

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: P999987

Luminaire Tested: SA2XXRDIP-B675D725UB2750-4F0-XX-W2A-A_2700K

Issue Date: 5/6/2025

Test Information

Test Method: LM-79-2019
Report Number: P999987
REPORT IS A COMBINATION OF REPORTS P988544 AND P1007351
Test Lab: INNOVATION CENTER
Issue Date: 5/6/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: NEO-RAY
Catalog Number: SA2XXRDIP-B675D725UB2750-4F0-XX-W2A-A_2700K
Description: Define 2 Regressed Direct/Indirect Pendant with 2700K BioUP LEDs {m-DER=0.473}
{m-EER=0.52}
Light Source: -
Ballast/Driver: -

Summary

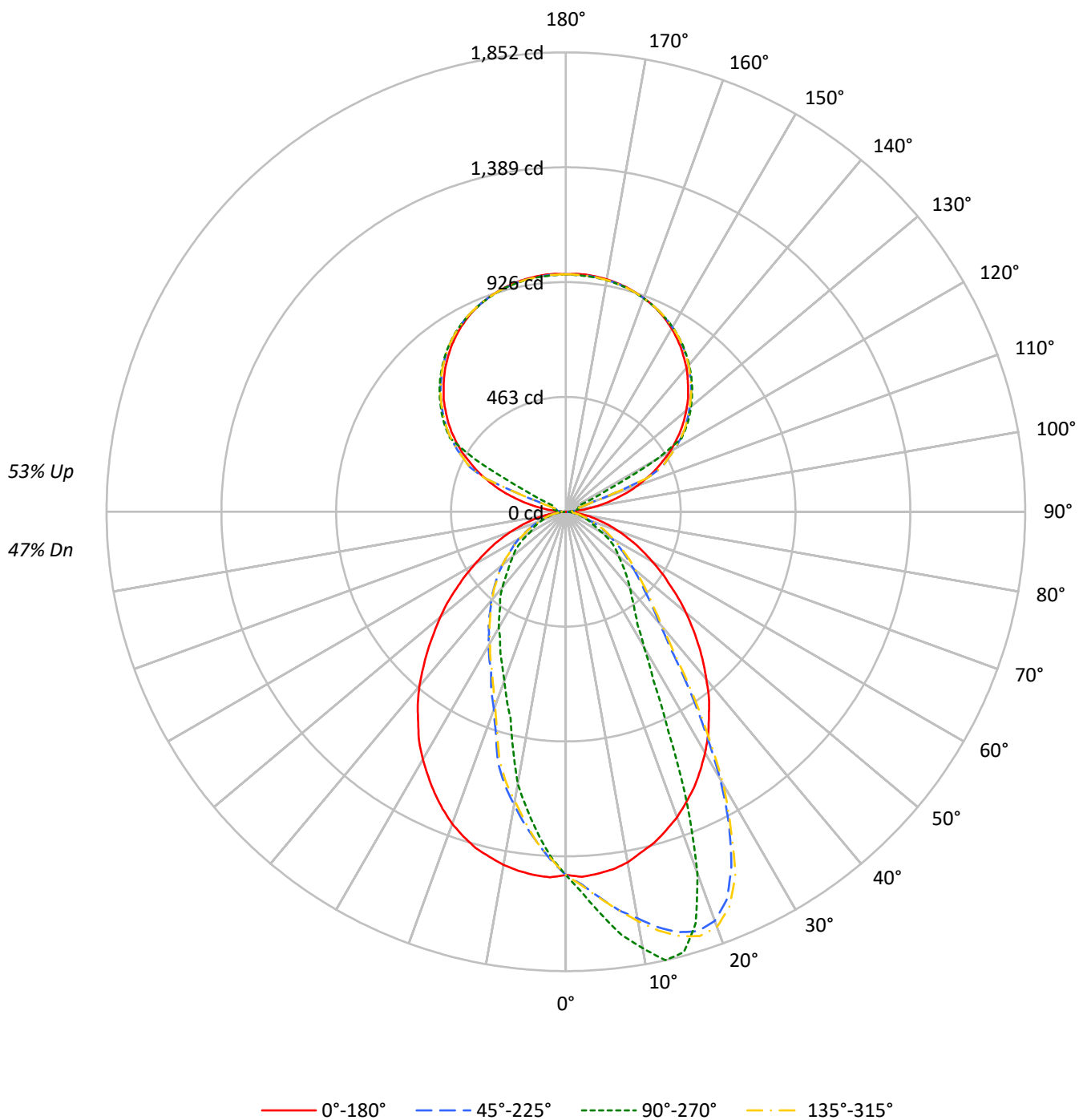
Lumens per Lamp: N/A
Luminaire Lumens: 5338.0 lumens
Efficiency: N/A
Efficacy: 93.6 lumens/watt
Spacing Criteria (0/90/45): 1.16 / 0.85 / 1.01
Luminous Opening: Rectangular w/ Sides (W: 0.17' x L: 4' x H: 0.1')
CIE Type: General Diffuse

Input Watts (W): 57
Input Voltage (V): 120
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

TEST NUMBER: P999987

CATALOG NUMBER: SA2XXRDIP-B675D725UB2750-4F0-XX-W2A-A_2700K

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	107	107	107	107	98	98	98	98	82	82	82	67	67	67	54	54	54
1	98	94	90	87	90	87	84	81	73	71	69	60	59	57	49	48	47
2	90	83	77	72	82	77	72	68	65	61	58	54	51	49	44	42	41
3	82	74	67	61	76	68	62	57	58	53	50	48	45	43	40	37	36
4	76	66	58	53	70	61	54	49	52	47	43	44	40	37	36	33	31
5	70	59	51	46	64	55	48	43	47	42	38	40	36	33	33	30	28
6	65	53	46	40	60	50	43	38	43	37	34	36	32	29	30	27	25
7	60	48	41	36	55	45	38	34	39	34	30	33	29	26	28	25	23
8	56	44	37	32	52	41	35	30	36	31	27	31	27	24	26	23	21
9	52	41	33	29	48	38	32	27	33	28	24	28	24	22	24	21	19
10	49	37	30	26	45	35	29	25	31	26	22	26	22	20	22	19	17

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	23174	23174	23174	23174
5°	23228	24614	23309	19664
10°	22972	26017	23135	16239
15°	22474	26025	22855	12199
20°	21875	21513	22351	10065
25°	21147	13443	21605	8562
30°	20220	8607	20769	7371
35°	19090	6615	19708	6308
40°	17833	5560	18594	5517
45°	16487	4732	17175	4632
50°	15109	4020	15814	4006
55°	13582	3495	14314	3448
60°	12226	2664	12872	2633
65°	10960	2006	11610	2274
70°	9562	1601	10311	1854
75°	8083	1227	8822	1403
80°	6419	835	6906	919
85°	4450	430	4887	454

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 165°

Vertical Angle: 45°

Luminance: 21199 cd/sqm

TEST NUMBER: P999987

CATALOG NUMBER: SA2XXRDIP-B675D725UB2750-4F0-XX-W2A-A_2700K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	138.9	2.6
10°-20°	387.6	7.3
20°-30°	498.8	9.3
30°-40°	473.3	8.9
40°-50°	405.6	7.6
50°-60°	308.9	5.8
60°-70°	194.8	3.6
70°-80°	97.2	1.8
80°-90°	26.7	0.5
90°-100°	31.6	0.6
100°-110°	117.7	2.2
110°-120°	312.1	5.8
120°-130°	517.6	9.7
130°-140°	549.8	10.3
140°-150°	511.0	9.6
150°-160°	410.8	7.7
160°-170°	264.7	5.0
170°-180°	91.1	1.7
0°-30°	1025.3	19.2
0°-40°	1498.6	28.1
0°-60°	2213.0	41.5
0°-90°	2531.7	47.4
90°-120°	461.3	8.6
90°-150°	2039.7	38.2
90°-180°	2806.0	52.6
0°-180°	5338.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1464	1464	1464	1464	1464	
5°	1465	1629	1470	1301	1465	139
15°	1381	1838	1404	862	1381	388
25°	1225	981	1251	625	1225	562
35°	1005	483	1038	461	1005	629
45°	755	336	786	329	755	583
55°	510	233	537	230	510	459
65°	308	121	327	137	308	306
75°	144	64	158	73	144	156
85°	32	18	35	19	32	36
90°	1	19	1	19	1	5
95°	45	30	45	30	45	53
105°	211	53	211	53	211	225
115°	398	57	398	57	398	392
125°	563	592	563	592	563	502
135°	697	720	697	720	697	538
145°	808	821	808	821	808	506
155°	890	891	890	891	890	410
165°	938	936	938	936	938	265
175°	959	954	959	954	959	91
180°	957	957	957	957	957	

