

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: P999977

Luminaire Tested: SA2XXRDIP-B675D530UB50-4F0-XX-W2A-A4

Issue Date: 5/6/2025

Test Information

Test Method: LM-79-2019
Report Number: P999977
REPORT IS A COMBINATION OF REPORTS P988534 AND P1007351
Test Lab: INNOVATION CENTER
Issue Date: 5/6/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: NEO-RAY
Catalog Number: SA2XXRDIP-B675D530UB50-4F0-XX-W2A-A4
Description: Define 2 Regressed Direct/Indirect Pendant with 5000K BioUP LEDs {m-DER=1.015}
{m-EER=1.115}
Light Source: -
Ballast/Driver: -

Summary

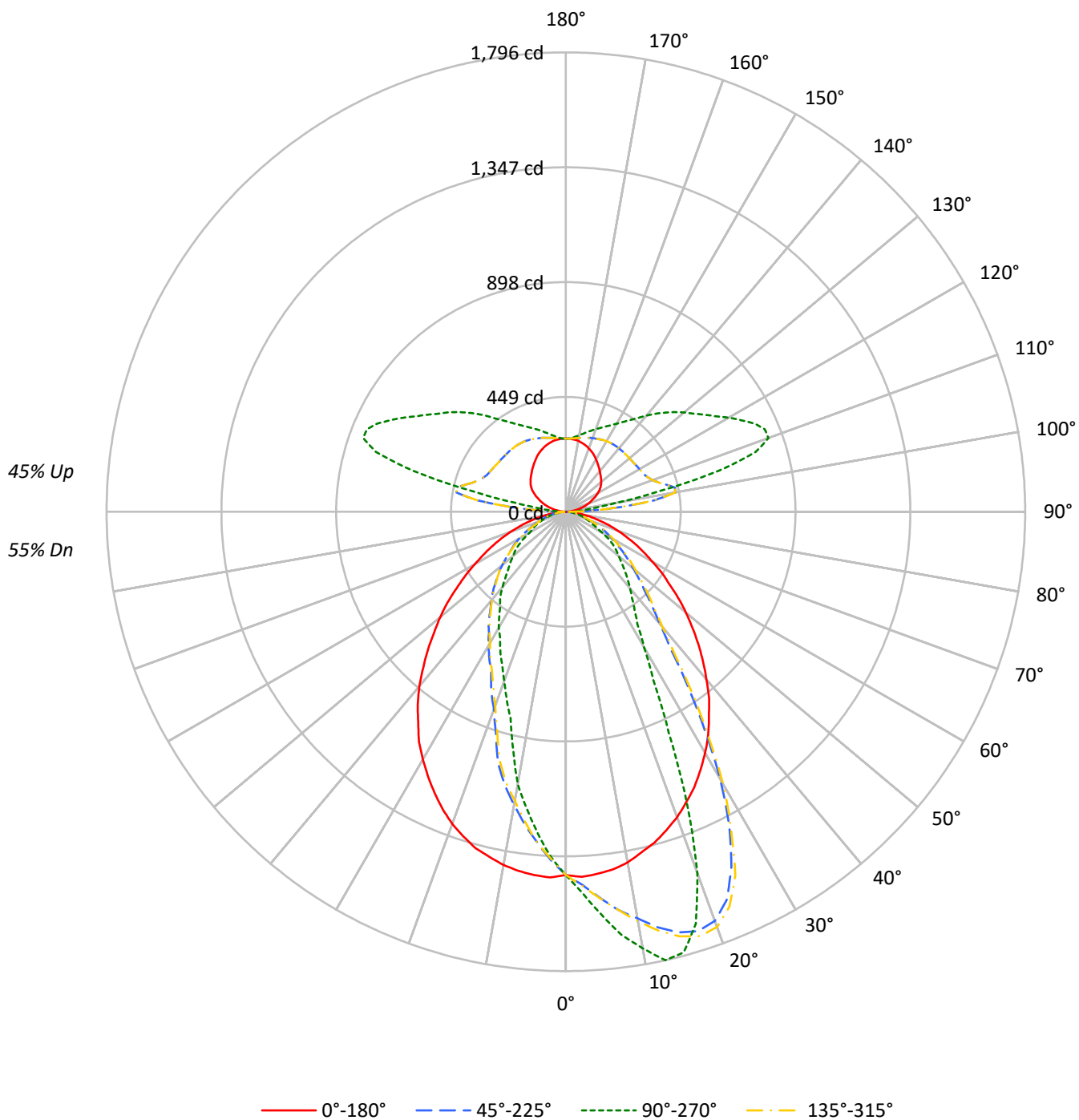
Lumens per Lamp: N/A
Luminaire Lumens: 4446.0 lumens
Efficiency: N/A
Efficacy: 86.7 lumens/watt
Spacing Criteria (0/90/45): 1.16 / 0.85 / 1.01
Luminous Opening: Rectangular w/ Sides (W: 0.17' x L: 4' x H: 0.1')
CIE Type: General Diffuse

Input Watts (W): 51.3
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					0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10
RCR																				
0	108	108	108	108	101	101	101	101	86	86	86	73	73	73	61	61	61			55
1	100	96	92	89	93	89	86	83	77	75	73	66	64	63	55	54	53			48
2	92	85	79	74	85	79	74	70	68	65	62	59	56	54	50	48	46			42
3	84	75	68	63	78	70	64	60	61	57	53	53	49	47	45	42	40			37
4	78	67	60	54	72	63	57	51	55	50	46	48	44	41	41	38	36			32
5	72	61	53	47	67	57	50	45	50	45	40	43	39	36	37	34	32			29
6	66	55	47	42	62	52	45	40	45	40	36	40	35	32	34	31	29			26
7	62	50	42	37	57	47	40	35	42	36	32	36	32	29	32	28	26			23
8	57	46	38	33	54	43	36	32	38	33	29	34	29	26	29	26	24			21
9	54	42	35	30	50	40	33	29	35	30	26	31	27	24	27	24	22			19
10	50	39	32	27	47	37	30	26	33	28	24	29	25	22	26	22	20			18

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	22478	22478	22478	22478
5°	22530	23875	22609	19073
10°	22282	25236	22441	15751
15°	21799	25244	22168	11832
20°	21217	20866	21680	9762
25°	20512	13039	20956	8305
30°	19613	8348	20146	7150
35°	18517	6415	19117	6118
40°	17296	5393	18035	5351
45°	15991	4591	16660	4492
50°	14654	3900	15338	3886
55°	13174	3390	13883	3345
60°	11859	2584	12487	2553
65°	10629	1944	11262	2206
70°	9272	1553	10000	1797
75°	7837	1191	8559	1361
80°	6227	809	6698	891
85°	4322	419	4746	440

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 165°

Vertical Angle: 45°

Luminance: 20563 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	134.7	3.0
10°-20°	376.0	8.5
20°-30°	483.9	10.9
30°-40°	459.0	10.3
40°-50°	393.4	8.8
50°-60°	299.6	6.7
60°-70°	188.9	4.2
70°-80°	94.3	2.1
80°-90°	26.1	0.6
90°-100°	111.4	2.5
100°-110°	392.3	8.8
110°-120°	412.0	9.3
120°-130°	339.0	7.6
130°-140°	272.3	6.1
140°-150°	205.7	4.6
150°-160°	144.6	3.3
160°-170°	85.1	1.9
170°-180°	27.7	0.6
0°-30°	994.5	22.4
0°-40°	1453.6	32.7
0°-60°	2146.6	48.3
0°-90°	2455.8	55.2
90°-120°	915.8	20.6
90°-150°	1732.7	39.0
90°-180°	1990.0	44.8
0°-180°	4446.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1420	1420	1420	1420	1420	
5°	1421	1580	1426	1262	1421	135
15°	1339	1783	1362	836	1339	377
25°	1188	951	1214	606	1188	546
35°	975	469	1007	447	975	610
45°	732	326	763	319	732	565
55°	494	226	521	223	494	446
65°	299	117	317	133	299	297
75°	140	62	153	71	140	152
85°	31	18	34	19	31	35
90°	0	18	0	18	0	3
95°	19	63	19	63	19	20
105°	67	619	67	619	67	71
115°	118	815	118	815	118	117
125°	165	661	165	661	165	147
135°	193	548	193	548	193	149
145°	221	438	221	438	221	139
155°	251	368	251	368	251	116
165°	274	323	274	323	274	77
175°	285	291	285	291	285	27
180°	286	286	286	286	286	

