

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: P999881

Luminaire Tested: SA2XXRDIP-B675D1080UB30-4F0-XX-W2A-A4

Issue Date: 5/7/2025

Test Information

Test Method: LM-79-2019
Report Number: P999881
REPORT IS A COMBINATION OF REPORTS P988436 AND P1007351
Test Lab: INNOVATION CENTER
Issue Date: 5/7/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: NEO-RAY
Catalog Number: SA2XXRDIP-B675D1080UB30-4F0-XX-W2A-A4
Description: Define 2 Regressed Direct/Indirect Pendant with 3000K BioUP LEDs {m-DER=0.589}
{m-EER=0.647}
Light Source: -
Ballast/Driver: -

Summary

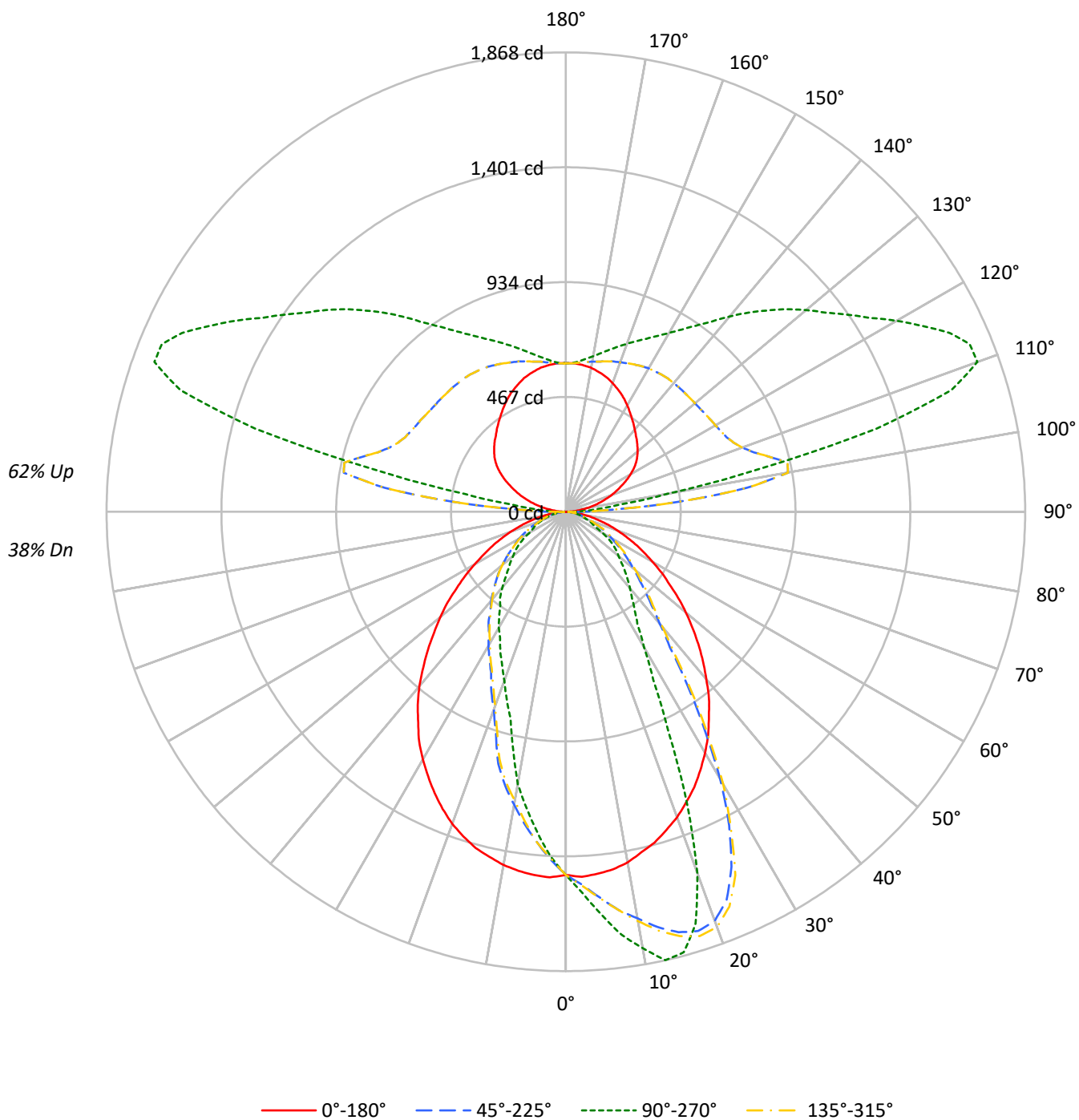
Lumens per Lamp: N/A
Luminaire Lumens: 6760.0 lumens
Efficiency: N/A
Efficacy: 95.3 lumens/watt
Spacing Criteria (0/90/45): 1.16 / 0.85 / 1.01
Luminous Opening: Rectangular w/ Sides (W: 0.17' x L: 4' x H: 0.1')
CIE Type: Semi-Indirect

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°	23375	23375	23375	23375
5°	23431	24829	23511	19835
10°	23172	26244	23337	16379
15°	22670	26252	23054	12305
20°	22065	21700	22544	10152
25°	21332	13559	21793	8636
30°	20395	8682	20950	7435
35°	19256	6672	19880	6363
40°	17986	5609	18756	5566
45°	16631	4774	17326	4672
50°	15240	4056	15950	4041
55°	13699	3525	14437	3478
60°	12332	2688	12984	2655
65°	11052	2022	11710	2294
70°	9644	1615	10398	1870
75°	8151	1238	8900	1414
80°	6475	841	6962	927
85°	4492	435	4930	459

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 165°

Vertical Angle: 45°

Luminance: 21383 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	140.1	2.1
10°-20°	391.0	5.8
20°-30°	503.2	7.4
30°-40°	477.4	7.1
40°-50°	409.1	6.1
50°-60°	311.6	4.6
60°-70°	196.5	2.9
70°-80°	98.0	1.5
80°-90°	29.1	0.4
90°-100°	235.3	3.5
100°-110°	828.8	12.3
110°-120°	870.4	12.9
120°-130°	716.1	10.6
130°-140°	575.3	8.5
140°-150°	434.5	6.4
150°-160°	305.5	4.5
160°-170°	179.8	2.7
170°-180°	58.5	0.9
0°-30°	1034.2	15.3
0°-40°	1511.6	22.4
0°-60°	2232.3	33.0
0°-90°	2555.9	37.8
90°-120°	1934.5	28.6
90°-150°	3660.3	54.1
90°-180°	4204.0	62.2
0°-180°	6760.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1477	1477	1477	1477	1477	
5°	1478	1643	1483	1312	1478	140
15°	1393	1854	1416	869	1393	392
25°	1236	989	1262	630	1236	567
35°	1014	488	1047	465	1014	634
45°	762	339	793	332	762	588
55°	514	235	542	232	514	463
65°	311	122	329	138	311	309
75°	146	65	159	74	146	158
85°	32	18	35	20	32	36
90°	1	38	1	38	1	5
95°	41	132	41	132	41	42
105°	142	1308	142	1308	142	150
115°	250	1722	250	1722	250	248
125°	348	1397	348	1397	348	310
135°	409	1158	409	1158	409	316
145°	467	924	467	924	467	293
155°	531	777	531	777	531	244
165°	578	682	578	682	578	163
175°	602	614	602	614	602	57
180°	604	604	604	604	604	