TEST NUMBER: P999987

CATALOG NUMBER: SA2XXRDIP-B675D725UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	1464.0	1464.0	1464.0	1464.0	1464.0	1464.0	1464.0	1464.0	1464.0	1464.0	1464.0
2.5°	1473.2	1479.3	1482.3	1486.4	1495.6	1501.7	1510.8	1512.8	1511.8	1515.9	1504.7
5°	1465.0	1478.3	1490.5	1500.6	1516.9	1527.1	1538.3	1551.5	1554.6	1569.8	1560.7
7.5°	1453.8	1473.2	1490.5	1510.8	1535.2	1548.5	1565.8	1586.1	1595.3	1613.6	1618.7
10°	1435.5	1463.0	1492.5	1513.9	1547.4	1570.8	1587.1	1619.7	1641.0	1668.5	1664.4
12.5°	1406.0	1441.6	1481.3	1516.9	1560.7	1575.9	1606.4	1640.0	1667.5	1692.9	1715.3
15°	1380.6	1421.3	1465.0	1508.8	1558.6	1587.1	1617.6	1661.4	1690.9	1735.7	1755.0
17.5°	1346.0	1397.9	1449.8	1498.6	1557.6	1590.2	1627.8	1670.5	1714.3	1757.0	1772.3
20°	1310.4	1366.3	1422.3	1488.4	1555.6	1587.1	1625.8	1678.7	1721.4	1755.0	1755.0
22.5°	1267.7	1335.8	1399.9	1463.0	1536.2	1582.0	1621.7	1683.8	1714.3	1721.4	1693.9
25°	1224.9	1293.1	1363.3	1441.6	1525.1	1565.8	1610.5	1668.5	1678.7	1650.2	1579.0
27.5°	1174.1	1250.4	1329.7	1414.2	1501.7	1552.5	1593.2	1631.9	1612.6	1536.2	1425.4
30°	1122.2	1204.6	1294.1	1374.5	1480.3	1527.1	1561.7	1572.9	1511.8	1387.7	1244.3
32.5°	1068.3	1148.6	1243.2	1339.9	1446.7	1491.5	1513.9	1484.4	1372.5	1215.8	1040.8
35°	1005.2	1095.7	1194.4	1295.1	1400.9	1434.5	1447.7	1375.5	1232.1	1029.6	855.6
37.5°	948.2	1038.7	1144.6	1247.3	1350.1	1368.4	1355.2	1242.2	1060.1	859.7	689.8
40°	881.1	977.7	1081.5	1196.4	1280.9	1286.0	1253.4	1106.9	881.1	692.8	588.0
42.5°	819.0	916.7	1020.4	1137.4	1201.5	1184.2	1140.5	948.2	735.6	597.2	512.8
45°	754.9	847.5	959.4	1063.2	1108.9	1068.3	1002.1	797.6	617.6	513.8	448.7
47.5°	692.8	779.3	890.2	989.9	998.1	952.3	873.9	668.4	535.1	451.7	398.8
50°	631.8	718.3	822.0	904.5	896.3	833.2	744.7	580.9	464.9	398.8	355.1
52.5°	570.8	649.1	749.8	814.9	780.3	719.3	631.8	492.4	405.9	347.9	314.4
55°	509.7	583.0	669.4	723.4	668.4	598.2	536.2	422.2	352.0	305.2	279.8
57.5°	458.8	516.8	596.2	628.7	562.6	507.7	453.8	363.2	305.2	271.6	242.1
60°	402.9	455.8	520.9	540.2	472.1	427.3	381.5	307.2	261.5	232.0	212.6
62.5°	355.1	398.8	448.7	448.7	388.6	355.1	320.5	257.4	219.8	196.4	187.2
65°	308.3	339.8	375.4	371.3	320.5	291.0	263.5	212.6	184.1	167.9	158.7
67.5°	262.5	286.9	310.3	296.1	259.4	234.0	208.6	171.9	152.6	141.4	129.2
70°	220.8	240.1	252.3	239.1	202.5	181.1	162.8	138.4	123.1	108.9	101.7
72.5°	185.2	193.3	197.4	181.1	150.6	138.4	125.1	107.8	94.6	87.5	85.5
75°	144.5	151.6	148.5	136.3	110.9	101.7	91.6	79.4	76.3	72.2	70.2
77.5°	112.9	112.9	107.8	96.7	79.4	72.2	68.2	62.1	59.0	58.0	56.0
80°	80.4	79.4	76.3	64.1	53.9	49.9	49.9	45.8	44.8	42.7	42.7
82.5°	52.9	52.9	48.8	38.7	35.6	34.6	33.6	31.5	31.5	30.5	30.5
85°	31.5	29.5	24.4	21.4	20.3	20.3	19.3	18.3	19.3	18.3	18.3
87.5°	14.2	11.2	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1
90°	0.7	2.4	4.1	5.8	7.5	8.3	8.9	10.2	11.4	12.7	13.9
92.5°	17.3	16.7	16.1	15.4	14.8	14.5	14.7	15.2	15.7	16.1	16.6
95°	45.0	39.9	34.9	29.8	24.7	22.2	22.7	23.8	24.9	25.9	27.0
97.5°	81.0	68.4	55.8	43.1	30.5	24.2	25.4	27.9	30.4	32.8	35.3
100°	122.6	101.5	80.4	59.3	38.2	27.7	29.0	31.6	34.3	36.9	39.5
102.5°	168.3	168.0	167.7	167.4	167.1	166.9	152.9	124.9	96.9	68.9	40.9
105°	210.6	215.2	219.8	224.4	229.0	231.3	210.3	168.3	126.3	84.3	42.3
107.5°	259.7	263.6	267.4	271.3	275.2	277.1	251.2	199.3	147.4	95.5	43.6
110°	306.8	310.0	313.3	316.5	319.8	321.4	299.2	254.7	210.2	165.7	121.2



TEST NUMBER: P999987

CATALOG NUMBER: SA2XXRDIP-B675D725UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	351.2	354.0	356.7	359.5	362.2	363.6	362.3	359.7	357.1	354.5	351.9
115°	398.3	400.9	403.5	406.2	408.8	410.1	412.0	415.9	419.7	423.6	427.4
117.5°	439.1	442.2	445.3	448.4	451.5	453.0	454.3	456.9	459.6	462.2	464.8
120°	484.9	487.2	489.5	491.8	494.1	495.2	496.6	499.4	502.1	504.9	507.7
122.5°	523.6	526.1	528.5	531.0	533.5	534.7	536.2	539.3	542.4	545.5	548.6
125°	563.1	565.1	567.1	569.1	571.1	572.1	573.6	576.5	579.4	582.4	585.3
127.5°	599.1	601.3	603.4	605.6	607.7	608.8	610.0	612.3	614.6	616.9	619.2
130°	633.1	635.6	638.0	640.5	643.0	644.2	645.0	646.7	648.4	650.1	651.8
132.5°	667.7	669.7	671.7	673.7	675.7	676.7	677.5	679.2	680.9	682.6	684.3
135°	696.8	699.3	701.7	704.2	706.7	707.9	708.6	710.0	711.3	712.7	714.1
137.5°	727.3	729.1	731.0	732.8	734.7	735.6	736.4	737.9	739.4	741.0	742.5
140°	757.1	758.3	759.5	760.8	762.0	762.6	763.4	765.1	766.8	768.5	770.2
142.5°	782.0	783.1	784.2	785.3	786.4	786.9	787.9	789.9	791.9	793.9	795.9
145°	808.3	808.1	808.0	807.8	807.7	807.6	808.9	811.5	814.2	816.8	819.4
147.5°	831.2	830.7	830.3	829.8	829.3	829.1	830.4	833.0	835.7	838.3	840.9
150°	853.3	852.2	851.2	850.1	849.0	848.5	849.7	852.2	854.7	857.1	859.6
152.5°	872.1	870.9	869.6	868.4	867.1	866.5	867.7	870.0	872.3	874.6	876.9
155°	890.1	888.7	887.3	885.9	884.5	883.8	884.7	886.6	888.4	890.3	892.1
157.5°	904.6	903.4	902.2	900.9	899.7	899.1	899.8	901.2	902.5	903.9	905.3
160°	917.1	916.2	915.2	914.3	913.4	912.9	913.4	914.3	915.2	916.2	917.1
162.5°	928.2	927.3	926.3	925.4	924.5	924.0	924.4	925.2	925.9	926.7	927.5
165°	937.9	937.0	936.0	935.1	934.2	933.7	933.9	934.4	934.9	935.3	935.8
167.5°	945.5	944.6	943.6	942.7	941.8	941.3	941.5	942.0	942.5	942.9	943.4
170°	951.7	950.8	949.9	949.0	948.1	947.6	947.7	948.0	948.3	948.6	948.9
172.5°	955.9	955.0	954.0	953.1	952.2	951.7	951.9	952.2	952.5	952.8	953.1
175°	959.3	958.2	957.2	956.1	955.0	954.5	954.7	955.0	955.3	955.6	955.9
177.5°	960.7	959.6	958.6	957.5	956.4	955.9	956.0	956.1	956.3	956.4	956.6
180°	957.2	957.2	957.2	957.2	957.2	957.2	957.2	957.2	957.2	957.2	957.2