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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0
2.5°	1428.9	1434.8	1437.8	1441.7	1450.6	1456.5	1465.4	1467.4	1466.4	1470.4	1459.5
5°	1421.0	1433.9	1445.7	1455.6	1471.4	1481.2	1492.1	1504.9	1507.9	1522.7	1513.8
7.5°	1410.2	1428.9	1445.7	1465.4	1489.1	1501.9	1518.7	1538.5	1547.3	1565.1	1570.0
10°	1392.4	1419.1	1447.7	1468.4	1501.0	1523.7	1539.4	1571.0	1591.7	1618.4	1614.4
12.5°	1363.8	1398.3	1436.8	1471.4	1513.8	1528.6	1558.2	1590.8	1617.4	1642.1	1663.8
15°	1339.1	1378.6	1421.0	1463.5	1511.8	1539.4	1569.0	1611.5	1640.1	1683.5	1702.3
17.5°	1305.6	1355.9	1406.2	1453.6	1510.8	1542.4	1578.9	1620.4	1662.8	1704.2	1719.0
20°	1271.0	1325.3	1379.6	1443.7	1508.9	1539.4	1576.9	1628.3	1669.7	1702.3	1702.3
22.5°	1229.6	1295.7	1357.9	1419.1	1490.1	1534.5	1573.0	1633.2	1662.8	1669.7	1643.1
25°	1188.1	1254.3	1322.3	1398.3	1479.2	1518.7	1562.1	1618.4	1628.3	1600.6	1531.5
27.5°	1138.8	1212.8	1289.8	1371.7	1456.5	1505.9	1545.4	1582.9	1564.1	1490.1	1382.5
30°	1088.5	1168.4	1255.2	1333.2	1435.8	1481.2	1514.8	1525.6	1466.4	1346.0	1206.9
32.5°	1036.2	1114.1	1205.9	1299.6	1403.3	1446.7	1468.4	1439.8	1331.2	1179.3	1009.5
35°	975.0	1062.8	1158.5	1256.2	1358.9	1391.4	1404.2	1334.2	1195.0	998.7	829.9
37.5°	919.7	1007.5	1110.2	1209.8	1309.5	1327.3	1314.4	1204.9	1028.3	833.9	669.1
40°	854.6	948.3	1049.0	1160.5	1242.4	1247.3	1215.8	1073.7	854.6	672.0	570.4
42.5°	794.4	889.1	989.8	1103.3	1165.4	1148.7	1106.2	919.7	713.5	579.3	497.4
45°	732.2	822.0	930.6	1031.2	1075.6	1036.2	972.0	773.7	599.0	498.3	435.2
47.5°	672.0	755.9	863.5	960.2	968.1	923.7	847.7	648.3	519.1	438.1	386.8
50°	612.8	696.7	797.4	877.3	869.4	808.2	722.4	563.5	451.0	386.8	344.4
52.5°	553.6	629.6	727.3	790.4	756.9	697.7	612.8	477.6	393.7	337.5	304.9
55°	494.4	565.4	649.3	701.6	648.3	580.3	520.1	409.5	341.4	296.0	271.4
57.5°	445.1	501.3	578.3	609.9	545.7	492.4	440.1	352.3	296.0	263.5	234.9
60°	390.8	442.1	505.3	524.0	457.9	414.5	370.1	298.0	253.6	225.0	206.2
62.5°	344.4	386.8	435.2	435.2	377.0	344.4	310.8	249.7	213.2	190.5	181.6
65°	299.0	329.6	364.1	360.2	310.8	282.2	255.6	206.2	178.6	162.8	153.9
67.5°	254.6	278.3	301.0	287.2	251.6	227.0	202.3	166.8	148.0	137.2	125.3
70°	214.1	232.9	244.7	231.9	196.4	175.7	157.9	134.2	119.4	105.6	98.7
72.5°	179.6	187.5	191.4	175.7	146.0	134.2	121.4	104.6	91.8	84.9	82.9
75°	140.1	147.0	144.1	132.2	107.6	98.7	88.8	77.0	74.0	70.1	68.1
77.5°	109.5	109.5	104.6	93.7	77.0	70.1	66.1	60.2	57.2	56.2	54.3
80°	78.0	77.0	74.0	62.2	52.3	48.4	48.4	44.4	43.4	41.4	41.4
82.5°	51.3	51.3	47.4	37.5	34.5	33.6	32.6	30.6	30.6	29.6	29.6
85°	30.6	28.6	23.7	20.7	19.7	19.7	18.7	17.8	18.7	17.8	17.8
87.5°	13.8	10.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9
90°	0.5	2.2	4.4	5.5	6.6	7.4	8.2	11.0	14.8	18.1	18.7
92.5°	8.2	11.5	15.9	18.7	23.1	26.1	29.1	44.0	64.8	83.5	84.6
95°	19.2	21.4	26.9	31.9	40.7	47.3	53.9	79.1	127.0	190.7	215.4
97.5°	28.6	31.9	37.9	45.1	55.0	62.4	69.8	102.2	168.7	271.5	351.2
100°	42.3	44.0	48.9	57.7	68.7	76.4	84.1	113.2	180.3	299.0	434.2
102.5°	55.0	56.1	61.0	69.8	81.3	89.0	96.7	123.1	180.8	288.5	436.9
105°	67.0	69.2	73.1	81.3	93.4	101.1	108.8	134.6	183.6	274.2	407.2
107.5°	80.2	81.9	85.7	93.4	105.5	113.2	120.9	146.2	189.6	266.5	379.8
110°	93.4	95.6	98.9	106.1	117.6	125.6	133.5	157.7	197.3	264.3	361.1

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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	105.5	107.7	111.6	118.2	129.1	137.4	145.6	168.7	205.5	264.9	349.0
115°	118.2	120.9	124.2	130.8	141.8	149.2	156.6	180.3	213.8	267.1	340.7
117.5°	131.3	133.5	136.8	142.9	153.3	161.0	168.7	190.7	222.6	270.4	336.3
120°	143.4	145.6	148.9	153.9	164.9	172.6	180.3	201.7	231.4	273.7	332.5
122.5°	155.0	156.6	159.9	165.4	176.4	184.4	192.4	212.1	239.1	277.5	330.3
125°	164.9	166.5	169.8	176.4	187.4	195.1	202.8	222.6	247.3	281.4	327.5
127.5°	173.1	175.3	179.7	186.9	197.3	205.2	213.2	232.5	255.0	285.2	325.9
130°	180.3	182.5	188.0	195.6	206.6	214.3	222.0	241.3	262.1	289.6	324.8
132.5°	186.9	189.6	195.6	203.9	215.4	223.1	230.8	249.0	269.3	294.0	324.2
135°	193.4	195.6	202.2	210.5	223.1	230.8	238.5	256.1	275.3	297.3	323.7
137.5°	199.5	202.2	208.8	217.6	230.3	237.4	244.6	262.1	280.3	300.6	323.7
140°	206.6	208.8	215.4	224.2	236.3	243.4	250.6	267.1	284.1	302.8	323.1
142.5°	213.8	215.4	221.5	230.3	241.8	248.4	255.0	270.9	287.4	304.5	323.1
145°	220.9	223.1	228.6	236.9	247.9	253.9	259.9	274.8	290.2	305.6	322.0
147.5°	228.6	230.3	235.8	243.5	252.8	258.3	263.8	278.1	291.8	306.1	320.4
150°	236.3	238.0	242.4	249.5	257.7	262.6	267.6	280.3	292.9	305.6	318.8
152.5°	244.0	244.6	249.0	255.0	262.7	267.1	271.5	282.5	293.5	304.5	316.0
155°	251.2	251.7	255.0	261.0	267.1	271.2	275.3	284.7	294.0	303.4	312.7
157.5°	257.2	257.7	260.5	266.0	270.9	274.5	278.1	286.3	294.0	301.2	309.4
160°	263.2	263.8	266.0	270.4	274.8	277.8	280.8	287.4	294.0	299.5	306.1
162.5°	269.3	268.7	270.9	274.2	278.1	280.3	282.5	288.0	293.5	297.9	303.4
165°	273.7	273.1	274.2	277.5	280.3	282.0	283.6	288.5	292.4	295.7	299.5
167.5°	277.5	277.0	278.1	280.3	282.5	283.6	284.7	288.5	291.8	293.5	296.2
170°	281.4	280.3	280.8	282.5	283.6	284.4	285.2	288.0	290.7	291.8	293.5
172.5°	283.6	283.0	282.5	284.1	284.7	285.2	285.8	287.4	289.1	289.6	290.2
175°	285.2	284.7	284.1	285.2	285.2	285.5	285.8	286.9	288.0	287.4	288.0
177.5°	286.3	285.2	284.7	285.8	285.8	285.8	285.8	286.3	287.4	286.3	285.8
180°	285.8	285.8	285.8	285.8	285.8	285.8	285.8	285.8	285.8	285.8	285.8

