	685.1	688.0	696.1	699.5	700.7	699.5	700.7
165°	639.5	648.7	656.8	664.9	667.2	669.5	674.1	678.7	678.7	677.6	678.7
167.5°	629.1	636.0	643.0	648.7	651.0	653.3	655.7	658.0	658.0	656.8	658.0
170°	621.0	626.8	630.3	634.9	636.0	637.2	638.3	641.8	640.6	638.3	640.6
172.5°	612.9	616.4	618.7	622.2	622.8	623.3	624.5	625.6	624.5	623.3	624.5
175°	606.0	609.5	610.6	611.8	612.3	612.9	612.9	614.1	612.9	610.6	612.9
177.5°	601.4	603.7	603.7	604.9	604.9	604.9	604.9	604.9	603.7	601.4	603.7
180°	600.2	600.2	600.2	600.2	600.2	600.2	600.2	600.2	600.2	600.2	600.2

TEST NUMBER: P999892

CATALOG NUMBER: SA2XXRDIP-B675D1080UB40-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	1468.6	1468.6	1468.6	1468.6	1468.6	1468.6	1468.6	1468.6	1468.6	1468.6	1468.6
2.5°	1548.3	1541.1	1539.1	1541.1	1539.1	1540.1	1532.9	1506.4	1513.6	1502.3	1508.4
5°	1636.0	1629.9	1616.6	1614.6	1612.5	1610.5	1600.3	1576.8	1567.6	1552.3	1551.3
7.5°	1719.7	1719.7	1709.5	1702.4	1693.2	1686.0	1672.8	1638.1	1623.8	1605.4	1595.2
10°	1802.4	1775.8	1787.1	1779.9	1757.5	1753.4	1728.9	1708.5	1680.9	1662.6	1646.2
12.5°	1861.6	1853.4	1843.2	1837.1	1831.0	1817.7	1801.4	1749.3	1735.0	1698.3	1679.9
15°	1859.5	1854.4	1857.5	1857.5	1855.5	1852.4	1839.1	1801.4	1776.9	1741.1	1709.5
17.5°	1759.5	1772.8	1786.1	1795.2	1815.6	1824.8	1837.1	1814.6	1799.3	1768.7	1735.0
20°	1585.0	1617.7	1656.4	1664.6	1683.0	1737.1	1761.6	1780.9	1787.1	1776.9	1749.3
22.5°	1342.1	1369.6	1463.5	1461.5	1488.0	1552.3	1623.8	1682.0	1727.9	1753.4	1743.2
25°	1051.2	1090.0	1140.0	1177.8	1264.5	1360.5	1449.3	1542.1	1621.7	1692.2	1709.5
27.5°	795.0	846.1	885.9	935.9	979.8	1093.1	1207.4	1352.3	1445.2	1578.9	1648.3
30°	643.0	666.5	706.3	729.7	751.2	837.9	967.5	1110.4	1273.7	1427.8	1547.2
32.5°	549.1	565.4	595.0	605.2	627.7	685.8	767.5	898.1	1066.5	1253.3	1410.5
35°	493.0	510.3	516.4	525.6	544.0	580.7	636.9	731.8	883.8	1066.5	1254.3
37.5°	445.0	454.2	471.5	477.6	483.8	511.3	549.1	615.4	716.5	866.5	1074.7
40°	411.3	416.4	425.6	430.7	434.8	454.2	487.8	532.8	607.3	721.6	913.4
42.5°	375.6	381.7	387.8	394.0	399.1	414.4	434.8	477.6	527.7	614.4	753.2
45°	340.9	345.0	352.1	356.2	363.3	375.6	394.0	423.5	468.5	523.6	635.8
47.5°	309.2	314.3	317.4	322.5	327.6	340.9	358.2	377.6	414.4	468.5	550.1
50°	280.7	286.8	290.9	291.9	296.0	308.2	322.5	343.9	367.4	409.3	480.7
52.5°	260.3	261.3	264.3	268.4	267.4	274.5	287.8	304.1	328.6	362.3	414.4
55°	236.8	239.8	241.9	242.9	242.9	249.0	256.2	271.5	290.9	318.4	362.3
57.5°	207.2	210.2	216.4	218.4	221.5	224.5	227.6	237.8	254.1	280.7	316.4
60°	176.6	178.6	184.7	188.8	190.9	199.0	203.1	211.3	220.4	239.8	273.5
62.5°	141.9	143.9	147.0	151.0	155.1	167.4	177.6	185.7	192.9	206.2	233.7
65°	123.5	124.5	126.6	127.6	128.6	133.7	142.9	154.1	167.4	177.6	193.9
67.5°	107.2	108.2	109.2	111.2	112.3	113.3	117.4	120.4	133.7	148.0	160.2
70°	91.9	93.9	94.9	94.9	95.9	98.0	100.0	104.1	108.2	115.3	130.6
72.5°	77.6	78.6	80.6	80.6	80.6	82.7	84.7	86.8	88.8	92.9	99.0
75°	64.3	66.3	66.3	66.3	67.4	67.4	69.4	71.4	73.5	76.5	78.6
77.5°	53.1	53.1	53.1	53.1	54.1	54.1	55.1	57.2	58.2	59.2	61.2
80°	39.8	40.8	40.8	40.8	41.8	41.8	41.8	43.9	44.9	44.9	46.9
82.5°	29.6	29.6	29.6	30.6	29.6	30.6	30.6	31.6	30.6	31.6	32.7
85°	18.4	18.4	18.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	20.4
87.5°	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	10.2	9.2	9.2
90°	38.1	38.1	38.1	37.5	36.9	34.6	36.9	38.1	39.2	38.1	31.2
92.5°	71.6	76.2	77.3	81.9	86.6	99.3	116.6	148.9	177.8	175.5	136.2
95°	133.9	143.1	158.1	170.8	183.5	232.0	302.4	395.9	452.5	400.6	266.6
97.5°	240.1	263.2	308.2	342.8	377.5	494.1	618.7	743.4	737.6	570.2	354.4
100°	467.5	517.1	612.9	682.8	752.6	910.8	1053.9	1078.1	911.9	628.0	378.6
102.5°	879.6	973.1	1079.3	1154.4	1229.4	1334.4	1339.0	1202.8	917.7	606.0	379.8
105°	1366.7	1438.3	1509.9	1528.9	1547.9	1532.9	1402.5	1162.4	855.4	576.0	385.5
107.5°	1676.1	1686.5	1687.6	1664.5	1641.4	1528.3	1334.4	1077.0	797.6	559.8	398.2
110°	1761.5	1739.6	1689.9	1642.6	1595.3	1447.5	1240.9	997.3	758.4	555.2	414.4

