

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: P1013262

Luminaire Tested: S124RDIP-B1195D1205UB2750-4F0-XX-W2A-A_2700K

Issue Date: 5/6/2025

Test Information

Test Method: LM-79-2019
Report Number: P1013262
REPORT IS A COMBINATION OF REPORTS P999065 AND P1007351
Test Lab: INNOVATION CENTER
Issue Date: 5/6/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: NEO-RAY
Catalog Number: S124RDIP-B1195D1205UB2750-4F0-XX-W2A-A_2700K
Description: Define 4 Regressed Direct/Indirect Pendant with 2700K BioUP LEDs {m-DER=0.473}
{m-EER=0.52}
Light Source: -
Ballast/Driver: -

Summary

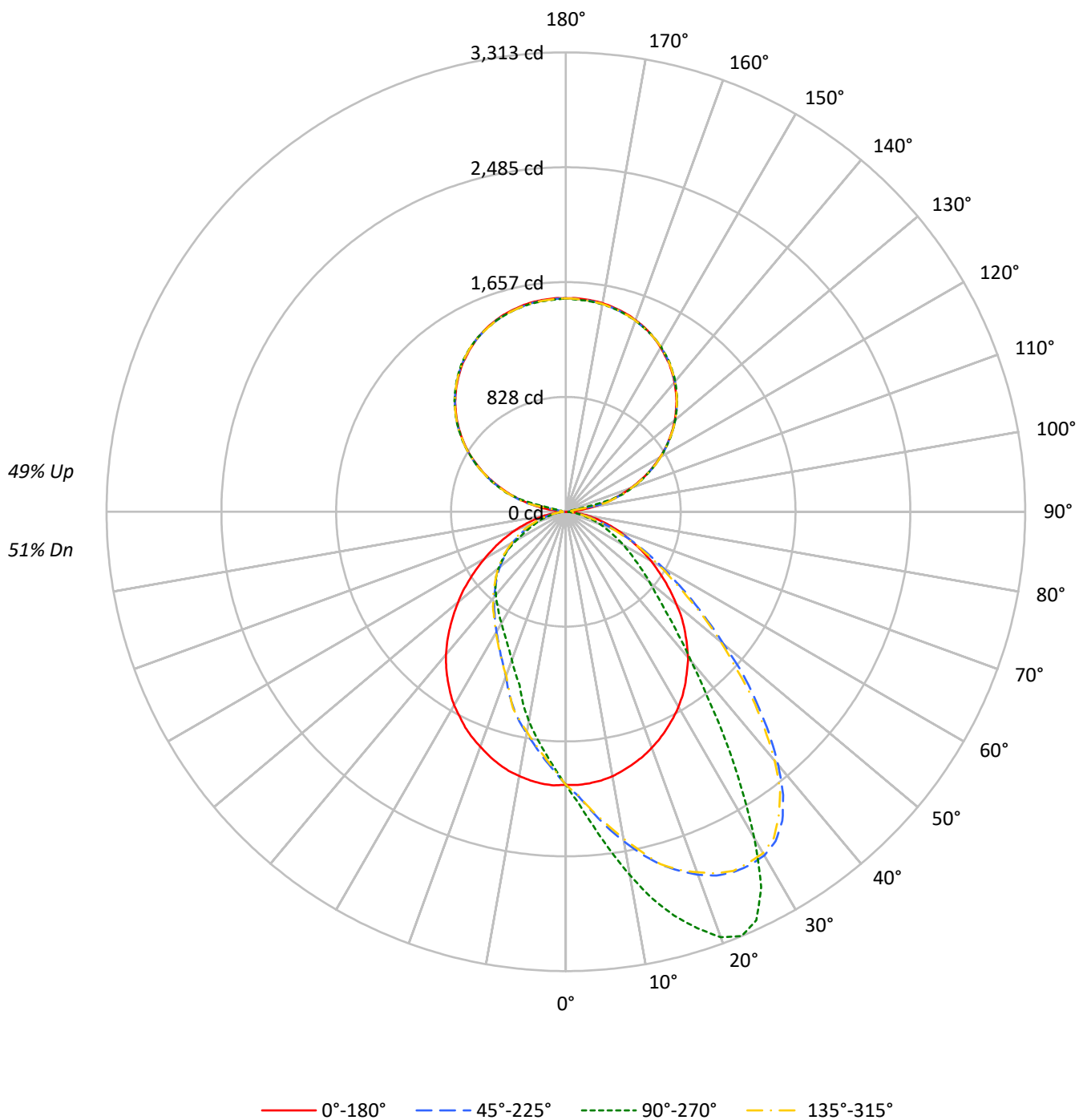
Lumens per Lamp: N/A
Luminaire Lumens: 9743.0 lumens
Efficiency: N/A
Efficacy: 101.2 lumens/watt
Spacing Criteria (0/90/45): 1.22 / 1.27 / 1.38
Luminous Opening: Rectangular w/ Sides (W: 0.33' x L: 4' x H: 0.1')
CIE Type: General Diffuse

Input Watts (W): 96.3
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					10
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10
RCR																				
0	107	107	107	107	99	99	99	99	84	84	84	70	70	70	57	57	57	57	57	57
1	99	94	91	87	91	87	84	81	74	72	70	62	61	59	51	50	49	49	49	44
2	90	83	77	72	83	77	72	67	66	62	59	55	53	50	46	44	42	42	42	38
3	82	73	66	61	76	68	62	57	58	54	50	49	46	43	41	38	36	36	36	32
4	76	65	57	52	70	61	54	49	52	47	43	44	40	37	37	34	32	32	32	28
5	70	58	50	44	64	54	47	42	47	41	37	40	36	32	33	30	28	28	28	25
6	64	52	44	39	59	49	42	37	42	37	33	36	32	29	30	27	25	25	25	22
7	59	47	40	34	55	44	37	32	38	33	29	33	29	25	28	25	22	22	22	20
8	55	43	35	30	51	40	34	29	35	30	26	30	26	23	26	22	20	20	20	18
9	51	39	32	27	48	37	30	26	32	27	23	28	24	21	24	20	18	18	18	16
10	48	36	29	24	45	34	28	23	30	25	21	26	22	19	22	19	16	16	16	14

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	16055	16055	16055	16055
5°	16055	18141	16081	13866
10°	15969	20913	15956	12058
15°	15779	23536	15779	10096
20°	15581	25519	15499	8890
25°	15337	25627	15267	8029
30°	15080	21792	14962	7438
35°	14714	16443	14529	6996
40°	14308	11916	14026	6651
45°	13637	9056	13297	6347
50°	12840	7319	12489	5900
55°	11978	6061	11585	5305
60°	11111	5124	10614	4412
65°	10023	4175	9704	3506
70°	9027	3385	8600	2848
75°	7910	2440	7360	2088
80°	6523	1617	5939	1534
85°	4730	832	3922	832

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 35°

Vertical Angle: 45°

Luminance: 20099 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	190.6	2.0
10°-20°	575.7	5.9
20°-30°	901.8	9.3
30°-40°	1001.4	10.3
40°-50°	887.4	9.1
50°-60°	691.6	7.1
60°-70°	452.4	4.6
70°-80°	222.0	2.3
80°-90°	57.2	0.6
90°-100°	51.1	0.5
100°-110°	336.5	3.5
110°-120°	642.5	6.6
120°-130°	815.7	8.4
130°-140°	872.6	9.0
140°-150°	815.9	8.4
150°-160°	658.0	6.8
160°-170°	424.3	4.4
170°-180°	146.2	1.5
0°-30°	1668.2	17.1
0°-40°	2669.6	27.4
0°-60°	4248.6	43.6
0°-90°	4980.2	51.1
90°-120°	1030.1	10.6
90°-150°	3534.2	36.3
90°-180°	4763.0	48.9
0°-180°	9743.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1969	1969	1969	1969	1969	
5°	1966	2275	1969	1739	1966	187
15°	1882	3014	1882	1293	1882	531
25°	1724	3251	1717	1018	1724	795
35°	1504	2002	1485	852	1504	940
45°	1212	1023	1182	717	1212	935
55°	873	611	844	535	873	780
65°	547	357	530	300	547	546
75°	274	165	255	141	274	291
85°	65	40	54	40	65	73
90°	4	34	4	34	4	8
95°	63	33	63	33	63	78
105°	346	328	346	328	346	363
115°	647	652	647	652	647	637
125°	910	916	910	916	910	812
135°	1128	1136	1128	1136	1128	869
145°	1301	1308	1301	1308	1301	813
155°	1426	1425	1426	1425	1426	658
165°	1505	1498	1505	1498	1505	425
175°	1539	1530	1539	1530	1539	147
180°	1539	1539	1539	1539	1539	

