

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: P1027104

Luminaire Tested: S125RDIP-B1270D1090UB2750-4F0-XX-W2A-A_2700K

Issue Date: 5/6/2025

Test Information

Test Method: LM-79-2019
Report Number: P1027104
REPORT IS A COMBINATION OF REPORTS P1005125 AND P1007351
Test Lab: INNOVATION CENTER
Issue Date: 5/6/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: NEO-RAY
Catalog Number: S125RDIP-B1270D1090UB2750-4F0-XX-W2A-A_2700K
Description: Define 5 Regressed Direct/Indirect Pendant with 2700K BioUP LEDs {m-DER=0.473}
{m-EER=0.52}
Light Source: -
Ballast/Driver: -

Summary

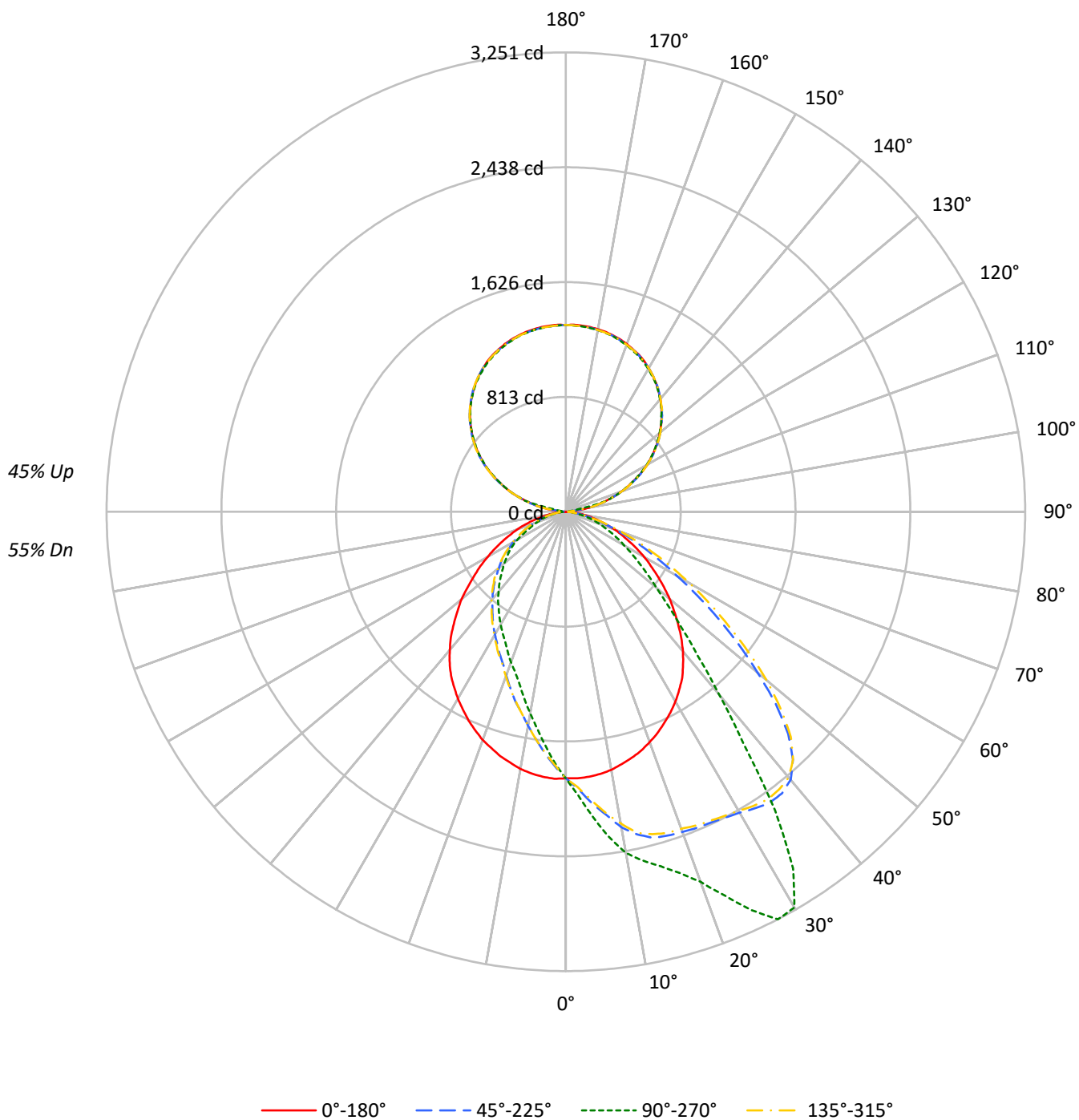
Lumens per Lamp: N/A
Luminaire Lumens: 8951.0 lumens
Efficiency: N/A
Efficacy: 99.7 lumens/watt
Spacing Criteria (0/90/45): 1.21 / 1.4 / 1.47
Luminous Opening: Rectangular w/ Sides (W: 0.42' x L: 4' x H: 0.1')
CIE Type: General Diffuse

Input Watts (W): 89.8
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
RCR																	
0	108	108	108	108	100	100	100	100	86	86	86	73	73	73	60	60	60
1	99	95	91	88	92	89	85	82	76	74	72	65	63	61	54	53	52
2	91	84	78	73	84	78	73	68	67	63	60	57	54	52	48	46	44
3	83	74	67	61	77	69	63	58	60	55	51	51	47	44	43	40	38
4	76	66	58	52	71	61	54	49	53	48	44	46	42	38	39	36	33
5	70	59	51	45	65	55	48	42	48	42	38	41	37	33	35	32	29
6	65	53	45	39	60	49	42	37	43	37	33	37	33	29	32	28	26
7	60	48	40	34	55	45	38	33	39	33	29	34	29	26	29	26	23
8	56	43	36	30	52	41	34	29	36	30	26	31	27	23	27	23	21
9	52	40	32	27	48	37	31	26	33	27	23	29	24	21	25	21	19
10	48	36	29	24	45	34	28	23	30	25	21	26	22	19	23	19	17

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	12088	12088	12088	12088
5°	12078	13624	12078	10472
10°	12010	15310	11970	9053
15°	11880	16197	11798	7881
20°	11722	17485	11618	7124
25°	11517	19791	11387	6465
30°	11308	21036	11139	5995
35°	11038	17300	10883	5556
40°	10558	11748	10469	5161
45°	9927	8446	9914	4772
50°	9280	6495	9326	4414
55°	8554	5281	8537	4067
60°	7877	4329	7839	3612
65°	7088	3607	7133	2907
70°	6435	2895	6409	2421
75°	5436	2193	5436	1990
80°	4405	1338	4356	1338
85°	3099	703	3013	796

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 135°

Vertical Angle: 45°

Luminance: 17206 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	180.9	2.0
10°-20°	530.4	5.9
20°-30°	841.0	9.4
30°-40°	1016.3	11.4
40°-50°	904.8	10.1
50°-60°	693.8	7.8
60°-70°	450.6	5.0
70°-80°	218.7	2.4
80°-90°	53.4	0.6
90°-100°	44.9	0.5
100°-110°	298.4	3.3
110°-120°	537.3	6.0
120°-130°	689.7	7.7
130°-140°	741.8	8.3
140°-150°	696.2	7.8
150°-160°	563.1	6.3
160°-170°	364.2	4.1
170°-180°	125.6	1.4
0°-30°	1552.4	17.3
0°-40°	2568.6	28.7
0°-60°	4167.3	46.6
0°-90°	4890.0	54.6
90°-120°	880.5	9.8
90°-150°	3008.1	33.6
90°-180°	4061.0	45.4
0°-180°	8951.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1887	1887	1887	1887	1887	
5°	1882	2162	1882	1662	1882	179
15°	1803	2598	1791	1264	1803	508
25°	1648	3110	1630	1016	1648	760
35°	1436	2581	1416	829	1436	894
45°	1123	1154	1122	652	1123	867
55°	793	634	792	488	793	711
65°	493	359	496	290	493	492
75°	240	167	240	152	240	257
85°	54	36	53	40	54	62
90°	1	24	1	24	1	6
95°	56	21	56	21	56	68
105°	288	291	288	291	288	305
115°	541	537	541	537	541	536
125°	769	769	769	769	769	687
135°	959	956	959	956	959	740
145°	1112	1109	1112	1109	1112	696
155°	1225	1216	1225	1216	1225	564
165°	1293	1286	1293	1286	1293	365
175°	1322	1316	1322	1316	1322	126
180°	1322	1322	1322	1322	1322	