TEST NUMBER: P999892

CATALOG NUMBER: SA2XXRDIP-B675D1080UB40-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	1738.4	1698.0	1624.1	1568.2	1512.2	1351.7	1155.5	941.9	733.0	556.4	431.7
115°	1671.5	1618.4	1536.4	1477.0	1417.5	1266.3	1088.5	898.1	715.7	561.0	449.0
117.5°	1587.2	1530.6	1446.4	1389.8	1333.2	1192.4	1033.1	868.1	706.4	567.9	467.5
120°	1499.5	1445.2	1364.4	1311.9	1259.4	1137.0	993.9	845.0	698.4	574.9	486.0
122.5°	1421.0	1367.9	1297.5	1251.3	1205.1	1090.8	962.7	825.3	693.7	582.9	502.1
125°	1350.6	1306.7	1239.7	1196.4	1153.2	1051.6	932.7	806.9	688.0	591.0	519.4
127.5°	1290.5	1249.0	1190.1	1149.7	1109.3	1012.3	902.7	789.6	684.5	599.1	535.6
130°	1236.3	1197.0	1140.5	1102.4	1064.3	973.1	873.8	772.2	682.2	608.3	550.6
132.5°	1183.2	1143.9	1088.5	1053.3	1018.1	936.2	846.1	758.4	681.1	617.6	565.6
135°	1125.5	1087.4	1037.7	1005.4	973.1	896.9	820.7	745.7	679.9	624.5	578.3
137.5°	1066.6	1033.1	985.8	957.0	928.1	865.7	799.9	736.5	679.9	631.4	588.7
140°	1006.6	976.6	939.6	914.2	888.8	835.7	780.3	728.4	678.7	636.0	596.8
142.5°	954.6	928.1	893.4	873.2	853.0	809.2	764.2	720.3	678.7	639.5	603.7
145°	903.8	884.2	856.5	839.8	823.0	787.2	749.2	713.4	676.4	641.8	609.5
147.5°	863.4	847.3	823.0	810.3	797.6	768.8	737.6	706.4	673.0	643.0	612.9
150°	826.5	812.6	795.3	785.0	774.6	750.3	724.9	697.2	669.5	641.8	615.3
152.5°	796.5	784.9	772.2	763.6	754.9	735.3	712.2	689.1	663.7	639.5	616.4
155°	769.9	761.9	749.2	742.8	736.5	719.1	700.7	678.7	656.8	637.2	617.6
157.5°	744.5	737.6	728.4	723.2	718.0	703.0	686.8	669.5	649.9	632.6	617.6
160°	721.5	715.7	707.6	703.6	699.5	686.8	674.1	659.1	643.0	629.1	617.6
162.5°	699.5	696.1	688.0	685.1	682.2	671.8	661.4	649.9	637.2	625.6	616.4
165°	678.7	674.1	669.5	667.2	664.9	656.8	648.7	639.5	629.1	621.0	614.1
167.5°	658.0	655.7	653.3	651.0	648.7	643.0	636.0	629.1	622.2	616.4	612.9
170°	641.8	638.3	637.2	636.0	634.9	630.3	626.8	621.0	616.4	612.9	610.6
172.5°	625.6	624.5	623.3	622.8	622.2	618.7	616.4	612.9	609.5	608.3	607.2
175°	614.1	612.9	612.9	612.3	611.8	610.6	609.5	606.0	604.9	603.7	604.9
177.5°	604.9	604.9	604.9	604.9	604.9	603.7	603.7	601.4	600.2	601.4	603.7
180°	600.2	600.2	600.2	600.2	600.2	600.2	600.2	600.2	600.2	600.2	600.2