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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	1476.7	1476.7	1476.7	1476.7	1476.7	1476.7	1476.7	1476.7	1476.7	1476.7	1476.7
2.5°	1486.0	1492.1	1495.2	1499.3	1508.6	1514.7	1524.0	1526.0	1525.0	1529.1	1517.8
5°	1477.8	1491.1	1503.4	1513.7	1530.1	1540.4	1551.7	1565.0	1568.1	1583.5	1574.2
7.5°	1466.5	1486.0	1503.4	1524.0	1548.6	1561.9	1579.4	1599.9	1609.1	1627.6	1632.7
10°	1448.0	1475.7	1505.5	1527.0	1560.9	1584.5	1600.9	1633.8	1655.3	1683.0	1678.9
12.5°	1418.3	1454.2	1494.2	1530.1	1574.2	1589.6	1620.4	1654.3	1682.0	1707.6	1730.2
15°	1392.6	1433.6	1477.8	1521.9	1572.2	1600.9	1631.7	1675.8	1705.6	1750.7	1770.2
17.5°	1357.7	1410.0	1462.4	1511.6	1571.2	1604.0	1642.0	1685.1	1729.2	1772.3	1787.7
20°	1321.8	1378.2	1434.7	1501.4	1569.1	1600.9	1639.9	1693.3	1736.4	1770.2	1770.2
22.5°	1278.7	1347.4	1412.1	1475.7	1549.6	1595.8	1635.8	1698.4	1729.2	1736.4	1708.7
25°	1235.6	1304.3	1375.1	1454.2	1538.3	1579.4	1624.5	1683.0	1693.3	1664.5	1592.7
27.5°	1184.3	1261.2	1341.3	1426.5	1514.7	1566.0	1607.1	1646.1	1626.6	1549.6	1437.7
30°	1131.9	1215.1	1305.4	1386.4	1493.2	1540.4	1575.3	1586.6	1525.0	1399.8	1255.1
32.5°	1077.5	1158.6	1254.1	1351.5	1459.3	1504.5	1527.0	1497.3	1384.4	1226.3	1049.8
35°	1013.9	1105.3	1204.8	1306.4	1413.1	1447.0	1460.3	1387.5	1242.8	1038.5	863.1
37.5°	956.4	1047.8	1154.5	1258.2	1361.8	1380.3	1366.9	1253.0	1069.3	867.2	695.8
40°	888.7	986.2	1090.9	1206.8	1292.0	1297.2	1264.3	1116.5	888.7	698.9	593.2
42.5°	826.1	924.6	1029.3	1147.3	1212.0	1194.5	1150.4	956.4	742.0	602.4	517.2
45°	761.5	854.9	967.7	1072.4	1118.6	1077.5	1010.8	804.6	622.9	518.2	452.6
47.5°	698.9	786.1	898.0	998.5	1006.7	960.6	881.5	674.2	539.8	455.6	402.3
50°	637.3	724.5	829.2	912.3	904.1	840.5	751.2	586.0	469.0	402.3	358.2
52.5°	575.7	654.7	756.3	822.0	787.1	725.5	637.3	496.7	409.5	351.0	317.1
55°	514.1	588.0	675.3	729.6	674.2	603.4	540.8	425.9	355.1	307.9	282.2
57.5°	462.8	521.3	601.4	634.2	567.5	512.1	457.7	366.4	307.9	274.0	244.2
60°	406.4	459.8	525.4	544.9	476.2	431.0	384.8	309.9	263.7	234.0	214.5
62.5°	358.2	402.3	452.6	452.6	392.0	358.2	323.3	259.6	221.7	198.1	188.8
65°	310.9	342.8	378.7	374.6	323.3	293.5	265.8	214.5	185.7	169.3	160.1
67.5°	264.8	289.4	313.0	298.6	261.7	236.0	210.4	173.4	153.9	142.6	130.3
70°	222.7	242.2	254.5	241.2	204.2	182.7	164.2	139.6	124.2	109.8	102.6
72.5°	186.8	195.0	199.1	182.7	151.9	139.6	126.2	108.8	95.4	88.3	86.2
75°	145.7	152.9	149.8	137.5	111.9	102.6	92.4	80.0	77.0	72.9	70.8
77.5°	113.9	113.9	108.8	97.5	80.0	72.9	68.8	62.6	59.5	58.5	56.4
80°	81.1	80.0	77.0	64.7	54.4	50.3	50.3	46.2	45.2	43.1	43.1
82.5°	53.4	53.4	49.3	39.0	35.9	34.9	33.9	31.8	31.8	30.8	30.8
85°	31.8	29.8	24.6	21.6	20.5	20.5	19.5	18.5	19.5	18.5	18.5
87.5°	14.4	11.3	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2
90°	1.2	4.6	9.3	11.6	13.9	15.6	17.4	23.2	31.3	38.3	39.5
92.5°	17.4	24.4	33.7	39.5	48.8	55.2	61.5	92.9	137.0	176.5	178.8
95°	40.6	45.3	56.9	67.3	85.9	99.8	113.8	167.2	268.2	402.8	455.1
97.5°	60.4	67.3	80.1	95.2	116.1	131.8	147.4	215.9	356.4	573.5	741.8
100°	89.4	92.9	103.3	121.9	145.1	161.4	177.6	239.2	380.8	631.6	917.1
102.5°	116.1	118.4	128.9	147.4	171.8	188.0	204.3	260.1	382.0	609.5	923.0
105°	141.6	146.3	154.4	171.8	197.4	213.6	229.9	284.4	387.8	579.3	860.3
107.5°	169.5	173.0	181.1	197.4	222.9	239.2	255.4	308.8	400.5	563.1	802.2
110°	197.4	202.0	209.0	224.1	248.4	265.2	282.1	333.2	416.8	558.4	762.7

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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	222.9	227.5	235.7	249.6	272.8	290.2	307.7	356.4	434.2	559.6	737.2
115°	249.6	255.4	262.4	276.3	299.5	315.2	330.9	380.8	451.6	564.2	719.8
117.5°	277.5	282.1	289.1	301.8	323.9	340.2	356.4	402.8	470.2	571.2	710.5
120°	303.0	307.7	314.6	325.1	348.3	364.6	380.8	426.1	488.8	578.2	702.4
122.5°	327.4	330.9	337.8	349.4	372.7	389.5	406.3	448.1	505.0	586.3	697.7
125°	348.3	351.8	358.7	372.7	395.9	412.2	428.4	470.2	522.4	594.4	691.9
127.5°	365.7	370.3	379.6	394.7	416.8	433.6	450.4	491.1	538.7	602.5	688.4
130°	380.8	385.4	397.0	413.3	436.5	452.8	469.0	509.7	553.8	611.8	686.1
132.5°	394.7	400.5	413.3	430.7	455.1	471.4	487.6	525.9	568.9	621.1	685.0
135°	408.7	413.3	427.2	444.6	471.3	487.6	503.8	541.0	581.6	628.1	683.8
137.5°	421.4	427.2	441.2	459.7	486.4	501.5	516.6	553.8	592.1	635.0	683.8
140°	436.5	441.2	455.1	473.7	499.2	514.3	529.4	564.2	600.2	639.7	682.6
142.5°	451.6	455.1	467.9	486.4	510.8	524.8	538.7	572.3	607.2	643.2	682.6
145°	466.7	471.3	483.0	500.4	523.6	536.4	549.1	580.5	613.0	645.5	680.3
147.5°	483.0	486.4	498.0	514.3	534.0	545.6	557.3	587.4	616.5	646.6	676.8
150°	499.2	502.7	512.0	527.1	544.5	555.0	565.4	592.1	618.8	645.5	673.3
152.5°	515.5	516.6	525.9	538.7	554.9	564.2	573.5	596.7	619.9	643.2	667.5
155°	530.6	531.7	538.7	551.4	564.2	572.9	581.6	601.4	621.1	640.8	660.6
157.5°	543.3	544.5	550.3	561.9	572.3	579.8	587.4	604.9	621.1	636.2	653.6
160°	556.1	557.3	561.9	571.2	580.5	586.8	593.2	607.2	621.1	632.7	646.6
162.5°	568.9	567.7	572.3	579.3	587.4	592.0	596.7	608.3	619.9	629.2	640.8
165°	578.2	577.0	579.3	586.3	592.1	595.6	599.0	609.5	617.6	624.6	632.7
167.5°	586.3	585.1	587.4	592.1	596.7	599.0	601.4	609.5	616.5	619.9	625.7
170°	594.4	592.1	593.2	596.7	599.0	600.8	602.5	608.3	614.1	616.5	619.9
172.5°	599.0	597.9	596.7	600.2	601.4	602.6	603.7	607.2	610.7	611.8	613.0
175°	602.5	601.4	600.2	602.5	602.5	603.1	603.7	606.0	608.3	607.2	608.3
177.5°	604.9	602.5	601.4	603.7	603.7	603.7	603.7	604.9	607.2	604.9	603.7
180°	603.7	603.7	603.7	603.7	603.7	603.7	603.7	603.7	603.7	603.7	603.7

