

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: P1010879

Luminaire Tested: S123RDIP-B340D1195UB2750-4F0-XX-W2A-A_2700K

Issue Date: 5/6/2025

Test Information

Test Method: LM-79-2019
Report Number: P1010879
REPORT IS A COMBINATION OF REPORTS P993165 AND P1007351
Test Lab: INNOVATION CENTER
Issue Date: 5/6/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: NEO-RAY
Catalog Number: S123RDIP-B340D1195UB2750-4F0-XX-W2A-A_2700K
Description: Define 3 Regressed Direct/Indirect Pendant with 2700K BioUP LEDs {m-DER=0.473}
{m-EER=0.52}
Light Source: -
Ballast/Driver: -

Summary

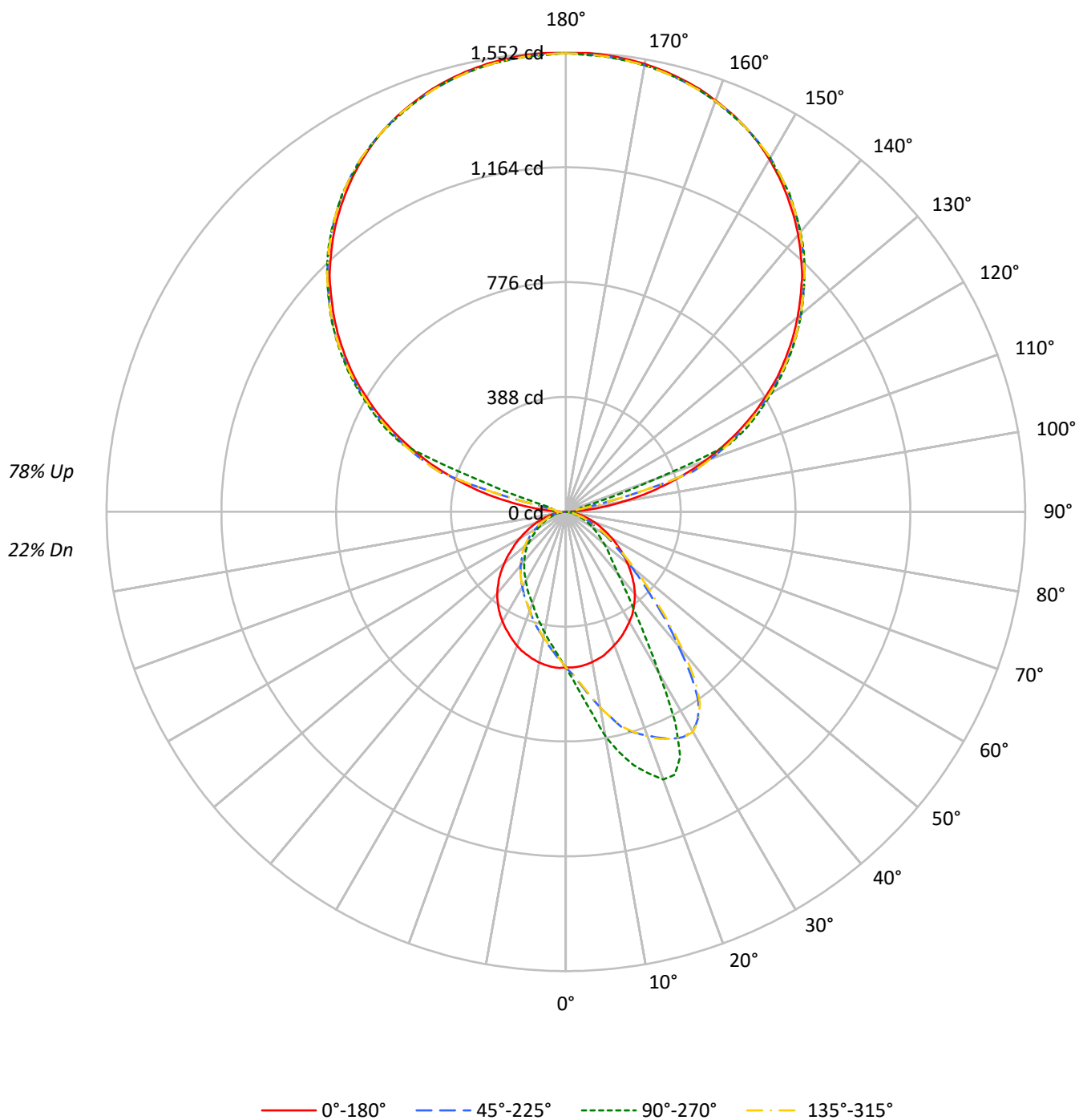
Lumens per Lamp: N/A
Luminaire Lumens: 6034.0 lumens
Efficiency: N/A
Efficacy: 125.7 lumens/watt
Spacing Criteria (0/90/45): 1.22 / 1.2 / 1.34
Luminous Opening: Rectangular w/ Sides (W: 0.25' x L: 4' x H: 0.1')
CIE Type: Semi-Indirect

Input Watts (W): 48
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT

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Luminous Intensity Polar Plot



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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20					20					20					20
RC	80				70					50					30					0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10
RCR																				
0	100	100	100	100	89	89	89	89	68	68	68	48	48	48	30	30	30	30	30	22
1	92	88	84	81	81	78	75	72	59	58	56	43	41	40	27	26	26	26	26	19
2	84	77	71	66	74	68	64	60	52	49	46	38	36	34	24	23	22	22	22	16
3	76	68	61	55	67	60	55	50	46	42	39	33	31	29	22	20	19	19	19	14
4	70	60	52	47	62	53	47	42	41	37	34	30	27	25	19	18	17	17	17	12
5	64	53	46	40	57	48	41	36	37	32	29	27	24	22	17	16	15	15	15	11
6	59	48	40	35	52	43	36	31	33	29	25	24	21	19	16	14	13	13	13	10
7	54	43	35	30	48	38	32	27	30	25	22	22	19	17	15	13	12	12	12	9
8	50	39	32	27	45	35	29	24	27	23	19	20	17	15	13	12	10	10	10	8
9	47	35	28	23	41	32	26	21	25	20	17	18	15	13	12	11	9	9	9	7
10	44	32	25	21	39	29	23	19	23	18	16	17	14	12	11	10	8	8	8	6

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	5654	5654	5654	5654
5°	5658	6512	5673	4831
10°	5609	7861	5633	4220
15°	5551	8922	5551	3721
20°	5437	9623	5468	3301
25°	5353	9143	5343	3012
30°	5256	6335	5245	2729
35°	5140	4067	5117	2516
40°	4994	2872	4970	2304
45°	4742	2299	4736	2097
50°	4431	1922	4417	1856
55°	4082	1585	4050	1574
60°	3739	1310	3702	1338
65°	3338	1049	3360	1135
70°	2965	729	3045	918
75°	2514	541	2617	706
80°	2003	358	2172	529
85°	1422	168	1556	328

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 30°

Vertical Angle: 45°

Luminance: 7549 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	51.6	0.9
10°-20°	161.5	2.7
20°-30°	254.3	4.2
30°-40°	264.5	4.4
40°-50°	226.3	3.7
50°-60°	172.5	2.9
60°-70°	110.5	1.8
70°-80°	52.9	0.9
80°-90°	17.0	0.3
90°-100°	54.6	0.9
100°-110°	264.1	4.4
110°-120°	647.3	10.7
120°-130°	821.7	13.6
130°-140°	877.8	14.5
140°-150°	820.8	13.6
150°-160°	662.1	11.0
160°-170°	427.3	7.1
170°-180°	147.2	2.4
0°-30°	467.4	7.7
0°-40°	731.9	12.1
0°-60°	1130.6	18.7
0°-90°	1311.1	21.7
90°-120°	966.0	16.0
90°-150°	3486.3	57.8
90°-180°	4723.0	78.3
0°-180°	6034.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	525	525	525	525	525	
5°	525	624	526	463	525	50
15°	502	886	502	370	502	141
25°	456	913	455	301	456	210
35°	398	396	396	245	398	249
45°	319	211	319	193	319	246
55°	225	133	224	132	225	202
65°	138	76	139	83	138	138
75°	66	32	69	42	66	71
85°	15	8	16	15	15	17
90°	1	34	1	34	1	5
95°	70	44	70	44	70	84
105°	343	51	343	51	343	364
115°	643	677	643	677	643	635
125°	907	925	907	925	907	810
135°	1129	1141	1129	1141	1129	869
145°	1303	1316	1303	1316	1303	816
155°	1435	1433	1435	1433	1435	661
165°	1514	1510	1514	1510	1514	428
175°	1549	1544	1549	1544	1549	147
180°	1549	1549	1549	1549	1549	