TEST NUMBER: P999892

CATALOG NUMBER: SA2XXRDIP-B675D1080UB40-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
0°	1468.6	1468.6	1468.6	1468.6	1468.6	1468.6	1468.6	1468.6	1468.6	1468.6	1468.6
2.5°	1499.3	1494.2	1494.2	1491.1	1491.1	1474.8	1474.8	1479.9	1473.7	1466.6	1456.4
5°	1538.0	1526.8	1523.8	1519.7	1506.4	1486.0	1477.8	1474.8	1462.5	1447.2	1429.9
7.5°	1574.8	1556.4	1547.2	1538.0	1520.7	1492.1	1475.8	1464.6	1446.2	1422.7	1400.3
10°	1610.5	1587.0	1563.6	1552.3	1527.8	1492.1	1468.6	1450.3	1423.7	1392.1	1360.5
12.5°	1643.2	1594.2	1590.1	1567.6	1531.9	1491.1	1455.4	1428.8	1395.2	1358.4	1321.7
15°	1671.7	1621.7	1597.2	1576.8	1529.9	1478.9	1441.1	1408.4	1363.5	1321.7	1276.8
17.5°	1686.0	1631.9	1615.6	1581.9	1534.0	1467.6	1416.6	1376.8	1327.8	1277.8	1226.8
20°	1700.3	1637.0	1610.5	1587.0	1521.7	1446.2	1389.0	1343.1	1289.0	1229.8	1173.7
22.5°	1707.5	1637.0	1605.4	1572.7	1509.5	1422.7	1355.4	1301.3	1238.0	1177.8	1110.4
25°	1695.2	1630.9	1593.2	1559.5	1488.0	1394.1	1316.6	1255.3	1188.0	1119.6	1051.2
27.5°	1664.6	1616.6	1572.7	1538.0	1458.4	1357.4	1275.8	1206.4	1136.9	1060.4	991.0
30°	1607.4	1586.0	1551.3	1512.5	1425.8	1324.7	1227.8	1156.3	1079.8	1003.3	930.8
32.5°	1518.7	1537.0	1514.6	1480.9	1387.0	1279.8	1176.8	1104.3	1020.6	937.9	871.6
35°	1410.5	1475.8	1463.5	1440.1	1346.2	1231.9	1128.8	1041.0	957.3	873.6	807.3
37.5°	1292.1	1391.1	1401.3	1387.0	1299.2	1182.9	1069.6	983.9	898.1	813.4	746.1
40°	1129.8	1281.9	1314.5	1320.7	1250.2	1123.7	1005.3	921.6	836.9	754.2	672.6
42.5°	980.8	1172.7	1213.5	1239.0	1188.0	1065.5	946.1	853.2	769.5	695.0	613.4
45°	841.0	1041.0	1107.4	1140.0	1117.6	999.2	875.7	788.9	712.4	644.0	565.4
47.5°	697.1	898.1	991.0	1043.1	1043.1	931.8	808.3	722.6	649.1	590.9	521.5
50°	601.1	768.5	864.4	932.8	951.2	863.4	747.1	663.4	594.0	530.7	477.6
52.5°	512.3	662.4	742.0	813.4	866.5	789.9	678.7	603.2	534.8	475.6	433.8
55°	442.9	555.2	627.7	706.3	765.5	715.4	612.4	538.9	479.7	430.7	395.0
57.5°	376.6	474.6	533.8	603.2	666.5	628.7	546.0	482.7	430.7	387.8	356.2
60°	320.5	400.1	446.0	500.1	578.7	552.1	483.8	425.6	383.7	345.0	318.4
62.5°	272.5	335.8	374.6	413.3	484.8	472.5	419.5	374.6	338.8	306.2	283.7
65°	223.5	275.6	306.2	339.9	397.0	402.1	359.3	327.6	295.0	266.4	246.0
67.5°	180.6	221.5	249.0	277.6	323.5	337.8	308.2	281.7	254.1	230.7	212.3
70°	145.9	174.5	194.9	217.4	255.2	272.5	257.2	238.8	216.4	197.0	180.6
72.5°	115.3	133.7	145.9	163.3	193.9	211.3	210.2	193.9	177.6	164.3	151.0
75°	84.7	99.0	109.2	120.4	144.9	161.3	165.3	158.2	141.9	131.7	121.5
77.5°	64.3	72.5	77.6	85.7	103.1	117.4	123.5	121.5	110.2	102.1	94.9
80°	49.0	51.0	53.1	56.1	70.4	83.7	87.8	86.8	80.6	77.6	69.4
82.5°	34.7	35.7	36.7	37.8	42.9	54.1	58.2	60.2	55.1	52.1	44.9
85°	20.4	21.4	21.4	23.5	24.5	27.6	34.7	34.7	33.7	29.6	28.6
87.5°	10.2	10.2	9.2	9.2	10.2	11.2	13.3	15.3	13.3	12.2	11.2
90°	23.1	17.3	15.6	13.9	11.5	9.2	4.6	1.2	4.6	9.2	11.5
92.5°	92.3	61.2	54.8	48.5	39.2	33.5	24.2	17.3	24.2	33.5	39.2
95°	166.2	113.1	99.2	85.4	67.0	56.6	45.0	40.4	45.0	56.6	67.0
97.5°	214.7	146.6	131.0	115.4	94.7	79.6	67.0	60.0	67.0	79.6	94.7
100°	237.8	176.6	160.4	144.3	121.2	102.7	92.3	88.9	92.3	102.7	121.2
102.5°	258.6	203.2	187.0	170.8	146.6	128.1	117.7	115.4	117.7	128.1	146.6
105°	282.8	228.6	212.4	196.2	170.8	153.5	145.4	140.8	145.4	153.5	170.8
107.5°	307.0	254.0	237.8	221.6	196.2	180.1	172.0	168.5	172.0	180.1	196.2
110°	331.3	280.5	263.8	247.0	222.8	207.8	200.9	196.2	200.9	207.8	222.8

TEST NUMBER: P999892

CATALOG NUMBER: SA2XXRDIP-B675D1080UB40-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
112.5°	354.4	305.9	288.6	271.3	248.2	234.3	226.2	221.6	226.2	234.3	248.2
115°	378.6	329.0	313.4	297.8	274.7	260.9	254.0	248.2	254.0	260.9	274.7
117.5°	400.6	354.4	338.2	322.1	300.1	287.4	280.5	275.9	280.5	287.4	300.1
120°	423.6	378.6	362.5	346.3	323.2	312.8	305.9	301.3	305.9	312.8	323.2
122.5°	445.6	404.0	387.2	370.5	347.5	335.9	329.0	325.5	329.0	335.9	347.5
125°	467.5	425.9	409.8	393.6	370.5	356.7	349.8	346.3	349.8	356.7	370.5
127.5°	488.3	447.9	431.2	414.4	392.5	377.5	368.2	363.6	368.2	377.5	392.5
130°	506.7	466.3	450.2	434.0	410.9	394.8	383.2	378.6	383.2	394.8	410.9
132.5°	522.9	484.8	468.6	452.5	428.3	410.9	398.2	392.5	398.2	410.9	428.3
135°	537.9	501.0	484.8	468.7	442.1	424.8	410.9	406.3	410.9	424.8	442.1
137.5°	550.6	513.7	498.7	483.7	457.1	438.6	424.8	419.0	424.8	438.6	457.1
140°	561.0	526.4	511.4	496.4	471.0	452.5	438.6	434.0	438.6	452.5	471.0
142.5°	569.1	535.6	521.8	507.9	483.7	465.2	452.5	449.0	452.5	465.2	483.7
145°	577.2	546.0	533.3	520.6	497.5	480.2	468.7	464.0	468.7	480.2	497.5
147.5°	584.1	554.1	542.6	531.0	511.4	495.2	483.7	480.2	483.7	495.2	511.4
150°	588.7	562.2	551.8	541.4	524.1	509.1	499.8	496.4	499.8	509.1	524.1
152.5°	593.3	570.2	561.0	551.8	535.6	522.9	513.7	512.5	513.7	522.9	535.6
155°	597.9	578.3	569.6	561.0	548.3	535.6	528.7	527.5	528.7	535.6	548.3
157.5°	601.4	584.1	576.6	569.1	558.7	547.1	541.4	540.2	541.4	547.1	558.7
160°	603.7	589.9	583.6	577.2	567.9	558.7	554.1	552.9	554.1	558.7	567.9
162.5°	604.9	593.3	588.7	584.1	576.0	569.1	564.5	565.6	564.5	569.1	576.0
165°	606.0	595.6	592.2	588.7	582.9	576.0	573.7	574.9	573.7	576.0	582.9
167.5°	606.0	597.9	595.6	593.3	588.7	584.1	581.8	582.9	581.8	584.1	588.7
170°	604.9	599.1	597.4	595.6	593.3	589.9	588.7	591.0	588.7	589.9	593.3
172.5°	603.7	600.2	599.0	597.9	596.8	593.3	594.5	595.6	594.5	593.3	596.8
175°	602.6	600.2	599.7	599.1	599.1	596.8	597.9	599.1	597.9	596.8	599.1
177.5°	601.4	600.2	600.2	600.2	600.2	597.9	599.1	601.4	599.1	597.9	600.2
180°	600.2	600.2	600.2	600.2	600.2	600.2	600.2	600.2	600.2	600.2	600.2