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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	1968.8	1968.8	1968.8	1968.8	1968.8	1968.8	1968.8	1968.8	1968.8	1968.8	1968.8
2.5°	1972.0	1989.5	1999.0	2006.9	2022.8	2029.1	2041.8	2045.0	2057.7	2056.1	2051.3
5°	1965.7	1995.8	2018.0	2041.8	2070.4	2086.2	2103.7	2129.1	2141.8	2159.2	2170.3
7.5°	1954.6	1995.8	2032.3	2068.8	2114.8	2140.2	2162.4	2202.1	2235.4	2263.9	2295.7
10°	1937.1	1989.5	2043.4	2092.6	2156.0	2186.2	2219.5	2278.2	2324.2	2363.9	2414.6
12.5°	1910.1	1983.1	2043.4	2110.0	2191.0	2232.2	2276.6	2346.4	2400.4	2465.4	2528.9
15°	1881.6	1962.5	2041.8	2129.1	2221.1	2268.7	2313.1	2406.7	2489.2	2563.8	2633.6
17.5°	1849.9	1938.7	2026.0	2122.7	2233.8	2292.5	2344.8	2457.5	2547.9	2644.7	2714.5
20°	1811.8	1908.6	2008.5	2116.4	2241.7	2306.8	2365.5	2494.0	2593.9	2698.6	2785.9
22.5°	1770.5	1875.2	1984.7	2102.1	2232.2	2303.6	2371.8	2509.8	2625.7	2722.4	2839.8
25°	1724.5	1835.6	1948.2	2072.0	2217.9	2295.7	2365.5	2501.9	2625.7	2752.6	2866.8
27.5°	1676.9	1791.2	1908.6	2038.6	2187.8	2263.9	2343.3	2474.9	2619.3	2757.3	2873.1
30°	1624.6	1735.6	1859.4	1983.1	2141.8	2217.9	2298.8	2441.6	2598.7	2736.7	2862.0
32.5°	1567.5	1681.7	1799.1	1927.6	2083.1	2165.6	2240.1	2402.0	2562.2	2698.6	2816.0
35°	1504.0	1611.9	1722.9	1854.6	2008.5	2083.1	2171.9	2340.1	2501.9	2646.3	2722.4
37.5°	1435.8	1538.9	1642.0	1772.1	1919.7	2010.1	2097.3	2267.1	2438.4	2535.2	2574.9
40°	1372.3	1462.7	1553.2	1678.5	1827.6	1921.2	2010.1	2186.2	2336.9	2411.5	2381.3
42.5°	1291.4	1385.0	1465.9	1581.7	1732.5	1819.7	1910.1	2092.6	2214.7	2244.9	2170.3
45°	1212.1	1289.8	1367.6	1480.2	1638.9	1713.4	1810.2	1979.9	2081.5	2054.5	1945.0
47.5°	1134.3	1197.8	1270.8	1380.3	1523.0	1611.9	1702.3	1849.9	1921.2	1883.2	1730.9
50°	1042.3	1105.8	1181.9	1277.1	1415.2	1500.8	1572.2	1708.7	1762.6	1669.0	1485.0
52.5°	955.1	1010.6	1075.6	1164.5	1296.2	1373.9	1451.6	1569.0	1586.5	1478.6	1285.1
55°	872.6	917.0	985.2	1056.6	1177.2	1259.7	1313.6	1413.6	1408.8	1274.0	1107.4
57.5°	786.9	828.2	874.2	948.7	1063.0	1124.8	1183.5	1270.8	1224.8	1110.5	945.6
60°	710.8	734.5	780.6	851.9	948.7	1002.7	1048.7	1096.3	1056.6	932.9	805.9
62.5°	626.7	653.6	687.0	744.1	829.7	880.5	913.8	934.4	893.2	798.0	682.2
65°	547.3	571.1	606.0	656.8	721.9	759.9	777.4	791.7	769.5	661.6	569.6
67.5°	475.9	491.8	523.5	556.9	626.7	636.2	660.0	666.3	621.9	539.4	466.4
70°	404.6	420.4	434.7	474.4	506.1	523.5	528.3	528.3	483.9	429.9	369.7
72.5°	337.9	347.4	361.7	388.7	406.1	418.8	425.2	417.2	376.0	331.6	287.2
75°	274.5	279.2	291.9	309.4	323.6	318.9	317.3	307.8	277.6	245.9	220.5
77.5°	211.0	214.2	228.5	233.2	233.2	238.0	231.6	222.1	196.7	172.9	161.8
80°	158.6	163.4	165.0	168.2	165.0	165.0	160.2	144.4	131.7	120.6	112.6
82.5°	109.5	112.6	114.2	109.5	112.6	107.9	99.9	88.8	80.9	79.3	76.2
85°	65.0	66.6	65.0	65.0	60.3	58.7	52.4	50.8	47.6	47.6	46.0
87.5°	31.7	30.1	27.0	23.8	23.8	22.2	23.8	20.6	23.8	22.2	20.6
90°	3.5	6.3	9.1	11.9	14.7	16.1	17.1	19.2	21.2	23.3	25.3
92.5°	17.3	16.8	16.3	15.8	15.3	15.0	16.0	18.1	20.1	22.2	24.2
95°	63.3	54.6	45.9	37.2	28.5	24.2	24.3	24.6	24.8	25.1	25.3
97.5°	120.9	126.5	132.1	137.8	143.4	146.2	132.8	105.9	79.0	52.2	25.3
100°	188.8	193.4	198.0	202.6	207.2	209.5	191.9	156.6	121.3	86.0	50.7
102.5°	264.8	267.9	270.9	274.0	277.1	278.6	280.1	283.2	286.3	289.3	292.4
105°	346.5	348.0	349.6	351.1	352.6	353.4	354.0	355.3	356.6	357.9	359.2
107.5°	421.4	422.2	422.9	423.7	424.4	424.8	425.7	427.5	429.3	431.1	432.9
110°	497.3	498.1	498.9	499.6	500.4	500.8	501.6	503.1	504.6	506.2	507.7

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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	571.0	572.5	574.1	575.6	577.1	577.9	578.2	578.7	579.2	579.7	580.2
115°	647.0	647.8	648.5	649.3	650.0	650.4	650.3	650.0	649.8	649.5	649.3
117.5°	714.9	715.9	716.9	718.0	719.0	719.5	719.9	720.7	721.4	722.2	723.0
120°	784.0	785.0	786.0	787.1	788.1	788.6	788.5	788.2	787.9	787.7	787.4
122.5°	848.5	849.0	849.5	850.0	850.5	850.8	851.1	851.6	852.1	852.6	853.1
125°	909.5	910.5	911.5	912.6	913.6	914.1	913.8	913.3	912.8	912.3	911.8
127.5°	968.2	968.4	968.7	968.9	969.2	969.3	969.9	971.2	972.5	973.8	975.1
130°	1024.6	1024.8	1025.1	1025.3	1025.6	1025.7	1026.1	1026.9	1027.6	1028.4	1029.2
132.5°	1076.4	1076.9	1077.4	1077.9	1078.4	1078.7	1079.2	1080.2	1081.3	1082.3	1083.3
135°	1128.2	1128.0	1127.7	1127.5	1127.2	1127.1	1127.6	1128.6	1129.7	1130.7	1131.7
137.5°	1174.3	1174.3	1174.3	1174.3	1174.3	1174.3	1174.9	1176.2	1177.5	1178.7	1180.0
140°	1219.2	1219.7	1220.2	1220.7	1221.2	1221.5	1221.8	1222.3	1222.8	1223.3	1223.8
142.5°	1259.4	1260.4	1261.5	1262.5	1263.6	1264.1	1264.2	1264.5	1264.7	1265.0	1265.2
145°	1300.9	1301.7	1302.4	1303.2	1303.9	1304.3	1304.3	1304.3	1304.3	1304.3	1304.3
147.5°	1333.1	1334.6	1336.2	1337.7	1339.2	1340.0	1339.9	1339.6	1339.4	1339.1	1338.9
150°	1368.8	1369.8	1370.8	1371.9	1372.9	1373.4	1373.3	1373.0	1372.8	1372.5	1372.3
152.5°	1398.7	1399.5	1400.3	1401.0	1401.8	1402.2	1401.9	1401.4	1400.9	1400.4	1399.9
155°	1426.4	1426.6	1426.9	1427.1	1427.4	1427.5	1427.1	1426.4	1425.6	1424.9	1424.1
157.5°	1450.6	1450.6	1450.6	1450.6	1450.6	1450.6	1450.1	1449.0	1448.0	1446.9	1445.9
160°	1471.3	1470.5	1469.7	1469.0	1468.2	1467.8	1467.7	1467.4	1467.2	1466.9	1466.7
162.5°	1489.7	1488.7	1487.7	1486.6	1485.6	1485.1	1485.0	1484.7	1484.4	1484.2	1483.9
165°	1504.7	1503.4	1502.1	1500.8	1499.5	1498.9	1498.9	1498.9	1498.9	1498.9	1498.9
167.5°	1517.3	1516.0	1514.8	1513.5	1512.2	1511.6	1511.5	1511.2	1510.9	1510.7	1510.4
170°	1527.7	1526.2	1524.6	1523.1	1521.6	1520.8	1520.9	1521.2	1521.4	1521.7	1521.9
172.5°	1534.6	1533.1	1531.5	1530.0	1528.5	1527.7	1527.8	1528.1	1528.3	1528.6	1528.8
175°	1539.2	1537.7	1536.1	1534.6	1533.1	1532.3	1532.4	1532.7	1532.9	1533.2	1533.4
177.5°	1542.7	1540.9	1539.1	1537.3	1535.5	1534.6	1534.9	1535.4	1535.9	1536.4	1536.9
180°	1539.2	1539.2	1539.2	1539.2	1539.2	1539.2	1539.2	1539.2	1539.2	1539.2	1539.2