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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	525.3	525.3	525.3	525.3	525.3	525.3	525.3	525.3	525.3	525.3	525.3
2.5°	526.6	530.2	532.9	534.7	539.2	541.9	544.2	548.2	548.2	549.1	550.9
5°	524.8	532.5	537.9	545.1	554.5	559.0	565.3	570.7	578.4	582.4	586.5
7.5°	520.8	531.6	542.8	553.6	567.6	576.6	582.9	596.8	606.7	618.8	628.3
10°	515.4	530.2	544.6	561.3	580.2	593.6	603.1	621.5	640.4	657.5	671.9
12.5°	508.6	526.6	547.3	567.6	594.1	607.6	622.9	645.8	672.8	694.4	713.7
15°	501.5	522.1	545.5	570.3	603.5	622.4	644.5	672.4	702.5	733.5	760.1
17.5°	490.2	516.3	542.4	578.4	617.5	628.7	647.6	685.8	723.2	751.1	783.4
20°	479.0	508.2	541.0	573.4	615.7	641.8	659.3	699.8	739.8	773.5	804.6
22.5°	468.6	499.2	533.4	574.3	613.9	640.0	662.0	704.3	750.6	788.4	826.6
25°	456.0	489.3	527.1	565.8	613.9	633.7	658.0	707.0	756.0	799.6	846.8
27.5°	442.5	476.3	513.6	553.2	597.2	626.5	650.3	702.9	762.7	809.5	858.1
30°	429.0	463.7	499.7	535.2	584.7	612.5	640.0	698.0	766.3	819.9	857.2
32.5°	416.0	445.2	480.8	515.4	564.4	595.0	626.0	693.0	767.7	812.7	830.7
35°	398.0	428.6	457.4	494.3	543.7	573.9	610.3	692.6	761.8	789.7	780.7
37.5°	381.4	407.0	434.4	467.3	518.1	557.2	595.0	680.9	742.5	744.3	693.5
40°	362.9	384.1	407.0	441.6	496.5	535.2	576.1	662.9	707.4	680.9	591.4
42.5°	341.8	360.7	378.7	412.4	472.2	515.4	559.5	640.4	656.6	595.4	502.4
45°	319.3	334.6	351.2	386.8	446.6	489.3	533.4	605.8	589.2	502.8	414.2
47.5°	295.9	309.0	325.2	357.5	419.2	462.8	504.6	556.3	514.0	421.4	347.2
50°	272.5	282.9	298.6	331.9	391.3	430.8	469.5	503.3	443.9	361.6	286.9
52.5°	249.6	257.7	273.9	302.2	359.8	397.6	425.4	438.5	378.2	298.6	249.2
55°	225.3	234.3	245.1	273.9	331.0	358.9	377.3	376.9	314.8	253.2	206.0
57.5°	201.9	210.0	219.5	248.3	294.6	313.5	329.2	321.6	262.6	207.3	176.7
60°	181.2	185.7	196.1	220.4	255.4	271.6	280.6	267.6	214.5	174.9	146.2
62.5°	158.8	163.3	171.8	194.7	216.3	224.9	232.5	215.9	177.2	142.6	125.0
65°	138.1	143.9	149.3	167.8	179.4	189.8	188.9	174.9	138.5	116.0	101.6
67.5°	120.1	122.3	126.8	138.1	143.5	151.1	151.6	135.8	111.5	94.4	85.9
70°	100.7	103.0	106.1	111.5	115.1	116.9	116.0	102.1	84.1	73.8	66.1
72.5°	84.1	83.7	85.9	85.9	89.5	89.0	86.3	75.6	63.9	55.3	50.8
75°	66.1	66.6	67.0	66.1	64.8	63.0	60.7	52.6	45.0	40.9	36.9
77.5°	51.7	50.8	51.3	48.1	46.3	44.5	41.4	37.3	31.0	30.1	28.3
80°	36.9	36.4	36.0	34.6	30.6	28.8	26.5	24.3	22.9	22.0	21.6
82.5°	24.7	24.7	23.8	21.1	18.9	17.5	17.1	16.2	14.8	14.8	14.4
85°	14.8	14.4	13.5	10.8	9.4	9.4	9.4	9.4	8.5	8.5	8.1
87.5°	5.8	5.4	4.0	4.0	3.6	3.6	3.6	3.1	3.1	2.7	2.7
90°	1.2	3.8	6.3	8.9	11.4	12.7	14.4	17.7	21.0	24.3	27.6
92.5°	26.5	25.0	23.4	21.9	20.4	19.6	20.7	23.0	25.3	27.6	29.9
95°	70.2	59.7	49.2	38.7	28.2	23.0	24.4	27.2	30.1	32.9	35.7
97.5°	127.8	120.6	113.4	106.3	99.1	95.5	89.0	75.9	62.9	49.8	36.8
100°	194.5	199.6	204.7	209.8	214.9	217.5	197.6	157.7	117.8	77.9	38.0
102.5°	270.5	273.8	277.1	280.4	283.7	285.4	263.2	218.7	174.2	129.7	85.2
105°	343.0	345.8	348.6	351.5	354.3	355.7	344.2	321.2	298.1	275.1	252.1
107.5°	420.1	422.4	424.7	427.0	429.3	430.5	432.4	436.2	440.1	443.9	447.7
110°	497.2	499.2	501.3	503.3	505.4	506.4	507.8	510.6	513.5	516.3	519.1



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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	570.9	572.7	574.5	576.2	578.0	578.9	580.3	583.1	586.0	588.8	591.6
115°	643.4	644.9	646.5	648.0	649.5	650.3	651.5	653.8	656.1	658.4	660.7
117.5°	714.8	716.6	718.4	720.1	721.9	722.8	723.4	724.7	726.0	727.3	728.6
120°	780.4	782.7	785.0	787.3	789.6	790.7	791.1	791.9	792.6	793.4	794.2
122.5°	847.1	848.9	850.7	852.5	854.3	855.2	855.7	856.7	857.8	858.8	859.8
125°	907.0	909.0	911.1	913.1	915.2	916.2	916.7	917.7	918.8	919.8	920.8
127.5°	966.8	968.8	970.9	972.9	975.0	976.0	976.6	977.9	979.2	980.5	981.8
130°	1022.1	1024.1	1026.2	1028.2	1030.3	1031.3	1031.8	1032.8	1033.9	1034.9	1035.9
132.5°	1075.0	1077.0	1079.1	1081.1	1083.2	1084.2	1084.6	1085.4	1086.1	1086.9	1087.7
135°	1129.1	1130.6	1132.2	1133.7	1135.2	1136.0	1136.5	1137.5	1138.6	1139.6	1140.6
137.5°	1175.1	1177.2	1179.2	1181.3	1183.4	1184.4	1184.7	1185.2	1185.7	1186.2	1186.7
140°	1221.2	1222.7	1224.3	1225.8	1227.3	1228.1	1228.5	1229.2	1230.0	1230.7	1231.5
142.5°	1263.8	1265.3	1266.9	1268.4	1269.9	1270.7	1271.1	1271.8	1272.6	1273.3	1274.1
145°	1302.9	1304.7	1306.5	1308.3	1310.1	1311.0	1311.3	1311.8	1312.3	1312.8	1313.3
147.5°	1340.9	1342.2	1343.4	1344.7	1346.0	1346.6	1346.9	1347.4	1347.9	1348.4	1348.9
150°	1375.4	1376.2	1377.0	1377.7	1378.5	1378.9	1379.2	1379.7	1380.2	1380.7	1381.2
152.5°	1406.5	1406.7	1407.0	1407.2	1407.5	1407.6	1407.7	1408.0	1408.3	1408.5	1408.8
155°	1435.3	1434.8	1434.3	1433.8	1433.3	1433.0	1433.1	1433.4	1433.6	1433.9	1434.1
157.5°	1458.3	1458.3	1458.3	1458.3	1458.3	1458.3	1458.2	1457.9	1457.6	1457.4	1457.1
160°	1479.0	1478.8	1478.5	1478.3	1478.0	1477.9	1477.8	1477.5	1477.2	1477.0	1476.7
162.5°	1498.6	1497.8	1497.0	1496.3	1495.5	1495.1	1495.0	1494.7	1494.5	1494.2	1494.0
165°	1513.5	1512.7	1512.0	1511.2	1510.5	1510.1	1510.0	1509.7	1509.4	1509.2	1508.9
167.5°	1526.2	1525.2	1524.2	1523.1	1522.1	1521.6	1521.6	1521.6	1521.6	1521.6	1521.6
170°	1536.6	1535.6	1534.5	1533.5	1532.4	1531.9	1531.9	1531.9	1531.9	1531.9	1531.9
172.5°	1543.5	1542.2	1540.9	1539.6	1538.3	1537.7	1537.8	1538.1	1538.4	1538.6	1538.9
175°	1549.2	1547.9	1546.7	1545.4	1544.1	1543.5	1543.6	1543.9	1544.1	1544.4	1544.6
177.5°	1551.5	1550.2	1549.0	1547.7	1546.4	1545.8	1545.9	1546.2	1546.4	1546.7	1546.9
180°	1549.2	1549.2	1549.2	1549.2	1549.2	1549.2	1549.2	1549.2	1549.2	1549.2	1549.2