TEST NUMBER: P999892

CATALOG NUMBER: SA2XXRDIP-B675D1080UB40-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
0°	1468.6	1468.6	1468.6	1468.6	1468.6	1468.6	1468.6	1468.6	1468.6	1468.6	1468.6
2.5°	1452.3	1453.3	1456.4	1447.2	1432.9	1426.8	1408.4	1405.4	1402.3	1402.3	1405.4
5°	1419.7	1415.6	1416.6	1399.2	1378.8	1366.6	1341.1	1345.2	1331.9	1323.7	1325.8
7.5°	1383.9	1372.7	1371.7	1349.2	1323.7	1301.3	1274.7	1268.6	1256.4	1242.1	1235.9
10°	1339.0	1330.9	1315.6	1290.0	1257.4	1239.0	1203.3	1181.9	1178.8	1157.4	1149.2
12.5°	1293.1	1278.8	1263.5	1227.8	1191.0	1161.4	1134.9	1111.4	1095.1	1076.7	1064.5
15°	1240.0	1222.7	1205.3	1167.6	1124.7	1095.1	1055.3	1020.6	972.6	934.9	913.4
17.5°	1181.9	1162.5	1139.0	1097.1	1055.3	1014.5	941.0	900.2	866.5	844.0	830.8
20°	1121.6	1100.2	1076.7	1034.9	962.4	891.0	850.2	818.5	798.1	775.7	759.3
22.5°	1058.4	1035.9	1010.4	945.1	868.5	818.5	786.9	757.3	727.7	715.4	707.3
25°	999.2	978.8	946.1	857.3	797.1	751.2	715.4	696.0	680.7	664.4	649.1
27.5°	937.9	900.2	854.2	779.7	742.0	695.0	669.5	655.2	628.7	617.5	610.3
30°	864.4	822.6	778.7	725.6	681.8	649.1	625.6	602.2	586.8	575.6	563.4
32.5°	789.9	750.1	722.6	667.5	634.8	601.1	578.7	564.4	541.9	534.8	529.7
35°	725.6	692.0	667.5	622.6	591.9	561.3	545.0	523.6	509.3	496.0	487.8
37.5°	662.4	644.0	618.5	580.7	548.1	523.6	501.1	494.0	474.6	467.4	459.3
40°	618.5	590.9	569.5	536.8	509.3	482.7	468.5	452.1	438.9	427.6	424.6
42.5°	565.4	545.0	532.8	497.0	468.5	453.1	435.8	417.4	407.2	398.0	386.8
45°	525.6	507.2	489.9	461.3	435.8	416.4	401.1	388.8	371.5	367.4	350.1
47.5°	483.8	465.4	452.1	423.5	400.1	381.7	370.5	354.1	339.9	330.7	322.5
50°	441.9	426.6	414.4	389.9	369.5	350.1	334.8	318.4	312.3	297.0	291.9
52.5°	402.1	391.9	378.6	355.2	334.8	318.4	302.1	288.8	279.6	271.5	265.4
55°	368.4	352.1	346.0	320.5	303.1	285.8	271.5	263.3	252.1	247.0	241.9
57.5°	330.7	321.5	311.3	291.9	272.5	256.2	246.0	233.7	227.6	221.5	217.4
60°	298.0	284.7	276.6	260.3	242.9	227.6	218.4	209.2	201.1	196.0	187.8
62.5°	260.3	250.0	244.9	227.6	213.3	199.0	190.9	181.7	175.5	166.4	156.2
65°	227.6	219.4	213.3	199.0	185.7	172.5	164.3	153.1	144.9	139.8	138.8
67.5°	199.0	192.9	183.7	170.4	157.2	147.0	137.8	128.6	127.6	125.5	125.5
70°	167.4	161.3	156.2	141.9	130.6	119.4	117.4	114.3	111.2	110.2	108.2
72.5°	139.8	134.7	128.6	116.3	105.1	102.1	100.0	98.0	94.9	93.9	92.9
75°	113.3	106.1	102.1	90.8	87.8	85.7	83.7	80.6	78.6	77.6	75.5
77.5°	86.8	79.6	79.6	73.5	71.4	68.4	66.3	64.3	63.3	61.2	61.2
80°	61.2	61.2	59.2	56.1	53.1	52.1	49.0	48.0	46.9	48.0	45.9
82.5°	44.9	40.8	40.8	38.8	36.7	35.7	33.7	33.7	32.7	32.7	32.7
85°	25.5	25.5	24.5	22.5	21.4	21.4	20.4	20.4	19.4	19.4	18.4
87.5°	10.2	9.2	10.2	9.2	9.2	8.2	8.2	8.2	7.1	8.2	7.1
90°	13.9	15.6	17.3	23.1	31.2	38.1	39.2	38.1	36.9	34.6	36.9
92.5°	48.5	54.8	61.2	92.3	136.2	175.5	177.8	148.9	116.6	99.3	86.6
95°	85.4	99.2	113.1	166.2	266.6	400.6	452.5	395.9	302.4	232.0	183.5
97.5°	115.4	131.0	146.6	214.7	354.4	570.2	737.6	743.4	618.7	494.1	377.5
100°	144.3	160.4	176.6	237.8	378.6	628.0	911.9	1078.1	1053.9	910.8	752.6
102.5°	170.8	187.0	203.2	258.6	379.8	606.0	917.7	1202.8	1339.0	1334.4	1229.4
105°	196.2	212.4	228.6	282.8	385.5	576.0	855.4	1162.4	1402.5	1532.9	1547.9
107.5°	221.6	237.8	254.0	307.0	398.2	559.8	797.6	1077.0	1334.4	1528.3	1641.4
110°	247.0	263.8	280.5	331.3	414.4	555.2	758.4	997.3	1240.9	1447.5	1595.3