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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0
2.5°	1470.4	1472.3	1475.3	1489.1	1491.1	1495.0	1493.1	1493.1	1494.0	1492.1	1493.1
5°	1533.5	1536.5	1551.3	1568.1	1572.0	1568.1	1573.0	1579.9	1579.9	1579.9	1577.9
7.5°	1592.7	1603.6	1620.4	1645.0	1650.0	1654.9	1663.8	1657.9	1659.8	1668.7	1665.8
10°	1650.0	1665.8	1684.5	1705.2	1716.1	1723.0	1726.9	1735.8	1756.5	1732.9	1741.7
12.5°	1704.2	1726.9	1746.7	1769.4	1777.3	1786.1	1789.1	1797.0	1797.0	1796.0	1802.9
15°	1739.8	1760.5	1778.3	1793.1	1795.0	1793.1	1791.1	1792.1	1795.0	1783.2	1790.1
17.5°	1747.7	1749.6	1755.6	1749.6	1750.6	1729.9	1718.1	1715.1	1687.5	1688.5	1711.1
20°	1709.2	1675.6	1666.7	1634.2	1614.4	1561.2	1559.2	1544.4	1486.2	1503.9	1500.0
22.5°	1603.6	1546.4	1470.4	1432.9	1414.1	1357.9	1314.4	1283.9	1263.1	1242.4	1233.5
25°	1464.4	1371.7	1264.1	1190.1	1179.3	1127.0	1047.0	1009.5	965.1	951.3	975.0
27.5°	1284.8	1164.4	1043.1	929.6	908.9	861.5	821.0	794.4	743.1	740.1	742.1
30°	1041.1	919.7	818.1	744.1	692.7	671.0	644.4	624.7	603.9	611.8	613.8
32.5°	855.6	740.1	645.4	605.9	582.2	568.4	545.7	532.9	524.0	521.0	520.1
35°	679.9	602.9	560.5	522.0	508.2	498.3	481.6	475.6	467.8	468.7	468.7
37.5°	582.2	518.1	486.5	466.8	453.9	449.0	438.1	432.2	427.3	425.3	428.3
40°	502.3	457.9	438.1	420.4	409.5	407.6	401.6	394.7	388.8	389.8	392.8
42.5°	444.1	418.4	394.7	380.9	373.0	370.1	365.1	360.2	360.2	357.2	356.2
45°	397.7	377.0	357.2	344.4	339.5	335.5	329.6	328.6	324.7	325.7	326.6
47.5°	356.2	339.5	324.7	311.8	306.9	305.9	300.0	296.0	296.0	295.1	294.1
50°	318.7	302.0	289.1	282.2	275.3	273.3	272.4	271.4	269.4	269.4	270.4
52.5°	288.2	271.4	261.5	255.6	251.6	249.7	249.7	248.7	248.7	248.7	247.7
55°	254.6	240.8	232.9	230.9	228.9	228.0	227.0	225.0	224.0	226.0	224.0
57.5°	223.0	218.1	211.2	209.2	204.3	204.3	201.3	199.3	197.4	199.3	199.3
60°	198.4	191.4	187.5	181.6	177.6	173.7	168.7	167.8	165.8	164.8	163.8
62.5°	172.7	166.8	156.9	148.0	142.1	138.2	136.2	135.2	135.2	134.2	134.2
65°	144.1	130.3	125.3	122.4	121.4	120.4	118.4	117.4	118.4	117.4	118.4
67.5°	112.5	110.5	107.6	105.6	104.6	103.6	103.6	102.6	102.6	102.6	102.6
70°	97.7	92.8	91.8	89.8	89.8	88.8	88.8	88.8	88.8	87.8	89.8
72.5°	80.9	78.0	77.0	76.0	76.0	76.0	75.0	75.0	75.0	74.0	75.0
75°	66.1	65.1	63.2	63.2	62.2	63.2	62.2	62.2	61.2	62.2	62.2
77.5°	53.3	52.3	51.3	51.3	50.3	50.3	50.3	50.3	50.3	50.3	51.3
80°	40.5	39.5	38.5	39.5	38.5	39.5	38.5	38.5	39.5	38.5	38.5
82.5°	29.6	28.6	28.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6
85°	17.8	16.8	16.8	17.8	16.8	17.8	16.8	16.8	16.8	17.8	17.8
87.5°	7.9	8.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	8.9
90°	18.1	17.6	16.5	17.6	17.8	18.1	18.1	18.1	18.1	18.1	18.1
92.5°	70.9	55.5	47.3	41.2	39.0	36.8	36.3	34.1	34.6	33.5	34.6
95°	188.5	144.0	110.5	87.4	81.4	75.3	68.1	63.8	62.1	62.7	62.1
97.5°	353.9	294.6	235.2	179.7	163.2	146.7	125.3	114.3	108.3	105.0	108.3
100°	513.3	501.8	433.6	358.3	325.0	291.8	246.2	222.6	206.6	196.7	206.6
102.5°	572.7	637.5	635.3	585.3	549.6	513.9	463.3	418.8	397.9	383.6	397.9
105°	553.4	667.7	729.8	737.0	727.9	718.8	684.8	650.7	627.1	619.4	627.1
107.5°	512.8	635.3	727.6	781.5	792.5	803.5	802.9	798.0	790.8	778.2	790.8
110°	474.8	590.8	689.2	759.5	782.0	804.6	828.2	838.6	843.6	843.0	843.6

TEST NUMBER: P999977

CATALOG NUMBER: SA2XXRDIP-B675D530UB50-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	448.5	550.1	643.5	719.9	746.6	773.2	808.4	827.7	838.1	841.9	838.1
115°	427.6	518.2	602.9	674.9	703.2	731.5	770.5	795.8	810.1	815.0	810.1
117.5°	413.3	491.9	567.7	634.8	661.7	688.6	728.7	755.7	770.5	774.3	770.5
120°	402.3	473.2	541.3	599.6	624.6	649.6	688.1	713.9	729.8	735.3	729.8
122.5°	392.9	458.3	519.3	573.8	595.8	617.7	651.2	676.5	690.3	694.7	690.3
125°	384.2	444.1	500.7	549.0	569.6	590.2	622.1	643.0	656.7	661.1	656.7
127.5°	375.9	429.8	482.0	528.1	547.4	566.6	594.6	614.4	626.5	629.8	626.5
130°	367.7	416.0	463.3	506.7	524.8	543.0	569.9	588.6	599.6	604.0	599.6
132.5°	361.1	402.8	445.7	484.7	501.4	518.2	544.6	563.3	573.2	577.1	573.2
135°	355.0	390.7	427.0	463.3	478.7	494.1	517.7	535.8	545.7	547.9	545.7
137.5°	350.6	380.9	412.2	441.9	455.6	469.3	491.9	507.8	516.6	519.9	516.6
140°	346.8	371.5	397.9	423.2	435.3	447.4	464.9	479.2	487.5	490.8	487.5
142.5°	342.9	363.8	385.3	406.1	415.8	425.4	441.9	454.5	461.6	461.6	461.6
145°	339.6	356.7	374.8	391.8	399.8	407.8	421.0	430.3	435.8	437.5	435.8
147.5°	336.3	351.2	366.0	379.8	385.8	391.8	403.4	411.1	414.9	416.0	414.9
150°	331.9	345.1	357.2	368.8	373.8	378.7	386.9	393.5	396.8	397.3	396.8
152.5°	328.1	339.1	350.1	359.4	363.5	367.7	373.7	379.2	381.4	381.4	381.4
155°	323.1	333.6	342.4	350.6	353.6	356.7	362.7	366.6	368.8	367.7	368.8
157.5°	318.8	327.0	334.7	341.8	344.3	346.8	351.2	354.5	355.6	355.6	355.6
160°	313.8	321.0	327.0	333.0	335.0	336.9	340.7	343.5	344.0	344.0	344.0
162.5°	309.4	314.9	319.9	324.8	326.2	327.5	331.4	333.0	333.6	333.0	333.6
165°	304.5	308.9	312.7	316.6	317.7	318.8	321.0	323.1	323.1	322.6	323.1
167.5°	299.5	302.8	306.1	308.9	310.0	311.1	312.2	313.3	313.3	312.7	313.3
170°	295.7	298.4	300.1	302.3	302.8	303.4	303.9	305.6	305.0	303.9	305.0
172.5°	291.8	293.5	294.6	296.2	296.5	296.8	297.3	297.9	297.3	296.8	297.3
175°	288.5	290.2	290.7	291.3	291.6	291.8	291.8	292.4	291.8	290.7	291.8
177.5°	286.3	287.4	287.4	288.0	288.0	288.0	288.0	288.0	287.4	286.3	287.4
180°	285.8	285.8	285.8	285.8	285.8	285.8	285.8	285.8	285.8	285.8	285.8