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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	1886.7	1886.7	1886.7	1886.7	1886.7	1886.7	1886.7	1886.7	1886.7	1886.7	1886.7
2.5°	1888.2	1903.7	1908.4	1920.8	1934.7	1937.8	1945.5	1956.4	1962.6	1961.0	1961.0
5°	1882.0	1908.4	1927.0	1948.6	1975.0	1985.8	1995.1	2018.3	2036.9	2047.8	2066.4
7.5°	1871.2	1909.9	1940.9	1973.4	2013.7	2032.3	2052.4	2085.0	2119.0	2140.7	2160.9
10°	1854.2	1903.7	1947.1	1995.1	2049.3	2077.2	2102.0	2151.6	2193.4	2221.3	2267.7
12.5°	1829.4	1891.3	1951.7	2015.2	2083.4	2112.8	2146.9	2201.1	2260.0	2300.3	2339.0
15°	1803.0	1877.4	1942.4	2018.3	2100.4	2145.4	2188.7	2246.0	2298.7	2343.6	2388.6
17.5°	1772.1	1851.1	1931.6	2018.3	2111.3	2156.2	2193.4	2261.5	2317.3	2362.2	2402.5
20°	1734.9	1823.2	1914.6	2010.6	2105.1	2146.9	2182.5	2256.9	2306.5	2354.5	2411.8
22.5°	1694.6	1790.6	1888.2	1982.7	2075.7	2120.6	2162.4	2227.5	2281.7	2346.7	2421.1
25°	1648.1	1753.5	1852.6	1947.1	2035.4	2077.2	2114.4	2185.6	2261.5	2343.6	2427.3
27.5°	1601.7	1703.9	1799.9	1886.7	1982.7	2021.4	2058.6	2148.5	2238.3	2325.0	2439.7
30°	1550.5	1654.3	1738.0	1818.5	1911.5	1951.7	1998.2	2100.4	2202.7	2320.4	2459.8
32.5°	1493.2	1587.7	1665.2	1748.8	1832.5	1882.0	1940.9	2052.4	2170.1	2311.1	2489.2
35°	1435.9	1511.8	1583.1	1662.1	1762.8	1815.4	1872.7	1990.5	2137.6	2306.5	2514.0
37.5°	1363.1	1435.9	1491.7	1572.2	1676.0	1738.0	1795.3	1931.6	2098.9	2295.6	2512.5
40°	1288.8	1350.7	1403.4	1487.0	1600.1	1657.4	1719.4	1868.1	2058.6	2264.6	2475.3
42.5°	1208.2	1260.9	1318.2	1398.7	1508.7	1564.5	1635.7	1809.2	2002.9	2221.3	2379.3
45°	1123.0	1174.1	1222.2	1305.8	1415.8	1476.2	1553.6	1731.8	1934.7	2129.9	2224.4
47.5°	1039.4	1084.3	1135.4	1208.2	1319.7	1386.4	1465.4	1655.9	1843.3	2007.5	2015.2
50°	958.8	994.5	1037.8	1112.2	1228.4	1291.9	1374.0	1552.1	1734.9	1848.0	1772.1
52.5°	875.2	907.7	952.6	1017.7	1126.1	1200.5	1271.7	1449.9	1603.2	1679.1	1539.7
55°	793.1	821.0	867.4	940.2	1034.7	1092.0	1164.8	1330.6	1465.4	1466.9	1315.1
57.5°	712.5	737.3	776.0	841.1	929.4	996.0	1062.6	1206.7	1298.1	1271.7	1102.9
60°	641.3	656.8	692.4	755.9	838.0	886.0	957.3	1078.1	1138.5	1090.5	909.3
62.5°	566.9	582.4	610.3	661.4	738.9	790.0	834.9	934.0	975.9	903.1	754.4
65°	492.6	511.2	531.3	571.6	644.4	678.5	718.7	791.5	831.8	746.6	618.1
67.5°	427.5	436.8	457.0	498.8	549.9	580.9	608.8	658.3	666.1	597.9	492.6
70°	367.1	370.2	388.8	413.6	452.3	470.9	494.1	523.6	523.6	467.8	384.2
72.5°	299.0	303.6	317.5	343.9	367.1	376.4	384.2	402.7	399.6	348.5	291.2
75°	240.1	243.2	254.0	266.4	275.7	292.8	299.0	295.9	294.3	250.9	218.4
77.5°	185.9	187.4	195.2	206.0	207.6	213.8	209.1	209.1	195.2	170.4	153.4
80°	136.3	137.9	141.0	144.1	144.1	144.1	144.1	136.3	127.0	111.5	106.9
82.5°	91.4	91.4	92.9	96.0	94.5	91.4	88.3	80.5	74.4	69.7	66.6
85°	54.2	54.2	55.8	54.2	48.0	46.5	43.4	41.8	40.3	38.7	38.7
87.5°	26.3	24.8	21.7	18.6	18.6	18.6	18.6	18.6	18.6	17.0	17.0
90°	1.0	2.7	4.5	6.2	7.9	8.8	9.6	11.1	12.6	14.2	15.7
92.5°	18.6	16.6	14.7	12.7	10.8	9.8	10.5	11.8	13.1	14.4	15.7
95°	55.9	55.2	54.6	53.9	53.2	52.9	48.8	40.5	32.2	24.0	15.7
97.5°	104.9	106.2	107.5	108.8	110.1	110.7	100.4	79.7	59.0	38.3	17.6
100°	163.7	164.3	165.0	165.6	166.3	166.6	167.0	167.9	168.8	169.6	170.5
102.5°	223.4	224.3	225.2	226.1	227.0	227.4	227.6	228.0	228.5	228.9	229.3
105°	288.1	289.0	289.8	290.7	291.6	292.0	292.0	292.0	292.0	292.0	292.0
107.5°	354.8	354.8	354.8	354.8	354.8	354.8	355.0	355.4	355.9	356.3	356.7
110°	419.4	419.4	419.4	419.4	419.4	419.4	419.6	420.1	420.5	421.0	421.4

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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	480.2	480.8	481.5	482.1	482.8	483.1	483.2	483.4	483.7	483.9	484.1
115°	541.0	542.1	543.2	544.3	545.4	545.9	546.0	546.2	546.4	546.6	546.8
117.5°	604.7	604.7	604.7	604.7	604.7	604.7	605.1	606.0	606.9	607.7	608.6
120°	663.5	663.3	663.1	662.8	662.6	662.5	662.8	663.5	664.1	664.8	665.4
122.5°	715.4	716.5	717.6	718.7	719.8	720.3	720.4	720.6	720.9	721.1	721.3
125°	769.3	770.8	772.4	773.9	775.4	776.2	776.2	776.2	776.2	776.2	776.2
127.5°	821.3	822.4	823.5	824.6	825.7	826.2	826.1	825.9	825.6	825.4	825.2
130°	868.3	869.4	870.5	871.6	872.7	873.2	873.3	873.5	873.8	874.0	874.2
132.5°	915.3	916.6	917.9	919.2	920.5	921.2	920.9	920.2	919.6	918.9	918.3
135°	959.4	960.7	962.0	963.3	964.6	965.3	965.1	964.7	964.2	963.8	963.4
137.5°	1000.6	1001.9	1003.2	1004.5	1005.8	1006.5	1006.3	1005.8	1005.4	1004.9	1004.5
140°	1040.8	1041.2	1041.6	1042.1	1042.5	1042.7	1042.6	1042.4	1042.2	1042.0	1041.8
142.5°	1077.0	1077.2	1077.4	1077.7	1077.9	1078.0	1078.2	1078.7	1079.1	1079.6	1080.0
145°	1112.3	1112.7	1113.2	1113.6	1114.1	1114.3	1114.3	1114.3	1114.3	1114.3	1114.3
147.5°	1143.7	1143.7	1143.7	1143.7	1143.7	1143.7	1143.8	1144.0	1144.3	1144.5	1144.7
150°	1173.1	1172.7	1172.2	1171.8	1171.3	1171.1	1171.3	1171.8	1172.2	1172.7	1173.1
152.5°	1201.5	1200.4	1199.3	1198.2	1197.1	1196.6	1196.8	1197.3	1197.7	1198.2	1198.6
155°	1225.0	1223.7	1222.4	1221.1	1219.8	1219.1	1219.3	1219.8	1220.2	1220.7	1221.1
157.5°	1243.6	1243.0	1242.3	1241.7	1241.0	1240.7	1240.7	1240.7	1240.7	1240.7	1240.7
160°	1263.2	1261.9	1260.6	1259.3	1258.0	1257.4	1257.5	1257.7	1257.9	1258.1	1258.3
162.5°	1278.9	1277.6	1276.3	1275.0	1273.7	1273.0	1273.1	1273.3	1273.6	1273.8	1274.0
165°	1292.6	1291.3	1290.0	1288.7	1287.4	1286.8	1286.9	1287.1	1287.3	1287.5	1287.7
167.5°	1303.4	1302.1	1300.8	1299.5	1298.2	1297.5	1297.6	1297.8	1298.1	1298.3	1298.5
170°	1312.2	1310.7	1309.2	1307.7	1306.2	1305.4	1305.5	1305.7	1306.0	1306.2	1306.4
172.5°	1318.1	1316.6	1315.1	1313.6	1312.1	1311.3	1311.5	1311.9	1312.4	1312.8	1313.2
175°	1322.0	1320.7	1319.4	1318.1	1316.8	1316.2	1316.3	1316.5	1316.7	1316.9	1317.1
177.5°	1325.0	1323.7	1322.4	1321.1	1319.8	1319.1	1319.2	1319.4	1319.7	1319.9	1320.1
180°	1322.0	1322.0	1322.0	1322.0	1322.0	1322.0	1322.0	1322.0	1322.0	1322.0	1322.0

