

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: P999948

Luminaire Tested: SA2XXRDIP-B675D530UB2750-4F0-XX-W2A-A_3000K

Issue Date: 5/7/2025

Test Information

Test Method: LM-79-2019
Report Number: P999948
REPORT IS A COMBINATION OF REPORTS P988505 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_3000K
Description: Define 2 Regressed Direct/Indirect Pendant with 3000K BioUP LEDs {m-DER=0.589}
{m-EER=0.647}
Light Source: -
Ballast/Driver: -

Summary

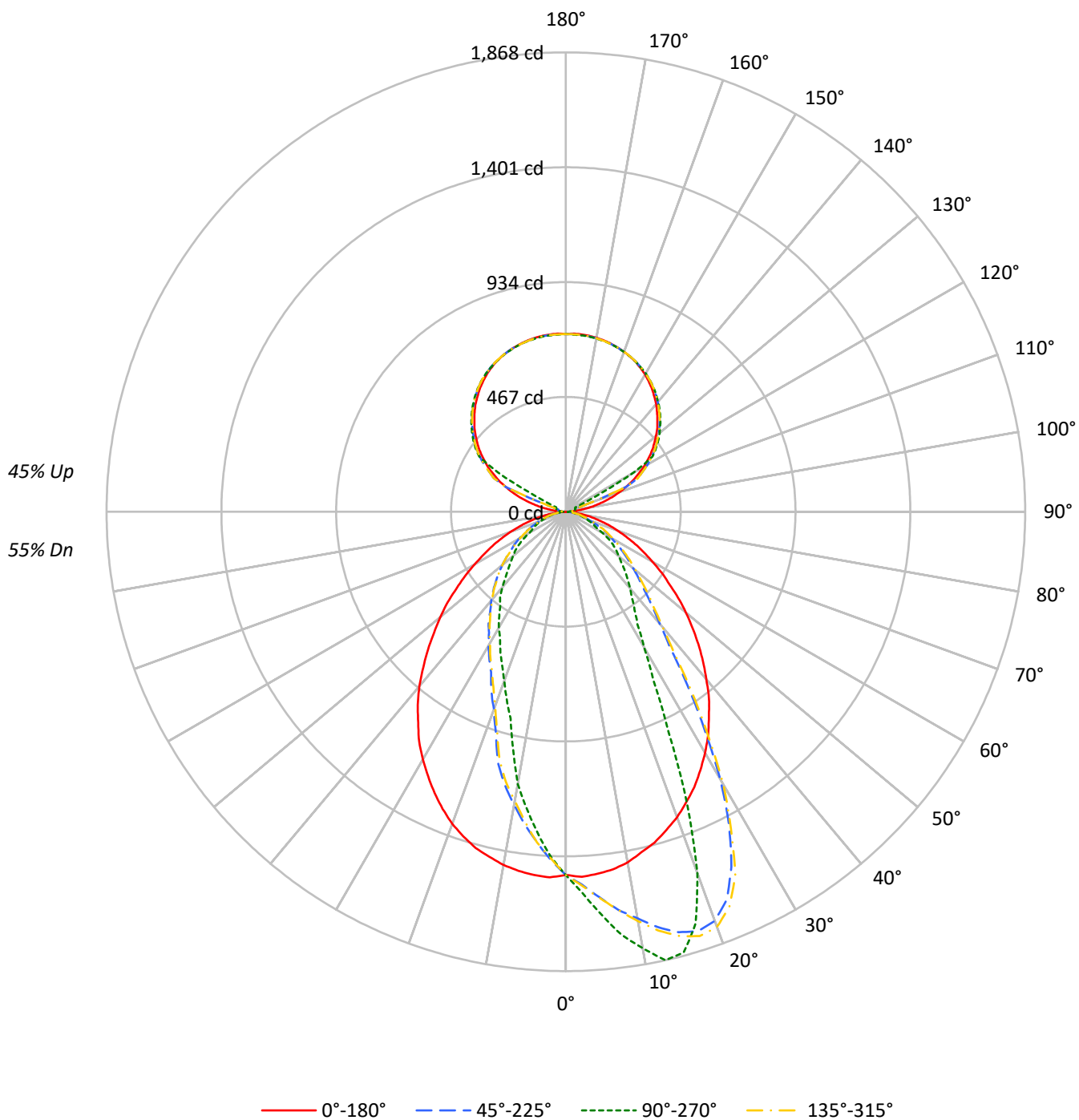
Lumens per Lamp: N/A
Luminaire Lumens: 4672.0 lumens
Efficiency: N/A
Efficacy: 91.1 lumens/watt
Spacing Criteria (0/90/45): 1.16 / 0.85 / 1.01
Luminous Opening: Rectangular w/ Sides (W: 0.17' x L: 4' x H: 0.1')
CIE Type: General Diffuse

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

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 165°

Vertical Angle: 45°

Luminance: 21383 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	140.1	3.0
10°-20°	391.0	8.4
20°-30°	503.2	10.8
30°-40°	477.4	10.2
40°-50°	409.1	8.8
50°-60°	311.6	6.7
60°-70°	196.5	4.2
70°-80°	98.0	2.1
80°-90°	26.5	0.6
90°-100°	23.8	0.5
100°-110°	88.8	1.9
110°-120°	235.6	5.0
120°-130°	390.8	8.4
130°-140°	415.1	8.9
140°-150°	385.8	8.3
150°-160°	310.2	6.6
160°-170°	199.9	4.3
170°-180°	68.8	1.5
0°-30°	1034.2	22.1
0°-40°	1511.6	32.4
0°-60°	2232.3	47.8
0°-90°	2553.3	54.7
90°-120°	348.3	7.5
90°-150°	1539.9	33.0
90°-180°	2119.0	45.4
0°-180°	4672.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1477	1477	1477	1477	1477	
5°	1478	1643	1483	1312	1478	140
15°	1393	1854	1416	869	1393	392
25°	1236	989	1262	630	1236	567
35°	1014	488	1047	465	1014	634
45°	762	339	793	332	762	588
55°	514	235	542	232	514	463
65°	311	122	329	138	311	309
75°	146	65	159	74	146	158
85°	32	18	35	20	32	36
90°	0	14	0	14	0	4
95°	34	22	34	22	34	40
105°	159	40	159	40	159	170
115°	301	43	301	43	301	296
125°	425	447	425	447	425	379
135°	526	543	526	543	526	406
145°	610	620	610	620	610	382
155°	672	672	672	672	672	310
165°	708	706	708	706	708	200
175°	724	720	724	720	724	69
180°	723	723	723	723	723	