TEST NUMBER: P999987

CATALOG NUMBER: SA2XXRDIP-B675D725UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	1464.0	1464.0	1464.0	1464.0	1464.0	1464.0	1464.0	1464.0	1464.0	1464.0	1464.0
2.5°	1515.9	1517.9	1521.0	1535.2	1537.3	1541.3	1539.3	1539.3	1540.3	1538.3	1539.3
5°	1581.0	1584.1	1599.3	1616.6	1620.7	1616.6	1621.7	1628.8	1628.8	1628.8	1626.8
7.5°	1642.1	1653.2	1670.5	1696.0	1701.1	1706.2	1715.3	1709.2	1711.2	1720.4	1717.3
10°	1701.1	1717.3	1736.7	1758.0	1769.2	1776.4	1780.4	1789.6	1810.9	1786.5	1795.7
12.5°	1757.0	1780.4	1800.8	1824.2	1832.3	1841.5	1844.5	1852.7	1852.7	1851.6	1858.8
15°	1793.6	1815.0	1833.3	1848.6	1850.6	1848.6	1846.6	1847.6	1850.6	1838.4	1845.5
17.5°	1801.8	1803.8	1809.9	1803.8	1804.8	1783.5	1771.3	1768.2	1739.7	1740.7	1764.1
20°	1762.1	1727.5	1718.4	1684.8	1664.4	1609.5	1607.5	1592.2	1532.2	1550.5	1546.4
22.5°	1653.2	1594.2	1515.9	1477.2	1457.9	1399.9	1355.2	1323.6	1302.3	1280.9	1271.7
25°	1509.8	1414.2	1303.3	1227.0	1215.8	1161.9	1079.4	1040.8	995.0	980.8	1005.2
27.5°	1324.6	1200.5	1075.4	958.4	937.0	888.2	846.5	819.0	766.1	763.0	765.1
30°	1073.3	948.2	843.4	767.1	714.2	691.8	664.4	644.0	622.6	630.8	632.8
32.5°	882.1	763.0	665.4	624.7	600.3	586.0	562.6	549.4	540.2	537.2	536.2
35°	701.0	621.6	577.9	538.2	524.0	513.8	496.5	490.4	482.2	483.3	483.3
37.5°	600.3	534.1	501.6	481.2	468.0	462.9	451.7	445.6	440.5	438.5	441.5
40°	517.8	472.1	451.7	433.4	422.2	420.2	414.1	407.0	400.8	401.9	404.9
42.5°	457.8	431.4	407.0	392.7	384.6	381.5	376.4	371.3	371.3	368.3	367.3
45°	410.0	388.6	368.3	355.1	350.0	345.9	339.8	338.8	334.7	335.7	336.8
47.5°	367.3	350.0	334.7	321.5	316.4	315.4	309.3	305.2	305.2	304.2	303.2
50°	328.6	311.3	298.1	291.0	283.9	281.8	280.8	279.8	277.7	277.7	278.8
52.5°	297.1	279.8	269.6	263.5	259.4	257.4	257.4	256.4	256.4	256.4	255.4
55°	262.5	248.2	240.1	238.1	236.0	235.0	234.0	232.0	230.9	233.0	230.9
57.5°	229.9	224.8	217.7	215.7	210.6	210.6	207.5	205.5	203.5	205.5	205.5
60°	204.5	197.4	193.3	187.2	183.1	179.1	174.0	173.0	170.9	169.9	168.9
62.5°	178.0	171.9	161.8	152.6	146.5	142.4	140.4	139.4	139.4	138.4	138.4
65°	148.5	134.3	129.2	126.2	125.1	124.1	122.1	121.1	122.1	121.1	122.1
67.5°	116.0	113.9	110.9	108.9	107.8	106.8	106.8	105.8	105.8	105.8	105.8
70°	100.7	95.6	94.6	92.6	92.6	91.6	91.6	91.6	91.6	90.5	92.6
72.5°	83.4	80.4	79.4	78.3	78.3	78.3	77.3	77.3	77.3	76.3	77.3
75°	68.2	67.1	65.1	65.1	64.1	65.1	64.1	64.1	63.1	64.1	64.1
77.5°	54.9	53.9	52.9	52.9	51.9	51.9	51.9	51.9	51.9	51.9	52.9
80°	41.7	40.7	39.7	40.7	39.7	40.7	39.7	39.7	40.7	39.7	39.7
82.5°	30.5	29.5	29.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5
85°	18.3	17.3	17.3	18.3	17.3	18.3	17.3	17.3	17.3	18.3	18.3
87.5°	8.1	9.2	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	9.2
90°	14.7	15.4	16.2	16.9	17.3	17.5	17.8	18.1	18.4	18.7	18.4
92.5°	16.9	17.2	17.5	17.8	18.0	18.1	18.2	18.4	18.5	18.7	18.5
95°	27.8	28.6	29.3	30.1	30.5	30.4	30.3	30.1	30.0	29.8	30.0
97.5°	35.8	36.2	36.7	37.2	37.4	37.5	37.6	37.8	37.9	38.1	37.9
100°	40.7	41.9	43.2	44.4	45.0	45.2	45.5	45.8	46.1	46.4	46.1
102.5°	42.6	44.3	46.0	47.7	48.5	48.7	49.2	49.7	50.1	50.6	50.1
105°	44.0	45.7	47.4	49.1	49.9	50.2	50.8	51.4	52.0	52.6	52.0
107.5°	45.3	47.0	48.7	50.4	51.3	51.6	52.2	52.8	53.4	54.0	53.4
110°	105.8	90.4	75.0	59.6	51.9	52.2	52.8	53.5	54.1	54.7	54.1

TEST NUMBER: P999987

CATALOG NUMBER: SA2XXRDIP-B675D725UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	285.5	219.2	152.8	86.5	53.3	53.5	54.0	54.5	54.9	55.4	54.9
115°	356.1	284.9	213.6	142.3	106.7	101.2	90.1	79.0	67.9	56.8	67.9
117.5°	442.8	420.8	398.7	376.7	365.7	345.5	305.2	264.9	224.5	184.2	224.5
120°	509.5	511.4	513.2	515.1	516.0	505.6	484.8	464.1	443.3	422.5	443.3
122.5°	549.5	550.4	551.3	552.2	552.7	552.8	552.9	553.1	553.2	553.4	553.2
125°	586.4	587.4	588.5	589.6	590.1	590.3	590.8	591.3	591.7	592.2	591.7
127.5°	620.8	622.3	623.9	625.4	626.2	626.3	626.4	626.6	626.7	626.9	626.7
130°	653.5	655.2	656.9	658.6	659.4	659.3	659.2	659.0	658.9	658.7	658.9
132.5°	685.7	687.1	688.5	689.9	690.6	690.5	690.4	690.2	690.1	689.9	690.1
135°	715.7	717.2	718.8	720.3	721.1	720.9	720.6	720.3	720.0	719.7	720.0
137.5°	744.1	745.6	747.2	748.7	749.5	749.3	748.8	748.3	747.9	747.4	747.9
140°	771.6	773.0	774.4	775.8	776.5	776.1	775.3	774.6	773.8	773.0	773.8
142.5°	797.1	798.3	799.6	800.8	801.4	801.0	800.2	799.5	798.7	797.9	798.7
145°	820.5	821.6	822.7	823.8	824.3	823.9	823.1	822.4	821.6	820.8	821.6
147.5°	841.7	842.4	843.2	843.9	844.3	844.0	843.4	842.8	842.2	841.6	842.2
150°	860.5	861.4	862.3	863.2	863.7	863.3	862.6	861.8	861.1	860.3	861.1
152.5°	877.8	878.8	879.7	880.6	881.1	880.6	879.5	878.4	877.3	876.2	877.3
155°	893.0	894.0	894.9	895.8	896.3	895.7	894.5	893.2	892.0	890.8	892.0
157.5°	906.4	907.4	908.5	909.6	910.1	909.5	908.3	907.0	905.8	904.6	905.8
160°	918.0	918.9	919.8	920.7	921.2	920.7	919.6	918.5	917.5	916.4	917.5
162.5°	928.6	929.6	930.7	931.8	932.3	931.6	930.2	928.9	927.5	926.1	927.5
165°	936.9	937.9	939.0	940.1	940.6	940.1	939.0	937.9	936.9	935.8	936.9
167.5°	944.5	945.5	946.6	947.7	948.2	947.5	946.1	944.8	943.4	942.0	943.4
170°	950.0	951.1	952.2	953.3	953.8	953.1	951.7	950.4	949.0	947.6	949.0
172.5°	954.2	955.2	956.3	957.4	957.9	957.2	955.8	954.5	953.1	951.7	953.1
175°	957.0	958.0	959.1	960.2	960.7	959.9	958.4	956.9	955.3	953.8	955.3
177.5°	957.7	958.7	959.8	960.9	961.4	960.7	959.3	958.0	956.6	955.2	956.6
180°	957.2	957.2	957.2	957.2	957.2	957.2	957.2	957.2	957.2	957.2	957.2