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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	525.3	525.3	525.3	525.3	525.3	525.3	525.3	525.3	525.3	525.3	525.3
2.5°	554.5	554.5	558.6	562.6	560.4	561.7	566.7	564.9	568.5	568.0	569.4
5°	596.3	601.3	605.3	613.9	615.2	613.9	622.4	624.7	628.7	623.8	626.0
7.5°	643.6	653.9	663.8	676.4	680.4	681.3	685.8	692.1	697.5	687.6	692.6
10°	689.4	705.2	725.4	736.7	746.6	750.2	753.8	757.8	764.1	769.9	765.4
12.5°	738.9	761.8	781.2	801.4	813.6	812.2	822.6	825.3	830.2	831.6	833.4
15°	779.4	811.8	823.9	854.0	856.7	865.7	877.4	887.8	889.1	886.4	886.4
17.5°	818.1	846.0	867.5	891.8	896.8	904.4	919.3	924.2	926.0	925.6	925.6
20°	849.5	868.0	904.4	924.7	932.7	942.6	953.0	959.3	960.6	962.4	959.7
22.5°	870.2	898.1	927.8	944.4	951.2	954.8	961.5	963.3	961.1	961.5	962.0
25°	886.4	913.9	931.8	936.3	935.9	931.4	926.5	917.9	917.0	913.4	906.2
27.5°	890.9	901.3	899.0	880.6	862.1	860.3	830.7	814.5	796.0	798.7	788.4
30°	866.6	853.1	821.2	774.4	755.1	723.6	690.3	655.7	642.2	627.4	654.8
32.5°	807.3	759.2	702.5	641.8	609.4	581.5	546.0	520.8	506.4	494.3	517.6
35°	717.8	642.7	567.6	510.0	483.5	458.3	425.0	412.4	394.4	396.2	398.5
37.5°	602.6	519.9	463.2	406.6	389.0	378.7	354.4	335.1	328.8	327.0	327.0
40°	494.7	426.8	376.4	331.9	318.4	309.9	290.5	281.5	274.8	273.0	275.2
42.5°	409.3	351.2	312.1	282.4	273.0	262.2	254.1	242.9	241.5	238.4	242.4
45°	343.6	293.2	264.0	242.4	234.3	230.3	221.3	214.5	211.8	211.4	214.5
47.5°	291.4	252.3	226.7	213.2	206.9	202.8	195.2	192.5	189.8	190.7	189.3
50°	244.7	215.4	198.8	186.6	182.6	178.5	173.6	170.9	169.5	169.5	169.1
52.5°	210.0	185.7	174.9	163.7	161.9	159.7	154.3	152.5	150.2	149.8	151.6
55°	179.9	163.3	152.5	145.7	143.9	139.4	137.2	134.9	133.6	132.7	133.1
57.5°	153.8	141.2	134.0	128.2	125.0	123.2	119.2	118.7	117.8	117.8	117.4
60°	132.2	123.2	114.7	111.1	108.8	106.6	106.1	103.4	102.1	103.0	102.5
62.5°	112.0	104.8	99.8	95.8	94.4	92.6	91.3	90.4	89.0	89.5	89.5
65°	93.5	87.7	84.1	80.5	80.1	78.3	77.8	76.9	76.9	76.5	77.4
67.5°	76.9	72.9	69.7	67.5	66.1	66.6	64.8	63.4	63.4	63.0	64.3
70°	61.2	58.9	55.8	53.1	51.3	51.3	49.0	48.6	48.6	48.6	48.1
72.5°	47.2	43.2	41.8	40.9	40.9	40.9	40.0	40.0	39.6	40.0	39.6
75°	35.1	34.6	33.7	33.3	33.3	32.8	32.4	32.4	32.4	32.4	32.4
77.5°	27.4	27.4	26.5	26.1	26.1	26.1	25.6	25.6	25.2	25.2	25.2
80°	20.2	20.2	19.3	19.3	19.3	18.9	18.9	18.9	19.3	18.9	18.9
82.5°	13.9	13.9	13.5	13.9	13.5	13.0	13.0	13.0	12.6	13.0	13.0
85°	8.1	8.1	7.6	7.2	7.6	7.6	7.2	7.6	7.2	7.6	7.2
87.5°	3.1	2.7	2.7	2.7	2.2	2.7	2.2	2.2	2.7	2.2	2.7
90°	28.6	29.6	30.7	31.7	32.2	32.5	33.0	33.5	34.0	34.5	34.0
92.5°	31.7	33.5	35.3	37.1	38.0	38.1	38.4	38.6	38.9	39.1	38.9
95°	37.5	39.3	41.0	42.8	43.7	43.7	43.7	43.7	43.7	43.7	43.7
97.5°	38.8	40.9	42.9	45.0	46.0	46.1	46.4	46.7	46.9	47.2	46.9
100°	40.0	42.1	44.1	46.2	47.2	47.3	47.6	47.8	48.1	48.3	48.1
102.5°	76.8	68.3	59.9	51.4	47.2	47.5	48.0	48.5	49.0	49.5	49.0
105°	206.8	161.5	116.2	70.9	48.3	48.6	49.1	49.6	50.1	50.6	50.1
107.5°	408.3	368.9	329.6	290.2	270.5	253.7	220.2	186.7	153.2	119.7	153.2
110°	510.7	502.2	493.8	485.3	481.1	462.8	426.2	389.7	353.1	316.5	353.1

TEST NUMBER: P1010879

CATALOG NUMBER: S123RDIP-B340D1195UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	593.9	596.2	598.5	600.8	602.0	601.7	601.2	600.7	600.2	599.7	600.2
115°	663.3	665.8	668.4	670.9	672.2	672.7	673.7	674.8	675.8	676.8	675.8
117.5°	730.6	732.7	734.7	736.8	737.8	737.9	738.2	738.4	738.7	738.9	738.7
120°	796.2	798.3	800.3	802.4	803.4	803.4	803.4	803.4	803.4	803.4	803.4
122.5°	861.1	862.3	863.6	864.9	865.5	865.6	865.9	866.2	866.4	866.7	866.4
125°	921.3	921.8	922.3	922.8	923.1	923.4	923.9	924.4	924.9	925.4	924.9
127.5°	982.6	983.3	984.1	984.8	985.2	984.9	984.4	983.9	983.4	982.9	983.4
130°	1036.9	1037.9	1039.0	1040.0	1040.5	1040.2	1039.7	1039.2	1038.7	1038.2	1038.7
132.5°	1088.7	1089.7	1090.8	1091.8	1092.3	1091.9	1091.1	1090.4	1089.6	1088.8	1089.6
135°	1141.4	1142.2	1142.9	1143.7	1144.1	1143.7	1142.9	1142.2	1141.4	1140.6	1141.4
137.5°	1188.0	1189.2	1190.5	1191.8	1192.4	1192.1	1191.6	1191.1	1190.6	1190.1	1190.6
140°	1232.5	1233.5	1234.6	1235.6	1236.1	1235.8	1235.3	1234.8	1234.3	1233.8	1234.3
142.5°	1274.9	1275.7	1276.4	1277.2	1277.6	1277.2	1276.4	1275.7	1274.9	1274.1	1274.9
145°	1313.8	1314.3	1314.8	1315.3	1315.6	1315.6	1315.6	1315.6	1315.6	1315.6	1315.6
147.5°	1349.4	1349.9	1350.4	1350.9	1351.2	1350.6	1349.3	1348.0	1346.8	1345.5	1346.8
150°	1381.7	1382.2	1382.7	1383.2	1383.5	1383.1	1382.3	1381.6	1380.8	1380.0	1380.8
152.5°	1409.8	1410.8	1411.9	1412.9	1413.4	1412.8	1411.5	1410.2	1408.9	1407.6	1408.9
155°	1435.4	1436.7	1438.0	1439.3	1439.9	1439.1	1437.6	1436.1	1434.5	1433.0	1434.5
157.5°	1458.6	1460.2	1461.7	1463.2	1464.0	1463.0	1460.9	1458.9	1456.8	1454.8	1456.8
160°	1478.2	1479.8	1481.3	1482.8	1483.6	1482.7	1480.9	1479.2	1477.4	1475.6	1477.4
162.5°	1495.8	1497.6	1499.3	1501.1	1502.0	1501.2	1499.7	1498.2	1496.6	1495.1	1496.6
165°	1510.9	1513.0	1515.0	1517.1	1518.1	1517.2	1515.4	1513.7	1511.9	1510.1	1511.9
167.5°	1523.6	1525.7	1527.7	1529.8	1530.8	1529.8	1527.7	1525.7	1523.6	1521.6	1523.6
170°	1534.0	1536.0	1538.1	1540.2	1541.2	1540.2	1538.1	1536.0	1534.0	1531.9	1534.0
172.5°	1540.9	1543.0	1545.0	1547.1	1548.1	1546.9	1544.6	1542.3	1540.0	1537.7	1540.0
175°	1546.4	1548.2	1550.0	1551.8	1552.7	1551.7	1549.6	1547.6	1545.5	1543.5	1545.5
177.5°	1548.9	1551.0	1553.0	1555.1	1556.1	1554.8	1552.3	1549.7	1547.2	1544.6	1547.2
180°	1549.2	1549.2	1549.2	1549.2	1549.2	1549.2	1549.2	1549.2	1549.2	1549.2	1549.2

