

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: P999911

Luminaire Tested: SA2XXRDIP-B675D330UB2750-4F0-XX-W2A-A_5000K

Issue Date: 5/7/2025

Test Information

Test Method: LM-79-2019
Report Number: P999911
REPORT IS A COMBINATION OF REPORTS P988468 AND P1007351
Test Lab: INNOVATION CENTER
Issue Date: 5/7/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: NEO-RAY
Catalog Number: SA2XXRDIP-B675D330UB2750-4F0-XX-W2A-A_5000K
Description: Define 2 Regressed Direct/Indirect Pendant with 5000K BioUP LEDs {m-DER=1.015}
{m-EER=1.115}
Light Source: -
Ballast/Driver: -

Summary

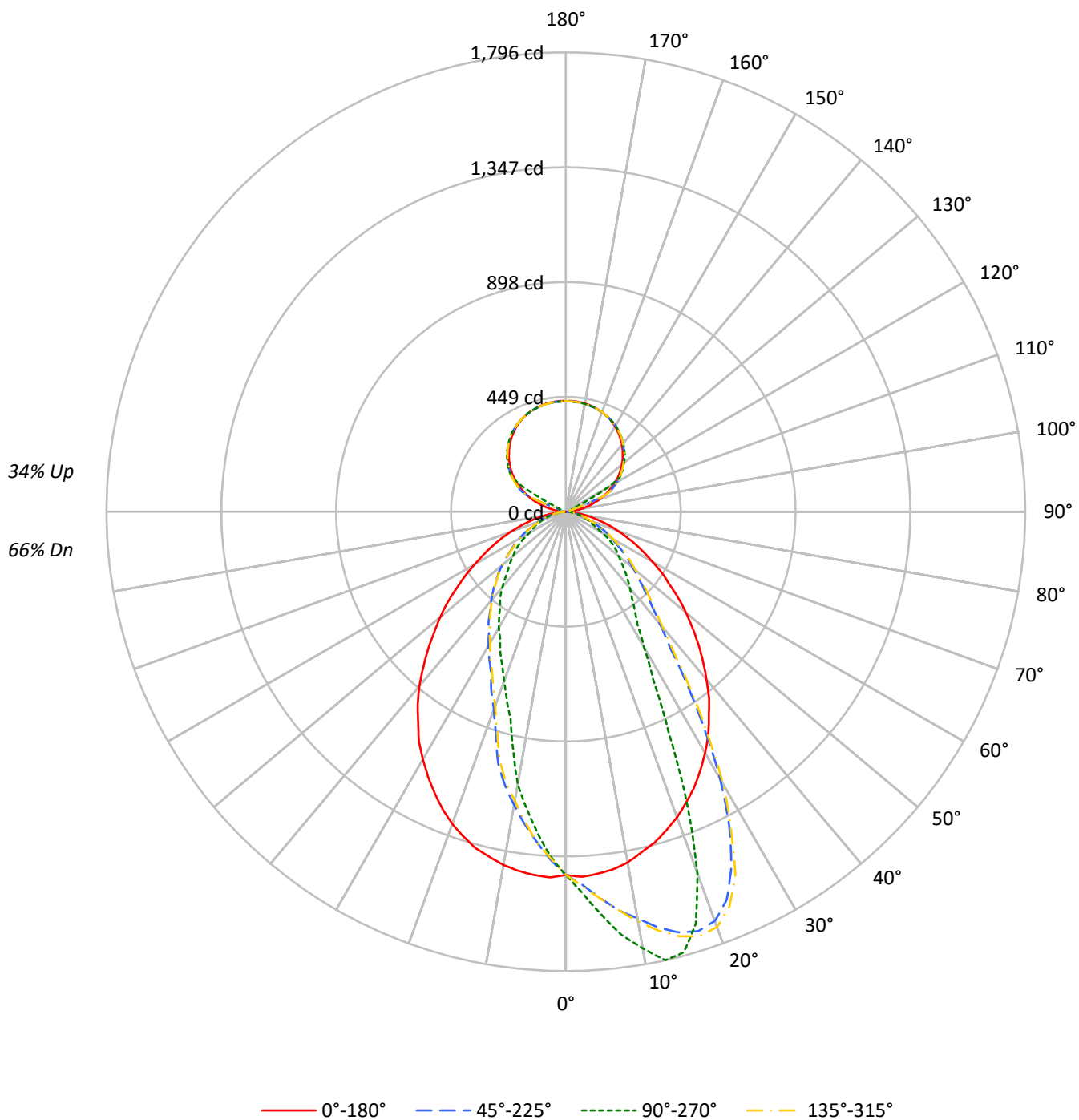
Lumens per Lamp: N/A
Luminaire Lumens: 3722.0 lumens
Efficiency: N/A
Efficacy: 82.3 lumens/watt
Spacing Criteria (0/90/45): 1.16 / 0.85 / 1.01
Luminous Opening: Rectangular w/ Sides (W: 0.17' x L: 4' x H: 0.1')
CIE Type: Semi-Direct