TEST NUMBER: P999987

CATALOG NUMBER: SA2XXRDIP-B675D725UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	1464.0	1464.0	1464.0	1464.0	1464.0	1464.0	1464.0	1464.0	1464.0	1464.0	1464.0
2.5°	1543.4	1536.2	1534.2	1536.2	1534.2	1535.2	1528.1	1501.7	1508.8	1497.6	1503.7
5°	1630.9	1624.8	1611.5	1609.5	1607.5	1605.4	1595.3	1571.9	1562.7	1547.4	1546.4
7.5°	1714.3	1714.3	1704.1	1697.0	1687.8	1680.7	1667.5	1632.9	1618.7	1600.3	1590.2
10°	1796.7	1770.2	1781.4	1774.3	1751.9	1747.9	1723.4	1703.1	1675.6	1657.3	1641.0
12.5°	1855.7	1847.6	1837.4	1831.3	1825.2	1812.0	1795.7	1743.8	1729.6	1692.9	1674.6
15°	1853.7	1848.6	1851.6	1851.6	1849.6	1846.6	1833.3	1795.7	1771.3	1735.7	1704.1
17.5°	1754.0	1767.2	1780.4	1789.6	1809.9	1819.1	1831.3	1808.9	1793.6	1763.1	1729.6
20°	1580.0	1612.6	1651.2	1659.4	1677.7	1731.6	1756.0	1775.3	1781.4	1771.3	1743.8
22.5°	1337.9	1365.3	1458.9	1456.9	1483.3	1547.4	1618.7	1676.6	1722.4	1747.9	1737.7
25°	1047.9	1086.6	1136.4	1174.1	1260.5	1356.2	1444.7	1537.3	1616.6	1686.8	1704.1
27.5°	792.5	843.4	883.1	932.9	976.7	1089.6	1203.6	1348.0	1440.6	1573.9	1643.1
30°	641.0	664.4	704.0	727.4	748.8	835.3	964.5	1106.9	1269.7	1423.3	1542.4
32.5°	547.4	563.6	593.1	603.3	625.7	683.7	765.1	895.3	1063.2	1249.3	1406.0
35°	491.4	508.7	514.8	524.0	542.3	578.9	634.8	729.5	881.1	1063.2	1250.4
37.5°	443.6	452.7	470.0	476.1	482.2	509.7	547.4	613.5	714.2	863.8	1071.3
40°	410.0	415.1	424.2	429.3	433.4	452.7	486.3	531.1	605.3	719.3	910.6
42.5°	374.4	380.5	386.6	392.7	397.8	413.1	433.4	476.1	526.0	612.5	750.8
45°	339.8	343.9	351.0	355.1	362.2	374.4	392.7	422.2	467.0	521.9	633.8
47.5°	308.3	313.4	316.4	321.5	326.6	339.8	357.1	376.4	413.1	467.0	548.4
50°	279.8	285.9	290.0	291.0	295.0	307.2	321.5	342.9	366.3	408.0	479.2
52.5°	259.4	260.5	263.5	267.6	266.6	273.7	286.9	303.2	327.6	361.2	413.1
55°	236.0	239.1	241.1	242.1	242.1	248.2	255.4	270.6	290.0	317.4	361.2
57.5°	206.5	209.6	215.7	217.7	220.8	223.8	226.9	237.1	253.3	279.8	315.4
60°	176.0	178.0	184.1	188.2	190.3	198.4	202.5	210.6	219.8	239.1	272.7
62.5°	141.4	143.5	146.5	150.6	154.6	166.9	177.0	185.2	192.3	205.5	233.0
65°	123.1	124.1	126.2	127.2	128.2	133.3	142.4	153.6	166.9	177.0	193.3
67.5°	106.8	107.8	108.9	110.9	111.9	112.9	117.0	120.1	133.3	147.5	159.7
70°	91.6	93.6	94.6	94.6	95.6	97.7	99.7	103.8	107.8	115.0	130.2
72.5°	77.3	78.3	80.4	80.4	80.4	82.4	84.4	86.5	88.5	92.6	98.7
75°	64.1	66.1	66.1	66.1	67.1	67.1	69.2	71.2	73.3	76.3	78.3
77.5°	52.9	52.9	52.9	52.9	53.9	53.9	54.9	57.0	58.0	59.0	61.0
80°	39.7	40.7	40.7	40.7	41.7	41.7	41.7	43.7	44.8	44.8	46.8
82.5°	29.5	29.5	29.5	30.5	29.5	30.5	30.5	31.5	30.5	31.5	32.6
85°	18.3	18.3	18.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	20.3
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°	18.1	17.8	17.5	17.3	16.9	16.2	15.4	14.7	13.9	12.7	11.4
92.5°	18.4	18.2	18.1	18.0	17.8	17.5	17.2	16.9	16.6	16.1	15.7
95°	30.1	30.3	30.4	30.5	30.1	29.3	28.6	27.8	27.0	25.9	24.9
97.5°	37.8	37.6	37.5	37.4	37.2	36.7	36.2	35.8	35.3	32.8	30.4
100°	45.8	45.5	45.2	45.0	44.4	43.2	41.9	40.7	39.5	36.9	34.3
102.5°	49.7	49.2	48.7	48.5	47.7	46.0	44.3	42.6	40.9	38.9	36.9
105°	51.4	50.8	50.2	49.9	49.1	47.4	45.7	44.0	42.3	40.3	38.3
107.5°	52.8	52.2	51.6	51.3	50.4	48.7	47.0	45.3	43.6	41.9	40.2
110°	53.5	52.8	52.2	51.9	50.6	48.9	47.2	45.5	43.8	42.1	40.4

TEST NUMBER: P999987

CATALOG NUMBER: SA2XXRDIP-B675D725UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	54.5	54.0	53.5	53.3	86.5	152.8	219.2	285.5	351.9	354.5	357.1
115°	79.0	90.1	101.2	106.7	142.3	213.6	284.9	356.1	427.4	423.6	419.7
117.5°	264.9	305.2	345.5	365.7	376.7	398.7	420.8	442.8	464.8	462.2	459.6
120°	464.1	484.8	505.6	516.0	515.1	513.2	511.4	509.5	507.7	504.9	502.1
122.5°	553.1	552.9	552.8	552.7	552.2	551.3	550.4	549.5	548.6	545.5	542.4
125°	591.3	590.8	590.3	590.1	589.6	588.5	587.4	586.4	585.3	582.4	579.4
127.5°	626.6	626.4	626.3	626.2	625.4	623.9	622.3	620.8	619.2	616.9	614.6
130°	659.0	659.2	659.3	659.4	658.6	656.9	655.2	653.5	651.8	650.1	648.4
132.5°	690.2	690.4	690.5	690.6	689.9	688.5	687.1	685.7	684.3	682.6	680.9
135°	720.3	720.6	720.9	721.1	720.3	718.8	717.2	715.7	714.1	712.7	711.3
137.5°	748.3	748.8	749.3	749.5	748.7	747.2	745.6	744.1	742.5	741.0	739.4
140°	774.6	775.3	776.1	776.5	775.8	774.4	773.0	771.6	770.2	768.5	766.8
142.5°	799.5	800.2	801.0	801.4	800.8	799.6	798.3	797.1	795.9	793.9	791.9
145°	822.4	823.1	823.9	824.3	823.8	822.7	821.6	820.5	819.4	816.8	814.2
147.5°	842.8	843.4	844.0	844.3	843.9	843.2	842.4	841.7	840.9	838.3	835.7
150°	861.8	862.6	863.3	863.7	863.2	862.3	861.4	860.5	859.6	857.1	854.7
152.5°	878.4	879.5	880.6	881.1	880.6	879.7	878.8	877.8	876.9	874.6	872.3
155°	893.2	894.5	895.7	896.3	895.8	894.9	894.0	893.0	892.1	890.3	888.4
157.5°	907.0	908.3	909.5	910.1	909.6	908.5	907.4	906.4	905.3	903.9	902.5
160°	918.5	919.6	920.7	921.2	920.7	919.8	918.9	918.0	917.1	916.2	915.2
162.5°	928.9	930.2	931.6	932.3	931.8	930.7	929.6	928.6	927.5	926.7	925.9
165°	937.9	939.0	940.1	940.6	940.1	939.0	937.9	936.9	935.8	935.3	934.9
167.5°	944.8	946.1	947.5	948.2	947.7	946.6	945.5	944.5	943.4	942.9	942.5
170°	950.4	951.7	953.1	953.8	953.3	952.2	951.1	950.0	948.9	948.6	948.3
172.5°	954.5	955.8	957.2	957.9	957.4	956.3	955.2	954.2	953.1	952.8	952.5
175°	956.9	958.4	959.9	960.7	960.2	959.1	958.0	957.0	955.9	955.6	955.3
177.5°	958.0	959.3	960.7	961.4	960.9	959.8	958.7	957.7	956.6	956.4	956.3
180°	957.2	957.2	957.2	957.2	957.2	957.2	957.2	957.2	957.2	957.2	957.2