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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	1476.7	1476.7	1476.7	1476.7	1476.7	1476.7	1476.7	1476.7	1476.7	1476.7	1476.7
2.5°	1529.1	1531.1	1534.2	1548.6	1550.6	1554.7	1552.7	1552.7	1553.7	1551.7	1552.7
5°	1594.8	1597.8	1613.2	1630.7	1634.8	1630.7	1635.8	1643.0	1643.0	1643.0	1640.9
7.5°	1656.3	1667.6	1685.1	1710.7	1715.9	1721.0	1730.2	1724.1	1726.1	1735.4	1732.3
10°	1715.9	1732.3	1751.8	1773.3	1784.6	1791.8	1795.9	1805.1	1826.7	1802.1	1811.3
12.5°	1772.3	1795.9	1816.4	1840.0	1848.2	1857.5	1860.6	1868.8	1868.8	1867.7	1874.9
15°	1809.2	1830.8	1849.3	1864.7	1866.7	1864.7	1862.6	1863.6	1866.7	1854.4	1861.6
17.5°	1817.5	1819.5	1825.7	1819.5	1820.5	1799.0	1786.7	1783.6	1754.9	1755.9	1779.5
20°	1777.4	1742.5	1733.3	1699.4	1678.9	1623.5	1621.4	1606.1	1545.5	1564.0	1559.9
22.5°	1667.6	1608.1	1529.1	1490.1	1470.6	1412.1	1366.9	1335.1	1313.6	1292.0	1282.8
25°	1522.9	1426.5	1314.6	1237.6	1226.3	1172.0	1088.8	1049.8	1003.7	989.3	1013.9
27.5°	1336.2	1211.0	1084.7	966.7	945.2	895.9	853.8	826.1	772.8	769.7	771.7
30°	1082.7	956.4	850.7	773.8	720.4	697.8	670.1	649.6	628.1	636.3	638.3
32.5°	889.7	769.7	671.2	630.1	605.5	591.1	567.5	554.2	544.9	541.8	540.8
35°	707.1	627.0	582.9	542.9	528.5	518.2	500.8	494.6	486.4	487.5	487.5
37.5°	605.5	538.8	505.9	485.4	472.1	466.9	455.6	449.5	444.4	442.3	445.4
40°	522.4	476.2	455.6	437.2	425.9	423.8	417.7	410.5	404.3	405.4	408.4
42.5°	461.8	435.1	410.5	396.1	387.9	384.8	379.7	374.6	374.6	371.5	370.5
45°	413.6	392.0	371.5	358.2	353.0	348.9	342.8	341.7	337.6	338.7	339.7
47.5°	370.5	353.0	337.6	324.3	319.2	318.1	312.0	307.9	307.9	306.8	305.8
50°	331.5	314.0	300.7	293.5	286.3	284.3	283.2	282.2	280.2	280.2	281.2
52.5°	299.7	282.2	272.0	265.8	261.7	259.6	259.6	258.6	258.6	258.6	257.6
55°	264.8	250.4	242.2	240.1	238.1	237.1	236.0	234.0	233.0	235.0	233.0
57.5°	231.9	226.8	219.6	217.6	212.4	212.4	209.4	207.3	205.2	207.3	207.3
60°	206.3	199.1	195.0	188.8	184.7	180.6	175.5	174.5	172.4	171.4	170.4
62.5°	179.6	173.4	163.2	153.9	147.8	143.7	141.6	140.6	140.6	139.6	139.6
65°	149.8	135.5	130.3	127.3	126.2	125.2	123.1	122.1	123.1	122.1	123.1
67.5°	117.0	114.9	111.9	109.8	108.8	107.8	107.8	106.7	106.7	106.7	106.7
70°	101.6	96.5	95.4	93.4	93.4	92.4	92.4	92.4	92.4	91.3	93.4
72.5°	84.2	81.1	80.0	79.0	79.0	79.0	78.0	78.0	78.0	77.0	78.0
75°	68.8	67.7	65.7	65.7	64.7	65.7	64.7	64.7	63.6	64.7	64.7
77.5°	55.4	54.4	53.4	53.4	52.3	52.3	52.3	52.3	52.3	52.3	53.4
80°	42.1	41.0	40.0	41.0	40.0	41.0	40.0	40.0	41.0	40.0	40.0
82.5°	30.8	29.8	29.8	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7
85°	18.5	17.4	17.4	18.5	17.4	18.5	17.4	17.4	17.4	18.5	18.5
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°	38.3	37.2	34.8	37.2	37.8	38.3	38.3	38.3	38.3	38.3	38.3
92.5°	149.8	117.3	99.8	87.1	82.4	77.8	76.6	72.0	73.1	70.8	73.1
95°	398.2	304.2	233.3	184.6	171.8	159.0	144.0	134.7	131.2	132.3	131.2
97.5°	747.6	622.3	496.9	379.6	344.8	310.0	264.7	241.5	228.7	221.7	228.7
100°	1084.3	1059.9	916.0	756.9	686.7	616.5	520.1	470.2	436.5	415.6	436.5
102.5°	1209.7	1346.7	1342.1	1236.4	1161.0	1085.5	978.7	884.6	840.5	810.3	840.5
105°	1169.1	1410.5	1541.7	1556.8	1537.6	1518.5	1446.5	1374.6	1324.6	1308.4	1324.6
107.5°	1083.2	1342.1	1537.1	1650.9	1674.1	1697.3	1696.1	1685.7	1670.6	1643.9	1670.6
110°	1003.1	1248.0	1455.8	1604.4	1652.0	1699.6	1749.5	1771.6	1782.0	1780.9	1782.0

TEST NUMBER: P999881

CATALOG NUMBER: SA2XXRDIP-B675D1080UB30-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	947.3	1162.1	1359.5	1520.8	1577.1	1633.4	1707.7	1748.4	1770.4	1778.6	1770.4
115°	903.2	1094.8	1273.6	1425.6	1485.4	1545.2	1627.6	1681.0	1711.2	1721.7	1711.2
117.5°	873.0	1039.0	1199.3	1340.9	1397.8	1454.7	1539.4	1596.3	1627.6	1635.8	1627.6
120°	849.8	999.6	1143.5	1266.6	1319.4	1372.2	1453.5	1508.1	1541.7	1553.3	1541.7
122.5°	830.1	968.2	1097.1	1212.0	1258.4	1304.9	1375.7	1429.1	1458.1	1467.4	1458.1
125°	811.5	938.0	1057.6	1159.8	1203.4	1246.9	1314.2	1358.3	1387.3	1396.6	1387.3
127.5°	794.1	907.9	1018.1	1115.7	1156.3	1196.9	1256.1	1297.9	1323.5	1330.4	1323.5
130°	776.7	878.8	978.7	1070.4	1108.7	1147.0	1203.9	1243.4	1266.6	1275.9	1266.6
132.5°	762.7	851.0	941.5	1024.0	1059.4	1094.8	1150.5	1190.0	1210.9	1219.0	1210.9
135°	750.0	825.4	902.1	978.7	1011.2	1043.7	1093.6	1131.9	1152.8	1157.5	1152.8
137.5°	740.7	804.5	870.7	933.4	962.4	991.4	1039.0	1072.7	1091.3	1098.3	1091.3
140°	732.6	784.8	840.5	893.9	919.4	945.0	982.2	1012.3	1029.8	1036.7	1029.8
142.5°	724.4	768.5	813.8	857.9	878.2	898.6	933.4	960.1	975.2	975.2	975.2
145°	717.5	753.5	791.8	827.8	844.6	861.4	889.3	909.0	920.6	924.1	920.6
147.5°	710.5	741.8	773.2	802.2	815.0	827.8	852.1	868.4	876.5	878.8	876.5
150°	701.2	729.1	754.6	779.0	789.4	799.9	817.3	831.2	838.2	839.4	838.2
152.5°	693.1	716.3	739.5	759.3	768.0	776.7	789.4	801.1	805.7	805.7	805.7
155°	682.6	704.7	723.3	740.7	747.1	753.5	766.2	774.3	779.0	776.7	779.0
157.5°	673.3	690.8	707.0	722.1	727.4	732.6	741.8	748.8	751.1	751.1	751.1
160°	662.9	678.0	690.8	703.5	707.6	711.7	719.8	725.6	726.8	726.8	726.8
162.5°	653.6	665.2	675.7	686.1	689.0	691.9	700.0	703.5	704.7	703.5	704.7
165°	643.2	652.5	660.6	668.7	671.0	673.3	678.0	682.6	682.6	681.5	682.6
167.5°	632.7	639.7	646.6	652.5	654.8	657.1	659.4	661.7	661.7	660.6	661.7
170°	624.6	630.4	633.9	638.5	639.6	640.8	642.0	645.5	644.3	642.0	644.3
172.5°	616.5	619.9	622.3	625.7	626.3	626.9	628.1	629.2	628.1	626.9	628.1
175°	609.5	613.0	614.1	615.3	615.9	616.5	616.5	617.6	616.5	614.1	616.5
177.5°	604.9	607.2	607.2	608.3	608.3	608.3	608.3	608.3	607.2	604.9	607.2
180°	603.7	603.7	603.7	603.7	603.7	603.7	603.7	603.7	603.7	603.7	603.7

