

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: P1032893

Luminaire Tested: S124RDIW-B1195D1050UB2750-4F0-XX-W2A-A_5000K

Issue Date: 5/7/2025

Test Information

Test Method: LM-79-2019
Report Number: P1032893
REPORT IS A COMBINATION OF REPORTS P1000051 AND P1007351
Test Lab: INNOVATION CENTER
Issue Date: 5/7/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: NEO-RAY
Catalog Number: S124RDIW-B1195D1050UB2750-4F0-XX-W2A-A_5000K
Description: Define 4 Regressed Direct/Indirect Wall Mount with 5000K BioUP LEDs {m-DER=1.015}
{m-EER=1.115}
Light Source: -
Ballast/Driver: -

Summary

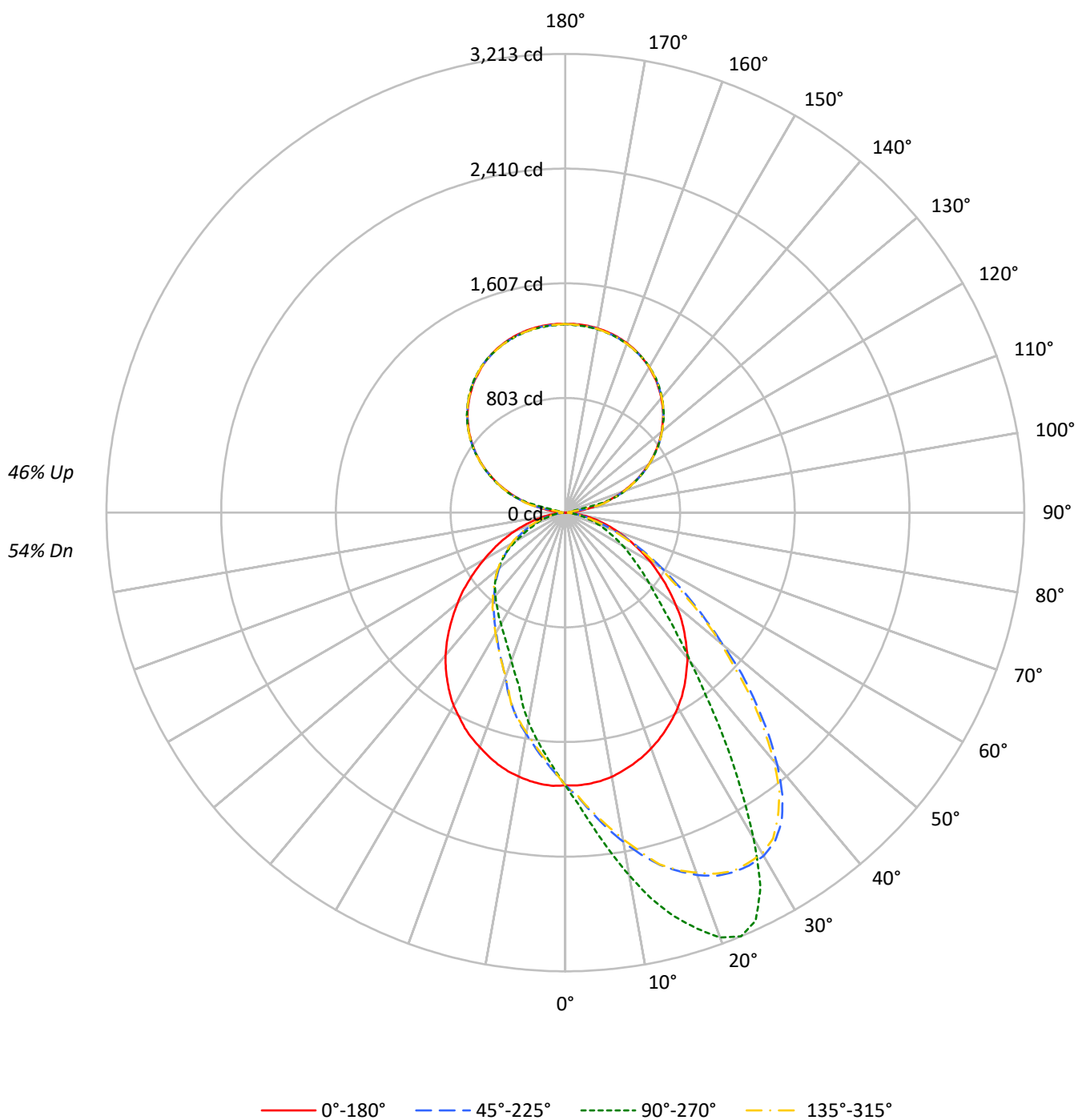
Lumens per Lamp: N/A
Luminaire Lumens: 8917.0 lumens
Efficiency: N/A
Efficacy: 96.1 lumens/watt
Spacing Criteria (0/90/45): 1.22 / 1.27 / 1.38
Luminous Opening: Rectangular w/ Sides (W: 0.33' x L: 4' x H: 0.1')
CIE Type: General Diffuse

Input Watts (W): 92.8
Input Voltage (V):
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT

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Luminous Intensity Polar Plot



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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20
RC	80				70				50				30				0
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	72	72	72	60	60	60
1	99	95	91	88	92	88	85	82	76	74	71	64	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	55	49	53	48	44	46	42	38	39	36	33
5	70	59	51	45	65	55	48	43	48	42	38	41	37	34	35	32	29
6	65	53	45	39	60	50	42	37	43	38	33	37	33	30	32	29	26
7	60	48	40	35	56	45	38	33	39	34	30	34	30	26	29	26	23
8	56	44	36	31	52	41	34	29	36	30	26	31	27	24	27	23	21
9	52	40	32	27	48	38	31	26	33	28	24	29	24	21	25	21	19
10	49	37	29	25	45	35	28	24	30	25	21	27	22	19	23	20	17