TEST NUMBER: P999987

CATALOG NUMBER: SA2XXRDIP-B675D725UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
0°	1464.0	1464.0	1464.0	1464.0	1464.0	1464.0	1464.0	1464.0	1464.0	1464.0	1464.0
2.5°	1494.5	1489.4	1489.4	1486.4	1486.4	1470.1	1470.1	1475.2	1469.1	1462.0	1451.8
5°	1533.2	1522.0	1519.0	1514.9	1501.7	1481.3	1473.2	1470.1	1457.9	1442.7	1425.4
7.5°	1569.8	1551.5	1542.4	1533.2	1515.9	1487.4	1471.1	1459.9	1441.6	1418.2	1395.9
10°	1605.4	1582.0	1558.6	1547.4	1523.0	1487.4	1464.0	1445.7	1419.3	1387.7	1356.2
12.5°	1638.0	1589.2	1585.1	1562.7	1527.1	1486.4	1450.8	1424.3	1390.8	1354.1	1317.5
15°	1666.5	1616.6	1592.2	1571.9	1525.1	1474.2	1436.5	1404.0	1359.2	1317.5	1272.7
17.5°	1680.7	1626.8	1610.5	1576.9	1529.1	1463.0	1412.1	1372.5	1323.6	1273.8	1222.9
20°	1695.0	1631.9	1605.4	1582.0	1516.9	1441.6	1384.7	1338.9	1285.0	1225.9	1170.0
22.5°	1702.1	1631.9	1600.3	1567.8	1504.7	1418.2	1351.1	1297.2	1234.1	1174.1	1106.9
25°	1689.9	1625.8	1588.1	1554.6	1483.3	1389.7	1312.4	1251.4	1184.2	1116.1	1047.9
27.5°	1659.4	1611.5	1567.8	1533.2	1453.8	1353.1	1271.7	1202.5	1133.4	1057.1	987.9
30°	1602.4	1581.0	1546.4	1507.8	1421.3	1320.6	1223.9	1152.7	1076.4	1000.1	927.9
32.5°	1513.9	1532.2	1509.8	1476.2	1382.6	1275.8	1173.0	1100.8	1017.4	935.0	868.8
35°	1406.0	1471.1	1458.9	1435.5	1341.9	1228.0	1125.2	1037.7	954.3	870.9	804.8
37.5°	1288.0	1386.7	1396.9	1382.6	1295.1	1179.1	1066.2	980.8	895.3	810.9	743.7
40°	1126.2	1277.8	1310.4	1316.5	1246.3	1120.1	1002.1	918.7	834.3	751.8	670.5
42.5°	977.7	1169.0	1209.7	1235.1	1184.2	1062.1	943.1	850.5	767.1	692.8	611.4
45°	838.3	1037.7	1103.9	1136.4	1114.0	996.0	872.9	786.4	710.1	642.0	563.6
47.5°	694.9	895.3	987.9	1039.8	1039.8	928.9	805.8	720.3	647.1	589.1	519.9
50°	599.2	766.1	861.7	929.9	948.2	860.7	744.7	661.3	592.1	529.0	476.1
52.5°	510.7	660.3	739.6	810.9	863.8	787.5	676.6	601.3	533.1	474.1	432.4
55°	441.5	553.5	625.7	704.0	763.0	713.2	610.4	537.2	478.2	429.3	393.7
57.5°	375.4	473.1	532.1	601.3	664.4	626.7	544.3	481.2	429.3	386.6	355.1
60°	319.5	398.8	444.6	498.5	576.9	550.4	482.2	424.2	382.5	343.9	317.4
62.5°	271.6	334.7	373.4	412.0	483.3	471.0	418.1	373.4	337.8	305.2	282.8
65°	222.8	274.7	305.2	338.8	395.8	400.8	358.1	326.6	294.0	265.5	245.2
67.5°	180.1	220.8	248.2	276.7	322.5	336.8	307.2	280.8	253.3	229.9	211.6
70°	145.5	174.0	194.3	216.7	254.3	271.6	256.4	238.1	215.7	196.4	180.1
72.5°	115.0	133.3	145.5	162.8	193.3	210.6	209.6	193.3	177.0	163.8	150.6
75°	84.4	98.7	108.9	120.1	144.5	160.7	164.8	157.7	141.4	131.2	121.1
77.5°	64.1	72.2	77.3	85.5	102.8	117.0	123.1	121.1	109.9	101.7	94.6
80°	48.8	50.9	52.9	56.0	70.2	83.4	87.5	86.5	80.4	77.3	69.2
82.5°	34.6	35.6	36.6	37.6	42.7	53.9	58.0	60.0	54.9	51.9	44.8
85°	20.3	21.4	21.4	23.4	24.4	27.5	34.6	34.6	33.6	29.5	28.5
87.5°	10.2	10.2	9.2	9.2	10.2	11.2	13.2	15.3	13.2	12.2	11.2
90°	10.2	8.9	8.3	7.5	5.8	4.1	2.4	0.7	2.4	4.1	5.8
92.5°	15.2	14.7	14.5	14.8	15.4	16.1	16.7	17.3	16.7	16.1	15.4
95°	23.8	22.7	22.2	24.7	29.8	34.9	39.9	45.0	39.9	34.9	29.8
97.5°	27.9	25.4	24.2	30.5	43.1	55.8	68.4	81.0	68.4	55.8	43.1
100°	31.6	29.0	27.7	38.2	59.3	80.4	101.5	122.6	101.5	80.4	59.3
102.5°	124.9	152.9	166.9	167.1	167.4	167.7	168.0	168.3	168.0	167.7	167.4
105°	168.3	210.3	231.3	229.0	224.4	219.8	215.2	210.6	215.2	219.8	224.4
107.5°	199.3	251.2	277.1	275.2	271.3	267.4	263.6	259.7	263.6	267.4	271.3
110°	254.7	299.2	321.4	319.8	316.5	313.3	310.0	306.8	310.0	313.3	316.5

TEST NUMBER: P999987

CATALOG NUMBER: SA2XXRDIP-B675D725UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
112.5°	359.7	362.3	363.6	362.2	359.5	356.7	354.0	351.2	354.0	356.7	359.5
115°	415.9	412.0	410.1	408.8	406.2	403.5	400.9	398.3	400.9	403.5	406.2
117.5°	456.9	454.3	453.0	451.5	448.4	445.3	442.2	439.1	442.2	445.3	448.4
120°	499.4	496.6	495.2	494.1	491.8	489.5	487.2	484.9	487.2	489.5	491.8
122.5°	539.3	536.2	534.7	533.5	531.0	528.5	526.1	523.6	526.1	528.5	531.0
125°	576.5	573.6	572.1	571.1	569.1	567.1	565.1	563.1	565.1	567.1	569.1
127.5°	612.3	610.0	608.8	607.7	605.6	603.4	601.3	599.1	601.3	603.4	605.6
130°	646.7	645.0	644.2	643.0	640.5	638.0	635.6	633.1	635.6	638.0	640.5
132.5°	679.2	677.5	676.7	675.7	673.7	671.7	669.7	667.7	669.7	671.7	673.7
135°	710.0	708.6	707.9	706.7	704.2	701.7	699.3	696.8	699.3	701.7	704.2
137.5°	737.9	736.4	735.6	734.7	732.8	731.0	729.1	727.3	729.1	731.0	732.8
140°	765.1	763.4	762.6	762.0	760.8	759.5	758.3	757.1	758.3	759.5	760.8
142.5°	789.9	787.9	786.9	786.4	785.3	784.2	783.1	782.0	783.1	784.2	785.3
145°	811.5	808.9	807.6	807.7	807.8	808.0	808.1	808.3	808.1	808.0	807.8
147.5°	833.0	830.4	829.1	829.3	829.8	830.3	830.7	831.2	830.7	830.3	829.8
150°	852.2	849.7	848.5	849.0	850.1	851.2	852.2	853.3	852.2	851.2	850.1
152.5°	870.0	867.7	866.5	867.1	868.4	869.6	870.9	872.1	870.9	869.6	868.4
155°	886.6	884.7	883.8	884.5	885.9	887.3	888.7	890.1	888.7	887.3	885.9
157.5°	901.2	899.8	899.1	899.7	900.9	902.2	903.4	904.6	903.4	902.2	900.9
160°	914.3	913.4	912.9	913.4	914.3	915.2	916.2	917.1	916.2	915.2	914.3
162.5°	925.2	924.4	924.0	924.5	925.4	926.3	927.3	928.2	927.3	926.3	925.4
165°	934.4	933.9	933.7	934.2	935.1	936.0	937.0	937.9	937.0	936.0	935.1
167.5°	942.0	941.5	941.3	941.8	942.7	943.6	944.6	945.5	944.6	943.6	942.7
170°	948.0	947.7	947.6	948.1	949.0	949.9	950.8	951.7	950.8	949.9	949.0
172.5°	952.2	951.9	951.7	952.2	953.1	954.0	955.0	955.9	955.0	954.0	953.1
175°	955.0	954.7	954.5	955.0	956.1	957.2	958.2	959.3	958.2	957.2	956.1
177.5°	956.1	956.0	955.9	956.4	957.5	958.6	959.6	960.7	959.6	958.6	957.5
180°	957.2	957.2	957.2	957.2	957.2	957.2	957.2	957.2	957.2	957.2	957.2