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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	1886.7	1886.7	1886.7	1886.7	1886.7	1886.7	1886.7	1886.7	1886.7	1886.7	1886.7
2.5°	1968.8	1979.6	1988.9	1984.3	2002.9	2001.3	2004.4	2010.6	2012.1	2009.1	2002.9
5°	2075.7	2091.1	2117.5	2131.4	2128.3	2140.7	2146.9	2156.2	2165.5	2162.4	2162.4
7.5°	2194.9	2216.6	2242.9	2278.6	2283.2	2294.1	2312.7	2312.7	2323.5	2318.9	2317.3
10°	2298.7	2325.0	2366.9	2394.8	2407.1	2413.3	2431.9	2438.1	2450.5	2452.1	2452.1
12.5°	2383.9	2430.4	2458.3	2486.1	2492.3	2501.6	2515.6	2524.9	2529.5	2529.5	2524.9
15°	2428.8	2466.0	2498.5	2528.0	2545.0	2552.7	2566.7	2577.5	2583.7	2597.7	2600.8
17.5°	2447.4	2492.3	2545.0	2586.8	2616.3	2624.0	2651.9	2661.2	2673.6	2679.8	2687.5
20°	2473.8	2538.8	2602.3	2653.4	2681.3	2701.5	2730.9	2774.3	2786.6	2786.6	2782.0
22.5°	2497.0	2580.6	2667.4	2749.5	2772.7	2813.0	2867.2	2913.7	2932.3	2940.0	2933.8
25°	2524.9	2639.5	2752.6	2854.8	2918.3	2947.7	3020.5	3076.3	3098.0	3110.4	3113.5
27.5°	2572.9	2716.9	2861.0	2991.1	3056.2	3090.3	3166.2	3214.2	3240.5	3251.3	3243.6
30°	2627.1	2803.7	2971.0	3087.2	3130.5	3172.3	3221.9	3240.5	3234.3	3234.3	3257.5
32.5°	2682.9	2865.6	3014.4	3090.3	3105.7	3099.5	3079.4	3023.6	2991.1	2991.1	3011.3
35°	2713.8	2871.8	2947.7	2923.0	2862.5	2826.9	2716.9	2655.0	2585.3	2580.6	2603.9
37.5°	2696.8	2765.0	2734.0	2571.3	2489.2	2421.1	2249.1	2181.0	2129.9	2058.6	2168.6
40°	2577.5	2554.3	2393.2	2159.3	2067.9	1971.9	1835.6	1767.4	1696.2	1685.3	1711.6
42.5°	2376.2	2238.3	2002.9	1776.7	1683.8	1615.6	1511.8	1445.2	1400.3	1381.7	1412.7
45°	2125.2	1908.4	1672.9	1493.2	1391.0	1355.4	1260.9	1202.0	1167.9	1154.0	1175.7
47.5°	1818.5	1600.1	1377.1	1225.3	1164.8	1129.2	1065.7	1014.6	985.2	975.9	985.2
50°	1544.4	1319.7	1132.3	1034.7	980.5	951.1	898.4	865.9	842.7	836.5	851.9
52.5°	1307.4	1102.9	960.4	873.6	838.0	813.2	776.0	748.2	734.2	728.0	738.9
55°	1095.1	929.4	814.8	740.4	714.1	698.6	666.1	650.6	635.1	633.5	644.4
57.5°	907.7	793.1	687.8	635.1	627.3	604.1	576.2	562.3	554.5	553.0	557.6
60°	755.9	653.7	590.2	543.7	532.9	514.3	498.8	489.5	480.2	477.1	480.2
62.5°	628.9	548.3	497.2	466.2	450.8	446.1	429.1	418.2	416.7	416.7	419.8
65°	518.9	450.8	418.2	393.4	382.6	378.0	365.6	357.8	359.4	359.4	360.9
67.5°	422.9	373.3	343.9	331.5	322.2	320.6	308.3	305.2	302.1	302.1	305.2
70°	336.1	305.2	283.5	277.3	275.7	264.9	260.2	258.7	254.0	255.6	255.6
72.5°	263.3	243.2	230.8	221.5	223.1	216.9	210.7	210.7	207.6	212.2	212.2
75°	195.2	185.9	176.6	173.5	176.6	173.5	168.8	167.3	168.8	167.3	167.3
77.5°	144.1	139.4	136.3	134.8	134.8	128.6	125.5	128.6	122.4	125.5	125.5
80°	100.7	94.5	92.9	89.8	91.4	86.7	88.3	85.2	85.2	85.2	85.2
82.5°	63.5	62.0	62.0	62.0	60.4	60.4	60.4	60.4	60.4	60.4	58.9
85°	38.7	37.2	37.2	37.2	35.6	35.6	35.6	35.6	35.6	35.6	35.6
87.5°	15.5	17.0	17.0	18.6	17.0	15.5	15.5	15.5	17.0	17.0	15.5
90°	16.8	17.9	19.0	20.1	20.6	20.9	21.6	22.2	22.9	23.5	22.9
92.5°	16.8	17.9	19.0	20.1	20.6	20.7	20.9	21.2	21.4	21.6	21.4
95°	16.8	17.9	19.0	20.1	20.6	20.6	20.6	20.6	20.6	20.6	20.6
97.5°	18.0	18.5	18.9	19.4	19.6	19.7	19.9	20.2	20.4	20.6	20.4
100°	138.1	105.6	73.2	40.7	24.5	24.1	23.2	22.3	21.5	20.6	21.5
102.5°	229.7	230.2	230.6	231.1	231.3	222.2	203.9	185.6	167.3	149.0	167.3
105°	292.0	292.0	292.0	292.0	292.0	291.9	291.7	291.5	291.3	291.1	291.3
107.5°	356.9	357.1	357.4	357.6	357.7	357.3	356.4	355.5	354.7	353.8	354.7
110°	420.8	420.1	419.5	418.8	418.5	418.6	418.8	419.0	419.2	419.4	419.2

TEST NUMBER: P1027104

CATALOG NUMBER: S125RDIP-B1270D1090UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	483.2	482.4	481.5	480.6	480.2	480.0	479.5	479.1	478.6	478.2	478.6
115°	545.9	545.1	544.2	543.3	542.9	542.2	540.9	539.6	538.3	537.0	538.3
117.5°	607.3	606.0	604.7	603.4	602.7	602.5	602.1	601.6	601.2	600.8	601.2
120°	665.0	664.6	664.1	663.7	663.5	663.0	661.9	660.8	659.7	658.6	659.7
122.5°	720.9	720.4	720.0	719.5	719.3	718.7	717.4	716.1	714.8	713.5	714.8
125°	775.3	774.5	773.6	772.7	772.3	772.0	771.3	770.6	770.0	769.3	770.0
127.5°	824.8	824.3	823.9	823.4	823.2	822.3	820.6	818.9	817.1	815.4	817.1
130°	873.5	872.9	872.2	871.5	871.2	870.7	869.6	868.5	867.4	866.3	867.4
132.5°	918.3	918.3	918.3	918.3	918.3	917.8	916.7	915.6	914.5	913.4	914.5
135°	963.0	962.5	962.1	961.6	961.4	960.7	959.4	958.1	956.8	955.5	956.8
137.5°	1004.5	1004.5	1004.5	1004.5	1004.5	1004.0	1002.9	1001.8	1000.7	999.6	1000.7
140°	1042.2	1042.6	1043.1	1043.5	1043.7	1043.0	1041.7	1040.4	1039.1	1037.8	1039.1
142.5°	1080.0	1080.0	1080.0	1080.0	1080.0	1079.3	1078.0	1076.7	1075.4	1074.1	1075.4
145°	1114.5	1114.7	1115.0	1115.2	1115.3	1114.6	1113.3	1112.0	1110.7	1109.4	1110.7
147.5°	1144.9	1145.1	1145.3	1145.5	1145.6	1144.8	1143.3	1141.8	1140.3	1138.8	1140.3
150°	1173.5	1173.9	1174.4	1174.8	1175.0	1174.1	1172.4	1170.7	1168.9	1167.2	1168.9
152.5°	1199.0	1199.4	1199.9	1200.3	1200.5	1199.7	1198.2	1196.7	1195.2	1193.7	1195.2
155°	1221.7	1222.4	1223.0	1223.7	1224.0	1223.1	1221.4	1219.7	1217.9	1216.2	1217.9
157.5°	1241.3	1242.0	1242.6	1243.3	1243.6	1242.7	1241.0	1239.3	1237.5	1235.8	1237.5
160°	1259.2	1260.1	1261.0	1261.9	1262.3	1261.4	1259.7	1257.9	1256.2	1254.4	1256.2
162.5°	1275.3	1276.6	1277.9	1279.2	1279.9	1278.9	1277.0	1275.0	1273.1	1271.1	1273.1
165°	1289.0	1290.3	1291.6	1292.9	1293.6	1292.7	1291.0	1289.3	1287.5	1285.8	1287.5
167.5°	1300.0	1301.6	1303.1	1304.6	1305.4	1304.4	1302.5	1300.5	1298.6	1296.6	1298.6
170°	1308.1	1309.9	1311.6	1313.3	1314.2	1313.2	1311.3	1309.3	1307.4	1305.4	1307.4
172.5°	1314.7	1316.3	1317.8	1319.3	1320.1	1319.1	1317.2	1315.2	1313.3	1311.3	1313.3
175°	1318.9	1320.6	1322.4	1324.1	1325.0	1324.0	1322.1	1320.1	1318.2	1316.2	1318.2
177.5°	1321.6	1323.1	1324.6	1326.1	1326.9	1326.0	1324.3	1322.6	1320.8	1319.1	1320.8
180°	1322.0	1322.0	1322.0	1322.0	1322.0	1322.0	1322.0	1322.0	1322.0	1322.0	1322.0