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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	1968.8	1968.8	1968.8	1968.8	1968.8	1968.8	1968.8	1968.8	1968.8	1968.8	1968.8
2.5°	2064.0	2081.5	2083.1	2098.9	2094.2	2086.2	2100.5	2091.0	2110.0	2103.7	2111.6
5°	2184.6	2208.4	2229.0	2241.7	2263.9	2259.2	2283.0	2275.0	2292.5	2275.0	2297.2
7.5°	2325.8	2365.5	2386.1	2419.4	2428.9	2430.5	2459.1	2465.4	2476.5	2465.4	2478.1
10°	2463.8	2511.4	2559.0	2586.0	2603.4	2627.2	2652.6	2663.7	2671.7	2660.6	2668.5
12.5°	2589.2	2663.7	2716.1	2770.0	2782.7	2803.3	2830.3	2827.1	2858.9	2852.5	2866.8
15°	2705.0	2787.5	2850.9	2893.8	2928.7	2946.1	2996.9	3000.1	2998.5	3014.3	3004.8
17.5°	2808.1	2877.9	2968.3	3023.9	3066.7	3066.7	3095.3	3154.0	3149.2	3147.6	3157.1
20°	2892.2	2971.5	3055.6	3149.2	3184.1	3190.4	3230.1	3260.2	3265.0	3265.0	3265.0
22.5°	2955.6	3049.2	3139.7	3206.3	3233.3	3255.5	3290.4	3309.4	3315.8	3312.6	3315.8
25°	2987.4	3076.2	3168.2	3228.5	3244.4	3257.1	3260.2	3271.4	3269.8	3250.7	3261.8
27.5°	2993.7	3079.4	3139.7	3155.5	3147.6	3139.7	3088.9	3093.7	3079.4	3050.8	3061.9
30°	2965.2	3011.2	3009.6	2960.4	2946.1	2912.8	2866.8	2798.6	2743.1	2719.3	2727.2
32.5°	2862.0	2862.0	2804.9	2693.9	2644.7	2584.4	2501.9	2440.0	2367.1	2351.2	2381.3
35°	2719.3	2638.3	2533.6	2387.7	2313.1	2268.7	2125.9	2081.5	2019.6	2002.2	2016.4
37.5°	2497.1	2362.3	2210.0	2073.6	2010.1	1930.8	1805.4	1742.0	1697.6	1667.4	1681.7
40°	2248.1	2084.7	1926.0	1757.8	1688.0	1623.0	1529.4	1472.3	1400.9	1404.0	1408.8
42.5°	2010.1	1818.1	1640.4	1485.0	1418.3	1364.4	1299.3	1229.5	1204.2	1196.2	1188.3
45°	1757.8	1553.2	1386.6	1270.8	1210.5	1159.7	1099.4	1059.8	1029.6	1023.3	1031.2
47.5°	1519.9	1346.9	1188.3	1080.4	1031.2	1005.8	958.2	921.8	902.7	886.9	896.4
50°	1304.1	1142.3	1015.4	924.9	890.0	872.6	828.2	809.1	790.1	785.3	783.7
52.5°	1126.4	988.4	878.9	805.9	779.0	769.5	736.1	709.2	693.3	698.1	701.2
55°	964.6	847.2	761.5	702.8	680.6	669.5	645.7	626.7	615.6	610.8	614.0
57.5°	821.8	720.3	658.4	610.8	593.3	588.6	563.2	556.9	548.9	544.2	544.2
60°	691.7	620.3	563.2	536.2	517.2	512.4	493.4	485.5	483.9	479.1	475.9
62.5°	582.2	523.5	483.9	455.3	447.4	445.8	433.1	423.6	418.8	415.7	415.7
65°	487.1	444.2	410.9	390.3	383.9	380.8	366.5	363.3	360.1	357.0	355.4
67.5°	406.1	368.1	344.3	330.0	322.1	323.6	315.7	309.4	309.4	307.8	306.2
70°	328.4	304.6	284.0	276.1	272.9	269.7	266.5	261.8	260.2	260.2	260.2
72.5°	258.6	242.7	231.6	226.9	223.7	220.5	217.3	217.3	217.3	215.8	215.8
75°	198.3	192.0	184.0	179.3	179.3	182.4	177.7	172.9	168.2	165.0	166.6
77.5°	149.1	146.0	141.2	133.3	134.9	131.7	131.7	128.5	130.1	130.1	126.9
80°	109.5	104.7	103.1	98.4	99.9	98.4	96.8	96.8	93.6	93.6	93.6
82.5°	76.2	71.4	71.4	69.8	68.2	68.2	66.6	66.6	68.2	65.0	65.0
85°	46.0	44.4	44.4	41.2	41.2	41.2	41.2	42.8	41.2	39.7	39.7
87.5°	20.6	22.2	20.6	19.0	19.0	19.0	17.5	17.5	15.9	17.5	17.5
90°	26.8	28.4	29.9	31.4	32.2	32.5	33.0	33.5	34.0	34.5	34.0
92.5°	25.7	27.3	28.8	30.3	31.1	31.1	31.1	31.1	31.1	31.1	31.1
95°	26.8	28.4	29.9	31.4	32.2	32.3	32.6	32.9	33.1	33.4	33.1
97.5°	26.6	27.9	29.2	30.5	31.1	31.2	31.5	31.7	32.0	32.2	32.0
100°	46.3	42.0	37.6	33.3	31.1	31.2	31.5	31.7	32.0	32.2	32.0
102.5°	234.8	177.3	119.7	62.2	33.4	33.4	33.4	33.4	33.4	33.4	33.4
105°	361.5	363.8	366.1	368.4	369.5	364.9	355.7	346.5	337.3	328.1	337.3
107.5°	434.2	435.4	436.7	438.0	438.6	439.1	440.1	441.2	442.2	443.2	442.2
110°	508.2	508.7	509.2	509.7	510.0	510.4	511.1	511.9	512.6	513.4	512.6

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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	580.0	579.7	579.5	579.2	579.1	579.6	580.6	581.7	582.7	583.7	582.7
115°	649.8	650.3	650.8	651.3	651.6	651.6	651.6	651.6	651.6	651.6	651.6
117.5°	722.7	722.5	722.2	721.9	721.8	721.8	721.8	721.8	721.8	721.8	721.8
120°	787.9	788.4	788.9	789.4	789.7	789.4	788.9	788.4	787.9	787.4	787.9
122.5°	853.3	853.6	853.8	854.1	854.2	853.9	853.4	852.9	852.4	851.9	852.4
125°	912.6	913.3	914.1	914.8	915.2	915.3	915.6	915.9	916.1	916.4	916.1
127.5°	974.8	974.6	974.3	974.0	973.9	973.8	973.5	973.3	973.0	972.8	973.0
130°	1029.5	1029.7	1030.0	1030.3	1030.4	1030.4	1030.4	1030.4	1030.4	1030.4	1030.4
132.5°	1083.6	1083.8	1084.1	1084.4	1084.5	1084.4	1084.1	1083.8	1083.6	1083.3	1083.6
135°	1132.2	1132.7	1133.2	1133.7	1134.0	1134.3	1134.8	1135.3	1135.8	1136.3	1135.8
137.5°	1180.5	1181.0	1181.5	1182.0	1182.3	1182.2	1181.9	1181.7	1181.4	1181.2	1181.4
140°	1224.6	1225.3	1226.1	1226.8	1227.2	1227.3	1227.6	1227.9	1228.1	1228.4	1228.1
142.5°	1265.7	1266.2	1266.7	1267.2	1267.5	1267.5	1267.5	1267.5	1267.5	1267.5	1267.5
145°	1304.6	1304.8	1305.1	1305.4	1305.5	1305.8	1306.3	1306.8	1307.3	1307.8	1307.3
147.5°	1339.1	1339.4	1339.6	1339.9	1340.0	1340.1	1340.4	1340.7	1340.9	1341.2	1340.9
150°	1372.3	1372.3	1372.3	1372.3	1372.3	1372.4	1372.7	1372.9	1373.2	1373.4	1373.2
152.5°	1400.4	1400.9	1401.4	1401.9	1402.2	1402.1	1401.8	1401.6	1401.3	1401.1	1401.3
155°	1425.1	1426.1	1427.2	1428.2	1428.7	1428.3	1427.5	1426.8	1426.0	1425.2	1426.0
157.5°	1447.2	1448.5	1449.8	1451.1	1451.7	1451.1	1449.8	1448.5	1447.2	1445.9	1447.2
160°	1468.2	1469.8	1471.3	1472.8	1473.6	1472.8	1471.3	1469.8	1468.2	1466.7	1468.2
162.5°	1485.4	1487.0	1488.5	1490.0	1490.8	1489.9	1488.1	1486.4	1484.6	1482.8	1484.6
165°	1500.9	1503.0	1505.0	1507.1	1508.1	1507.0	1504.7	1502.4	1500.1	1497.8	1500.1
167.5°	1512.7	1515.0	1517.3	1519.6	1520.8	1519.5	1517.0	1514.4	1511.9	1509.3	1511.9
170°	1523.9	1526.0	1528.0	1530.1	1531.1	1529.8	1527.3	1524.7	1522.2	1519.6	1522.2
172.5°	1530.8	1532.9	1534.9	1537.0	1538.0	1536.6	1533.8	1531.0	1528.2	1525.4	1528.2
175°	1535.7	1538.0	1540.3	1542.6	1543.8	1542.3	1539.2	1536.1	1533.1	1530.0	1533.1
177.5°	1538.9	1541.0	1543.0	1545.1	1546.1	1544.6	1541.5	1538.4	1535.4	1532.3	1535.4
180°	1539.2	1539.2	1539.2	1539.2	1539.2	1539.2	1539.2	1539.2	1539.2	1539.2	1539.2