TEST NUMBER: P1010879

CATALOG NUMBER: S123RDIP-B340D1195UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	525.3	525.3	525.3	525.3	525.3	525.3	525.3	525.3	525.3	525.3	525.3
2.5°	567.1	564.4	562.6	561.3	559.9	564.0	558.6	552.7	548.7	546.0	545.1
5°	626.5	620.6	615.7	611.6	612.5	612.5	603.1	592.7	583.8	578.8	573.4
7.5°	695.3	689.0	679.1	676.8	675.1	663.8	654.4	635.5	624.2	613.0	603.1
10°	763.6	755.6	746.1	743.0	738.5	724.5	710.1	685.8	671.9	651.2	638.2
12.5°	827.5	817.6	808.2	805.9	799.2	787.0	762.3	737.1	713.3	691.2	668.3
15°	881.0	878.3	863.9	854.9	840.1	823.5	818.1	783.9	753.8	730.8	689.4
17.5°	926.0	913.4	899.9	894.1	888.2	868.9	849.5	814.5	782.1	748.4	721.8
20°	962.0	948.0	938.6	930.1	927.4	905.3	874.7	843.7	808.2	770.4	735.8
22.5°	963.8	962.0	955.7	950.7	945.3	930.9	906.7	868.0	830.2	788.8	743.4
25°	926.5	923.8	941.7	937.2	940.8	935.4	922.4	890.0	846.0	797.4	751.5
27.5°	814.0	841.5	869.8	879.7	886.4	905.8	912.1	894.1	858.5	806.8	755.6
30°	661.1	697.5	743.4	768.1	787.0	823.0	869.8	875.6	859.0	817.6	754.7
32.5°	519.0	552.3	589.2	618.4	643.6	717.3	780.3	825.7	833.8	812.2	756.9
35°	418.3	432.6	467.7	495.6	529.8	592.7	667.0	740.3	789.7	792.4	750.2
37.5°	344.9	352.6	383.2	398.9	419.2	474.5	543.7	639.5	716.4	752.9	731.3
40°	285.6	303.1	320.7	329.7	344.0	382.3	448.8	523.9	619.3	686.7	702.0
42.5°	247.8	255.4	266.7	279.3	288.3	321.6	366.1	434.9	520.8	614.8	657.1
45°	218.6	221.3	233.0	241.1	250.5	273.9	305.4	362.9	438.5	531.1	603.1
47.5°	194.3	199.7	206.0	210.9	217.2	235.2	262.2	304.0	370.6	453.3	530.7
50°	172.7	175.8	183.9	186.2	190.7	203.3	224.0	255.9	310.8	376.9	456.9
52.5°	152.5	158.3	161.5	164.6	168.7	179.0	192.5	218.6	259.9	322.0	389.9
55°	136.7	138.5	143.0	145.7	148.9	156.1	167.8	187.1	219.5	268.9	333.3
57.5°	121.4	121.4	125.9	128.2	131.3	136.7	147.1	161.9	185.3	222.2	281.1
60°	105.2	105.7	109.3	112.0	112.9	118.3	126.8	138.5	156.5	183.5	231.6
62.5°	90.8	93.1	94.9	95.8	98.9	102.1	109.3	117.4	130.0	153.8	188.0
65°	78.7	79.2	80.5	81.4	82.8	86.3	91.7	97.1	107.9	125.5	153.4
67.5°	64.8	66.6	68.4	68.4	69.7	71.5	76.9	81.4	89.5	99.8	118.7
70°	48.6	49.5	52.2	53.5	55.3	58.5	61.2	63.9	70.2	77.8	92.2
72.5°	40.5	40.5	41.4	41.8	41.8	44.1	48.1	50.8	54.0	59.4	69.3
75°	32.4	32.4	33.7	33.3	34.2	35.1	35.5	37.3	39.1	43.2	49.0
77.5°	25.6	26.1	26.1	26.5	26.5	27.0	27.4	28.3	29.2	31.5	34.2
80°	18.9	19.3	19.3	19.8	19.8	20.2	20.7	21.1	22.0	22.9	24.3
82.5°	13.0	13.5	13.5	13.9	13.5	13.9	14.4	14.4	14.8	15.7	16.2
85°	7.6	7.6	8.1	7.6	7.6	7.6	8.1	8.1	8.5	9.9	9.9
87.5°	2.2	2.7	2.2	2.7	2.7	2.7	2.7	3.1	3.1	3.6	4.0
90°	33.5	33.0	32.5	32.2	31.7	30.7	29.6	28.6	27.6	24.3	21.0
92.5°	38.6	38.4	38.1	38.0	37.1	35.3	33.5	31.7	29.9	27.6	25.3
95°	43.7	43.7	43.7	43.7	42.8	41.0	39.3	37.5	35.7	32.9	30.1
97.5°	46.7	46.4	46.1	46.0	45.0	42.9	40.9	38.8	36.8	49.8	62.9
100°	47.8	47.6	47.3	47.2	46.2	44.1	42.1	40.0	38.0	77.9	117.8
102.5°	48.5	48.0	47.5	47.2	51.4	59.9	68.3	76.8	85.2	129.7	174.2
105°	49.6	49.1	48.6	48.3	70.9	116.2	161.5	206.8	252.1	275.1	298.1
107.5°	186.7	220.2	253.7	270.5	290.2	329.6	368.9	408.3	447.7	443.9	440.1
110°	389.7	426.2	462.8	481.1	485.3	493.8	502.2	510.7	519.1	516.3	513.5

TEST NUMBER: P1010879

CATALOG NUMBER: S123RDIP-B340D1195UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	600.7	601.2	601.7	602.0	600.8	598.5	596.2	593.9	591.6	588.8	586.0
115°	674.8	673.7	672.7	672.2	670.9	668.4	665.8	663.3	660.7	658.4	656.1
117.5°	738.4	738.2	737.9	737.8	736.8	734.7	732.7	730.6	728.6	727.3	726.0
120°	803.4	803.4	803.4	803.4	802.4	800.3	798.3	796.2	794.2	793.4	792.6
122.5°	866.2	865.9	865.6	865.5	864.9	863.6	862.3	861.1	859.8	858.8	857.8
125°	924.4	923.9	923.4	923.1	922.8	922.3	921.8	921.3	920.8	919.8	918.8
127.5°	983.9	984.4	984.9	985.2	984.8	984.1	983.3	982.6	981.8	980.5	979.2
130°	1039.2	1039.7	1040.2	1040.5	1040.0	1039.0	1037.9	1036.9	1035.9	1034.9	1033.9
132.5°	1090.4	1091.1	1091.9	1092.3	1091.8	1090.8	1089.7	1088.7	1087.7	1086.9	1086.1
135°	1142.2	1142.9	1143.7	1144.1	1143.7	1142.9	1142.2	1141.4	1140.6	1139.6	1138.6
137.5°	1191.1	1191.6	1192.1	1192.4	1191.8	1190.5	1189.2	1188.0	1186.7	1186.2	1185.7
140°	1234.8	1235.3	1235.8	1236.1	1235.6	1234.6	1233.5	1232.5	1231.5	1230.7	1230.0
142.5°	1275.7	1276.4	1277.2	1277.6	1277.2	1276.4	1275.7	1274.9	1274.1	1273.3	1272.6
145°	1315.6	1315.6	1315.6	1315.6	1315.3	1314.8	1314.3	1313.8	1313.3	1312.8	1312.3
147.5°	1348.0	1349.3	1350.6	1351.2	1350.9	1350.4	1349.9	1349.4	1348.9	1348.4	1347.9
150°	1381.6	1382.3	1383.1	1383.5	1383.2	1382.7	1382.2	1381.7	1381.2	1380.7	1380.2
152.5°	1410.2	1411.5	1412.8	1413.4	1412.9	1411.9	1410.8	1409.8	1408.8	1408.5	1408.3
155°	1436.1	1437.6	1439.1	1439.9	1439.3	1438.0	1436.7	1435.4	1434.1	1433.9	1433.6
157.5°	1458.9	1460.9	1463.0	1464.0	1463.2	1461.7	1460.2	1458.6	1457.1	1457.4	1457.6
160°	1479.2	1480.9	1482.7	1483.6	1482.8	1481.3	1479.8	1478.2	1476.7	1477.0	1477.2
162.5°	1498.2	1499.7	1501.2	1502.0	1501.1	1499.3	1497.6	1495.8	1494.0	1494.2	1494.5
165°	1513.7	1515.4	1517.2	1518.1	1517.1	1515.0	1513.0	1510.9	1508.9	1509.2	1509.4
167.5°	1525.7	1527.7	1529.8	1530.8	1529.8	1527.7	1525.7	1523.6	1521.6	1521.6	1521.6
170°	1536.0	1538.1	1540.2	1541.2	1540.2	1538.1	1536.0	1534.0	1531.9	1531.9	1531.9
172.5°	1542.3	1544.6	1546.9	1548.1	1547.1	1545.0	1543.0	1540.9	1538.9	1538.6	1538.4
175°	1547.6	1549.6	1551.7	1552.7	1551.8	1550.0	1548.2	1546.4	1544.6	1544.4	1544.1
177.5°	1549.7	1552.3	1554.8	1556.1	1555.1	1553.0	1551.0	1548.9	1546.9	1546.7	1546.4
180°	1549.2	1549.2	1549.2	1549.2	1549.2	1549.2	1549.2	1549.2	1549.2	1549.2	1549.2