TEST NUMBER: P999892

CATALOG NUMBER: SA2XXRDIP-B675D1080UB40-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
112.5°	271.3	288.6	305.9	354.4	431.7	556.4	733.0	941.9	1155.5	1351.7	1512.2
115°	297.8	313.4	329.0	378.6	449.0	561.0	715.7	898.1	1088.5	1266.3	1417.5
117.5°	322.1	338.2	354.4	400.6	467.5	567.9	706.4	868.1	1033.1	1192.4	1333.2
120°	346.3	362.5	378.6	423.6	486.0	574.9	698.4	845.0	993.9	1137.0	1259.4
122.5°	370.5	387.2	404.0	445.6	502.1	582.9	693.7	825.3	962.7	1090.8	1205.1
125°	393.6	409.8	425.9	467.5	519.4	591.0	688.0	806.9	932.7	1051.6	1153.2
127.5°	414.4	431.2	447.9	488.3	535.6	599.1	684.5	789.6	902.7	1012.3	1109.3
130°	434.0	450.2	466.3	506.7	550.6	608.3	682.2	772.2	873.8	973.1	1064.3
132.5°	452.5	468.6	484.8	522.9	565.6	617.6	681.1	758.4	846.1	936.2	1018.1
135°	468.7	484.8	501.0	537.9	578.3	624.5	679.9	745.7	820.7	896.9	973.1
137.5°	483.7	498.7	513.7	550.6	588.7	631.4	679.9	736.5	799.9	865.7	928.1
140°	496.4	511.4	526.4	561.0	596.8	636.0	678.7	728.4	780.3	835.7	888.8
142.5°	507.9	521.8	535.6	569.1	603.7	639.5	678.7	720.3	764.2	809.2	853.0
145°	520.6	533.3	546.0	577.2	609.5	641.8	676.4	713.4	749.2	787.2	823.0
147.5°	531.0	542.6	554.1	584.1	612.9	643.0	673.0	706.4	737.6	768.8	797.6
150°	541.4	551.8	562.2	588.7	615.3	641.8	669.5	697.2	724.9	750.3	774.6
152.5°	551.8	561.0	570.2	593.3	616.4	639.5	663.7	689.1	712.2	735.3	754.9
155°	561.0	569.6	578.3	597.9	617.6	637.2	656.8	678.7	700.7	719.1	736.5
157.5°	569.1	576.6	584.1	601.4	617.6	632.6	649.9	669.5	686.8	703.0	718.0
160°	577.2	583.6	589.9	603.7	617.6	629.1	643.0	659.1	674.1	686.8	699.5
162.5°	584.1	588.7	593.3	604.9	616.4	625.6	637.2	649.9	661.4	671.8	682.2
165°	588.7	592.2	595.6	606.0	614.1	621.0	629.1	639.5	648.7	656.8	664.9
167.5°	593.3	595.6	597.9	606.0	612.9	616.4	622.2	629.1	636.0	643.0	648.7
170°	595.6	597.4	599.1	604.9	610.6	612.9	616.4	621.0	626.8	630.3	634.9
172.5°	597.9	599.0	600.2	603.7	607.2	608.3	609.5	612.9	616.4	618.7	622.2
175°	599.1	599.7	600.2	602.6	604.9	603.7	604.9	606.0	609.5	610.6	611.8
177.5°	600.2	600.2	600.2	601.4	603.7	601.4	600.2	601.4	603.7	603.7	604.9
180°	600.2	600.2	600.2	600.2	600.2	600.2	600.2	600.2	600.2	600.2	600.2

TEST NUMBER: P999892

CATALOG NUMBER: SA2XXRDIP-B675D1080UB40-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
0°	1468.6	1468.6	1468.6	1468.6	1468.6	1468.6	1468.6	1468.6	1468.6	1468.6	1468.6
2.5°	1405.4	1403.3	1397.2	1399.2	1396.2	1396.2	1394.1	1394.1	1394.1	1399.2	1396.2
5°	1328.8	1321.7	1314.5	1311.5	1308.4	1305.3	1305.3	1304.3	1313.5	1311.5	1319.6
7.5°	1233.9	1231.9	1217.6	1217.6	1212.5	1210.4	1215.5	1216.6	1217.6	1219.6	1224.7
10°	1149.2	1144.1	1123.7	1125.7	1122.7	1118.6	1121.6	1119.6	1126.7	1128.8	1126.7
12.5°	1049.2	1040.0	1017.5	1006.3	994.1	984.9	996.1	987.9	1016.5	1024.7	1047.1
15°	916.5	899.1	883.8	883.8	872.6	864.4	869.6	878.7	884.9	894.0	898.1
17.5°	827.7	820.6	808.3	801.2	798.1	795.0	795.0	799.1	812.4	811.4	819.5
20°	752.2	748.1	742.0	732.8	729.7	727.7	727.7	727.7	736.9	745.0	750.1
22.5°	700.1	697.1	693.0	680.7	674.6	672.6	677.7	680.7	687.9	694.0	699.1
25°	648.1	640.9	633.8	629.7	626.6	626.6	628.7	629.7	632.8	635.8	642.0
27.5°	605.2	600.1	589.9	578.7	578.7	575.6	577.7	579.7	586.8	597.1	602.2
30°	557.2	556.2	552.1	548.1	544.0	541.9	546.0	549.1	550.1	555.2	555.2
32.5°	522.5	515.4	508.3	504.2	502.1	501.1	502.1	506.2	506.2	512.3	519.5
35°	487.8	483.8	476.6	469.5	467.4	462.3	466.4	470.5	477.6	480.7	483.8
37.5°	450.1	445.0	441.9	439.9	435.8	436.8	433.8	439.9	446.0	445.0	447.0
40°	421.5	412.3	403.1	402.1	401.1	400.1	400.1	401.1	405.2	409.3	415.4
42.5°	384.8	381.7	373.5	365.4	363.3	361.3	359.3	363.3	371.5	378.6	381.7
45°	347.0	342.9	340.9	334.8	330.7	329.7	327.6	332.7	339.9	342.9	345.0
47.5°	312.3	311.3	305.2	306.2	303.1	304.1	303.1	306.2	306.2	309.2	311.3
50°	288.8	285.8	282.7	280.7	277.6	277.6	276.6	277.6	281.7	285.8	284.7
52.5°	265.4	260.3	259.2	258.2	256.2	258.2	255.2	256.2	260.3	262.3	261.3
55°	237.8	236.8	234.7	232.7	231.7	230.7	230.7	230.7	234.7	237.8	238.8
57.5°	216.4	211.3	207.2	207.2	203.1	202.1	204.1	205.1	208.2	210.2	212.3
60°	186.8	184.7	178.6	175.5	169.4	168.4	168.4	172.5	177.6	184.7	186.8
62.5°	155.1	152.1	151.0	151.0	151.0	151.0	151.0	151.0	151.0	152.1	152.1
65°	137.8	138.8	137.8	136.8	137.8	137.8	136.8	136.8	136.8	137.8	138.8
67.5°	123.5	122.5	123.5	122.5	121.5	121.5	120.4	121.5	122.5	123.5	123.5
70°	107.2	107.2	106.1	107.2	106.1	105.1	104.1	104.1	106.1	107.2	107.2
72.5°	91.9	91.9	90.8	90.8	88.8	88.8	89.8	88.8	88.8	91.9	91.9
75°	76.5	75.5	74.5	74.5	73.5	73.5	73.5	72.5	74.5	74.5	75.5
77.5°	60.2	60.2	60.2	59.2	59.2	58.2	58.2	59.2	59.2	59.2	60.2
80°	45.9	45.9	45.9	44.9	43.9	43.9	43.9	43.9	43.9	44.9	43.9
82.5°	31.6	31.6	31.6	31.6	31.6	30.6	30.6	30.6	31.6	31.6	30.6
85°	19.4	18.4	19.4	19.4	18.4	19.4	18.4	18.4	17.4	17.4	18.4
87.5°	8.2	7.1	6.1	6.1	7.1	6.1	6.1	6.1	7.1	6.1	6.1
90°	37.5	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	37.5
92.5°	81.9	77.3	76.2	71.6	72.7	70.4	72.7	71.6	76.2	77.3	81.9
95°	170.8	158.1	143.1	133.9	130.4	131.6	130.4	133.9	143.1	158.1	170.8
97.5°	342.8	308.2	263.2	240.1	227.4	220.5	227.4	240.1	263.2	308.2	342.8
100°	682.8	612.9	517.1	467.5	434.0	413.2	434.0	467.5	517.1	612.9	682.8
102.5°	1154.4	1079.3	973.1	879.6	835.7	805.7	835.7	879.6	973.1	1079.3	1154.4
105°	1528.9	1509.9	1438.3	1366.7	1317.1	1300.9	1317.1	1366.7	1438.3	1509.9	1528.9
107.5°	1664.5	1687.6	1686.5	1676.1	1661.1	1634.5	1661.1	1676.1	1686.5	1687.6	1664.5
110°	1642.6	1689.9	1739.6	1761.5	1771.9	1770.7	1771.9	1761.5	1739.6	1689.9	1642.6