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CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	1886.7	1886.7	1886.7	1886.7	1886.7	1886.7	1886.7	1886.7	1886.7	1886.7	1886.7
2.5°	2010.6	1999.8	2004.4	1999.8	1995.1	1990.5	1979.6	1964.1	1951.7	1942.4	1940.9
5°	2165.5	2151.6	2142.3	2137.6	2128.3	2115.9	2095.8	2072.6	2044.7	2033.8	2012.1
7.5°	2308.0	2303.4	2281.7	2278.6	2272.4	2249.1	2215.1	2184.1	2148.5	2119.0	2091.1
10°	2442.8	2431.9	2416.4	2394.8	2391.7	2362.2	2329.7	2286.3	2239.9	2212.0	2162.4
12.5°	2526.4	2514.0	2497.0	2483.0	2475.3	2456.7	2411.8	2368.4	2326.6	2275.5	2232.1
15°	2586.8	2571.3	2540.4	2529.5	2520.2	2495.4	2462.9	2418.0	2362.2	2326.6	2264.6
17.5°	2668.9	2650.3	2619.4	2599.2	2582.2	2543.5	2497.0	2436.6	2383.9	2343.6	2287.9
20°	2763.4	2735.5	2695.3	2668.9	2644.1	2599.2	2534.2	2462.9	2387.0	2337.4	2280.1
22.5°	2919.9	2867.2	2803.7	2766.5	2732.4	2655.0	2577.5	2489.2	2404.0	2329.7	2260.0
25°	3071.7	3019.0	2940.0	2888.9	2836.2	2746.4	2644.1	2521.8	2413.3	2326.6	2235.2
27.5°	3212.6	3158.4	3085.6	3023.6	2972.5	2837.8	2703.0	2565.1	2427.3	2308.0	2215.1
30°	3245.2	3221.9	3166.2	3111.9	3065.5	2941.5	2785.1	2610.1	2444.3	2291.0	2187.2
32.5°	3048.4	3105.7	3119.7	3111.9	3082.5	2994.2	2850.2	2665.8	2469.1	2283.2	2140.7
35°	2639.5	2743.3	2850.2	2907.5	2935.4	2947.7	2862.5	2693.7	2486.1	2270.8	2109.7
37.5°	2188.7	2289.4	2458.3	2543.5	2637.9	2761.9	2795.9	2687.5	2478.4	2261.5	2060.2
40°	1798.4	1927.0	2066.4	2143.8	2225.9	2449.0	2617.8	2605.4	2453.6	2227.5	2021.4
42.5°	1463.8	1544.4	1666.7	1751.9	1852.6	2102.0	2328.1	2439.7	2379.3	2185.6	1971.9
45°	1220.6	1282.6	1369.3	1456.1	1518.0	1744.2	2012.1	2194.9	2252.2	2111.3	1896.0
47.5°	1028.5	1075.0	1150.9	1205.1	1271.7	1449.9	1682.2	1939.3	2060.2	2006.0	1815.4
50°	881.4	918.6	979.0	1013.0	1071.9	1225.3	1401.8	1671.4	1854.2	1860.3	1708.5
52.5°	752.8	790.0	841.1	870.5	906.2	1009.9	1188.1	1415.8	1626.4	1703.9	1586.2
55°	655.2	676.9	718.7	742.0	774.5	875.2	988.3	1181.9	1401.8	1528.9	1454.5
57.5°	565.4	588.6	615.0	633.5	656.8	737.3	839.6	985.2	1203.6	1341.4	1316.6
60°	492.6	506.5	531.3	545.2	566.9	619.6	690.9	836.5	1009.9	1140.1	1154.0
62.5°	424.4	436.8	453.9	466.2	480.2	522.0	574.7	678.5	830.3	971.2	989.8
65°	365.6	376.4	385.7	396.5	407.4	433.7	478.6	559.2	676.9	808.6	848.9
67.5°	312.9	316.0	329.9	331.5	337.7	357.8	390.3	455.4	540.6	645.9	698.6
70°	261.8	268.0	271.1	275.7	281.9	295.9	322.2	356.3	419.8	505.0	554.5
72.5°	212.2	213.8	218.4	221.5	227.7	238.5	250.9	277.3	317.5	379.5	424.4
75°	168.8	170.4	173.5	175.0	179.7	182.8	189.0	207.6	235.4	272.6	305.2
77.5°	127.0	130.1	133.2	133.2	134.8	137.9	141.0	147.2	161.1	185.9	213.8
80°	86.7	88.3	88.3	89.8	88.3	92.9	97.6	105.3	111.5	119.3	133.2
82.5°	60.4	60.4	60.4	62.0	62.0	63.5	63.5	65.1	66.6	71.3	77.4
85°	37.2	37.2	38.7	35.6	37.2	38.7	38.7	37.2	38.7	40.3	41.8
87.5°	15.5	15.5	17.0	17.0	17.0	17.0	15.5	17.0	15.5	17.0	17.0
90°	22.2	21.6	20.9	20.6	20.1	19.0	17.9	16.8	15.7	14.2	12.6
92.5°	21.2	20.9	20.7	20.6	20.1	19.0	17.9	16.8	15.7	14.4	13.1
95°	20.6	20.6	20.6	20.6	20.1	19.0	17.9	16.8	15.7	24.0	32.2
97.5°	20.2	19.9	19.7	19.6	19.4	18.9	18.5	18.0	17.6	38.3	59.0
100°	22.3	23.2	24.1	24.5	40.7	73.2	105.6	138.1	170.5	169.6	168.8
102.5°	185.6	203.9	222.2	231.3	231.1	230.6	230.2	229.7	229.3	228.9	228.5
105°	291.5	291.7	291.9	292.0	292.0	292.0	292.0	292.0	292.0	292.0	292.0
107.5°	355.5	356.4	357.3	357.7	357.6	357.4	357.1	356.9	356.7	356.3	355.9
110°	419.0	418.8	418.6	418.5	418.8	419.5	420.1	420.8	421.4	421.0	420.5

TEST NUMBER: P1027104

CATALOG NUMBER: S125RDIP-B1270D1090UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	479.1	479.5	480.0	480.2	480.6	481.5	482.4	483.2	484.1	483.9	483.7
115°	539.6	540.9	542.2	542.9	543.3	544.2	545.1	545.9	546.8	546.6	546.4
117.5°	601.6	602.1	602.5	602.7	603.4	604.7	606.0	607.3	608.6	607.7	606.9
120°	660.8	661.9	663.0	663.5	663.7	664.1	664.6	665.0	665.4	664.8	664.1
122.5°	716.1	717.4	718.7	719.3	719.5	720.0	720.4	720.9	721.3	721.1	720.9
125°	770.6	771.3	772.0	772.3	772.7	773.6	774.5	775.3	776.2	776.2	776.2
127.5°	818.9	820.6	822.3	823.2	823.4	823.9	824.3	824.8	825.2	825.4	825.6
130°	868.5	869.6	870.7	871.2	871.5	872.2	872.9	873.5	874.2	874.0	873.8
132.5°	915.6	916.7	917.8	918.3	918.3	918.3	918.3	918.3	918.3	918.9	919.6
135°	958.1	959.4	960.7	961.4	961.6	962.1	962.5	963.0	963.4	963.8	964.2
137.5°	1001.8	1002.9	1004.0	1004.5	1004.5	1004.5	1004.5	1004.5	1004.5	1004.9	1005.4
140°	1040.4	1041.7	1043.0	1043.7	1043.5	1043.1	1042.6	1042.2	1041.8	1042.0	1042.2
142.5°	1076.7	1078.0	1079.3	1080.0	1080.0	1080.0	1080.0	1080.0	1080.0	1079.6	1079.1
145°	1112.0	1113.3	1114.6	1115.3	1115.2	1115.0	1114.7	1114.5	1114.3	1114.3	1114.3
147.5°	1141.8	1143.3	1144.8	1145.6	1145.5	1145.3	1145.1	1144.9	1144.7	1144.5	1144.3
150°	1170.7	1172.4	1174.1	1175.0	1174.8	1174.4	1173.9	1173.5	1173.1	1172.7	1172.2
152.5°	1196.7	1198.2	1199.7	1200.5	1200.3	1199.9	1199.4	1199.0	1198.6	1198.2	1197.7
155°	1219.7	1221.4	1223.1	1224.0	1223.7	1223.0	1222.4	1221.7	1221.1	1220.7	1220.2
157.5°	1239.3	1241.0	1242.7	1243.6	1243.3	1242.6	1242.0	1241.3	1240.7	1240.7	1240.7
160°	1257.9	1259.7	1261.4	1262.3	1261.9	1261.0	1260.1	1259.2	1258.3	1258.1	1257.9
162.5°	1275.0	1277.0	1278.9	1279.9	1279.2	1277.9	1276.6	1275.3	1274.0	1273.8	1273.6
165°	1289.3	1291.0	1292.7	1293.6	1292.9	1291.6	1290.3	1289.0	1287.7	1287.5	1287.3
167.5°	1300.5	1302.5	1304.4	1305.4	1304.6	1303.1	1301.6	1300.0	1298.5	1298.3	1298.1
170°	1309.3	1311.3	1313.2	1314.2	1313.3	1311.6	1309.9	1308.1	1306.4	1306.2	1306.0
172.5°	1315.2	1317.2	1319.1	1320.1	1319.3	1317.8	1316.3	1314.7	1313.2	1312.8	1312.4
175°	1320.1	1322.1	1324.0	1325.0	1324.1	1322.4	1320.6	1318.9	1317.1	1316.9	1316.7
177.5°	1322.6	1324.3	1326.0	1326.9	1326.1	1324.6	1323.1	1321.6	1320.1	1319.9	1319.7
180°	1322.0	1322.0	1322.0	1322.0	1322.0	1322.0	1322.0	1322.0	1322.0	1322.0	1322.0

