

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: P999949

Luminaire Tested: SA2XXRDIP-B675D530UB2750-4F0-XX-W2A-A_3500K

Issue Date: 5/7/2025

Test Information

Test Method: LM-79-2019
Report Number: P999949
REPORT IS A COMBINATION OF REPORTS P988506 AND P1007351
Test Lab: INNOVATION CENTER
Issue Date: 5/7/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: NEO-RAY
Catalog Number: SA2XXRDIP-B675D530UB2750-4F0-XX-W2A-A_3500K
Description: Define 2 Regressed Direct/Indirect Pendant with 3500K BioUP LEDs {m-DER=0.721}
{m-EER=0.792}
Light Source: -
Ballast/Driver: -

Summary

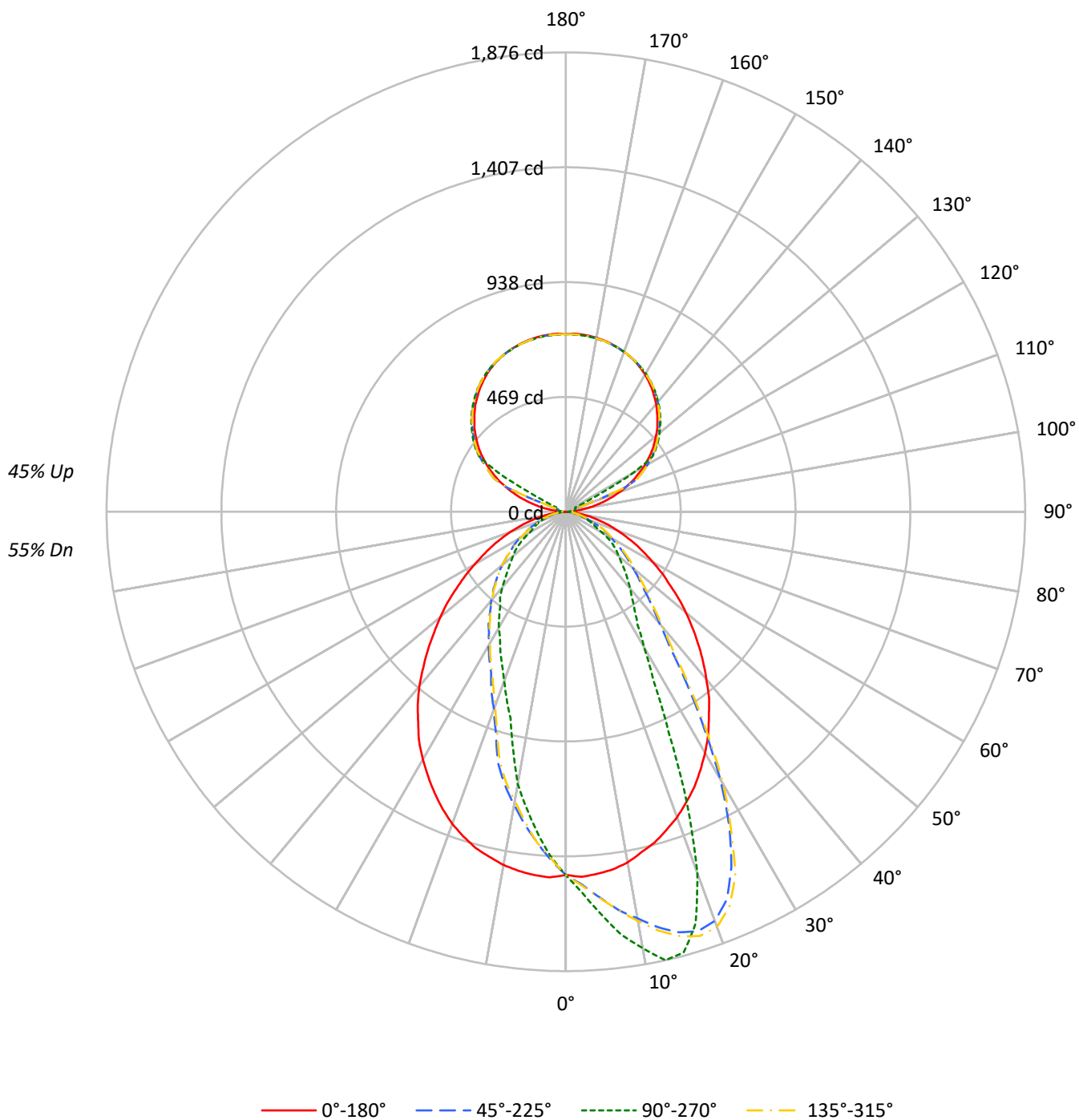
Lumens per Lamp: N/A
Luminaire Lumens: 4692.0 lumens
Efficiency: N/A
Efficacy: 91.5 lumens/watt
Spacing Criteria (0/90/45): 1.16 / 0.85 / 1.01
Luminous Opening: Rectangular w/ Sides (W: 0.17' x L: 4' x H: 0.1')
CIE Type: General Diffuse

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				10
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10
RCR																	
0	108	108	108	108	100	100	100	100	86	86	86	73	73	73	60	60	60
1	100	96	92	89	92	89	86	83	77	74	72	65	64	62	55	54	53
2	91	85	79	74	85	79	74	70	68	65	61	58	56	53	49	47	46
3	84	75	68	63	78	70	64	59	61	56	53	52	49	46	44	42	40
4	77	67	60	54	72	63	56	51	55	50	46	47	44	41	40	38	35
5	72	60	53	47	66	57	50	45	50	44	40	43	39	36	37	34	31
6	66	55	47	41	62	51	45	40	45	40	36	39	35	32	34	31	28
7	62	50	42	37	57	47	40	35	41	36	32	36	32	29	31	28	26
8	57	46	38	33	53	43	36	32	38	33	29	33	29	26	29	26	23
9	54	42	35	30	50	40	33	29	35	30	26	31	27	24	27	24	21
10	50	39	32	27	47	37	30	26	33	27	24	29	25	22	25	22	20

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	23476	23476	23476	23476
5°	23531	24936	23613	19921
10°	23273	26356	23438	16450
15°	22767	26365	23153	12359
20°	22160	21793	22641	10196
25°	21423	13618	21886	8673
30°	20483	8719	21040	7468
35°	19339	6701	19966	6390
40°	18063	5632	18837	5589
45°	16701	4794	17400	4692
50°	15305	4074	16020	4058
55°	13760	3540	14501	3493
60°	12384	2699	13042	2667
65°	11102	2031	11760	2304
70°	9688	1622	10446	1879
75°	8190	1242	8939	1420
80°	6499	845	6994	931
85°	4520	437	4944	461

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 165°

Vertical Angle: 45°

Luminance: 21476 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	140.7	3.0
10°-20°	392.7	8.4
20°-30°	505.4	10.8
30°-40°	479.4	10.2
40°-50°	410.9	8.8
50°-60°	312.9	6.7
60°-70°	197.3	4.2
70°-80°	98.4	2.1
80°-90°	26.6	0.6
90°-100°	23.9	0.5
100°-110°	89.2	1.9
110°-120°	236.6	5.0
120°-130°	392.4	8.4
130°-140°	416.8	8.9
140°-150°	387.4	8.3
150°-160°	311.5	6.6
160°-170°	200.7	4.3
170°-180°	69.1	1.5
0°-30°	1038.7	22.1
0°-40°	1518.1	32.4
0°-60°	2241.9	47.8
0°-90°	2564.3	54.7
90°-120°	349.8	7.5
90°-150°	1546.5	33.0
90°-180°	2128.0	45.4
0°-180°	4692.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1483	1483	1483	1483	1483	
5°	1484	1650	1489	1318	1484	141
15°	1399	1862	1422	873	1399	393
25°	1241	994	1268	633	1241	570
35°	1018	490	1051	467	1018	637
45°	765	340	797	333	765	590
55°	516	236	544	233	516	465
65°	312	123	331	139	312	310
75°	146	65	160	74	146	158
85°	32	19	35	20	32	36
90°	0	14	0	14	0	4
95°	34	23	34	23	34	40
105°	160	40	160	40	160	171
115°	302	43	302	43	302	297
125°	427	449	427	449	427	381
135°	528	546	528	546	528	408
145°	613	622	613	622	613	383
155°	675	675	675	675	675	311
165°	711	710	711	710	711	201
175°	727	723	727	723	727	69
180°	726	726	726	726	726	