Input Watts (W): 45.2
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	111	111	111	111	104	104	104	104	92	92	92	81	81	81	71	71	71
1	102	98	95	91	96	93	90	87	82	80	78	73	71	70	64	63	62
2	94	87	81	77	89	82	77	73	74	70	66	65	62	60	58	56	54
3	87	78	71	65	81	74	67	62	66	61	57	59	55	52	52	49	47
4	80	70	62	56	75	66	59	54	59	54	50	53	49	46	48	44	42
5	74	63	55	49	70	60	53	47	54	48	44	49	44	40	43	40	37
6	69	57	49	44	65	54	47	42	49	43	39	44	40	36	40	36	33
7	64	52	44	39	60	50	43	38	45	39	35	41	36	33	37	33	30
8	60	48	40	35	56	46	39	34	42	36	32	38	33	30	34	30	28
9	56	44	37	32	53	42	35	31	38	33	29	35	30	27	32	28	25
10	52	41	34	29	50	39	32	28	36	30	26	33	28	25	30	26	23

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	3.6
10°-20°	376.0	10.1
20°-30°	483.9	13.0
30°-40°	459.0	12.3
40°-50°	393.4	10.6
50°-60°	299.6	8.0
60°-70°	188.9	5.1
70°-80°	94.3	2.5
80°-90°	25.0	0.7
90°-100°	14.3	0.4
100°-110°	53.1	1.4
110°-120°	140.9	3.8
120°-130°	233.7	6.3
130°-140°	248.3	6.7
140°-150°	230.7	6.2
150°-160°	185.5	5.0
160°-170°	119.5	3.2
170°-180°	41.1	1.1
0°-30°	994.5	26.7
0°-40°	1453.6	39.1
0°-60°	2146.6	57.7
0°-90°	2454.8	66.0
90°-120°	208.3	5.6
90°-150°	921.1	24.7
90°-180°	1267.0	34.0
0°-180°	3722.0	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	8	0	8	0	3
95°	20	13	20	13	20	24
105°	95	24	95	24	95	102
115°	180	26	180	26	180	177
125°	254	267	254	267	254	227
135°	315	325	315	325	315	243
145°	365	371	365	371	365	228
155°	402	402	402	402	402	185
165°	424	423	424	423	424	120
175°	433	431	433	431	433	41
180°	432	432	432	432	432	

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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°	0.3	1.1	1.9	2.6	3.4	3.8	4.1	4.6	5.2	5.7	6.3
92.5°	7.8	7.5	7.3	7.0	6.7	6.6	6.7	6.9	7.1	7.3	7.5
95°	20.3	18.0	15.7	13.4	11.1	10.0	10.2	10.7	11.2	11.7	12.2
97.5°	36.6	30.9	25.2	19.5	13.8	10.9	11.5	12.6	13.7	14.9	16.0
100°	55.4	45.9	36.3	26.8	17.3	12.5	13.1	14.3	15.4	16.6	17.8
102.5°	76.0	75.9	75.7	75.6	75.5	75.4	69.1	56.4	43.8	31.1	18.5
105°	95.1	97.2	99.3	101.4	103.5	104.5	95.0	76.0	57.1	38.1	19.1
107.5°	117.3	119.0	120.8	122.5	124.2	125.1	113.4	90.0	66.5	43.1	19.7
110°	138.6	140.0	141.5	142.9	144.4	145.1	135.1	115.0	94.9	74.8	54.7



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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	158.6	159.8	161.1	162.3	163.6	164.2	163.6	162.4	161.3	160.1	158.9
115°	179.8	181.0	182.2	183.4	184.6	185.2	186.1	187.8	189.5	191.3	193.0
117.5°	198.3	199.7	201.1	202.5	203.9	204.6	205.2	206.4	207.5	208.7	209.9
120°	218.9	219.9	221.0	222.0	223.1	223.6	224.2	225.5	226.8	228.0	229.3
122.5°	236.5	237.6	238.7	239.8	240.9	241.5	242.2	243.6	244.9	246.3	247.7
125°	254.3	255.2	256.1	257.0	257.9	258.4	259.1	260.4	261.7	263.0	264.3
127.5°	270.6	271.6	272.5	273.5	274.4	274.9	275.4	276.5	277.5	278.6	279.6
130°	285.9	287.0	288.1	289.2	290.3	290.9	291.3	292.0	292.8	293.5	294.3
132.5°	301.5	302.4	303.3	304.2	305.1	305.6	306.0	306.7	307.5	308.2	309.0
135°	314.7	315.8	316.9	318.0	319.1	319.7	320.0	320.6	321.3	321.9	322.5
137.5°	328.4	329.2	330.1	330.9	331.8	332.2	332.5	333.2	333.9	334.6	335.3
140°	341.9	342.5	343.0	343.6	344.1	344.4	344.8	345.5	346.3	347.0	347.8
142.5°	353.1	353.6	354.1	354.6	355.1	355.3	355.8	356.7	357.6	358.5	359.4
145°	365.0	364.9	364.9	364.8	364.7	364.7	365.3	366.5	367.6	368.8	370.0
147.5°	375.3	375.1	374.9	374.7	374.5	374.4	375.0	376.2	377.3	378.5	379.7
150°	385.3	384.8	384.4	383.9	383.4	383.2	383.8	384.9	386.0	387.1	388.2
152.5°	393.8	393.2	392.7	392.1	391.6	391.3	391.8	392.9	393.9	395.0	396.0
155°	401.9	401.3	400.7	400.0	399.4	399.1	399.5	400.4	401.2	402.1	402.9
157.5°	408.5	407.9	407.4	406.8	406.3	406.0	406.3	406.9	407.6	408.2	408.8
160°	414.1	413.7	413.3	412.8	412.4	412.2	412.4	412.8	413.3	413.7	414.1
162.5°	419.1	418.7	418.3	417.8	417.4	417.2	417.4	417.7	418.1	418.4	418.8
165°	423.5	423.1	422.7	422.2	421.8	421.6	421.7	421.9	422.2	422.4	422.6
167.5°	426.9	426.5	426.1	425.7	425.3	425.1	425.2	425.4	425.6	425.8	426.0
170°	429.8	429.4	429.0	428.5	428.1	427.9	428.0	428.1	428.2	428.4	428.5
172.5°	431.6	431.2	430.8	430.4	430.0	429.8	429.9	430.0	430.1	430.3	430.4
175°	433.2	432.7	432.2	431.7	431.2	431.0	431.1	431.2	431.3	431.5	431.6
177.5°	433.8	433.3	432.8	432.3	431.8	431.6	431.6	431.7	431.8	431.8	431.9
180°	432.3	432.3	432.3	432.3	432.3	432.3	432.3	432.3	432.3	432.3	432.3