TEST NUMBER: P999892

CATALOG NUMBER: SA2XXRDIP-B675D1080UB40-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
112.5°	1568.2	1624.1	1698.0	1738.4	1760.3	1768.4	1760.3	1738.4	1698.0	1624.1	1568.2
115°	1477.0	1536.4	1618.4	1671.5	1701.5	1711.9	1701.5	1671.5	1618.4	1536.4	1477.0
117.5°	1389.8	1446.4	1530.6	1587.2	1618.4	1626.4	1618.4	1587.2	1530.6	1446.4	1389.8
120°	1311.9	1364.4	1445.2	1499.5	1532.9	1544.5	1532.9	1499.5	1445.2	1364.4	1311.9
122.5°	1251.3	1297.5	1367.9	1421.0	1449.8	1459.1	1449.8	1421.0	1367.9	1297.5	1251.3
125°	1196.4	1239.7	1306.7	1350.6	1379.4	1388.7	1379.4	1350.6	1306.7	1239.7	1196.4
127.5°	1149.7	1190.1	1249.0	1290.5	1315.9	1322.9	1315.9	1290.5	1249.0	1190.1	1149.7
130°	1102.4	1140.5	1197.0	1236.3	1259.4	1268.6	1259.4	1236.3	1197.0	1140.5	1102.4
132.5°	1053.3	1088.5	1143.9	1183.2	1204.0	1212.0	1204.0	1183.2	1143.9	1088.5	1053.3
135°	1005.4	1037.7	1087.4	1125.5	1146.2	1150.9	1146.2	1125.5	1087.4	1037.7	1005.4
137.5°	957.0	985.8	1033.1	1066.6	1085.1	1092.0	1085.1	1066.6	1033.1	985.8	957.0
140°	914.2	939.6	976.6	1006.6	1023.9	1030.8	1023.9	1006.6	976.6	939.6	914.2
142.5°	873.2	893.4	928.1	954.6	969.6	969.6	969.6	954.6	928.1	893.4	873.2
145°	839.8	856.5	884.2	903.8	915.4	918.8	915.4	903.8	884.2	856.5	839.8
147.5°	810.3	823.0	847.3	863.4	871.5	873.8	871.5	863.4	847.3	823.0	810.3
150°	785.0	795.3	812.6	826.5	833.4	834.6	833.4	826.5	812.6	795.3	785.0
152.5°	763.6	772.2	784.9	796.5	801.1	801.1	801.1	796.5	784.9	772.2	763.6
155°	742.8	749.2	761.9	769.9	774.6	772.2	774.6	769.9	761.9	749.2	742.8
157.5°	723.2	728.4	737.6	744.5	746.8	746.8	746.8	744.5	737.6	728.4	723.2
160°	703.6	707.6	715.7	721.5	722.6	722.6	722.6	721.5	715.7	707.6	703.6
162.5°	685.1	688.0	696.1	699.5	700.7	699.5	700.7	699.5	696.1	688.0	685.1
165°	667.2	669.5	674.1	678.7	678.7	677.6	678.7	678.7	674.1	669.5	667.2
167.5°	651.0	653.3	655.7	658.0	658.0	656.8	658.0	658.0	655.7	653.3	651.0
170°	636.0	637.2	638.3	641.8	640.6	638.3	640.6	641.8	638.3	637.2	636.0
172.5°	622.8	623.3	624.5	625.6	624.5	623.3	624.5	625.6	624.5	623.3	622.8
175°	612.3	612.9	612.9	614.1	612.9	610.6	612.9	614.1	612.9	612.9	612.3
177.5°	604.9	604.9	604.9	604.9	603.7	601.4	603.7	604.9	604.9	604.9	604.9
180°	600.2	600.2	600.2	600.2	600.2	600.2	600.2	600.2	600.2	600.2	600.2