TEST NUMBER: P1010879

CATALOG NUMBER: S123RDIP-B340D1195UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
0°	525.3	525.3	525.3	525.3	525.3	525.3	525.3	525.3	525.3	525.3	525.3
2.5°	543.7	541.5	539.2	539.2	534.3	529.8	527.5	528.4	525.7	522.1	518.5
5°	567.6	558.6	556.8	551.8	545.1	535.6	530.7	526.2	520.8	513.6	506.9
7.5°	589.6	577.9	571.6	566.7	553.6	540.6	529.8	522.6	513.1	502.4	494.3
10°	618.4	596.8	590.1	578.8	560.4	541.9	529.3	517.6	504.6	492.0	481.2
12.5°	641.3	616.6	604.0	592.7	568.9	545.5	524.4	510.0	494.3	480.3	466.4
15°	667.4	639.5	617.5	604.0	573.9	545.5	521.7	501.5	483.9	466.8	454.7
17.5°	680.0	644.9	635.0	615.7	572.1	543.7	514.5	492.9	471.8	452.0	437.6
20°	699.8	658.9	634.1	621.1	582.4	540.6	506.4	481.7	459.6	438.5	423.2
22.5°	701.1	656.6	640.4	615.7	568.0	531.1	499.2	469.1	443.4	423.6	407.9
25°	698.0	652.6	630.1	610.3	570.7	525.7	484.8	455.1	429.9	407.0	388.6
27.5°	696.6	640.9	619.7	599.9	555.4	510.0	476.3	442.5	413.8	393.5	374.6
30°	694.8	628.3	602.6	579.7	538.8	497.9	457.4	428.1	400.7	375.1	356.2
32.5°	683.1	611.2	585.1	560.8	516.7	475.8	443.9	412.9	383.2	359.3	342.2
35°	679.5	595.4	561.3	535.2	492.0	455.6	421.9	396.2	368.3	344.5	324.3
37.5°	669.2	579.3	542.4	509.1	464.1	429.5	404.8	379.1	352.1	326.5	310.3
40°	651.2	560.4	518.5	484.4	438.0	403.0	380.0	361.1	334.6	311.7	291.9
42.5°	624.7	541.0	496.1	460.1	408.8	376.0	357.1	339.1	316.6	292.8	276.6
45°	594.1	515.4	473.6	433.5	381.4	349.4	329.7	318.9	298.2	277.9	259.0
47.5°	552.3	488.9	447.5	406.1	353.0	322.0	306.3	295.5	281.1	259.0	243.8
50°	499.7	454.7	415.6	378.7	325.2	295.5	279.7	271.6	259.5	243.8	228.9
52.5°	441.2	415.1	382.7	348.5	296.8	268.9	254.5	248.3	239.3	224.4	211.8
55°	382.3	371.0	349.0	315.3	267.1	244.2	231.6	223.5	216.8	206.0	195.2
57.5°	329.7	324.3	309.0	282.9	242.4	218.6	207.8	202.4	197.0	188.9	178.1
60°	275.2	281.1	265.3	252.3	215.4	194.7	185.3	179.4	176.7	169.5	162.8
62.5°	228.0	233.4	224.4	214.5	188.4	170.0	164.2	158.8	157.0	150.7	143.9
65°	185.3	192.0	185.3	179.9	164.2	148.9	141.7	139.0	137.2	133.1	127.7
67.5°	147.5	154.3	151.1	144.4	139.4	126.8	122.8	120.1	119.2	116.0	111.5
70°	111.1	120.5	121.4	117.4	112.9	107.0	104.3	103.4	101.2	98.5	95.8
72.5°	80.1	90.8	91.3	91.3	88.6	88.6	85.9	84.6	84.6	81.9	78.7
75°	58.9	66.1	67.0	67.9	69.3	70.6	68.8	68.8	68.4	65.7	64.3
77.5°	39.1	45.4	47.7	50.8	52.6	52.6	53.5	54.4	53.5	52.2	51.3
80°	25.2	29.7	32.4	34.2	36.9	38.2	39.6	40.0	39.1	38.7	37.3
82.5°	16.6	18.0	19.3	21.6	24.7	27.0	27.0	26.5	27.4	27.0	26.5
85°	9.4	10.3	10.8	11.2	13.0	15.3	15.7	16.2	17.1	16.2	15.3
87.5°	3.6	4.0	4.0	4.0	4.9	5.4	6.7	8.5	8.1	7.2	7.2
90°	17.7	14.4	12.7	11.4	8.9	6.3	3.8	1.2	3.8	6.3	8.9
92.5°	23.0	20.7	19.6	20.4	21.9	23.4	25.0	26.5	25.0	23.4	21.9
95°	27.2	24.4	23.0	28.2	38.7	49.2	59.7	70.2	59.7	49.2	38.7
97.5°	75.9	89.0	95.5	99.1	106.3	113.4	120.6	127.8	120.6	113.4	106.3
100°	157.7	197.6	217.5	214.9	209.8	204.7	199.6	194.5	199.6	204.7	209.8
102.5°	218.7	263.2	285.4	283.7	280.4	277.1	273.8	270.5	273.8	277.1	280.4
105°	321.2	344.2	355.7	354.3	351.5	348.6	345.8	343.0	345.8	348.6	351.5
107.5°	436.2	432.4	430.5	429.3	427.0	424.7	422.4	420.1	422.4	424.7	427.0
110°	510.6	507.8	506.4	505.4	503.3	501.3	499.2	497.2	499.2	501.3	503.3

TEST NUMBER: P1010879

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CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
112.5°	583.1	580.3	578.9	578.0	576.2	574.5	572.7	570.9	572.7	574.5	576.2
115°	653.8	651.5	650.3	649.5	648.0	646.5	644.9	643.4	644.9	646.5	648.0
117.5°	724.7	723.4	722.8	721.9	720.1	718.4	716.6	714.8	716.6	718.4	720.1
120°	791.9	791.1	790.7	789.6	787.3	785.0	782.7	780.4	782.7	785.0	787.3
122.5°	856.7	855.7	855.2	854.3	852.5	850.7	848.9	847.1	848.9	850.7	852.5
125°	917.7	916.7	916.2	915.2	913.1	911.1	909.0	907.0	909.0	911.1	913.1
127.5°	977.9	976.6	976.0	975.0	972.9	970.9	968.8	966.8	968.8	970.9	972.9
130°	1032.8	1031.8	1031.3	1030.3	1028.2	1026.2	1024.1	1022.1	1024.1	1026.2	1028.2
132.5°	1085.4	1084.6	1084.2	1083.2	1081.1	1079.1	1077.0	1075.0	1077.0	1079.1	1081.1
135°	1137.5	1136.5	1136.0	1135.2	1133.7	1132.2	1130.6	1129.1	1130.6	1132.2	1133.7
137.5°	1185.2	1184.7	1184.4	1183.4	1181.3	1179.2	1177.2	1175.1	1177.2	1179.2	1181.3
140°	1229.2	1228.5	1228.1	1227.3	1225.8	1224.3	1222.7	1221.2	1222.7	1224.3	1225.8
142.5°	1271.8	1271.1	1270.7	1269.9	1268.4	1266.9	1265.3	1263.8	1265.3	1266.9	1268.4
145°	1311.8	1311.3	1311.0	1310.1	1308.3	1306.5	1304.7	1302.9	1304.7	1306.5	1308.3
147.5°	1347.4	1346.9	1346.6	1346.0	1344.7	1343.4	1342.2	1340.9	1342.2	1343.4	1344.7
150°	1379.7	1379.2	1378.9	1378.5	1377.7	1377.0	1376.2	1375.4	1376.2	1377.0	1377.7
152.5°	1408.0	1407.7	1407.6	1407.5	1407.2	1407.0	1406.7	1406.5	1406.7	1407.0	1407.2
155°	1433.4	1433.1	1433.0	1433.3	1433.8	1434.3	1434.8	1435.3	1434.8	1434.3	1433.8
157.5°	1457.9	1458.2	1458.3	1458.3	1458.3	1458.3	1458.3	1458.3	1458.3	1458.3	1458.3
160°	1477.5	1477.8	1477.9	1478.0	1478.3	1478.5	1478.8	1479.0	1478.8	1478.5	1478.3
162.5°	1494.7	1495.0	1495.1	1495.5	1496.3	1497.0	1497.8	1498.6	1497.8	1497.0	1496.3
165°	1509.7	1510.0	1510.1	1510.5	1511.2	1512.0	1512.7	1513.5	1512.7	1512.0	1511.2
167.5°	1521.6	1521.6	1521.6	1522.1	1523.1	1524.2	1525.2	1526.2	1525.2	1524.2	1523.1
170°	1531.9	1531.9	1531.9	1532.4	1533.5	1534.5	1535.6	1536.6	1535.6	1534.5	1533.5
172.5°	1538.1	1537.8	1537.7	1538.3	1539.6	1540.9	1542.2	1543.5	1542.2	1540.9	1539.6
175°	1543.9	1543.6	1543.5	1544.1	1545.4	1546.7	1547.9	1549.2	1547.9	1546.7	1545.4
177.5°	1546.2	1545.9	1545.8	1546.4	1547.7	1549.0	1550.2	1551.5	1550.2	1549.0	1547.7
180°	1549.2	1549.2	1549.2	1549.2	1549.2	1549.2	1549.2	1549.2	1549.2	1549.2	1549.2