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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	1476.7	1476.7	1476.7	1476.7	1476.7	1476.7	1476.7	1476.7	1476.7	1476.7	1476.7
2.5°	1486.0	1492.1	1495.2	1499.3	1508.6	1514.7	1524.0	1526.0	1525.0	1529.1	1517.8
5°	1477.8	1491.1	1503.4	1513.7	1530.1	1540.4	1551.7	1565.0	1568.1	1583.5	1574.2
7.5°	1466.5	1486.0	1503.4	1524.0	1548.6	1561.9	1579.4	1599.9	1609.1	1627.6	1632.7
10°	1448.0	1475.7	1505.5	1527.0	1560.9	1584.5	1600.9	1633.8	1655.3	1683.0	1678.9
12.5°	1418.3	1454.2	1494.2	1530.1	1574.2	1589.6	1620.4	1654.3	1682.0	1707.6	1730.2
15°	1392.6	1433.6	1477.8	1521.9	1572.2	1600.9	1631.7	1675.8	1705.6	1750.7	1770.2
17.5°	1357.7	1410.0	1462.4	1511.6	1571.2	1604.0	1642.0	1685.1	1729.2	1772.3	1787.7
20°	1321.8	1378.2	1434.7	1501.4	1569.1	1600.9	1639.9	1693.3	1736.4	1770.2	1770.2
22.5°	1278.7	1347.4	1412.1	1475.7	1549.6	1595.8	1635.8	1698.4	1729.2	1736.4	1708.7
25°	1235.6	1304.3	1375.1	1454.2	1538.3	1579.4	1624.5	1683.0	1693.3	1664.5	1592.7
27.5°	1184.3	1261.2	1341.3	1426.5	1514.7	1566.0	1607.1	1646.1	1626.6	1549.6	1437.7
30°	1131.9	1215.1	1305.4	1386.4	1493.2	1540.4	1575.3	1586.6	1525.0	1399.8	1255.1
32.5°	1077.5	1158.6	1254.1	1351.5	1459.3	1504.5	1527.0	1497.3	1384.4	1226.3	1049.8
35°	1013.9	1105.3	1204.8	1306.4	1413.1	1447.0	1460.3	1387.5	1242.8	1038.5	863.1
37.5°	956.4	1047.8	1154.5	1258.2	1361.8	1380.3	1366.9	1253.0	1069.3	867.2	695.8
40°	888.7	986.2	1090.9	1206.8	1292.0	1297.2	1264.3	1116.5	888.7	698.9	593.2
42.5°	826.1	924.6	1029.3	1147.3	1212.0	1194.5	1150.4	956.4	742.0	602.4	517.2
45°	761.5	854.9	967.7	1072.4	1118.6	1077.5	1010.8	804.6	622.9	518.2	452.6
47.5°	698.9	786.1	898.0	998.5	1006.7	960.6	881.5	674.2	539.8	455.6	402.3
50°	637.3	724.5	829.2	912.3	904.1	840.5	751.2	586.0	469.0	402.3	358.2
52.5°	575.7	654.7	756.3	822.0	787.1	725.5	637.3	496.7	409.5	351.0	317.1
55°	514.1	588.0	675.3	729.6	674.2	603.4	540.8	425.9	355.1	307.9	282.2
57.5°	462.8	521.3	601.4	634.2	567.5	512.1	457.7	366.4	307.9	274.0	244.2
60°	406.4	459.8	525.4	544.9	476.2	431.0	384.8	309.9	263.7	234.0	214.5
62.5°	358.2	402.3	452.6	452.6	392.0	358.2	323.3	259.6	221.7	198.1	188.8
65°	310.9	342.8	378.7	374.6	323.3	293.5	265.8	214.5	185.7	169.3	160.1
67.5°	264.8	289.4	313.0	298.6	261.7	236.0	210.4	173.4	153.9	142.6	130.3
70°	222.7	242.2	254.5	241.2	204.2	182.7	164.2	139.6	124.2	109.8	102.6
72.5°	186.8	195.0	199.1	182.7	151.9	139.6	126.2	108.8	95.4	88.3	86.2
75°	145.7	152.9	149.8	137.5	111.9	102.6	92.4	80.0	77.0	72.9	70.8
77.5°	113.9	113.9	108.8	97.5	80.0	72.9	68.8	62.6	59.5	58.5	56.4
80°	81.1	80.0	77.0	64.7	54.4	50.3	50.3	46.2	45.2	43.1	43.1
82.5°	53.4	53.4	49.3	39.0	35.9	34.9	33.9	31.8	31.8	30.8	30.8
85°	31.8	29.8	24.6	21.6	20.5	20.5	19.5	18.5	19.5	18.5	18.5
87.5°	14.4	11.3	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2
90°	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°	34.0	30.2	26.3	22.5	18.6	16.7	17.1	17.9	18.8	19.6	20.4
97.5°	61.2	51.7	42.1	32.6	23.1	18.3	19.2	21.1	23.0	24.8	26.7
100°	92.6	76.7	60.7	44.8	28.9	20.9	21.9	23.9	25.8	27.8	29.8
102.5°	127.1	126.9	126.6	126.4	126.1	126.0	115.4	94.3	73.2	52.0	30.9
105°	159.0	162.5	166.0	169.5	173.0	174.7	158.8	127.1	95.4	63.6	31.9
107.5°	196.1	199.0	201.9	204.8	207.7	209.2	189.6	150.4	111.3	72.1	32.9
110°	231.7	234.1	236.5	239.0	241.4	242.6	225.8	192.2	158.7	125.1	91.5

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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	265.1	267.2	269.3	271.4	273.5	274.5	273.5	271.6	269.6	267.7	265.7
115°	300.7	302.7	304.7	306.6	308.6	309.6	311.1	314.0	316.9	319.8	322.7
117.5°	331.5	333.8	336.2	338.5	340.8	342.0	343.0	345.0	346.9	348.9	350.9
120°	366.1	367.8	369.6	371.3	373.0	373.9	374.9	377.0	379.1	381.2	383.3
122.5°	395.3	397.2	399.0	400.9	402.8	403.7	404.9	407.2	409.5	411.9	414.2
125°	425.2	426.7	428.2	429.7	431.2	432.0	433.1	435.3	437.5	439.7	441.9
127.5°	452.3	453.9	455.6	457.2	458.9	459.7	460.6	462.3	464.0	465.8	467.5
130°	478.0	479.8	481.7	483.5	485.4	486.3	486.9	488.2	489.5	490.8	492.1
132.5°	504.1	505.6	507.1	508.6	510.1	510.9	511.5	512.8	514.1	515.4	516.7
135°	526.1	527.9	529.8	531.6	533.5	534.4	534.9	536.0	537.1	538.1	539.2
137.5°	549.1	550.5	551.9	553.3	554.7	555.4	556.0	557.1	558.3	559.4	560.6
140°	571.6	572.5	573.5	574.4	575.3	575.8	576.4	577.7	579.0	580.2	581.5
142.5°	590.4	591.2	592.0	592.9	593.7	594.1	594.9	596.4	597.9	599.4	600.9
145°	610.3	610.2	610.1	610.0	609.9	609.8	610.8	612.7	614.7	616.6	618.6
147.5°	627.5	627.2	626.8	626.5	626.2	626.0	627.0	629.0	630.9	632.9	634.9
150°	644.3	643.5	642.7	641.8	641.0	640.6	641.5	643.4	645.3	647.1	649.0
152.5°	658.4	657.5	656.5	655.6	654.7	654.2	655.1	656.8	658.5	660.3	662.0
155°	672.0	671.0	669.9	668.9	667.8	667.3	668.0	669.4	670.8	672.2	673.6
157.5°	683.0	682.1	681.1	680.2	679.3	678.8	679.3	680.4	681.4	682.5	683.5
160°	692.4	691.7	691.0	690.3	689.6	689.2	689.6	690.3	691.0	691.7	692.4
162.5°	700.7	700.0	699.3	698.6	697.9	697.6	697.9	698.5	699.0	699.6	700.2
165°	708.1	707.4	706.7	706.0	705.3	704.9	705.1	705.4	705.8	706.1	706.5
167.5°	713.8	713.1	712.4	711.7	711.0	710.7	710.9	711.2	711.5	711.9	712.2
170°	718.5	717.8	717.1	716.4	715.7	715.4	715.5	715.7	716.0	716.2	716.4
172.5°	721.7	721.0	720.3	719.6	718.9	718.5	718.6	718.9	719.1	719.4	719.6
175°	724.3	723.5	722.7	721.8	721.0	720.6	720.7	721.0	721.2	721.5	721.7
177.5°	725.3	724.5	723.7	722.9	722.1	721.7	721.8	721.9	722.0	722.1	722.2
180°	722.7	722.7	722.7	722.7	722.7	722.7	722.7	722.7	722.7	722.7	722.7

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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	1476.7	1476.7	1476.7	1476.7	1476.7	1476.7	1476.7	1476.7	1476.7	1476.7	1476.7
2.5°	1529.1	1531.1	1534.2	1548.6	1550.6	1554.7	1552.7	1552.7	1553.7	1551.7	1552.7
5°	1594.8	1597.8	1613.2	1630.7	1634.8	1630.7	1635.8	1643.0	1643.0	1643.0	1640.9
7.5°	1656.3	1667.6	1685.1	1710.7	1715.9	1721.0	1730.2	1724.1	1726.1	1735.4	1732.3
10°	1715.9	1732.3	1751.8	1773.3	1784.6	1791.8	1795.9	1805.1	1826.7	1802.1	1811.3
12.5°	1772.3	1795.9	1816.4	1840.0	1848.2	1857.5	1860.6	1868.8	1868.8	1867.7	1874.9
15°	1809.2	1830.8	1849.3	1864.7	1866.7	1864.7	1862.6	1863.6	1866.7	1854.4	1861.6
17.5°	1817.5	1819.5	1825.7	1819.5	1820.5	1799.0	1786.7	1783.6	1754.9	1755.9	1779.5
20°	1777.4	1742.5	1733.3	1699.4	1678.9	1623.5	1621.4	1606.1	1545.5	1564.0	1559.9
22.5°	1667.6	1608.1	1529.1	1490.1	1470.6	1412.1	1366.9	1335.1	1313.6	1292.0	1282.8
25°	1522.9	1426.5	1314.6	1237.6	1226.3	1172.0	1088.8	1049.8	1003.7	989.3	1013.9
27.5°	1336.2	1211.0	1084.7	966.7	945.2	895.9	853.8	826.1	772.8	769.7	771.7
30°	1082.7	956.4	850.7	773.8	720.4	697.8	670.1	649.6	628.1	636.3	638.3
32.5°	889.7	769.7	671.2	630.1	605.5	591.1	567.5	554.2	544.9	541.8	540.8
35°	707.1	627.0	582.9	542.9	528.5	518.2	500.8	494.6	486.4	487.5	487.5
37.5°	605.5	538.8	505.9	485.4	472.1	466.9	455.6	449.5	444.4	442.3	445.4
40°	522.4	476.2	455.6	437.2	425.9	423.8	417.7	410.5	404.3	405.4	408.4
42.5°	461.8	435.1	410.5	396.1	387.9	384.8	379.7	374.6	374.6	371.5	370.5
45°	413.6	392.0	371.5	358.2	353.0	348.9	342.8	341.7	337.6	338.7	339.7
47.5°	370.5	353.0	337.6	324.3	319.2	318.1	312.0	307.9	307.9	306.8	305.8
50°	331.5	314.0	300.7	293.5	286.3	284.3	283.2	282.2	280.2	280.2	281.2
52.5°	299.7	282.2	272.0	265.8	261.7	259.6	259.6	258.6	258.6	258.6	257.6
55°	264.8	250.4	242.2	240.1	238.1	237.1	236.0	234.0	233.0	235.0	233.0
57.5°	231.9	226.8	219.6	217.6	212.4	212.4	209.4	207.3	205.2	207.3	207.3
60°	206.3	199.1	195.0	188.8	184.7	180.6	175.5	174.5	172.4	171.4	170.4
62.5°	179.6	173.4	163.2	153.9	147.8	143.7	141.6	140.6	140.6	139.6	139.6
65°	149.8	135.5	130.3	127.3	126.2	125.2	123.1	122.1	123.1	122.1	123.1
67.5°	117.0	114.9	111.9	109.8	108.8	107.8	107.8	106.7	106.7	106.7	106.7
70°	101.6	96.5	95.4	93.4	93.4	92.4	92.4	92.4	92.4	91.3	93.4
72.5°	84.2	81.1	80.0	79.0	79.0	79.0	78.0	78.0	78.0	77.0	78.0
75°	68.8	67.7	65.7	65.7	64.7	65.7	64.7	64.7	63.6	64.7	64.7
77.5°	55.4	54.4	53.4	53.4	52.3	52.3	52.3	52.3	52.3	52.3	53.4
80°	42.1	41.0	40.0	41.0	40.0	41.0	40.0	40.0	41.0	40.0	40.0
82.5°	30.8	29.8	29.8	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7
85°	18.5	17.4	17.4	18.5	17.4	18.5	17.4	17.4	17.4	18.5	18.5
87.5°	8.2	9.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	9.2
90°	11.1	11.7	12.2	12.8	13.1	13.2	13.4	13.7	13.9	14.1	13.9
92.5°	12.8	13.0	13.3	13.5	13.6	13.7	13.8	13.9	14.0	14.1	14.0
95°	21.0	21.6	22.1	22.7	23.0	22.9	22.8	22.7	22.6	22.5	22.6
97.5°	27.0	27.4	27.7	28.0	28.2	28.3	28.4	28.5	28.7	28.8	28.7
100°	30.7	31.7	32.6	33.5	34.0	34.1	34.3	34.6	34.8	35.0	34.8
102.5°	32.2	33.4	34.7	36.0	36.6	36.8	37.1	37.5	37.8	38.2	37.8
105°	33.2	34.5	35.8	37.1	37.7	37.9	38.4	38.8	39.3	39.7	39.3
107.5°	34.2	35.5	36.8	38.1	38.7	38.9	39.4	39.9	40.3	40.8	40.3
110°	79.9	68.3	56.6	45.0	39.2	39.4	39.9	40.4	40.8	41.3	40.8