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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°	6.6	7.0	7.3	7.6	7.8	7.9	8.0	8.1	8.3	8.4	8.3
92.5°	7.6	7.8	7.9	8.0	8.1	8.1	8.2	8.3	8.3	8.4	8.3
95°	12.6	12.9	13.3	13.6	13.8	13.8	13.7	13.6	13.5	13.4	13.5
97.5°	16.2	16.4	16.6	16.8	16.9	16.9	17.0	17.1	17.1	17.2	17.1
100°	18.4	18.9	19.5	20.0	20.3	20.4	20.5	20.7	20.8	21.0	20.8
102.5°	19.3	20.0	20.8	21.5	21.9	22.0	22.2	22.4	22.6	22.8	22.6
105°	19.9	20.6	21.4	22.1	22.5	22.6	22.9	23.2	23.5	23.8	23.5
107.5°	20.5	21.2	22.0	22.7	23.1	23.2	23.5	23.8	24.1	24.4	24.1
110°	47.8	40.8	33.9	27.0	23.5	23.6	23.9	24.2	24.4	24.7	24.4

TEST NUMBER: P999911

CATALOG NUMBER: SA2XXRDIP-B675D330UB2750-4F0-XX-W2A-A_5000K

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	128.9	99.0	69.0	39.1	24.1	24.2	24.4	24.6	24.8	25.0	24.8
115°	160.8	128.6	96.5	64.3	48.2	45.7	40.7	35.6	30.6	25.6	30.6
117.5°	199.9	190.0	180.0	170.1	165.1	156.0	137.8	119.6	101.4	83.2	101.4
120°	230.1	230.9	231.8	232.6	233.0	228.3	218.9	209.6	200.2	190.8	200.2
122.5°	248.1	248.5	249.0	249.4	249.6	249.6	249.7	249.8	249.8	249.9	249.8
125°	264.8	265.3	265.8	266.3	266.5	266.6	266.8	267.0	267.2	267.4	267.2
127.5°	280.3	281.0	281.7	282.4	282.8	282.8	282.9	283.0	283.0	283.1	283.0
130°	295.1	295.9	296.6	297.4	297.8	297.8	297.7	297.6	297.6	297.5	297.6
132.5°	309.6	310.2	310.9	311.5	311.8	311.8	311.7	311.6	311.6	311.5	311.6
135°	323.2	323.9	324.6	325.3	325.6	325.5	325.4	325.3	325.1	325.0	325.1
137.5°	336.0	336.7	337.4	338.1	338.4	338.3	338.1	337.9	337.7	337.5	337.7
140°	348.4	349.0	349.7	350.3	350.6	350.4	350.1	349.8	349.4	349.1	349.4
142.5°	360.0	360.5	361.1	361.6	361.9	361.7	361.4	361.0	360.7	360.3	360.7
145°	370.5	371.0	371.5	372.0	372.2	372.0	371.7	371.3	371.0	370.6	371.0
147.5°	380.1	380.4	380.8	381.1	381.3	381.2	380.9	380.6	380.3	380.0	380.3
150°	388.6	389.0	389.4	389.8	390.0	389.8	389.5	389.2	388.8	388.5	388.8
152.5°	396.4	396.8	397.3	397.7	397.9	397.7	397.2	396.7	396.2	395.7	396.2
155°	403.3	403.7	404.1	404.5	404.7	404.4	403.9	403.3	402.8	402.2	402.8
157.5°	409.3	409.8	410.3	410.8	411.0	410.7	410.2	409.6	409.1	408.5	409.1
160°	414.5	414.9	415.4	415.8	416.0	415.8	415.3	414.8	414.3	413.8	414.3
162.5°	419.3	419.8	420.3	420.8	421.0	420.7	420.1	419.4	418.8	418.2	418.8
165°	423.1	423.6	424.1	424.6	424.8	424.6	424.1	423.6	423.1	422.6	423.1
167.5°	426.5	427.0	427.5	428.0	428.2	427.9	427.3	426.6	426.0	425.4	426.0
170°	429.0	429.5	430.0	430.5	430.7	430.4	429.8	429.1	428.5	427.9	428.5
172.5°	430.9	431.4	431.9	432.4	432.6	432.3	431.7	431.0	430.4	429.8	430.4
175°	432.1	432.6	433.1	433.6	433.8	433.5	432.8	432.1	431.4	430.7	431.4
177.5°	432.4	432.9	433.4	433.9	434.1	433.8	433.2	432.5	431.9	431.3	431.9
180°	432.3	432.3	432.3	432.3	432.3	432.3	432.3	432.3	432.3	432.3	432.3