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	15571	15571	15571	15571
5°	15571	17595	15596	13448
10°	15488	20283	15476	11695
15°	15304	22827	15304	9791
20°	15111	24749	15031	8622
25°	14875	24855	14807	7787
30°	14625	21135	14511	7213
35°	14271	15947	14090	6786
40°	13877	11557	13604	6451
45°	13227	8783	12897	6155
50°	12453	7098	12112	5722
55°	11617	5878	11237	5145
60°	10775	4970	10295	4279
65°	9721	4049	9411	3401
70°	8754	3282	8342	2762
75°	7671	2366	7138	2024
80°	6330	1568	5758	1489
85°	4592	807	3806	807

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 35°

Vertical Angle: 45°

Luminance: 19493 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	184.9	2.1
10°-20°	558.4	6.3
20°-30°	874.6	9.8
30°-40°	971.3	10.9
40°-50°	860.7	9.7
50°-60°	670.7	7.5
60°-70°	438.7	4.9
70°-80°	215.3	2.4
80°-90°	55.1	0.6
90°-100°	43.8	0.5
100°-110°	288.8	3.2
110°-120°	551.4	6.2
120°-130°	700.0	7.8
130°-140°	748.8	8.4
140°-150°	700.2	7.9
150°-160°	564.7	6.3
160°-170°	364.2	4.1
170°-180°	125.5	1.4
0°-30°	1617.9	18.1
0°-40°	2589.2	29.0
0°-60°	4120.5	46.2
0°-90°	4829.7	54.2
90°-120°	884.0	9.9
90°-150°	3033.0	34.0
90°-180°	4087.0	45.8
0°-180°	8917.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1910	1910	1910	1910	1910	
5°	1906	2206	1910	1686	1906	181
15°	1825	2924	1825	1254	1825	515
25°	1672	3153	1665	988	1672	771
35°	1459	1942	1440	826	1459	912
45°	1176	992	1146	696	1176	907
55°	846	592	819	518	846	757
65°	531	346	514	291	531	529
75°	266	160	248	137	266	282
85°	63	38	52	38	63	71
90°	3	30	3	30	3	7
95°	54	29	54	29	54	67
105°	297	282	297	282	297	311
115°	555	559	555	559	555	546
125°	780	786	780	786	780	697
135°	968	975	968	975	968	746
145°	1116	1122	1116	1122	1116	698
155°	1224	1223	1224	1223	1224	564
165°	1291	1285	1291	1285	1291	365
175°	1321	1313	1321	1313	1321	126
180°	1321	1321	1321	1321	1321	