TEST NUMBER: P999977

CATALOG NUMBER: SA2XXRDIP-B675D530UB50-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0
2.5°	1497.0	1490.1	1488.1	1490.1	1488.1	1489.1	1482.2	1456.5	1463.5	1452.6	1458.5
5°	1581.9	1576.0	1563.1	1561.2	1559.2	1557.2	1547.3	1524.6	1515.8	1501.0	1500.0
7.5°	1662.8	1662.8	1652.9	1646.0	1637.1	1630.2	1617.4	1583.8	1570.0	1552.3	1542.4
10°	1742.7	1717.1	1727.9	1721.0	1699.3	1695.4	1671.7	1651.9	1625.3	1607.5	1591.7
12.5°	1800.0	1792.1	1782.2	1776.3	1770.4	1757.5	1741.7	1691.4	1677.6	1642.1	1624.3
15°	1798.0	1793.1	1796.0	1796.0	1794.0	1791.1	1778.3	1741.7	1718.1	1683.5	1652.9
17.5°	1701.3	1714.1	1726.9	1735.8	1755.6	1764.4	1776.3	1754.6	1739.8	1710.2	1677.6
20°	1532.5	1564.1	1601.6	1609.5	1627.3	1679.6	1703.3	1722.0	1727.9	1718.1	1691.4
22.5°	1297.7	1324.3	1415.1	1413.1	1438.8	1501.0	1570.0	1626.3	1670.7	1695.4	1685.5
25°	1016.4	1053.9	1102.3	1138.8	1222.7	1315.4	1401.3	1491.1	1568.1	1636.2	1652.9
27.5°	768.7	818.1	856.6	904.9	947.3	1056.9	1167.4	1307.5	1397.3	1526.6	1593.7
30°	621.7	644.4	682.9	705.6	726.3	810.2	935.5	1073.7	1231.6	1380.6	1496.0
32.5°	530.9	546.7	575.3	585.2	606.9	663.1	742.1	868.4	1031.2	1211.8	1363.8
35°	476.6	493.4	499.3	508.2	526.0	561.5	615.8	707.6	854.6	1031.2	1212.8
37.5°	430.3	439.1	455.9	461.8	467.8	494.4	530.9	595.1	692.7	837.8	1039.1
40°	397.7	402.6	411.5	416.4	420.4	439.1	471.7	515.1	587.2	697.7	883.2
42.5°	363.2	369.1	375.0	380.9	385.8	400.6	420.4	461.8	510.2	594.1	728.3
45°	329.6	333.5	340.5	344.4	351.3	363.2	380.9	409.5	453.0	506.2	614.8
47.5°	299.0	303.9	306.9	311.8	316.8	329.6	346.4	365.1	400.6	453.0	531.9
50°	271.4	277.3	281.2	282.2	286.2	298.0	311.8	332.6	355.3	395.7	464.8
52.5°	251.6	252.6	255.6	259.5	258.5	265.5	278.3	294.1	317.8	350.3	400.6
55°	228.9	231.9	233.9	234.9	234.9	240.8	247.7	262.5	281.2	307.9	350.3
57.5°	200.3	203.3	209.2	211.2	214.1	217.1	220.1	229.9	245.7	271.4	305.9
60°	170.7	172.7	178.6	182.6	184.5	192.4	196.4	204.3	213.2	231.9	264.5
62.5°	137.2	139.1	142.1	146.0	150.0	161.8	171.7	179.6	186.5	199.3	226.0
65°	119.4	120.4	122.4	123.4	124.3	129.3	138.2	149.0	161.8	171.7	187.5
67.5°	103.6	104.6	105.6	107.6	108.6	109.5	113.5	116.4	129.3	143.1	154.9
70°	88.8	90.8	91.8	91.8	92.8	94.7	96.7	100.7	104.6	111.5	126.3
72.5°	75.0	76.0	78.0	78.0	78.0	79.9	81.9	83.9	85.9	89.8	95.7
75°	62.2	64.1	64.1	64.1	65.1	65.1	67.1	69.1	71.1	74.0	76.0
77.5°	51.3	51.3	51.3	51.3	52.3	52.3	53.3	55.3	56.2	57.2	59.2
80°	38.5	39.5	39.5	39.5	40.5	40.5	40.5	42.4	43.4	43.4	45.4
82.5°	28.6	28.6	28.6	29.6	28.6	29.6	29.6	30.6	29.6	30.6	31.6
85°	17.8	17.8	17.8	18.7	18.7	18.7	18.7	18.7	18.7	18.7	19.7
87.5°	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	9.9	8.9	8.9
90°	18.1	18.1	18.1	17.8	17.6	16.5	17.6	18.1	18.7	18.1	14.8
92.5°	34.1	36.3	36.8	39.0	41.2	47.3	55.5	70.9	84.6	83.5	64.8
95°	63.8	68.1	75.3	81.4	87.4	110.5	144.0	188.5	215.4	190.7	127.0
97.5°	114.3	125.3	146.7	163.2	179.7	235.2	294.6	353.9	351.2	271.5	168.7
100°	222.6	246.2	291.8	325.0	358.3	433.6	501.8	513.3	434.2	299.0	180.3
102.5°	418.8	463.3	513.9	549.6	585.3	635.3	637.5	572.7	436.9	288.5	180.8
105°	650.7	684.8	718.8	727.9	737.0	729.8	667.7	553.4	407.2	274.2	183.6
107.5°	798.0	802.9	803.5	792.5	781.5	727.6	635.3	512.8	379.8	266.5	189.6
110°	838.6	828.2	804.6	782.0	759.5	689.2	590.8	474.8	361.1	264.3	197.3

TEST NUMBER: P999977

CATALOG NUMBER: SA2XXRDIP-B675D530UB50-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	827.7	808.4	773.2	746.6	719.9	643.5	550.1	448.5	349.0	264.9	205.5
115°	795.8	770.5	731.5	703.2	674.9	602.9	518.2	427.6	340.7	267.1	213.8
117.5°	755.7	728.7	688.6	661.7	634.8	567.7	491.9	413.3	336.3	270.4	222.6
120°	713.9	688.1	649.6	624.6	599.6	541.3	473.2	402.3	332.5	273.7	231.4
122.5°	676.5	651.2	617.7	595.8	573.8	519.3	458.3	392.9	330.3	277.5	239.1
125°	643.0	622.1	590.2	569.6	549.0	500.7	444.1	384.2	327.5	281.4	247.3
127.5°	614.4	594.6	566.6	547.4	528.1	482.0	429.8	375.9	325.9	285.2	255.0
130°	588.6	569.9	543.0	524.8	506.7	463.3	416.0	367.7	324.8	289.6	262.1
132.5°	563.3	544.6	518.2	501.4	484.7	445.7	402.8	361.1	324.2	294.0	269.3
135°	535.8	517.7	494.1	478.7	463.3	427.0	390.7	355.0	323.7	297.3	275.3
137.5°	507.8	491.9	469.3	455.6	441.9	412.2	380.9	350.6	323.7	300.6	280.3
140°	479.2	464.9	447.4	435.3	423.2	397.9	371.5	346.8	323.1	302.8	284.1
142.5°	454.5	441.9	425.4	415.8	406.1	385.3	363.8	342.9	323.1	304.5	287.4
145°	430.3	421.0	407.8	399.8	391.8	374.8	356.7	339.6	322.0	305.6	290.2
147.5°	411.1	403.4	391.8	385.8	379.8	366.0	351.2	336.3	320.4	306.1	291.8
150°	393.5	386.9	378.7	373.8	368.8	357.2	345.1	331.9	318.8	305.6	292.9
152.5°	379.2	373.7	367.7	363.5	359.4	350.1	339.1	328.1	316.0	304.5	293.5
155°	366.6	362.7	356.7	353.6	350.6	342.4	333.6	323.1	312.7	303.4	294.0
157.5°	354.5	351.2	346.8	344.3	341.8	334.7	327.0	318.8	309.4	301.2	294.0
160°	343.5	340.7	336.9	335.0	333.0	327.0	321.0	313.8	306.1	299.5	294.0
162.5°	333.0	331.4	327.5	326.2	324.8	319.9	314.9	309.4	303.4	297.9	293.5
165°	323.1	321.0	318.8	317.7	316.6	312.7	308.9	304.5	299.5	295.7	292.4
167.5°	313.3	312.2	311.1	310.0	308.9	306.1	302.8	299.5	296.2	293.5	291.8
170°	305.6	303.9	303.4	302.8	302.3	300.1	298.4	295.7	293.5	291.8	290.7
172.5°	297.9	297.3	296.8	296.5	296.2	294.6	293.5	291.8	290.2	289.6	289.1
175°	292.4	291.8	291.8	291.6	291.3	290.7	290.2	288.5	288.0	287.4	288.0
177.5°	288.0	288.0	288.0	288.0	288.0	287.4	287.4	286.3	285.8	286.3	287.4
180°	285.8	285.8	285.8	285.8	285.8	285.8	285.8	285.8	285.8	285.8	285.8