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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	1483.1	1483.1	1483.1	1483.1	1483.1	1483.1	1483.1	1483.1	1483.1	1483.1	1483.1
2.5°	1492.4	1498.6	1501.7	1505.8	1515.1	1521.2	1530.5	1532.6	1531.6	1535.7	1524.3
5°	1484.1	1497.5	1509.9	1520.2	1536.7	1547.0	1558.3	1571.7	1574.8	1590.3	1581.0
7.5°	1472.8	1492.4	1509.9	1530.5	1555.3	1568.7	1586.2	1606.8	1616.1	1634.6	1639.8
10°	1454.3	1482.1	1512.0	1533.6	1567.6	1591.3	1607.8	1640.8	1662.4	1690.3	1686.1
12.5°	1424.4	1460.4	1500.6	1536.7	1581.0	1596.5	1627.4	1661.4	1689.2	1715.0	1737.7
15°	1398.6	1439.8	1484.1	1528.5	1579.0	1607.8	1638.7	1683.1	1712.9	1758.3	1777.9
17.5°	1363.6	1416.1	1468.7	1518.2	1577.9	1610.9	1649.0	1692.3	1736.7	1779.9	1795.4
20°	1327.5	1384.2	1440.9	1507.8	1575.9	1607.8	1647.0	1700.6	1743.9	1777.9	1777.9
22.5°	1284.2	1353.2	1418.2	1482.1	1556.3	1602.7	1642.9	1705.7	1736.7	1743.9	1716.0
25°	1240.9	1310.0	1381.1	1460.4	1545.0	1586.2	1631.5	1690.3	1700.6	1671.7	1599.6
27.5°	1189.4	1266.7	1347.1	1432.6	1521.2	1572.8	1614.0	1653.2	1633.6	1556.3	1443.9
30°	1136.8	1220.3	1311.0	1392.4	1499.6	1547.0	1582.1	1593.4	1531.6	1405.8	1260.5
32.5°	1082.2	1163.6	1259.5	1357.4	1465.6	1510.9	1533.6	1503.7	1390.4	1231.6	1054.4
35°	1018.3	1110.0	1210.0	1312.0	1419.2	1453.2	1466.6	1393.4	1248.1	1043.0	866.8
37.5°	960.6	1052.3	1159.5	1263.6	1367.7	1386.2	1372.8	1258.4	1073.9	870.9	698.8
40°	892.5	990.5	1095.6	1212.0	1297.6	1302.7	1269.8	1121.4	892.5	701.9	595.7
42.5°	829.7	928.6	1033.7	1152.3	1217.2	1199.7	1155.4	960.6	745.2	605.0	519.4
45°	764.7	858.5	971.9	1077.0	1123.4	1082.2	1015.2	808.0	625.6	520.5	454.5
47.5°	701.9	789.5	901.8	1002.8	1011.1	964.7	885.3	677.1	542.1	457.6	404.0
50°	640.0	727.6	832.8	916.3	908.0	844.1	754.4	588.5	471.0	404.0	359.7
52.5°	578.2	657.6	759.6	825.6	790.5	728.7	640.0	498.8	411.2	352.5	318.5
55°	516.4	590.6	678.2	732.8	677.1	606.0	543.2	427.7	356.6	309.2	283.4
57.5°	464.8	523.6	604.0	636.9	570.0	514.3	459.7	367.9	309.2	275.2	245.3
60°	408.1	461.7	527.7	547.3	478.2	432.9	386.5	311.3	264.9	235.0	215.4
62.5°	359.7	404.0	454.5	454.5	393.7	359.7	324.7	260.8	222.6	198.9	189.6
65°	312.3	344.2	380.3	376.2	324.7	294.8	266.9	215.4	186.5	170.1	160.8
67.5°	265.9	290.6	314.3	299.9	262.8	237.1	211.3	174.2	154.6	143.3	130.9
70°	223.7	243.2	255.6	242.2	205.1	183.5	164.9	140.2	124.7	110.3	103.1
72.5°	187.6	195.8	199.9	183.5	152.5	140.2	126.8	109.2	95.9	88.6	86.6
75°	146.4	153.6	150.5	138.1	112.3	103.1	92.8	80.4	77.3	73.2	71.1
77.5°	114.4	114.4	109.2	97.9	80.4	73.2	69.1	62.9	59.8	58.7	56.7
80°	81.4	80.4	77.3	64.9	54.6	50.5	50.5	46.4	45.3	43.3	43.3
82.5°	53.6	53.6	49.5	39.2	36.1	35.0	34.0	32.0	32.0	30.9	30.9
85°	32.0	29.9	24.7	21.6	20.6	20.6	19.6	18.6	19.6	18.6	18.6
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°	0.5	1.8	3.1	4.4	5.7	6.3	6.8	7.7	8.6	9.6	10.5
92.5°	13.1	12.6	12.2	11.7	11.2	11.0	11.2	11.5	11.9	12.2	12.6
95°	34.1	30.3	26.4	22.6	18.7	16.8	17.2	18.0	18.9	19.7	20.5
97.5°	61.4	51.8	42.3	32.7	23.2	18.4	19.3	21.2	23.1	24.9	26.8
100°	93.0	77.0	61.0	45.0	29.0	21.0	22.0	24.0	25.9	27.9	29.9
102.5°	127.6	127.4	127.2	126.9	126.7	126.6	116.0	94.7	73.5	52.2	31.0
105°	159.6	163.1	166.6	170.1	173.6	175.4	159.5	127.6	95.7	63.9	32.0
107.5°	196.9	199.8	202.8	205.7	208.6	210.1	190.4	151.1	111.8	72.4	33.1
110°	232.6	235.1	237.5	240.0	242.5	243.7	226.8	193.1	159.4	125.6	91.9



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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	266.3	268.4	270.5	272.6	274.7	275.7	274.7	272.7	270.8	268.8	266.8
115°	302.0	304.0	306.0	307.9	309.9	310.9	312.4	315.3	318.2	321.1	324.0
117.5°	333.0	335.3	337.7	340.0	342.3	343.5	344.5	346.5	348.4	350.4	352.4
120°	367.6	369.4	371.1	372.9	374.6	375.5	376.5	378.6	380.7	382.8	384.9
122.5°	397.0	398.9	400.7	402.6	404.5	405.4	406.6	408.9	411.2	413.6	415.9
125°	427.0	428.5	430.0	431.5	433.0	433.8	434.9	437.1	439.4	441.6	443.8
127.5°	454.3	455.9	457.5	459.2	460.8	461.6	462.5	464.2	466.0	467.7	469.5
130°	480.0	481.9	483.7	485.6	487.5	488.4	489.0	490.3	491.6	492.9	494.2
132.5°	506.3	507.8	509.3	510.8	512.3	513.1	513.7	515.0	516.3	517.6	518.9
135°	528.3	530.2	532.0	533.9	535.8	536.7	537.2	538.3	539.3	540.4	541.4
137.5°	551.4	552.8	554.2	555.6	557.0	557.7	558.3	559.5	560.6	561.8	563.0
140°	574.0	574.9	575.9	576.8	577.7	578.2	578.8	580.1	581.4	582.7	584.0
142.5°	592.9	593.7	594.5	595.4	596.2	596.6	597.4	598.9	600.4	601.9	603.4
145°	612.9	612.8	612.6	612.5	612.4	612.3	613.3	615.3	617.3	619.3	621.3
147.5°	630.2	629.8	629.5	629.1	628.8	628.6	629.6	631.6	633.5	635.5	637.5
150°	647.0	646.2	645.4	644.5	643.7	643.3	644.2	646.1	648.0	649.8	651.7
152.5°	661.2	660.3	659.3	658.4	657.5	657.0	657.9	659.6	661.4	663.1	664.9
155°	674.8	673.8	672.7	671.7	670.6	670.1	670.8	672.2	673.6	675.0	676.4
157.5°	685.9	685.0	684.0	683.1	682.2	681.7	682.2	683.3	684.3	685.4	686.4
160°	695.3	694.6	693.9	693.2	692.5	692.2	692.5	693.2	693.9	694.6	695.3
162.5°	703.7	703.0	702.3	701.6	700.9	700.6	700.9	701.5	702.0	702.6	703.2
165°	711.1	710.4	709.7	709.0	708.3	707.9	708.1	708.4	708.8	709.1	709.5
167.5°	716.8	716.1	715.4	714.7	714.0	713.7	713.9	714.2	714.6	714.9	715.3
170°	721.6	720.9	720.2	719.5	718.8	718.4	718.5	718.8	719.0	719.3	719.5
172.5°	724.7	724.0	723.3	722.6	721.9	721.6	721.7	721.9	722.2	722.4	722.6
175°	727.4	726.6	725.8	724.9	724.1	723.7	723.8	724.0	724.3	724.5	724.7
177.5°	728.4	727.6	726.8	725.9	725.1	724.7	724.8	724.9	725.0	725.2	725.3
180°	725.8	725.8	725.8	725.8	725.8	725.8	725.8	725.8	725.8	725.8	725.8