TEST NUMBER: P1010879

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CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
0°	525.3	525.3	525.3	525.3	525.3	525.3	525.3	525.3	525.3	525.3	525.3
2.5°	518.5	516.3	515.4	513.1	507.7	504.2	500.1	497.4	497.9	495.6	497.0
5°	502.4	501.9	498.8	494.3	486.6	482.6	475.4	471.8	470.0	470.4	467.7
7.5°	488.9	484.8	482.6	475.4	468.2	459.6	453.8	450.6	447.9	445.2	443.4
10°	473.6	470.0	466.4	458.7	448.8	440.7	432.6	429.5	425.4	423.6	422.3
12.5°	457.4	455.1	450.6	441.6	430.4	422.8	413.3	411.5	406.1	402.5	401.6
15°	442.5	441.2	433.1	422.8	411.5	403.9	395.8	390.4	381.4	383.2	380.0
17.5°	426.8	421.0	416.0	402.1	396.7	385.0	375.5	372.8	366.5	362.5	358.4
20°	409.3	405.7	399.4	390.4	377.3	363.8	356.6	352.1	348.5	342.2	340.4
22.5°	392.6	388.1	382.7	371.0	359.8	348.5	338.6	334.6	330.1	325.6	322.9
25°	379.6	372.8	367.0	352.6	341.3	331.9	325.6	318.9	312.6	309.9	309.0
27.5°	359.3	355.3	349.4	336.0	325.6	315.3	309.4	304.9	298.2	295.0	292.3
30°	346.3	338.2	331.5	320.7	310.3	299.1	293.7	288.3	284.2	280.2	277.0
32.5°	328.8	322.5	317.1	306.3	295.9	285.6	279.7	271.6	269.4	266.2	262.6
35°	311.7	307.6	301.8	290.1	278.8	271.6	265.3	257.7	255.0	252.8	249.6
37.5°	295.5	289.6	285.6	274.3	264.4	255.9	251.0	244.7	242.9	240.2	237.9
40°	281.5	275.7	271.6	260.4	250.1	241.1	237.9	231.6	228.9	225.8	224.4
42.5°	265.8	260.8	255.4	247.4	236.6	227.6	221.3	217.7	214.1	212.7	210.0
45°	249.2	244.7	240.6	231.6	220.4	214.1	208.7	203.7	201.0	198.8	197.0
47.5°	234.8	230.7	225.3	215.4	206.4	200.6	195.2	190.2	187.5	184.8	182.6
50°	218.1	215.9	210.0	200.6	192.0	185.3	180.3	175.8	174.0	170.9	167.3
52.5°	203.3	199.2	194.3	186.6	179.0	170.9	164.2	161.5	158.3	156.5	153.4
55°	185.7	183.0	177.6	170.9	162.8	156.1	151.1	147.5	143.5	141.7	137.6
57.5°	170.9	166.0	163.3	154.7	147.1	140.3	136.7	133.1	128.6	125.9	124.1
60°	154.7	150.2	146.2	139.0	133.6	126.4	121.0	117.8	114.7	111.1	109.3
62.5°	139.0	135.4	130.4	124.6	117.8	112.0	107.9	103.4	101.6	98.0	96.7
65°	121.9	119.2	115.1	108.4	103.0	98.0	94.0	90.4	88.6	87.2	86.3
67.5°	106.6	103.0	100.3	94.4	88.6	84.6	82.3	80.1	77.8	76.5	75.1
70°	90.8	88.1	85.4	80.1	76.0	72.4	70.6	68.8	67.5	66.1	64.8
72.5°	74.7	73.3	70.6	67.0	63.9	61.2	59.8	57.6	56.2	54.0	53.1
75°	61.6	59.4	58.0	54.9	52.2	49.9	48.1	45.4	43.6	42.7	42.3
77.5°	48.6	47.7	45.9	43.2	41.8	39.6	36.9	36.0	35.1	35.1	34.6
80°	36.4	35.1	33.7	31.5	30.1	28.3	28.3	28.3	27.9	28.3	27.9
82.5°	24.7	23.8	22.9	21.6	21.1	21.1	21.6	21.6	21.6	21.6	21.6
85°	14.4	14.4	14.4	14.8	14.4	14.4	14.8	15.3	14.8	14.8	14.4
87.5°	6.7	6.7	7.2	7.2	7.6	7.6	7.6	7.6	7.6	7.6	8.1
90°	11.4	12.7	14.4	17.7	21.0	24.3	27.6	28.6	29.6	30.7	31.7
92.5°	20.4	19.6	20.7	23.0	25.3	27.6	29.9	31.7	33.5	35.3	37.1
95°	28.2	23.0	24.4	27.2	30.1	32.9	35.7	37.5	39.3	41.0	42.8
97.5°	99.1	95.5	89.0	75.9	62.9	49.8	36.8	38.8	40.9	42.9	45.0
100°	214.9	217.5	197.6	157.7	117.8	77.9	38.0	40.0	42.1	44.1	46.2
102.5°	283.7	285.4	263.2	218.7	174.2	129.7	85.2	76.8	68.3	59.9	51.4
105°	354.3	355.7	344.2	321.2	298.1	275.1	252.1	206.8	161.5	116.2	70.9
107.5°	429.3	430.5	432.4	436.2	440.1	443.9	447.7	408.3	368.9	329.6	290.2
110°	505.4	506.4	507.8	510.6	513.5	516.3	519.1	510.7	502.2	493.8	485.3

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CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
112.5°	578.0	578.9	580.3	583.1	586.0	588.8	591.6	593.9	596.2	598.5	600.8
115°	649.5	650.3	651.5	653.8	656.1	658.4	660.7	663.3	665.8	668.4	670.9
117.5°	721.9	722.8	723.4	724.7	726.0	727.3	728.6	730.6	732.7	734.7	736.8
120°	789.6	790.7	791.1	791.9	792.6	793.4	794.2	796.2	798.3	800.3	802.4
122.5°	854.3	855.2	855.7	856.7	857.8	858.8	859.8	861.1	862.3	863.6	864.9
125°	915.2	916.2	916.7	917.7	918.8	919.8	920.8	921.3	921.8	922.3	922.8
127.5°	975.0	976.0	976.6	977.9	979.2	980.5	981.8	982.6	983.3	984.1	984.8
130°	1030.3	1031.3	1031.8	1032.8	1033.9	1034.9	1035.9	1036.9	1037.9	1039.0	1040.0
132.5°	1083.2	1084.2	1084.6	1085.4	1086.1	1086.9	1087.7	1088.7	1089.7	1090.8	1091.8
135°	1135.2	1136.0	1136.5	1137.5	1138.6	1139.6	1140.6	1141.4	1142.2	1142.9	1143.7
137.5°	1183.4	1184.4	1184.7	1185.2	1185.7	1186.2	1186.7	1188.0	1189.2	1190.5	1191.8
140°	1227.3	1228.1	1228.5	1229.2	1230.0	1230.7	1231.5	1232.5	1233.5	1234.6	1235.6
142.5°	1269.9	1270.7	1271.1	1271.8	1272.6	1273.3	1274.1	1274.9	1275.7	1276.4	1277.2
145°	1310.1	1311.0	1311.3	1311.8	1312.3	1312.8	1313.3	1313.8	1314.3	1314.8	1315.3
147.5°	1346.0	1346.6	1346.9	1347.4	1347.9	1348.4	1348.9	1349.4	1349.9	1350.4	1350.9
150°	1378.5	1378.9	1379.2	1379.7	1380.2	1380.7	1381.2	1381.7	1382.2	1382.7	1383.2
152.5°	1407.5	1407.6	1407.7	1408.0	1408.3	1408.5	1408.8	1409.8	1410.8	1411.9	1412.9
155°	1433.3	1433.0	1433.1	1433.4	1433.6	1433.9	1434.1	1435.4	1436.7	1438.0	1439.3
157.5°	1458.3	1458.3	1458.2	1457.9	1457.6	1457.4	1457.1	1458.6	1460.2	1461.7	1463.2
160°	1478.0	1477.9	1477.8	1477.5	1477.2	1477.0	1476.7	1478.2	1479.8	1481.3	1482.8
162.5°	1495.5	1495.1	1495.0	1494.7	1494.5	1494.2	1494.0	1495.8	1497.6	1499.3	1501.1
165°	1510.5	1510.1	1510.0	1509.7	1509.4	1509.2	1508.9	1510.9	1513.0	1515.0	1517.1
167.5°	1522.1	1521.6	1521.6	1521.6	1521.6	1521.6	1521.6	1523.6	1525.7	1527.7	1529.8
170°	1532.4	1531.9	1531.9	1531.9	1531.9	1531.9	1531.9	1534.0	1536.0	1538.1	1540.2
172.5°	1538.3	1537.7	1537.8	1538.1	1538.4	1538.6	1538.9	1540.9	1543.0	1545.0	1547.1
175°	1544.1	1543.5	1543.6	1543.9	1544.1	1544.4	1544.6	1546.4	1548.2	1550.0	1551.8
177.5°	1546.4	1545.8	1545.9	1546.2	1546.4	1546.7	1546.9	1548.9	1551.0	1553.0	1555.1
180°	1549.2	1549.2	1549.2	1549.2	1549.2	1549.2	1549.2	1549.2	1549.2	1549.2	1549.2

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CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
0°	525.3	525.3	525.3	525.3	525.3	525.3	525.3	525.3	525.3	525.3	525.3
2.5°	496.5	497.0	495.6	492.9	492.5	493.4	496.1	495.2	492.9	497.0	493.4
5°	469.1	466.8	465.9	466.8	464.1	462.8	465.5	464.1	465.5	465.9	467.3
7.5°	442.5	443.0	440.3	440.7	437.1	438.0	438.0	438.0	439.4	440.3	442.1
10°	419.6	420.5	417.4	417.8	415.1	413.3	414.7	417.4	417.4	417.4	418.3
12.5°	401.2	397.1	394.9	394.4	391.3	390.4	393.1	394.0	396.2	396.2	397.6
15°	378.2	377.3	375.5	375.5	367.9	369.7	370.6	373.7	378.2	374.6	375.5
17.5°	357.5	355.3	353.0	352.1	351.2	348.5	352.1	351.7	354.4	354.8	356.2
20°	339.1	337.3	332.8	333.3	334.2	330.1	332.4	332.4	335.1	337.8	340.9
22.5°	321.1	319.3	317.1	318.0	315.3	314.4	314.4	316.6	319.8	322.0	321.6
25°	307.2	304.0	302.7	301.3	300.0	300.9	299.5	301.8	304.0	305.4	304.0
27.5°	291.4	290.1	287.4	286.0	283.8	284.7	285.6	287.4	288.7	288.7	290.1
30°	276.1	274.3	273.4	272.1	272.1	270.3	270.7	272.5	273.9	275.2	277.0
32.5°	261.3	259.9	258.6	258.6	257.7	257.2	256.8	259.5	259.5	262.2	262.2
35°	249.2	246.9	246.9	244.7	245.6	245.1	244.2	246.0	246.5	248.3	247.8
37.5°	235.7	235.7	234.8	232.5	230.7	231.2	233.4	233.4	234.8	234.3	235.7
40°	222.2	221.3	221.3	219.9	219.5	219.0	219.5	219.9	222.2	221.7	222.2
42.5°	208.7	209.1	206.9	206.9	206.9	205.5	206.0	206.4	207.3	208.2	209.6
45°	195.6	194.7	194.3	193.4	192.5	192.9	192.5	194.3	193.8	194.7	196.1
47.5°	181.7	180.3	179.9	178.1	178.1	179.0	178.5	179.9	180.3	181.7	180.8
50°	168.2	166.4	165.1	165.5	162.8	163.7	163.7	165.1	166.4	166.9	167.8
52.5°	152.5	152.0	151.6	149.3	148.9	148.4	148.9	149.3	151.1	152.5	152.9
55°	137.2	136.7	134.0	133.1	131.8	131.8	132.7	133.1	136.3	136.7	138.5
57.5°	123.2	121.9	118.7	118.3	118.3	118.3	116.9	118.7	119.6	121.9	121.9
60°	107.9	107.9	105.2	105.2	105.7	105.2	105.2	105.7	105.7	107.5	108.4
62.5°	95.8	95.3	95.3	94.4	94.0	94.4	94.0	94.0	94.4	95.8	97.1
65°	85.0	84.6	84.1	83.7	82.8	82.8	83.2	84.1	84.1	85.0	85.4
67.5°	74.7	74.7	73.8	73.8	73.3	72.9	73.3	72.9	74.7	74.7	75.1
70°	64.3	63.9	62.5	62.1	60.7	61.2	61.2	62.5	63.0	63.9	64.8
72.5°	51.7	51.7	50.8	49.9	50.4	49.5	49.5	49.9	49.9	51.3	51.7
75°	42.7	41.8	41.4	41.8	41.4	42.3	41.4	41.4	42.3	42.3	42.3
77.5°	35.1	35.1	34.6	34.6	35.1	34.6	35.1	35.1	35.1	34.6	35.1
80°	28.8	28.3	28.3	28.3	27.9	27.9	27.9	27.9	27.9	27.9	27.9
82.5°	21.6	21.6	21.1	21.6	21.6	21.1	21.6	21.1	21.1	21.6	21.6
85°	14.4	15.3	14.4	14.4	14.8	14.8	15.3	14.8	15.3	14.4	14.8
87.5°	7.6	8.1	8.1	7.6	7.6	8.1	8.1	8.1	8.5	7.6	8.1
90°	32.2	32.5	33.0	33.5	34.0	34.5	34.0	33.5	33.0	32.5	32.2
92.5°	38.0	38.1	38.4	38.6	38.9	39.1	38.9	38.6	38.4	38.1	38.0
95°	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7
97.5°	46.0	46.1	46.4	46.7	46.9	47.2	46.9	46.7	46.4	46.1	46.0
100°	47.2	47.3	47.6	47.8	48.1	48.3	48.1	47.8	47.6	47.3	47.2
102.5°	47.2	47.5	48.0	48.5	49.0	49.5	49.0	48.5	48.0	47.5	47.2
105°	48.3	48.6	49.1	49.6	50.1	50.6	50.1	49.6	49.1	48.6	48.3
107.5°	270.5	253.7	220.2	186.7	153.2	119.7	153.2	186.7	220.2	253.7	270.5
110°	481.1	462.8	426.2	389.7	353.1	316.5	353.1	389.7	426.2	462.8	481.1