TEST NUMBER: P1027104

CATALOG NUMBER: S125RDIP-B1270D1090UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
0°	1886.7	1886.7	1886.7	1886.7	1886.7	1886.7	1886.7	1886.7	1886.7	1886.7	1886.7
2.5°	1936.2	1927.0	1920.8	1919.2	1909.9	1902.2	1892.9	1891.3	1886.7	1874.3	1866.5
5°	1996.7	1975.0	1970.3	1956.4	1933.2	1916.1	1894.4	1882.0	1868.1	1844.9	1826.3
7.5°	2058.6	2029.2	2007.5	1987.4	1954.8	1923.9	1892.9	1868.1	1843.3	1809.2	1781.3
10°	2119.0	2074.1	2047.8	2018.3	1973.4	1927.0	1883.6	1848.0	1807.7	1767.4	1727.1
12.5°	2174.8	2117.5	2078.8	2036.9	1981.2	1923.9	1868.1	1818.5	1776.7	1722.5	1677.6
15°	2208.9	2145.4	2106.6	2066.4	1982.7	1919.2	1854.2	1790.6	1734.9	1677.6	1635.7
17.5°	2229.0	2157.8	2114.4	2077.2	1992.0	1905.3	1821.6	1753.5	1693.1	1624.9	1569.1
20°	2219.7	2150.0	2109.7	2074.1	1975.0	1888.2	1798.4	1719.4	1643.5	1573.8	1514.9
22.5°	2199.6	2126.8	2081.9	2049.3	1961.0	1858.8	1759.7	1674.5	1595.5	1525.8	1459.2
25°	2156.2	2085.0	2046.2	2006.0	1919.2	1821.6	1720.9	1629.5	1545.9	1471.5	1397.2
27.5°	2117.5	2030.7	1990.5	1954.8	1863.4	1776.7	1677.6	1576.9	1491.7	1414.2	1339.9
30°	2072.6	1975.0	1931.6	1883.6	1801.5	1719.4	1620.3	1527.3	1439.0	1356.9	1285.7
32.5°	2024.5	1911.5	1861.9	1807.7	1724.0	1646.6	1562.9	1471.5	1383.3	1302.7	1228.4
35°	1962.6	1841.8	1784.4	1733.3	1646.6	1569.1	1491.7	1415.8	1327.5	1242.3	1171.0
37.5°	1903.7	1770.5	1710.1	1651.2	1559.8	1485.5	1422.0	1350.7	1265.5	1183.4	1115.3
40°	1837.1	1683.8	1621.8	1567.6	1473.1	1391.0	1333.7	1277.9	1203.6	1124.6	1050.2
42.5°	1776.7	1603.2	1538.2	1482.4	1383.3	1305.8	1251.6	1205.1	1140.1	1067.3	991.4
45°	1693.1	1516.5	1449.9	1391.0	1290.3	1217.5	1161.7	1121.5	1070.4	1002.2	934.0
47.5°	1615.6	1432.8	1360.0	1288.8	1197.4	1123.0	1071.9	1040.9	1006.8	946.4	876.7
50°	1521.1	1336.8	1262.4	1203.6	1099.8	1036.3	985.2	963.5	932.5	875.2	819.4
52.5°	1418.9	1243.8	1174.1	1102.9	1006.8	944.9	900.0	875.2	850.4	808.6	755.9
55°	1299.6	1140.1	1075.0	1011.5	915.5	858.1	817.9	791.5	777.6	738.9	700.1
57.5°	1185.0	1034.7	974.3	915.5	831.8	766.8	740.4	717.2	697.0	669.2	636.6
60°	1068.8	932.5	867.4	814.8	742.0	683.1	661.4	638.2	622.7	601.0	577.8
62.5°	935.6	819.4	769.9	720.3	658.3	611.9	587.1	568.5	548.3	534.4	514.3
65°	794.6	712.5	664.5	627.3	568.5	526.7	508.1	495.7	478.6	464.7	449.2
67.5°	663.0	597.9	577.8	537.5	492.6	455.4	441.5	426.0	412.0	404.3	390.3
70°	536.0	489.5	469.3	458.5	408.9	384.2	371.8	365.6	348.5	340.8	331.5
72.5°	415.1	398.1	384.2	370.2	337.7	322.2	308.3	302.1	289.7	283.5	280.4
75°	306.7	295.9	288.1	286.6	272.6	257.1	243.2	240.1	230.8	224.6	221.5
77.5°	215.3	212.2	210.7	212.2	202.9	193.6	190.5	187.4	176.6	175.0	175.0
80°	141.0	148.7	148.7	147.2	144.1	142.5	137.9	134.8	128.6	127.0	128.6
82.5°	86.7	91.4	92.9	96.0	94.5	92.9	89.8	88.3	89.8	86.7	88.3
85°	43.4	46.5	52.7	52.7	54.2	54.2	54.2	52.7	49.6	51.1	49.6
87.5°	17.0	18.6	18.6	18.6	17.0	21.7	23.2	23.2	23.2	20.1	20.1
90°	11.1	9.6	8.8	7.9	6.2	4.5	2.7	1.0	2.7	4.5	6.2
92.5°	11.8	10.5	9.8	10.8	12.7	14.7	16.6	18.6	16.6	14.7	12.7
95°	40.5	48.8	52.9	53.2	53.9	54.6	55.2	55.9	55.2	54.6	53.9
97.5°	79.7	100.4	110.7	110.1	108.8	107.5	106.2	104.9	106.2	107.5	108.8
100°	167.9	167.0	166.6	166.3	165.6	165.0	164.3	163.7	164.3	165.0	165.6
102.5°	228.0	227.6	227.4	227.0	226.1	225.2	224.3	223.4	224.3	225.2	226.1
105°	292.0	292.0	292.0	291.6	290.7	289.8	289.0	288.1	289.0	289.8	290.7
107.5°	355.4	355.0	354.8	354.8	354.8	354.8	354.8	354.8	354.8	354.8	354.8
110°	420.1	419.6	419.4	419.4	419.4	419.4	419.4	419.4	419.4	419.4	419.4

TEST NUMBER: P1027104

CATALOG NUMBER: S125RDIP-B1270D1090UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
112.5°	483.4	483.2	483.1	482.8	482.1	481.5	480.8	480.2	480.8	481.5	482.1
115°	546.2	546.0	545.9	545.4	544.3	543.2	542.1	541.0	542.1	543.2	544.3
117.5°	606.0	605.1	604.7	604.7	604.7	604.7	604.7	604.7	604.7	604.7	604.7
120°	663.5	662.8	662.5	662.6	662.8	663.1	663.3	663.5	663.3	663.1	662.8
122.5°	720.6	720.4	720.3	719.8	718.7	717.6	716.5	715.4	716.5	717.6	718.7
125°	776.2	776.2	776.2	775.4	773.9	772.4	770.8	769.3	770.8	772.4	773.9
127.5°	825.9	826.1	826.2	825.7	824.6	823.5	822.4	821.3	822.4	823.5	824.6
130°	873.5	873.3	873.2	872.7	871.6	870.5	869.4	868.3	869.4	870.5	871.6
132.5°	920.2	920.9	921.2	920.5	919.2	917.9	916.6	915.3	916.6	917.9	919.2
135°	964.7	965.1	965.3	964.6	963.3	962.0	960.7	959.4	960.7	962.0	963.3
137.5°	1005.8	1006.3	1006.5	1005.8	1004.5	1003.2	1001.9	1000.6	1001.9	1003.2	1004.5
140°	1042.4	1042.6	1042.7	1042.5	1042.1	1041.6	1041.2	1040.8	1041.2	1041.6	1042.1
142.5°	1078.7	1078.2	1078.0	1077.9	1077.7	1077.4	1077.2	1077.0	1077.2	1077.4	1077.7
145°	1114.3	1114.3	1114.3	1114.1	1113.6	1113.2	1112.7	1112.3	1112.7	1113.2	1113.6
147.5°	1144.0	1143.8	1143.7	1143.7	1143.7	1143.7	1143.7	1143.7	1143.7	1143.7	1143.7
150°	1171.8	1171.3	1171.1	1171.3	1171.8	1172.2	1172.7	1173.1	1172.7	1172.2	1171.8
152.5°	1197.3	1196.8	1196.6	1197.1	1198.2	1199.3	1200.4	1201.5	1200.4	1199.3	1198.2
155°	1219.8	1219.3	1219.1	1219.8	1221.1	1222.4	1223.7	1225.0	1223.7	1222.4	1221.1
157.5°	1240.7	1240.7	1240.7	1241.0	1241.7	1242.3	1243.0	1243.6	1243.0	1242.3	1241.7
160°	1257.7	1257.5	1257.4	1258.0	1259.3	1260.6	1261.9	1263.2	1261.9	1260.6	1259.3
162.5°	1273.3	1273.1	1273.0	1273.7	1275.0	1276.3	1277.6	1278.9	1277.6	1276.3	1275.0
165°	1287.1	1286.9	1286.8	1287.4	1288.7	1290.0	1291.3	1292.6	1291.3	1290.0	1288.7
167.5°	1297.8	1297.6	1297.5	1298.2	1299.5	1300.8	1302.1	1303.4	1302.1	1300.8	1299.5
170°	1305.7	1305.5	1305.4	1306.2	1307.7	1309.2	1310.7	1312.2	1310.7	1309.2	1307.7
172.5°	1311.9	1311.5	1311.3	1312.1	1313.6	1315.1	1316.6	1318.1	1316.6	1315.1	1313.6
175°	1316.5	1316.3	1316.2	1316.8	1318.1	1319.4	1320.7	1322.0	1320.7	1319.4	1318.1
177.5°	1319.4	1319.2	1319.1	1319.8	1321.1	1322.4	1323.7	1325.0	1323.7	1322.4	1321.1
180°	1322.0	1322.0	1322.0	1322.0	1322.0	1322.0	1322.0	1322.0	1322.0	1322.0	1322.0