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CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	1968.8	1968.8	1968.8	1968.8	1968.8	1968.8	1968.8	1968.8	1968.8	1968.8	1968.8
2.5°	2116.4	2105.3	2103.7	2103.7	2086.2	2095.8	2076.7	2056.1	2046.6	2046.6	2029.1
5°	2292.5	2281.4	2270.3	2252.8	2252.8	2243.3	2213.2	2183.0	2160.8	2141.8	2121.1
7.5°	2473.3	2462.2	2430.5	2413.1	2422.6	2403.5	2363.9	2313.1	2275.0	2244.9	2202.1
10°	2670.1	2639.9	2624.1	2614.5	2581.2	2560.6	2514.6	2440.0	2392.4	2352.8	2297.2
12.5°	2830.3	2839.8	2779.5	2784.3	2751.0	2722.4	2651.0	2579.6	2508.2	2452.7	2370.2
15°	3003.2	2974.7	2938.2	2909.6	2898.5	2863.6	2803.3	2708.1	2630.4	2543.2	2449.5
17.5°	3139.7	3117.5	3082.6	3055.6	3031.8	2947.7	2896.9	2812.9	2706.6	2620.9	2506.7
20°	3255.5	3234.9	3185.7	3168.2	3125.4	3065.1	2992.1	2862.0	2766.8	2673.2	2562.2
22.5°	3304.7	3284.0	3241.2	3219.0	3192.0	3133.3	3063.5	2939.8	2822.4	2705.0	2587.6
25°	3263.4	3263.4	3242.8	3234.9	3211.1	3158.7	3087.3	2982.6	2857.3	2730.4	2590.7
27.5°	3063.5	3103.2	3117.5	3125.4	3125.4	3127.0	3077.8	2976.3	2854.1	2730.4	2584.4
30°	2774.8	2841.4	2900.1	2917.6	2947.7	2981.0	3001.7	2952.5	2843.0	2712.9	2567.0
32.5°	2411.5	2497.1	2606.6	2633.6	2674.8	2774.8	2830.3	2850.9	2790.6	2676.4	2520.9
35°	2049.8	2157.6	2224.3	2306.8	2344.8	2492.4	2616.1	2690.7	2676.4	2608.2	2467.0
37.5°	1734.0	1795.9	1876.8	1964.1	2040.2	2181.4	2335.3	2479.7	2538.4	2505.1	2398.8
40°	1431.0	1504.0	1600.8	1672.2	1724.5	1865.7	2056.1	2213.2	2341.7	2362.3	2297.2
42.5°	1216.8	1289.8	1348.5	1426.3	1467.5	1603.9	1772.1	1968.8	2121.1	2202.1	2173.5
45°	1051.8	1096.3	1143.9	1188.3	1239.1	1359.6	1515.1	1730.9	1902.2	2016.4	2027.5
47.5°	907.5	947.1	988.4	1029.6	1058.2	1151.8	1294.6	1470.7	1657.9	1815.0	1876.8
50°	805.9	825.0	855.1	878.9	912.2	993.1	1107.4	1259.7	1458.0	1627.7	1708.7
52.5°	706.0	729.8	753.6	774.2	796.4	853.5	958.2	1089.9	1261.3	1435.8	1535.7
55°	621.9	640.9	663.2	677.4	690.1	740.9	820.2	921.8	1069.3	1234.3	1358.0
57.5°	553.7	561.6	580.7	588.6	602.9	644.1	701.2	791.7	910.6	1070.9	1172.4
60°	479.1	495.0	509.3	515.6	526.7	555.3	594.9	679.0	782.1	899.5	1015.4
62.5°	418.8	425.2	436.3	444.2	452.2	482.3	515.6	579.1	656.8	755.2	861.5
65°	363.3	366.5	372.8	383.9	388.7	410.9	429.9	475.9	548.9	623.5	729.8
67.5°	306.2	309.4	317.3	323.6	328.4	342.7	363.3	396.6	436.3	518.8	577.5
70°	261.8	261.8	266.5	269.7	274.5	280.8	291.9	317.3	353.8	406.1	460.1
72.5°	218.9	218.9	218.9	223.7	223.7	228.5	234.8	252.3	277.6	318.9	353.8
75°	169.8	171.3	174.5	174.5	176.1	182.4	187.2	192.0	204.7	231.6	263.4
77.5°	128.5	131.7	133.3	130.1	133.3	133.3	139.6	146.0	152.3	160.2	184.0
80°	95.2	96.8	93.6	95.2	95.2	98.4	101.5	99.9	103.1	112.6	119.0
82.5°	63.5	65.0	65.0	65.0	65.0	69.8	69.8	68.2	69.8	71.4	73.0
85°	39.7	38.1	38.1	39.7	38.1	38.1	39.7	41.2	39.7	41.2	42.8
87.5°	17.5	17.5	17.5	17.5	15.9	15.9	17.5	15.9	17.5	15.9	14.3
90°	33.5	33.0	32.5	32.2	31.4	29.9	28.4	26.8	25.3	23.3	21.2
92.5°	31.1	31.1	31.1	31.1	30.3	28.8	27.3	25.7	24.2	22.2	20.1
95°	32.9	32.6	32.3	32.2	31.4	29.9	28.4	26.8	25.3	25.1	24.8
97.5°	31.7	31.5	31.2	31.1	30.5	29.2	27.9	26.6	25.3	52.2	79.0
100°	31.7	31.5	31.2	31.1	33.3	37.6	42.0	46.3	50.7	86.0	121.3
102.5°	33.4	33.4	33.4	33.4	62.2	119.7	177.3	234.8	292.4	289.3	286.3
105°	346.5	355.7	364.9	369.5	368.4	366.1	363.8	361.5	359.2	357.9	356.6
107.5°	441.2	440.1	439.1	438.6	438.0	436.7	435.4	434.2	432.9	431.1	429.3
110°	511.9	511.1	510.4	510.0	509.7	509.2	508.7	508.2	507.7	506.2	504.6

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CATALOG NUMBER: S124RDIP-B1195D1205UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	581.7	580.6	579.6	579.1	579.2	579.5	579.7	580.0	580.2	579.7	579.2
115°	651.6	651.6	651.6	651.6	651.3	650.8	650.3	649.8	649.3	649.5	649.8
117.5°	721.8	721.8	721.8	721.8	721.9	722.2	722.5	722.7	723.0	722.2	721.4
120°	788.4	788.9	789.4	789.7	789.4	788.9	788.4	787.9	787.4	787.7	787.9
122.5°	852.9	853.4	853.9	854.2	854.1	853.8	853.6	853.3	853.1	852.6	852.1
125°	915.9	915.6	915.3	915.2	914.8	914.1	913.3	912.6	911.8	912.3	912.8
127.5°	973.3	973.5	973.8	973.9	974.0	974.3	974.6	974.8	975.1	973.8	972.5
130°	1030.4	1030.4	1030.4	1030.4	1030.3	1030.0	1029.7	1029.5	1029.2	1028.4	1027.6
132.5°	1083.8	1084.1	1084.4	1084.5	1084.4	1084.1	1083.8	1083.6	1083.3	1082.3	1081.3
135°	1135.3	1134.8	1134.3	1134.0	1133.7	1133.2	1132.7	1132.2	1131.7	1130.7	1129.7
137.5°	1181.7	1181.9	1182.2	1182.3	1182.0	1181.5	1181.0	1180.5	1180.0	1178.7	1177.5
140°	1227.9	1227.6	1227.3	1227.2	1226.8	1226.1	1225.3	1224.6	1223.8	1223.3	1222.8
142.5°	1267.5	1267.5	1267.5	1267.5	1267.2	1266.7	1266.2	1265.7	1265.2	1265.0	1264.7
145°	1306.8	1306.3	1305.8	1305.5	1305.4	1305.1	1304.8	1304.6	1304.3	1304.3	1304.3
147.5°	1340.7	1340.4	1340.1	1340.0	1339.9	1339.6	1339.4	1339.1	1338.9	1339.1	1339.4
150°	1372.9	1372.7	1372.4	1372.3	1372.3	1372.3	1372.3	1372.3	1372.3	1372.5	1372.8
152.5°	1401.6	1401.8	1402.1	1402.2	1401.9	1401.4	1400.9	1400.4	1399.9	1400.4	1400.9
155°	1426.8	1427.5	1428.3	1428.7	1428.2	1427.2	1426.1	1425.1	1424.1	1424.9	1425.6
157.5°	1448.5	1449.8	1451.1	1451.7	1451.1	1449.8	1448.5	1447.2	1445.9	1446.9	1448.0
160°	1469.8	1471.3	1472.8	1473.6	1472.8	1471.3	1469.8	1468.2	1466.7	1466.9	1467.2
162.5°	1486.4	1488.1	1489.9	1490.8	1490.0	1488.5	1487.0	1485.4	1483.9	1484.2	1484.4
165°	1502.4	1504.7	1507.0	1508.1	1507.1	1505.0	1503.0	1500.9	1498.9	1498.9	1498.9
167.5°	1514.4	1517.0	1519.5	1520.8	1519.6	1517.3	1515.0	1512.7	1510.4	1510.7	1510.9
170°	1524.7	1527.3	1529.8	1531.1	1530.1	1528.0	1526.0	1523.9	1521.9	1521.7	1521.4
172.5°	1531.0	1533.8	1536.6	1538.0	1537.0	1534.9	1532.9	1530.8	1528.8	1528.6	1528.3
175°	1536.1	1539.2	1542.3	1543.8	1542.6	1540.3	1538.0	1535.7	1533.4	1533.2	1532.9
177.5°	1538.4	1541.5	1544.6	1546.1	1545.1	1543.0	1541.0	1538.9	1536.9	1536.4	1535.9
180°	1539.2	1539.2	1539.2	1539.2	1539.2	1539.2	1539.2	1539.2	1539.2	1539.2	1539.2