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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	1483.1	1483.1	1483.1	1483.1	1483.1	1483.1	1483.1	1483.1	1483.1	1483.1	1483.1
2.5°	1535.7	1537.7	1540.8	1555.3	1557.3	1561.4	1559.4	1559.4	1560.4	1558.3	1559.4
5°	1601.6	1604.7	1620.2	1637.7	1641.8	1637.7	1642.9	1650.1	1650.1	1650.1	1648.0
7.5°	1663.5	1674.8	1692.3	1718.1	1723.3	1728.4	1737.7	1731.5	1733.6	1742.8	1739.7
10°	1723.3	1739.7	1759.3	1781.0	1792.3	1799.5	1803.6	1812.9	1834.6	1809.8	1819.1
12.5°	1779.9	1803.6	1824.3	1848.0	1856.2	1865.5	1868.6	1876.8	1876.8	1875.8	1883.0
15°	1817.0	1838.7	1857.2	1872.7	1874.8	1872.7	1870.6	1871.7	1874.8	1862.4	1869.6
17.5°	1825.3	1827.3	1833.5	1827.3	1828.4	1806.7	1794.4	1791.3	1762.4	1763.4	1787.2
20°	1785.1	1750.1	1740.8	1706.8	1686.1	1630.5	1628.4	1613.0	1552.2	1570.7	1566.6
22.5°	1674.8	1615.0	1535.7	1496.5	1476.9	1418.2	1372.8	1340.9	1319.2	1297.6	1288.3
25°	1529.5	1432.6	1320.3	1243.0	1231.6	1177.0	1093.5	1054.4	1008.0	993.6	1018.3
27.5°	1341.9	1216.2	1089.4	970.9	949.2	899.8	857.5	829.7	776.1	773.0	775.1
30°	1087.3	960.6	854.4	777.1	723.5	700.8	673.0	652.4	630.8	639.0	641.1
32.5°	893.6	773.0	674.0	632.8	608.1	593.7	570.0	556.6	547.3	544.2	543.2
35°	710.1	629.7	585.4	545.2	530.8	520.5	503.0	496.8	488.5	489.6	489.6
37.5°	608.1	541.1	508.1	487.5	474.1	468.9	457.6	451.4	446.3	444.2	447.3
40°	524.6	478.2	457.6	439.1	427.7	425.7	419.5	412.3	406.1	407.1	410.2
42.5°	463.8	437.0	412.3	397.8	389.6	386.5	381.3	376.2	376.2	373.1	372.1
45°	415.4	393.7	373.1	359.7	354.5	350.4	344.2	343.2	339.1	340.1	341.1
47.5°	372.1	354.5	339.1	325.7	320.5	319.5	313.3	309.2	309.2	308.2	307.1
50°	332.9	315.4	302.0	294.8	287.6	285.5	284.5	283.4	281.4	281.4	282.4
52.5°	301.0	283.4	273.1	266.9	262.8	260.8	260.8	259.7	259.7	259.7	258.7
55°	265.9	251.5	243.2	241.2	239.1	238.1	237.1	235.0	234.0	236.0	234.0
57.5°	232.9	227.8	220.6	218.5	213.3	213.3	210.3	208.2	206.1	208.2	208.2
60°	207.2	199.9	195.8	189.6	185.5	181.4	176.2	175.2	173.1	172.1	171.1
62.5°	180.4	174.2	163.9	154.6	148.4	144.3	142.2	141.2	141.2	140.2	140.2
65°	150.5	136.0	130.9	127.8	126.8	125.7	123.7	122.6	123.7	122.6	123.7
67.5°	117.5	115.4	112.3	110.3	109.2	108.2	108.2	107.2	107.2	107.2	107.2
70°	102.0	96.9	95.9	93.8	93.8	92.8	92.8	92.8	92.8	91.7	93.8
72.5°	84.5	81.4	80.4	79.4	79.4	79.4	78.3	78.3	78.3	77.3	78.3
75°	69.1	68.0	66.0	66.0	64.9	66.0	64.9	64.9	63.9	64.9	64.9
77.5°	55.7	54.6	53.6	53.6	52.6	52.6	52.6	52.6	52.6	52.6	53.6
80°	42.3	41.2	40.2	41.2	40.2	41.2	40.2	40.2	41.2	40.2	40.2
82.5°	30.9	29.9	29.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9
85°	18.6	17.5	17.5	18.6	17.5	18.6	17.5	17.5	17.5	18.6	18.6
87.5°	8.2	9.3	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	9.3
90°	11.1	11.7	12.2	12.8	13.1	13.2	13.5	13.7	14.0	14.2	14.0
92.5°	12.8	13.1	13.3	13.6	13.7	13.8	13.9	14.0	14.1	14.2	14.1
95°	21.1	21.7	22.2	22.8	23.1	23.0	22.9	22.8	22.7	22.6	22.7
97.5°	27.2	27.5	27.9	28.2	28.4	28.5	28.6	28.7	28.8	28.9	28.8
100°	30.8	31.8	32.7	33.6	34.1	34.2	34.5	34.7	35.0	35.2	35.0
102.5°	32.3	33.6	34.9	36.2	36.8	37.0	37.3	37.6	38.0	38.3	38.0
105°	33.3	34.6	35.9	37.2	37.8	38.0	38.5	39.0	39.4	39.9	39.4
107.5°	34.4	35.7	37.0	38.3	38.9	39.1	39.6	40.1	40.5	41.0	40.5
110°	80.2	68.6	56.9	45.2	39.4	39.6	40.1	40.6	41.0	41.5	41.0

TEST NUMBER: P999949

CATALOG NUMBER: SA2XXRDIP-B675D530UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	216.5	166.2	115.9	65.6	40.4	40.6	40.9	41.3	41.6	42.0	41.6
115°	270.0	216.0	161.9	107.9	80.9	76.7	68.3	59.9	51.5	43.1	51.5
117.5°	335.7	319.0	302.3	285.6	277.3	262.0	231.4	200.9	170.3	139.7	170.3
120°	386.3	387.7	389.1	390.5	391.2	383.3	367.6	351.9	336.1	320.4	336.1
122.5°	416.6	417.3	418.0	418.7	419.1	419.2	419.3	419.4	419.5	419.6	419.5
125°	444.6	445.4	446.2	447.0	447.4	447.6	447.9	448.3	448.6	449.0	448.6
127.5°	470.7	471.8	473.0	474.1	474.7	474.8	474.9	475.0	475.2	475.3	475.2
130°	495.5	496.8	498.1	499.4	500.0	499.9	499.8	499.7	499.5	499.4	499.5
132.5°	519.9	521.0	522.0	523.1	523.6	523.5	523.4	523.3	523.2	523.1	523.2
135°	542.6	543.8	544.9	546.1	546.7	546.6	546.3	546.1	545.8	545.6	545.8
137.5°	564.2	565.3	566.5	567.6	568.2	568.0	567.7	567.4	567.0	566.7	567.0
140°	585.0	586.1	587.1	588.2	588.7	588.4	587.8	587.3	586.7	586.1	586.7
142.5°	604.3	605.3	606.2	607.1	607.6	607.3	606.7	606.2	605.6	605.0	605.6
145°	622.1	622.9	623.7	624.5	624.9	624.6	624.0	623.5	622.9	622.3	622.9
147.5°	638.1	638.7	639.3	639.9	640.2	640.0	639.5	639.0	638.6	638.1	638.6
150°	652.4	653.1	653.8	654.5	654.9	654.6	654.0	653.5	652.9	652.3	652.9
152.5°	665.6	666.3	667.0	667.7	668.0	667.6	666.8	665.9	665.1	664.3	665.1
155°	677.1	677.8	678.5	679.2	679.6	679.1	678.2	677.3	676.3	675.4	676.3
157.5°	687.2	688.0	688.9	689.7	690.1	689.6	688.7	687.8	686.8	685.9	686.8
160°	696.0	696.7	697.4	698.1	698.5	698.1	697.3	696.4	695.6	694.8	695.6
162.5°	704.0	704.8	705.7	706.5	706.9	706.4	705.3	704.2	703.2	702.1	703.2
165°	710.3	711.1	712.0	712.8	713.2	712.8	712.0	711.1	710.3	709.5	710.3
167.5°	716.1	716.9	717.7	718.5	718.9	718.4	717.3	716.3	715.2	714.2	715.2
170°	720.3	721.1	722.0	722.8	723.2	722.7	721.6	720.5	719.5	718.4	719.5
172.5°	723.4	724.2	725.1	725.9	726.3	725.8	724.7	723.7	722.6	721.6	722.6
175°	725.5	726.3	727.2	728.0	728.4	727.8	726.7	725.5	724.4	723.2	724.4
177.5°	726.1	726.9	727.7	728.5	728.9	728.4	727.3	726.3	725.2	724.2	725.2
180°	725.8	725.8	725.8	725.8	725.8	725.8	725.8	725.8	725.8	725.8	725.8