TEST NUMBER: P1027104

CATALOG NUMBER: S125RDIP-B1270D1090UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
0°	1886.7	1886.7	1886.7	1886.7	1886.7	1886.7	1886.7	1886.7	1886.7	1886.7	1886.7
2.5°	1861.9	1855.7	1851.1	1846.4	1826.3	1804.6	1801.5	1796.8	1787.5	1798.4	1793.7
5°	1813.9	1799.9	1792.2	1772.1	1747.3	1728.7	1713.2	1694.6	1686.9	1680.7	1679.1
7.5°	1755.0	1742.6	1728.7	1708.5	1677.6	1646.6	1623.4	1604.8	1589.3	1581.5	1581.5
10°	1697.7	1682.2	1663.6	1629.5	1600.1	1561.4	1536.6	1518.0	1496.3	1483.9	1473.1
12.5°	1638.8	1621.8	1604.8	1561.4	1527.3	1487.0	1451.4	1428.2	1417.3	1403.4	1384.8
15°	1580.0	1553.6	1536.6	1493.2	1449.9	1409.6	1386.4	1361.6	1336.8	1322.8	1316.6
17.5°	1518.0	1499.4	1471.5	1425.1	1377.1	1341.4	1307.4	1284.1	1254.7	1240.7	1226.8
20°	1462.3	1434.4	1406.5	1360.0	1313.6	1265.5	1231.5	1203.6	1185.0	1174.1	1161.7
22.5°	1395.6	1369.3	1346.1	1296.5	1245.4	1200.5	1163.3	1146.3	1127.7	1110.6	1098.2
25°	1338.3	1312.0	1288.8	1234.6	1178.8	1137.0	1109.1	1087.4	1067.3	1059.5	1047.1
27.5°	1277.9	1253.1	1222.2	1167.9	1118.4	1082.7	1053.3	1033.2	1017.7	1002.2	992.9
30°	1220.6	1192.7	1164.8	1106.0	1065.7	1030.1	1002.2	977.4	965.0	957.3	941.8
32.5°	1164.8	1129.2	1106.0	1051.8	1013.0	979.0	955.7	934.0	918.6	904.6	892.2
35°	1104.4	1065.7	1042.5	997.6	957.3	923.2	903.1	887.6	869.0	856.6	850.4
37.5°	1047.1	1014.6	991.4	944.9	904.6	876.7	855.0	834.9	827.2	810.1	807.0
40°	985.2	957.3	935.6	890.7	853.5	831.8	808.6	790.0	776.0	768.3	757.5
42.5°	929.4	906.2	882.9	841.1	805.5	779.1	762.1	745.1	732.7	720.3	712.5
45°	878.3	853.5	831.8	791.5	755.9	732.7	715.6	695.5	692.4	675.4	667.6
47.5°	824.1	802.4	783.8	742.0	709.4	686.2	666.1	652.1	638.2	632.0	621.1
50°	771.4	749.7	728.0	690.9	661.4	638.2	618.1	602.6	594.8	585.5	576.2
52.5°	714.1	697.0	680.0	641.3	611.9	591.7	574.7	554.5	546.8	539.1	532.9
55°	666.1	641.3	622.7	590.2	563.8	542.1	523.6	508.1	500.3	494.1	486.4
57.5°	601.0	585.5	570.0	540.6	515.8	494.1	475.5	463.2	453.9	449.2	450.8
60°	545.2	528.2	518.9	487.9	463.2	446.1	429.1	416.7	407.4	402.7	401.2
62.5°	486.4	474.0	457.0	435.3	410.5	395.0	382.6	373.3	357.8	356.3	351.6
65°	429.1	419.8	404.3	384.2	364.0	350.1	336.1	323.7	317.5	309.8	305.2
67.5°	373.3	364.0	350.1	333.0	319.1	305.2	292.8	280.4	269.5	263.3	260.2
70°	319.1	311.3	302.1	281.9	264.9	254.0	244.7	237.0	226.2	223.1	221.5
72.5°	266.4	258.7	254.0	237.0	221.5	212.2	202.9	195.2	190.5	189.0	184.3
75°	218.4	210.7	204.5	189.0	179.7	173.5	164.2	161.1	156.4	154.9	153.4
77.5°	170.4	162.6	161.1	150.3	139.4	136.3	133.2	127.0	127.0	127.0	123.9
80°	122.4	120.8	119.3	108.4	103.8	100.7	99.1	94.5	91.4	88.3	86.7
82.5°	82.1	80.5	79.0	74.4	69.7	68.2	66.6	63.5	63.5	65.1	62.0
85°	49.6	46.5	44.9	43.4	40.3	40.3	41.8	40.3	40.3	40.3	38.7
87.5°	18.6	18.6	18.6	18.6	20.1	17.0	18.6	18.6	17.0	17.0	15.5
90°	7.9	8.8	9.6	11.1	12.6	14.2	15.7	16.8	17.9	19.0	20.1
92.5°	10.8	9.8	10.5	11.8	13.1	14.4	15.7	16.8	17.9	19.0	20.1
95°	53.2	52.9	48.8	40.5	32.2	24.0	15.7	16.8	17.9	19.0	20.1
97.5°	110.1	110.7	100.4	79.7	59.0	38.3	17.6	18.0	18.5	18.9	19.4
100°	166.3	166.6	167.0	167.9	168.8	169.6	170.5	138.1	105.6	73.2	40.7
102.5°	227.0	227.4	227.6	228.0	228.5	228.9	229.3	229.7	230.2	230.6	231.1
105°	291.6	292.0	292.0	292.0	292.0	292.0	292.0	292.0	292.0	292.0	292.0
107.5°	354.8	354.8	355.0	355.4	355.9	356.3	356.7	356.9	357.1	357.4	357.6
110°	419.4	419.4	419.6	420.1	420.5	421.0	421.4	420.8	420.1	419.5	418.8

TEST NUMBER: P1027104

CATALOG NUMBER: S125RDIP-B1270D1090UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
112.5°	482.8	483.1	483.2	483.4	483.7	483.9	484.1	483.2	482.4	481.5	480.6
115°	545.4	545.9	546.0	546.2	546.4	546.6	546.8	545.9	545.1	544.2	543.3
117.5°	604.7	604.7	605.1	606.0	606.9	607.7	608.6	607.3	606.0	604.7	603.4
120°	662.6	662.5	662.8	663.5	664.1	664.8	665.4	665.0	664.6	664.1	663.7
122.5°	719.8	720.3	720.4	720.6	720.9	721.1	721.3	720.9	720.4	720.0	719.5
125°	775.4	776.2	776.2	776.2	776.2	776.2	776.2	775.3	774.5	773.6	772.7
127.5°	825.7	826.2	826.1	825.9	825.6	825.4	825.2	824.8	824.3	823.9	823.4
130°	872.7	873.2	873.3	873.5	873.8	874.0	874.2	873.5	872.9	872.2	871.5
132.5°	920.5	921.2	920.9	920.2	919.6	918.9	918.3	918.3	918.3	918.3	918.3
135°	964.6	965.3	965.1	964.7	964.2	963.8	963.4	963.0	962.5	962.1	961.6
137.5°	1005.8	1006.5	1006.3	1005.8	1005.4	1004.9	1004.5	1004.5	1004.5	1004.5	1004.5
140°	1042.5	1042.7	1042.6	1042.4	1042.2	1042.0	1041.8	1042.2	1042.6	1043.1	1043.5
142.5°	1077.9	1078.0	1078.2	1078.7	1079.1	1079.6	1080.0	1080.0	1080.0	1080.0	1080.0
145°	1114.1	1114.3	1114.3	1114.3	1114.3	1114.3	1114.3	1114.5	1114.7	1115.0	1115.2
147.5°	1143.7	1143.7	1143.8	1144.0	1144.3	1144.5	1144.7	1144.9	1145.1	1145.3	1145.5
150°	1171.3	1171.1	1171.3	1171.8	1172.2	1172.7	1173.1	1173.5	1173.9	1174.4	1174.8
152.5°	1197.1	1196.6	1196.8	1197.3	1197.7	1198.2	1198.6	1199.0	1199.4	1199.9	1200.3
155°	1219.8	1219.1	1219.3	1219.8	1220.2	1220.7	1221.1	1221.7	1222.4	1223.0	1223.7
157.5°	1241.0	1240.7	1240.7	1240.7	1240.7	1240.7	1240.7	1241.3	1242.0	1242.6	1243.3
160°	1258.0	1257.4	1257.5	1257.7	1257.9	1258.1	1258.3	1259.2	1260.1	1261.0	1261.9
162.5°	1273.7	1273.0	1273.1	1273.3	1273.6	1273.8	1274.0	1275.3	1276.6	1277.9	1279.2
165°	1287.4	1286.8	1286.9	1287.1	1287.3	1287.5	1287.7	1289.0	1290.3	1291.6	1292.9
167.5°	1298.2	1297.5	1297.6	1297.8	1298.1	1298.3	1298.5	1300.0	1301.6	1303.1	1304.6
170°	1306.2	1305.4	1305.5	1305.7	1306.0	1306.2	1306.4	1308.1	1309.9	1311.6	1313.3
172.5°	1312.1	1311.3	1311.5	1311.9	1312.4	1312.8	1313.2	1314.7	1316.3	1317.8	1319.3
175°	1316.8	1316.2	1316.3	1316.5	1316.7	1316.9	1317.1	1318.9	1320.6	1322.4	1324.1
177.5°	1319.8	1319.1	1319.2	1319.4	1319.7	1319.9	1320.1	1321.6	1323.1	1324.6	1326.1
180°	1322.0	1322.0	1322.0	1322.0	1322.0	1322.0	1322.0	1322.0	1322.0	1322.0	1322.0

TEST NUMBER: P1027104

CATALOG NUMBER: S125RDIP-B1270D1090UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
0°	1886.7	1886.7	1886.7	1886.7	1886.7	1886.7	1886.7	1886.7	1886.7	1886.7	1886.7
2.5°	1786.0	1789.1	1781.3	1778.3	1772.1	1779.8	1781.3	1779.8	1793.7	1787.5	1790.6
5°	1682.2	1676.0	1671.4	1660.5	1660.5	1662.1	1666.7	1659.0	1663.6	1674.5	1672.9
7.5°	1567.6	1564.5	1566.0	1553.6	1544.4	1547.4	1544.4	1558.3	1566.0	1562.9	1569.1
10°	1463.8	1470.0	1456.1	1449.9	1443.7	1449.9	1448.3	1451.4	1460.7	1466.9	1477.7
12.5°	1380.2	1378.6	1370.9	1364.7	1353.8	1356.9	1366.2	1363.1	1364.7	1378.6	1377.1
15°	1301.2	1291.9	1285.7	1271.7	1274.8	1264.0	1273.3	1284.1	1288.8	1301.2	1308.9
17.5°	1222.2	1220.6	1212.9	1211.3	1194.3	1189.6	1198.9	1202.0	1206.7	1212.9	1223.7
20°	1155.6	1154.0	1143.2	1140.1	1126.1	1135.4	1132.3	1138.5	1141.6	1154.0	1158.7
22.5°	1095.1	1087.4	1084.3	1079.7	1075.0	1073.5	1079.7	1078.1	1088.9	1093.6	1095.1
25°	1039.4	1033.2	1031.6	1023.9	1020.8	1016.1	1020.8	1025.4	1037.8	1042.5	1048.7
27.5°	988.3	983.6	980.5	974.3	969.7	969.7	972.8	979.0	983.6	986.7	989.8
30°	941.8	938.7	929.4	926.3	921.7	921.7	921.7	924.8	932.5	941.8	946.4
32.5°	893.8	887.6	881.4	881.4	876.7	876.7	878.3	881.4	889.1	890.7	898.4
35°	847.3	841.1	836.5	833.4	834.9	828.7	831.8	836.5	845.8	848.9	853.5
37.5°	802.4	800.8	791.5	786.9	790.0	790.0	788.4	791.5	797.7	803.9	807.0
40°	752.8	749.7	749.7	745.1	746.6	740.4	745.1	748.2	751.3	757.5	762.1
42.5°	709.4	706.3	700.1	701.7	697.0	697.0	700.1	701.7	706.3	714.1	717.2
45°	663.0	663.0	659.9	655.2	656.8	652.1	655.2	656.8	663.0	670.7	667.6
47.5°	618.1	616.5	616.5	610.3	613.4	608.8	613.4	615.0	618.1	622.7	621.1
50°	574.7	570.0	571.6	570.0	568.5	568.5	571.6	571.6	574.7	574.7	579.3
52.5°	529.8	529.8	526.7	528.2	531.3	528.2	532.9	528.2	531.3	532.9	536.0
55°	489.5	486.4	487.9	486.4	492.6	487.9	492.6	489.5	492.6	491.0	494.1
57.5°	446.1	441.5	443.0	441.5	446.1	444.6	449.2	444.6	446.1	447.7	452.3
60°	396.5	396.5	396.5	393.4	398.1	398.1	396.5	396.5	402.7	405.8	404.3
62.5°	350.1	348.5	343.9	342.3	343.9	340.8	347.0	345.4	348.5	351.6	354.7
65°	299.0	295.9	294.3	291.2	291.2	289.7	291.2	297.4	299.0	300.5	308.3
67.5°	257.1	255.6	254.0	249.4	249.4	252.5	252.5	252.5	261.8	257.1	263.3
70°	220.0	216.9	213.8	212.2	212.2	213.8	215.3	216.9	215.3	221.5	223.1
72.5°	184.3	185.9	182.8	182.8	182.8	181.2	181.2	184.3	185.9	184.3	185.9
75°	153.4	153.4	151.8	153.4	153.4	151.8	151.8	154.9	154.9	153.4	158.0
77.5°	123.9	122.4	119.3	116.2	117.7	116.2	117.7	116.2	120.8	125.5	122.4
80°	86.7	85.2	85.2	85.2	86.7	85.2	88.3	85.2	86.7	86.7	88.3
82.5°	62.0	63.5	63.5	62.0	63.5	62.0	63.5	63.5	63.5	62.0	63.5
85°	40.3	40.3	40.3	40.3	38.7	40.3	40.3	40.3	41.8	40.3	41.8
87.5°	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	18.6	17.0	18.6
90°	20.6	20.9	21.6	22.2	22.9	23.5	22.9	22.2	21.6	20.9	20.6
92.5°	20.6	20.7	20.9	21.2	21.4	21.6	21.4	21.2	20.9	20.7	20.6
95°	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6
97.5°	19.6	19.7	19.9	20.2	20.4	20.6	20.4	20.2	19.9	19.7	19.6
100°	24.5	24.1	23.2	22.3	21.5	20.6	21.5	22.3	23.2	24.1	24.5
102.5°	231.3	222.2	203.9	185.6	167.3	149.0	167.3	185.6	203.9	222.2	231.3
105°	292.0	291.9	291.7	291.5	291.3	291.1	291.3	291.5	291.7	291.9	292.0
107.5°	357.7	357.3	356.4	355.5	354.7	353.8	354.7	355.5	356.4	357.3	357.7
110°	418.5	418.6	418.8	419.0	419.2	419.4	419.2	419.0	418.8	418.6	418.5