TEST NUMBER: P999987

CATALOG NUMBER: SA2XXRDIP-B675D725UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
0°	1464.0	1464.0	1464.0	1464.0	1464.0	1464.0	1464.0	1464.0	1464.0	1464.0	1464.0
2.5°	1447.7	1448.8	1451.8	1442.7	1428.4	1422.3	1404.0	1400.9	1397.9	1397.9	1400.9
5°	1415.2	1411.1	1412.1	1394.8	1374.5	1362.3	1336.8	1340.9	1327.7	1319.5	1321.6
7.5°	1379.6	1368.4	1367.4	1345.0	1319.5	1297.2	1270.7	1264.6	1252.4	1238.2	1232.1
10°	1334.8	1326.7	1311.4	1286.0	1253.4	1235.1	1199.5	1178.1	1175.1	1153.7	1145.6
12.5°	1289.0	1274.8	1259.5	1223.9	1187.3	1157.8	1131.3	1107.9	1091.7	1073.3	1061.1
15°	1236.1	1218.8	1201.5	1163.9	1121.2	1091.7	1052.0	1017.4	969.6	931.9	910.6
17.5°	1178.1	1158.8	1135.4	1093.7	1052.0	1011.3	938.0	897.3	863.8	841.4	828.2
20°	1118.1	1096.7	1073.3	1031.6	959.4	888.2	847.5	815.9	795.6	773.2	756.9
22.5°	1055.0	1032.6	1007.2	942.1	865.8	815.9	784.4	754.9	725.4	713.2	705.0
25°	996.0	975.7	943.1	854.6	794.6	748.8	713.2	693.9	678.6	662.3	647.1
27.5°	935.0	897.3	851.6	777.3	739.6	692.8	667.4	653.2	626.7	615.5	608.4
30°	861.7	820.0	776.3	723.4	679.6	647.1	623.7	600.3	585.0	573.8	561.6
32.5°	787.5	747.8	720.3	665.4	632.8	599.2	576.9	562.6	540.2	533.1	528.0
35°	723.4	689.8	665.4	620.6	590.1	559.6	543.3	521.9	507.7	494.4	486.3
37.5°	660.3	642.0	616.5	578.9	546.3	521.9	499.5	492.4	473.1	466.0	457.8
40°	616.5	589.1	567.7	535.1	507.7	481.2	467.0	450.7	437.5	426.3	423.2
42.5°	563.6	543.3	531.1	495.5	467.0	451.7	434.4	416.1	405.9	396.8	385.6
45°	524.0	505.6	488.3	459.9	434.4	415.1	399.8	387.6	370.3	366.3	349.0
47.5°	482.2	463.9	450.7	422.2	398.8	380.5	369.3	353.0	338.8	329.6	321.5
50°	440.5	425.3	413.1	388.6	368.3	349.0	333.7	317.4	311.3	296.1	291.0
52.5°	400.8	390.7	377.4	354.0	333.7	317.4	301.1	287.9	278.8	270.6	264.5
55°	367.3	351.0	344.9	319.5	302.2	284.9	270.6	262.5	251.3	246.2	241.1
57.5°	329.6	320.5	310.3	291.0	271.6	255.4	245.2	233.0	226.9	220.8	216.7
60°	297.1	283.9	275.7	259.4	242.1	226.9	217.7	208.6	200.4	195.3	187.2
62.5°	259.4	249.3	244.2	226.9	212.6	198.4	190.3	181.1	175.0	165.8	155.7
65°	226.9	218.7	212.6	198.4	185.2	171.9	163.8	152.6	144.5	139.4	138.4
67.5°	198.4	192.3	183.1	169.9	156.7	146.5	137.3	128.2	127.2	125.1	125.1
70°	166.9	160.7	155.7	141.4	130.2	119.0	117.0	113.9	110.9	109.9	107.8
72.5°	139.4	134.3	128.2	116.0	104.8	101.7	99.7	97.7	94.6	93.6	92.6
75°	112.9	105.8	101.7	90.5	87.5	85.5	83.4	80.4	78.3	77.3	75.3
77.5°	86.5	79.4	79.4	73.3	71.2	68.2	66.1	64.1	63.1	61.0	61.0
80°	61.0	61.0	59.0	56.0	52.9	51.9	48.8	47.8	46.8	47.8	45.8
82.5°	44.8	40.7	40.7	38.7	36.6	35.6	33.6	33.6	32.6	32.6	32.6
85°	25.4	25.4	24.4	22.4	21.4	21.4	20.3	20.3	19.3	19.3	18.3
87.5°	10.2	9.2	10.2	9.2	9.2	8.1	8.1	8.1	7.1	8.1	7.1
90°	7.5	8.3	8.9	10.2	11.4	12.7	13.9	14.7	15.4	16.2	16.9
92.5°	14.8	14.5	14.7	15.2	15.7	16.1	16.6	16.9	17.2	17.5	17.8
95°	24.7	22.2	22.7	23.8	24.9	25.9	27.0	27.8	28.6	29.3	30.1
97.5°	30.5	24.2	25.4	27.9	30.4	32.8	35.3	35.8	36.2	36.7	37.2
100°	38.2	27.7	29.0	31.6	34.3	36.9	39.5	40.7	41.9	43.2	44.4
102.5°	167.1	166.9	152.9	124.9	96.9	68.9	40.9	42.6	44.3	46.0	47.7
105°	229.0	231.3	210.3	168.3	126.3	84.3	42.3	44.0	45.7	47.4	49.1
107.5°	275.2	277.1	251.2	199.3	147.4	95.5	43.6	45.3	47.0	48.7	50.4
110°	319.8	321.4	299.2	254.7	210.2	165.7	121.2	105.8	90.4	75.0	59.6

TEST NUMBER: P999987

CATALOG NUMBER: SA2XXRDIP-B675D725UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
112.5°	362.2	363.6	362.3	359.7	357.1	354.5	351.9	285.5	219.2	152.8	86.5
115°	408.8	410.1	412.0	415.9	419.7	423.6	427.4	356.1	284.9	213.6	142.3
117.5°	451.5	453.0	454.3	456.9	459.6	462.2	464.8	442.8	420.8	398.7	376.7
120°	494.1	495.2	496.6	499.4	502.1	504.9	507.7	509.5	511.4	513.2	515.1
122.5°	533.5	534.7	536.2	539.3	542.4	545.5	548.6	549.5	550.4	551.3	552.2
125°	571.1	572.1	573.6	576.5	579.4	582.4	585.3	586.4	587.4	588.5	589.6
127.5°	607.7	608.8	610.0	612.3	614.6	616.9	619.2	620.8	622.3	623.9	625.4
130°	643.0	644.2	645.0	646.7	648.4	650.1	651.8	653.5	655.2	656.9	658.6
132.5°	675.7	676.7	677.5	679.2	680.9	682.6	684.3	685.7	687.1	688.5	689.9
135°	706.7	707.9	708.6	710.0	711.3	712.7	714.1	715.7	717.2	718.8	720.3
137.5°	734.7	735.6	736.4	737.9	739.4	741.0	742.5	744.1	745.6	747.2	748.7
140°	762.0	762.6	763.4	765.1	766.8	768.5	770.2	771.6	773.0	774.4	775.8
142.5°	786.4	786.9	787.9	789.9	791.9	793.9	795.9	797.1	798.3	799.6	800.8
145°	807.7	807.6	808.9	811.5	814.2	816.8	819.4	820.5	821.6	822.7	823.8
147.5°	829.3	829.1	830.4	833.0	835.7	838.3	840.9	841.7	842.4	843.2	843.9
150°	849.0	848.5	849.7	852.2	854.7	857.1	859.6	860.5	861.4	862.3	863.2
152.5°	867.1	866.5	867.7	870.0	872.3	874.6	876.9	877.8	878.8	879.7	880.6
155°	884.5	883.8	884.7	886.6	888.4	890.3	892.1	893.0	894.0	894.9	895.8
157.5°	899.7	899.1	899.8	901.2	902.5	903.9	905.3	906.4	907.4	908.5	909.6
160°	913.4	912.9	913.4	914.3	915.2	916.2	917.1	918.0	918.9	919.8	920.7
162.5°	924.5	924.0	924.4	925.2	925.9	926.7	927.5	928.6	929.6	930.7	931.8
165°	934.2	933.7	933.9	934.4	934.9	935.3	935.8	936.9	937.9	939.0	940.1
167.5°	941.8	941.3	941.5	942.0	942.5	942.9	943.4	944.5	945.5	946.6	947.7
170°	948.1	947.6	947.7	948.0	948.3	948.6	948.9	950.0	951.1	952.2	953.3
172.5°	952.2	951.7	951.9	952.2	952.5	952.8	953.1	954.2	955.2	956.3	957.4
175°	955.0	954.5	954.7	955.0	955.3	955.6	955.9	957.0	958.0	959.1	960.2
177.5°	956.4	955.9	956.0	956.1	956.3	956.4	956.6	957.7	958.7	959.8	960.9
180°	957.2	957.2	957.2	957.2	957.2	957.2	957.2	957.2	957.2	957.2	957.2

TEST NUMBER: P999987

CATALOG NUMBER: SA2XXRDIP-B675D725UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
0°	1464.0	1464.0	1464.0	1464.0	1464.0	1464.0	1464.0	1464.0	1464.0	1464.0	1464.0
2.5°	1400.9	1398.9	1392.8	1394.8	1391.8	1391.8	1389.7	1389.7	1389.7	1394.8	1391.8
5°	1324.6	1317.5	1310.4	1307.3	1304.3	1301.2	1301.2	1300.2	1309.4	1307.3	1315.5
7.5°	1230.0	1228.0	1213.7	1213.7	1208.7	1206.6	1211.7	1212.7	1213.7	1215.8	1220.9
10°	1145.6	1140.5	1120.1	1122.2	1119.1	1115.1	1118.1	1116.1	1123.2	1125.2	1123.2
12.5°	1045.9	1036.7	1014.3	1003.1	990.9	981.8	993.0	984.8	1013.3	1021.5	1043.8
15°	913.6	896.3	881.1	881.1	869.9	861.7	866.8	876.0	882.1	891.2	895.3
17.5°	825.1	818.0	805.8	798.6	795.6	792.5	792.5	796.6	809.8	808.8	817.0
20°	749.8	745.7	739.6	730.5	727.4	725.4	725.4	725.4	734.6	742.7	747.8
22.5°	697.9	694.9	690.8	678.6	672.5	670.5	675.5	678.6	685.7	691.8	696.9
25°	646.0	638.9	631.8	627.7	624.7	624.7	626.7	627.7	630.8	633.8	639.9
27.5°	603.3	598.2	588.0	576.9	576.9	573.8	575.8	577.9	585.0	595.2	600.3
30°	555.5	554.5	550.4	546.3	542.3	540.2	544.3	547.4	548.4	553.5	553.5
32.5°	520.9	513.8	506.7	502.6	500.6	499.5	500.6	504.6	504.6	510.7	517.8
35°	486.3	482.2	475.1	468.0	466.0	460.9	464.9	469.0	476.1	479.2	482.2
37.5°	448.7	443.6	440.5	438.5	434.4	435.4	432.4	438.5	444.6	443.6	445.6
40°	420.2	411.0	401.9	400.8	399.8	398.8	398.8	399.8	403.9	408.0	414.1
42.5°	383.6	380.5	372.4	364.2	362.2	360.2	358.1	362.2	370.3	377.4	380.5
45°	345.9	341.8	339.8	333.7	329.6	328.6	326.6	331.7	338.8	341.8	343.9
47.5°	311.3	310.3	304.2	305.2	302.2	303.2	302.2	305.2	305.2	308.3	310.3
50°	287.9	284.9	281.8	279.8	276.7	276.7	275.7	276.7	280.8	284.9	283.9
52.5°	264.5	259.4	258.4	257.4	255.4	257.4	254.3	255.4	259.4	261.5	260.5
55°	237.1	236.0	234.0	232.0	230.9	229.9	229.9	229.9	234.0	237.1	238.1
57.5°	215.7	210.6	206.5	206.5	202.5	201.4	203.5	204.5	207.5	209.6	211.6
60°	186.2	184.1	178.0	175.0	168.9	167.9	167.9	171.9	177.0	184.1	186.2
62.5°	154.6	151.6	150.6	150.6	150.6	150.6	150.6	150.6	150.6	151.6	151.6
65°	137.3	138.4	137.3	136.3	137.3	137.3	136.3	136.3	136.3	137.3	138.4
67.5°	123.1	122.1	123.1	122.1	121.1	121.1	120.1	121.1	122.1	123.1	123.1
70°	106.8	106.8	105.8	106.8	105.8	104.8	103.8	103.8	105.8	106.8	106.8
72.5°	91.6	91.6	90.5	90.5	88.5	88.5	89.5	88.5	88.5	91.6	91.6
75°	76.3	75.3	74.3	74.3	73.3	73.3	73.3	72.2	74.3	74.3	75.3
77.5°	60.0	60.0	60.0	59.0	59.0	58.0	58.0	59.0	59.0	59.0	60.0
80°	45.8	45.8	45.8	44.8	43.7	43.7	43.7	43.7	43.7	44.8	43.7
82.5°	31.5	31.5	31.5	31.5	31.5	30.5	30.5	30.5	31.5	31.5	30.5
85°	19.3	18.3	19.3	19.3	18.3	19.3	18.3	18.3	17.3	17.3	18.3
87.5°	8.1	7.1	6.1	6.1	7.1	6.1	6.1	6.1	7.1	6.1	6.1
90°	17.3	17.5	17.8	18.1	18.4	18.7	18.4	18.1	17.8	17.5	17.3
92.5°	18.0	18.1	18.2	18.4	18.5	18.7	18.5	18.4	18.2	18.1	18.0
95°	30.5	30.4	30.3	30.1	30.0	29.8	30.0	30.1	30.3	30.4	30.5
97.5°	37.4	37.5	37.6	37.8	37.9	38.1	37.9	37.8	37.6	37.5	37.4
100°	45.0	45.2	45.5	45.8	46.1	46.4	46.1	45.8	45.5	45.2	45.0
102.5°	48.5	48.7	49.2	49.7	50.1	50.6	50.1	49.7	49.2	48.7	48.5
105°	49.9	50.2	50.8	51.4	52.0	52.6	52.0	51.4	50.8	50.2	49.9
107.5°	51.3	51.6	52.2	52.8	53.4	54.0	53.4	52.8	52.2	51.6	51.3
110°	51.9	52.2	52.8	53.5	54.1	54.7	54.1	53.5	52.8	52.2	51.9