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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	1909.5	1909.5	1909.5	1909.5	1909.5	1909.5	1909.5	1909.5	1909.5	1909.5	1909.5
2.5°	1912.6	1929.5	1938.7	1946.4	1961.8	1968.0	1980.3	1983.4	1995.7	1994.1	1989.5
5°	1906.4	1935.7	1957.2	1980.3	2008.0	2023.4	2040.3	2064.9	2077.2	2094.1	2104.9
7.5°	1895.7	1935.7	1971.1	2006.4	2051.1	2075.7	2097.2	2135.7	2168.0	2195.7	2226.5
10°	1878.7	1929.5	1981.8	2029.5	2091.1	2120.3	2152.6	2209.5	2254.2	2292.6	2341.9
12.5°	1852.6	1923.4	1981.8	2046.4	2124.9	2164.9	2208.0	2275.7	2328.0	2391.1	2452.7
15°	1824.9	1903.3	1980.3	2064.9	2154.2	2200.3	2243.4	2334.2	2414.2	2486.5	2554.2
17.5°	1794.1	1880.3	1964.9	2058.8	2166.5	2223.4	2274.2	2383.4	2471.1	2565.0	2632.7
20°	1757.2	1851.0	1948.0	2052.6	2174.2	2237.2	2294.2	2418.8	2515.7	2617.3	2701.9
22.5°	1717.2	1818.7	1924.9	2038.8	2164.9	2234.2	2300.3	2434.2	2546.5	2640.4	2754.2
25°	1672.5	1780.3	1889.5	2009.5	2151.1	2226.5	2294.2	2426.5	2546.5	2669.6	2780.4
27.5°	1626.4	1737.2	1851.0	1977.2	2121.8	2195.7	2272.6	2400.3	2540.4	2674.2	2786.6
30°	1575.6	1683.3	1803.3	1923.4	2077.2	2151.1	2229.5	2368.0	2520.4	2654.2	2775.8
32.5°	1520.2	1631.0	1744.9	1869.5	2020.3	2100.3	2172.6	2329.6	2485.0	2617.3	2731.2
35°	1458.7	1563.3	1671.0	1798.7	1948.0	2020.3	2106.5	2269.6	2426.5	2566.5	2640.4
37.5°	1392.5	1492.5	1592.5	1718.7	1861.8	1949.5	2034.1	2198.8	2365.0	2458.8	2497.3
40°	1331.0	1418.7	1506.4	1627.9	1772.6	1863.3	1949.5	2120.3	2266.5	2338.8	2309.6
42.5°	1252.5	1343.3	1421.7	1534.1	1680.2	1764.9	1852.6	2029.5	2148.0	2177.2	2104.9
45°	1175.6	1250.9	1326.3	1435.6	1589.5	1661.8	1755.6	1920.3	2018.7	1992.6	1886.4
47.5°	1100.2	1161.7	1232.5	1338.7	1477.1	1563.3	1651.0	1794.1	1863.3	1826.4	1678.7
50°	1010.9	1072.5	1146.3	1238.6	1372.5	1455.6	1524.8	1657.2	1709.5	1618.7	1440.2
52.5°	926.3	980.1	1043.2	1129.4	1257.1	1332.5	1407.9	1521.8	1538.7	1434.1	1246.3
55°	846.3	889.4	955.5	1024.8	1141.7	1221.7	1274.0	1371.0	1366.3	1235.6	1074.0
57.5°	763.2	803.2	847.8	920.1	1030.9	1090.9	1147.9	1232.5	1187.9	1077.1	917.1
60°	689.3	712.4	757.0	826.3	920.1	972.4	1017.1	1063.2	1024.8	904.7	781.6
62.5°	607.8	633.9	666.2	721.6	804.7	854.0	886.3	906.3	866.3	774.0	661.6
65°	530.8	553.9	587.8	637.0	700.1	737.0	754.0	767.8	746.3	641.6	552.4
67.5°	461.6	477.0	507.8	540.1	607.8	617.0	640.1	646.2	603.2	523.2	452.4
70°	392.4	407.8	421.6	460.1	490.8	507.8	512.4	512.4	469.3	417.0	358.5
72.5°	327.7	337.0	350.8	377.0	393.9	406.2	412.4	404.7	364.7	321.6	278.5
75°	266.2	270.8	283.1	300.0	313.9	309.3	307.7	298.5	269.3	238.5	213.9
77.5°	204.6	207.7	221.6	226.2	226.2	230.8	224.6	215.4	190.8	167.7	156.9
80°	153.9	158.5	160.0	163.1	160.0	160.0	155.4	140.0	127.7	116.9	109.2
82.5°	106.2	109.2	110.8	106.2	109.2	104.6	96.9	86.2	78.5	76.9	73.9
85°	63.1	64.6	63.1	63.1	58.5	56.9	50.8	49.2	46.2	46.2	44.6
87.5°	30.8	29.2	26.2	23.1	23.1	21.5	23.1	20.0	23.1	21.5	20.0
90°	3.0	5.4	7.8	10.2	12.6	13.8	14.7	16.4	18.2	19.9	21.7
92.5°	14.8	14.4	13.9	13.5	13.0	12.8	13.7	15.4	17.2	18.9	20.7
95°	54.3	46.8	39.4	31.9	24.4	20.7	20.8	21.0	21.3	21.5	21.7
97.5°	103.7	108.5	113.4	118.2	123.1	125.5	114.0	90.9	67.8	44.8	21.7
100°	162.0	166.0	169.9	173.9	177.8	179.8	164.7	134.4	104.1	73.8	43.5
102.5°	227.2	229.8	232.5	235.1	237.8	239.1	240.4	243.0	245.7	248.3	250.9
105°	297.4	298.7	300.0	301.3	302.6	303.3	303.8	304.9	306.0	307.1	308.2
107.5°	361.6	362.3	362.9	363.6	364.3	364.6	365.4	366.9	368.4	370.0	371.5
110°	426.8	427.5	428.1	428.8	429.5	429.8	430.5	431.8	433.1	434.4	435.7

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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	490.0	491.3	492.6	493.9	495.2	495.9	496.1	496.6	497.0	497.5	497.9
115°	555.2	555.9	556.5	557.2	557.9	558.2	558.1	557.9	557.6	557.4	557.2
117.5°	613.5	614.4	615.3	616.2	617.1	617.5	617.8	618.5	619.1	619.8	620.4
120°	672.8	673.7	674.5	675.4	676.3	676.7	676.6	676.4	676.2	676.0	675.8
122.5°	728.1	728.5	729.0	729.4	729.9	730.1	730.3	730.8	731.2	731.7	732.1
125°	780.5	781.4	782.2	783.1	784.0	784.4	784.2	783.8	783.3	782.9	782.5
127.5°	830.9	831.1	831.3	831.5	831.7	831.8	832.4	833.5	834.6	835.7	836.8
130°	879.3	879.5	879.7	880.0	880.2	880.3	880.6	881.3	881.9	882.6	883.2
132.5°	923.7	924.1	924.6	925.0	925.5	925.7	926.1	927.0	927.9	928.8	929.7
135°	968.2	968.0	967.8	967.5	967.3	967.2	967.6	968.5	969.4	970.2	971.1
137.5°	1007.7	1007.7	1007.7	1007.7	1007.7	1007.7	1008.2	1009.3	1010.4	1011.5	1012.6
140°	1046.2	1046.6	1047.1	1047.5	1048.0	1048.2	1048.4	1048.9	1049.3	1049.8	1050.2
142.5°	1080.8	1081.7	1082.6	1083.5	1084.4	1084.8	1084.9	1085.1	1085.4	1085.6	1085.8
145°	1116.4	1117.0	1117.7	1118.3	1119.0	1119.3	1119.3	1119.3	1119.3	1119.3	1119.3
147.5°	1144.0	1145.3	1146.7	1148.0	1149.3	1150.0	1149.9	1149.7	1149.4	1149.2	1149.0
150°	1174.7	1175.6	1176.4	1177.3	1178.2	1178.6	1178.5	1178.3	1178.0	1177.8	1177.6
152.5°	1200.4	1201.0	1201.7	1202.3	1203.0	1203.3	1203.1	1202.6	1202.2	1201.7	1201.3
155°	1224.1	1224.3	1224.5	1224.8	1225.0	1225.1	1224.8	1224.1	1223.4	1222.8	1222.1
157.5°	1244.8	1244.8	1244.8	1244.8	1244.8	1244.8	1244.4	1243.5	1242.6	1241.8	1240.9
160°	1262.6	1261.9	1261.3	1260.6	1259.9	1259.6	1259.5	1259.3	1259.0	1258.8	1258.6
162.5°	1278.4	1277.5	1276.6	1275.7	1274.8	1274.4	1274.3	1274.1	1273.9	1273.7	1273.5
165°	1291.2	1290.1	1289.0	1287.9	1286.8	1286.3	1286.3	1286.3	1286.3	1286.3	1286.3
167.5°	1302.1	1301.0	1299.9	1298.8	1297.7	1297.2	1297.1	1296.9	1296.6	1296.4	1296.2
170°	1311.0	1309.7	1308.4	1307.1	1305.8	1305.1	1305.2	1305.4	1305.7	1305.9	1306.1
172.5°	1316.9	1315.6	1314.3	1313.0	1311.7	1311.0	1311.1	1311.3	1311.6	1311.8	1312.0
175°	1320.9	1319.6	1318.3	1317.0	1315.7	1315.0	1315.1	1315.3	1315.5	1315.7	1315.9
177.5°	1323.8	1322.3	1320.7	1319.2	1317.7	1316.9	1317.1	1317.6	1318.0	1318.5	1318.9
180°	1320.9	1320.9	1320.9	1320.9	1320.9	1320.9	1320.9	1320.9	1320.9	1320.9	1320.9