TEST NUMBER: P999881

CATALOG NUMBER: SA2XXRDIP-B675D1080UB30-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	1476.7	1476.7	1476.7	1476.7	1476.7	1476.7	1476.7	1476.7	1476.7	1476.7	1476.7
2.5°	1556.8	1549.6	1547.6	1549.6	1547.6	1548.6	1541.4	1514.7	1521.9	1510.6	1516.8
5°	1645.0	1638.9	1625.5	1623.5	1621.4	1619.4	1609.1	1585.5	1576.3	1560.9	1559.9
7.5°	1729.2	1729.2	1718.9	1711.8	1702.5	1695.3	1682.0	1647.1	1632.7	1614.3	1604.0
10°	1812.3	1785.6	1796.9	1789.7	1767.2	1763.1	1738.4	1717.9	1690.2	1671.7	1655.3
12.5°	1871.8	1863.6	1853.4	1847.2	1841.1	1827.7	1811.3	1759.0	1744.6	1707.6	1689.2
15°	1869.8	1864.7	1867.7	1867.7	1865.7	1862.6	1849.3	1811.3	1786.7	1750.7	1718.9
17.5°	1769.2	1782.6	1795.9	1805.1	1825.7	1834.9	1847.2	1824.6	1809.2	1778.5	1744.6
20°	1593.7	1626.6	1665.6	1673.8	1692.3	1746.6	1771.3	1790.8	1796.9	1786.7	1759.0
22.5°	1349.5	1377.2	1471.6	1469.6	1496.2	1560.9	1632.7	1691.2	1737.4	1763.1	1752.8
25°	1057.0	1096.0	1146.3	1184.3	1271.5	1368.0	1457.2	1550.6	1630.7	1701.5	1718.9
27.5°	799.4	850.7	890.8	941.1	985.2	1099.1	1214.0	1359.8	1453.1	1587.6	1657.4
30°	646.5	670.1	710.2	733.8	755.3	842.5	972.9	1116.5	1280.7	1435.7	1555.8
32.5°	552.1	568.5	598.3	608.6	631.1	689.6	771.7	903.1	1072.4	1260.2	1418.3
35°	495.7	513.1	519.3	528.5	547.0	583.9	640.4	735.8	888.7	1072.4	1261.2
37.5°	447.4	456.7	474.1	480.3	486.4	514.1	552.1	618.8	720.4	871.3	1080.6
40°	413.6	418.7	427.9	433.1	437.2	456.7	490.5	535.7	610.6	725.5	918.5
42.5°	377.7	383.8	390.0	396.1	401.3	416.6	437.2	480.3	530.6	617.8	757.4
45°	342.8	346.9	354.0	358.2	365.3	377.7	396.1	425.9	471.0	526.5	639.3
47.5°	310.9	316.1	319.2	324.3	329.4	342.8	360.2	379.7	416.6	471.0	553.1
50°	282.2	288.4	292.5	293.5	297.6	309.9	324.3	345.8	369.4	411.5	483.4
52.5°	261.7	262.7	265.8	269.9	268.9	276.1	289.4	305.8	330.4	364.3	416.6
55°	238.1	241.2	243.2	244.2	244.2	250.4	257.6	273.0	292.5	320.2	364.3
57.5°	208.3	211.4	217.6	219.6	222.7	225.8	228.8	239.1	255.5	282.2	318.1
60°	177.5	179.6	185.7	189.9	191.9	200.1	204.2	212.4	221.7	241.2	275.0
62.5°	142.6	144.7	147.8	151.9	156.0	168.3	178.6	186.8	194.0	207.3	235.0
65°	124.2	125.2	127.3	128.3	129.3	134.4	143.7	155.0	168.3	178.6	195.0
67.5°	107.8	108.8	109.8	111.9	112.9	113.9	118.0	121.1	134.4	148.8	161.1
70°	92.4	94.4	95.4	95.4	96.5	98.5	100.6	104.7	108.8	116.0	131.4
72.5°	78.0	79.0	81.1	81.1	81.1	83.1	85.2	87.2	89.3	93.4	99.5
75°	64.7	66.7	66.7	66.7	67.7	67.7	69.8	71.8	73.9	77.0	79.0
77.5°	53.4	53.4	53.4	53.4	54.4	54.4	55.4	57.5	58.5	59.5	61.6
80°	40.0	41.0	41.0	41.0	42.1	42.1	42.1	44.1	45.2	45.2	47.2
82.5°	29.8	29.8	29.8	30.8	29.8	30.8	30.8	31.8	30.8	31.8	32.8
85°	18.5	18.5	18.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	20.5
87.5°	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	10.3	9.2	9.2
90°	38.3	38.3	38.3	37.8	37.2	34.8	37.2	38.3	39.5	38.3	31.3
92.5°	72.0	76.6	77.8	82.4	87.1	99.8	117.3	149.8	178.8	176.5	137.0
95°	134.7	144.0	159.0	171.8	184.6	233.3	304.2	398.2	455.1	402.8	268.2
97.5°	241.5	264.7	310.0	344.8	379.6	496.9	622.3	747.6	741.8	573.5	356.4
100°	470.2	520.1	616.5	686.7	756.9	916.0	1059.9	1084.3	917.1	631.6	380.8
102.5°	884.6	978.7	1085.5	1161.0	1236.4	1342.1	1346.7	1209.7	923.0	609.5	382.0
105°	1374.6	1446.5	1518.5	1537.6	1556.8	1541.7	1410.5	1169.1	860.3	579.3	387.8
107.5°	1685.7	1696.1	1697.3	1674.1	1650.9	1537.1	1342.1	1083.2	802.2	563.1	400.5
110°	1771.6	1749.5	1699.6	1652.0	1604.4	1455.8	1248.0	1003.1	762.7	558.4	416.8

TEST NUMBER: P999881

CATALOG NUMBER: SA2XXRDIP-B675D1080UB30-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	1748.4	1707.7	1633.4	1577.1	1520.8	1359.5	1162.1	947.3	737.2	559.6	434.2
115°	1681.0	1627.6	1545.2	1485.4	1425.6	1273.6	1094.8	903.2	719.8	564.2	451.6
117.5°	1596.3	1539.4	1454.7	1397.8	1340.9	1199.3	1039.0	873.0	710.5	571.2	470.2
120°	1508.1	1453.5	1372.2	1319.4	1266.6	1143.5	999.6	849.8	702.4	578.2	488.8
122.5°	1429.1	1375.7	1304.9	1258.4	1212.0	1097.1	968.2	830.1	697.7	586.3	505.0
125°	1358.3	1314.2	1246.9	1203.4	1159.8	1057.6	938.0	811.5	691.9	594.4	522.4
127.5°	1297.9	1256.1	1196.9	1156.3	1115.7	1018.1	907.9	794.1	688.4	602.5	538.7
130°	1243.4	1203.9	1147.0	1108.7	1070.4	978.7	878.8	776.7	686.1	611.8	553.8
132.5°	1190.0	1150.5	1094.8	1059.4	1024.0	941.5	851.0	762.7	685.0	621.1	568.9
135°	1131.9	1093.6	1043.7	1011.2	978.7	902.1	825.4	750.0	683.8	628.1	581.6
137.5°	1072.7	1039.0	991.4	962.4	933.4	870.7	804.5	740.7	683.8	635.0	592.1
140°	1012.3	982.2	945.0	919.4	893.9	840.5	784.8	732.6	682.6	639.7	600.2
142.5°	960.1	933.4	898.6	878.2	857.9	813.8	768.5	724.4	682.6	643.2	607.2
145°	909.0	889.3	861.4	844.6	827.8	791.8	753.5	717.5	680.3	645.5	613.0
147.5°	868.4	852.1	827.8	815.0	802.2	773.2	741.8	710.5	676.8	646.6	616.5
150°	831.2	817.3	799.9	789.4	779.0	754.6	729.1	701.2	673.3	645.5	618.8
152.5°	801.1	789.4	776.7	768.0	759.3	739.5	716.3	693.1	667.5	643.2	619.9
155°	774.3	766.2	753.5	747.1	740.7	723.3	704.7	682.6	660.6	640.8	621.1
157.5°	748.8	741.8	732.6	727.4	722.1	707.0	690.8	673.3	653.6	636.2	621.1
160°	725.6	719.8	711.7	707.6	703.5	690.8	678.0	662.9	646.6	632.7	621.1
162.5°	703.5	700.0	691.9	689.0	686.1	675.7	665.2	653.6	640.8	629.2	619.9
165°	682.6	678.0	673.3	671.0	668.7	660.6	652.5	643.2	632.7	624.6	617.6
167.5°	661.7	659.4	657.1	654.8	652.5	646.6	639.7	632.7	625.7	619.9	616.5
170°	645.5	642.0	640.8	639.6	638.5	633.9	630.4	624.6	619.9	616.5	614.1
172.5°	629.2	628.1	626.9	626.3	625.7	622.3	619.9	616.5	613.0	611.8	610.7
175°	617.6	616.5	616.5	615.9	615.3	614.1	613.0	609.5	608.3	607.2	608.3
177.5°	608.3	608.3	608.3	608.3	608.3	607.2	607.2	604.9	603.7	604.9	607.2
180°	603.7	603.7	603.7	603.7	603.7	603.7	603.7	603.7	603.7	603.7	603.7

TEST NUMBER: P999881

CATALOG NUMBER: SA2XXRDIP-B675D1080UB30-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
0°	1476.7	1476.7	1476.7	1476.7	1476.7	1476.7	1476.7	1476.7	1476.7	1476.7	1476.7
2.5°	1507.5	1502.4	1502.4	1499.3	1499.3	1482.9	1482.9	1488.0	1481.9	1474.7	1464.4
5°	1546.5	1535.2	1532.2	1528.1	1514.7	1494.2	1486.0	1482.9	1470.6	1455.2	1437.7
7.5°	1583.5	1565.0	1555.8	1546.5	1529.1	1500.3	1483.9	1472.6	1454.2	1430.6	1408.0
10°	1619.4	1595.8	1572.2	1560.9	1536.3	1500.3	1476.7	1458.3	1431.6	1399.8	1368.0
12.5°	1652.2	1603.0	1598.9	1576.3	1540.4	1499.3	1463.4	1436.7	1402.9	1365.9	1329.0
15°	1681.0	1630.7	1606.1	1585.5	1538.3	1487.0	1449.0	1416.2	1371.0	1329.0	1283.8
17.5°	1695.3	1640.9	1624.5	1590.7	1542.4	1475.7	1424.4	1384.4	1335.1	1284.8	1233.5
20°	1709.7	1646.1	1619.4	1595.8	1530.1	1454.2	1396.7	1350.5	1296.1	1236.6	1180.2
22.5°	1716.9	1646.1	1614.3	1581.4	1517.8	1430.6	1362.8	1308.4	1244.8	1184.3	1116.5
25°	1704.6	1639.9	1601.9	1568.1	1496.2	1401.8	1323.8	1262.3	1194.5	1125.8	1057.0
27.5°	1673.8	1625.5	1581.4	1546.5	1466.5	1364.9	1282.8	1213.0	1143.2	1066.3	996.5
30°	1616.3	1594.8	1559.9	1520.9	1433.6	1332.0	1234.6	1162.7	1085.8	1008.8	935.9
32.5°	1527.0	1545.5	1522.9	1489.1	1394.6	1286.9	1183.2	1110.4	1026.2	943.1	876.4
35°	1418.3	1483.9	1471.6	1448.0	1353.6	1238.7	1135.0	1046.8	962.6	878.5	811.7
37.5°	1299.2	1398.8	1409.0	1394.6	1306.4	1189.4	1075.5	989.3	903.1	817.9	750.2
40°	1136.0	1288.9	1321.8	1327.9	1257.1	1129.9	1010.8	926.7	841.5	758.4	676.3
42.5°	986.2	1179.1	1220.2	1245.8	1194.5	1071.4	951.3	857.9	773.8	698.9	616.8
45°	845.6	1046.8	1113.5	1146.3	1123.7	1004.7	880.5	793.3	716.3	647.6	568.5
47.5°	700.9	903.1	996.5	1048.8	1048.8	936.9	812.8	726.6	652.7	594.2	524.4
50°	604.4	772.8	869.2	938.0	956.4	868.2	751.2	667.0	597.3	533.6	480.3
52.5°	515.2	666.0	746.1	817.9	871.3	794.3	682.4	606.5	537.7	478.2	436.1
55°	445.4	558.3	631.1	710.2	769.7	719.4	615.7	541.8	482.3	433.1	397.2
57.5°	378.7	477.2	536.7	606.5	670.1	632.2	549.0	485.4	433.1	390.0	358.2
60°	322.2	402.3	448.5	502.9	581.9	555.2	486.4	427.9	385.9	346.9	320.2
62.5°	274.0	337.6	376.6	415.6	487.5	475.1	421.8	376.6	340.7	307.9	285.3
65°	224.7	277.1	307.9	341.7	399.2	404.3	361.2	329.4	296.6	267.8	247.3
67.5°	181.6	222.7	250.4	279.1	325.3	339.7	309.9	283.2	255.5	231.9	213.5
70°	146.8	175.5	196.0	218.6	256.6	274.0	258.6	240.1	217.6	198.1	181.6
72.5°	116.0	134.4	146.8	164.2	195.0	212.4	211.4	195.0	178.6	165.2	151.9
75°	85.2	99.5	109.8	121.1	145.7	162.1	166.2	159.1	142.6	132.4	122.1
77.5°	64.7	72.9	78.0	86.2	103.6	118.0	124.2	122.1	110.8	102.6	95.4
80°	49.3	51.3	53.4	56.4	70.8	84.2	88.3	87.2	81.1	78.0	69.8
82.5°	34.9	35.9	36.9	38.0	43.1	54.4	58.5	60.5	55.4	52.3	45.2
85°	20.5	21.6	21.6	23.6	24.6	27.7	34.9	34.9	33.9	29.8	28.7
87.5°	10.3	10.3	9.2	9.2	10.3	11.3	13.3	15.4	13.3	12.3	11.3
90°	23.2	17.4	15.6	13.9	11.6	9.3	4.6	1.2	4.6	9.3	11.6
92.5°	92.9	61.5	55.2	48.8	39.5	33.7	24.4	17.4	24.4	33.7	39.5
95°	167.2	113.8	99.8	85.9	67.3	56.9	45.3	40.6	45.3	56.9	67.3
97.5°	215.9	147.4	131.8	116.1	95.2	80.1	67.3	60.4	67.3	80.1	95.2
100°	239.2	177.6	161.4	145.1	121.9	103.3	92.9	89.4	92.9	103.3	121.9
102.5°	260.1	204.3	188.0	171.8	147.4	128.9	118.4	116.1	118.4	128.9	147.4
105°	284.4	229.9	213.6	197.4	171.8	154.4	146.3	141.6	146.3	154.4	171.8
107.5°	308.8	255.4	239.2	222.9	197.4	181.1	173.0	169.5	173.0	181.1	197.4
110°	333.2	282.1	265.2	248.4	224.1	209.0	202.0	197.4	202.0	209.0	224.1