TEST NUMBER: P999892

CATALOG NUMBER: SA2XXRDIP-B675D1080UB40-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
0°	1468.6	1468.6	1468.6	1468.6	1468.6	1468.6	1468.6	1468.6	1468.6	1468.6	1468.6
2.5°	1399.2	1404.3	1402.3	1391.1	1402.3	1405.4	1411.5	1417.6	1421.7	1427.8	1432.9
5°	1311.5	1321.7	1327.8	1321.7	1342.1	1345.2	1359.4	1367.6	1379.9	1390.1	1398.2
7.5°	1228.8	1237.0	1249.2	1251.3	1263.5	1277.8	1298.2	1318.6	1338.0	1348.2	1357.4
10°	1140.0	1154.3	1172.7	1168.6	1187.0	1209.4	1230.8	1263.5	1279.8	1298.2	1314.5
12.5°	1051.2	1060.4	1084.9	1093.1	1119.6	1136.9	1166.5	1187.0	1227.8	1249.2	1263.5
15°	896.1	933.8	964.5	1001.2	1035.9	1068.6	1095.1	1131.8	1167.6	1183.9	1207.4
17.5°	825.7	843.0	861.4	879.8	924.7	982.8	1029.8	1069.6	1100.2	1121.6	1149.2
20°	752.2	769.5	789.9	807.3	834.9	876.7	934.9	1003.3	1040.0	1062.4	1089.0
22.5°	700.1	716.5	729.7	745.0	766.5	797.1	841.0	925.7	974.7	1002.2	1025.7
25°	644.0	664.4	678.7	689.9	707.3	741.0	776.7	824.6	912.4	933.8	966.5
27.5°	605.2	611.3	627.7	645.0	662.4	680.7	717.5	758.3	817.5	864.4	904.3
30°	559.3	574.6	589.9	597.1	612.4	638.9	661.3	705.2	751.2	787.9	835.9
32.5°	524.6	533.8	544.0	561.3	575.6	594.0	616.4	653.2	692.0	715.4	752.2
35°	485.8	491.9	513.4	520.5	534.8	553.2	575.6	604.2	646.0	664.4	690.9
37.5°	449.1	463.4	469.5	485.8	499.1	517.4	533.8	566.4	594.0	615.4	639.9
40°	420.5	426.6	437.8	452.1	463.4	477.6	498.1	521.5	551.1	568.5	589.9
42.5°	385.8	390.9	405.2	413.3	431.7	445.0	457.2	485.8	512.3	525.6	547.0
45°	348.0	360.3	369.5	385.8	396.0	412.3	427.6	448.0	472.5	487.8	500.1
47.5°	315.4	327.6	336.8	352.1	368.4	375.6	391.9	413.3	435.8	448.0	465.4
50°	288.8	292.9	310.3	317.4	334.8	349.0	360.3	378.6	403.1	410.3	424.6
52.5°	263.3	266.4	277.6	286.8	302.1	314.3	328.6	346.0	366.4	377.6	388.8
55°	240.9	242.9	248.0	258.2	268.4	283.7	297.0	313.3	330.7	342.9	353.1
57.5°	215.3	219.4	223.5	229.6	239.8	254.1	268.4	283.7	298.0	306.2	319.4
60°	185.7	191.9	199.0	206.2	213.3	223.5	239.8	254.1	267.4	274.5	284.7
62.5°	154.1	166.4	172.5	180.6	186.8	196.0	208.2	224.5	233.7	242.9	251.1
65°	138.8	139.8	140.8	149.0	160.2	169.4	180.6	192.9	207.2	213.3	219.4
67.5°	123.5	124.5	126.6	127.6	131.7	141.9	154.1	167.4	178.6	182.7	188.8
70°	108.2	108.2	112.3	113.3	114.3	115.3	125.5	138.8	149.0	154.1	161.3
72.5°	91.9	92.9	94.9	95.9	98.0	100.0	103.1	110.2	122.5	127.6	135.7
75°	75.5	76.5	77.6	78.6	81.6	82.7	85.7	89.8	94.9	101.0	106.1
77.5°	60.2	60.2	61.2	63.3	65.3	66.3	69.4	71.4	73.5	76.5	80.6
80°	44.9	45.9	45.9	48.0	48.0	49.0	50.0	53.1	55.1	57.2	59.2
82.5°	30.6	32.7	32.7	32.7	33.7	34.7	35.7	35.7	37.8	38.8	41.8
85°	18.4	19.4	19.4	19.4	18.4	20.4	20.4	21.4	21.4	21.4	22.5
87.5°	7.1	6.1	7.1	7.1	7.1	8.2	7.1	7.1	8.2	9.2	9.2
90°	36.9	34.6	36.9	38.1	39.2	38.1	31.2	23.1	17.3	15.6	13.9
92.5°	86.6	99.3	116.6	148.9	177.8	175.5	136.2	92.3	61.2	54.8	48.5
95°	183.5	232.0	302.4	395.9	452.5	400.6	266.6	166.2	113.1	99.2	85.4
97.5°	377.5	494.1	618.7	743.4	737.6	570.2	354.4	214.7	146.6	131.0	115.4
100°	752.6	910.8	1053.9	1078.1	911.9	628.0	378.6	237.8	176.6	160.4	144.3
102.5°	1229.4	1334.4	1339.0	1202.8	917.7	606.0	379.8	258.6	203.2	187.0	170.8
105°	1547.9	1532.9	1402.5	1162.4	855.4	576.0	385.5	282.8	228.6	212.4	196.2
107.5°	1641.4	1528.3	1334.4	1077.0	797.6	559.8	398.2	307.0	254.0	237.8	221.6
110°	1595.3	1447.5	1240.9	997.3	758.4	555.2	414.4	331.3	280.5	263.8	247.0