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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	1909.5	1909.5	1909.5	1909.5	1909.5	1909.5	1909.5	1909.5	1909.5	1909.5	1909.5
2.5°	2001.8	2018.7	2020.3	2035.7	2031.1	2023.4	2037.2	2028.0	2046.4	2040.3	2048.0
5°	2118.8	2141.8	2161.8	2174.2	2195.7	2191.1	2214.2	2206.5	2223.4	2206.5	2228.0
7.5°	2255.7	2294.2	2314.2	2346.5	2355.7	2357.3	2385.0	2391.1	2401.9	2391.1	2403.4
10°	2389.6	2435.7	2481.9	2508.1	2525.0	2548.1	2572.7	2583.4	2591.1	2580.4	2588.1
12.5°	2511.1	2583.4	2634.2	2686.5	2698.8	2718.8	2745.0	2741.9	2772.7	2766.5	2780.4
15°	2623.5	2703.5	2765.0	2806.6	2840.4	2857.3	2906.6	2909.6	2908.1	2923.5	2914.3
17.5°	2723.5	2791.2	2878.9	2932.7	2974.3	2974.3	3002.0	3058.9	3054.3	3052.7	3062.0
20°	2805.0	2881.9	2963.5	3054.3	3088.1	3094.3	3132.8	3162.0	3166.6	3166.6	3166.6
22.5°	2866.6	2957.3	3045.0	3109.7	3135.8	3157.4	3191.2	3209.7	3215.8	3212.8	3215.8
25°	2897.3	2983.5	3072.7	3131.2	3146.6	3158.9	3162.0	3172.8	3171.2	3152.8	3163.5
27.5°	2903.5	2986.6	3045.0	3060.4	3052.7	3045.0	2995.8	3000.4	2986.6	2958.9	2969.7
30°	2875.8	2920.4	2918.9	2871.2	2857.3	2825.0	2780.4	2714.2	2660.4	2637.3	2645.0
32.5°	2775.8	2775.8	2720.4	2612.7	2565.0	2506.5	2426.5	2366.5	2295.7	2280.3	2309.6
35°	2637.3	2558.8	2457.3	2315.7	2243.4	2200.3	2061.8	2018.7	1958.7	1941.8	1955.7
37.5°	2421.9	2291.1	2143.4	2011.1	1949.5	1872.6	1751.0	1689.5	1646.4	1617.2	1631.0
40°	2180.3	2021.8	1868.0	1704.9	1637.2	1574.1	1483.3	1427.9	1358.7	1361.7	1366.3
42.5°	1949.5	1763.3	1591.0	1440.2	1375.6	1323.3	1260.2	1192.5	1167.9	1160.2	1152.5
45°	1704.9	1506.4	1344.8	1232.5	1174.0	1124.8	1066.3	1027.8	998.6	992.4	1000.1
47.5°	1474.1	1306.3	1152.5	1047.8	1000.1	975.5	929.4	894.0	875.5	860.1	869.4
50°	1264.8	1107.9	984.8	897.1	863.2	846.3	803.2	784.7	766.3	761.6	760.1
52.5°	1092.5	958.6	852.4	781.6	755.5	746.3	713.9	687.8	672.4	677.0	680.1
55°	935.5	821.7	738.6	681.6	660.1	649.3	626.2	607.8	597.0	592.4	595.5
57.5°	797.0	698.6	638.6	592.4	575.5	570.9	546.2	540.1	532.4	527.8	527.8
60°	670.9	601.6	546.2	520.1	501.6	497.0	478.5	470.8	469.3	464.7	461.6
62.5°	564.7	507.8	469.3	441.6	433.9	432.4	420.1	410.8	406.2	403.1	403.1
65°	472.4	430.8	398.5	378.5	372.4	369.3	355.4	352.4	349.3	346.2	344.7
67.5°	393.9	357.0	333.9	320.0	312.4	313.9	306.2	300.0	300.0	298.5	297.0
70°	318.5	295.4	275.4	267.7	264.7	261.6	258.5	253.9	252.3	252.3	252.3
72.5°	250.8	235.4	224.6	220.0	217.0	213.9	210.8	210.8	210.8	209.3	209.3
75°	192.3	186.2	178.5	173.9	173.9	176.9	172.3	167.7	163.1	160.0	161.6
77.5°	144.6	141.6	136.9	129.2	130.8	127.7	127.7	124.6	126.2	126.2	123.1
80°	106.2	101.6	100.0	95.4	96.9	95.4	93.9	93.9	90.8	90.8	90.8
82.5°	73.9	69.2	69.2	67.7	66.2	66.2	64.6	64.6	66.2	63.1	63.1
85°	44.6	43.1	43.1	40.0	40.0	40.0	40.0	41.5	40.0	38.5	38.5
87.5°	20.0	21.5	20.0	18.5	18.5	18.5	16.9	16.9	15.4	16.9	16.9
90°	23.0	24.4	25.7	27.0	27.7	27.9	28.3	28.8	29.2	29.6	29.2
92.5°	22.0	23.4	24.7	26.0	26.7	26.7	26.7	26.7	26.7	26.7	26.7
95°	23.0	24.4	25.7	27.0	27.7	27.8	28.0	28.3	28.5	28.7	28.5
97.5°	22.8	23.9	25.0	26.1	26.7	26.8	27.0	27.3	27.5	27.7	27.5
100°	39.8	36.0	32.3	28.6	26.7	26.8	27.0	27.3	27.5	27.7	27.5
102.5°	201.5	152.1	102.8	53.4	28.7	28.7	28.7	28.7	28.7	28.7	28.7
105°	310.2	312.2	314.1	316.1	317.1	313.2	305.3	297.4	289.5	281.6	289.5
107.5°	372.6	373.7	374.8	375.9	376.4	376.8	377.7	378.6	379.5	380.4	379.5
110°	436.1	436.6	437.0	437.5	437.7	438.0	438.7	439.3	440.0	440.6	440.0