TEST NUMBER: P999949

CATALOG NUMBER: SA2XXRDIP-B675D530UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	1483.1	1483.1	1483.1	1483.1	1483.1	1483.1	1483.1	1483.1	1483.1	1483.1	1483.1
2.5°	1563.5	1556.3	1554.2	1556.3	1554.2	1555.3	1548.0	1521.2	1528.5	1517.1	1523.3
5°	1652.1	1646.0	1632.6	1630.5	1628.4	1626.4	1616.1	1592.4	1583.1	1567.6	1566.6
7.5°	1736.7	1736.7	1726.3	1719.1	1709.9	1702.6	1689.2	1654.2	1639.8	1621.2	1610.9
10°	1820.1	1793.3	1804.7	1797.5	1774.8	1770.7	1745.9	1725.3	1697.5	1678.9	1662.4
12.5°	1879.9	1871.7	1861.4	1855.2	1849.0	1835.6	1819.1	1766.5	1752.1	1715.0	1696.5
15°	1877.9	1872.7	1875.8	1875.8	1873.7	1870.6	1857.2	1819.1	1794.4	1758.3	1726.3
17.5°	1776.8	1790.2	1803.6	1812.9	1833.5	1842.8	1855.2	1832.5	1817.0	1786.1	1752.1
20°	1600.6	1633.6	1672.8	1681.0	1699.5	1754.2	1778.9	1798.5	1804.7	1794.4	1766.5
22.5°	1355.3	1383.1	1478.0	1475.9	1502.7	1567.6	1639.8	1698.5	1744.9	1770.7	1760.4
25°	1061.6	1100.7	1151.2	1189.4	1277.0	1373.9	1463.5	1557.3	1637.7	1708.8	1726.3
27.5°	802.9	854.4	894.6	945.1	989.4	1103.8	1219.3	1365.6	1459.4	1594.4	1664.5
30°	649.3	673.0	713.2	736.9	758.6	846.2	977.1	1121.4	1286.3	1441.9	1562.5
32.5°	554.5	571.0	600.9	611.2	633.9	692.6	775.1	907.0	1077.0	1265.6	1424.4
35°	497.8	515.3	521.5	530.8	549.3	586.4	643.1	739.0	892.5	1077.0	1266.7
37.5°	449.4	458.6	476.2	482.3	488.5	516.4	554.5	621.5	723.5	875.0	1085.3
40°	415.4	420.5	429.8	434.9	439.1	458.6	492.7	538.0	613.2	728.7	922.4
42.5°	379.3	385.5	391.6	397.8	403.0	418.4	439.1	482.3	532.8	620.5	760.6
45°	344.2	348.4	355.6	359.7	366.9	379.3	397.8	427.7	473.1	528.7	642.1
47.5°	312.3	317.4	320.5	325.7	330.8	344.2	361.8	381.3	418.4	473.1	555.5
50°	283.4	289.6	293.7	294.8	298.9	311.3	325.7	347.3	371.0	413.3	485.4
52.5°	262.8	263.8	266.9	271.1	270.0	277.2	290.6	307.1	331.9	365.9	418.4
55°	239.1	242.2	244.3	245.3	245.3	251.5	258.7	274.2	293.7	321.6	365.9
57.5°	209.2	212.3	218.5	220.6	223.7	226.7	229.8	240.1	256.6	283.4	319.5
60°	178.3	180.4	186.5	190.7	192.7	201.0	205.1	213.3	222.6	242.2	276.2
62.5°	143.3	145.3	148.4	152.5	156.7	169.0	179.3	187.6	194.8	208.2	236.0
65°	124.7	125.7	127.8	128.8	129.9	135.0	144.3	155.6	169.0	179.3	195.8
67.5°	108.2	109.2	110.3	112.3	113.4	114.4	118.5	121.6	135.0	149.4	161.8
70°	92.8	94.8	95.9	95.9	96.9	98.9	101.0	105.1	109.2	116.5	131.9
72.5°	78.3	79.4	81.4	81.4	81.4	83.5	85.5	87.6	89.7	93.8	100.0
75°	64.9	67.0	67.0	67.0	68.0	68.0	70.1	72.1	74.2	77.3	79.4
77.5°	53.6	53.6	53.6	53.6	54.6	54.6	55.7	57.7	58.7	59.8	61.8
80°	40.2	41.2	41.2	41.2	42.3	42.3	42.3	44.3	45.3	45.3	47.4
82.5°	29.9	29.9	29.9	30.9	29.9	30.9	30.9	32.0	30.9	32.0	33.0
85°	18.6	18.6	18.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	20.6
87.5°	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	10.3	9.3	9.3
90°	13.7	13.5	13.2	13.1	12.8	12.2	11.7	11.1	10.5	9.6	8.6
92.5°	14.0	13.9	13.8	13.7	13.6	13.3	13.1	12.8	12.6	12.2	11.9
95°	22.8	22.9	23.0	23.1	22.8	22.2	21.7	21.1	20.5	19.7	18.9
97.5°	28.7	28.6	28.5	28.4	28.2	27.9	27.5	27.2	26.8	24.9	23.1
100°	34.7	34.5	34.2	34.1	33.6	32.7	31.8	30.8	29.9	27.9	25.9
102.5°	37.6	37.3	37.0	36.8	36.2	34.9	33.6	32.3	31.0	52.2	73.5
105°	39.0	38.5	38.0	37.8	37.2	35.9	34.6	33.3	32.0	63.9	95.7
107.5°	40.1	39.6	39.1	38.9	38.3	37.0	35.7	34.4	33.1	72.4	111.8
110°	40.6	40.1	39.6	39.4	45.2	56.9	68.6	80.2	91.9	125.6	159.4

TEST NUMBER: P999949

CATALOG NUMBER: SA2XXRDIP-B675D530UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	41.3	40.9	40.6	40.4	65.6	115.9	166.2	216.5	266.8	268.8	270.8
115°	59.9	68.3	76.7	80.9	107.9	161.9	216.0	270.0	324.0	321.1	318.2
117.5°	200.9	231.4	262.0	277.3	285.6	302.3	319.0	335.7	352.4	350.4	348.4
120°	351.9	367.6	383.3	391.2	390.5	389.1	387.7	386.3	384.9	382.8	380.7
122.5°	419.4	419.3	419.2	419.1	418.7	418.0	417.3	416.6	415.9	413.6	411.2
125°	448.3	447.9	447.6	447.4	447.0	446.2	445.4	444.6	443.8	441.6	439.4
127.5°	475.0	474.9	474.8	474.7	474.1	473.0	471.8	470.7	469.5	467.7	466.0
130°	499.7	499.8	499.9	500.0	499.4	498.1	496.8	495.5	494.2	492.9	491.6
132.5°	523.3	523.4	523.5	523.6	523.1	522.0	521.0	519.9	518.9	517.6	516.3
135°	546.1	546.3	546.6	546.7	546.1	544.9	543.8	542.6	541.4	540.4	539.3
137.5°	567.4	567.7	568.0	568.2	567.6	566.5	565.3	564.2	563.0	561.8	560.6
140°	587.3	587.8	588.4	588.7	588.2	587.1	586.1	585.0	584.0	582.7	581.4
142.5°	606.2	606.7	607.3	607.6	607.1	606.2	605.3	604.3	603.4	601.9	600.4
145°	623.5	624.0	624.6	624.9	624.5	623.7	622.9	622.1	621.3	619.3	617.3
147.5°	639.0	639.5	640.0	640.2	639.9	639.3	638.7	638.1	637.5	635.5	633.5
150°	653.5	654.0	654.6	654.9	654.5	653.8	653.1	652.4	651.7	649.8	648.0
152.5°	665.9	666.8	667.6	668.0	667.7	667.0	666.3	665.6	664.9	663.1	661.4
155°	677.3	678.2	679.1	679.6	679.2	678.5	677.8	677.1	676.4	675.0	673.6
157.5°	687.8	688.7	689.6	690.1	689.7	688.9	688.0	687.2	686.4	685.4	684.3
160°	696.4	697.3	698.1	698.5	698.1	697.4	696.7	696.0	695.3	694.6	693.9
162.5°	704.2	705.3	706.4	706.9	706.5	705.7	704.8	704.0	703.2	702.6	702.0
165°	711.1	712.0	712.8	713.2	712.8	712.0	711.1	710.3	709.5	709.1	708.8
167.5°	716.3	717.3	718.4	718.9	718.5	717.7	716.9	716.1	715.3	714.9	714.6
170°	720.5	721.6	722.7	723.2	722.8	722.0	721.1	720.3	719.5	719.3	719.0
172.5°	723.7	724.7	725.8	726.3	725.9	725.1	724.2	723.4	722.6	722.4	722.2
175°	725.5	726.7	727.8	728.4	728.0	727.2	726.3	725.5	724.7	724.5	724.3
177.5°	726.3	727.3	728.4	728.9	728.5	727.7	726.9	726.1	725.3	725.2	725.0
180°	725.8	725.8	725.8	725.8	725.8	725.8	725.8	725.8	725.8	725.8	725.8