TEST NUMBER: P1027104

CATALOG NUMBER: S125RDIP-B1270D1090UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
112.5°	480.2	480.0	479.5	479.1	478.6	478.2	478.6	479.1	479.5	480.0	480.2
115°	542.9	542.2	540.9	539.6	538.3	537.0	538.3	539.6	540.9	542.2	542.9
117.5°	602.7	602.5	602.1	601.6	601.2	600.8	601.2	601.6	602.1	602.5	602.7
120°	663.5	663.0	661.9	660.8	659.7	658.6	659.7	660.8	661.9	663.0	663.5
122.5°	719.3	718.7	717.4	716.1	714.8	713.5	714.8	716.1	717.4	718.7	719.3
125°	772.3	772.0	771.3	770.6	770.0	769.3	770.0	770.6	771.3	772.0	772.3
127.5°	823.2	822.3	820.6	818.9	817.1	815.4	817.1	818.9	820.6	822.3	823.2
130°	871.2	870.7	869.6	868.5	867.4	866.3	867.4	868.5	869.6	870.7	871.2
132.5°	918.3	917.8	916.7	915.6	914.5	913.4	914.5	915.6	916.7	917.8	918.3
135°	961.4	960.7	959.4	958.1	956.8	955.5	956.8	958.1	959.4	960.7	961.4
137.5°	1004.5	1004.0	1002.9	1001.8	1000.7	999.6	1000.7	1001.8	1002.9	1004.0	1004.5
140°	1043.7	1043.0	1041.7	1040.4	1039.1	1037.8	1039.1	1040.4	1041.7	1043.0	1043.7
142.5°	1080.0	1079.3	1078.0	1076.7	1075.4	1074.1	1075.4	1076.7	1078.0	1079.3	1080.0
145°	1115.3	1114.6	1113.3	1112.0	1110.7	1109.4	1110.7	1112.0	1113.3	1114.6	1115.3
147.5°	1145.6	1144.8	1143.3	1141.8	1140.3	1138.8	1140.3	1141.8	1143.3	1144.8	1145.6
150°	1175.0	1174.1	1172.4	1170.7	1168.9	1167.2	1168.9	1170.7	1172.4	1174.1	1175.0
152.5°	1200.5	1199.7	1198.2	1196.7	1195.2	1193.7	1195.2	1196.7	1198.2	1199.7	1200.5
155°	1224.0	1223.1	1221.4	1219.7	1217.9	1216.2	1217.9	1219.7	1221.4	1223.1	1224.0
157.5°	1243.6	1242.7	1241.0	1239.3	1237.5	1235.8	1237.5	1239.3	1241.0	1242.7	1243.6
160°	1262.3	1261.4	1259.7	1257.9	1256.2	1254.4	1256.2	1257.9	1259.7	1261.4	1262.3
162.5°	1279.9	1278.9	1277.0	1275.0	1273.1	1271.1	1273.1	1275.0	1277.0	1278.9	1279.9
165°	1293.6	1292.7	1291.0	1289.3	1287.5	1285.8	1287.5	1289.3	1291.0	1292.7	1293.6
167.5°	1305.4	1304.4	1302.5	1300.5	1298.6	1296.6	1298.6	1300.5	1302.5	1304.4	1305.4
170°	1314.2	1313.2	1311.3	1309.3	1307.4	1305.4	1307.4	1309.3	1311.3	1313.2	1314.2
172.5°	1320.1	1319.1	1317.2	1315.2	1313.3	1311.3	1313.3	1315.2	1317.2	1319.1	1320.1
175°	1325.0	1324.0	1322.1	1320.1	1318.2	1316.2	1318.2	1320.1	1322.1	1324.0	1325.0
177.5°	1326.9	1326.0	1324.3	1322.6	1320.8	1319.1	1320.8	1322.6	1324.3	1326.0	1326.9
180°	1322.0	1322.0	1322.0	1322.0	1322.0	1322.0	1322.0	1322.0	1322.0	1322.0	1322.0

TEST NUMBER: P1027104

CATALOG NUMBER: S125RDIP-B1270D1090UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
0°	1886.7	1886.7	1886.7	1886.7	1886.7	1886.7	1886.7	1886.7	1886.7	1886.7	1886.7
2.5°	1784.4	1792.2	1786.0	1781.3	1793.7	1799.9	1799.9	1810.8	1821.6	1830.9	1832.5
5°	1674.5	1686.9	1690.0	1688.4	1707.0	1716.3	1736.4	1747.3	1762.8	1773.6	1786.0
7.5°	1573.8	1590.8	1592.4	1595.5	1623.4	1638.8	1655.9	1683.8	1705.4	1720.9	1734.9
10°	1473.1	1483.9	1494.8	1508.7	1536.6	1562.9	1587.7	1617.2	1645.0	1660.5	1680.7
12.5°	1397.2	1404.9	1417.3	1426.6	1456.1	1479.3	1511.8	1552.1	1592.4	1604.8	1629.5
15°	1318.2	1322.8	1347.6	1356.9	1381.7	1420.4	1440.6	1479.3	1522.7	1545.9	1573.8
17.5°	1226.8	1254.7	1270.2	1281.0	1312.0	1343.0	1375.5	1415.8	1471.5	1493.2	1513.4
20°	1161.7	1181.9	1198.9	1212.9	1240.7	1287.2	1316.6	1349.2	1401.8	1426.6	1456.1
22.5°	1104.4	1121.5	1137.0	1152.5	1171.0	1212.9	1246.9	1291.9	1344.5	1367.8	1401.8
25°	1050.2	1067.3	1076.6	1095.1	1119.9	1149.4	1189.6	1229.9	1282.6	1308.9	1341.4
27.5°	997.6	1014.6	1031.6	1047.1	1064.2	1092.0	1119.9	1171.0	1225.3	1256.2	1284.1
30°	952.6	960.4	975.9	992.9	1009.9	1036.3	1068.8	1104.4	1166.4	1194.3	1228.4
32.5°	903.1	917.0	927.9	940.2	961.9	983.6	1013.0	1058.0	1107.5	1133.9	1171.0
35°	856.6	869.0	876.7	898.4	912.4	935.6	965.0	1005.3	1047.1	1076.6	1109.1
37.5°	811.7	824.1	833.4	845.8	864.3	884.5	915.5	944.9	994.5	1019.2	1056.4
40°	765.2	776.0	786.9	800.8	817.9	842.7	861.2	898.4	938.7	966.6	994.5
42.5°	720.3	726.5	738.9	754.4	771.4	793.1	819.4	848.9	889.1	913.9	938.7
45°	672.3	683.1	697.0	707.9	723.4	745.1	768.3	794.6	834.9	859.7	886.0
47.5°	627.3	635.1	644.4	661.4	681.6	697.0	721.8	746.6	783.8	807.0	831.8
50°	580.9	588.6	602.6	613.4	628.9	649.0	672.3	698.6	734.2	749.7	774.5
52.5°	537.5	540.6	554.5	565.4	580.9	604.1	622.7	645.9	680.0	697.0	721.8
55°	494.1	497.2	505.0	515.8	532.9	551.4	571.6	597.9	627.3	642.8	666.1
57.5°	449.2	452.3	460.1	467.8	484.8	501.9	525.1	546.8	576.2	590.2	611.9
60°	404.3	404.3	412.0	422.9	435.3	450.8	470.9	497.2	518.9	536.0	551.4
62.5°	356.3	360.9	365.6	373.3	387.2	405.8	422.9	441.5	467.8	480.2	494.1
65°	308.3	312.9	322.2	329.9	340.8	353.2	374.9	390.3	410.5	424.4	436.8
67.5°	266.4	271.1	277.3	286.6	294.3	308.3	323.7	339.2	360.9	370.2	379.5
70°	223.1	227.7	232.3	244.7	252.5	263.3	274.2	289.7	308.3	314.4	322.2
72.5°	189.0	190.5	196.7	199.8	210.7	220.0	232.3	241.6	255.6	263.3	269.5
75°	159.5	159.5	161.1	164.2	170.4	176.6	185.9	195.2	207.6	212.2	220.0
77.5°	125.5	130.1	128.6	131.7	134.8	137.9	145.6	151.8	164.2	167.3	170.4
80°	89.8	91.4	96.0	100.7	100.7	105.3	110.0	111.5	119.3	123.9	123.9
82.5°	65.1	66.6	65.1	66.6	68.2	69.7	74.4	80.5	80.5	82.1	85.2
85°	40.3	40.3	41.8	43.4	43.4	41.8	44.9	43.4	44.9	48.0	48.0
87.5°	20.1	18.6	18.6	18.6	18.6	18.6	20.1	18.6	20.1	20.1	20.1
90°	20.1	19.0	17.9	16.8	15.7	14.2	12.6	11.1	9.6	8.8	7.9
92.5°	20.1	19.0	17.9	16.8	15.7	14.4	13.1	11.8	10.5	9.8	10.8
95°	20.1	19.0	17.9	16.8	15.7	24.0	32.2	40.5	48.8	52.9	53.2
97.5°	19.4	18.9	18.5	18.0	17.6	38.3	59.0	79.7	100.4	110.7	110.1
100°	40.7	73.2	105.6	138.1	170.5	169.6	168.8	167.9	167.0	166.6	166.3
102.5°	231.1	230.6	230.2	229.7	229.3	228.9	228.5	228.0	227.6	227.4	227.0
105°	292.0	292.0	292.0	292.0	292.0	292.0	292.0	292.0	292.0	292.0	291.6
107.5°	357.6	357.4	357.1	356.9	356.7	356.3	355.9	355.4	355.0	354.8	354.8
110°	418.8	419.5	420.1	420.8	421.4	421.0	420.5	420.1	419.6	419.4	419.4