TEST NUMBER: P999911

CATALOG NUMBER: SA2XXRDIP-B675D330UB2750-4F0-XX-W2A-A_5000K

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°	8.1	8.0	7.9	7.8	7.6	7.3	7.0	6.6	6.3	5.7	5.2
92.5°	8.3	8.2	8.1	8.1	8.0	7.9	7.8	7.6	7.5	7.3	7.1
95°	13.6	13.7	13.8	13.8	13.6	13.3	12.9	12.6	12.2	11.7	11.2
97.5°	17.1	17.0	16.9	16.9	16.8	16.6	16.4	16.2	16.0	14.9	13.7
100°	20.7	20.5	20.4	20.3	20.0	19.5	18.9	18.4	17.8	16.6	15.4
102.5°	22.4	22.2	22.0	21.9	21.5	20.8	20.0	19.3	18.5	31.1	43.8
105°	23.2	22.9	22.6	22.5	22.1	21.4	20.6	19.9	19.1	38.1	57.1
107.5°	23.8	23.5	23.2	23.1	22.7	22.0	21.2	20.5	19.7	43.1	66.5
110°	24.2	23.9	23.6	23.5	27.0	33.9	40.8	47.8	54.7	74.8	94.9

TEST NUMBER: P999911

CATALOG NUMBER: SA2XXRDIP-B675D330UB2750-4F0-XX-W2A-A_5000K

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	24.6	24.4	24.2	24.1	39.1	69.0	99.0	128.9	158.9	160.1	161.3
115°	35.6	40.7	45.7	48.2	64.3	96.5	128.6	160.8	193.0	191.3	189.5
117.5°	119.6	137.8	156.0	165.1	170.1	180.0	190.0	199.9	209.9	208.7	207.5
120°	209.6	218.9	228.3	233.0	232.6	231.8	230.9	230.1	229.3	228.0	226.8
122.5°	249.8	249.7	249.6	249.6	249.4	249.0	248.5	248.1	247.7	246.3	244.9
125°	267.0	266.8	266.6	266.5	266.3	265.8	265.3	264.8	264.3	263.0	261.7
127.5°	283.0	282.9	282.8	282.8	282.4	281.7	281.0	280.3	279.6	278.6	277.5
130°	297.6	297.7	297.8	297.8	297.4	296.6	295.9	295.1	294.3	293.5	292.8
132.5°	311.6	311.7	311.8	311.8	311.5	310.9	310.2	309.6	309.0	308.2	307.5
135°	325.3	325.4	325.5	325.6	325.3	324.6	323.9	323.2	322.5	321.9	321.3
137.5°	337.9	338.1	338.3	338.4	338.1	337.4	336.7	336.0	335.3	334.6	333.9
140°	349.8	350.1	350.4	350.6	350.3	349.7	349.0	348.4	347.8	347.0	346.3
142.5°	361.0	361.4	361.7	361.9	361.6	361.1	360.5	360.0	359.4	358.5	357.6
145°	371.3	371.7	372.0	372.2	372.0	371.5	371.0	370.5	370.0	368.8	367.6
147.5°	380.6	380.9	381.2	381.3	381.1	380.8	380.4	380.1	379.7	378.5	377.3
150°	389.2	389.5	389.8	390.0	389.8	389.4	389.0	388.6	388.2	387.1	386.0
152.5°	396.7	397.2	397.7	397.9	397.7	397.3	396.8	396.4	396.0	395.0	393.9
155°	403.3	403.9	404.4	404.7	404.5	404.1	403.7	403.3	402.9	402.1	401.2
157.5°	409.6	410.2	410.7	411.0	410.8	410.3	409.8	409.3	408.8	408.2	407.6
160°	414.8	415.3	415.8	416.0	415.8	415.4	414.9	414.5	414.1	413.7	413.3
162.5°	419.4	420.1	420.7	421.0	420.8	420.3	419.8	419.3	418.8	418.4	418.1
165°	423.6	424.1	424.6	424.8	424.6	424.1	423.6	423.1	422.6	422.4	422.2
167.5°	426.6	427.3	427.9	428.2	428.0	427.5	427.0	426.5	426.0	425.8	425.6
170°	429.1	429.8	430.4	430.7	430.5	430.0	429.5	429.0	428.5	428.4	428.2
172.5°	431.0	431.7	432.3	432.6	432.4	431.9	431.4	430.9	430.4	430.3	430.1
175°	432.1	432.8	433.5	433.8	433.6	433.1	432.6	432.1	431.6	431.5	431.3
177.5°	432.5	433.2	433.8	434.1	433.9	433.4	432.9	432.4	431.9	431.8	431.8
180°	432.3	432.3	432.3	432.3	432.3	432.3	432.3	432.3	432.3	432.3	432.3