TEST NUMBER: P999949

CATALOG NUMBER: SA2XXRDIP-B675D530UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
0°	1483.1	1483.1	1483.1	1483.1	1483.1	1483.1	1483.1	1483.1	1483.1	1483.1	1483.1
2.5°	1514.0	1508.9	1508.9	1505.8	1505.8	1489.3	1489.3	1494.4	1488.3	1481.0	1470.7
5°	1553.2	1541.9	1538.8	1534.6	1521.2	1500.6	1492.4	1489.3	1476.9	1461.5	1443.9
7.5°	1590.3	1571.7	1562.5	1553.2	1535.7	1506.8	1490.3	1479.0	1460.4	1436.7	1414.1
10°	1626.4	1602.7	1579.0	1567.6	1542.9	1506.8	1483.1	1464.6	1437.8	1405.8	1373.9
12.5°	1659.4	1609.9	1605.8	1583.1	1547.0	1505.8	1469.7	1442.9	1408.9	1371.8	1334.7
15°	1688.2	1637.7	1613.0	1592.4	1545.0	1493.4	1455.3	1422.3	1377.0	1334.7	1289.3
17.5°	1702.6	1648.0	1631.5	1597.5	1549.1	1482.1	1430.5	1390.4	1340.9	1290.4	1238.8
20°	1717.1	1653.2	1626.4	1602.7	1536.7	1460.4	1402.7	1356.3	1301.7	1241.9	1185.3
22.5°	1724.3	1653.2	1621.2	1588.2	1524.3	1436.7	1368.7	1314.1	1250.2	1189.4	1121.4
25°	1711.9	1647.0	1608.9	1574.8	1502.7	1407.9	1329.5	1267.7	1199.7	1130.6	1061.6
27.5°	1681.0	1632.6	1588.2	1553.2	1472.8	1370.8	1288.3	1218.2	1148.1	1070.8	1000.8
30°	1623.3	1601.6	1566.6	1527.4	1439.8	1337.8	1239.9	1167.7	1090.4	1013.1	940.0
32.5°	1533.6	1552.2	1529.5	1495.5	1400.7	1292.4	1188.3	1115.2	1030.7	947.2	880.2
35°	1424.4	1490.3	1478.0	1454.3	1359.4	1244.0	1139.9	1051.3	966.8	882.2	815.2
37.5°	1304.8	1404.8	1415.1	1400.7	1312.0	1194.5	1080.1	993.6	907.0	821.4	753.4
40°	1140.9	1294.5	1327.5	1333.7	1262.6	1134.8	1015.2	930.7	845.1	761.7	679.2
42.5°	990.5	1184.2	1225.4	1251.2	1199.7	1076.0	955.4	861.6	777.1	701.9	619.4
45°	849.3	1051.3	1118.3	1151.2	1128.6	1009.0	884.3	796.7	719.4	650.3	571.0
47.5°	703.9	907.0	1000.8	1053.3	1053.3	941.0	816.3	729.7	655.5	596.7	526.7
50°	607.1	776.1	873.0	942.0	960.6	871.9	754.4	669.9	599.8	535.9	482.3
52.5°	517.4	668.9	749.3	821.4	875.0	797.7	685.4	609.1	540.1	480.3	438.0
55°	447.3	560.7	633.9	713.2	773.0	722.5	618.4	544.2	484.4	434.9	398.9
57.5°	380.3	479.3	539.0	609.1	673.0	634.9	551.4	487.5	434.9	391.6	359.7
60°	323.6	404.0	450.4	505.0	584.4	557.6	488.5	429.8	387.5	348.4	321.6
62.5°	275.2	339.1	378.3	417.4	489.6	477.2	423.6	378.3	342.2	309.2	286.5
65°	225.7	278.3	309.2	343.2	400.9	406.1	362.8	330.8	297.9	269.0	248.4
67.5°	182.4	223.7	251.5	280.3	326.7	341.1	311.3	284.5	256.6	232.9	214.4
70°	147.4	176.2	196.9	219.5	257.7	275.2	259.7	241.2	218.5	198.9	182.4
72.5°	116.5	135.0	147.4	164.9	195.8	213.3	212.3	195.8	179.3	165.9	152.5
75°	85.5	100.0	110.3	121.6	146.4	162.8	167.0	159.8	143.3	133.0	122.6
77.5°	64.9	73.2	78.3	86.6	104.1	118.5	124.7	122.6	111.3	103.1	95.9
80°	49.5	51.5	53.6	56.7	71.1	84.5	88.6	87.6	81.4	78.3	70.1
82.5°	35.0	36.1	37.1	38.1	43.3	54.6	58.7	60.8	55.7	52.6	45.3
85°	20.6	21.6	21.6	23.7	24.7	27.8	35.0	35.0	34.0	29.9	28.9
87.5°	10.3	10.3	9.3	9.3	10.3	11.3	13.4	15.5	13.4	12.4	11.3
90°	7.7	6.8	6.3	5.7	4.4	3.1	1.8	0.5	1.8	3.1	4.4
92.5°	11.5	11.2	11.0	11.2	11.7	12.2	12.6	13.1	12.6	12.2	11.7
95°	18.0	17.2	16.8	18.7	22.6	26.4	30.3	34.1	30.3	26.4	22.6
97.5°	21.2	19.3	18.4	23.2	32.7	42.3	51.8	61.4	51.8	42.3	32.7
100°	24.0	22.0	21.0	29.0	45.0	61.0	77.0	93.0	77.0	61.0	45.0
102.5°	94.7	116.0	126.6	126.7	126.9	127.2	127.4	127.6	127.4	127.2	126.9
105°	127.6	159.5	175.4	173.6	170.1	166.6	163.1	159.6	163.1	166.6	170.1
107.5°	151.1	190.4	210.1	208.6	205.7	202.8	199.8	196.9	199.8	202.8	205.7
110°	193.1	226.8	243.7	242.5	240.0	237.5	235.1	232.6	235.1	237.5	240.0

TEST NUMBER: P999949

CATALOG NUMBER: SA2XXRDIP-B675D530UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
112.5°	272.7	274.7	275.7	274.7	272.6	270.5	268.4	266.3	268.4	270.5	272.6
115°	315.3	312.4	310.9	309.9	307.9	306.0	304.0	302.0	304.0	306.0	307.9
117.5°	346.5	344.5	343.5	342.3	340.0	337.7	335.3	333.0	335.3	337.7	340.0
120°	378.6	376.5	375.5	374.6	372.9	371.1	369.4	367.6	369.4	371.1	372.9
122.5°	408.9	406.6	405.4	404.5	402.6	400.7	398.9	397.0	398.9	400.7	402.6
125°	437.1	434.9	433.8	433.0	431.5	430.0	428.5	427.0	428.5	430.0	431.5
127.5°	464.2	462.5	461.6	460.8	459.2	457.5	455.9	454.3	455.9	457.5	459.2
130°	490.3	489.0	488.4	487.5	485.6	483.7	481.9	480.0	481.9	483.7	485.6
132.5°	515.0	513.7	513.1	512.3	510.8	509.3	507.8	506.3	507.8	509.3	510.8
135°	538.3	537.2	536.7	535.8	533.9	532.0	530.2	528.3	530.2	532.0	533.9
137.5°	559.5	558.3	557.7	557.0	555.6	554.2	552.8	551.4	552.8	554.2	555.6
140°	580.1	578.8	578.2	577.7	576.8	575.9	574.9	574.0	574.9	575.9	576.8
142.5°	598.9	597.4	596.6	596.2	595.4	594.5	593.7	592.9	593.7	594.5	595.4
145°	615.3	613.3	612.3	612.4	612.5	612.6	612.8	612.9	612.8	612.6	612.5
147.5°	631.6	629.6	628.6	628.8	629.1	629.5	629.8	630.2	629.8	629.5	629.1
150°	646.1	644.2	643.3	643.7	644.5	645.4	646.2	647.0	646.2	645.4	644.5
152.5°	659.6	657.9	657.0	657.5	658.4	659.3	660.3	661.2	660.3	659.3	658.4
155°	672.2	670.8	670.1	670.6	671.7	672.7	673.8	674.8	673.8	672.7	671.7
157.5°	683.3	682.2	681.7	682.2	683.1	684.0	685.0	685.9	685.0	684.0	683.1
160°	693.2	692.5	692.2	692.5	693.2	693.9	694.6	695.3	694.6	693.9	693.2
162.5°	701.5	700.9	700.6	700.9	701.6	702.3	703.0	703.7	703.0	702.3	701.6
165°	708.4	708.1	707.9	708.3	709.0	709.7	710.4	711.1	710.4	709.7	709.0
167.5°	714.2	713.9	713.7	714.0	714.7	715.4	716.1	716.8	716.1	715.4	714.7
170°	718.8	718.5	718.4	718.8	719.5	720.2	720.9	721.6	720.9	720.2	719.5
172.5°	721.9	721.7	721.6	721.9	722.6	723.3	724.0	724.7	724.0	723.3	722.6
175°	724.0	723.8	723.7	724.1	724.9	725.8	726.6	727.4	726.6	725.8	724.9
177.5°	724.9	724.8	724.7	725.1	725.9	726.8	727.6	728.4	727.6	726.8	725.9
180°	725.8	725.8	725.8	725.8	725.8	725.8	725.8	725.8	725.8	725.8	725.8