TEST NUMBER: P999948

CATALOG NUMBER: SA2XXRDIP-B675D530UB2750-4F0-XX-W2A-A_3000K

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	215.6	165.5	115.4	65.3	40.3	40.5	40.8	41.1	41.5	41.8	41.5
115°	268.9	215.1	161.2	107.4	80.5	76.3	68.0	59.6	51.3	42.9	51.3
117.5°	334.3	317.7	301.0	284.4	276.1	260.9	230.4	200.0	169.5	139.1	169.5
120°	384.7	386.1	387.5	388.9	389.6	381.8	366.1	350.4	334.7	319.0	334.7
122.5°	414.9	415.6	416.3	417.0	417.3	417.4	417.5	417.6	417.7	417.8	417.7
125°	442.7	443.5	444.3	445.1	445.5	445.7	446.0	446.4	446.7	447.1	446.7
127.5°	468.7	469.8	471.0	472.1	472.7	472.8	472.9	473.0	473.2	473.3	473.2
130°	493.4	494.6	495.9	497.2	497.8	497.7	497.6	497.5	497.4	497.3	497.4
132.5°	517.7	518.8	519.8	520.9	521.4	521.3	521.2	521.1	521.0	520.9	521.0
135°	540.4	541.5	542.7	543.8	544.4	544.3	544.0	543.8	543.5	543.3	543.5
137.5°	561.8	562.9	564.1	565.2	565.8	565.6	565.3	565.0	564.6	564.3	564.6
140°	582.5	583.6	584.6	585.7	586.2	585.9	585.3	584.8	584.2	583.6	584.2
142.5°	601.8	602.7	603.6	604.5	605.0	604.7	604.1	603.6	603.0	602.4	603.0
145°	619.4	620.2	621.1	621.9	622.3	622.0	621.4	620.9	620.3	619.7	620.3
147.5°	635.5	636.1	636.6	637.2	637.5	637.3	636.8	636.3	635.9	635.4	635.9
150°	649.7	650.4	651.1	651.8	652.1	651.8	651.2	650.7	650.1	649.5	650.1
152.5°	662.7	663.4	664.1	664.8	665.2	664.8	664.0	663.1	662.3	661.5	662.3
155°	674.3	675.0	675.7	676.4	676.7	676.2	675.3	674.4	673.4	672.5	673.4
157.5°	684.3	685.1	685.9	686.7	687.1	686.6	685.7	684.8	683.9	683.0	683.9
160°	693.1	693.8	694.5	695.2	695.5	695.1	694.3	693.5	692.7	691.9	692.7
162.5°	701.0	701.8	702.7	703.5	703.9	703.4	702.3	701.3	700.2	699.2	700.2
165°	707.3	708.1	709.0	709.8	710.2	709.8	709.0	708.1	707.3	706.5	707.3
167.5°	713.0	713.8	714.7	715.5	715.9	715.4	714.3	713.3	712.2	711.2	712.2
170°	717.2	718.0	718.9	719.7	720.1	719.6	718.5	717.5	716.4	715.4	716.4
172.5°	720.4	721.2	722.0	722.8	723.2	722.7	721.6	720.6	719.5	718.5	719.5
175°	722.5	723.3	724.1	724.9	725.3	724.7	723.6	722.4	721.3	720.1	721.3
177.5°	723.0	723.8	724.6	725.4	725.8	725.3	724.2	723.2	722.1	721.1	722.1
180°	722.7	722.7	722.7	722.7	722.7	722.7	722.7	722.7	722.7	722.7	722.7

TEST NUMBER: P999948

CATALOG NUMBER: SA2XXRDIP-B675D530UB2750-4F0-XX-W2A-A_3000K

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	1476.7	1476.7	1476.7	1476.7	1476.7	1476.7	1476.7	1476.7	1476.7	1476.7	1476.7
2.5°	1556.8	1549.6	1547.6	1549.6	1547.6	1548.6	1541.4	1514.7	1521.9	1510.6	1516.8
5°	1645.0	1638.9	1625.5	1623.5	1621.4	1619.4	1609.1	1585.5	1576.3	1560.9	1559.9
7.5°	1729.2	1729.2	1718.9	1711.8	1702.5	1695.3	1682.0	1647.1	1632.7	1614.3	1604.0
10°	1812.3	1785.6	1796.9	1789.7	1767.2	1763.1	1738.4	1717.9	1690.2	1671.7	1655.3
12.5°	1871.8	1863.6	1853.4	1847.2	1841.1	1827.7	1811.3	1759.0	1744.6	1707.6	1689.2
15°	1869.8	1864.7	1867.7	1867.7	1865.7	1862.6	1849.3	1811.3	1786.7	1750.7	1718.9
17.5°	1769.2	1782.6	1795.9	1805.1	1825.7	1834.9	1847.2	1824.6	1809.2	1778.5	1744.6
20°	1593.7	1626.6	1665.6	1673.8	1692.3	1746.6	1771.3	1790.8	1796.9	1786.7	1759.0
22.5°	1349.5	1377.2	1471.6	1469.6	1496.2	1560.9	1632.7	1691.2	1737.4	1763.1	1752.8
25°	1057.0	1096.0	1146.3	1184.3	1271.5	1368.0	1457.2	1550.6	1630.7	1701.5	1718.9
27.5°	799.4	850.7	890.8	941.1	985.2	1099.1	1214.0	1359.8	1453.1	1587.6	1657.4
30°	646.5	670.1	710.2	733.8	755.3	842.5	972.9	1116.5	1280.7	1435.7	1555.8
32.5°	552.1	568.5	598.3	608.6	631.1	689.6	771.7	903.1	1072.4	1260.2	1418.3
35°	495.7	513.1	519.3	528.5	547.0	583.9	640.4	735.8	888.7	1072.4	1261.2
37.5°	447.4	456.7	474.1	480.3	486.4	514.1	552.1	618.8	720.4	871.3	1080.6
40°	413.6	418.7	427.9	433.1	437.2	456.7	490.5	535.7	610.6	725.5	918.5
42.5°	377.7	383.8	390.0	396.1	401.3	416.6	437.2	480.3	530.6	617.8	757.4
45°	342.8	346.9	354.0	358.2	365.3	377.7	396.1	425.9	471.0	526.5	639.3
47.5°	310.9	316.1	319.2	324.3	329.4	342.8	360.2	379.7	416.6	471.0	553.1
50°	282.2	288.4	292.5	293.5	297.6	309.9	324.3	345.8	369.4	411.5	483.4
52.5°	261.7	262.7	265.8	269.9	268.9	276.1	289.4	305.8	330.4	364.3	416.6
55°	238.1	241.2	243.2	244.2	244.2	250.4	257.6	273.0	292.5	320.2	364.3
57.5°	208.3	211.4	217.6	219.6	222.7	225.8	228.8	239.1	255.5	282.2	318.1
60°	177.5	179.6	185.7	189.9	191.9	200.1	204.2	212.4	221.7	241.2	275.0
62.5°	142.6	144.7	147.8	151.9	156.0	168.3	178.6	186.8	194.0	207.3	235.0
65°	124.2	125.2	127.3	128.3	129.3	134.4	143.7	155.0	168.3	178.6	195.0
67.5°	107.8	108.8	109.8	111.9	112.9	113.9	118.0	121.1	134.4	148.8	161.1
70°	92.4	94.4	95.4	95.4	96.5	98.5	100.6	104.7	108.8	116.0	131.4
72.5°	78.0	79.0	81.1	81.1	81.1	83.1	85.2	87.2	89.3	93.4	99.5
75°	64.7	66.7	66.7	66.7	67.7	67.7	69.8	71.8	73.9	77.0	79.0
77.5°	53.4	53.4	53.4	53.4	54.4	54.4	55.4	57.5	58.5	59.5	61.6
80°	40.0	41.0	41.0	41.0	42.1	42.1	42.1	44.1	45.2	45.2	47.2
82.5°	29.8	29.8	29.8	30.8	29.8	30.8	30.8	31.8	30.8	31.8	32.8
85°	18.5	18.5	18.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	20.5
87.5°	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	10.3	9.2	9.2
90°	13.7	13.4	13.2	13.1	12.8	12.2	11.7	11.1	10.5	9.6	8.6
92.5°	13.9	13.8	13.7	13.6	13.5	13.3	13.0	12.8	12.6	12.2	11.9
95°	22.7	22.8	22.9	23.0	22.7	22.1	21.6	21.0	20.4	19.6	18.8
97.5°	28.5	28.4	28.3	28.2	28.0	27.7	27.4	27.0	26.7	24.8	23.0
100°	34.6	34.3	34.1	34.0	33.5	32.6	31.7	30.7	29.8	27.8	25.8
102.5°	37.5	37.1	36.8	36.6	36.0	34.7	33.4	32.2	30.9	52.0	73.2
105°	38.8	38.4	37.9	37.7	37.1	35.8	34.5	33.2	31.9	63.6	95.4
107.5°	39.9	39.4	38.9	38.7	38.1	36.8	35.5	34.2	32.9	72.1	111.3
110°	40.4	39.9	39.4	39.2	45.0	56.6	68.3	79.9	91.5	125.1	158.7