TEST NUMBER: P1013262

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CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
0°	1968.8	1968.8	1968.8	1968.8	1968.8	1968.8	1968.8	1968.8	1968.8	1968.8	1968.8
2.5°	2019.6	2011.7	2006.9	2005.3	1991.1	1983.1	1978.4	1975.2	1970.4	1957.7	1946.6
5°	2095.8	2073.6	2062.4	2049.8	2027.5	2002.2	1981.5	1968.8	1953.0	1927.6	1903.8
7.5°	2167.2	2133.8	2111.6	2094.2	2056.1	2014.8	1981.5	1954.6	1924.4	1889.5	1856.2
10°	2241.7	2187.8	2159.2	2132.3	2076.7	2022.8	1975.2	1935.5	1892.7	1846.7	1810.2
12.5°	2300.4	2229.0	2197.3	2159.2	2091.0	2027.5	1967.3	1913.3	1857.8	1808.6	1756.3
15°	2368.6	2279.8	2243.3	2194.1	2100.5	2018.0	1940.3	1881.6	1824.5	1751.5	1696.0
17.5°	2408.3	2305.2	2252.8	2210.0	2108.5	2008.5	1918.1	1845.1	1778.5	1705.5	1646.8
20°	2448.0	2330.6	2271.9	2211.6	2091.0	1984.7	1889.5	1802.3	1732.5	1653.1	1592.8
22.5°	2460.7	2324.2	2262.3	2206.8	2079.9	1960.9	1851.4	1762.6	1681.7	1602.4	1534.1
25°	2460.7	2322.6	2249.7	2178.3	2045.0	1922.8	1813.4	1716.6	1626.2	1546.8	1478.6
27.5°	2435.3	2290.9	2214.7	2149.7	2011.7	1880.0	1767.4	1661.1	1573.8	1494.5	1416.7
30°	2403.5	2244.9	2168.7	2091.0	1957.7	1832.4	1710.2	1611.9	1519.9	1429.4	1359.6
32.5°	2363.9	2195.7	2111.6	2032.3	1891.1	1761.0	1648.4	1551.6	1464.3	1370.7	1293.0
35°	2306.8	2122.7	2029.1	1959.3	1822.9	1688.0	1580.1	1485.0	1400.9	1304.1	1220.0
37.5°	2233.8	2056.1	1960.9	1875.2	1734.0	1610.3	1508.8	1416.7	1334.2	1245.4	1151.8
40°	2148.1	1962.5	1880.0	1789.6	1640.4	1523.0	1427.8	1345.3	1262.9	1178.8	1088.3
42.5°	2051.3	1867.3	1775.3	1688.0	1545.2	1429.4	1340.6	1266.0	1189.9	1112.1	1015.4
45°	1935.5	1762.6	1673.8	1591.3	1453.2	1334.2	1253.3	1181.9	1116.9	1037.6	951.9
47.5°	1805.4	1654.7	1564.3	1475.4	1340.6	1237.5	1158.1	1097.9	1042.3	963.0	885.3
50°	1678.5	1529.4	1456.4	1366.0	1242.2	1145.5	1064.5	1013.8	970.9	893.2	823.4
52.5°	1518.3	1405.6	1335.8	1258.1	1139.1	1040.7	977.3	932.9	882.1	821.8	759.9
55°	1377.1	1272.4	1216.8	1143.9	1026.5	939.2	885.3	844.0	804.4	750.4	701.2
57.5°	1216.8	1151.8	1096.3	1032.8	917.0	842.4	794.8	759.9	723.4	679.0	639.4
60°	1048.7	1018.5	964.6	913.8	815.5	750.4	710.8	679.0	644.1	607.6	574.3
62.5°	899.5	882.1	850.4	810.7	718.7	663.2	623.5	599.7	574.3	541.0	509.3
65°	758.3	750.4	720.3	691.7	628.3	579.1	544.2	529.9	501.3	475.9	447.4
67.5°	633.0	623.5	606.0	593.3	539.4	493.4	475.9	456.9	433.1	414.1	390.3
70°	506.1	504.5	493.4	477.5	449.0	415.7	398.2	385.5	361.7	347.4	330.0
72.5°	393.5	401.4	391.9	385.5	366.5	342.7	326.8	318.9	299.8	288.7	276.1
75°	293.5	299.8	304.6	293.5	288.7	277.6	263.4	255.4	245.9	230.0	225.3
77.5°	199.9	214.2	214.2	217.3	218.9	212.6	201.5	195.1	184.0	180.9	174.5
80°	131.7	144.4	146.0	149.1	153.9	153.9	146.0	144.4	133.3	131.7	126.9
82.5°	76.2	87.3	93.6	98.4	96.8	103.1	96.8	95.2	88.8	88.8	85.7
85°	41.2	42.8	46.0	49.2	52.4	55.5	55.5	53.9	52.4	50.8	47.6
87.5°	15.9	15.9	17.5	15.9	17.5	20.6	22.2	22.2	20.6	19.0	15.9
90°	19.2	17.1	16.1	14.7	11.9	9.1	6.3	3.5	6.3	9.1	11.9
92.5°	18.1	16.0	15.0	15.3	15.8	16.3	16.8	17.3	16.8	16.3	15.8
95°	24.6	24.3	24.2	28.5	37.2	45.9	54.6	63.3	54.6	45.9	37.2
97.5°	105.9	132.8	146.2	143.4	137.8	132.1	126.5	120.9	126.5	132.1	137.8
100°	156.6	191.9	209.5	207.2	202.6	198.0	193.4	188.8	193.4	198.0	202.6
102.5°	283.2	280.1	278.6	277.1	274.0	270.9	267.9	264.8	267.9	270.9	274.0
105°	355.3	354.0	353.4	352.6	351.1	349.6	348.0	346.5	348.0	349.6	351.1
107.5°	427.5	425.7	424.8	424.4	423.7	422.9	422.2	421.4	422.2	422.9	423.7
110°	503.1	501.6	500.8	500.4	499.6	498.9	498.1	497.3	498.1	498.9	499.6

TEST NUMBER: P1013262

CATALOG NUMBER: S124RDIP-B1195D1205UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
112.5°	578.7	578.2	577.9	577.1	575.6	574.1	572.5	571.0	572.5	574.1	575.6
115°	650.0	650.3	650.4	650.0	649.3	648.5	647.8	647.0	647.8	648.5	649.3
117.5°	720.7	719.9	719.5	719.0	718.0	716.9	715.9	714.9	715.9	716.9	718.0
120°	788.2	788.5	788.6	788.1	787.1	786.0	785.0	784.0	785.0	786.0	787.1
122.5°	851.6	851.1	850.8	850.5	850.0	849.5	849.0	848.5	849.0	849.5	850.0
125°	913.3	913.8	914.1	913.6	912.6	911.5	910.5	909.5	910.5	911.5	912.6
127.5°	971.2	969.9	969.3	969.2	968.9	968.7	968.4	968.2	968.4	968.7	968.9
130°	1026.9	1026.1	1025.7	1025.6	1025.3	1025.1	1024.8	1024.6	1024.8	1025.1	1025.3
132.5°	1080.2	1079.2	1078.7	1078.4	1077.9	1077.4	1076.9	1076.4	1076.9	1077.4	1077.9
135°	1128.6	1127.6	1127.1	1127.2	1127.5	1127.7	1128.0	1128.2	1128.0	1127.7	1127.5
137.5°	1176.2	1174.9	1174.3	1174.3	1174.3	1174.3	1174.3	1174.3	1174.3	1174.3	1174.3
140°	1222.3	1221.8	1221.5	1221.2	1220.7	1220.2	1219.7	1219.2	1219.7	1220.2	1220.7
142.5°	1264.5	1264.2	1264.1	1263.6	1262.5	1261.5	1260.4	1259.4	1260.4	1261.5	1262.5
145°	1304.3	1304.3	1304.3	1303.9	1303.2	1302.4	1301.7	1300.9	1301.7	1302.4	1303.2
147.5°	1339.6	1339.9	1340.0	1339.2	1337.7	1336.2	1334.6	1333.1	1334.6	1336.2	1337.7
150°	1373.0	1373.3	1373.4	1372.9	1371.9	1370.8	1369.8	1368.8	1369.8	1370.8	1371.9
152.5°	1401.4	1401.9	1402.2	1401.8	1401.0	1400.3	1399.5	1398.7	1399.5	1400.3	1401.0
155°	1426.4	1427.1	1427.5	1427.4	1427.1	1426.9	1426.6	1426.4	1426.6	1426.9	1427.1
157.5°	1449.0	1450.1	1450.6	1450.6	1450.6	1450.6	1450.6	1450.6	1450.6	1450.6	1450.6
160°	1467.4	1467.7	1467.8	1468.2	1469.0	1469.7	1470.5	1471.3	1470.5	1469.7	1469.0
162.5°	1484.7	1485.0	1485.1	1485.6	1486.6	1487.7	1488.7	1489.7	1488.7	1487.7	1486.6
165°	1498.9	1498.9	1498.9	1499.5	1500.8	1502.1	1503.4	1504.7	1503.4	1502.1	1500.8
167.5°	1511.2	1511.5	1511.6	1512.2	1513.5	1514.8	1516.0	1517.3	1516.0	1514.8	1513.5
170°	1521.2	1520.9	1520.8	1521.6	1523.1	1524.6	1526.2	1527.7	1526.2	1524.6	1523.1
172.5°	1528.1	1527.8	1527.7	1528.5	1530.0	1531.5	1533.1	1534.6	1533.1	1531.5	1530.0
175°	1532.7	1532.4	1532.3	1533.1	1534.6	1536.1	1537.7	1539.2	1537.7	1536.1	1534.6
177.5°	1535.4	1534.9	1534.6	1535.5	1537.3	1539.1	1540.9	1542.7	1540.9	1539.1	1537.3
180°	1539.2	1539.2	1539.2	1539.2	1539.2	1539.2	1539.2	1539.2	1539.2	1539.2	1539.2