TEST NUMBER: P999977

CATALOG NUMBER: SA2XXRDIP-B675D530UB50-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
0°	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0
2.5°	1449.6	1444.7	1444.7	1441.7	1441.7	1426.0	1426.0	1430.9	1425.0	1418.1	1408.2
5°	1487.1	1476.3	1473.3	1469.4	1456.5	1436.8	1428.9	1426.0	1414.1	1399.3	1382.5
7.5°	1522.7	1504.9	1496.0	1487.1	1470.4	1442.7	1426.9	1416.1	1398.3	1375.6	1353.9
10°	1557.2	1534.5	1511.8	1501.0	1477.3	1442.7	1420.0	1402.3	1376.6	1346.0	1315.4
12.5°	1588.8	1541.4	1537.5	1515.8	1481.2	1441.7	1407.2	1381.6	1349.0	1313.5	1277.9
15°	1616.4	1568.1	1544.4	1524.6	1479.2	1429.9	1393.4	1361.8	1318.4	1277.9	1234.5
17.5°	1630.2	1577.9	1562.1	1529.6	1483.2	1419.1	1369.7	1331.2	1283.9	1235.5	1186.2
20°	1644.0	1582.9	1557.2	1534.5	1471.4	1398.3	1343.1	1298.7	1246.4	1189.1	1134.8
22.5°	1651.0	1582.9	1552.3	1520.7	1459.5	1375.6	1310.5	1258.2	1197.0	1138.8	1073.7
25°	1639.1	1576.9	1540.4	1507.9	1438.8	1348.0	1273.0	1213.8	1148.7	1082.5	1016.4
27.5°	1609.5	1563.1	1520.7	1487.1	1410.2	1312.5	1233.5	1166.4	1099.3	1025.3	958.2
30°	1554.2	1533.5	1500.0	1462.5	1378.6	1280.9	1187.1	1118.1	1044.1	970.0	900.0
32.5°	1468.4	1486.2	1464.4	1431.9	1341.1	1237.5	1137.8	1067.7	986.8	906.9	842.7
35°	1363.8	1426.9	1415.1	1392.4	1301.6	1191.1	1091.4	1006.6	925.6	844.7	780.6
37.5°	1249.3	1345.0	1354.9	1341.1	1256.2	1143.7	1034.2	951.3	868.4	786.5	721.4
40°	1092.4	1239.4	1271.0	1276.9	1208.9	1086.5	972.0	891.1	809.2	729.3	650.3
42.5°	948.3	1133.9	1173.3	1198.0	1148.7	1030.2	914.8	825.0	744.1	672.0	593.1
45°	813.1	1006.6	1070.7	1102.3	1080.6	966.1	846.7	762.8	688.8	622.7	546.7
47.5°	674.0	868.4	958.2	1008.5	1008.5	901.0	781.6	698.7	627.6	571.4	504.3
50°	581.2	743.1	835.8	902.0	919.7	834.9	722.4	641.4	574.3	513.1	461.8
52.5°	495.4	640.4	717.4	786.5	837.8	763.8	656.2	583.2	517.1	459.9	419.4
55°	428.3	536.8	606.9	682.9	740.1	691.8	592.1	521.0	463.8	416.4	381.9
57.5°	364.1	458.9	516.1	583.2	644.4	607.9	527.9	466.8	416.4	375.0	344.4
60°	309.9	386.8	431.2	483.5	559.5	533.9	467.8	411.5	371.0	333.5	307.9
62.5°	263.5	324.7	362.2	399.7	468.7	456.9	405.6	362.2	327.6	296.0	274.3
65°	216.1	266.4	296.0	328.6	383.9	388.8	347.4	316.8	285.2	257.6	237.8
67.5°	174.7	214.1	240.8	268.4	312.8	326.6	298.0	272.4	245.7	223.0	205.3
70°	141.1	168.7	188.5	210.2	246.7	263.5	248.7	230.9	209.2	190.5	174.7
72.5°	111.5	129.3	141.1	157.9	187.5	204.3	203.3	187.5	171.7	158.9	146.0
75°	81.9	95.7	105.6	116.4	140.1	155.9	159.9	153.0	137.2	127.3	117.4
77.5°	62.2	70.1	75.0	82.9	99.7	113.5	119.4	117.4	106.6	98.7	91.8
80°	47.4	49.3	51.3	54.3	68.1	80.9	84.9	83.9	78.0	75.0	67.1
82.5°	33.6	34.5	35.5	36.5	41.4	52.3	56.2	58.2	53.3	50.3	43.4
85°	19.7	20.7	20.7	22.7	23.7	26.6	33.6	33.6	32.6	28.6	27.6
87.5°	9.9	9.9	8.9	8.9	9.9	10.9	12.8	14.8	12.8	11.8	10.9
90°	11.0	8.2	7.4	6.6	5.5	4.4	2.2	0.5	2.2	4.4	5.5
92.5°	44.0	29.1	26.1	23.1	18.7	15.9	11.5	8.2	11.5	15.9	18.7
95°	79.1	53.9	47.3	40.7	31.9	26.9	21.4	19.2	21.4	26.9	31.9
97.5°	102.2	69.8	62.4	55.0	45.1	37.9	31.9	28.6	31.9	37.9	45.1
100°	113.2	84.1	76.4	68.7	57.7	48.9	44.0	42.3	44.0	48.9	57.7
102.5°	123.1	96.7	89.0	81.3	69.8	61.0	56.1	55.0	56.1	61.0	69.8
105°	134.6	108.8	101.1	93.4	81.3	73.1	69.2	67.0	69.2	73.1	81.3
107.5°	146.2	120.9	113.2	105.5	93.4	85.7	81.9	80.2	81.9	85.7	93.4
110°	157.7	133.5	125.6	117.6	106.1	98.9	95.6	93.4	95.6	98.9	106.1

TEST NUMBER: P999977

CATALOG NUMBER: SA2XXRDIP-B675D530UB50-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
112.5°	168.7	145.6	137.4	129.1	118.2	111.6	107.7	105.5	107.7	111.6	118.2
115°	180.3	156.6	149.2	141.8	130.8	124.2	120.9	118.2	120.9	124.2	130.8
117.5°	190.7	168.7	161.0	153.3	142.9	136.8	133.5	131.3	133.5	136.8	142.9
120°	201.7	180.3	172.6	164.9	153.9	148.9	145.6	143.4	145.6	148.9	153.9
122.5°	212.1	192.4	184.4	176.4	165.4	159.9	156.6	155.0	156.6	159.9	165.4
125°	222.6	202.8	195.1	187.4	176.4	169.8	166.5	164.9	166.5	169.8	176.4
127.5°	232.5	213.2	205.2	197.3	186.9	179.7	175.3	173.1	175.3	179.7	186.9
130°	241.3	222.0	214.3	206.6	195.6	188.0	182.5	180.3	182.5	188.0	195.6
132.5°	249.0	230.8	223.1	215.4	203.9	195.6	189.6	186.9	189.6	195.6	203.9
135°	256.1	238.5	230.8	223.1	210.5	202.2	195.6	193.4	195.6	202.2	210.5
137.5°	262.1	244.6	237.4	230.3	217.6	208.8	202.2	199.5	202.2	208.8	217.6
140°	267.1	250.6	243.4	236.3	224.2	215.4	208.8	206.6	208.8	215.4	224.2
142.5°	270.9	255.0	248.4	241.8	230.3	221.5	215.4	213.8	215.4	221.5	230.3
145°	274.8	259.9	253.9	247.9	236.9	228.6	223.1	220.9	223.1	228.6	236.9
147.5°	278.1	263.8	258.3	252.8	243.5	235.8	230.3	228.6	230.3	235.8	243.5
150°	280.3	267.6	262.6	257.7	249.5	242.4	238.0	236.3	238.0	242.4	249.5
152.5°	282.5	271.5	267.1	262.7	255.0	249.0	244.6	244.0	244.6	249.0	255.0
155°	284.7	275.3	271.2	267.1	261.0	255.0	251.7	251.2	251.7	255.0	261.0
157.5°	286.3	278.1	274.5	270.9	266.0	260.5	257.7	257.2	257.7	260.5	266.0
160°	287.4	280.8	277.8	274.8	270.4	266.0	263.8	263.2	263.8	266.0	270.4
162.5°	288.0	282.5	280.3	278.1	274.2	270.9	268.7	269.3	268.7	270.9	274.2
165°	288.5	283.6	282.0	280.3	277.5	274.2	273.1	273.7	273.1	274.2	277.5
167.5°	288.5	284.7	283.6	282.5	280.3	278.1	277.0	277.5	277.0	278.1	280.3
170°	288.0	285.2	284.4	283.6	282.5	280.8	280.3	281.4	280.3	280.8	282.5
172.5°	287.4	285.8	285.2	284.7	284.1	282.5	283.0	283.6	283.0	282.5	284.1
175°	286.9	285.8	285.5	285.2	285.2	284.1	284.7	285.2	284.7	284.1	285.2
177.5°	286.3	285.8	285.8	285.8	285.8	284.7	285.2	286.3	285.2	284.7	285.8
180°	285.8	285.8	285.8	285.8	285.8	285.8	285.8	285.8	285.8	285.8	285.8