TEST NUMBER: P999948

CATALOG NUMBER: SA2XXRDIP-B675D530UB2750-4F0-XX-W2A-A_3000K

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	41.1	40.8	40.5	40.3	65.3	115.4	165.5	215.6	265.7	267.7	269.6
115°	59.6	68.0	76.3	80.5	107.4	161.2	215.1	268.9	322.7	319.8	316.9
117.5°	200.0	230.4	260.9	276.1	284.4	301.0	317.7	334.3	350.9	348.9	346.9
120°	350.4	366.1	381.8	389.6	388.9	387.5	386.1	384.7	383.3	381.2	379.1
122.5°	417.6	417.5	417.4	417.3	417.0	416.3	415.6	414.9	414.2	411.9	409.5
125°	446.4	446.0	445.7	445.5	445.1	444.3	443.5	442.7	441.9	439.7	437.5
127.5°	473.0	472.9	472.8	472.7	472.1	471.0	469.8	468.7	467.5	465.8	464.0
130°	497.5	497.6	497.7	497.8	497.2	495.9	494.6	493.4	492.1	490.8	489.5
132.5°	521.1	521.2	521.3	521.4	520.9	519.8	518.8	517.7	516.7	515.4	514.1
135°	543.8	544.0	544.3	544.4	543.8	542.7	541.5	540.4	539.2	538.1	537.1
137.5°	565.0	565.3	565.6	565.8	565.2	564.1	562.9	561.8	560.6	559.4	558.3
140°	584.8	585.3	585.9	586.2	585.7	584.6	583.6	582.5	581.5	580.2	579.0
142.5°	603.6	604.1	604.7	605.0	604.5	603.6	602.7	601.8	600.9	599.4	597.9
145°	620.9	621.4	622.0	622.3	621.9	621.1	620.2	619.4	618.6	616.6	614.7
147.5°	636.3	636.8	637.3	637.5	637.2	636.6	636.1	635.5	634.9	632.9	630.9
150°	650.7	651.2	651.8	652.1	651.8	651.1	650.4	649.7	649.0	647.1	645.3
152.5°	663.1	664.0	664.8	665.2	664.8	664.1	663.4	662.7	662.0	660.3	658.5
155°	674.4	675.3	676.2	676.7	676.4	675.7	675.0	674.3	673.6	672.2	670.8
157.5°	684.8	685.7	686.6	687.1	686.7	685.9	685.1	684.3	683.5	682.5	681.4
160°	693.5	694.3	695.1	695.5	695.2	694.5	693.8	693.1	692.4	691.7	691.0
162.5°	701.3	702.3	703.4	703.9	703.5	702.7	701.8	701.0	700.2	699.6	699.0
165°	708.1	709.0	709.8	710.2	709.8	709.0	708.1	707.3	706.5	706.1	705.8
167.5°	713.3	714.3	715.4	715.9	715.5	714.7	713.8	713.0	712.2	711.9	711.5
170°	717.5	718.5	719.6	720.1	719.7	718.9	718.0	717.2	716.4	716.2	716.0
172.5°	720.6	721.6	722.7	723.2	722.8	722.0	721.2	720.4	719.6	719.4	719.1
175°	722.4	723.6	724.7	725.3	724.9	724.1	723.3	722.5	721.7	721.5	721.2
177.5°	723.2	724.2	725.3	725.8	725.4	724.6	723.8	723.0	722.2	722.1	722.0
180°	722.7	722.7	722.7	722.7	722.7	722.7	722.7	722.7	722.7	722.7	722.7

TEST NUMBER: P999948

CATALOG NUMBER: SA2XXRDIP-B675D530UB2750-4F0-XX-W2A-A_3000K

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
0°	1476.7	1476.7	1476.7	1476.7	1476.7	1476.7	1476.7	1476.7	1476.7	1476.7	1476.7
2.5°	1507.5	1502.4	1502.4	1499.3	1499.3	1482.9	1482.9	1488.0	1481.9	1474.7	1464.4
5°	1546.5	1535.2	1532.2	1528.1	1514.7	1494.2	1486.0	1482.9	1470.6	1455.2	1437.7
7.5°	1583.5	1565.0	1555.8	1546.5	1529.1	1500.3	1483.9	1472.6	1454.2	1430.6	1408.0
10°	1619.4	1595.8	1572.2	1560.9	1536.3	1500.3	1476.7	1458.3	1431.6	1399.8	1368.0
12.5°	1652.2	1603.0	1598.9	1576.3	1540.4	1499.3	1463.4	1436.7	1402.9	1365.9	1329.0
15°	1681.0	1630.7	1606.1	1585.5	1538.3	1487.0	1449.0	1416.2	1371.0	1329.0	1283.8
17.5°	1695.3	1640.9	1624.5	1590.7	1542.4	1475.7	1424.4	1384.4	1335.1	1284.8	1233.5
20°	1709.7	1646.1	1619.4	1595.8	1530.1	1454.2	1396.7	1350.5	1296.1	1236.6	1180.2
22.5°	1716.9	1646.1	1614.3	1581.4	1517.8	1430.6	1362.8	1308.4	1244.8	1184.3	1116.5
25°	1704.6	1639.9	1601.9	1568.1	1496.2	1401.8	1323.8	1262.3	1194.5	1125.8	1057.0
27.5°	1673.8	1625.5	1581.4	1546.5	1466.5	1364.9	1282.8	1213.0	1143.2	1066.3	996.5
30°	1616.3	1594.8	1559.9	1520.9	1433.6	1332.0	1234.6	1162.7	1085.8	1008.8	935.9
32.5°	1527.0	1545.5	1522.9	1489.1	1394.6	1286.9	1183.2	1110.4	1026.2	943.1	876.4
35°	1418.3	1483.9	1471.6	1448.0	1353.6	1238.7	1135.0	1046.8	962.6	878.5	811.7
37.5°	1299.2	1398.8	1409.0	1394.6	1306.4	1189.4	1075.5	989.3	903.1	817.9	750.2
40°	1136.0	1288.9	1321.8	1327.9	1257.1	1129.9	1010.8	926.7	841.5	758.4	676.3
42.5°	986.2	1179.1	1220.2	1245.8	1194.5	1071.4	951.3	857.9	773.8	698.9	616.8
45°	845.6	1046.8	1113.5	1146.3	1123.7	1004.7	880.5	793.3	716.3	647.6	568.5
47.5°	700.9	903.1	996.5	1048.8	1048.8	936.9	812.8	726.6	652.7	594.2	524.4
50°	604.4	772.8	869.2	938.0	956.4	868.2	751.2	667.0	597.3	533.6	480.3
52.5°	515.2	666.0	746.1	817.9	871.3	794.3	682.4	606.5	537.7	478.2	436.1
55°	445.4	558.3	631.1	710.2	769.7	719.4	615.7	541.8	482.3	433.1	397.2
57.5°	378.7	477.2	536.7	606.5	670.1	632.2	549.0	485.4	433.1	390.0	358.2
60°	322.2	402.3	448.5	502.9	581.9	555.2	486.4	427.9	385.9	346.9	320.2
62.5°	274.0	337.6	376.6	415.6	487.5	475.1	421.8	376.6	340.7	307.9	285.3
65°	224.7	277.1	307.9	341.7	399.2	404.3	361.2	329.4	296.6	267.8	247.3
67.5°	181.6	222.7	250.4	279.1	325.3	339.7	309.9	283.2	255.5	231.9	213.5
70°	146.8	175.5	196.0	218.6	256.6	274.0	258.6	240.1	217.6	198.1	181.6
72.5°	116.0	134.4	146.8	164.2	195.0	212.4	211.4	195.0	178.6	165.2	151.9
75°	85.2	99.5	109.8	121.1	145.7	162.1	166.2	159.1	142.6	132.4	122.1
77.5°	64.7	72.9	78.0	86.2	103.6	118.0	124.2	122.1	110.8	102.6	95.4
80°	49.3	51.3	53.4	56.4	70.8	84.2	88.3	87.2	81.1	78.0	69.8
82.5°	34.9	35.9	36.9	38.0	43.1	54.4	58.5	60.5	55.4	52.3	45.2
85°	20.5	21.6	21.6	23.6	24.6	27.7	34.9	34.9	33.9	29.8	28.7
87.5°	10.3	10.3	9.2	9.2	10.3	11.3	13.3	15.4	13.3	12.3	11.3
90°	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°	17.9	17.1	16.7	18.6	22.5	26.3	30.2	34.0	30.2	26.3	22.5
97.5°	21.1	19.2	18.3	23.1	32.6	42.1	51.7	61.2	51.7	42.1	32.6
100°	23.9	21.9	20.9	28.9	44.8	60.7	76.7	92.6	76.7	60.7	44.8
102.5°	94.3	115.4	126.0	126.1	126.4	126.6	126.9	127.1	126.9	126.6	126.4
105°	127.1	158.8	174.7	173.0	169.5	166.0	162.5	159.0	162.5	166.0	169.5
107.5°	150.4	189.6	209.2	207.7	204.8	201.9	199.0	196.1	199.0	201.9	204.8
110°	192.2	225.8	242.6	241.4	239.0	236.5	234.1	231.7	234.1	236.5	239.0