TEST NUMBER: P999911

CATALOG NUMBER: SA2XXRDIP-B675D330UB2750-4F0-XX-W2A-A_5000K

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°	4.6	4.1	3.8	3.4	2.6	1.9	1.1	0.3	1.1	1.9	2.6
92.5°	6.9	6.7	6.6	6.7	7.0	7.3	7.5	7.8	7.5	7.3	7.0
95°	10.7	10.2	10.0	11.1	13.4	15.7	18.0	20.3	18.0	15.7	13.4
97.5°	12.6	11.5	10.9	13.8	19.5	25.2	30.9	36.6	30.9	25.2	19.5
100°	14.3	13.1	12.5	17.3	26.8	36.3	45.9	55.4	45.9	36.3	26.8
102.5°	56.4	69.1	75.4	75.5	75.6	75.7	75.9	76.0	75.9	75.7	75.6
105°	76.0	95.0	104.5	103.5	101.4	99.3	97.2	95.1	97.2	99.3	101.4
107.5°	90.0	113.4	125.1	124.2	122.5	120.8	119.0	117.3	119.0	120.8	122.5
110°	115.0	135.1	145.1	144.4	142.9	141.5	140.0	138.6	140.0	141.5	142.9

TEST NUMBER: P999911

CATALOG NUMBER: SA2XXRDIP-B675D330UB2750-4F0-XX-W2A-A_5000K

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
112.5°	162.4	163.6	164.2	163.6	162.3	161.1	159.8	158.6	159.8	161.1	162.3
115°	187.8	186.1	185.2	184.6	183.4	182.2	181.0	179.8	181.0	182.2	183.4
117.5°	206.4	205.2	204.6	203.9	202.5	201.1	199.7	198.3	199.7	201.1	202.5
120°	225.5	224.2	223.6	223.1	222.0	221.0	219.9	218.9	219.9	221.0	222.0
122.5°	243.6	242.2	241.5	240.9	239.8	238.7	237.6	236.5	237.6	238.7	239.8
125°	260.4	259.1	258.4	257.9	257.0	256.1	255.2	254.3	255.2	256.1	257.0
127.5°	276.5	275.4	274.9	274.4	273.5	272.5	271.6	270.6	271.6	272.5	273.5
130°	292.0	291.3	290.9	290.3	289.2	288.1	287.0	285.9	287.0	288.1	289.2
132.5°	306.7	306.0	305.6	305.1	304.2	303.3	302.4	301.5	302.4	303.3	304.2
135°	320.6	320.0	319.7	319.1	318.0	316.9	315.8	314.7	315.8	316.9	318.0
137.5°	333.2	332.5	332.2	331.8	330.9	330.1	329.2	328.4	329.2	330.1	330.9
140°	345.5	344.8	344.4	344.1	343.6	343.0	342.5	341.9	342.5	343.0	343.6
142.5°	356.7	355.8	355.3	355.1	354.6	354.1	353.6	353.1	353.6	354.1	354.6
145°	366.5	365.3	364.7	364.7	364.8	364.9	364.9	365.0	364.9	364.9	364.8
147.5°	376.2	375.0	374.4	374.5	374.7	374.9	375.1	375.3	375.1	374.9	374.7
150°	384.9	383.8	383.2	383.4	383.9	384.4	384.8	385.3	384.8	384.4	383.9
152.5°	392.9	391.8	391.3	391.6	392.1	392.7	393.2	393.8	393.2	392.7	392.1
155°	400.4	399.5	399.1	399.4	400.0	400.7	401.3	401.9	401.3	400.7	400.0
157.5°	406.9	406.3	406.0	406.3	406.8	407.4	407.9	408.5	407.9	407.4	406.8
160°	412.8	412.4	412.2	412.4	412.8	413.3	413.7	414.1	413.7	413.3	412.8
162.5°	417.7	417.4	417.2	417.4	417.8	418.3	418.7	419.1	418.7	418.3	417.8
165°	421.9	421.7	421.6	421.8	422.2	422.7	423.1	423.5	423.1	422.7	422.2
167.5°	425.4	425.2	425.1	425.3	425.7	426.1	426.5	426.9	426.5	426.1	425.7
170°	428.1	428.0	427.9	428.1	428.5	429.0	429.4	429.8	429.4	429.0	428.5
172.5°	430.0	429.9	429.8	430.0	430.4	430.8	431.2	431.6	431.2	430.8	430.4
175°	431.2	431.1	431.0	431.2	431.7	432.2	432.7	433.2	432.7	432.2	431.7
177.5°	431.7	431.6	431.6	431.8	432.3	432.8	433.3	433.8	433.3	432.8	432.3
180°	432.3	432.3	432.3	432.3	432.3	432.3	432.3	432.3	432.3	432.3	432.3