TEST NUMBER: P999949

CATALOG NUMBER: SA2XXRDIP-B675D530UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
0°	1483.1	1483.1	1483.1	1483.1	1483.1	1483.1	1483.1	1483.1	1483.1	1483.1	1483.1
2.5°	1466.6	1467.7	1470.7	1461.5	1447.0	1440.9	1422.3	1419.2	1416.1	1416.1	1419.2
5°	1433.6	1429.5	1430.5	1413.0	1392.4	1380.0	1354.3	1358.4	1345.0	1336.8	1338.8
7.5°	1397.6	1386.2	1385.2	1362.5	1336.8	1314.1	1287.3	1281.1	1268.7	1254.3	1248.1
10°	1352.2	1344.0	1328.5	1302.7	1269.8	1251.2	1215.1	1193.5	1190.4	1168.8	1160.5
12.5°	1305.8	1291.4	1275.9	1239.9	1202.8	1172.9	1146.1	1122.4	1105.9	1087.3	1075.0
15°	1252.2	1234.7	1217.2	1179.1	1135.8	1105.9	1065.7	1030.7	982.2	944.1	922.4
17.5°	1193.5	1173.9	1150.2	1108.0	1065.7	1024.5	950.3	909.0	875.0	852.4	839.0
20°	1132.7	1111.0	1087.3	1045.1	971.9	899.8	858.5	826.6	806.0	783.3	766.8
22.5°	1068.8	1046.1	1020.3	954.4	877.1	826.6	794.6	764.7	734.9	722.5	714.2
25°	1009.0	988.4	955.4	865.7	804.9	758.6	722.5	702.9	687.4	671.0	655.5
27.5°	947.2	909.0	862.7	787.4	749.3	701.9	676.1	661.7	634.9	623.5	616.3
30°	873.0	830.7	786.4	732.8	688.5	655.5	631.8	608.1	592.6	581.3	568.9
32.5°	797.7	757.5	729.7	674.0	641.1	607.1	584.4	570.0	547.3	540.1	534.9
35°	732.8	698.8	674.0	628.7	597.8	566.9	550.4	528.7	514.3	500.9	492.7
37.5°	668.9	650.3	624.6	586.4	553.5	528.7	506.1	498.8	479.3	472.0	463.8
40°	624.6	596.7	575.1	542.1	514.3	487.5	473.1	456.6	443.2	431.8	428.8
42.5°	571.0	550.4	538.0	501.9	473.1	457.6	440.1	421.5	411.2	402.0	390.6
45°	530.8	512.2	494.7	465.9	440.1	420.5	405.0	392.7	375.2	371.0	353.5
47.5°	488.5	470.0	456.6	427.7	404.0	385.5	374.1	357.6	343.2	333.9	325.7
50°	446.3	430.8	418.4	393.7	373.1	353.5	338.1	321.6	315.4	299.9	294.8
52.5°	406.1	395.8	382.4	358.7	338.1	321.6	305.1	291.7	282.4	274.2	268.0
55°	372.1	355.6	349.4	323.6	306.1	288.6	274.2	265.9	254.6	249.4	244.3
57.5°	333.9	324.7	314.3	294.8	275.2	258.7	248.4	236.0	229.8	223.7	219.5
60°	301.0	287.6	279.3	262.8	245.3	229.8	220.6	211.3	203.0	197.9	189.6
62.5°	262.8	252.5	247.4	229.8	215.4	201.0	192.7	183.5	177.3	168.0	157.7
65°	229.8	221.6	215.4	201.0	187.6	174.2	165.9	154.6	146.4	141.2	140.2
67.5°	201.0	194.8	185.5	172.1	158.7	148.4	139.1	129.9	128.8	126.8	126.8
70°	169.0	162.8	157.7	143.3	131.9	120.6	118.5	115.4	112.3	111.3	109.2
72.5°	141.2	136.0	129.9	117.5	106.2	103.1	101.0	98.9	95.9	94.8	93.8
75°	114.4	107.2	103.1	91.7	88.6	86.6	84.5	81.4	79.4	78.3	76.3
77.5°	87.6	80.4	80.4	74.2	72.1	69.1	67.0	64.9	63.9	61.8	61.8
80°	61.8	61.8	59.8	56.7	53.6	52.6	49.5	48.4	47.4	48.4	46.4
82.5°	45.3	41.2	41.2	39.2	37.1	36.1	34.0	34.0	33.0	33.0	33.0
85°	25.8	25.8	24.7	22.7	21.6	21.6	20.6	20.6	19.6	19.6	18.6
87.5°	10.3	9.3	10.3	9.3	9.3	8.2	8.2	8.2	7.2	8.2	7.2
90°	5.7	6.3	6.8	7.7	8.6	9.6	10.5	11.1	11.7	12.2	12.8
92.5°	11.2	11.0	11.2	11.5	11.9	12.2	12.6	12.8	13.1	13.3	13.6
95°	18.7	16.8	17.2	18.0	18.9	19.7	20.5	21.1	21.7	22.2	22.8
97.5°	23.2	18.4	19.3	21.2	23.1	24.9	26.8	27.2	27.5	27.9	28.2
100°	29.0	21.0	22.0	24.0	25.9	27.9	29.9	30.8	31.8	32.7	33.6
102.5°	126.7	126.6	116.0	94.7	73.5	52.2	31.0	32.3	33.6	34.9	36.2
105°	173.6	175.4	159.5	127.6	95.7	63.9	32.0	33.3	34.6	35.9	37.2
107.5°	208.6	210.1	190.4	151.1	111.8	72.4	33.1	34.4	35.7	37.0	38.3
110°	242.5	243.7	226.8	193.1	159.4	125.6	91.9	80.2	68.6	56.9	45.2

TEST NUMBER: P999949

CATALOG NUMBER: SA2XXRDIP-B675D530UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
112.5°	274.7	275.7	274.7	272.7	270.8	268.8	266.8	216.5	166.2	115.9	65.6
115°	309.9	310.9	312.4	315.3	318.2	321.1	324.0	270.0	216.0	161.9	107.9
117.5°	342.3	343.5	344.5	346.5	348.4	350.4	352.4	335.7	319.0	302.3	285.6
120°	374.6	375.5	376.5	378.6	380.7	382.8	384.9	386.3	387.7	389.1	390.5
122.5°	404.5	405.4	406.6	408.9	411.2	413.6	415.9	416.6	417.3	418.0	418.7
125°	433.0	433.8	434.9	437.1	439.4	441.6	443.8	444.6	445.4	446.2	447.0
127.5°	460.8	461.6	462.5	464.2	466.0	467.7	469.5	470.7	471.8	473.0	474.1
130°	487.5	488.4	489.0	490.3	491.6	492.9	494.2	495.5	496.8	498.1	499.4
132.5°	512.3	513.1	513.7	515.0	516.3	517.6	518.9	519.9	521.0	522.0	523.1
135°	535.8	536.7	537.2	538.3	539.3	540.4	541.4	542.6	543.8	544.9	546.1
137.5°	557.0	557.7	558.3	559.5	560.6	561.8	563.0	564.2	565.3	566.5	567.6
140°	577.7	578.2	578.8	580.1	581.4	582.7	584.0	585.0	586.1	587.1	588.2
142.5°	596.2	596.6	597.4	598.9	600.4	601.9	603.4	604.3	605.3	606.2	607.1
145°	612.4	612.3	613.3	615.3	617.3	619.3	621.3	622.1	622.9	623.7	624.5
147.5°	628.8	628.6	629.6	631.6	633.5	635.5	637.5	638.1	638.7	639.3	639.9
150°	643.7	643.3	644.2	646.1	648.0	649.8	651.7	652.4	653.1	653.8	654.5
152.5°	657.5	657.0	657.9	659.6	661.4	663.1	664.9	665.6	666.3	667.0	667.7
155°	670.6	670.1	670.8	672.2	673.6	675.0	676.4	677.1	677.8	678.5	679.2
157.5°	682.2	681.7	682.2	683.3	684.3	685.4	686.4	687.2	688.0	688.9	689.7
160°	692.5	692.2	692.5	693.2	693.9	694.6	695.3	696.0	696.7	697.4	698.1
162.5°	700.9	700.6	700.9	701.5	702.0	702.6	703.2	704.0	704.8	705.7	706.5
165°	708.3	707.9	708.1	708.4	708.8	709.1	709.5	710.3	711.1	712.0	712.8
167.5°	714.0	713.7	713.9	714.2	714.6	714.9	715.3	716.1	716.9	717.7	718.5
170°	718.8	718.4	718.5	718.8	719.0	719.3	719.5	720.3	721.1	722.0	722.8
172.5°	721.9	721.6	721.7	721.9	722.2	722.4	722.6	723.4	724.2	725.1	725.9
175°	724.1	723.7	723.8	724.0	724.3	724.5	724.7	725.5	726.3	727.2	728.0
177.5°	725.1	724.7	724.8	724.9	725.0	725.2	725.3	726.1	726.9	727.7	728.5
180°	725.8	725.8	725.8	725.8	725.8	725.8	725.8	725.8	725.8	725.8	725.8

TEST NUMBER: P999949

CATALOG NUMBER: SA2XXRDIP-B675D530UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
0°	1483.1	1483.1	1483.1	1483.1	1483.1	1483.1	1483.1	1483.1	1483.1	1483.1	1483.1
2.5°	1419.2	1417.1	1411.0	1413.0	1409.9	1409.9	1407.9	1407.9	1407.9	1413.0	1409.9
5°	1341.9	1334.7	1327.5	1324.4	1321.3	1318.2	1318.2	1317.2	1326.5	1324.4	1332.6
7.5°	1246.1	1244.0	1229.6	1229.6	1224.4	1222.4	1227.5	1228.5	1229.6	1231.6	1236.8
10°	1160.5	1155.4	1134.8	1136.8	1133.7	1129.6	1132.7	1130.6	1137.8	1139.9	1137.8
12.5°	1059.5	1050.2	1027.6	1016.2	1003.9	994.6	1005.9	997.7	1026.5	1034.8	1057.5
15°	925.5	908.0	892.5	892.5	881.2	873.0	878.1	887.4	893.6	902.9	907.0
17.5°	835.9	828.6	816.3	809.1	806.0	802.9	802.9	807.0	820.4	819.4	827.6
20°	759.6	755.5	749.3	740.0	736.9	734.9	734.9	734.9	744.1	752.4	757.5
22.5°	707.0	703.9	699.8	687.4	681.3	679.2	684.4	687.4	694.7	700.8	706.0
25°	654.5	647.3	640.0	635.9	632.8	632.8	634.9	635.9	639.0	642.1	648.3
27.5°	611.2	606.0	595.7	584.4	584.4	581.3	583.4	585.4	592.6	602.9	608.1
30°	562.7	561.7	557.6	553.5	549.3	547.3	551.4	554.5	555.5	560.7	560.7
32.5°	527.7	520.5	513.3	509.1	507.1	506.1	507.1	511.2	511.2	517.4	524.6
35°	492.7	488.5	481.3	474.1	472.0	466.9	471.0	475.1	482.3	485.4	488.5
37.5°	454.5	449.4	446.3	444.2	440.1	441.1	438.0	444.2	450.4	449.4	451.4
40°	425.7	416.4	407.1	406.1	405.0	404.0	404.0	405.0	409.2	413.3	419.5
42.5°	388.6	385.5	377.2	369.0	366.9	364.9	362.8	366.9	375.2	382.4	385.5
45°	350.4	346.3	344.2	338.1	333.9	332.9	330.8	336.0	343.2	346.3	348.4
47.5°	315.4	314.3	308.2	309.2	306.1	307.1	306.1	309.2	309.2	312.3	314.3
50°	291.7	288.6	285.5	283.4	280.3	280.3	279.3	280.3	284.5	288.6	287.6
52.5°	268.0	262.8	261.8	260.8	258.7	260.8	257.7	258.7	262.8	264.9	263.8
55°	240.1	239.1	237.1	235.0	234.0	232.9	232.9	232.9	237.1	240.1	241.2
57.5°	218.5	213.3	209.2	209.2	205.1	204.1	206.1	207.2	210.3	212.3	214.4
60°	188.6	186.5	180.4	177.3	171.1	170.1	170.1	174.2	179.3	186.5	188.6
62.5°	156.7	153.6	152.5	152.5	152.5	152.5	152.5	152.5	152.5	153.6	153.6
65°	139.1	140.2	139.1	138.1	139.1	139.1	138.1	138.1	138.1	139.1	140.2
67.5°	124.7	123.7	124.7	123.7	122.6	122.6	121.6	122.6	123.7	124.7	124.7
70°	108.2	108.2	107.2	108.2	107.2	106.2	105.1	105.1	107.2	108.2	108.2
72.5°	92.8	92.8	91.7	91.7	89.7	89.7	90.7	89.7	89.7	92.8	92.8
75°	77.3	76.3	75.2	75.2	74.2	74.2	74.2	73.2	75.2	75.2	76.3
77.5°	60.8	60.8	60.8	59.8	59.8	58.7	58.7	59.8	59.8	59.8	60.8
80°	46.4	46.4	46.4	45.3	44.3	44.3	44.3	44.3	44.3	45.3	44.3
82.5°	32.0	32.0	32.0	32.0	32.0	30.9	30.9	30.9	32.0	32.0	30.9
85°	19.6	18.6	19.6	19.6	18.6	19.6	18.6	18.6	17.5	17.5	18.6
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°	13.1	13.2	13.5	13.7	14.0	14.2	14.0	13.7	13.5	13.2	13.1
92.5°	13.7	13.8	13.9	14.0	14.1	14.2	14.1	14.0	13.9	13.8	13.7
95°	23.1	23.0	22.9	22.8	22.7	22.6	22.7	22.8	22.9	23.0	23.1
97.5°	28.4	28.5	28.6	28.7	28.8	28.9	28.8	28.7	28.6	28.5	28.4
100°	34.1	34.2	34.5	34.7	35.0	35.2	35.0	34.7	34.5	34.2	34.1
102.5°	36.8	37.0	37.3	37.6	38.0	38.3	38.0	37.6	37.3	37.0	36.8
105°	37.8	38.0	38.5	39.0	39.4	39.9	39.4	39.0	38.5	38.0	37.8
107.5°	38.9	39.1	39.6	40.1	40.5	41.0	40.5	40.1	39.6	39.1	38.9
110°	39.4	39.6	40.1	40.6	41.0	41.5	41.0	40.6	40.1	39.6	39.4