TEST NUMBER: P1032893

CATALOG NUMBER: S124RDIW-B1195D1050UB2750-4F0-XX-W2A-A_5000K

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	497.7	497.5	497.2	497.0	496.9	497.3	498.2	499.1	500.0	500.9	500.0
115°	557.6	558.1	558.5	559.0	559.2	559.2	559.2	559.2	559.2	559.2	559.2
117.5°	620.2	620.0	619.7	619.5	619.4	619.4	619.4	619.4	619.4	619.4	619.4
120°	676.2	676.6	677.1	677.5	677.7	677.5	677.1	676.6	676.2	675.8	676.2
122.5°	732.3	732.5	732.8	733.0	733.1	732.9	732.4	732.0	731.5	731.1	731.5
125°	783.1	783.8	784.4	785.1	785.4	785.5	785.7	786.0	786.2	786.4	786.2
127.5°	836.6	836.4	836.1	835.9	835.8	835.7	835.5	835.2	835.0	834.8	835.0
130°	883.4	883.6	883.9	884.1	884.2	884.2	884.2	884.2	884.2	884.2	884.2
132.5°	929.9	930.1	930.3	930.5	930.6	930.5	930.3	930.1	929.9	929.7	929.9
135°	971.5	972.0	972.4	972.9	973.1	973.3	973.8	974.2	974.7	975.1	974.7
137.5°	1013.0	1013.5	1013.9	1014.4	1014.6	1014.5	1014.3	1014.0	1013.8	1013.6	1013.8
140°	1050.8	1051.5	1052.1	1052.8	1053.1	1053.2	1053.4	1053.7	1053.9	1054.1	1053.9
142.5°	1086.2	1086.6	1087.1	1087.5	1087.7	1087.7	1087.7	1087.7	1087.7	1087.7	1087.7
145°	1119.5	1119.7	1120.0	1120.2	1120.3	1120.5	1121.0	1121.4	1121.9	1122.3	1121.9
147.5°	1149.2	1149.4	1149.7	1149.9	1150.0	1150.1	1150.3	1150.6	1150.8	1151.0	1150.8
150°	1177.6	1177.6	1177.6	1177.6	1177.6	1177.7	1177.9	1178.2	1178.4	1178.6	1178.4
152.5°	1201.7	1202.2	1202.6	1203.1	1203.3	1203.2	1203.0	1202.7	1202.5	1202.3	1202.5
155°	1223.0	1223.8	1224.7	1225.6	1226.0	1225.7	1225.0	1224.4	1223.7	1223.1	1223.7
157.5°	1242.0	1243.1	1244.2	1245.3	1245.8	1245.3	1244.2	1243.1	1242.0	1240.9	1242.0
160°	1259.9	1261.3	1262.6	1263.9	1264.6	1263.9	1262.6	1261.3	1259.9	1258.6	1259.9
162.5°	1274.8	1276.1	1277.4	1278.7	1279.4	1278.6	1277.1	1275.6	1274.0	1272.5	1274.0
165°	1288.1	1289.8	1291.6	1293.3	1294.2	1293.2	1291.2	1289.3	1287.3	1285.3	1287.3
167.5°	1298.2	1300.2	1302.1	1304.1	1305.1	1304.0	1301.8	1299.6	1297.4	1295.2	1297.4
170°	1307.9	1309.6	1311.4	1313.1	1314.0	1312.9	1310.7	1308.5	1306.3	1304.1	1306.3
172.5°	1313.8	1315.5	1317.3	1319.0	1319.9	1318.7	1316.3	1313.8	1311.4	1309.0	1311.4
175°	1317.9	1319.9	1321.8	1323.8	1324.8	1323.5	1320.9	1318.2	1315.6	1313.0	1315.6
177.5°	1320.7	1322.4	1324.2	1325.9	1326.8	1325.5	1322.9	1320.2	1317.6	1315.0	1317.6
180°	1320.9	1320.9	1320.9	1320.9	1320.9	1320.9	1320.9	1320.9	1320.9	1320.9	1320.9