TEST NUMBER: P999948

CATALOG NUMBER: SA2XXRDIP-B675D530UB2750-4F0-XX-W2A-A_3000K

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
112.5°	271.6	273.5	274.5	273.5	271.4	269.3	267.2	265.1	267.2	269.3	271.4
115°	314.0	311.1	309.6	308.6	306.6	304.7	302.7	300.7	302.7	304.7	306.6
117.5°	345.0	343.0	342.0	340.8	338.5	336.2	333.8	331.5	333.8	336.2	338.5
120°	377.0	374.9	373.9	373.0	371.3	369.6	367.8	366.1	367.8	369.6	371.3
122.5°	407.2	404.9	403.7	402.8	400.9	399.0	397.2	395.3	397.2	399.0	400.9
125°	435.3	433.1	432.0	431.2	429.7	428.2	426.7	425.2	426.7	428.2	429.7
127.5°	462.3	460.6	459.7	458.9	457.2	455.6	453.9	452.3	453.9	455.6	457.2
130°	488.2	486.9	486.3	485.4	483.5	481.7	479.8	478.0	479.8	481.7	483.5
132.5°	512.8	511.5	510.9	510.1	508.6	507.1	505.6	504.1	505.6	507.1	508.6
135°	536.0	534.9	534.4	533.5	531.6	529.8	527.9	526.1	527.9	529.8	531.6
137.5°	557.1	556.0	555.4	554.7	553.3	551.9	550.5	549.1	550.5	551.9	553.3
140°	577.7	576.4	575.8	575.3	574.4	573.5	572.5	571.6	572.5	573.5	574.4
142.5°	596.4	594.9	594.1	593.7	592.9	592.0	591.2	590.4	591.2	592.0	592.9
145°	612.7	610.8	609.8	609.9	610.0	610.1	610.2	610.3	610.2	610.1	610.0
147.5°	629.0	627.0	626.0	626.2	626.5	626.8	627.2	627.5	627.2	626.8	626.5
150°	643.4	641.5	640.6	641.0	641.8	642.7	643.5	644.3	643.5	642.7	641.8
152.5°	656.8	655.1	654.2	654.7	655.6	656.5	657.5	658.4	657.5	656.5	655.6
155°	669.4	668.0	667.3	667.8	668.9	669.9	671.0	672.0	671.0	669.9	668.9
157.5°	680.4	679.3	678.8	679.3	680.2	681.1	682.1	683.0	682.1	681.1	680.2
160°	690.3	689.6	689.2	689.6	690.3	691.0	691.7	692.4	691.7	691.0	690.3
162.5°	698.5	697.9	697.6	697.9	698.6	699.3	700.0	700.7	700.0	699.3	698.6
165°	705.4	705.1	704.9	705.3	706.0	706.7	707.4	708.1	707.4	706.7	706.0
167.5°	711.2	710.9	710.7	711.0	711.7	712.4	713.1	713.8	713.1	712.4	711.7
170°	715.7	715.5	715.4	715.7	716.4	717.1	717.8	718.5	717.8	717.1	716.4
172.5°	718.9	718.6	718.5	718.9	719.6	720.3	721.0	721.7	721.0	720.3	719.6
175°	721.0	720.7	720.6	721.0	721.8	722.7	723.5	724.3	723.5	722.7	721.8
177.5°	721.9	721.8	721.7	722.1	722.9	723.7	724.5	725.3	724.5	723.7	722.9
180°	722.7	722.7	722.7	722.7	722.7	722.7	722.7	722.7	722.7	722.7	722.7

TEST NUMBER: P999948

CATALOG NUMBER: SA2XXRDIP-B675D530UB2750-4F0-XX-W2A-A_3000K

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
0°	1476.7	1476.7	1476.7	1476.7	1476.7	1476.7	1476.7	1476.7	1476.7	1476.7	1476.7
2.5°	1460.3	1461.4	1464.4	1455.2	1440.8	1434.7	1416.2	1413.1	1410.0	1410.0	1413.1
5°	1427.5	1423.4	1424.4	1407.0	1386.4	1374.1	1348.5	1352.6	1339.2	1331.0	1333.1
7.5°	1391.6	1380.3	1379.3	1356.7	1331.0	1308.4	1281.8	1275.6	1263.3	1248.9	1242.8
10°	1346.4	1338.2	1322.8	1297.2	1264.3	1245.8	1209.9	1188.4	1185.3	1163.7	1155.5
12.5°	1300.2	1285.9	1270.5	1234.6	1197.6	1167.9	1141.2	1117.6	1101.1	1082.7	1070.4
15°	1246.9	1229.4	1212.0	1174.0	1130.9	1101.1	1061.1	1026.2	978.0	940.0	918.5
17.5°	1188.4	1168.9	1145.3	1103.2	1061.1	1020.1	946.2	905.1	871.3	848.7	835.4
20°	1127.8	1106.3	1082.7	1040.6	967.7	895.9	854.9	823.0	802.5	779.9	763.5
22.5°	1064.2	1041.6	1016.0	950.3	873.3	823.0	791.2	761.5	731.7	719.4	711.2
25°	1004.7	984.2	951.3	862.0	801.5	755.3	719.4	699.9	684.5	668.1	652.7
27.5°	943.1	905.1	859.0	784.0	746.1	698.9	673.2	658.8	632.2	620.9	613.7
30°	869.2	827.1	783.0	729.6	685.5	652.7	629.1	605.5	590.1	578.8	566.5
32.5°	794.3	754.3	726.6	671.2	638.3	604.4	581.9	567.5	544.9	537.7	532.6
35°	729.6	695.8	671.2	626.0	595.2	564.4	548.0	526.5	512.1	498.7	490.5
37.5°	666.0	647.6	621.9	583.9	551.1	526.5	503.9	496.7	477.2	470.0	461.8
40°	621.9	594.2	572.6	539.8	512.1	485.4	471.0	454.6	441.3	430.0	426.9
42.5°	568.5	548.0	535.7	499.8	471.0	455.6	438.2	419.7	409.5	400.2	388.9
45°	528.5	510.0	492.6	463.9	438.2	418.7	403.3	391.0	373.5	369.4	352.0
47.5°	486.4	468.0	454.6	425.9	402.3	383.8	372.5	356.1	341.7	332.5	324.3
50°	444.4	429.0	416.6	392.0	371.5	352.0	336.6	320.2	314.0	298.6	293.5
52.5°	404.3	394.1	380.7	357.1	336.6	320.2	303.8	290.4	281.2	273.0	266.8
55°	370.5	354.0	347.9	322.2	304.8	287.3	273.0	264.8	253.5	248.3	243.2
57.5°	332.5	323.3	313.0	293.5	274.0	257.6	247.3	235.0	228.8	222.7	218.6
60°	299.7	286.3	278.1	261.7	244.2	228.8	219.6	210.4	202.2	197.0	188.8
62.5°	261.7	251.4	246.3	228.8	214.5	200.1	191.9	182.7	176.5	167.3	157.0
65°	228.8	220.6	214.5	200.1	186.8	173.4	165.2	153.9	145.7	140.6	139.6
67.5°	200.1	194.0	184.7	171.4	158.0	147.8	138.5	129.3	128.3	126.2	126.2
70°	168.3	162.1	157.0	142.6	131.4	120.1	118.0	114.9	111.9	110.8	108.8
72.5°	140.6	135.5	129.3	117.0	105.7	102.6	100.6	98.5	95.4	94.4	93.4
75°	113.9	106.7	102.6	91.3	88.3	86.2	84.2	81.1	79.0	78.0	75.9
77.5°	87.2	80.0	80.0	73.9	71.8	68.8	66.7	64.7	63.6	61.6	61.6
80°	61.6	61.6	59.5	56.4	53.4	52.3	49.3	48.2	47.2	48.2	46.2
82.5°	45.2	41.0	41.0	39.0	36.9	35.9	33.9	33.9	32.8	32.8	32.8
85°	25.7	25.7	24.6	22.6	21.6	21.6	20.5	20.5	19.5	19.5	18.5
87.5°	10.3	9.2	10.3	9.2	9.2	8.2	8.2	8.2	7.2	8.2	7.2
90°	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	13.0	13.3	13.5
95°	18.6	16.7	17.1	17.9	18.8	19.6	20.4	21.0	21.6	22.1	22.7
97.5°	23.1	18.3	19.2	21.1	23.0	24.8	26.7	27.0	27.4	27.7	28.0
100°	28.9	20.9	21.9	23.9	25.8	27.8	29.8	30.7	31.7	32.6	33.5
102.5°	126.1	126.0	115.4	94.3	73.2	52.0	30.9	32.2	33.4	34.7	36.0
105°	173.0	174.7	158.8	127.1	95.4	63.6	31.9	33.2	34.5	35.8	37.1
107.5°	207.7	209.2	189.6	150.4	111.3	72.1	32.9	34.2	35.5	36.8	38.1
110°	241.4	242.6	225.8	192.2	158.7	125.1	91.5	79.9	68.3	56.6	45.0