TEST NUMBER: P999881

CATALOG NUMBER: SA2XXRDIP-B675D1080UB30-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
112.5°	356.4	307.7	290.2	272.8	249.6	235.7	227.5	222.9	227.5	235.7	249.6
115°	380.8	330.9	315.2	299.5	276.3	262.4	255.4	249.6	255.4	262.4	276.3
117.5°	402.8	356.4	340.2	323.9	301.8	289.1	282.1	277.5	282.1	289.1	301.8
120°	426.1	380.8	364.6	348.3	325.1	314.6	307.7	303.0	307.7	314.6	325.1
122.5°	448.1	406.3	389.5	372.7	349.4	337.8	330.9	327.4	330.9	337.8	349.4
125°	470.2	428.4	412.2	395.9	372.7	358.7	351.8	348.3	351.8	358.7	372.7
127.5°	491.1	450.4	433.6	416.8	394.7	379.6	370.3	365.7	370.3	379.6	394.7
130°	509.7	469.0	452.8	436.5	413.3	397.0	385.4	380.8	385.4	397.0	413.3
132.5°	525.9	487.6	471.4	455.1	430.7	413.3	400.5	394.7	400.5	413.3	430.7
135°	541.0	503.8	487.6	471.3	444.6	427.2	413.3	408.7	413.3	427.2	444.6
137.5°	553.8	516.6	501.5	486.4	459.7	441.2	427.2	421.4	427.2	441.2	459.7
140°	564.2	529.4	514.3	499.2	473.7	455.1	441.2	436.5	441.2	455.1	473.7
142.5°	572.3	538.7	524.8	510.8	486.4	467.9	455.1	451.6	455.1	467.9	486.4
145°	580.5	549.1	536.4	523.6	500.4	483.0	471.3	466.7	471.3	483.0	500.4
147.5°	587.4	557.3	545.6	534.0	514.3	498.0	486.4	483.0	486.4	498.0	514.3
150°	592.1	565.4	555.0	544.5	527.1	512.0	502.7	499.2	502.7	512.0	527.1
152.5°	596.7	573.5	564.2	554.9	538.7	525.9	516.6	515.5	516.6	525.9	538.7
155°	601.4	581.6	572.9	564.2	551.4	538.7	531.7	530.6	531.7	538.7	551.4
157.5°	604.9	587.4	579.8	572.3	561.9	550.3	544.5	543.3	544.5	550.3	561.9
160°	607.2	593.2	586.8	580.5	571.2	561.9	557.3	556.1	557.3	561.9	571.2
162.5°	608.3	596.7	592.0	587.4	579.3	572.3	567.7	568.9	567.7	572.3	579.3
165°	609.5	599.0	595.6	592.1	586.3	579.3	577.0	578.2	577.0	579.3	586.3
167.5°	609.5	601.4	599.0	596.7	592.1	587.4	585.1	586.3	585.1	587.4	592.1
170°	608.3	602.5	600.8	599.0	596.7	593.2	592.1	594.4	592.1	593.2	596.7
172.5°	607.2	603.7	602.6	601.4	600.2	596.7	597.9	599.0	597.9	596.7	600.2
175°	606.0	603.7	603.1	602.5	602.5	600.2	601.4	602.5	601.4	600.2	602.5
177.5°	604.9	603.7	603.7	603.7	603.7	601.4	602.5	604.9	602.5	601.4	603.7
180°	603.7	603.7	603.7	603.7	603.7	603.7	603.7	603.7	603.7	603.7	603.7

TEST NUMBER: P999881

CATALOG NUMBER: SA2XXRDIP-B675D1080UB30-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
0°	1476.7	1476.7	1476.7	1476.7	1476.7	1476.7	1476.7	1476.7	1476.7	1476.7	1476.7
2.5°	1460.3	1461.4	1464.4	1455.2	1440.8	1434.7	1416.2	1413.1	1410.0	1410.0	1413.1
5°	1427.5	1423.4	1424.4	1407.0	1386.4	1374.1	1348.5	1352.6	1339.2	1331.0	1333.1
7.5°	1391.6	1380.3	1379.3	1356.7	1331.0	1308.4	1281.8	1275.6	1263.3	1248.9	1242.8
10°	1346.4	1338.2	1322.8	1297.2	1264.3	1245.8	1209.9	1188.4	1185.3	1163.7	1155.5
12.5°	1300.2	1285.9	1270.5	1234.6	1197.6	1167.9	1141.2	1117.6	1101.1	1082.7	1070.4
15°	1246.9	1229.4	1212.0	1174.0	1130.9	1101.1	1061.1	1026.2	978.0	940.0	918.5
17.5°	1188.4	1168.9	1145.3	1103.2	1061.1	1020.1	946.2	905.1	871.3	848.7	835.4
20°	1127.8	1106.3	1082.7	1040.6	967.7	895.9	854.9	823.0	802.5	779.9	763.5
22.5°	1064.2	1041.6	1016.0	950.3	873.3	823.0	791.2	761.5	731.7	719.4	711.2
25°	1004.7	984.2	951.3	862.0	801.5	755.3	719.4	699.9	684.5	668.1	652.7
27.5°	943.1	905.1	859.0	784.0	746.1	698.9	673.2	658.8	632.2	620.9	613.7
30°	869.2	827.1	783.0	729.6	685.5	652.7	629.1	605.5	590.1	578.8	566.5
32.5°	794.3	754.3	726.6	671.2	638.3	604.4	581.9	567.5	544.9	537.7	532.6
35°	729.6	695.8	671.2	626.0	595.2	564.4	548.0	526.5	512.1	498.7	490.5
37.5°	666.0	647.6	621.9	583.9	551.1	526.5	503.9	496.7	477.2	470.0	461.8
40°	621.9	594.2	572.6	539.8	512.1	485.4	471.0	454.6	441.3	430.0	426.9
42.5°	568.5	548.0	535.7	499.8	471.0	455.6	438.2	419.7	409.5	400.2	388.9
45°	528.5	510.0	492.6	463.9	438.2	418.7	403.3	391.0	373.5	369.4	352.0
47.5°	486.4	468.0	454.6	425.9	402.3	383.8	372.5	356.1	341.7	332.5	324.3
50°	444.4	429.0	416.6	392.0	371.5	352.0	336.6	320.2	314.0	298.6	293.5
52.5°	404.3	394.1	380.7	357.1	336.6	320.2	303.8	290.4	281.2	273.0	266.8
55°	370.5	354.0	347.9	322.2	304.8	287.3	273.0	264.8	253.5	248.3	243.2
57.5°	332.5	323.3	313.0	293.5	274.0	257.6	247.3	235.0	228.8	222.7	218.6
60°	299.7	286.3	278.1	261.7	244.2	228.8	219.6	210.4	202.2	197.0	188.8
62.5°	261.7	251.4	246.3	228.8	214.5	200.1	191.9	182.7	176.5	167.3	157.0
65°	228.8	220.6	214.5	200.1	186.8	173.4	165.2	153.9	145.7	140.6	139.6
67.5°	200.1	194.0	184.7	171.4	158.0	147.8	138.5	129.3	128.3	126.2	126.2
70°	168.3	162.1	157.0	142.6	131.4	120.1	118.0	114.9	111.9	110.8	108.8
72.5°	140.6	135.5	129.3	117.0	105.7	102.6	100.6	98.5	95.4	94.4	93.4
75°	113.9	106.7	102.6	91.3	88.3	86.2	84.2	81.1	79.0	78.0	75.9
77.5°	87.2	80.0	80.0	73.9	71.8	68.8	66.7	64.7	63.6	61.6	61.6
80°	61.6	61.6	59.5	56.4	53.4	52.3	49.3	48.2	47.2	48.2	46.2
82.5°	45.2	41.0	41.0	39.0	36.9	35.9	33.9	33.9	32.8	32.8	32.8
85°	25.7	25.7	24.6	22.6	21.6	21.6	20.5	20.5	19.5	19.5	18.5
87.5°	10.3	9.2	10.3	9.2	9.2	8.2	8.2	8.2	7.2	8.2	7.2
90°	13.9	15.6	17.4	23.2	31.3	38.3	39.5	38.3	37.2	34.8	37.2
92.5°	48.8	55.2	61.5	92.9	137.0	176.5	178.8	149.8	117.3	99.8	87.1
95°	85.9	99.8	113.8	167.2	268.2	402.8	455.1	398.2	304.2	233.3	184.6
97.5°	116.1	131.8	147.4	215.9	356.4	573.5	741.8	747.6	622.3	496.9	379.6
100°	145.1	161.4	177.6	239.2	380.8	631.6	917.1	1084.3	1059.9	916.0	756.9
102.5°	171.8	188.0	204.3	260.1	382.0	609.5	923.0	1209.7	1346.7	1342.1	1236.4
105°	197.4	213.6	229.9	284.4	387.8	579.3	860.3	1169.1	1410.5	1541.7	1556.8
107.5°	222.9	239.2	255.4	308.8	400.5	563.1	802.2	1083.2	1342.1	1537.1	1650.9
110°	248.4	265.2	282.1	333.2	416.8	558.4	762.7	1003.1	1248.0	1455.8	1604.4