TEST NUMBER: P1032893

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CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	1909.5	1909.5	1909.5	1909.5	1909.5	1909.5	1909.5	1909.5	1909.5	1909.5	1909.5
2.5°	2052.6	2041.8	2040.3	2040.3	2023.4	2032.6	2014.1	1994.1	1984.9	1984.9	1968.0
5°	2223.4	2212.6	2201.9	2184.9	2184.9	2175.7	2146.5	2117.2	2095.7	2077.2	2057.2
7.5°	2398.8	2388.0	2357.3	2340.3	2349.6	2331.1	2292.6	2243.4	2206.5	2177.2	2135.7
10°	2589.6	2560.4	2545.0	2535.7	2503.4	2483.4	2438.8	2366.5	2320.3	2281.9	2228.0
12.5°	2745.0	2754.2	2695.8	2700.4	2668.1	2640.4	2571.1	2501.9	2432.7	2378.8	2298.8
15°	2912.7	2885.0	2849.6	2821.9	2811.2	2777.3	2718.8	2626.5	2551.1	2466.5	2375.7
17.5°	3045.0	3023.5	2989.7	2963.5	2940.4	2858.9	2809.6	2728.1	2625.0	2541.9	2431.1
20°	3157.4	3137.4	3089.7	3072.7	3031.2	2972.7	2902.0	2775.8	2683.5	2592.7	2485.0
22.5°	3205.1	3185.1	3143.5	3122.0	3095.8	3038.9	2971.2	2851.2	2737.3	2623.5	2509.6
25°	3165.1	3165.1	3145.1	3137.4	3114.3	3063.5	2994.3	2892.7	2771.2	2648.1	2512.7
27.5°	2971.2	3009.7	3023.5	3031.2	3031.2	3032.7	2985.0	2886.6	2768.1	2648.1	2506.5
30°	2691.2	2755.8	2812.7	2829.6	2858.9	2891.2	2911.2	2863.5	2757.3	2631.1	2489.6
32.5°	2338.8	2421.9	2528.1	2554.2	2594.2	2691.2	2745.0	2765.0	2706.5	2595.8	2445.0
35°	1988.0	2092.6	2157.2	2237.2	2274.2	2417.3	2537.3	2609.6	2595.8	2529.6	2392.6
37.5°	1681.8	1741.8	1820.3	1904.9	1978.7	2115.7	2264.9	2405.0	2461.9	2429.6	2326.5
40°	1387.9	1458.7	1552.5	1621.8	1672.5	1809.5	1994.1	2146.5	2271.1	2291.1	2228.0
42.5°	1180.2	1250.9	1307.9	1383.3	1423.3	1555.6	1718.7	1909.5	2057.2	2135.7	2108.0
45°	1020.1	1063.2	1109.4	1152.5	1201.7	1318.6	1469.4	1678.7	1844.9	1955.7	1966.4
47.5°	880.1	918.6	958.6	998.6	1026.3	1117.1	1255.6	1426.4	1607.9	1760.3	1820.3
50°	781.6	800.1	829.3	852.4	884.7	963.2	1074.0	1221.7	1414.0	1578.7	1657.2
52.5°	684.7	707.8	730.9	750.9	772.4	827.8	929.4	1057.1	1223.3	1392.5	1489.4
55°	603.2	621.6	643.2	657.0	669.3	718.6	795.5	894.0	1037.1	1197.1	1317.1
57.5°	537.0	544.7	563.2	570.9	584.7	624.7	680.1	767.8	883.2	1038.6	1137.1
60°	464.7	480.1	493.9	500.1	510.8	538.5	577.0	658.6	758.6	872.4	984.8
62.5°	406.2	412.4	423.1	430.8	438.5	467.8	500.1	561.6	637.0	732.4	835.5
65°	352.4	355.4	361.6	372.4	377.0	398.5	417.0	461.6	532.4	604.7	707.8
67.5°	297.0	300.0	307.7	313.9	318.5	332.4	352.4	384.7	423.1	503.1	560.1
70°	253.9	253.9	258.5	261.6	266.2	272.3	283.1	307.7	343.1	393.9	446.2
72.5°	212.3	212.3	212.3	217.0	217.0	221.6	227.7	244.7	269.3	309.3	343.1
75°	164.6	166.2	169.3	169.3	170.8	176.9	181.6	186.2	198.5	224.6	255.4
77.5°	124.6	127.7	129.2	126.2	129.2	129.2	135.4	141.6	147.7	155.4	178.5
80°	92.3	93.9	90.8	92.3	92.3	95.4	98.5	96.9	100.0	109.2	115.4
82.5°	61.5	63.1	63.1	63.1	63.1	67.7	67.7	66.2	67.7	69.2	70.8
85°	38.5	36.9	36.9	38.5	36.9	36.9	38.5	40.0	38.5	40.0	41.5
87.5°	16.9	16.9	16.9	16.9	15.4	15.4	16.9	15.4	16.9	15.4	13.8
90°	28.8	28.3	27.9	27.7	27.0	25.7	24.4	23.0	21.7	19.9	18.2
92.5°	26.7	26.7	26.7	26.7	26.0	24.7	23.4	22.0	20.7	18.9	17.2
95°	28.3	28.0	27.8	27.7	27.0	25.7	24.4	23.0	21.7	21.5	21.3
97.5°	27.3	27.0	26.8	26.7	26.1	25.0	23.9	22.8	21.7	44.8	67.8
100°	27.3	27.0	26.8	26.7	28.6	32.3	36.0	39.8	43.5	73.8	104.1
102.5°	28.7	28.7	28.7	28.7	53.4	102.8	152.1	201.5	250.9	248.3	245.7
105°	297.4	305.3	313.2	317.1	316.1	314.1	312.2	310.2	308.2	307.1	306.0
107.5°	378.6	377.7	376.8	376.4	375.9	374.8	373.7	372.6	371.5	370.0	368.4
110°	439.3	438.7	438.0	437.7	437.5	437.0	436.6	436.1	435.7	434.4	433.1