TEST NUMBER: P999948

CATALOG NUMBER: SA2XXRDIP-B675D530UB2750-4F0-XX-W2A-A_3000K

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
112.5°	273.5	274.5	273.5	271.6	269.6	267.7	265.7	215.6	165.5	115.4	65.3
115°	308.6	309.6	311.1	314.0	316.9	319.8	322.7	268.9	215.1	161.2	107.4
117.5°	340.8	342.0	343.0	345.0	346.9	348.9	350.9	334.3	317.7	301.0	284.4
120°	373.0	373.9	374.9	377.0	379.1	381.2	383.3	384.7	386.1	387.5	388.9
122.5°	402.8	403.7	404.9	407.2	409.5	411.9	414.2	414.9	415.6	416.3	417.0
125°	431.2	432.0	433.1	435.3	437.5	439.7	441.9	442.7	443.5	444.3	445.1
127.5°	458.9	459.7	460.6	462.3	464.0	465.8	467.5	468.7	469.8	471.0	472.1
130°	485.4	486.3	486.9	488.2	489.5	490.8	492.1	493.4	494.6	495.9	497.2
132.5°	510.1	510.9	511.5	512.8	514.1	515.4	516.7	517.7	518.8	519.8	520.9
135°	533.5	534.4	534.9	536.0	537.1	538.1	539.2	540.4	541.5	542.7	543.8
137.5°	554.7	555.4	556.0	557.1	558.3	559.4	560.6	561.8	562.9	564.1	565.2
140°	575.3	575.8	576.4	577.7	579.0	580.2	581.5	582.5	583.6	584.6	585.7
142.5°	593.7	594.1	594.9	596.4	597.9	599.4	600.9	601.8	602.7	603.6	604.5
145°	609.9	609.8	610.8	612.7	614.7	616.6	618.6	619.4	620.2	621.1	621.9
147.5°	626.2	626.0	627.0	629.0	630.9	632.9	634.9	635.5	636.1	636.6	637.2
150°	641.0	640.6	641.5	643.4	645.3	647.1	649.0	649.7	650.4	651.1	651.8
152.5°	654.7	654.2	655.1	656.8	658.5	660.3	662.0	662.7	663.4	664.1	664.8
155°	667.8	667.3	668.0	669.4	670.8	672.2	673.6	674.3	675.0	675.7	676.4
157.5°	679.3	678.8	679.3	680.4	681.4	682.5	683.5	684.3	685.1	685.9	686.7
160°	689.6	689.2	689.6	690.3	691.0	691.7	692.4	693.1	693.8	694.5	695.2
162.5°	697.9	697.6	697.9	698.5	699.0	699.6	700.2	701.0	701.8	702.7	703.5
165°	705.3	704.9	705.1	705.4	705.8	706.1	706.5	707.3	708.1	709.0	709.8
167.5°	711.0	710.7	710.9	711.2	711.5	711.9	712.2	713.0	713.8	714.7	715.5
170°	715.7	715.4	715.5	715.7	716.0	716.2	716.4	717.2	718.0	718.9	719.7
172.5°	718.9	718.5	718.6	718.9	719.1	719.4	719.6	720.4	721.2	722.0	722.8
175°	721.0	720.6	720.7	721.0	721.2	721.5	721.7	722.5	723.3	724.1	724.9
177.5°	722.1	721.7	721.8	721.9	722.0	722.1	722.2	723.0	723.8	724.6	725.4
180°	722.7	722.7	722.7	722.7	722.7	722.7	722.7	722.7	722.7	722.7	722.7

TEST NUMBER: P999948

CATALOG NUMBER: SA2XXRDIP-B675D530UB2750-4F0-XX-W2A-A_3000K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
0°	1476.7	1476.7	1476.7	1476.7	1476.7	1476.7	1476.7	1476.7	1476.7	1476.7	1476.7
2.5°	1413.1	1411.1	1404.9	1407.0	1403.9	1403.9	1401.8	1401.8	1401.8	1407.0	1403.9
5°	1336.2	1329.0	1321.8	1318.7	1315.6	1312.5	1312.5	1311.5	1320.8	1318.7	1326.9
7.5°	1240.7	1238.7	1224.3	1224.3	1219.2	1217.1	1222.2	1223.3	1224.3	1226.3	1231.5
10°	1155.5	1150.4	1129.9	1131.9	1128.9	1124.7	1127.8	1125.8	1133.0	1135.0	1133.0
12.5°	1055.0	1045.7	1023.2	1011.9	999.5	990.3	1001.6	993.4	1022.1	1030.3	1052.9
15°	921.6	904.1	888.7	888.7	877.4	869.2	874.3	883.6	889.7	899.0	903.1
17.5°	832.3	825.1	812.8	805.6	802.5	799.4	799.4	803.5	816.9	815.9	824.1
20°	756.3	752.2	746.1	736.8	733.8	731.7	731.7	731.7	740.9	749.1	754.3
22.5°	704.0	700.9	696.8	684.5	678.3	676.3	681.4	684.5	691.7	697.8	703.0
25°	651.7	644.5	637.3	633.2	630.1	630.1	632.2	633.2	636.3	639.3	645.5
27.5°	608.6	603.4	593.2	581.9	581.9	578.8	580.8	582.9	590.1	600.3	605.5
30°	560.3	559.3	555.2	551.1	547.0	544.9	549.0	552.1	553.1	558.3	558.3
32.5°	525.4	518.2	511.1	507.0	504.9	503.9	504.9	509.0	509.0	515.2	522.4
35°	490.5	486.4	479.2	472.1	470.0	464.9	469.0	473.1	480.3	483.4	486.4
37.5°	452.6	447.4	444.4	442.3	438.2	439.2	436.1	442.3	448.5	447.4	449.5
40°	423.8	414.6	405.4	404.3	403.3	402.3	402.3	403.3	407.4	411.5	417.7
42.5°	386.9	383.8	375.6	367.4	365.3	363.3	361.2	365.3	373.5	380.7	383.8
45°	348.9	344.8	342.8	336.6	332.5	331.5	329.4	334.6	341.7	344.8	346.9
47.5°	314.0	313.0	306.8	307.9	304.8	305.8	304.8	307.9	307.9	310.9	313.0
50°	290.4	287.3	284.3	282.2	279.1	279.1	278.1	279.1	283.2	287.3	286.3
52.5°	266.8	261.7	260.7	259.6	257.6	259.6	256.6	257.6	261.7	263.7	262.7
55°	239.1	238.1	236.0	234.0	233.0	231.9	231.9	231.9	236.0	239.1	240.1
57.5°	217.6	212.4	208.3	208.3	204.2	203.2	205.2	206.3	209.4	211.4	213.5
60°	187.8	185.7	179.6	176.5	170.4	169.3	169.3	173.4	178.6	185.7	187.8
62.5°	156.0	152.9	151.9	151.9	151.9	151.9	151.9	151.9	151.9	152.9	152.9
65°	138.5	139.6	138.5	137.5	138.5	138.5	137.5	137.5	137.5	138.5	139.6
67.5°	124.2	123.1	124.2	123.1	122.1	122.1	121.1	122.1	123.1	124.2	124.2
70°	107.8	107.8	106.7	107.8	106.7	105.7	104.7	104.7	106.7	107.8	107.8
72.5°	92.4	92.4	91.3	91.3	89.3	89.3	90.3	89.3	89.3	92.4	92.4
75°	77.0	75.9	74.9	74.9	73.9	73.9	73.9	72.9	74.9	74.9	75.9
77.5°	60.5	60.5	60.5	59.5	59.5	58.5	58.5	59.5	59.5	59.5	60.5
80°	46.2	46.2	46.2	45.2	44.1	44.1	44.1	44.1	44.1	45.2	44.1
82.5°	31.8	31.8	31.8	31.8	31.8	30.8	30.8	30.8	31.8	31.8	30.8
85°	19.5	18.5	19.5	19.5	18.5	19.5	18.5	18.5	17.4	17.4	18.5
87.5°	8.2	7.2	6.2	6.2	7.2	6.2	6.2	6.2	7.2	6.2	6.2
90°	13.1	13.2	13.4	13.7	13.9	14.1	13.9	13.7	13.4	13.2	13.1
92.5°	13.6	13.7	13.8	13.9	14.0	14.1	14.0	13.9	13.8	13.7	13.6
95°	23.0	22.9	22.8	22.7	22.6	22.5	22.6	22.7	22.8	22.9	23.0
97.5°	28.2	28.3	28.4	28.5	28.7	28.8	28.7	28.5	28.4	28.3	28.2
100°	34.0	34.1	34.3	34.6	34.8	35.0	34.8	34.6	34.3	34.1	34.0
102.5°	36.6	36.8	37.1	37.5	37.8	38.2	37.8	37.5	37.1	36.8	36.6
105°	37.7	37.9	38.4	38.8	39.3	39.7	39.3	38.8	38.4	37.9	37.7
107.5°	38.7	38.9	39.4	39.9	40.3	40.8	40.3	39.9	39.4	38.9	38.7
110°	39.2	39.4	39.9	40.4	40.8	41.3	40.8	40.4	39.9	39.4	39.2