TEST NUMBER: P999911

CATALOG NUMBER: SA2XXRDIP-B675D330UB2750-4F0-XX-W2A-A_5000K

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°	3.4	3.8	4.1	4.6	5.2	5.7	6.3	6.6	7.0	7.3	7.6
92.5°	6.7	6.6	6.7	6.9	7.1	7.3	7.5	7.6	7.8	7.9	8.0
95°	11.1	10.0	10.2	10.7	11.2	11.7	12.2	12.6	12.9	13.3	13.6
97.5°	13.8	10.9	11.5	12.6	13.7	14.9	16.0	16.2	16.4	16.6	16.8
100°	17.3	12.5	13.1	14.3	15.4	16.6	17.8	18.4	18.9	19.5	20.0
102.5°	75.5	75.4	69.1	56.4	43.8	31.1	18.5	19.3	20.0	20.8	21.5
105°	103.5	104.5	95.0	76.0	57.1	38.1	19.1	19.9	20.6	21.4	22.1
107.5°	124.2	125.1	113.4	90.0	66.5	43.1	19.7	20.5	21.2	22.0	22.7
110°	144.4	145.1	135.1	115.0	94.9	74.8	54.7	47.8	40.8	33.9	27.0

TEST NUMBER: P999911

CATALOG NUMBER: SA2XXRDIP-B675D330UB2750-4F0-XX-W2A-A_5000K

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
112.5°	163.6	164.2	163.6	162.4	161.3	160.1	158.9	128.9	99.0	69.0	39.1
115°	184.6	185.2	186.1	187.8	189.5	191.3	193.0	160.8	128.6	96.5	64.3
117.5°	203.9	204.6	205.2	206.4	207.5	208.7	209.9	199.9	190.0	180.0	170.1
120°	223.1	223.6	224.2	225.5	226.8	228.0	229.3	230.1	230.9	231.8	232.6
122.5°	240.9	241.5	242.2	243.6	244.9	246.3	247.7	248.1	248.5	249.0	249.4
125°	257.9	258.4	259.1	260.4	261.7	263.0	264.3	264.8	265.3	265.8	266.3
127.5°	274.4	274.9	275.4	276.5	277.5	278.6	279.6	280.3	281.0	281.7	282.4
130°	290.3	290.9	291.3	292.0	292.8	293.5	294.3	295.1	295.9	296.6	297.4
132.5°	305.1	305.6	306.0	306.7	307.5	308.2	309.0	309.6	310.2	310.9	311.5
135°	319.1	319.7	320.0	320.6	321.3	321.9	322.5	323.2	323.9	324.6	325.3
137.5°	331.8	332.2	332.5	333.2	333.9	334.6	335.3	336.0	336.7	337.4	338.1
140°	344.1	344.4	344.8	345.5	346.3	347.0	347.8	348.4	349.0	349.7	350.3
142.5°	355.1	355.3	355.8	356.7	357.6	358.5	359.4	360.0	360.5	361.1	361.6
145°	364.7	364.7	365.3	366.5	367.6	368.8	370.0	370.5	371.0	371.5	372.0
147.5°	374.5	374.4	375.0	376.2	377.3	378.5	379.7	380.1	380.4	380.8	381.1
150°	383.4	383.2	383.8	384.9	386.0	387.1	388.2	388.6	389.0	389.4	389.8
152.5°	391.6	391.3	391.8	392.9	393.9	395.0	396.0	396.4	396.8	397.3	397.7
155°	399.4	399.1	399.5	400.4	401.2	402.1	402.9	403.3	403.7	404.1	404.5
157.5°	406.3	406.0	406.3	406.9	407.6	408.2	408.8	409.3	409.8	410.3	410.8
160°	412.4	412.2	412.4	412.8	413.3	413.7	414.1	414.5	414.9	415.4	415.8
162.5°	417.4	417.2	417.4	417.7	418.1	418.4	418.8	419.3	419.8	420.3	420.8
165°	421.8	421.6	421.7	421.9	422.2	422.4	422.6	423.1	423.6	424.1	424.6
167.5°	425.3	425.1	425.2	425.4	425.6	425.8	426.0	426.5	427.0	427.5	428.0
170°	428.1	427.9	428.0	428.1	428.2	428.4	428.5	429.0	429.5	430.0	430.5
172.5°	430.0	429.8	429.9	430.0	430.1	430.3	430.4	430.9	431.4	431.9	432.4
175°	431.2	431.0	431.1	431.2	431.3	431.5	431.6	432.1	432.6	433.1	433.6
177.5°	431.8	431.6	431.6	431.7	431.8	431.8	431.9	432.4	432.9	433.4	433.9
180°	432.3	432.3	432.3	432.3	432.3	432.3	432.3	432.3	432.3	432.3	432.3

TEST NUMBER: P999911

CATALOG NUMBER: SA2XXRDIP-B675D330UB2750-4F0-XX-W2A-A_5000K

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°	7.8	7.9	8.0	8.1	8.3	8.4	8.3	8.1	8.0	7.9	7.8
92.5°	8.1	8.1	8.2	8.3	8.3	8.4	8.3	8.3	8.2	8.1	8.1
95°	13.8	13.8	13.7	13.6	13.5	13.4	13.5	13.6	13.7	13.8	13.8
97.5°	16.9	16.9	17.0	17.1	17.1	17.2	17.1	17.1	17.0	16.9	16.9
100°	20.3	20.4	20.5	20.7	20.8	21.0	20.8	20.7	20.5	20.4	20.3
102.5°	21.9	22.0	22.2	22.4	22.6	22.8	22.6	22.4	22.2	22.0	21.9
105°	22.5	22.6	22.9	23.2	23.5	23.8	23.5	23.2	22.9	22.6	22.5
107.5°	23.1	23.2	23.5	23.8	24.1	24.4	24.1	23.8	23.5	23.2	23.1
110°	23.5	23.6	23.9	24.2	24.4	24.7	24.4	24.2	23.9	23.6	23.5