TEST NUMBER: P999977

CATALOG NUMBER: SA2XXRDIP-B675D530UB50-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
0°	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0
2.5°	1404.2	1405.2	1408.2	1399.3	1385.5	1379.6	1361.8	1358.9	1355.9	1355.9	1358.9
5°	1372.7	1368.7	1369.7	1352.9	1333.2	1321.4	1296.7	1300.6	1287.8	1279.9	1281.9
7.5°	1338.1	1327.3	1326.3	1304.6	1279.9	1258.2	1232.5	1226.6	1214.8	1201.0	1195.0
10°	1294.7	1286.8	1272.0	1247.3	1215.8	1198.0	1163.5	1142.7	1139.8	1119.1	1111.2
12.5°	1250.3	1236.5	1221.7	1187.1	1151.6	1123.0	1097.3	1074.6	1058.9	1041.1	1029.3
15°	1199.0	1182.2	1165.4	1128.9	1087.5	1058.9	1020.4	986.8	940.4	903.9	883.2
17.5°	1142.7	1124.0	1101.3	1060.8	1020.4	980.9	909.8	870.4	837.8	816.1	803.3
20°	1084.5	1063.8	1041.1	1000.6	930.6	861.5	822.0	791.4	771.7	750.0	734.2
22.5°	1023.3	1001.6	977.0	913.8	839.8	791.4	760.8	732.2	703.6	691.8	683.9
25°	966.1	946.4	914.8	828.9	770.7	726.3	691.8	673.0	658.2	642.4	627.6
27.5°	906.9	870.4	826.0	753.9	717.4	672.0	647.4	633.5	607.9	597.0	590.1
30°	835.8	795.4	752.9	701.6	659.2	627.6	604.9	582.2	567.4	556.6	544.7
32.5°	763.8	725.3	698.7	645.4	613.8	581.2	559.5	545.7	524.0	517.1	512.2
35°	701.6	669.1	645.4	602.0	572.4	542.8	527.0	506.2	492.4	479.6	471.7
37.5°	640.4	622.7	598.0	561.5	529.9	506.2	484.5	477.6	458.9	452.0	444.1
40°	598.0	571.4	550.6	519.1	492.4	466.8	453.0	437.2	424.3	413.5	410.5
42.5°	546.7	527.0	515.1	480.6	453.0	438.1	421.4	403.6	393.7	384.9	374.0
45°	508.2	490.5	473.7	446.0	421.4	402.6	387.8	376.0	359.2	355.3	338.5
47.5°	467.8	450.0	437.2	409.5	386.8	369.1	358.2	342.4	328.6	319.7	311.8
50°	427.3	412.5	400.6	377.0	357.2	338.5	323.7	307.9	302.0	287.2	282.2
52.5°	388.8	378.9	366.1	343.4	323.7	307.9	292.1	279.3	270.4	262.5	256.6
55°	356.2	340.5	334.5	309.9	293.1	276.3	262.5	254.6	243.7	238.8	233.9
57.5°	319.7	310.8	301.0	282.2	263.5	247.7	237.8	226.0	220.1	214.1	210.2
60°	288.2	275.3	267.4	251.6	234.9	220.1	211.2	202.3	194.4	189.5	181.6
62.5°	251.6	241.8	236.8	220.1	206.2	192.4	184.5	175.7	169.7	160.9	151.0
65°	220.1	212.2	206.2	192.4	179.6	166.8	158.9	148.0	140.1	135.2	134.2
67.5°	192.4	186.5	177.6	164.8	152.0	142.1	133.2	124.3	123.4	121.4	121.4
70°	161.8	155.9	151.0	137.2	126.3	115.5	113.5	110.5	107.6	106.6	104.6
72.5°	135.2	130.3	124.3	112.5	101.6	98.7	96.7	94.7	91.8	90.8	89.8
75°	109.5	102.6	98.7	87.8	84.9	82.9	80.9	78.0	76.0	75.0	73.0
77.5°	83.9	77.0	77.0	71.1	69.1	66.1	64.1	62.2	61.2	59.2	59.2
80°	59.2	59.2	57.2	54.3	51.3	50.3	47.4	46.4	45.4	46.4	44.4
82.5°	43.4	39.5	39.5	37.5	35.5	34.5	32.6	32.6	31.6	31.6	31.6
85°	24.7	24.7	23.7	21.7	20.7	20.7	19.7	19.7	18.7	18.7	17.8
87.5°	9.9	8.9	9.9	8.9	8.9	7.9	7.9	7.9	6.9	7.9	6.9
90°	6.6	7.4	8.2	11.0	14.8	18.1	18.7	18.1	17.6	16.5	17.6
92.5°	23.1	26.1	29.1	44.0	64.8	83.5	84.6	70.9	55.5	47.3	41.2
95°	40.7	47.3	53.9	79.1	127.0	190.7	215.4	188.5	144.0	110.5	87.4
97.5°	55.0	62.4	69.8	102.2	168.7	271.5	351.2	353.9	294.6	235.2	179.7
100°	68.7	76.4	84.1	113.2	180.3	299.0	434.2	513.3	501.8	433.6	358.3
102.5°	81.3	89.0	96.7	123.1	180.8	288.5	436.9	572.7	637.5	635.3	585.3
105°	93.4	101.1	108.8	134.6	183.6	274.2	407.2	553.4	667.7	729.8	737.0
107.5°	105.5	113.2	120.9	146.2	189.6	266.5	379.8	512.8	635.3	727.6	781.5
110°	117.6	125.6	133.5	157.7	197.3	264.3	361.1	474.8	590.8	689.2	759.5

TEST NUMBER: P999977

CATALOG NUMBER: SA2XXRDIP-B675D530UB50-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
112.5°	129.1	137.4	145.6	168.7	205.5	264.9	349.0	448.5	550.1	643.5	719.9
115°	141.8	149.2	156.6	180.3	213.8	267.1	340.7	427.6	518.2	602.9	674.9
117.5°	153.3	161.0	168.7	190.7	222.6	270.4	336.3	413.3	491.9	567.7	634.8
120°	164.9	172.6	180.3	201.7	231.4	273.7	332.5	402.3	473.2	541.3	599.6
122.5°	176.4	184.4	192.4	212.1	239.1	277.5	330.3	392.9	458.3	519.3	573.8
125°	187.4	195.1	202.8	222.6	247.3	281.4	327.5	384.2	444.1	500.7	549.0
127.5°	197.3	205.2	213.2	232.5	255.0	285.2	325.9	375.9	429.8	482.0	528.1
130°	206.6	214.3	222.0	241.3	262.1	289.6	324.8	367.7	416.0	463.3	506.7
132.5°	215.4	223.1	230.8	249.0	269.3	294.0	324.2	361.1	402.8	445.7	484.7
135°	223.1	230.8	238.5	256.1	275.3	297.3	323.7	355.0	390.7	427.0	463.3
137.5°	230.3	237.4	244.6	262.1	280.3	300.6	323.7	350.6	380.9	412.2	441.9
140°	236.3	243.4	250.6	267.1	284.1	302.8	323.1	346.8	371.5	397.9	423.2
142.5°	241.8	248.4	255.0	270.9	287.4	304.5	323.1	342.9	363.8	385.3	406.1
145°	247.9	253.9	259.9	274.8	290.2	305.6	322.0	339.6	356.7	374.8	391.8
147.5°	252.8	258.3	263.8	278.1	291.8	306.1	320.4	336.3	351.2	366.0	379.8
150°	257.7	262.6	267.6	280.3	292.9	305.6	318.8	331.9	345.1	357.2	368.8
152.5°	262.7	267.1	271.5	282.5	293.5	304.5	316.0	328.1	339.1	350.1	359.4
155°	267.1	271.2	275.3	284.7	294.0	303.4	312.7	323.1	333.6	342.4	350.6
157.5°	270.9	274.5	278.1	286.3	294.0	301.2	309.4	318.8	327.0	334.7	341.8
160°	274.8	277.8	280.8	287.4	294.0	299.5	306.1	313.8	321.0	327.0	333.0
162.5°	278.1	280.3	282.5	288.0	293.5	297.9	303.4	309.4	314.9	319.9	324.8
165°	280.3	282.0	283.6	288.5	292.4	295.7	299.5	304.5	308.9	312.7	316.6
167.5°	282.5	283.6	284.7	288.5	291.8	293.5	296.2	299.5	302.8	306.1	308.9
170°	283.6	284.4	285.2	288.0	290.7	291.8	293.5	295.7	298.4	300.1	302.3
172.5°	284.7	285.2	285.8	287.4	289.1	289.6	290.2	291.8	293.5	294.6	296.2
175°	285.2	285.5	285.8	286.9	288.0	287.4	288.0	288.5	290.2	290.7	291.3
177.5°	285.8	285.8	285.8	286.3	287.4	286.3	285.8	286.3	287.4	287.4	288.0
180°	285.8	285.8	285.8	285.8	285.8	285.8	285.8	285.8	285.8	285.8	285.8

TEST NUMBER: P999977

CATALOG NUMBER: SA2XXRDIP-B675D530UB50-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
0°	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0
2.5°	1358.9	1356.9	1351.0	1352.9	1350.0	1350.0	1348.0	1348.0	1348.0	1352.9	1350.0
5°	1284.8	1277.9	1271.0	1268.1	1265.1	1262.1	1262.1	1261.2	1270.0	1268.1	1276.0
7.5°	1193.1	1191.1	1177.3	1177.3	1172.3	1170.4	1175.3	1176.3	1177.3	1179.3	1184.2
10°	1111.2	1106.2	1086.5	1088.5	1085.5	1081.6	1084.5	1082.5	1089.5	1091.4	1089.5
12.5°	1014.5	1005.6	983.9	973.0	961.2	952.3	963.1	955.2	982.9	990.8	1012.5
15°	886.2	869.4	854.6	854.6	843.7	835.8	840.8	849.7	855.6	864.5	868.4
17.5°	800.3	793.4	781.6	774.7	771.7	768.7	768.7	772.7	785.5	784.5	792.4
20°	727.3	723.3	717.4	708.5	705.6	703.6	703.6	703.6	712.5	720.4	725.3
22.5°	677.0	674.0	670.1	658.2	652.3	650.3	655.2	658.2	665.1	671.0	676.0
25°	626.6	619.7	612.8	608.9	605.9	605.9	607.9	608.9	611.8	614.8	620.7
27.5°	585.2	580.3	570.4	559.5	559.5	556.6	558.5	560.5	567.4	577.3	582.2
30°	538.8	537.8	533.9	529.9	526.0	524.0	527.9	530.9	531.9	536.8	536.8
32.5°	505.3	498.3	491.4	487.5	485.5	484.5	485.5	489.5	489.5	495.4	502.3
35°	471.7	467.8	460.8	453.9	452.0	447.0	451.0	454.9	461.8	464.8	467.8
37.5°	435.2	430.3	427.3	425.3	421.4	422.4	419.4	425.3	431.2	430.3	432.2
40°	407.6	398.7	389.8	388.8	387.8	386.8	386.8	387.8	391.8	395.7	401.6
42.5°	372.0	369.1	361.2	353.3	351.3	349.3	347.4	351.3	359.2	366.1	369.1
45°	335.5	331.6	329.6	323.7	319.7	318.7	316.8	321.7	328.6	331.6	333.5
47.5°	302.0	301.0	295.1	296.0	293.1	294.1	293.1	296.0	296.0	299.0	301.0
50°	279.3	276.3	273.3	271.4	268.4	268.4	267.4	268.4	272.4	276.3	275.3
52.5°	256.6	251.6	250.7	249.7	247.7	249.7	246.7	247.7	251.6	253.6	252.6
55°	229.9	228.9	227.0	225.0	224.0	223.0	223.0	223.0	227.0	229.9	230.9
57.5°	209.2	204.3	200.3	200.3	196.4	195.4	197.4	198.4	201.3	203.3	205.3
60°	180.6	178.6	172.7	169.7	163.8	162.8	162.8	166.8	171.7	178.6	180.6
62.5°	150.0	147.0	146.0	146.0	146.0	146.0	146.0	146.0	146.0	147.0	147.0
65°	133.2	134.2	133.2	132.2	133.2	133.2	132.2	132.2	132.2	133.2	134.2
67.5°	119.4	118.4	119.4	118.4	117.4	117.4	116.4	117.4	118.4	119.4	119.4
70°	103.6	103.6	102.6	103.6	102.6	101.6	100.7	100.7	102.6	103.6	103.6
72.5°	88.8	88.8	87.8	87.8	85.9	85.9	86.8	85.9	85.9	88.8	88.8
75°	74.0	73.0	72.0	72.0	71.1	71.1	71.1	70.1	72.0	72.0	73.0
77.5°	58.2	58.2	58.2	57.2	57.2	56.2	56.2	57.2	57.2	57.2	58.2
80°	44.4	44.4	44.4	43.4	42.4	42.4	42.4	42.4	42.4	43.4	42.4
82.5°	30.6	30.6	30.6	30.6	30.6	29.6	29.6	29.6	30.6	30.6	29.6
85°	18.7	17.8	18.7	18.7	17.8	18.7	17.8	17.8	16.8	16.8	17.8
87.5°	7.9	6.9	5.9	5.9	6.9	5.9	5.9	5.9	6.9	5.9	5.9
90°	17.8	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	17.8
92.5°	39.0	36.8	36.3	34.1	34.6	33.5	34.6	34.1	36.3	36.8	39.0
95°	81.4	75.3	68.1	63.8	62.1	62.7	62.1	63.8	68.1	75.3	81.4
97.5°	163.2	146.7	125.3	114.3	108.3	105.0	108.3	114.3	125.3	146.7	163.2
100°	325.0	291.8	246.2	222.6	206.6	196.7	206.6	222.6	246.2	291.8	325.0
102.5°	549.6	513.9	463.3	418.8	397.9	383.6	397.9	418.8	463.3	513.9	549.6
105°	727.9	718.8	684.8	650.7	627.1	619.4	627.1	650.7	684.8	718.8	727.9
107.5°	792.5	803.5	802.9	798.0	790.8	778.2	790.8	798.0	802.9	803.5	792.5
110°	782.0	804.6	828.2	838.6	843.6	843.0	843.6	838.6	828.2	804.6	782.0