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CATALOG NUMBER: S124RDIP-B1195D1205UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
0°	1968.8	1968.8	1968.8	1968.8	1968.8	1968.8	1968.8	1968.8	1968.8	1968.8	1968.8
2.5°	1937.1	1933.9	1930.8	1918.1	1907.0	1887.9	1872.1	1865.7	1864.1	1865.7	1861.0
5°	1881.6	1880.0	1868.9	1846.7	1826.1	1803.8	1788.0	1772.1	1762.6	1762.6	1751.5
7.5°	1829.2	1818.1	1808.6	1780.0	1756.3	1726.1	1702.3	1688.0	1680.1	1662.6	1662.6
10°	1773.7	1757.8	1745.1	1718.2	1683.3	1653.1	1623.0	1605.5	1591.3	1578.6	1573.8
12.5°	1718.2	1705.5	1681.7	1653.1	1618.2	1580.1	1548.4	1535.7	1502.4	1475.4	1477.0
15°	1665.8	1637.3	1626.2	1584.9	1543.7	1507.2	1461.2	1424.7	1397.7	1380.3	1358.0
17.5°	1607.1	1578.6	1557.9	1523.0	1469.1	1412.0	1367.6	1318.4	1291.4	1261.3	1247.0
20°	1542.1	1518.3	1502.4	1446.9	1381.8	1313.6	1264.4	1234.3	1204.2	1181.9	1169.2
22.5°	1486.5	1456.4	1437.4	1362.8	1291.4	1223.2	1185.1	1159.7	1134.3	1115.3	1109.0
25°	1415.2	1397.7	1351.7	1286.6	1199.4	1153.4	1120.1	1086.7	1072.5	1059.8	1045.5
27.5°	1356.5	1313.6	1281.9	1196.2	1142.3	1089.9	1056.6	1031.2	1013.8	1001.1	990.0
30°	1283.5	1243.8	1199.4	1128.0	1078.8	1029.6	999.5	978.9	959.8	951.9	942.4
32.5°	1207.3	1170.8	1128.0	1070.9	1010.6	972.5	948.7	926.5	913.8	905.9	894.8
35°	1139.1	1093.1	1064.5	1010.6	961.4	918.6	896.4	877.3	863.1	859.9	858.3
37.5°	1066.1	1031.2	1004.3	948.7	907.5	871.0	850.4	829.7	821.8	820.2	813.9
40°	1002.7	972.5	947.1	894.8	850.4	817.0	801.2	788.5	780.6	780.6	779.0
42.5°	947.1	915.4	890.0	842.4	802.8	772.6	755.2	742.5	739.3	740.9	739.3
45°	885.3	858.3	832.9	783.7	750.4	728.2	709.2	702.8	698.1	699.6	701.2
47.5°	826.6	804.4	779.0	739.3	701.2	677.4	666.3	660.0	660.0	660.0	663.2
50°	774.2	748.8	726.6	685.4	650.5	631.4	621.9	614.0	615.6	617.1	618.7
52.5°	712.3	690.1	674.3	633.0	607.6	583.8	572.7	574.3	572.7	572.7	575.9
55°	658.4	636.2	620.3	582.2	556.9	541.0	531.5	526.7	528.3	525.1	531.5
57.5°	598.1	579.1	568.0	531.5	509.3	495.0	487.1	479.1	482.3	480.7	479.1
60°	545.8	523.5	506.1	480.7	461.7	444.2	439.5	431.5	434.7	431.5	429.9
62.5°	485.5	468.0	455.3	429.9	414.1	399.8	388.7	383.9	382.3	377.6	372.8
65°	425.2	415.7	403.0	377.6	361.7	350.6	344.3	339.5	337.9	325.2	311.0
67.5°	369.7	363.3	350.6	331.6	317.3	306.2	296.7	288.7	279.2	269.7	261.8
70°	317.3	307.8	299.8	282.4	269.7	258.6	249.1	239.6	234.8	225.3	222.1
72.5°	266.5	257.0	249.1	233.2	222.1	211.0	207.8	196.7	192.0	190.4	190.4
75°	214.2	206.2	201.5	187.2	177.7	169.8	165.0	161.8	158.6	155.5	150.7
77.5°	163.4	158.6	155.5	146.0	138.0	133.3	131.7	120.6	117.4	114.2	111.1
80°	119.0	117.4	114.2	106.3	103.1	92.0	92.0	88.8	87.3	87.3	87.3
82.5°	80.9	77.7	76.2	68.2	66.6	65.0	63.5	61.9	63.5	61.9	63.5
85°	42.8	41.2	39.7	39.7	39.7	39.7	39.7	39.7	39.7	38.1	39.7
87.5°	15.9	15.9	15.9	15.9	14.3	15.9	15.9	14.3	15.9	15.9	15.9
90°	14.7	16.1	17.1	19.2	21.2	23.3	25.3	26.8	28.4	29.9	31.4
92.5°	15.3	15.0	16.0	18.1	20.1	22.2	24.2	25.7	27.3	28.8	30.3
95°	28.5	24.2	24.3	24.6	24.8	25.1	25.3	26.8	28.4	29.9	31.4
97.5°	143.4	146.2	132.8	105.9	79.0	52.2	25.3	26.6	27.9	29.2	30.5
100°	207.2	209.5	191.9	156.6	121.3	86.0	50.7	46.3	42.0	37.6	33.3
102.5°	277.1	278.6	280.1	283.2	286.3	289.3	292.4	234.8	177.3	119.7	62.2
105°	352.6	353.4	354.0	355.3	356.6	357.9	359.2	361.5	363.8	366.1	368.4
107.5°	424.4	424.8	425.7	427.5	429.3	431.1	432.9	434.2	435.4	436.7	438.0
110°	500.4	500.8	501.6	503.1	504.6	506.2	507.7	508.2	508.7	509.2	509.7

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CATALOG NUMBER: S124RDIP-B1195D1205UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
112.5°	577.1	577.9	578.2	578.7	579.2	579.7	580.2	580.0	579.7	579.5	579.2
115°	650.0	650.4	650.3	650.0	649.8	649.5	649.3	649.8	650.3	650.8	651.3
117.5°	719.0	719.5	719.9	720.7	721.4	722.2	723.0	722.7	722.5	722.2	721.9
120°	788.1	788.6	788.5	788.2	787.9	787.7	787.4	787.9	788.4	788.9	789.4
122.5°	850.5	850.8	851.1	851.6	852.1	852.6	853.1	853.3	853.6	853.8	854.1
125°	913.6	914.1	913.8	913.3	912.8	912.3	911.8	912.6	913.3	914.1	914.8
127.5°	969.2	969.3	969.9	971.2	972.5	973.8	975.1	974.8	974.6	974.3	974.0
130°	1025.6	1025.7	1026.1	1026.9	1027.6	1028.4	1029.2	1029.5	1029.7	1030.0	1030.3
132.5°	1078.4	1078.7	1079.2	1080.2	1081.3	1082.3	1083.3	1083.6	1083.8	1084.1	1084.4
135°	1127.2	1127.1	1127.6	1128.6	1129.7	1130.7	1131.7	1132.2	1132.7	1133.2	1133.7
137.5°	1174.3	1174.3	1174.9	1176.2	1177.5	1178.7	1180.0	1180.5	1181.0	1181.5	1182.0
140°	1221.2	1221.5	1221.8	1222.3	1222.8	1223.3	1223.8	1224.6	1225.3	1226.1	1226.8
142.5°	1263.6	1264.1	1264.2	1264.5	1264.7	1265.0	1265.2	1265.7	1266.2	1266.7	1267.2
145°	1303.9	1304.3	1304.3	1304.3	1304.3	1304.3	1304.3	1304.6	1304.8	1305.1	1305.4
147.5°	1339.2	1340.0	1339.9	1339.6	1339.4	1339.1	1338.9	1339.1	1339.4	1339.6	1339.9
150°	1372.9	1373.4	1373.3	1373.0	1372.8	1372.5	1372.3	1372.3	1372.3	1372.3	1372.3
152.5°	1401.8	1402.2	1401.9	1401.4	1400.9	1400.4	1399.9	1400.4	1400.9	1401.4	1401.9
155°	1427.4	1427.5	1427.1	1426.4	1425.6	1424.9	1424.1	1425.1	1426.1	1427.2	1428.2
157.5°	1450.6	1450.6	1450.1	1449.0	1448.0	1446.9	1445.9	1447.2	1448.5	1449.8	1451.1
160°	1468.2	1467.8	1467.7	1467.4	1467.2	1466.9	1466.7	1468.2	1469.8	1471.3	1472.8
162.5°	1485.6	1485.1	1485.0	1484.7	1484.4	1484.2	1483.9	1485.4	1487.0	1488.5	1490.0
165°	1499.5	1498.9	1498.9	1498.9	1498.9	1498.9	1498.9	1500.9	1503.0	1505.0	1507.1
167.5°	1512.2	1511.6	1511.5	1511.2	1510.9	1510.7	1510.4	1512.7	1515.0	1517.3	1519.6
170°	1521.6	1520.8	1520.9	1521.2	1521.4	1521.7	1521.9	1523.9	1526.0	1528.0	1530.1
172.5°	1528.5	1527.7	1527.8	1528.1	1528.3	1528.6	1528.8	1530.8	1532.9	1534.9	1537.0
175°	1533.1	1532.3	1532.4	1532.7	1532.9	1533.2	1533.4	1535.7	1538.0	1540.3	1542.6
177.5°	1535.5	1534.6	1534.9	1535.4	1535.9	1536.4	1536.9	1538.9	1541.0	1543.0	1545.1
180°	1539.2	1539.2	1539.2	1539.2	1539.2	1539.2	1539.2	1539.2	1539.2	1539.2	1539.2

TEST NUMBER: P1013262

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CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
0°	1968.8	1968.8	1968.8	1968.8	1968.8	1968.8	1968.8	1968.8	1968.8	1968.8	1968.8
2.5°	1861.0	1867.3	1859.4	1864.1	1853.0	1851.4	1853.0	1853.0	1854.6	1856.2	1857.8
5°	1756.3	1754.7	1745.1	1738.8	1734.0	1738.8	1742.0	1745.1	1742.0	1745.1	1746.7
7.5°	1657.9	1653.1	1648.4	1637.3	1640.4	1637.3	1646.8	1642.0	1642.0	1650.0	1656.3
10°	1570.6	1561.1	1557.9	1545.2	1535.7	1534.1	1545.2	1550.0	1554.8	1557.9	1570.6
12.5°	1458.0	1443.7	1432.6	1437.4	1410.4	1421.5	1424.7	1418.3	1437.4	1459.6	1446.9
15°	1337.4	1339.0	1316.8	1308.9	1286.6	1293.0	1294.6	1310.4	1326.3	1324.7	1343.8
17.5°	1248.6	1239.1	1220.0	1218.4	1208.9	1213.7	1212.1	1224.8	1220.0	1227.9	1243.8
20°	1166.1	1159.7	1143.9	1137.5	1140.7	1137.5	1139.1	1140.7	1145.5	1162.9	1159.7
22.5°	1101.0	1093.1	1093.1	1085.2	1075.6	1072.5	1080.4	1085.2	1091.5	1094.7	1102.6
25°	1043.9	1037.6	1029.6	1024.9	1016.9	1018.5	1023.3	1029.6	1034.4	1040.7	1047.1
27.5°	985.2	985.2	977.3	975.7	972.5	970.9	977.3	980.5	980.5	985.2	991.6
30°	939.2	939.2	931.3	929.7	928.1	928.1	932.9	934.4	936.0	940.8	944.0
32.5°	894.8	893.2	890.0	891.6	890.0	891.6	891.6	893.2	896.4	898.0	904.3
35°	853.5	855.1	851.9	851.9	850.4	851.9	855.1	856.7	858.3	861.5	861.5
37.5°	813.9	817.0	815.5	820.2	820.2	820.2	820.2	823.4	823.4	823.4	821.8
40°	779.0	779.0	777.4	780.6	783.7	783.7	785.3	785.3	786.9	786.9	785.3
42.5°	739.3	742.5	747.2	748.8	752.0	750.4	755.2	753.6	755.2	752.0	748.8
45°	702.8	702.8	709.2	715.5	717.1	717.1	717.1	720.3	717.1	712.3	710.8
47.5°	663.2	666.3	669.5	677.4	679.0	679.0	679.0	679.0	675.8	675.8	675.8
50°	623.5	625.1	626.7	629.8	634.6	633.0	633.0	633.0	639.4	633.0	634.6
52.5°	575.9	577.5	579.1	585.4	583.8	583.8	585.4	585.4	590.2	588.6	585.4
55°	528.3	528.3	531.5	531.5	531.5	534.6	536.2	539.4	537.8	539.4	541.0
57.5°	480.7	477.5	475.9	475.9	480.7	479.1	480.7	480.7	487.1	490.2	491.8
60°	425.2	425.2	423.6	414.1	414.1	412.5	417.2	420.4	423.6	437.9	436.3
62.5°	368.1	361.7	355.4	357.0	347.4	352.2	349.0	352.2	361.7	372.8	374.4
65°	311.0	306.2	299.8	298.3	295.1	299.8	298.3	299.8	304.6	311.0	318.9
67.5°	260.2	258.6	255.4	253.8	253.8	253.8	257.0	257.0	258.6	263.4	268.1
70°	222.1	220.5	222.1	218.9	220.5	218.9	220.5	222.1	223.7	225.3	230.0
72.5°	187.2	187.2	187.2	184.0	187.2	185.6	185.6	187.2	188.8	190.4	193.6
75°	149.1	146.0	142.8	139.6	138.0	141.2	142.8	141.2	146.0	152.3	152.3
77.5°	112.6	111.1	111.1	111.1	112.6	111.1	114.2	112.6	114.2	114.2	117.4
80°	87.3	85.7	87.3	87.3	85.7	88.8	87.3	87.3	88.8	90.4	88.8
82.5°	63.5	65.0	63.5	63.5	63.5	66.6	63.5	63.5	63.5	65.0	65.0
85°	39.7	39.7	39.7	39.7	41.2	39.7	41.2	39.7	42.8	41.2	41.2
87.5°	14.3	15.9	17.5	17.5	17.5	17.5	15.9	17.5	19.0	17.5	19.0
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°	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1
95°	32.2	32.3	32.6	32.9	33.1	33.4	33.1	32.9	32.6	32.3	32.2
97.5°	31.1	31.2	31.5	31.7	32.0	32.2	32.0	31.7	31.5	31.2	31.1
100°	31.1	31.2	31.5	31.7	32.0	32.2	32.0	31.7	31.5	31.2	31.1
102.5°	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4
105°	369.5	364.9	355.7	346.5	337.3	328.1	337.3	346.5	355.7	364.9	369.5
107.5°	438.6	439.1	440.1	441.2	442.2	443.2	442.2	441.2	440.1	439.1	438.6
110°	510.0	510.4	511.1	511.9	512.6	513.4	512.6	511.9	511.1	510.4	510.0