TEST NUMBER: P999911

CATALOG NUMBER: SA2XXRDIP-B675D330UB2750-4F0-XX-W2A-A_5000K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
112.5°	24.1	24.2	24.4	24.6	24.8	25.0	24.8	24.6	24.4	24.2	24.1
115°	48.2	45.7	40.7	35.6	30.6	25.6	30.6	35.6	40.7	45.7	48.2
117.5°	165.1	156.0	137.8	119.6	101.4	83.2	101.4	119.6	137.8	156.0	165.1
120°	233.0	228.3	218.9	209.6	200.2	190.8	200.2	209.6	218.9	228.3	233.0
122.5°	249.6	249.6	249.7	249.8	249.8	249.9	249.8	249.8	249.7	249.6	249.6
125°	266.5	266.6	266.8	267.0	267.2	267.4	267.2	267.0	266.8	266.6	266.5
127.5°	282.8	282.8	282.9	283.0	283.0	283.1	283.0	283.0	282.9	282.8	282.8
130°	297.8	297.8	297.7	297.6	297.6	297.5	297.6	297.6	297.7	297.8	297.8
132.5°	311.8	311.8	311.7	311.6	311.6	311.5	311.6	311.6	311.7	311.8	311.8
135°	325.6	325.5	325.4	325.3	325.1	325.0	325.1	325.3	325.4	325.5	325.6
137.5°	338.4	338.3	338.1	337.9	337.7	337.5	337.7	337.9	338.1	338.3	338.4
140°	350.6	350.4	350.1	349.8	349.4	349.1	349.4	349.8	350.1	350.4	350.6
142.5°	361.9	361.7	361.4	361.0	360.7	360.3	360.7	361.0	361.4	361.7	361.9
145°	372.2	372.0	371.7	371.3	371.0	370.6	371.0	371.3	371.7	372.0	372.2
147.5°	381.3	381.2	380.9	380.6	380.3	380.0	380.3	380.6	380.9	381.2	381.3
150°	390.0	389.8	389.5	389.2	388.8	388.5	388.8	389.2	389.5	389.8	390.0
152.5°	397.9	397.7	397.2	396.7	396.2	395.7	396.2	396.7	397.2	397.7	397.9
155°	404.7	404.4	403.9	403.3	402.8	402.2	402.8	403.3	403.9	404.4	404.7
157.5°	411.0	410.7	410.2	409.6	409.1	408.5	409.1	409.6	410.2	410.7	411.0
160°	416.0	415.8	415.3	414.8	414.3	413.8	414.3	414.8	415.3	415.8	416.0
162.5°	421.0	420.7	420.1	419.4	418.8	418.2	418.8	419.4	420.1	420.7	421.0
165°	424.8	424.6	424.1	423.6	423.1	422.6	423.1	423.6	424.1	424.6	424.8
167.5°	428.2	427.9	427.3	426.6	426.0	425.4	426.0	426.6	427.3	427.9	428.2
170°	430.7	430.4	429.8	429.1	428.5	427.9	428.5	429.1	429.8	430.4	430.7
172.5°	432.6	432.3	431.7	431.0	430.4	429.8	430.4	431.0	431.7	432.3	432.6
175°	433.8	433.5	432.8	432.1	431.4	430.7	431.4	432.1	432.8	433.5	433.8
177.5°	434.1	433.8	433.2	432.5	431.9	431.3	431.9	432.5	433.2	433.8	434.1
180°	432.3	432.3	432.3	432.3	432.3	432.3	432.3	432.3	432.3	432.3	432.3

TEST NUMBER: P999911

CATALOG NUMBER: SA2XXRDIP-B675D330UB2750-4F0-XX-W2A-A_5000K

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°	7.6	7.3	7.0	6.6	6.3	5.7	5.2	4.6	4.1	3.8	3.4
92.5°	8.0	7.9	7.8	7.6	7.5	7.3	7.1	6.9	6.7	6.6	6.7
95°	13.6	13.3	12.9	12.6	12.2	11.7	11.2	10.7	10.2	10.0	11.1
97.5°	16.8	16.6	16.4	16.2	16.0	14.9	13.7	12.6	11.5	10.9	13.8
100°	20.0	19.5	18.9	18.4	17.8	16.6	15.4	14.3	13.1	12.5	17.3
102.5°	21.5	20.8	20.0	19.3	18.5	31.1	43.8	56.4	69.1	75.4	75.5
105°	22.1	21.4	20.6	19.9	19.1	38.1	57.1	76.0	95.0	104.5	103.5
107.5°	22.7	22.0	21.2	20.5	19.7	43.1	66.5	90.0	113.4	125.1	124.2
110°	27.0	33.9	40.8	47.8	54.7	74.8	94.9	115.0	135.1	145.1	144.4