TEST NUMBER: P999977

CATALOG NUMBER: SA2XXRDIP-B675D530UB50-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
112.5°	746.6	773.2	808.4	827.7	838.1	841.9	838.1	827.7	808.4	773.2	746.6
115°	703.2	731.5	770.5	795.8	810.1	815.0	810.1	795.8	770.5	731.5	703.2
117.5°	661.7	688.6	728.7	755.7	770.5	774.3	770.5	755.7	728.7	688.6	661.7
120°	624.6	649.6	688.1	713.9	729.8	735.3	729.8	713.9	688.1	649.6	624.6
122.5°	595.8	617.7	651.2	676.5	690.3	694.7	690.3	676.5	651.2	617.7	595.8
125°	569.6	590.2	622.1	643.0	656.7	661.1	656.7	643.0	622.1	590.2	569.6
127.5°	547.4	566.6	594.6	614.4	626.5	629.8	626.5	614.4	594.6	566.6	547.4
130°	524.8	543.0	569.9	588.6	599.6	604.0	599.6	588.6	569.9	543.0	524.8
132.5°	501.4	518.2	544.6	563.3	573.2	577.1	573.2	563.3	544.6	518.2	501.4
135°	478.7	494.1	517.7	535.8	545.7	547.9	545.7	535.8	517.7	494.1	478.7
137.5°	455.6	469.3	491.9	507.8	516.6	519.9	516.6	507.8	491.9	469.3	455.6
140°	435.3	447.4	464.9	479.2	487.5	490.8	487.5	479.2	464.9	447.4	435.3
142.5°	415.8	425.4	441.9	454.5	461.6	461.6	461.6	454.5	441.9	425.4	415.8
145°	399.8	407.8	421.0	430.3	435.8	437.5	435.8	430.3	421.0	407.8	399.8
147.5°	385.8	391.8	403.4	411.1	414.9	416.0	414.9	411.1	403.4	391.8	385.8
150°	373.8	378.7	386.9	393.5	396.8	397.3	396.8	393.5	386.9	378.7	373.8
152.5°	363.5	367.7	373.7	379.2	381.4	381.4	381.4	379.2	373.7	367.7	363.5
155°	353.6	356.7	362.7	366.6	368.8	367.7	368.8	366.6	362.7	356.7	353.6
157.5°	344.3	346.8	351.2	354.5	355.6	355.6	355.6	354.5	351.2	346.8	344.3
160°	335.0	336.9	340.7	343.5	344.0	344.0	344.0	343.5	340.7	336.9	335.0
162.5°	326.2	327.5	331.4	333.0	333.6	333.0	333.6	333.0	331.4	327.5	326.2
165°	317.7	318.8	321.0	323.1	323.1	322.6	323.1	323.1	321.0	318.8	317.7
167.5°	310.0	311.1	312.2	313.3	313.3	312.7	313.3	313.3	312.2	311.1	310.0
170°	302.8	303.4	303.9	305.6	305.0	303.9	305.0	305.6	303.9	303.4	302.8
172.5°	296.5	296.8	297.3	297.9	297.3	296.8	297.3	297.9	297.3	296.8	296.5
175°	291.6	291.8	291.8	292.4	291.8	290.7	291.8	292.4	291.8	291.8	291.6
177.5°	288.0	288.0	288.0	288.0	287.4	286.3	287.4	288.0	288.0	288.0	288.0
180°	285.8	285.8	285.8	285.8	285.8	285.8	285.8	285.8	285.8	285.8	285.8

TEST NUMBER: P999977

CATALOG NUMBER: SA2XXRDIP-B675D530UB50-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
0°	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0
2.5°	1352.9	1357.9	1355.9	1345.0	1355.9	1358.9	1364.8	1370.7	1374.6	1380.6	1385.5
5°	1268.1	1277.9	1283.9	1277.9	1297.7	1300.6	1314.4	1322.3	1334.2	1344.1	1351.9
7.5°	1188.1	1196.0	1207.9	1209.8	1221.7	1235.5	1255.2	1275.0	1293.7	1303.6	1312.5
10°	1102.3	1116.1	1133.9	1129.9	1147.7	1169.4	1190.1	1221.7	1237.5	1255.2	1271.0
12.5°	1016.4	1025.3	1049.0	1056.9	1082.5	1099.3	1127.9	1147.7	1187.1	1207.9	1221.7
15°	866.4	902.9	932.5	968.1	1001.6	1033.2	1058.9	1094.4	1128.9	1144.7	1167.4
17.5°	798.3	815.1	832.9	850.6	894.1	950.3	995.7	1034.2	1063.8	1084.5	1111.2
20°	727.3	744.1	763.8	780.6	807.2	847.7	903.9	970.0	1005.6	1027.3	1052.9
22.5°	677.0	692.7	705.6	720.4	741.1	770.7	813.1	895.0	942.4	969.1	991.8
25°	622.7	642.4	656.2	667.1	683.9	716.4	751.0	797.4	882.2	902.9	934.5
27.5°	585.2	591.1	606.9	623.7	640.4	658.2	693.7	733.2	790.4	835.8	874.3
30°	540.8	555.6	570.4	577.3	592.1	617.8	639.5	681.9	726.3	761.8	808.2
32.5°	507.2	516.1	526.0	542.8	556.6	574.3	596.0	631.6	669.1	691.8	727.3
35°	469.7	475.6	496.4	503.3	517.1	534.9	556.6	584.2	624.7	642.4	668.1
37.5°	434.2	448.0	453.9	469.7	482.6	500.3	516.1	547.7	574.3	595.1	618.7
40°	406.6	412.5	423.3	437.2	448.0	461.8	481.6	504.3	532.9	549.7	570.4
42.5°	373.0	378.0	391.8	399.7	417.4	430.3	442.1	469.7	495.4	508.2	528.9
45°	336.5	348.3	357.2	373.0	382.9	398.7	413.5	433.2	456.9	471.7	483.5
47.5°	304.9	316.8	325.7	340.5	356.2	363.2	378.9	399.7	421.4	433.2	450.0
50°	279.3	283.2	300.0	306.9	323.7	337.5	348.3	366.1	389.8	396.7	410.5
52.5°	254.6	257.6	268.4	277.3	292.1	303.9	317.8	334.5	354.3	365.1	376.0
55°	232.9	234.9	239.8	249.7	259.5	274.3	287.2	303.0	319.7	331.6	341.4
57.5°	208.2	212.2	216.1	222.0	231.9	245.7	259.5	274.3	288.2	296.0	308.9
60°	179.6	185.5	192.4	199.3	206.2	216.1	231.9	245.7	258.5	265.5	275.3
62.5°	149.0	160.9	166.8	174.7	180.6	189.5	201.3	217.1	226.0	234.9	242.8
65°	134.2	135.2	136.2	144.1	154.9	163.8	174.7	186.5	200.3	206.2	212.2
67.5°	119.4	120.4	122.4	123.4	127.3	137.2	149.0	161.8	172.7	176.6	182.6
70°	104.6	104.6	108.6	109.5	110.5	111.5	121.4	134.2	144.1	149.0	155.9
72.5°	88.8	89.8	91.8	92.8	94.7	96.7	99.7	106.6	118.4	123.4	131.2
75°	73.0	74.0	75.0	76.0	78.9	79.9	82.9	86.8	91.8	97.7	102.6
77.5°	58.2	58.2	59.2	61.2	63.2	64.1	67.1	69.1	71.1	74.0	78.0
80°	43.4	44.4	44.4	46.4	46.4	47.4	48.4	51.3	53.3	55.3	57.2
82.5°	29.6	31.6	31.6	31.6	32.6	33.6	34.5	34.5	36.5	37.5	40.5
85°	17.8	18.7	18.7	18.7	17.8	19.7	19.7	20.7	20.7	20.7	21.7
87.5°	6.9	5.9	6.9	6.9	6.9	7.9	6.9	6.9	7.9	8.9	8.9
90°	17.6	16.5	17.6	18.1	18.7	18.1	14.8	11.0	8.2	7.4	6.6
92.5°	41.2	47.3	55.5	70.9	84.6	83.5	64.8	44.0	29.1	26.1	23.1
95°	87.4	110.5	144.0	188.5	215.4	190.7	127.0	79.1	53.9	47.3	40.7
97.5°	179.7	235.2	294.6	353.9	351.2	271.5	168.7	102.2	69.8	62.4	55.0
100°	358.3	433.6	501.8	513.3	434.2	299.0	180.3	113.2	84.1	76.4	68.7
102.5°	585.3	635.3	637.5	572.7	436.9	288.5	180.8	123.1	96.7	89.0	81.3
105°	737.0	729.8	667.7	553.4	407.2	274.2	183.6	134.6	108.8	101.1	93.4
107.5°	781.5	727.6	635.3	512.8	379.8	266.5	189.6	146.2	120.9	113.2	105.5
110°	759.5	689.2	590.8	474.8	361.1	264.3	197.3	157.7	133.5	125.6	117.6