TEST NUMBER: P1032893

CATALOG NUMBER: S124RDIW-B1195D1050UB2750-4F0-XX-W2A-A_5000K

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	499.1	498.2	497.3	496.9	497.0	497.2	497.5	497.7	497.9	497.5	497.0
115°	559.2	559.2	559.2	559.2	559.0	558.5	558.1	557.6	557.2	557.4	557.6
117.5°	619.4	619.4	619.4	619.4	619.5	619.7	620.0	620.2	620.4	619.8	619.1
120°	676.6	677.1	677.5	677.7	677.5	677.1	676.6	676.2	675.8	676.0	676.2
122.5°	732.0	732.4	732.9	733.1	733.0	732.8	732.5	732.3	732.1	731.7	731.2
125°	786.0	785.7	785.5	785.4	785.1	784.4	783.8	783.1	782.5	782.9	783.3
127.5°	835.2	835.5	835.7	835.8	835.9	836.1	836.4	836.6	836.8	835.7	834.6
130°	884.2	884.2	884.2	884.2	884.1	883.9	883.6	883.4	883.2	882.6	881.9
132.5°	930.1	930.3	930.5	930.6	930.5	930.3	930.1	929.9	929.7	928.8	927.9
135°	974.2	973.8	973.3	973.1	972.9	972.4	972.0	971.5	971.1	970.2	969.4
137.5°	1014.0	1014.3	1014.5	1014.6	1014.4	1013.9	1013.5	1013.0	1012.6	1011.5	1010.4
140°	1053.7	1053.4	1053.2	1053.1	1052.8	1052.1	1051.5	1050.8	1050.2	1049.8	1049.3
142.5°	1087.7	1087.7	1087.7	1087.7	1087.5	1087.1	1086.6	1086.2	1085.8	1085.6	1085.4
145°	1121.4	1121.0	1120.5	1120.3	1120.2	1120.0	1119.7	1119.5	1119.3	1119.3	1119.3
147.5°	1150.6	1150.3	1150.1	1150.0	1149.9	1149.7	1149.4	1149.2	1149.0	1149.2	1149.4
150°	1178.2	1177.9	1177.7	1177.6	1177.6	1177.6	1177.6	1177.6	1177.6	1177.8	1178.0
152.5°	1202.7	1203.0	1203.2	1203.3	1203.1	1202.6	1202.2	1201.7	1201.3	1201.7	1202.2
155°	1224.4	1225.0	1225.7	1226.0	1225.6	1224.7	1223.8	1223.0	1222.1	1222.8	1223.4
157.5°	1243.1	1244.2	1245.3	1245.8	1245.3	1244.2	1243.1	1242.0	1240.9	1241.8	1242.6
160°	1261.3	1262.6	1263.9	1264.6	1263.9	1262.6	1261.3	1259.9	1258.6	1258.8	1259.0
162.5°	1275.6	1277.1	1278.6	1279.4	1278.7	1277.4	1276.1	1274.8	1273.5	1273.7	1273.9
165°	1289.3	1291.2	1293.2	1294.2	1293.3	1291.6	1289.8	1288.1	1286.3	1286.3	1286.3
167.5°	1299.6	1301.8	1304.0	1305.1	1304.1	1302.1	1300.2	1298.2	1296.2	1296.4	1296.6
170°	1308.5	1310.7	1312.9	1314.0	1313.1	1311.4	1309.6	1307.9	1306.1	1305.9	1305.7
172.5°	1313.8	1316.3	1318.7	1319.9	1319.0	1317.3	1315.5	1313.8	1312.0	1311.8	1311.6
175°	1318.2	1320.9	1323.5	1324.8	1323.8	1321.8	1319.9	1317.9	1315.9	1315.7	1315.5
177.5°	1320.2	1322.9	1325.5	1326.8	1325.9	1324.2	1322.4	1320.7	1318.9	1318.5	1318.0
180°	1320.9	1320.9	1320.9	1320.9	1320.9	1320.9	1320.9	1320.9	1320.9	1320.9	1320.9