TEST NUMBER: P999948

CATALOG NUMBER: SA2XXRDIP-B675D530UB2750-4F0-XX-W2A-A_3000K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
112.5°	40.3	40.5	40.8	41.1	41.5	41.8	41.5	41.1	40.8	40.5	40.3
115°	80.5	76.3	68.0	59.6	51.3	42.9	51.3	59.6	68.0	76.3	80.5
117.5°	276.1	260.9	230.4	200.0	169.5	139.1	169.5	200.0	230.4	260.9	276.1
120°	389.6	381.8	366.1	350.4	334.7	319.0	334.7	350.4	366.1	381.8	389.6
122.5°	417.3	417.4	417.5	417.6	417.7	417.8	417.7	417.6	417.5	417.4	417.3
125°	445.5	445.7	446.0	446.4	446.7	447.1	446.7	446.4	446.0	445.7	445.5
127.5°	472.7	472.8	472.9	473.0	473.2	473.3	473.2	473.0	472.9	472.8	472.7
130°	497.8	497.7	497.6	497.5	497.4	497.3	497.4	497.5	497.6	497.7	497.8
132.5°	521.4	521.3	521.2	521.1	521.0	520.9	521.0	521.1	521.2	521.3	521.4
135°	544.4	544.3	544.0	543.8	543.5	543.3	543.5	543.8	544.0	544.3	544.4
137.5°	565.8	565.6	565.3	565.0	564.6	564.3	564.6	565.0	565.3	565.6	565.8
140°	586.2	585.9	585.3	584.8	584.2	583.6	584.2	584.8	585.3	585.9	586.2
142.5°	605.0	604.7	604.1	603.6	603.0	602.4	603.0	603.6	604.1	604.7	605.0
145°	622.3	622.0	621.4	620.9	620.3	619.7	620.3	620.9	621.4	622.0	622.3
147.5°	637.5	637.3	636.8	636.3	635.9	635.4	635.9	636.3	636.8	637.3	637.5
150°	652.1	651.8	651.2	650.7	650.1	649.5	650.1	650.7	651.2	651.8	652.1
152.5°	665.2	664.8	664.0	663.1	662.3	661.5	662.3	663.1	664.0	664.8	665.2
155°	676.7	676.2	675.3	674.4	673.4	672.5	673.4	674.4	675.3	676.2	676.7
157.5°	687.1	686.6	685.7	684.8	683.9	683.0	683.9	684.8	685.7	686.6	687.1
160°	695.5	695.1	694.3	693.5	692.7	691.9	692.7	693.5	694.3	695.1	695.5
162.5°	703.9	703.4	702.3	701.3	700.2	699.2	700.2	701.3	702.3	703.4	703.9
165°	710.2	709.8	709.0	708.1	707.3	706.5	707.3	708.1	709.0	709.8	710.2
167.5°	715.9	715.4	714.3	713.3	712.2	711.2	712.2	713.3	714.3	715.4	715.9
170°	720.1	719.6	718.5	717.5	716.4	715.4	716.4	717.5	718.5	719.6	720.1
172.5°	723.2	722.7	721.6	720.6	719.5	718.5	719.5	720.6	721.6	722.7	723.2
175°	725.3	724.7	723.6	722.4	721.3	720.1	721.3	722.4	723.6	724.7	725.3
177.5°	725.8	725.3	724.2	723.2	722.1	721.1	722.1	723.2	724.2	725.3	725.8
180°	722.7	722.7	722.7	722.7	722.7	722.7	722.7	722.7	722.7	722.7	722.7

TEST NUMBER: P999948

CATALOG NUMBER: SA2XXRDIP-B675D530UB2750-4F0-XX-W2A-A_3000K

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
0°	1476.7	1476.7	1476.7	1476.7	1476.7	1476.7	1476.7	1476.7	1476.7	1476.7	1476.7
2.5°	1407.0	1412.1	1410.0	1398.8	1410.0	1413.1	1419.3	1425.4	1429.5	1435.7	1440.8
5°	1318.7	1329.0	1335.1	1329.0	1349.5	1352.6	1366.9	1375.1	1387.5	1397.7	1405.9
7.5°	1235.6	1243.8	1256.1	1258.2	1270.5	1284.8	1305.4	1325.9	1345.4	1355.7	1364.9
10°	1146.3	1160.7	1179.1	1175.0	1193.5	1216.1	1237.6	1270.5	1286.9	1305.4	1321.8
12.5°	1057.0	1066.3	1090.9	1099.1	1125.8	1143.2	1173.0	1193.5	1234.6	1256.1	1270.5
15°	901.0	939.0	969.8	1006.7	1041.6	1074.5	1101.1	1138.1	1174.0	1190.4	1214.0
17.5°	830.2	847.7	866.1	884.6	929.8	988.3	1035.5	1075.5	1106.3	1127.8	1155.5
20°	756.3	773.8	794.3	811.7	839.5	881.5	940.0	1008.8	1045.7	1068.3	1095.0
22.5°	704.0	720.4	733.8	749.1	770.7	801.5	845.6	930.8	980.1	1007.8	1031.4
25°	647.6	668.1	682.4	693.7	711.2	745.0	781.0	829.2	917.5	939.0	971.8
27.5°	608.6	614.7	631.1	648.6	666.0	684.5	721.4	762.5	822.0	869.2	909.2
30°	562.4	577.8	593.2	600.3	615.7	642.4	665.0	709.1	755.3	792.3	840.5
32.5°	527.5	536.7	547.0	564.4	578.8	597.3	619.8	656.8	695.8	719.4	756.3
35°	488.5	494.6	516.2	523.4	537.7	556.2	578.8	607.5	649.6	668.1	694.8
37.5°	451.5	465.9	472.1	488.5	501.8	520.3	536.7	569.6	597.3	618.8	643.4
40°	422.8	429.0	440.3	454.6	465.9	480.3	500.8	524.4	554.2	571.6	593.2
42.5°	387.9	393.0	407.4	415.6	434.1	447.4	459.8	488.5	515.2	528.5	550.1
45°	349.9	362.3	371.5	387.9	398.2	414.6	430.0	450.5	475.1	490.5	502.9
47.5°	317.1	329.4	338.7	354.0	370.5	377.7	394.1	415.6	438.2	450.5	468.0
50°	290.4	294.5	312.0	319.2	336.6	351.0	362.3	380.7	405.4	412.5	426.9
52.5°	264.8	267.8	279.1	288.4	303.8	316.1	330.4	347.9	368.4	379.7	391.0
55°	242.2	244.2	249.4	259.6	269.9	285.3	298.6	315.1	332.5	344.8	355.1
57.5°	216.5	220.6	224.7	230.9	241.2	255.5	269.9	285.3	299.7	307.9	321.2
60°	186.8	192.9	200.1	207.3	214.5	224.7	241.2	255.5	268.9	276.1	286.3
62.5°	155.0	167.3	173.4	181.6	187.8	197.0	209.4	225.8	235.0	244.2	252.5
65°	139.6	140.6	141.6	149.8	161.1	170.4	181.6	194.0	208.3	214.5	220.6
67.5°	124.2	125.2	127.3	128.3	132.4	142.6	155.0	168.3	179.6	183.7	189.9
70°	108.8	108.8	112.9	113.9	114.9	116.0	126.2	139.6	149.8	155.0	162.1
72.5°	92.4	93.4	95.4	96.5	98.5	100.6	103.6	110.8	123.1	128.3	136.5
75°	75.9	77.0	78.0	79.0	82.1	83.1	86.2	90.3	95.4	101.6	106.7
77.5°	60.5	60.5	61.6	63.6	65.7	66.7	69.8	71.8	73.9	77.0	81.1
80°	45.2	46.2	46.2	48.2	48.2	49.3	50.3	53.4	55.4	57.5	59.5
82.5°	30.8	32.8	32.8	32.8	33.9	34.9	35.9	35.9	38.0	39.0	42.1
85°	18.5	19.5	19.5	19.5	18.5	20.5	20.5	21.6	21.6	21.6	22.6
87.5°	7.2	6.2	7.2	7.2	7.2	8.2	7.2	7.2	8.2	9.2	9.2
90°	12.8	12.2	11.7	11.1	10.5	9.6	8.6	7.7	6.8	6.3	5.7
92.5°	13.5	13.3	13.0	12.8	12.6	12.2	11.9	11.5	11.2	11.0	11.2
95°	22.7	22.1	21.6	21.0	20.4	19.6	18.8	17.9	17.1	16.7	18.6
97.5°	28.0	27.7	27.4	27.0	26.7	24.8	23.0	21.1	19.2	18.3	23.1
100°	33.5	32.6	31.7	30.7	29.8	27.8	25.8	23.9	21.9	20.9	28.9
102.5°	36.0	34.7	33.4	32.2	30.9	52.0	73.2	94.3	115.4	126.0	126.1
105°	37.1	35.8	34.5	33.2	31.9	63.6	95.4	127.1	158.8	174.7	173.0
107.5°	38.1	36.8	35.5	34.2	32.9	72.1	111.3	150.4	189.6	209.2	207.7
110°	45.0	56.6	68.3	79.9	91.5	125.1	158.7	192.2	225.8	242.6	241.4