TEST NUMBER: P999911

CATALOG NUMBER: SA2XXRDIP-B675D330UB2750-4F0-XX-W2A-A_5000K

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
112.5°	39.1	69.0	99.0	128.9	158.9	160.1	161.3	162.4	163.6	164.2	163.6
115°	64.3	96.5	128.6	160.8	193.0	191.3	189.5	187.8	186.1	185.2	184.6
117.5°	170.1	180.0	190.0	199.9	209.9	208.7	207.5	206.4	205.2	204.6	203.9
120°	232.6	231.8	230.9	230.1	229.3	228.0	226.8	225.5	224.2	223.6	223.1
122.5°	249.4	249.0	248.5	248.1	247.7	246.3	244.9	243.6	242.2	241.5	240.9
125°	266.3	265.8	265.3	264.8	264.3	263.0	261.7	260.4	259.1	258.4	257.9
127.5°	282.4	281.7	281.0	280.3	279.6	278.6	277.5	276.5	275.4	274.9	274.4
130°	297.4	296.6	295.9	295.1	294.3	293.5	292.8	292.0	291.3	290.9	290.3
132.5°	311.5	310.9	310.2	309.6	309.0	308.2	307.5	306.7	306.0	305.6	305.1
135°	325.3	324.6	323.9	323.2	322.5	321.9	321.3	320.6	320.0	319.7	319.1
137.5°	338.1	337.4	336.7	336.0	335.3	334.6	333.9	333.2	332.5	332.2	331.8
140°	350.3	349.7	349.0	348.4	347.8	347.0	346.3	345.5	344.8	344.4	344.1
142.5°	361.6	361.1	360.5	360.0	359.4	358.5	357.6	356.7	355.8	355.3	355.1
145°	372.0	371.5	371.0	370.5	370.0	368.8	367.6	366.5	365.3	364.7	364.7
147.5°	381.1	380.8	380.4	380.1	379.7	378.5	377.3	376.2	375.0	374.4	374.5
150°	389.8	389.4	389.0	388.6	388.2	387.1	386.0	384.9	383.8	383.2	383.4
152.5°	397.7	397.3	396.8	396.4	396.0	395.0	393.9	392.9	391.8	391.3	391.6
155°	404.5	404.1	403.7	403.3	402.9	402.1	401.2	400.4	399.5	399.1	399.4
157.5°	410.8	410.3	409.8	409.3	408.8	408.2	407.6	406.9	406.3	406.0	406.3
160°	415.8	415.4	414.9	414.5	414.1	413.7	413.3	412.8	412.4	412.2	412.4
162.5°	420.8	420.3	419.8	419.3	418.8	418.4	418.1	417.7	417.4	417.2	417.4
165°	424.6	424.1	423.6	423.1	422.6	422.4	422.2	421.9	421.7	421.6	421.8
167.5°	428.0	427.5	427.0	426.5	426.0	425.8	425.6	425.4	425.2	425.1	425.3
170°	430.5	430.0	429.5	429.0	428.5	428.4	428.2	428.1	428.0	427.9	428.1
172.5°	432.4	431.9	431.4	430.9	430.4	430.3	430.1	430.0	429.9	429.8	430.0
175°	433.6	433.1	432.6	432.1	431.6	431.5	431.3	431.2	431.1	431.0	431.2
177.5°	433.9	433.4	432.9	432.4	431.9	431.8	431.8	431.7	431.6	431.6	431.8
180°	432.3	432.3	432.3	432.3	432.3	432.3	432.3	432.3	432.3	432.3	432.3

TEST NUMBER: P999911

CATALOG NUMBER: SA2XXRDIP-B675D330UB2750-4F0-XX-W2A-A_5000K

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°	2.6	1.9	1.1	0.3
92.5°	7.0	7.3	7.5	7.8
95°	13.4	15.7	18.0	20.3
97.5°	19.5	25.2	30.9	36.6
100°	26.8	36.3	45.9	55.4
102.5°	75.6	75.7	75.9	76.0
105°	101.4	99.3	97.2	95.1
107.5°	122.5	120.8	119.0	117.3
110°	142.9	141.5	140.0	138.6

TEST NUMBER: P999911

CATALOG NUMBER: SA2XXRDIP-B675D330UB2750-4F0-XX-W2A-A_5000K

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
112.5°	162.3	161.1	159.8	158.6
115°	183.4	182.2	181.0	179.8
117.5°	202.5	201.1	199.7	198.3
120°	222.0	221.0	219.9	218.9
122.5°	239.8	238.7	237.6	236.5
125°	257.0	256.1	255.2	254.3
127.5°	273.5	272.5	271.6	270.6
130°	289.2	288.1	287.0	285.9
132.5°	304.2	303.3	302.4	301.5
135°	318.0	316.9	315.8	314.7
137.5°	330.9	330.1	329.2	328.4
140°	343.6	343.0	342.5	341.9
142.5°	354.6	354.1	353.6	353.1
145°	364.8	364.9	364.9	365.0
147.5°	374.7	374.9	375.1	375.3
150°	383.9	384.4	384.8	385.3
152.5°	392.1	392.7	393.2	393.8
155°	400.0	400.7	401.3	401.9
157.5°	406.8	407.4	407.9	408.5
160°	412.8	413.3	413.7	414.1
162.5°	417.8	418.3	418.7	419.1
165°	422.2	422.7	423.1	423.5
167.5°	425.7	426.1	426.5	426.9
170°	428.5	429.0	429.4	429.8
172.5°	430.4	430.8	431.2	431.6
175°	431.7	432.2	432.7	433.2
177.5°	432.3	432.8	433.3	433.8
180°	432.3	432.3	432.3	432.3

(END OF REPORT)