TEST NUMBER: P1027104

CATALOG NUMBER: S125RDIP-B1270D1090UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
112.5°	480.6	481.5	482.4	483.2	484.1	483.9	483.7	483.4	483.2	483.1	482.8
115°	543.3	544.2	545.1	545.9	546.8	546.6	546.4	546.2	546.0	545.9	545.4
117.5°	603.4	604.7	606.0	607.3	608.6	607.7	606.9	606.0	605.1	604.7	604.7
120°	663.7	664.1	664.6	665.0	665.4	664.8	664.1	663.5	662.8	662.5	662.6
122.5°	719.5	720.0	720.4	720.9	721.3	721.1	720.9	720.6	720.4	720.3	719.8
125°	772.7	773.6	774.5	775.3	776.2	776.2	776.2	776.2	776.2	776.2	775.4
127.5°	823.4	823.9	824.3	824.8	825.2	825.4	825.6	825.9	826.1	826.2	825.7
130°	871.5	872.2	872.9	873.5	874.2	874.0	873.8	873.5	873.3	873.2	872.7
132.5°	918.3	918.3	918.3	918.3	918.3	918.9	919.6	920.2	920.9	921.2	920.5
135°	961.6	962.1	962.5	963.0	963.4	963.8	964.2	964.7	965.1	965.3	964.6
137.5°	1004.5	1004.5	1004.5	1004.5	1004.5	1004.9	1005.4	1005.8	1006.3	1006.5	1005.8
140°	1043.5	1043.1	1042.6	1042.2	1041.8	1042.0	1042.2	1042.4	1042.6	1042.7	1042.5
142.5°	1080.0	1080.0	1080.0	1080.0	1080.0	1079.6	1079.1	1078.7	1078.2	1078.0	1077.9
145°	1115.2	1115.0	1114.7	1114.5	1114.3	1114.3	1114.3	1114.3	1114.3	1114.3	1114.1
147.5°	1145.5	1145.3	1145.1	1144.9	1144.7	1144.5	1144.3	1144.0	1143.8	1143.7	1143.7
150°	1174.8	1174.4	1173.9	1173.5	1173.1	1172.7	1172.2	1171.8	1171.3	1171.1	1171.3
152.5°	1200.3	1199.9	1199.4	1199.0	1198.6	1198.2	1197.7	1197.3	1196.8	1196.6	1197.1
155°	1223.7	1223.0	1222.4	1221.7	1221.1	1220.7	1220.2	1219.8	1219.3	1219.1	1219.8
157.5°	1243.3	1242.6	1242.0	1241.3	1240.7	1240.7	1240.7	1240.7	1240.7	1240.7	1241.0
160°	1261.9	1261.0	1260.1	1259.2	1258.3	1258.1	1257.9	1257.7	1257.5	1257.4	1258.0
162.5°	1279.2	1277.9	1276.6	1275.3	1274.0	1273.8	1273.6	1273.3	1273.1	1273.0	1273.7
165°	1292.9	1291.6	1290.3	1289.0	1287.7	1287.5	1287.3	1287.1	1286.9	1286.8	1287.4
167.5°	1304.6	1303.1	1301.6	1300.0	1298.5	1298.3	1298.1	1297.8	1297.6	1297.5	1298.2
170°	1313.3	1311.6	1309.9	1308.1	1306.4	1306.2	1306.0	1305.7	1305.5	1305.4	1306.2
172.5°	1319.3	1317.8	1316.3	1314.7	1313.2	1312.8	1312.4	1311.9	1311.5	1311.3	1312.1
175°	1324.1	1322.4	1320.6	1318.9	1317.1	1316.9	1316.7	1316.5	1316.3	1316.2	1316.8
177.5°	1326.1	1324.6	1323.1	1321.6	1320.1	1319.9	1319.7	1319.4	1319.2	1319.1	1319.8
180°	1322.0	1322.0	1322.0	1322.0	1322.0	1322.0	1322.0	1322.0	1322.0	1322.0	1322.0

TEST NUMBER: P1027104

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CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
0°	1886.7	1886.7	1886.7	1886.7
2.5°	1843.3	1857.2	1871.2	1888.2
5°	1806.1	1830.9	1857.2	1882.0
7.5°	1765.9	1801.5	1835.6	1871.2
10°	1720.9	1765.9	1804.6	1854.2
12.5°	1671.4	1719.4	1773.6	1829.4
15°	1621.8	1682.2	1739.5	1803.0
17.5°	1575.3	1632.6	1696.2	1772.1
20°	1519.6	1583.1	1654.3	1734.9
22.5°	1460.7	1530.4	1607.9	1694.6
25°	1411.1	1482.4	1556.7	1648.1
27.5°	1356.9	1431.3	1504.1	1601.7
30°	1295.0	1375.5	1449.9	1550.5
32.5°	1236.1	1316.6	1398.7	1493.2
35°	1178.8	1257.8	1339.9	1435.9
37.5°	1124.6	1195.8	1276.4	1363.1
40°	1073.5	1138.5	1209.8	1288.8
42.5°	1008.4	1084.3	1150.9	1208.2
45°	952.6	1014.6	1076.6	1123.0
47.5°	887.6	949.5	1002.2	1039.4
50°	833.4	882.9	926.3	958.8
52.5°	768.3	814.8	850.4	875.2
55°	704.8	745.1	776.0	793.1
57.5°	647.5	673.8	697.0	712.5
60°	584.0	604.1	624.2	641.3
62.5°	515.8	537.5	548.3	566.9
65°	455.4	469.3	486.4	492.6
67.5°	396.5	404.3	415.1	427.5
70°	334.6	339.2	350.1	367.1
72.5°	280.4	285.0	292.8	299.0
75°	223.1	227.7	233.9	240.1
77.5°	175.0	176.6	179.7	185.9
80°	127.0	131.7	134.8	136.3
82.5°	88.3	89.8	89.8	91.4
85°	55.8	52.7	52.7	54.2
87.5°	20.1	23.2	23.2	26.3
90°	6.2	4.5	2.7	1.0
92.5°	12.7	14.7	16.6	18.6
95°	53.9	54.6	55.2	55.9
97.5°	108.8	107.5	106.2	104.9
100°	165.6	165.0	164.3	163.7
102.5°	226.1	225.2	224.3	223.4
105°	290.7	289.8	289.0	288.1
107.5°	354.8	354.8	354.8	354.8
110°	419.4	419.4	419.4	419.4

TEST NUMBER: P1027104

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CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
112.5°	482.1	481.5	480.8	480.2
115°	544.3	543.2	542.1	541.0
117.5°	604.7	604.7	604.7	604.7
120°	662.8	663.1	663.3	663.5
122.5°	718.7	717.6	716.5	715.4
125°	773.9	772.4	770.8	769.3
127.5°	824.6	823.5	822.4	821.3
130°	871.6	870.5	869.4	868.3
132.5°	919.2	917.9	916.6	915.3
135°	963.3	962.0	960.7	959.4
137.5°	1004.5	1003.2	1001.9	1000.6
140°	1042.1	1041.6	1041.2	1040.8
142.5°	1077.7	1077.4	1077.2	1077.0
145°	1113.6	1113.2	1112.7	1112.3
147.5°	1143.7	1143.7	1143.7	1143.7
150°	1171.8	1172.2	1172.7	1173.1
152.5°	1198.2	1199.3	1200.4	1201.5
155°	1221.1	1222.4	1223.7	1225.0
157.5°	1241.7	1242.3	1243.0	1243.6
160°	1259.3	1260.6	1261.9	1263.2
162.5°	1275.0	1276.3	1277.6	1278.9
165°	1288.7	1290.0	1291.3	1292.6
167.5°	1299.5	1300.8	1302.1	1303.4
170°	1307.7	1309.2	1310.7	1312.2
172.5°	1313.6	1315.1	1316.6	1318.1
175°	1318.1	1319.4	1320.7	1322.0
177.5°	1321.1	1322.4	1323.7	1325.0
180°	1322.0	1322.0	1322.0	1322.0

(END OF REPORT)