TEST NUMBER: P999881

CATALOG NUMBER: SA2XXRDIP-B675D1080UB30-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
112.5°	272.8	290.2	307.7	356.4	434.2	559.6	737.2	947.3	1162.1	1359.5	1520.8
115°	299.5	315.2	330.9	380.8	451.6	564.2	719.8	903.2	1094.8	1273.6	1425.6
117.5°	323.9	340.2	356.4	402.8	470.2	571.2	710.5	873.0	1039.0	1199.3	1340.9
120°	348.3	364.6	380.8	426.1	488.8	578.2	702.4	849.8	999.6	1143.5	1266.6
122.5°	372.7	389.5	406.3	448.1	505.0	586.3	697.7	830.1	968.2	1097.1	1212.0
125°	395.9	412.2	428.4	470.2	522.4	594.4	691.9	811.5	938.0	1057.6	1159.8
127.5°	416.8	433.6	450.4	491.1	538.7	602.5	688.4	794.1	907.9	1018.1	1115.7
130°	436.5	452.8	469.0	509.7	553.8	611.8	686.1	776.7	878.8	978.7	1070.4
132.5°	455.1	471.4	487.6	525.9	568.9	621.1	685.0	762.7	851.0	941.5	1024.0
135°	471.3	487.6	503.8	541.0	581.6	628.1	683.8	750.0	825.4	902.1	978.7
137.5°	486.4	501.5	516.6	553.8	592.1	635.0	683.8	740.7	804.5	870.7	933.4
140°	499.2	514.3	529.4	564.2	600.2	639.7	682.6	732.6	784.8	840.5	893.9
142.5°	510.8	524.8	538.7	572.3	607.2	643.2	682.6	724.4	768.5	813.8	857.9
145°	523.6	536.4	549.1	580.5	613.0	645.5	680.3	717.5	753.5	791.8	827.8
147.5°	534.0	545.6	557.3	587.4	616.5	646.6	676.8	710.5	741.8	773.2	802.2
150°	544.5	555.0	565.4	592.1	618.8	645.5	673.3	701.2	729.1	754.6	779.0
152.5°	554.9	564.2	573.5	596.7	619.9	643.2	667.5	693.1	716.3	739.5	759.3
155°	564.2	572.9	581.6	601.4	621.1	640.8	660.6	682.6	704.7	723.3	740.7
157.5°	572.3	579.8	587.4	604.9	621.1	636.2	653.6	673.3	690.8	707.0	722.1
160°	580.5	586.8	593.2	607.2	621.1	632.7	646.6	662.9	678.0	690.8	703.5
162.5°	587.4	592.0	596.7	608.3	619.9	629.2	640.8	653.6	665.2	675.7	686.1
165°	592.1	595.6	599.0	609.5	617.6	624.6	632.7	643.2	652.5	660.6	668.7
167.5°	596.7	599.0	601.4	609.5	616.5	619.9	625.7	632.7	639.7	646.6	652.5
170°	599.0	600.8	602.5	608.3	614.1	616.5	619.9	624.6	630.4	633.9	638.5
172.5°	601.4	602.6	603.7	607.2	610.7	611.8	613.0	616.5	619.9	622.3	625.7
175°	602.5	603.1	603.7	606.0	608.3	607.2	608.3	609.5	613.0	614.1	615.3
177.5°	603.7	603.7	603.7	604.9	607.2	604.9	603.7	604.9	607.2	607.2	608.3
180°	603.7	603.7	603.7	603.7	603.7	603.7	603.7	603.7	603.7	603.7	603.7

TEST NUMBER: P999881

CATALOG NUMBER: SA2XXRDIP-B675D1080UB30-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
0°	1476.7	1476.7	1476.7	1476.7	1476.7	1476.7	1476.7	1476.7	1476.7	1476.7	1476.7
2.5°	1413.1	1411.1	1404.9	1407.0	1403.9	1403.9	1401.8	1401.8	1401.8	1407.0	1403.9
5°	1336.2	1329.0	1321.8	1318.7	1315.6	1312.5	1312.5	1311.5	1320.8	1318.7	1326.9
7.5°	1240.7	1238.7	1224.3	1224.3	1219.2	1217.1	1222.2	1223.3	1224.3	1226.3	1231.5
10°	1155.5	1150.4	1129.9	1131.9	1128.9	1124.7	1127.8	1125.8	1133.0	1135.0	1133.0
12.5°	1055.0	1045.7	1023.2	1011.9	999.5	990.3	1001.6	993.4	1022.1	1030.3	1052.9
15°	921.6	904.1	888.7	888.7	877.4	869.2	874.3	883.6	889.7	899.0	903.1
17.5°	832.3	825.1	812.8	805.6	802.5	799.4	799.4	803.5	816.9	815.9	824.1
20°	756.3	752.2	746.1	736.8	733.8	731.7	731.7	731.7	740.9	749.1	754.3
22.5°	704.0	700.9	696.8	684.5	678.3	676.3	681.4	684.5	691.7	697.8	703.0
25°	651.7	644.5	637.3	633.2	630.1	630.1	632.2	633.2	636.3	639.3	645.5
27.5°	608.6	603.4	593.2	581.9	581.9	578.8	580.8	582.9	590.1	600.3	605.5
30°	560.3	559.3	555.2	551.1	547.0	544.9	549.0	552.1	553.1	558.3	558.3
32.5°	525.4	518.2	511.1	507.0	504.9	503.9	504.9	509.0	509.0	515.2	522.4
35°	490.5	486.4	479.2	472.1	470.0	464.9	469.0	473.1	480.3	483.4	486.4
37.5°	452.6	447.4	444.4	442.3	438.2	439.2	436.1	442.3	448.5	447.4	449.5
40°	423.8	414.6	405.4	404.3	403.3	402.3	402.3	403.3	407.4	411.5	417.7
42.5°	386.9	383.8	375.6	367.4	365.3	363.3	361.2	365.3	373.5	380.7	383.8
45°	348.9	344.8	342.8	336.6	332.5	331.5	329.4	334.6	341.7	344.8	346.9
47.5°	314.0	313.0	306.8	307.9	304.8	305.8	304.8	307.9	307.9	310.9	313.0
50°	290.4	287.3	284.3	282.2	279.1	279.1	278.1	279.1	283.2	287.3	286.3
52.5°	266.8	261.7	260.7	259.6	257.6	259.6	256.6	257.6	261.7	263.7	262.7
55°	239.1	238.1	236.0	234.0	233.0	231.9	231.9	231.9	236.0	239.1	240.1
57.5°	217.6	212.4	208.3	208.3	204.2	203.2	205.2	206.3	209.4	211.4	213.5
60°	187.8	185.7	179.6	176.5	170.4	169.3	169.3	173.4	178.6	185.7	187.8
62.5°	156.0	152.9	151.9	151.9	151.9	151.9	151.9	151.9	151.9	152.9	152.9
65°	138.5	139.6	138.5	137.5	138.5	138.5	137.5	137.5	137.5	138.5	139.6
67.5°	124.2	123.1	124.2	123.1	122.1	122.1	121.1	122.1	123.1	124.2	124.2
70°	107.8	107.8	106.7	107.8	106.7	105.7	104.7	104.7	106.7	107.8	107.8
72.5°	92.4	92.4	91.3	91.3	89.3	89.3	90.3	89.3	89.3	92.4	92.4
75°	77.0	75.9	74.9	74.9	73.9	73.9	73.9	72.9	74.9	74.9	75.9
77.5°	60.5	60.5	60.5	59.5	59.5	58.5	58.5	59.5	59.5	59.5	60.5
80°	46.2	46.2	46.2	45.2	44.1	44.1	44.1	44.1	44.1	45.2	44.1
82.5°	31.8	31.8	31.8	31.8	31.8	30.8	30.8	30.8	31.8	31.8	30.8
85°	19.5	18.5	19.5	19.5	18.5	19.5	18.5	18.5	17.4	17.4	18.5
87.5°	8.2	7.2	6.2	6.2	7.2	6.2	6.2	6.2	7.2	6.2	6.2
90°	37.8	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	37.8
92.5°	82.4	77.8	76.6	72.0	73.1	70.8	73.1	72.0	76.6	77.8	82.4
95°	171.8	159.0	144.0	134.7	131.2	132.3	131.2	134.7	144.0	159.0	171.8
97.5°	344.8	310.0	264.7	241.5	228.7	221.7	228.7	241.5	264.7	310.0	344.8
100°	686.7	616.5	520.1	470.2	436.5	415.6	436.5	470.2	520.1	616.5	686.7
102.5°	1161.0	1085.5	978.7	884.6	840.5	810.3	840.5	884.6	978.7	1085.5	1161.0
105°	1537.6	1518.5	1446.5	1374.6	1324.6	1308.4	1324.6	1374.6	1446.5	1518.5	1537.6
107.5°	1674.1	1697.3	1696.1	1685.7	1670.6	1643.9	1670.6	1685.7	1696.1	1697.3	1674.1
110°	1652.0	1699.6	1749.5	1771.6	1782.0	1780.9	1782.0	1771.6	1749.5	1699.6	1652.0