TEST NUMBER: P1013262

CATALOG NUMBER: S124RDIP-B1195D1205UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
112.5°	579.1	579.6	580.6	581.7	582.7	583.7	582.7	581.7	580.6	579.6	579.1
115°	651.6	651.6	651.6	651.6	651.6	651.6	651.6	651.6	651.6	651.6	651.6
117.5°	721.8	721.8	721.8	721.8	721.8	721.8	721.8	721.8	721.8	721.8	721.8
120°	789.7	789.4	788.9	788.4	787.9	787.4	787.9	788.4	788.9	789.4	789.7
122.5°	854.2	853.9	853.4	852.9	852.4	851.9	852.4	852.9	853.4	853.9	854.2
125°	915.2	915.3	915.6	915.9	916.1	916.4	916.1	915.9	915.6	915.3	915.2
127.5°	973.9	973.8	973.5	973.3	973.0	972.8	973.0	973.3	973.5	973.8	973.9
130°	1030.4	1030.4	1030.4	1030.4	1030.4	1030.4	1030.4	1030.4	1030.4	1030.4	1030.4
132.5°	1084.5	1084.4	1084.1	1083.8	1083.6	1083.3	1083.6	1083.8	1084.1	1084.4	1084.5
135°	1134.0	1134.3	1134.8	1135.3	1135.8	1136.3	1135.8	1135.3	1134.8	1134.3	1134.0
137.5°	1182.3	1182.2	1181.9	1181.7	1181.4	1181.2	1181.4	1181.7	1181.9	1182.2	1182.3
140°	1227.2	1227.3	1227.6	1227.9	1228.1	1228.4	1228.1	1227.9	1227.6	1227.3	1227.2
142.5°	1267.5	1267.5	1267.5	1267.5	1267.5	1267.5	1267.5	1267.5	1267.5	1267.5	1267.5
145°	1305.5	1305.8	1306.3	1306.8	1307.3	1307.8	1307.3	1306.8	1306.3	1305.8	1305.5
147.5°	1340.0	1340.1	1340.4	1340.7	1340.9	1341.2	1340.9	1340.7	1340.4	1340.1	1340.0
150°	1372.3	1372.4	1372.7	1372.9	1373.2	1373.4	1373.2	1372.9	1372.7	1372.4	1372.3
152.5°	1402.2	1402.1	1401.8	1401.6	1401.3	1401.1	1401.3	1401.6	1401.8	1402.1	1402.2
155°	1428.7	1428.3	1427.5	1426.8	1426.0	1425.2	1426.0	1426.8	1427.5	1428.3	1428.7
157.5°	1451.7	1451.1	1449.8	1448.5	1447.2	1445.9	1447.2	1448.5	1449.8	1451.1	1451.7
160°	1473.6	1472.8	1471.3	1469.8	1468.2	1466.7	1468.2	1469.8	1471.3	1472.8	1473.6
162.5°	1490.8	1489.9	1488.1	1486.4	1484.6	1482.8	1484.6	1486.4	1488.1	1489.9	1490.8
165°	1508.1	1507.0	1504.7	1502.4	1500.1	1497.8	1500.1	1502.4	1504.7	1507.0	1508.1
167.5°	1520.8	1519.5	1517.0	1514.4	1511.9	1509.3	1511.9	1514.4	1517.0	1519.5	1520.8
170°	1531.1	1529.8	1527.3	1524.7	1522.2	1519.6	1522.2	1524.7	1527.3	1529.8	1531.1
172.5°	1538.0	1536.6	1533.8	1531.0	1528.2	1525.4	1528.2	1531.0	1533.8	1536.6	1538.0
175°	1543.8	1542.3	1539.2	1536.1	1533.1	1530.0	1533.1	1536.1	1539.2	1542.3	1543.8
177.5°	1546.1	1544.6	1541.5	1538.4	1535.4	1532.3	1535.4	1538.4	1541.5	1544.6	1546.1
180°	1539.2	1539.2	1539.2	1539.2	1539.2	1539.2	1539.2	1539.2	1539.2	1539.2	1539.2

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CATALOG NUMBER: S124RDIP-B1195D1205UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
0°	1968.8	1968.8	1968.8	1968.8	1968.8	1968.8	1968.8	1968.8	1968.8	1968.8	1968.8
2.5°	1864.1	1872.1	1868.9	1857.8	1862.5	1872.1	1881.6	1894.3	1902.2	1908.6	1911.7
5°	1754.7	1768.9	1765.8	1765.8	1772.1	1788.0	1803.8	1830.8	1840.3	1851.4	1867.3
7.5°	1657.9	1669.0	1678.5	1681.7	1691.2	1711.8	1732.5	1762.6	1786.4	1799.1	1808.6
10°	1572.2	1580.1	1594.4	1602.4	1611.9	1637.3	1667.4	1699.1	1722.9	1745.1	1757.8
12.5°	1462.7	1494.5	1513.5	1526.2	1538.9	1577.0	1600.8	1635.7	1664.2	1684.9	1703.9
15°	1340.6	1378.7	1389.8	1439.0	1470.7	1500.8	1537.3	1578.6	1605.5	1629.3	1654.7
17.5°	1237.5	1264.4	1277.1	1329.5	1356.5	1404.0	1456.4	1508.8	1550.0	1567.5	1592.8
20°	1172.4	1186.7	1212.1	1229.5	1258.1	1313.6	1370.7	1434.2	1496.1	1513.5	1538.9
22.5°	1105.8	1124.8	1142.3	1166.1	1188.3	1226.4	1283.5	1353.3	1419.9	1451.6	1481.8
25°	1045.5	1064.5	1075.6	1101.0	1121.7	1159.7	1199.4	1270.8	1350.1	1377.1	1424.7
27.5°	997.9	1009.0	1028.0	1039.2	1063.0	1097.9	1134.3	1188.3	1266.0	1312.0	1358.0
30°	950.3	958.2	974.1	990.0	1007.4	1031.2	1072.5	1124.8	1196.2	1235.9	1281.9
32.5°	902.7	915.4	924.9	936.0	955.1	983.6	1012.2	1063.0	1120.1	1164.5	1210.5
35°	863.1	867.8	880.5	893.2	905.9	931.3	961.4	1010.6	1061.4	1096.3	1137.5
37.5°	820.2	828.2	837.7	842.4	863.1	878.9	910.6	948.7	1009.0	1031.2	1072.5
40°	786.9	785.3	794.8	802.8	812.3	837.7	856.7	898.0	945.6	980.5	1005.8
42.5°	745.7	745.7	748.8	758.3	771.0	786.9	809.1	844.0	893.2	918.6	948.7
45°	712.3	707.6	709.2	715.5	723.4	739.3	761.5	791.7	840.8	861.5	893.2
47.5°	672.7	667.9	667.9	674.3	680.6	691.7	709.2	744.1	783.7	810.7	834.5
50°	628.3	629.8	628.3	633.0	636.2	647.3	666.3	694.9	731.4	753.6	780.6
52.5°	587.0	583.8	582.2	585.4	591.8	599.7	620.3	645.7	680.6	702.8	726.6
55°	536.2	539.4	539.4	539.4	548.9	552.1	568.0	593.3	628.3	645.7	667.9
57.5°	490.2	488.6	491.8	490.2	498.2	509.3	522.0	541.0	575.9	593.3	614.0
60°	439.5	441.0	442.6	442.6	449.0	460.1	474.4	491.8	520.4	537.8	556.9
62.5°	377.6	385.5	393.5	396.6	406.1	414.1	423.6	442.6	468.0	480.7	498.2
65°	318.9	330.0	341.1	349.0	355.4	363.3	376.0	393.5	414.1	426.8	444.2
67.5°	268.1	276.1	290.3	298.3	311.0	320.5	328.4	342.7	368.1	372.8	387.1
70°	231.6	234.8	241.1	247.5	261.8	269.7	279.2	293.5	312.5	323.6	331.6
72.5°	195.1	196.7	199.9	206.2	212.6	222.1	233.2	245.9	263.4	268.1	279.2
75°	155.5	165.0	165.0	169.8	174.5	179.3	188.8	201.5	212.6	220.5	226.9
77.5°	115.8	120.6	123.7	131.7	138.0	142.8	149.1	158.6	165.0	171.3	176.1
80°	90.4	92.0	93.6	93.6	96.8	103.1	109.5	115.8	123.7	126.9	131.7
82.5°	66.6	66.6	66.6	69.8	71.4	73.0	73.0	76.2	84.1	87.3	92.0
85°	42.8	42.8	42.8	42.8	44.4	46.0	47.6	49.2	49.2	49.2	52.4
87.5°	17.5	20.6	19.0	20.6	20.6	20.6	20.6	22.2	22.2	23.8	23.8
90°	31.4	29.9	28.4	26.8	25.3	23.3	21.2	19.2	17.1	16.1	14.7
92.5°	30.3	28.8	27.3	25.7	24.2	22.2	20.1	18.1	16.0	15.0	15.3
95°	31.4	29.9	28.4	26.8	25.3	25.1	24.8	24.6	24.3	24.2	28.5
97.5°	30.5	29.2	27.9	26.6	25.3	52.2	79.0	105.9	132.8	146.2	143.4
100°	33.3	37.6	42.0	46.3	50.7	86.0	121.3	156.6	191.9	209.5	207.2
102.5°	62.2	119.7	177.3	234.8	292.4	289.3	286.3	283.2	280.1	278.6	277.1
105°	368.4	366.1	363.8	361.5	359.2	357.9	356.6	355.3	354.0	353.4	352.6
107.5°	438.0	436.7	435.4	434.2	432.9	431.1	429.3	427.5	425.7	424.8	424.4
110°	509.7	509.2	508.7	508.2	507.7	506.2	504.6	503.1	501.6	500.8	500.4