TEST NUMBER: P999949

CATALOG NUMBER: SA2XXRDIP-B675D530UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
112.5°	40.4	40.6	40.9	41.3	41.6	42.0	41.6	41.3	40.9	40.6	40.4
115°	80.9	76.7	68.3	59.9	51.5	43.1	51.5	59.9	68.3	76.7	80.9
117.5°	277.3	262.0	231.4	200.9	170.3	139.7	170.3	200.9	231.4	262.0	277.3
120°	391.2	383.3	367.6	351.9	336.1	320.4	336.1	351.9	367.6	383.3	391.2
122.5°	419.1	419.2	419.3	419.4	419.5	419.6	419.5	419.4	419.3	419.2	419.1
125°	447.4	447.6	447.9	448.3	448.6	449.0	448.6	448.3	447.9	447.6	447.4
127.5°	474.7	474.8	474.9	475.0	475.2	475.3	475.2	475.0	474.9	474.8	474.7
130°	500.0	499.9	499.8	499.7	499.5	499.4	499.5	499.7	499.8	499.9	500.0
132.5°	523.6	523.5	523.4	523.3	523.2	523.1	523.2	523.3	523.4	523.5	523.6
135°	546.7	546.6	546.3	546.1	545.8	545.6	545.8	546.1	546.3	546.6	546.7
137.5°	568.2	568.0	567.7	567.4	567.0	566.7	567.0	567.4	567.7	568.0	568.2
140°	588.7	588.4	587.8	587.3	586.7	586.1	586.7	587.3	587.8	588.4	588.7
142.5°	607.6	607.3	606.7	606.2	605.6	605.0	605.6	606.2	606.7	607.3	607.6
145°	624.9	624.6	624.0	623.5	622.9	622.3	622.9	623.5	624.0	624.6	624.9
147.5°	640.2	640.0	639.5	639.0	638.6	638.1	638.6	639.0	639.5	640.0	640.2
150°	654.9	654.6	654.0	653.5	652.9	652.3	652.9	653.5	654.0	654.6	654.9
152.5°	668.0	667.6	666.8	665.9	665.1	664.3	665.1	665.9	666.8	667.6	668.0
155°	679.6	679.1	678.2	677.3	676.3	675.4	676.3	677.3	678.2	679.1	679.6
157.5°	690.1	689.6	688.7	687.8	686.8	685.9	686.8	687.8	688.7	689.6	690.1
160°	698.5	698.1	697.3	696.4	695.6	694.8	695.6	696.4	697.3	698.1	698.5
162.5°	706.9	706.4	705.3	704.2	703.2	702.1	703.2	704.2	705.3	706.4	706.9
165°	713.2	712.8	712.0	711.1	710.3	709.5	710.3	711.1	712.0	712.8	713.2
167.5°	718.9	718.4	717.3	716.3	715.2	714.2	715.2	716.3	717.3	718.4	718.9
170°	723.2	722.7	721.6	720.5	719.5	718.4	719.5	720.5	721.6	722.7	723.2
172.5°	726.3	725.8	724.7	723.7	722.6	721.6	722.6	723.7	724.7	725.8	726.3
175°	728.4	727.8	726.7	725.5	724.4	723.2	724.4	725.5	726.7	727.8	728.4
177.5°	728.9	728.4	727.3	726.3	725.2	724.2	725.2	726.3	727.3	728.4	728.9
180°	725.8	725.8	725.8	725.8	725.8	725.8	725.8	725.8	725.8	725.8	725.8

TEST NUMBER: P999949

CATALOG NUMBER: SA2XXRDIP-B675D530UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
0°	1483.1	1483.1	1483.1	1483.1	1483.1	1483.1	1483.1	1483.1	1483.1	1483.1	1483.1
2.5°	1413.0	1418.2	1416.1	1404.8	1416.1	1419.2	1425.4	1431.6	1435.7	1441.9	1447.0
5°	1324.4	1334.7	1340.9	1334.7	1355.3	1358.4	1372.8	1381.1	1393.4	1403.8	1412.0
7.5°	1240.9	1249.2	1261.5	1263.6	1275.9	1290.4	1311.0	1331.6	1351.2	1361.5	1370.8
10°	1151.2	1165.7	1184.2	1180.1	1198.7	1221.3	1243.0	1275.9	1292.4	1311.0	1327.5
12.5°	1061.6	1070.8	1095.6	1103.8	1130.6	1148.1	1178.0	1198.7	1239.9	1261.5	1275.9
15°	904.9	943.0	974.0	1011.1	1046.1	1079.1	1105.9	1143.0	1179.1	1195.6	1219.3
17.5°	833.8	851.3	869.9	888.4	933.8	992.5	1039.9	1080.1	1111.0	1132.7	1160.5
20°	759.6	777.1	797.7	815.2	843.1	885.3	944.1	1013.1	1050.2	1072.9	1099.7
22.5°	707.0	723.5	736.9	752.4	774.0	804.9	849.3	934.8	984.3	1012.1	1035.8
25°	650.3	671.0	685.4	696.7	714.2	748.3	784.3	832.8	921.4	943.0	976.0
27.5°	611.2	617.4	633.9	651.4	668.9	687.4	724.5	765.8	825.6	873.0	913.2
30°	564.8	580.3	595.7	602.9	618.4	645.2	667.9	712.2	758.6	795.7	844.1
32.5°	529.8	539.0	549.3	566.9	581.3	599.8	622.5	659.6	698.8	722.5	759.6
35°	490.6	496.8	518.4	525.6	540.1	558.6	581.3	610.1	652.4	671.0	697.8
37.5°	453.5	467.9	474.1	490.6	504.0	522.5	539.0	572.0	599.8	621.5	646.2
40°	424.6	430.8	442.2	456.6	467.9	482.3	503.0	526.7	556.6	574.1	595.7
42.5°	389.6	394.7	409.2	417.4	436.0	449.4	461.7	490.6	517.4	530.8	552.4
45°	351.5	363.8	373.1	389.6	399.9	416.4	431.8	452.5	477.2	492.7	505.0
47.5°	318.5	330.8	340.1	355.6	372.1	379.3	395.8	417.4	440.1	452.5	470.0
50°	291.7	295.8	313.3	320.5	338.1	352.5	363.8	382.4	407.1	414.3	428.8
52.5°	265.9	269.0	280.3	289.6	305.1	317.4	331.9	349.4	370.0	381.3	392.7
55°	243.2	245.3	250.4	260.8	271.1	286.5	299.9	316.4	333.9	346.3	356.6
57.5°	217.5	221.6	225.7	231.9	242.2	256.6	271.1	286.5	301.0	309.2	322.6
60°	187.6	193.8	201.0	208.2	215.4	225.7	242.2	256.6	270.0	277.2	287.6
62.5°	155.6	168.0	174.2	182.4	188.6	197.9	210.3	226.7	236.0	245.3	253.5
65°	140.2	141.2	142.2	150.5	161.8	171.1	182.4	194.8	209.2	215.4	221.6
67.5°	124.7	125.7	127.8	128.8	133.0	143.3	155.6	169.0	180.4	184.5	190.7
70°	109.2	109.2	113.4	114.4	115.4	116.5	126.8	140.2	150.5	155.6	162.8
72.5°	92.8	93.8	95.9	96.9	98.9	101.0	104.1	111.3	123.7	128.8	137.1
75°	76.3	77.3	78.3	79.4	82.5	83.5	86.6	90.7	95.9	102.0	107.2
77.5°	60.8	60.8	61.8	63.9	66.0	67.0	70.1	72.1	74.2	77.3	81.4
80°	45.3	46.4	46.4	48.4	48.4	49.5	50.5	53.6	55.7	57.7	59.8
82.5°	30.9	33.0	33.0	33.0	34.0	35.0	36.1	36.1	38.1	39.2	42.3
85°	18.6	19.6	19.6	19.6	18.6	20.6	20.6	21.6	21.6	21.6	22.7
87.5°	7.2	6.2	7.2	7.2	7.2	8.2	7.2	7.2	8.2	9.3	9.3
90°	12.8	12.2	11.7	11.1	10.5	9.6	8.6	7.7	6.8	6.3	5.7
92.5°	13.6	13.3	13.1	12.8	12.6	12.2	11.9	11.5	11.2	11.0	11.2
95°	22.8	22.2	21.7	21.1	20.5	19.7	18.9	18.0	17.2	16.8	18.7
97.5°	28.2	27.9	27.5	27.2	26.8	24.9	23.1	21.2	19.3	18.4	23.2
100°	33.6	32.7	31.8	30.8	29.9	27.9	25.9	24.0	22.0	21.0	29.0
102.5°	36.2	34.9	33.6	32.3	31.0	52.2	73.5	94.7	116.0	126.6	126.7
105°	37.2	35.9	34.6	33.3	32.0	63.9	95.7	127.6	159.5	175.4	173.6
107.5°	38.3	37.0	35.7	34.4	33.1	72.4	111.8	151.1	190.4	210.1	208.6
110°	45.2	56.9	68.6	80.2	91.9	125.6	159.4	193.1	226.8	243.7	242.5