TEST NUMBER: P999948

CATALOG NUMBER: SA2XXRDIP-B675D530UB2750-4F0-XX-W2A-A_3000K

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
112.5°	65.3	115.4	165.5	215.6	265.7	267.7	269.6	271.6	273.5	274.5	273.5
115°	107.4	161.2	215.1	268.9	322.7	319.8	316.9	314.0	311.1	309.6	308.6
117.5°	284.4	301.0	317.7	334.3	350.9	348.9	346.9	345.0	343.0	342.0	340.8
120°	388.9	387.5	386.1	384.7	383.3	381.2	379.1	377.0	374.9	373.9	373.0
122.5°	417.0	416.3	415.6	414.9	414.2	411.9	409.5	407.2	404.9	403.7	402.8
125°	445.1	444.3	443.5	442.7	441.9	439.7	437.5	435.3	433.1	432.0	431.2
127.5°	472.1	471.0	469.8	468.7	467.5	465.8	464.0	462.3	460.6	459.7	458.9
130°	497.2	495.9	494.6	493.4	492.1	490.8	489.5	488.2	486.9	486.3	485.4
132.5°	520.9	519.8	518.8	517.7	516.7	515.4	514.1	512.8	511.5	510.9	510.1
135°	543.8	542.7	541.5	540.4	539.2	538.1	537.1	536.0	534.9	534.4	533.5
137.5°	565.2	564.1	562.9	561.8	560.6	559.4	558.3	557.1	556.0	555.4	554.7
140°	585.7	584.6	583.6	582.5	581.5	580.2	579.0	577.7	576.4	575.8	575.3
142.5°	604.5	603.6	602.7	601.8	600.9	599.4	597.9	596.4	594.9	594.1	593.7
145°	621.9	621.1	620.2	619.4	618.6	616.6	614.7	612.7	610.8	609.8	609.9
147.5°	637.2	636.6	636.1	635.5	634.9	632.9	630.9	629.0	627.0	626.0	626.2
150°	651.8	651.1	650.4	649.7	649.0	647.1	645.3	643.4	641.5	640.6	641.0
152.5°	664.8	664.1	663.4	662.7	662.0	660.3	658.5	656.8	655.1	654.2	654.7
155°	676.4	675.7	675.0	674.3	673.6	672.2	670.8	669.4	668.0	667.3	667.8
157.5°	686.7	685.9	685.1	684.3	683.5	682.5	681.4	680.4	679.3	678.8	679.3
160°	695.2	694.5	693.8	693.1	692.4	691.7	691.0	690.3	689.6	689.2	689.6
162.5°	703.5	702.7	701.8	701.0	700.2	699.6	699.0	698.5	697.9	697.6	697.9
165°	709.8	709.0	708.1	707.3	706.5	706.1	705.8	705.4	705.1	704.9	705.3
167.5°	715.5	714.7	713.8	713.0	712.2	711.9	711.5	711.2	710.9	710.7	711.0
170°	719.7	718.9	718.0	717.2	716.4	716.2	716.0	715.7	715.5	715.4	715.7
172.5°	722.8	722.0	721.2	720.4	719.6	719.4	719.1	718.9	718.6	718.5	718.9
175°	724.9	724.1	723.3	722.5	721.7	721.5	721.2	721.0	720.7	720.6	721.0
177.5°	725.4	724.6	723.8	723.0	722.2	722.1	722.0	721.9	721.8	721.7	722.1
180°	722.7	722.7	722.7	722.7	722.7	722.7	722.7	722.7	722.7	722.7	722.7

TEST NUMBER: P999948

CATALOG NUMBER: SA2XXRDIP-B675D530UB2750-4F0-XX-W2A-A_3000K

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
0°	1476.7	1476.7	1476.7	1476.7
2.5°	1450.1	1447.0	1465.5	1486.0
5°	1420.3	1425.4	1449.0	1477.8
7.5°	1389.5	1400.8	1428.5	1466.5
10°	1346.4	1366.9	1409.0	1448.0
12.5°	1304.3	1332.0	1372.1	1418.3
15°	1257.1	1287.9	1337.2	1392.6
17.5°	1204.8	1239.7	1297.2	1357.7
20°	1149.4	1195.6	1256.1	1321.8
22.5°	1087.8	1143.2	1205.8	1278.7
25°	1028.3	1088.8	1151.4	1235.6
27.5°	969.8	1029.3	1099.1	1184.3
30°	911.3	965.7	1040.6	1131.9
32.5°	848.7	905.1	984.2	1077.5
35°	791.2	847.7	921.6	1013.9
37.5°	729.6	790.2	861.0	956.4
40°	657.8	728.6	797.4	888.7
42.5°	598.3	673.2	739.9	826.1
45°	551.1	621.9	677.3	761.5
47.5°	507.0	564.4	620.9	698.9
50°	464.9	509.0	567.5	637.3
52.5°	421.8	459.8	510.0	575.7
55°	382.8	418.7	463.9	514.1
57.5°	346.9	372.5	417.7	462.8
60°	306.8	333.5	368.4	406.4
62.5°	273.0	293.5	326.3	358.2
65°	237.1	256.6	281.2	310.9
67.5°	204.2	221.7	241.2	264.8
70°	174.5	187.8	202.2	222.7
72.5°	142.6	157.0	170.4	186.8
75°	117.0	123.1	134.4	145.7
77.5°	90.3	98.5	104.7	113.9
80°	64.7	71.8	73.9	81.1
82.5°	43.1	47.2	51.3	53.4
85°	24.6	26.7	30.8	31.8
87.5°	9.2	10.3	12.3	14.4
90°	4.4	3.1	1.8	0.5
92.5°	11.7	12.2	12.6	13.1
95°	22.5	26.3	30.2	34.0
97.5°	32.6	42.1	51.7	61.2
100°	44.8	60.7	76.7	92.6
102.5°	126.4	126.6	126.9	127.1
105°	169.5	166.0	162.5	159.0
107.5°	204.8	201.9	199.0	196.1
110°	239.0	236.5	234.1	231.7

TEST NUMBER: P999948

CATALOG NUMBER: SA2XXRDIP-B675D530UB2750-4F0-XX-W2A-A_3000K

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
112.5°	271.4	269.3	267.2	265.1
115°	306.6	304.7	302.7	300.7
117.5°	338.5	336.2	333.8	331.5
120°	371.3	369.6	367.8	366.1
122.5°	400.9	399.0	397.2	395.3
125°	429.7	428.2	426.7	425.2
127.5°	457.2	455.6	453.9	452.3
130°	483.5	481.7	479.8	478.0
132.5°	508.6	507.1	505.6	504.1
135°	531.6	529.8	527.9	526.1
137.5°	553.3	551.9	550.5	549.1
140°	574.4	573.5	572.5	571.6
142.5°	592.9	592.0	591.2	590.4
145°	610.0	610.1	610.2	610.3
147.5°	626.5	626.8	627.2	627.5
150°	641.8	642.7	643.5	644.3
152.5°	655.6	656.5	657.5	658.4
155°	668.9	669.9	671.0	672.0
157.5°	680.2	681.1	682.1	683.0
160°	690.3	691.0	691.7	692.4
162.5°	698.6	699.3	700.0	700.7
165°	706.0	706.7	707.4	708.1
167.5°	711.7	712.4	713.1	713.8
170°	716.4	717.1	717.8	718.5
172.5°	719.6	720.3	721.0	721.7
175°	721.8	722.7	723.5	724.3
177.5°	722.9	723.7	724.5	725.3
180°	722.7	722.7	722.7	722.7

(END OF REPORT)