TEST NUMBER: P999977

CATALOG NUMBER: SA2XXRDIP-B675D530UB50-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
112.5°	719.9	643.5	550.1	448.5	349.0	264.9	205.5	168.7	145.6	137.4	129.1
115°	674.9	602.9	518.2	427.6	340.7	267.1	213.8	180.3	156.6	149.2	141.8
117.5°	634.8	567.7	491.9	413.3	336.3	270.4	222.6	190.7	168.7	161.0	153.3
120°	599.6	541.3	473.2	402.3	332.5	273.7	231.4	201.7	180.3	172.6	164.9
122.5°	573.8	519.3	458.3	392.9	330.3	277.5	239.1	212.1	192.4	184.4	176.4
125°	549.0	500.7	444.1	384.2	327.5	281.4	247.3	222.6	202.8	195.1	187.4
127.5°	528.1	482.0	429.8	375.9	325.9	285.2	255.0	232.5	213.2	205.2	197.3
130°	506.7	463.3	416.0	367.7	324.8	289.6	262.1	241.3	222.0	214.3	206.6
132.5°	484.7	445.7	402.8	361.1	324.2	294.0	269.3	249.0	230.8	223.1	215.4
135°	463.3	427.0	390.7	355.0	323.7	297.3	275.3	256.1	238.5	230.8	223.1
137.5°	441.9	412.2	380.9	350.6	323.7	300.6	280.3	262.1	244.6	237.4	230.3
140°	423.2	397.9	371.5	346.8	323.1	302.8	284.1	267.1	250.6	243.4	236.3
142.5°	406.1	385.3	363.8	342.9	323.1	304.5	287.4	270.9	255.0	248.4	241.8
145°	391.8	374.8	356.7	339.6	322.0	305.6	290.2	274.8	259.9	253.9	247.9
147.5°	379.8	366.0	351.2	336.3	320.4	306.1	291.8	278.1	263.8	258.3	252.8
150°	368.8	357.2	345.1	331.9	318.8	305.6	292.9	280.3	267.6	262.6	257.7
152.5°	359.4	350.1	339.1	328.1	316.0	304.5	293.5	282.5	271.5	267.1	262.7
155°	350.6	342.4	333.6	323.1	312.7	303.4	294.0	284.7	275.3	271.2	267.1
157.5°	341.8	334.7	327.0	318.8	309.4	301.2	294.0	286.3	278.1	274.5	270.9
160°	333.0	327.0	321.0	313.8	306.1	299.5	294.0	287.4	280.8	277.8	274.8
162.5°	324.8	319.9	314.9	309.4	303.4	297.9	293.5	288.0	282.5	280.3	278.1
165°	316.6	312.7	308.9	304.5	299.5	295.7	292.4	288.5	283.6	282.0	280.3
167.5°	308.9	306.1	302.8	299.5	296.2	293.5	291.8	288.5	284.7	283.6	282.5
170°	302.3	300.1	298.4	295.7	293.5	291.8	290.7	288.0	285.2	284.4	283.6
172.5°	296.2	294.6	293.5	291.8	290.2	289.6	289.1	287.4	285.8	285.2	284.7
175°	291.3	290.7	290.2	288.5	288.0	287.4	288.0	286.9	285.8	285.5	285.2
177.5°	288.0	287.4	287.4	286.3	285.8	286.3	287.4	286.3	285.8	285.8	285.8
180°	285.8	285.8	285.8	285.8	285.8	285.8	285.8	285.8	285.8	285.8	285.8

TEST NUMBER: P999977

CATALOG NUMBER: SA2XXRDIP-B675D530UB50-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
0°	1420.0	1420.0	1420.0	1420.0
2.5°	1394.4	1391.4	1409.2	1428.9
5°	1365.8	1370.7	1393.4	1421.0
7.5°	1336.2	1347.0	1373.7	1410.2
10°	1294.7	1314.4	1354.9	1392.4
12.5°	1254.3	1280.9	1319.4	1363.8
15°	1208.9	1238.5	1285.8	1339.1
17.5°	1158.5	1192.1	1247.3	1305.6
20°	1105.2	1149.6	1207.9	1271.0
22.5°	1046.0	1099.3	1159.5	1229.6
25°	988.8	1047.0	1107.2	1188.1
27.5°	932.5	989.8	1056.9	1138.8
30°	876.3	928.6	1000.6	1088.5
32.5°	816.1	870.4	946.4	1036.2
35°	760.8	815.1	886.2	975.0
37.5°	701.6	759.9	827.9	919.7
40°	632.6	700.6	766.8	854.6
42.5°	575.3	647.4	711.5	794.4
45°	529.9	598.0	651.3	732.2
47.5°	487.5	542.8	597.0	672.0
50°	447.0	489.5	545.7	612.8
52.5°	405.6	442.1	490.5	553.6
55°	368.1	402.6	446.0	494.4
57.5°	333.5	358.2	401.6	445.1
60°	295.1	320.7	354.3	390.8
62.5°	262.5	282.2	313.8	344.4
65°	228.0	246.7	270.4	299.0
67.5°	196.4	213.2	231.9	254.6
70°	167.8	180.6	194.4	214.1
72.5°	137.2	151.0	163.8	179.6
75°	112.5	118.4	129.3	140.1
77.5°	86.8	94.7	100.7	109.5
80°	62.2	69.1	71.1	78.0
82.5°	41.4	45.4	49.3	51.3
85°	23.7	25.7	29.6	30.6
87.5°	8.9	9.9	11.8	13.8
90°	5.5	4.4	2.2	0.5
92.5°	18.7	15.9	11.5	8.2
95°	31.9	26.9	21.4	19.2
97.5°	45.1	37.9	31.9	28.6
100°	57.7	48.9	44.0	42.3
102.5°	69.8	61.0	56.1	55.0
105°	81.3	73.1	69.2	67.0
107.5°	93.4	85.7	81.9	80.2
110°	106.1	98.9	95.6	93.4

TEST NUMBER: P999977

CATALOG NUMBER: SA2XXRDIP-B675D530UB50-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
112.5°	118.2	111.6	107.7	105.5
115°	130.8	124.2	120.9	118.2
117.5°	142.9	136.8	133.5	131.3
120°	153.9	148.9	145.6	143.4
122.5°	165.4	159.9	156.6	155.0
125°	176.4	169.8	166.5	164.9
127.5°	186.9	179.7	175.3	173.1
130°	195.6	188.0	182.5	180.3
132.5°	203.9	195.6	189.6	186.9
135°	210.5	202.2	195.6	193.4
137.5°	217.6	208.8	202.2	199.5
140°	224.2	215.4	208.8	206.6
142.5°	230.3	221.5	215.4	213.8
145°	236.9	228.6	223.1	220.9
147.5°	243.5	235.8	230.3	228.6
150°	249.5	242.4	238.0	236.3
152.5°	255.0	249.0	244.6	244.0
155°	261.0	255.0	251.7	251.2
157.5°	266.0	260.5	257.7	257.2
160°	270.4	266.0	263.8	263.2
162.5°	274.2	270.9	268.7	269.3
165°	277.5	274.2	273.1	273.7
167.5°	280.3	278.1	277.0	277.5
170°	282.5	280.8	280.3	281.4
172.5°	284.1	282.5	283.0	283.6
175°	285.2	284.1	284.7	285.2
177.5°	285.8	284.7	285.2	286.3
180°	285.8	285.8	285.8	285.8

(END OF REPORT)