TEST NUMBER: P999892

CATALOG NUMBER: SA2XXRDIP-B675D1080UB40-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
112.5°	1512.2	1351.7	1155.5	941.9	733.0	556.4	431.7	354.4	305.9	288.6	271.3
115°	1417.5	1266.3	1088.5	898.1	715.7	561.0	449.0	378.6	329.0	313.4	297.8
117.5°	1333.2	1192.4	1033.1	868.1	706.4	567.9	467.5	400.6	354.4	338.2	322.1
120°	1259.4	1137.0	993.9	845.0	698.4	574.9	486.0	423.6	378.6	362.5	346.3
122.5°	1205.1	1090.8	962.7	825.3	693.7	582.9	502.1	445.6	404.0	387.2	370.5
125°	1153.2	1051.6	932.7	806.9	688.0	591.0	519.4	467.5	425.9	409.8	393.6
127.5°	1109.3	1012.3	902.7	789.6	684.5	599.1	535.6	488.3	447.9	431.2	414.4
130°	1064.3	973.1	873.8	772.2	682.2	608.3	550.6	506.7	466.3	450.2	434.0
132.5°	1018.1	936.2	846.1	758.4	681.1	617.6	565.6	522.9	484.8	468.6	452.5
135°	973.1	896.9	820.7	745.7	679.9	624.5	578.3	537.9	501.0	484.8	468.7
137.5°	928.1	865.7	799.9	736.5	679.9	631.4	588.7	550.6	513.7	498.7	483.7
140°	888.8	835.7	780.3	728.4	678.7	636.0	596.8	561.0	526.4	511.4	496.4
142.5°	853.0	809.2	764.2	720.3	678.7	639.5	603.7	569.1	535.6	521.8	507.9
145°	823.0	787.2	749.2	713.4	676.4	641.8	609.5	577.2	546.0	533.3	520.6
147.5°	797.6	768.8	737.6	706.4	673.0	643.0	612.9	584.1	554.1	542.6	531.0
150°	774.6	750.3	724.9	697.2	669.5	641.8	615.3	588.7	562.2	551.8	541.4
152.5°	754.9	735.3	712.2	689.1	663.7	639.5	616.4	593.3	570.2	561.0	551.8
155°	736.5	719.1	700.7	678.7	656.8	637.2	617.6	597.9	578.3	569.6	561.0
157.5°	718.0	703.0	686.8	669.5	649.9	632.6	617.6	601.4	584.1	576.6	569.1
160°	699.5	686.8	674.1	659.1	643.0	629.1	617.6	603.7	589.9	583.6	577.2
162.5°	682.2	671.8	661.4	649.9	637.2	625.6	616.4	604.9	593.3	588.7	584.1
165°	664.9	656.8	648.7	639.5	629.1	621.0	614.1	606.0	595.6	592.2	588.7
167.5°	648.7	643.0	636.0	629.1	622.2	616.4	612.9	606.0	597.9	595.6	593.3
170°	634.9	630.3	626.8	621.0	616.4	612.9	610.6	604.9	599.1	597.4	595.6
172.5°	622.2	618.7	616.4	612.9	609.5	608.3	607.2	603.7	600.2	599.0	597.9
175°	611.8	610.6	609.5	606.0	604.9	603.7	604.9	602.6	600.2	599.7	599.1
177.5°	604.9	603.7	603.7	601.4	600.2	601.4	603.7	601.4	600.2	600.2	600.2
180°	600.2	600.2	600.2	600.2	600.2	600.2	600.2	600.2	600.2	600.2	600.2

TEST NUMBER: P999892

CATALOG NUMBER: SA2XXRDIP-B675D1080UB40-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
0°	1468.6	1468.6	1468.6	1468.6
2.5°	1442.1	1439.0	1457.4	1477.8
5°	1412.5	1417.6	1441.1	1469.7
7.5°	1381.9	1393.1	1420.7	1458.4
10°	1339.0	1359.4	1401.3	1440.1
12.5°	1297.2	1324.7	1364.5	1410.5
15°	1250.2	1280.9	1329.8	1385.0
17.5°	1198.2	1232.9	1290.0	1350.3
20°	1143.1	1189.0	1249.2	1314.5
22.5°	1081.8	1136.9	1199.2	1271.7
25°	1022.6	1082.9	1145.1	1228.8
27.5°	964.5	1023.7	1093.1	1177.8
30°	906.3	960.4	1034.9	1125.7
32.5°	844.0	900.2	978.8	1071.6
35°	786.9	843.0	916.5	1008.4
37.5°	725.6	785.9	856.3	951.2
40°	654.2	724.6	793.0	883.8
42.5°	595.0	669.5	735.9	821.6
45°	548.1	618.5	673.6	757.3
47.5°	504.2	561.3	617.5	695.0
50°	462.3	506.2	564.4	633.8
52.5°	419.5	457.2	507.2	572.6
55°	380.7	416.4	461.3	511.3
57.5°	345.0	370.5	415.4	460.3
60°	305.2	331.7	366.4	404.2
62.5°	271.5	291.9	324.6	356.2
65°	235.8	255.2	279.6	309.2
67.5°	203.1	220.4	239.8	263.3
70°	173.5	186.8	201.1	221.5
72.5°	141.9	156.2	169.4	185.7
75°	116.3	122.5	133.7	144.9
77.5°	89.8	98.0	104.1	113.3
80°	64.3	71.4	73.5	80.6
82.5°	42.9	46.9	51.0	53.1
85°	24.5	26.5	30.6	31.6
87.5°	9.2	10.2	12.2	14.3
90°	11.5	9.2	4.6	1.2
92.5°	39.2	33.5	24.2	17.3
95°	67.0	56.6	45.0	40.4
97.5°	94.7	79.6	67.0	60.0
100°	121.2	102.7	92.3	88.9
102.5°	146.6	128.1	117.7	115.4
105°	170.8	153.5	145.4	140.8
107.5°	196.2	180.1	172.0	168.5
110°	222.8	207.8	200.9	196.2

TEST NUMBER: P999892

CATALOG NUMBER: SA2XXRDIP-B675D1080UB40-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
112.5°	248.2	234.3	226.2	221.6
115°	274.7	260.9	254.0	248.2
117.5°	300.1	287.4	280.5	275.9
120°	323.2	312.8	305.9	301.3
122.5°	347.5	335.9	329.0	325.5
125°	370.5	356.7	349.8	346.3
127.5°	392.5	377.5	368.2	363.6
130°	410.9	394.8	383.2	378.6
132.5°	428.3	410.9	398.2	392.5
135°	442.1	424.8	410.9	406.3
137.5°	457.1	438.6	424.8	419.0
140°	471.0	452.5	438.6	434.0
142.5°	483.7	465.2	452.5	449.0
145°	497.5	480.2	468.7	464.0
147.5°	511.4	495.2	483.7	480.2
150°	524.1	509.1	499.8	496.4
152.5°	535.6	522.9	513.7	512.5
155°	548.3	535.6	528.7	527.5
157.5°	558.7	547.1	541.4	540.2
160°	567.9	558.7	554.1	552.9
162.5°	576.0	569.1	564.5	565.6
165°	582.9	576.0	573.7	574.9
167.5°	588.7	584.1	581.8	582.9
170°	593.3	589.9	588.7	591.0
172.5°	596.8	593.3	594.5	595.6
175°	599.1	596.8	597.9	599.1
177.5°	600.2	597.9	599.1	601.4
180°	600.2	600.2	600.2	600.2

(END OF REPORT)