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CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
112.5°	579.2	579.5	579.7	580.0	580.2	579.7	579.2	578.7	578.2	577.9	577.1
115°	651.3	650.8	650.3	649.8	649.3	649.5	649.8	650.0	650.3	650.4	650.0
117.5°	721.9	722.2	722.5	722.7	723.0	722.2	721.4	720.7	719.9	719.5	719.0
120°	789.4	788.9	788.4	787.9	787.4	787.7	787.9	788.2	788.5	788.6	788.1
122.5°	854.1	853.8	853.6	853.3	853.1	852.6	852.1	851.6	851.1	850.8	850.5
125°	914.8	914.1	913.3	912.6	911.8	912.3	912.8	913.3	913.8	914.1	913.6
127.5°	974.0	974.3	974.6	974.8	975.1	973.8	972.5	971.2	969.9	969.3	969.2
130°	1030.3	1030.0	1029.7	1029.5	1029.2	1028.4	1027.6	1026.9	1026.1	1025.7	1025.6
132.5°	1084.4	1084.1	1083.8	1083.6	1083.3	1082.3	1081.3	1080.2	1079.2	1078.7	1078.4
135°	1133.7	1133.2	1132.7	1132.2	1131.7	1130.7	1129.7	1128.6	1127.6	1127.1	1127.2
137.5°	1182.0	1181.5	1181.0	1180.5	1180.0	1178.7	1177.5	1176.2	1174.9	1174.3	1174.3
140°	1226.8	1226.1	1225.3	1224.6	1223.8	1223.3	1222.8	1222.3	1221.8	1221.5	1221.2
142.5°	1267.2	1266.7	1266.2	1265.7	1265.2	1265.0	1264.7	1264.5	1264.2	1264.1	1263.6
145°	1305.4	1305.1	1304.8	1304.6	1304.3	1304.3	1304.3	1304.3	1304.3	1304.3	1303.9
147.5°	1339.9	1339.6	1339.4	1339.1	1338.9	1339.1	1339.4	1339.6	1339.9	1340.0	1339.2
150°	1372.3	1372.3	1372.3	1372.3	1372.3	1372.5	1372.8	1373.0	1373.3	1373.4	1372.9
152.5°	1401.9	1401.4	1400.9	1400.4	1399.9	1400.4	1400.9	1401.4	1401.9	1402.2	1401.8
155°	1428.2	1427.2	1426.1	1425.1	1424.1	1424.9	1425.6	1426.4	1427.1	1427.5	1427.4
157.5°	1451.1	1449.8	1448.5	1447.2	1445.9	1446.9	1448.0	1449.0	1450.1	1450.6	1450.6
160°	1472.8	1471.3	1469.8	1468.2	1466.7	1466.9	1467.2	1467.4	1467.7	1467.8	1468.2
162.5°	1490.0	1488.5	1487.0	1485.4	1483.9	1484.2	1484.4	1484.7	1485.0	1485.1	1485.6
165°	1507.1	1505.0	1503.0	1500.9	1498.9	1498.9	1498.9	1498.9	1498.9	1498.9	1499.5
167.5°	1519.6	1517.3	1515.0	1512.7	1510.4	1510.7	1510.9	1511.2	1511.5	1511.6	1512.2
170°	1530.1	1528.0	1526.0	1523.9	1521.9	1521.7	1521.4	1521.2	1520.9	1520.8	1521.6
172.5°	1537.0	1534.9	1532.9	1530.8	1528.8	1528.6	1528.3	1528.1	1527.8	1527.7	1528.5
175°	1542.6	1540.3	1538.0	1535.7	1533.4	1533.2	1532.9	1532.7	1532.4	1532.3	1533.1
177.5°	1545.1	1543.0	1541.0	1538.9	1536.9	1536.4	1535.9	1535.4	1534.9	1534.6	1535.5
180°	1539.2	1539.2	1539.2	1539.2	1539.2	1539.2	1539.2	1539.2	1539.2	1539.2	1539.2

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CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
0°	1968.8	1968.8	1968.8	1968.8
2.5°	1924.4	1933.9	1949.8	1972.0
5°	1880.0	1907.0	1932.4	1965.7
7.5°	1840.3	1872.1	1907.0	1954.6
10°	1794.3	1834.0	1878.4	1937.1
12.5°	1740.4	1795.9	1846.7	1910.1
15°	1700.7	1742.0	1807.0	1881.6
17.5°	1645.2	1700.7	1765.8	1849.9
20°	1592.8	1651.5	1724.5	1811.8
22.5°	1537.3	1603.9	1676.9	1770.5
25°	1480.2	1551.6	1624.6	1724.5
27.5°	1427.8	1492.9	1575.4	1676.9
30°	1364.4	1439.0	1518.3	1624.6
32.5°	1302.5	1380.3	1461.2	1567.5
35°	1235.9	1313.6	1402.5	1504.0
37.5°	1170.8	1256.5	1337.4	1435.8
40°	1099.4	1188.3	1272.4	1372.3
42.5°	1029.6	1121.7	1205.7	1291.4
45°	964.6	1055.0	1131.2	1212.1
47.5°	902.7	983.6	1061.4	1134.3
50°	842.4	910.6	982.0	1042.3
52.5°	779.0	844.0	901.1	955.1
55°	721.9	772.6	823.4	872.6
57.5°	653.6	704.4	748.8	786.9
60°	596.5	628.3	671.1	710.8
62.5°	531.5	568.0	601.3	626.7
65°	468.0	499.7	525.1	547.3
67.5°	414.1	433.1	452.2	475.9
70°	349.0	364.9	387.1	404.6
72.5°	293.5	306.2	317.3	337.9
75°	238.0	249.1	255.4	274.5
77.5°	184.0	195.1	199.9	211.0
80°	141.2	142.8	149.1	158.6
82.5°	96.8	99.9	101.5	109.5
85°	55.5	63.5	61.9	65.0
87.5°	23.8	25.4	28.6	31.7
90°	11.9	9.1	6.3	3.5
92.5°	15.8	16.3	16.8	17.3
95°	37.2	45.9	54.6	63.3
97.5°	137.8	132.1	126.5	120.9
100°	202.6	198.0	193.4	188.8
102.5°	274.0	270.9	267.9	264.8
105°	351.1	349.6	348.0	346.5
107.5°	423.7	422.9	422.2	421.4
110°	499.6	498.9	498.1	497.3



TEST NUMBER: P1013262

CATALOG NUMBER: S124RDIP-B1195D1205UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
112.5°	575.6	574.1	572.5	571.0
115°	649.3	648.5	647.8	647.0
117.5°	718.0	716.9	715.9	714.9
120°	787.1	786.0	785.0	784.0
122.5°	850.0	849.5	849.0	848.5
125°	912.6	911.5	910.5	909.5
127.5°	968.9	968.7	968.4	968.2
130°	1025.3	1025.1	1024.8	1024.6
132.5°	1077.9	1077.4	1076.9	1076.4
135°	1127.5	1127.7	1128.0	1128.2
137.5°	1174.3	1174.3	1174.3	1174.3
140°	1220.7	1220.2	1219.7	1219.2
142.5°	1262.5	1261.5	1260.4	1259.4
145°	1303.2	1302.4	1301.7	1300.9
147.5°	1337.7	1336.2	1334.6	1333.1
150°	1371.9	1370.8	1369.8	1368.8
152.5°	1401.0	1400.3	1399.5	1398.7
155°	1427.1	1426.9	1426.6	1426.4
157.5°	1450.6	1450.6	1450.6	1450.6
160°	1469.0	1469.7	1470.5	1471.3
162.5°	1486.6	1487.7	1488.7	1489.7
165°	1500.8	1502.1	1503.4	1504.7
167.5°	1513.5	1514.8	1516.0	1517.3
170°	1523.1	1524.6	1526.2	1527.7
172.5°	1530.0	1531.5	1533.1	1534.6
175°	1534.6	1536.1	1537.7	1539.2
177.5°	1537.3	1539.1	1540.9	1542.7
180°	1539.2	1539.2	1539.2	1539.2

(END OF REPORT)