TEST NUMBER: P999987

CATALOG NUMBER: SA2XXRDIP-B675D725UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
112.5°	53.3	53.5	54.0	54.5	54.9	55.4	54.9	54.5	54.0	53.5	53.3
115°	106.7	101.2	90.1	79.0	67.9	56.8	67.9	79.0	90.1	101.2	106.7
117.5°	365.7	345.5	305.2	264.9	224.5	184.2	224.5	264.9	305.2	345.5	365.7
120°	516.0	505.6	484.8	464.1	443.3	422.5	443.3	464.1	484.8	505.6	516.0
122.5°	552.7	552.8	552.9	553.1	553.2	553.4	553.2	553.1	552.9	552.8	552.7
125°	590.1	590.3	590.8	591.3	591.7	592.2	591.7	591.3	590.8	590.3	590.1
127.5°	626.2	626.3	626.4	626.6	626.7	626.9	626.7	626.6	626.4	626.3	626.2
130°	659.4	659.3	659.2	659.0	658.9	658.7	658.9	659.0	659.2	659.3	659.4
132.5°	690.6	690.5	690.4	690.2	690.1	689.9	690.1	690.2	690.4	690.5	690.6
135°	721.1	720.9	720.6	720.3	720.0	719.7	720.0	720.3	720.6	720.9	721.1
137.5°	749.5	749.3	748.8	748.3	747.9	747.4	747.9	748.3	748.8	749.3	749.5
140°	776.5	776.1	775.3	774.6	773.8	773.0	773.8	774.6	775.3	776.1	776.5
142.5°	801.4	801.0	800.2	799.5	798.7	797.9	798.7	799.5	800.2	801.0	801.4
145°	824.3	823.9	823.1	822.4	821.6	820.8	821.6	822.4	823.1	823.9	824.3
147.5°	844.3	844.0	843.4	842.8	842.2	841.6	842.2	842.8	843.4	844.0	844.3
150°	863.7	863.3	862.6	861.8	861.1	860.3	861.1	861.8	862.6	863.3	863.7
152.5°	881.1	880.6	879.5	878.4	877.3	876.2	877.3	878.4	879.5	880.6	881.1
155°	896.3	895.7	894.5	893.2	892.0	890.8	892.0	893.2	894.5	895.7	896.3
157.5°	910.1	909.5	908.3	907.0	905.8	904.6	905.8	907.0	908.3	909.5	910.1
160°	921.2	920.7	919.6	918.5	917.5	916.4	917.5	918.5	919.6	920.7	921.2
162.5°	932.3	931.6	930.2	928.9	927.5	926.1	927.5	928.9	930.2	931.6	932.3
165°	940.6	940.1	939.0	937.9	936.9	935.8	936.9	937.9	939.0	940.1	940.6
167.5°	948.2	947.5	946.1	944.8	943.4	942.0	943.4	944.8	946.1	947.5	948.2
170°	953.8	953.1	951.7	950.4	949.0	947.6	949.0	950.4	951.7	953.1	953.8
172.5°	957.9	957.2	955.8	954.5	953.1	951.7	953.1	954.5	955.8	957.2	957.9
175°	960.7	959.9	958.4	956.9	955.3	953.8	955.3	956.9	958.4	959.9	960.7
177.5°	961.4	960.7	959.3	958.0	956.6	955.2	956.6	958.0	959.3	960.7	961.4
180°	957.2	957.2	957.2	957.2	957.2	957.2	957.2	957.2	957.2	957.2	957.2

TEST NUMBER: P999987

CATALOG NUMBER: SA2XXRDIP-B675D725UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
0°	1464.0	1464.0	1464.0	1464.0	1464.0	1464.0	1464.0	1464.0	1464.0	1464.0	1464.0
2.5°	1394.8	1399.9	1397.9	1386.7	1397.9	1400.9	1407.0	1413.1	1417.2	1423.3	1428.4
5°	1307.3	1317.5	1323.6	1317.5	1337.9	1340.9	1355.2	1363.3	1375.5	1385.7	1393.8
7.5°	1224.9	1233.1	1245.3	1247.3	1259.5	1273.8	1294.1	1314.5	1333.8	1344.0	1353.1
10°	1136.4	1150.7	1169.0	1164.9	1183.2	1205.6	1227.0	1259.5	1275.8	1294.1	1310.4
12.5°	1047.9	1057.1	1081.5	1089.6	1116.1	1133.4	1162.9	1183.2	1223.9	1245.3	1259.5
15°	893.3	930.9	961.4	998.1	1032.6	1065.2	1091.7	1128.3	1163.9	1180.2	1203.6
17.5°	823.1	840.4	858.7	877.0	921.7	979.7	1026.5	1066.2	1096.7	1118.1	1145.6
20°	749.8	767.1	787.5	804.8	832.2	873.9	931.9	1000.1	1036.7	1059.1	1085.5
22.5°	697.9	714.2	727.4	742.7	764.1	794.6	838.3	922.8	971.6	999.1	1022.5
25°	642.0	662.3	676.6	687.8	705.0	738.6	774.2	822.0	909.5	930.9	963.5
27.5°	603.3	609.4	625.7	643.0	660.3	678.6	715.2	755.9	814.9	861.7	901.4
30°	557.5	572.8	588.0	595.2	610.4	636.9	659.3	703.0	748.8	785.4	833.2
32.5°	522.9	532.1	542.3	559.6	573.8	592.1	614.5	651.1	689.8	713.2	749.8
35°	484.3	490.4	511.7	518.9	533.1	551.4	573.8	602.3	644.0	662.3	688.8
37.5°	447.6	461.9	468.0	484.3	497.5	515.8	532.1	564.6	592.1	613.5	637.9
40°	419.2	425.3	436.5	450.7	461.9	476.1	496.5	519.9	549.4	566.7	588.0
42.5°	384.6	389.7	403.9	412.0	430.4	443.6	455.8	484.3	510.7	524.0	545.3
45°	346.9	359.1	368.3	384.6	394.7	411.0	426.3	446.6	471.0	486.3	498.5
47.5°	314.4	326.6	335.7	351.0	367.3	374.4	390.7	412.0	434.4	446.6	463.9
50°	287.9	292.0	309.3	316.4	333.7	347.9	359.1	377.4	401.9	409.0	423.2
52.5°	262.5	265.5	276.7	285.9	301.1	313.4	327.6	344.9	365.2	376.4	387.6
55°	240.1	242.1	247.2	257.4	267.6	282.8	296.1	312.3	329.6	341.8	352.0
57.5°	214.7	218.7	222.8	228.9	239.1	253.3	267.6	282.8	297.1	305.2	318.4
60°	185.2	191.3	198.4	205.5	212.6	222.8	239.1	253.3	266.6	273.7	283.9
62.5°	153.6	165.8	171.9	180.1	186.2	195.3	207.5	223.8	233.0	242.1	250.3
65°	138.4	139.4	140.4	148.5	159.7	168.9	180.1	192.3	206.5	212.6	218.7
67.5°	123.1	124.1	126.2	127.2	131.2	141.4	153.6	166.9	178.0	182.1	188.2
70°	107.8	107.8	111.9	112.9	113.9	115.0	125.1	138.4	148.5	153.6	160.7
72.5°	91.6	92.6	94.6	95.6	97.7	99.7	102.8	109.9	122.1	127.2	135.3
75°	75.3	76.3	77.3	78.3	81.4	82.4	85.5	89.5	94.6	100.7	105.8
77.5°	60.0	60.0	61.0	63.1	65.1	66.1	69.2	71.2	73.3	76.3	80.4
80°	44.8	45.8	45.8	47.8	47.8	48.8	49.9	52.9	54.9	57.0	59.0
82.5°	30.5	32.6	32.6	32.6	33.6	34.6	35.6	35.6	37.6	38.7	41.7
85°	18.3	19.3	19.3	19.3	18.3	20.3	20.3	21.4	21.4	21.4	22.4
87.5°	7.1	6.1	7.1	7.1	7.1	8.1	7.1	7.1	8.1	9.2	9.2
90°	16.9	16.2	15.4	14.7	13.9	12.7	11.4	10.2	8.9	8.3	7.5
92.5°	17.8	17.5	17.2	16.9	16.6	16.1	15.7	15.2	14.7	14.5	14.8
95°	30.1	29.3	28.6	27.8	27.0	25.9	24.9	23.8	22.7	22.2	24.7
97.5°	37.2	36.7	36.2	35.8	35.3	32.8	30.4	27.9	25.4	24.2	30.5
100°	44.4	43.2	41.9	40.7	39.5	36.9	34.3	31.6	29.0	27.7	38.2
102.5°	47.7	46.0	44.3	42.6	40.9	68.9	96.9	124.9	152.9	166.9	167.1
105°	49.1	47.4	45.7	44.0	42.3	84.3	126.3	168.3	210.3	231.3	229.0
107.5°	50.4	48.7	47.0	45.3	43.6	95.5	147.4	199.3	251.2	277.1	275.2
110°	59.6	75.0	90.4	105.8	121.2	165.7	210.2	254.7	299.2	321.4	319.8