TEST NUMBER: P1010879

CATALOG NUMBER: S123RDIP-B340D1195UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
112.5°	602.0	601.7	601.2	600.7	600.2	599.7	600.2	600.7	601.2	601.7	602.0
115°	672.2	672.7	673.7	674.8	675.8	676.8	675.8	674.8	673.7	672.7	672.2
117.5°	737.8	737.9	738.2	738.4	738.7	738.9	738.7	738.4	738.2	737.9	737.8
120°	803.4	803.4	803.4	803.4	803.4	803.4	803.4	803.4	803.4	803.4	803.4
122.5°	865.5	865.6	865.9	866.2	866.4	866.7	866.4	866.2	865.9	865.6	865.5
125°	923.1	923.4	923.9	924.4	924.9	925.4	924.9	924.4	923.9	923.4	923.1
127.5°	985.2	984.9	984.4	983.9	983.4	982.9	983.4	983.9	984.4	984.9	985.2
130°	1040.5	1040.2	1039.7	1039.2	1038.7	1038.2	1038.7	1039.2	1039.7	1040.2	1040.5
132.5°	1092.3	1091.9	1091.1	1090.4	1089.6	1088.8	1089.6	1090.4	1091.1	1091.9	1092.3
135°	1144.1	1143.7	1142.9	1142.2	1141.4	1140.6	1141.4	1142.2	1142.9	1143.7	1144.1
137.5°	1192.4	1192.1	1191.6	1191.1	1190.6	1190.1	1190.6	1191.1	1191.6	1192.1	1192.4
140°	1236.1	1235.8	1235.3	1234.8	1234.3	1233.8	1234.3	1234.8	1235.3	1235.8	1236.1
142.5°	1277.6	1277.2	1276.4	1275.7	1274.9	1274.1	1274.9	1275.7	1276.4	1277.2	1277.6
145°	1315.6	1315.6	1315.6	1315.6	1315.6	1315.6	1315.6	1315.6	1315.6	1315.6	1315.6
147.5°	1351.2	1350.6	1349.3	1348.0	1346.8	1345.5	1346.8	1348.0	1349.3	1350.6	1351.2
150°	1383.5	1383.1	1382.3	1381.6	1380.8	1380.0	1380.8	1381.6	1382.3	1383.1	1383.5
152.5°	1413.4	1412.8	1411.5	1410.2	1408.9	1407.6	1408.9	1410.2	1411.5	1412.8	1413.4
155°	1439.9	1439.1	1437.6	1436.1	1434.5	1433.0	1434.5	1436.1	1437.6	1439.1	1439.9
157.5°	1464.0	1463.0	1460.9	1458.9	1456.8	1454.8	1456.8	1458.9	1460.9	1463.0	1464.0
160°	1483.6	1482.7	1480.9	1479.2	1477.4	1475.6	1477.4	1479.2	1480.9	1482.7	1483.6
162.5°	1502.0	1501.2	1499.7	1498.2	1496.6	1495.1	1496.6	1498.2	1499.7	1501.2	1502.0
165°	1518.1	1517.2	1515.4	1513.7	1511.9	1510.1	1511.9	1513.7	1515.4	1517.2	1518.1
167.5°	1530.8	1529.8	1527.7	1525.7	1523.6	1521.6	1523.6	1525.7	1527.7	1529.8	1530.8
170°	1541.2	1540.2	1538.1	1536.0	1534.0	1531.9	1534.0	1536.0	1538.1	1540.2	1541.2
172.5°	1548.1	1546.9	1544.6	1542.3	1540.0	1537.7	1540.0	1542.3	1544.6	1546.9	1548.1
175°	1552.7	1551.7	1549.6	1547.6	1545.5	1543.5	1545.5	1547.6	1549.6	1551.7	1552.7
177.5°	1556.1	1554.8	1552.3	1549.7	1547.2	1544.6	1547.2	1549.7	1552.3	1554.8	1556.1
180°	1549.2	1549.2	1549.2	1549.2	1549.2	1549.2	1549.2	1549.2	1549.2	1549.2	1549.2

TEST NUMBER: P1010879

CATALOG NUMBER: S123RDIP-B340D1195UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
0°	525.3	525.3	525.3	525.3	525.3	525.3	525.3	525.3	525.3	525.3	525.3
2.5°	497.0	498.8	497.0	493.4	497.0	499.2	501.5	505.1	506.9	506.9	509.5
5°	468.6	472.2	470.9	470.0	473.6	475.8	479.4	483.9	488.9	492.0	495.6
7.5°	443.4	445.7	447.9	447.9	451.5	456.5	461.9	467.3	473.6	478.1	480.8
10°	421.4	423.2	424.5	426.3	431.7	437.1	444.3	451.1	456.5	461.4	465.9
12.5°	400.3	403.0	406.1	407.5	411.5	418.3	425.0	433.1	441.6	446.6	451.1
15°	380.0	381.4	385.0	389.0	392.6	399.8	408.4	416.9	424.1	431.7	435.8
17.5°	359.3	359.8	369.2	367.0	378.7	385.4	389.9	398.0	409.7	416.0	422.3
20°	339.1	343.6	347.6	349.9	356.2	363.8	376.9	383.2	392.6	398.5	403.9
22.5°	323.4	330.1	330.1	335.5	338.6	345.8	355.3	367.4	377.8	381.8	389.5
25°	309.4	312.6	318.0	319.8	325.6	331.9	338.2	351.2	362.5	367.9	373.3
27.5°	291.4	295.5	302.7	302.7	310.3	317.1	324.7	333.3	344.5	352.1	358.0
30°	277.5	281.5	284.7	289.6	292.8	299.1	312.6	318.9	328.8	335.5	342.7
32.5°	264.4	267.6	270.3	275.7	279.3	286.5	293.7	304.9	313.5	319.8	327.4
35°	250.1	253.2	256.8	260.8	266.2	273.0	279.7	289.2	297.7	303.6	309.9
37.5°	236.6	238.8	244.2	246.9	251.4	257.7	266.2	276.1	283.8	288.3	294.6
40°	223.5	225.3	229.4	234.3	237.5	242.4	251.4	259.9	269.4	274.8	279.7
42.5°	209.6	211.8	215.4	220.4	225.3	230.7	235.7	245.6	254.1	258.6	264.0
45°	197.4	198.8	201.5	206.4	211.4	215.4	223.1	232.1	240.2	243.8	249.6
47.5°	183.0	184.4	188.4	190.7	196.1	201.5	209.1	218.1	225.3	228.9	234.3
50°	168.2	169.5	172.2	177.2	180.8	186.6	193.4	201.0	210.0	215.0	218.1
52.5°	153.8	156.5	158.8	162.8	167.3	173.1	179.4	186.6	194.3	199.2	202.8
55°	139.4	141.7	144.4	146.6	152.0	157.4	164.6	171.3	178.1	182.6	186.6
57.5°	123.2	126.4	129.1	133.6	137.6	142.1	150.2	155.6	163.7	166.9	170.4
60°	109.3	112.4	114.7	118.3	121.9	127.7	133.1	139.9	146.6	150.7	155.2
62.5°	97.6	98.9	100.3	103.9	107.5	112.9	118.3	125.0	132.2	134.5	138.1
65°	85.9	87.2	89.5	92.6	95.3	98.5	104.3	109.7	116.5	120.1	121.4
67.5°	76.0	77.4	77.8	80.1	82.3	85.9	89.0	94.4	100.7	103.0	105.7
70°	64.8	67.0	67.5	69.3	70.2	72.4	76.0	80.1	85.0	89.0	91.3
72.5°	51.7	54.9	55.8	58.5	59.8	62.1	64.8	67.9	71.1	72.9	74.7
75°	42.3	43.2	43.6	45.9	48.1	51.3	52.6	54.4	57.1	59.4	61.2
77.5°	35.1	35.5	36.0	36.0	36.4	38.2	40.9	43.2	45.0	45.9	47.2
80°	28.3	27.9	27.9	28.3	28.3	28.3	29.2	32.4	33.3	35.5	35.1
82.5°	22.0	21.1	21.6	21.1	21.1	21.1	21.1	21.6	21.6	22.9	23.8
85°	14.4	14.8	14.4	14.4	13.9	14.4	13.9	13.9	13.5	13.5	13.0
87.5°	7.6	8.1	7.6	7.6	7.2	7.6	7.2	7.2	6.7	6.7	5.8
90°	31.7	30.7	29.6	28.6	27.6	24.3	21.0	17.7	14.4	12.7	11.4
92.5°	37.1	35.3	33.5	31.7	29.9	27.6	25.3	23.0	20.7	19.6	20.4
95°	42.8	41.0	39.3	37.5	35.7	32.9	30.1	27.2	24.4	23.0	28.2
97.5°	45.0	42.9	40.9	38.8	36.8	49.8	62.9	75.9	89.0	95.5	99.1
100°	46.2	44.1	42.1	40.0	38.0	77.9	117.8	157.7	197.6	217.5	214.9
102.5°	51.4	59.9	68.3	76.8	85.2	129.7	174.2	218.7	263.2	285.4	283.7
105°	70.9	116.2	161.5	206.8	252.1	275.1	298.1	321.2	344.2	355.7	354.3
107.5°	290.2	329.6	368.9	408.3	447.7	443.9	440.1	436.2	432.4	430.5	429.3
110°	485.3	493.8	502.2	510.7	519.1	516.3	513.5	510.6	507.8	506.4	505.4