TEST NUMBER: P999949

CATALOG NUMBER: SA2XXRDIP-B675D530UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
112.5°	65.6	115.9	166.2	216.5	266.8	268.8	270.8	272.7	274.7	275.7	274.7
115°	107.9	161.9	216.0	270.0	324.0	321.1	318.2	315.3	312.4	310.9	309.9
117.5°	285.6	302.3	319.0	335.7	352.4	350.4	348.4	346.5	344.5	343.5	342.3
120°	390.5	389.1	387.7	386.3	384.9	382.8	380.7	378.6	376.5	375.5	374.6
122.5°	418.7	418.0	417.3	416.6	415.9	413.6	411.2	408.9	406.6	405.4	404.5
125°	447.0	446.2	445.4	444.6	443.8	441.6	439.4	437.1	434.9	433.8	433.0
127.5°	474.1	473.0	471.8	470.7	469.5	467.7	466.0	464.2	462.5	461.6	460.8
130°	499.4	498.1	496.8	495.5	494.2	492.9	491.6	490.3	489.0	488.4	487.5
132.5°	523.1	522.0	521.0	519.9	518.9	517.6	516.3	515.0	513.7	513.1	512.3
135°	546.1	544.9	543.8	542.6	541.4	540.4	539.3	538.3	537.2	536.7	535.8
137.5°	567.6	566.5	565.3	564.2	563.0	561.8	560.6	559.5	558.3	557.7	557.0
140°	588.2	587.1	586.1	585.0	584.0	582.7	581.4	580.1	578.8	578.2	577.7
142.5°	607.1	606.2	605.3	604.3	603.4	601.9	600.4	598.9	597.4	596.6	596.2
145°	624.5	623.7	622.9	622.1	621.3	619.3	617.3	615.3	613.3	612.3	612.4
147.5°	639.9	639.3	638.7	638.1	637.5	635.5	633.5	631.6	629.6	628.6	628.8
150°	654.5	653.8	653.1	652.4	651.7	649.8	648.0	646.1	644.2	643.3	643.7
152.5°	667.7	667.0	666.3	665.6	664.9	663.1	661.4	659.6	657.9	657.0	657.5
155°	679.2	678.5	677.8	677.1	676.4	675.0	673.6	672.2	670.8	670.1	670.6
157.5°	689.7	688.9	688.0	687.2	686.4	685.4	684.3	683.3	682.2	681.7	682.2
160°	698.1	697.4	696.7	696.0	695.3	694.6	693.9	693.2	692.5	692.2	692.5
162.5°	706.5	705.7	704.8	704.0	703.2	702.6	702.0	701.5	700.9	700.6	700.9
165°	712.8	712.0	711.1	710.3	709.5	709.1	708.8	708.4	708.1	707.9	708.3
167.5°	718.5	717.7	716.9	716.1	715.3	714.9	714.6	714.2	713.9	713.7	714.0
170°	722.8	722.0	721.1	720.3	719.5	719.3	719.0	718.8	718.5	718.4	718.8
172.5°	725.9	725.1	724.2	723.4	722.6	722.4	722.2	721.9	721.7	721.6	721.9
175°	728.0	727.2	726.3	725.5	724.7	724.5	724.3	724.0	723.8	723.7	724.1
177.5°	728.5	727.7	726.9	726.1	725.3	725.2	725.0	724.9	724.8	724.7	725.1
180°	725.8	725.8	725.8	725.8	725.8	725.8	725.8	725.8	725.8	725.8	725.8

TEST NUMBER: P999949

CATALOG NUMBER: SA2XXRDIP-B675D530UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
0°	1483.1	1483.1	1483.1	1483.1
2.5°	1456.3	1453.2	1471.8	1492.4
5°	1426.4	1431.6	1455.3	1484.1
7.5°	1395.5	1406.8	1434.7	1472.8
10°	1352.2	1372.8	1415.1	1454.3
12.5°	1310.0	1337.8	1378.0	1424.4
15°	1262.6	1293.5	1342.9	1398.6
17.5°	1210.0	1245.0	1302.7	1363.6
20°	1154.3	1200.7	1261.5	1327.5
22.5°	1092.5	1148.1	1211.0	1284.2
25°	1032.7	1093.5	1156.4	1240.9
27.5°	974.0	1033.7	1103.8	1189.4
30°	915.2	969.8	1045.1	1136.8
32.5°	852.4	909.0	988.4	1082.2
35°	794.6	851.3	925.5	1018.3
37.5°	732.8	793.6	864.7	960.6
40°	660.6	731.8	800.8	892.5
42.5°	600.9	676.1	743.1	829.7
45°	553.5	624.6	680.2	764.7
47.5°	509.1	566.9	623.5	701.9
50°	466.9	511.2	570.0	640.0
52.5°	423.6	461.7	512.2	578.2
55°	384.4	420.5	465.9	516.4
57.5°	348.4	374.1	419.5	464.8
60°	308.2	335.0	370.0	408.1
62.5°	274.2	294.8	327.7	359.7
65°	238.1	257.7	282.4	312.3
67.5°	205.1	222.6	242.2	265.9
70°	175.2	188.6	203.0	223.7
72.5°	143.3	157.7	171.1	187.6
75°	117.5	123.7	135.0	146.4
77.5°	90.7	98.9	105.1	114.4
80°	64.9	72.1	74.2	81.4
82.5°	43.3	47.4	51.5	53.6
85°	24.7	26.8	30.9	32.0
87.5°	9.3	10.3	12.4	14.4
90°	4.4	3.1	1.8	0.5
92.5°	11.7	12.2	12.6	13.1
95°	22.6	26.4	30.3	34.1
97.5°	32.7	42.3	51.8	61.4
100°	45.0	61.0	77.0	93.0
102.5°	126.9	127.2	127.4	127.6
105°	170.1	166.6	163.1	159.6
107.5°	205.7	202.8	199.8	196.9
110°	240.0	237.5	235.1	232.6



TEST NUMBER: P999949

CATALOG NUMBER: SA2XXRDIP-B675D530UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
112.5°	272.6	270.5	268.4	266.3
115°	307.9	306.0	304.0	302.0
117.5°	340.0	337.7	335.3	333.0
120°	372.9	371.1	369.4	367.6
122.5°	402.6	400.7	398.9	397.0
125°	431.5	430.0	428.5	427.0
127.5°	459.2	457.5	455.9	454.3
130°	485.6	483.7	481.9	480.0
132.5°	510.8	509.3	507.8	506.3
135°	533.9	532.0	530.2	528.3
137.5°	555.6	554.2	552.8	551.4
140°	576.8	575.9	574.9	574.0
142.5°	595.4	594.5	593.7	592.9
145°	612.5	612.6	612.8	612.9
147.5°	629.1	629.5	629.8	630.2
150°	644.5	645.4	646.2	647.0
152.5°	658.4	659.3	660.3	661.2
155°	671.7	672.7	673.8	674.8
157.5°	683.1	684.0	685.0	685.9
160°	693.2	693.9	694.6	695.3
162.5°	701.6	702.3	703.0	703.7
165°	709.0	709.7	710.4	711.1
167.5°	714.7	715.4	716.1	716.8
170°	719.5	720.2	720.9	721.6
172.5°	722.6	723.3	724.0	724.7
175°	724.9	725.8	726.6	727.4
177.5°	725.9	726.8	727.6	728.4
180°	725.8	725.8	725.8	725.8

(END OF REPORT)