TEST NUMBER: P999881

CATALOG NUMBER: SA2XXRDIP-B675D1080UB30-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
112.5°	1577.1	1633.4	1707.7	1748.4	1770.4	1778.6	1770.4	1748.4	1707.7	1633.4	1577.1
115°	1485.4	1545.2	1627.6	1681.0	1711.2	1721.7	1711.2	1681.0	1627.6	1545.2	1485.4
117.5°	1397.8	1454.7	1539.4	1596.3	1627.6	1635.8	1627.6	1596.3	1539.4	1454.7	1397.8
120°	1319.4	1372.2	1453.5	1508.1	1541.7	1553.3	1541.7	1508.1	1453.5	1372.2	1319.4
122.5°	1258.4	1304.9	1375.7	1429.1	1458.1	1467.4	1458.1	1429.1	1375.7	1304.9	1258.4
125°	1203.4	1246.9	1314.2	1358.3	1387.3	1396.6	1387.3	1358.3	1314.2	1246.9	1203.4
127.5°	1156.3	1196.9	1256.1	1297.9	1323.5	1330.4	1323.5	1297.9	1256.1	1196.9	1156.3
130°	1108.7	1147.0	1203.9	1243.4	1266.6	1275.9	1266.6	1243.4	1203.9	1147.0	1108.7
132.5°	1059.4	1094.8	1150.5	1190.0	1210.9	1219.0	1210.9	1190.0	1150.5	1094.8	1059.4
135°	1011.2	1043.7	1093.6	1131.9	1152.8	1157.5	1152.8	1131.9	1093.6	1043.7	1011.2
137.5°	962.4	991.4	1039.0	1072.7	1091.3	1098.3	1091.3	1072.7	1039.0	991.4	962.4
140°	919.4	945.0	982.2	1012.3	1029.8	1036.7	1029.8	1012.3	982.2	945.0	919.4
142.5°	878.2	898.6	933.4	960.1	975.2	975.2	975.2	960.1	933.4	898.6	878.2
145°	844.6	861.4	889.3	909.0	920.6	924.1	920.6	909.0	889.3	861.4	844.6
147.5°	815.0	827.8	852.1	868.4	876.5	878.8	876.5	868.4	852.1	827.8	815.0
150°	789.4	799.9	817.3	831.2	838.2	839.4	838.2	831.2	817.3	799.9	789.4
152.5°	768.0	776.7	789.4	801.1	805.7	805.7	805.7	801.1	789.4	776.7	768.0
155°	747.1	753.5	766.2	774.3	779.0	776.7	779.0	774.3	766.2	753.5	747.1
157.5°	727.4	732.6	741.8	748.8	751.1	751.1	751.1	748.8	741.8	732.6	727.4
160°	707.6	711.7	719.8	725.6	726.8	726.8	726.8	725.6	719.8	711.7	707.6
162.5°	689.0	691.9	700.0	703.5	704.7	703.5	704.7	703.5	700.0	691.9	689.0
165°	671.0	673.3	678.0	682.6	682.6	681.5	682.6	682.6	678.0	673.3	671.0
167.5°	654.8	657.1	659.4	661.7	661.7	660.6	661.7	661.7	659.4	657.1	654.8
170°	639.6	640.8	642.0	645.5	644.3	642.0	644.3	645.5	642.0	640.8	639.6
172.5°	626.3	626.9	628.1	629.2	628.1	626.9	628.1	629.2	628.1	626.9	626.3
175°	615.9	616.5	616.5	617.6	616.5	614.1	616.5	617.6	616.5	616.5	615.9
177.5°	608.3	608.3	608.3	608.3	607.2	604.9	607.2	608.3	608.3	608.3	608.3
180°	603.7	603.7	603.7	603.7	603.7	603.7	603.7	603.7	603.7	603.7	603.7

TEST NUMBER: P999881

CATALOG NUMBER: SA2XXRDIP-B675D1080UB30-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
0°	1476.7	1476.7	1476.7	1476.7	1476.7	1476.7	1476.7	1476.7	1476.7	1476.7	1476.7
2.5°	1407.0	1412.1	1410.0	1398.8	1410.0	1413.1	1419.3	1425.4	1429.5	1435.7	1440.8
5°	1318.7	1329.0	1335.1	1329.0	1349.5	1352.6	1366.9	1375.1	1387.5	1397.7	1405.9
7.5°	1235.6	1243.8	1256.1	1258.2	1270.5	1284.8	1305.4	1325.9	1345.4	1355.7	1364.9
10°	1146.3	1160.7	1179.1	1175.0	1193.5	1216.1	1237.6	1270.5	1286.9	1305.4	1321.8
12.5°	1057.0	1066.3	1090.9	1099.1	1125.8	1143.2	1173.0	1193.5	1234.6	1256.1	1270.5
15°	901.0	939.0	969.8	1006.7	1041.6	1074.5	1101.1	1138.1	1174.0	1190.4	1214.0
17.5°	830.2	847.7	866.1	884.6	929.8	988.3	1035.5	1075.5	1106.3	1127.8	1155.5
20°	756.3	773.8	794.3	811.7	839.5	881.5	940.0	1008.8	1045.7	1068.3	1095.0
22.5°	704.0	720.4	733.8	749.1	770.7	801.5	845.6	930.8	980.1	1007.8	1031.4
25°	647.6	668.1	682.4	693.7	711.2	745.0	781.0	829.2	917.5	939.0	971.8
27.5°	608.6	614.7	631.1	648.6	666.0	684.5	721.4	762.5	822.0	869.2	909.2
30°	562.4	577.8	593.2	600.3	615.7	642.4	665.0	709.1	755.3	792.3	840.5
32.5°	527.5	536.7	547.0	564.4	578.8	597.3	619.8	656.8	695.8	719.4	756.3
35°	488.5	494.6	516.2	523.4	537.7	556.2	578.8	607.5	649.6	668.1	694.8
37.5°	451.5	465.9	472.1	488.5	501.8	520.3	536.7	569.6	597.3	618.8	643.4
40°	422.8	429.0	440.3	454.6	465.9	480.3	500.8	524.4	554.2	571.6	593.2
42.5°	387.9	393.0	407.4	415.6	434.1	447.4	459.8	488.5	515.2	528.5	550.1
45°	349.9	362.3	371.5	387.9	398.2	414.6	430.0	450.5	475.1	490.5	502.9
47.5°	317.1	329.4	338.7	354.0	370.5	377.7	394.1	415.6	438.2	450.5	468.0
50°	290.4	294.5	312.0	319.2	336.6	351.0	362.3	380.7	405.4	412.5	426.9
52.5°	264.8	267.8	279.1	288.4	303.8	316.1	330.4	347.9	368.4	379.7	391.0
55°	242.2	244.2	249.4	259.6	269.9	285.3	298.6	315.1	332.5	344.8	355.1
57.5°	216.5	220.6	224.7	230.9	241.2	255.5	269.9	285.3	299.7	307.9	321.2
60°	186.8	192.9	200.1	207.3	214.5	224.7	241.2	255.5	268.9	276.1	286.3
62.5°	155.0	167.3	173.4	181.6	187.8	197.0	209.4	225.8	235.0	244.2	252.5
65°	139.6	140.6	141.6	149.8	161.1	170.4	181.6	194.0	208.3	214.5	220.6
67.5°	124.2	125.2	127.3	128.3	132.4	142.6	155.0	168.3	179.6	183.7	189.9
70°	108.8	108.8	112.9	113.9	114.9	116.0	126.2	139.6	149.8	155.0	162.1
72.5°	92.4	93.4	95.4	96.5	98.5	100.6	103.6	110.8	123.1	128.3	136.5
75°	75.9	77.0	78.0	79.0	82.1	83.1	86.2	90.3	95.4	101.6	106.7
77.5°	60.5	60.5	61.6	63.6	65.7	66.7	69.8	71.8	73.9	77.0	81.1
80°	45.2	46.2	46.2	48.2	48.2	49.3	50.3	53.4	55.4	57.5	59.5
82.5°	30.8	32.8	32.8	32.8	33.9	34.9	35.9	35.9	38.0	39.0	42.1
85°	18.5	19.5	19.5	19.5	18.5	20.5	20.5	21.6	21.6	21.6	22.6
87.5°	7.2	6.2	7.2	7.2	7.2	8.2	7.2	7.2	8.2	9.2	9.2
90°	37.2	34.8	37.2	38.3	39.5	38.3	31.3	23.2	17.4	15.6	13.9
92.5°	87.1	99.8	117.3	149.8	178.8	176.5	137.0	92.9	61.5	55.2	48.8
95°	184.6	233.3	304.2	398.2	455.1	402.8	268.2	167.2	113.8	99.8	85.9
97.5°	379.6	496.9	622.3	747.6	741.8	573.5	356.4	215.9	147.4	131.8	116.1
100°	756.9	916.0	1059.9	1084.3	917.1	631.6	380.8	239.2	177.6	161.4	145.1
102.5°	1236.4	1342.1	1346.7	1209.7	923.0	609.5	382.0	260.1	204.3	188.0	171.8
105°	1556.8	1541.7	1410.5	1169.1	860.3	579.3	387.8	284.4	229.9	213.6	197.4
107.5°	1650.9	1537.1	1342.1	1083.2	802.2	563.1	400.5	308.8	255.4	239.2	222.9
110°	1604.4	1455.8	1248.0	1003.1	762.7	558.4	416.8	333.2	282.1	265.2	248.4