TEST NUMBER: P1010879

CATALOG NUMBER: S123RDIP-B340D1195UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
112.5°	600.8	598.5	596.2	593.9	591.6	588.8	586.0	583.1	580.3	578.9	578.0
115°	670.9	668.4	665.8	663.3	660.7	658.4	656.1	653.8	651.5	650.3	649.5
117.5°	736.8	734.7	732.7	730.6	728.6	727.3	726.0	724.7	723.4	722.8	721.9
120°	802.4	800.3	798.3	796.2	794.2	793.4	792.6	791.9	791.1	790.7	789.6
122.5°	864.9	863.6	862.3	861.1	859.8	858.8	857.8	856.7	855.7	855.2	854.3
125°	922.8	922.3	921.8	921.3	920.8	919.8	918.8	917.7	916.7	916.2	915.2
127.5°	984.8	984.1	983.3	982.6	981.8	980.5	979.2	977.9	976.6	976.0	975.0
130°	1040.0	1039.0	1037.9	1036.9	1035.9	1034.9	1033.9	1032.8	1031.8	1031.3	1030.3
132.5°	1091.8	1090.8	1089.7	1088.7	1087.7	1086.9	1086.1	1085.4	1084.6	1084.2	1083.2
135°	1143.7	1142.9	1142.2	1141.4	1140.6	1139.6	1138.6	1137.5	1136.5	1136.0	1135.2
137.5°	1191.8	1190.5	1189.2	1188.0	1186.7	1186.2	1185.7	1185.2	1184.7	1184.4	1183.4
140°	1235.6	1234.6	1233.5	1232.5	1231.5	1230.7	1230.0	1229.2	1228.5	1228.1	1227.3
142.5°	1277.2	1276.4	1275.7	1274.9	1274.1	1273.3	1272.6	1271.8	1271.1	1270.7	1269.9
145°	1315.3	1314.8	1314.3	1313.8	1313.3	1312.8	1312.3	1311.8	1311.3	1311.0	1310.1
147.5°	1350.9	1350.4	1349.9	1349.4	1348.9	1348.4	1347.9	1347.4	1346.9	1346.6	1346.0
150°	1383.2	1382.7	1382.2	1381.7	1381.2	1380.7	1380.2	1379.7	1379.2	1378.9	1378.5
152.5°	1412.9	1411.9	1410.8	1409.8	1408.8	1408.5	1408.3	1408.0	1407.7	1407.6	1407.5
155°	1439.3	1438.0	1436.7	1435.4	1434.1	1433.9	1433.6	1433.4	1433.1	1433.0	1433.3
157.5°	1463.2	1461.7	1460.2	1458.6	1457.1	1457.4	1457.6	1457.9	1458.2	1458.3	1458.3
160°	1482.8	1481.3	1479.8	1478.2	1476.7	1477.0	1477.2	1477.5	1477.8	1477.9	1478.0
162.5°	1501.1	1499.3	1497.6	1495.8	1494.0	1494.2	1494.5	1494.7	1495.0	1495.1	1495.5
165°	1517.1	1515.0	1513.0	1510.9	1508.9	1509.2	1509.4	1509.7	1510.0	1510.1	1510.5
167.5°	1529.8	1527.7	1525.7	1523.6	1521.6	1521.6	1521.6	1521.6	1521.6	1521.6	1522.1
170°	1540.2	1538.1	1536.0	1534.0	1531.9	1531.9	1531.9	1531.9	1531.9	1531.9	1532.4
172.5°	1547.1	1545.0	1543.0	1540.9	1538.9	1538.6	1538.4	1538.1	1537.8	1537.7	1538.3
175°	1551.8	1550.0	1548.2	1546.4	1544.6	1544.4	1544.1	1543.9	1543.6	1543.5	1544.1
177.5°	1555.1	1553.0	1551.0	1548.9	1546.9	1546.7	1546.4	1546.2	1545.9	1545.8	1546.4
180°	1549.2	1549.2	1549.2	1549.2	1549.2	1549.2	1549.2	1549.2	1549.2	1549.2	1549.2

TEST NUMBER: P1010879

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CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
0°	525.3	525.3	525.3	525.3
2.5°	511.8	514.9	521.2	526.6
5°	501.0	506.0	515.4	524.8
7.5°	488.0	495.6	507.7	520.8
10°	475.4	485.3	500.1	515.4
12.5°	462.8	473.1	488.9	508.6
15°	447.9	458.7	477.6	501.5
17.5°	434.9	449.3	466.4	490.2
20°	421.0	431.7	453.8	479.0
22.5°	403.4	421.4	442.1	468.6
25°	389.5	405.2	425.9	456.0
27.5°	372.4	390.8	416.0	442.5
30°	358.4	373.7	397.1	429.0
32.5°	342.2	360.2	384.5	416.0
35°	327.9	343.1	366.1	398.0
37.5°	310.8	327.4	353.0	381.4
40°	295.9	312.1	336.4	362.9
42.5°	277.9	295.0	319.3	341.8
45°	263.5	279.3	298.6	319.3
47.5°	246.0	262.6	281.5	295.9
50°	230.3	245.6	260.4	272.5
52.5°	213.2	227.1	240.6	249.6
55°	197.4	208.2	219.0	225.3
57.5°	179.0	189.3	198.3	201.9
60°	162.8	171.3	177.2	181.2
62.5°	145.7	152.0	156.5	158.8
65°	129.1	133.6	135.8	138.1
67.5°	112.0	116.0	117.4	120.1
70°	94.0	98.5	99.4	100.7
72.5°	80.5	80.5	82.3	84.1
75°	64.3	65.2	66.1	66.1
77.5°	50.4	50.4	51.3	51.7
80°	36.9	37.3	37.3	36.9
82.5°	25.2	26.1	25.2	24.7
85°	13.9	15.7	14.8	14.8
87.5°	5.8	5.8	6.7	5.8
90°	8.9	6.3	3.8	1.2
92.5°	21.9	23.4	25.0	26.5
95°	38.7	49.2	59.7	70.2
97.5°	106.3	113.4	120.6	127.8
100°	209.8	204.7	199.6	194.5
102.5°	280.4	277.1	273.8	270.5
105°	351.5	348.6	345.8	343.0
107.5°	427.0	424.7	422.4	420.1
110°	503.3	501.3	499.2	497.2

TEST NUMBER: P1010879

CATALOG NUMBER: S123RDIP-B340D1195UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
112.5°	576.2	574.5	572.7	570.9
115°	648.0	646.5	644.9	643.4
117.5°	720.1	718.4	716.6	714.8
120°	787.3	785.0	782.7	780.4
122.5°	852.5	850.7	848.9	847.1
125°	913.1	911.1	909.0	907.0
127.5°	972.9	970.9	968.8	966.8
130°	1028.2	1026.2	1024.1	1022.1
132.5°	1081.1	1079.1	1077.0	1075.0
135°	1133.7	1132.2	1130.6	1129.1
137.5°	1181.3	1179.2	1177.2	1175.1
140°	1225.8	1224.3	1222.7	1221.2
142.5°	1268.4	1266.9	1265.3	1263.8
145°	1308.3	1306.5	1304.7	1302.9
147.5°	1344.7	1343.4	1342.2	1340.9
150°	1377.7	1377.0	1376.2	1375.4
152.5°	1407.2	1407.0	1406.7	1406.5
155°	1433.8	1434.3	1434.8	1435.3
157.5°	1458.3	1458.3	1458.3	1458.3
160°	1478.3	1478.5	1478.8	1479.0
162.5°	1496.3	1497.0	1497.8	1498.6
165°	1511.2	1512.0	1512.7	1513.5
167.5°	1523.1	1524.2	1525.2	1526.2
170°	1533.5	1534.5	1535.6	1536.6
172.5°	1539.6	1540.9	1542.2	1543.5
175°	1545.4	1546.7	1547.9	1549.2
177.5°	1547.7	1549.0	1550.2	1551.5
180°	1549.2	1549.2	1549.2	1549.2

(END OF REPORT)