TEST NUMBER: P999987

CATALOG NUMBER: SA2XXRDIP-B675D725UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
112.5°	86.5	152.8	219.2	285.5	351.9	354.5	357.1	359.7	362.3	363.6	362.2
115°	142.3	213.6	284.9	356.1	427.4	423.6	419.7	415.9	412.0	410.1	408.8
117.5°	376.7	398.7	420.8	442.8	464.8	462.2	459.6	456.9	454.3	453.0	451.5
120°	515.1	513.2	511.4	509.5	507.7	504.9	502.1	499.4	496.6	495.2	494.1
122.5°	552.2	551.3	550.4	549.5	548.6	545.5	542.4	539.3	536.2	534.7	533.5
125°	589.6	588.5	587.4	586.4	585.3	582.4	579.4	576.5	573.6	572.1	571.1
127.5°	625.4	623.9	622.3	620.8	619.2	616.9	614.6	612.3	610.0	608.8	607.7
130°	658.6	656.9	655.2	653.5	651.8	650.1	648.4	646.7	645.0	644.2	643.0
132.5°	689.9	688.5	687.1	685.7	684.3	682.6	680.9	679.2	677.5	676.7	675.7
135°	720.3	718.8	717.2	715.7	714.1	712.7	711.3	710.0	708.6	707.9	706.7
137.5°	748.7	747.2	745.6	744.1	742.5	741.0	739.4	737.9	736.4	735.6	734.7
140°	775.8	774.4	773.0	771.6	770.2	768.5	766.8	765.1	763.4	762.6	762.0
142.5°	800.8	799.6	798.3	797.1	795.9	793.9	791.9	789.9	787.9	786.9	786.4
145°	823.8	822.7	821.6	820.5	819.4	816.8	814.2	811.5	808.9	807.6	807.7
147.5°	843.9	843.2	842.4	841.7	840.9	838.3	835.7	833.0	830.4	829.1	829.3
150°	863.2	862.3	861.4	860.5	859.6	857.1	854.7	852.2	849.7	848.5	849.0
152.5°	880.6	879.7	878.8	877.8	876.9	874.6	872.3	870.0	867.7	866.5	867.1
155°	895.8	894.9	894.0	893.0	892.1	890.3	888.4	886.6	884.7	883.8	884.5
157.5°	909.6	908.5	907.4	906.4	905.3	903.9	902.5	901.2	899.8	899.1	899.7
160°	920.7	919.8	918.9	918.0	917.1	916.2	915.2	914.3	913.4	912.9	913.4
162.5°	931.8	930.7	929.6	928.6	927.5	926.7	925.9	925.2	924.4	924.0	924.5
165°	940.1	939.0	937.9	936.9	935.8	935.3	934.9	934.4	933.9	933.7	934.2
167.5°	947.7	946.6	945.5	944.5	943.4	942.9	942.5	942.0	941.5	941.3	941.8
170°	953.3	952.2	951.1	950.0	948.9	948.6	948.3	948.0	947.7	947.6	948.1
172.5°	957.4	956.3	955.2	954.2	953.1	952.8	952.5	952.2	951.9	951.7	952.2
175°	960.2	959.1	958.0	957.0	955.9	955.6	955.3	955.0	954.7	954.5	955.0
177.5°	960.9	959.8	958.7	957.7	956.6	956.4	956.3	956.1	956.0	955.9	956.4
180°	957.2	957.2	957.2	957.2	957.2	957.2	957.2	957.2	957.2	957.2	957.2

TEST NUMBER: P999987

CATALOG NUMBER: SA2XXRDIP-B675D725UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
0°	1464.0	1464.0	1464.0	1464.0
2.5°	1437.6	1434.5	1452.8	1473.2
5°	1408.1	1413.1	1436.5	1465.0
7.5°	1377.5	1388.7	1416.2	1453.8
10°	1334.8	1355.2	1396.9	1435.5
12.5°	1293.1	1320.6	1360.2	1406.0
15°	1246.3	1276.8	1325.7	1380.6
17.5°	1194.4	1229.0	1286.0	1346.0
20°	1139.5	1185.3	1245.3	1310.4
22.5°	1078.4	1133.4	1195.4	1267.7
25°	1019.4	1079.4	1141.5	1224.9
27.5°	961.4	1020.4	1089.6	1174.1
30°	903.4	957.4	1031.6	1122.2
32.5°	841.4	897.3	975.7	1068.3
35°	784.4	840.4	913.6	1005.2
37.5°	723.4	783.4	853.6	948.2
40°	652.1	722.3	790.5	881.1
42.5°	593.1	667.4	733.5	819.0
45°	546.3	616.5	671.5	754.9
47.5°	502.6	559.6	615.5	692.8
50°	460.9	504.6	562.6	631.8
52.5°	418.1	455.8	505.6	570.8
55°	379.5	415.1	459.9	509.7
57.5°	343.9	369.3	414.1	458.8
60°	304.2	330.6	365.2	402.9
62.5°	270.6	291.0	323.5	355.1
65°	235.0	254.3	278.8	308.3
67.5°	202.5	219.8	239.1	262.5
70°	173.0	186.2	200.4	220.8
72.5°	141.4	155.7	168.9	185.2
75°	116.0	122.1	133.3	144.5
77.5°	89.5	97.7	103.8	112.9
80°	64.1	71.2	73.3	80.4
82.5°	42.7	46.8	50.9	52.9
85°	24.4	26.5	30.5	31.5
87.5°	9.2	10.2	12.2	14.2
90°	5.8	4.1	2.4	0.7
92.5°	15.4	16.1	16.7	17.3
95°	29.8	34.9	39.9	45.0
97.5°	43.1	55.8	68.4	81.0
100°	59.3	80.4	101.5	122.6
102.5°	167.4	167.7	168.0	168.3
105°	224.4	219.8	215.2	210.6
107.5°	271.3	267.4	263.6	259.7
110°	316.5	313.3	310.0	306.8

TEST NUMBER: P999987

CATALOG NUMBER: SA2XXRDIP-B675D725UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
112.5°	359.5	356.7	354.0	351.2
115°	406.2	403.5	400.9	398.3
117.5°	448.4	445.3	442.2	439.1
120°	491.8	489.5	487.2	484.9
122.5°	531.0	528.5	526.1	523.6
125°	569.1	567.1	565.1	563.1
127.5°	605.6	603.4	601.3	599.1
130°	640.5	638.0	635.6	633.1
132.5°	673.7	671.7	669.7	667.7
135°	704.2	701.7	699.3	696.8
137.5°	732.8	731.0	729.1	727.3
140°	760.8	759.5	758.3	757.1
142.5°	785.3	784.2	783.1	782.0
145°	807.8	808.0	808.1	808.3
147.5°	829.8	830.3	830.7	831.2
150°	850.1	851.2	852.2	853.3
152.5°	868.4	869.6	870.9	872.1
155°	885.9	887.3	888.7	890.1
157.5°	900.9	902.2	903.4	904.6
160°	914.3	915.2	916.2	917.1
162.5°	925.4	926.3	927.3	928.2
165°	935.1	936.0	937.0	937.9
167.5°	942.7	943.6	944.6	945.5
170°	949.0	949.9	950.8	951.7
172.5°	953.1	954.0	955.0	955.9
175°	956.1	957.2	958.2	959.3
177.5°	957.5	958.6	959.6	960.7
180°	957.2	957.2	957.2	957.2

(END OF REPORT)