TEST NUMBER: P999881

CATALOG NUMBER: SA2XXRDIP-B675D1080UB30-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
112.5°	1520.8	1359.5	1162.1	947.3	737.2	559.6	434.2	356.4	307.7	290.2	272.8
115°	1425.6	1273.6	1094.8	903.2	719.8	564.2	451.6	380.8	330.9	315.2	299.5
117.5°	1340.9	1199.3	1039.0	873.0	710.5	571.2	470.2	402.8	356.4	340.2	323.9
120°	1266.6	1143.5	999.6	849.8	702.4	578.2	488.8	426.1	380.8	364.6	348.3
122.5°	1212.0	1097.1	968.2	830.1	697.7	586.3	505.0	448.1	406.3	389.5	372.7
125°	1159.8	1057.6	938.0	811.5	691.9	594.4	522.4	470.2	428.4	412.2	395.9
127.5°	1115.7	1018.1	907.9	794.1	688.4	602.5	538.7	491.1	450.4	433.6	416.8
130°	1070.4	978.7	878.8	776.7	686.1	611.8	553.8	509.7	469.0	452.8	436.5
132.5°	1024.0	941.5	851.0	762.7	685.0	621.1	568.9	525.9	487.6	471.4	455.1
135°	978.7	902.1	825.4	750.0	683.8	628.1	581.6	541.0	503.8	487.6	471.3
137.5°	933.4	870.7	804.5	740.7	683.8	635.0	592.1	553.8	516.6	501.5	486.4
140°	893.9	840.5	784.8	732.6	682.6	639.7	600.2	564.2	529.4	514.3	499.2
142.5°	857.9	813.8	768.5	724.4	682.6	643.2	607.2	572.3	538.7	524.8	510.8
145°	827.8	791.8	753.5	717.5	680.3	645.5	613.0	580.5	549.1	536.4	523.6
147.5°	802.2	773.2	741.8	710.5	676.8	646.6	616.5	587.4	557.3	545.6	534.0
150°	779.0	754.6	729.1	701.2	673.3	645.5	618.8	592.1	565.4	555.0	544.5
152.5°	759.3	739.5	716.3	693.1	667.5	643.2	619.9	596.7	573.5	564.2	554.9
155°	740.7	723.3	704.7	682.6	660.6	640.8	621.1	601.4	581.6	572.9	564.2
157.5°	722.1	707.0	690.8	673.3	653.6	636.2	621.1	604.9	587.4	579.8	572.3
160°	703.5	690.8	678.0	662.9	646.6	632.7	621.1	607.2	593.2	586.8	580.5
162.5°	686.1	675.7	665.2	653.6	640.8	629.2	619.9	608.3	596.7	592.0	587.4
165°	668.7	660.6	652.5	643.2	632.7	624.6	617.6	609.5	599.0	595.6	592.1
167.5°	652.5	646.6	639.7	632.7	625.7	619.9	616.5	609.5	601.4	599.0	596.7
170°	638.5	633.9	630.4	624.6	619.9	616.5	614.1	608.3	602.5	600.8	599.0
172.5°	625.7	622.3	619.9	616.5	613.0	611.8	610.7	607.2	603.7	602.6	601.4
175°	615.3	614.1	613.0	609.5	608.3	607.2	608.3	606.0	603.7	603.1	602.5
177.5°	608.3	607.2	607.2	604.9	603.7	604.9	607.2	604.9	603.7	603.7	603.7
180°	603.7	603.7	603.7	603.7	603.7	603.7	603.7	603.7	603.7	603.7	603.7

TEST NUMBER: P999881

CATALOG NUMBER: SA2XXRDIP-B675D1080UB30-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
0°	1476.7	1476.7	1476.7	1476.7
2.5°	1450.1	1447.0	1465.5	1486.0
5°	1420.3	1425.4	1449.0	1477.8
7.5°	1389.5	1400.8	1428.5	1466.5
10°	1346.4	1366.9	1409.0	1448.0
12.5°	1304.3	1332.0	1372.1	1418.3
15°	1257.1	1287.9	1337.2	1392.6
17.5°	1204.8	1239.7	1297.2	1357.7
20°	1149.4	1195.6	1256.1	1321.8
22.5°	1087.8	1143.2	1205.8	1278.7
25°	1028.3	1088.8	1151.4	1235.6
27.5°	969.8	1029.3	1099.1	1184.3
30°	911.3	965.7	1040.6	1131.9
32.5°	848.7	905.1	984.2	1077.5
35°	791.2	847.7	921.6	1013.9
37.5°	729.6	790.2	861.0	956.4
40°	657.8	728.6	797.4	888.7
42.5°	598.3	673.2	739.9	826.1
45°	551.1	621.9	677.3	761.5
47.5°	507.0	564.4	620.9	698.9
50°	464.9	509.0	567.5	637.3
52.5°	421.8	459.8	510.0	575.7
55°	382.8	418.7	463.9	514.1
57.5°	346.9	372.5	417.7	462.8
60°	306.8	333.5	368.4	406.4
62.5°	273.0	293.5	326.3	358.2
65°	237.1	256.6	281.2	310.9
67.5°	204.2	221.7	241.2	264.8
70°	174.5	187.8	202.2	222.7
72.5°	142.6	157.0	170.4	186.8
75°	117.0	123.1	134.4	145.7
77.5°	90.3	98.5	104.7	113.9
80°	64.7	71.8	73.9	81.1
82.5°	43.1	47.2	51.3	53.4
85°	24.6	26.7	30.8	31.8
87.5°	9.2	10.3	12.3	14.4
90°	11.6	9.3	4.6	1.2
92.5°	39.5	33.7	24.4	17.4
95°	67.3	56.9	45.3	40.6
97.5°	95.2	80.1	67.3	60.4
100°	121.9	103.3	92.9	89.4
102.5°	147.4	128.9	118.4	116.1
105°	171.8	154.4	146.3	141.6
107.5°	197.4	181.1	173.0	169.5
110°	224.1	209.0	202.0	197.4



TEST NUMBER: P999881

CATALOG NUMBER: SA2XXRDIP-B675D1080UB30-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
112.5°	249.6	235.7	227.5	222.9
115°	276.3	262.4	255.4	249.6
117.5°	301.8	289.1	282.1	277.5
120°	325.1	314.6	307.7	303.0
122.5°	349.4	337.8	330.9	327.4
125°	372.7	358.7	351.8	348.3
127.5°	394.7	379.6	370.3	365.7
130°	413.3	397.0	385.4	380.8
132.5°	430.7	413.3	400.5	394.7
135°	444.6	427.2	413.3	408.7
137.5°	459.7	441.2	427.2	421.4
140°	473.7	455.1	441.2	436.5
142.5°	486.4	467.9	455.1	451.6
145°	500.4	483.0	471.3	466.7
147.5°	514.3	498.0	486.4	483.0
150°	527.1	512.0	502.7	499.2
152.5°	538.7	525.9	516.6	515.5
155°	551.4	538.7	531.7	530.6
157.5°	561.9	550.3	544.5	543.3
160°	571.2	561.9	557.3	556.1
162.5°	579.3	572.3	567.7	568.9
165°	586.3	579.3	577.0	578.2
167.5°	592.1	587.4	585.1	586.3
170°	596.7	593.2	592.1	594.4
172.5°	600.2	596.7	597.9	599.0
175°	602.5	600.2	601.4	602.5
177.5°	603.7	601.4	602.5	604.9
180°	603.7	603.7	603.7	603.7

(END OF REPORT)