TEST NUMBER: P1032893

CATALOG NUMBER: S124RDIW-B1195D1050UB2750-4F0-XX-W2A-A_5000K

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
0°	1909.5	1909.5	1909.5	1909.5	1909.5	1909.5	1909.5	1909.5	1909.5	1909.5	1909.5
2.5°	1958.7	1951.0	1946.4	1944.9	1931.0	1923.4	1918.7	1915.7	1911.0	1898.7	1888.0
5°	2032.6	2011.1	2000.3	1988.0	1966.4	1941.8	1921.8	1909.5	1894.1	1869.5	1846.4
7.5°	2101.8	2069.5	2048.0	2031.1	1994.1	1954.1	1921.8	1895.7	1866.4	1832.6	1800.3
10°	2174.2	2121.8	2094.1	2068.0	2014.1	1961.8	1915.7	1877.2	1835.6	1791.0	1755.6
12.5°	2231.1	2161.8	2131.1	2094.1	2028.0	1966.4	1908.0	1855.6	1801.8	1754.1	1703.3
15°	2297.3	2211.1	2175.7	2128.0	2037.2	1957.2	1881.8	1824.9	1769.5	1698.7	1644.9
17.5°	2335.7	2235.7	2184.9	2143.4	2044.9	1948.0	1860.3	1789.5	1724.9	1654.1	1597.2
20°	2374.2	2260.3	2203.4	2144.9	2028.0	1924.9	1832.6	1747.9	1680.2	1603.3	1544.8
22.5°	2386.5	2254.2	2194.2	2140.3	2017.2	1901.8	1795.6	1709.5	1631.0	1554.1	1487.9
25°	2386.5	2252.6	2181.8	2112.6	1983.4	1864.9	1758.7	1664.9	1577.1	1500.2	1434.1
27.5°	2361.9	2221.9	2148.0	2084.9	1951.0	1823.3	1714.1	1611.0	1526.4	1449.4	1374.0
30°	2331.1	2177.2	2103.4	2028.0	1898.7	1777.2	1658.7	1563.3	1474.1	1386.4	1318.6
32.5°	2292.6	2129.5	2048.0	1971.1	1834.1	1707.9	1598.7	1504.8	1420.2	1329.4	1254.0
35°	2237.2	2058.8	1968.0	1900.3	1767.9	1637.2	1532.5	1440.2	1358.7	1264.8	1183.2
37.5°	2166.5	1994.1	1901.8	1818.7	1681.8	1561.8	1463.3	1374.0	1294.0	1207.9	1117.1
40°	2083.4	1903.3	1823.3	1735.6	1591.0	1477.1	1384.8	1304.8	1224.8	1143.2	1055.5
42.5°	1989.5	1811.0	1721.8	1637.2	1498.7	1386.4	1300.2	1227.9	1154.0	1078.6	984.8
45°	1877.2	1709.5	1623.3	1543.3	1409.4	1294.0	1215.6	1146.3	1083.2	1006.3	923.2
47.5°	1751.0	1604.8	1517.1	1431.0	1300.2	1200.2	1123.2	1064.8	1010.9	934.0	858.6
50°	1627.9	1483.3	1412.5	1324.8	1204.8	1110.9	1032.5	983.2	941.7	866.3	798.6
52.5°	1472.5	1363.3	1295.6	1220.2	1104.8	1009.4	947.8	904.7	855.5	797.0	737.0
55°	1335.6	1234.0	1180.2	1109.4	995.5	910.9	858.6	818.6	780.1	727.8	680.1
57.5°	1180.2	1117.1	1063.2	1001.7	889.4	817.0	770.9	737.0	701.6	658.6	620.1
60°	1017.1	987.8	935.5	886.3	790.9	727.8	689.3	658.6	624.7	589.3	557.0
62.5°	872.4	855.5	824.7	786.3	697.0	643.2	604.7	581.6	557.0	524.7	493.9
65°	735.5	727.8	698.6	670.9	609.3	561.6	527.8	513.9	486.2	461.6	433.9
67.5°	613.9	604.7	587.8	575.5	523.2	478.5	461.6	443.1	420.1	401.6	378.5
70°	490.8	489.3	478.5	463.1	435.4	403.1	386.2	373.9	350.8	337.0	320.0
72.5°	381.6	389.3	380.1	373.9	355.4	332.4	317.0	309.3	290.8	280.0	267.7
75°	284.7	290.8	295.4	284.7	280.0	269.3	255.4	247.7	238.5	223.1	218.5
77.5°	193.9	207.7	207.7	210.8	212.3	206.2	195.4	189.3	178.5	175.4	169.3
80°	127.7	140.0	141.6	144.6	149.3	149.3	141.6	140.0	129.2	127.7	123.1
82.5°	73.9	84.6	90.8	95.4	93.9	100.0	93.9	92.3	86.2	86.2	83.1
85°	40.0	41.5	44.6	47.7	50.8	53.9	53.9	52.3	50.8	49.2	46.2
87.5°	15.4	15.4	16.9	15.4	16.9	20.0	21.5	21.5	20.0	18.5	15.4
90°	16.4	14.7	13.8	12.6	10.2	7.8	5.4	3.0	5.4	7.8	10.2
92.5°	15.4	13.7	12.8	13.0	13.5	13.9	14.4	14.8	14.4	13.9	13.5
95°	21.0	20.8	20.7	24.4	31.9	39.4	46.8	54.3	46.8	39.4	31.9
97.5°	90.9	114.0	125.5	123.1	118.2	113.4	108.5	103.7	108.5	113.4	118.2
100°	134.4	164.7	179.8	177.8	173.9	169.9	166.0	162.0	166.0	169.9	173.9
102.5°	243.0	240.4	239.1	237.8	235.1	232.5	229.8	227.2	229.8	232.5	235.1
105°	304.9	303.8	303.3	302.6	301.3	300.0	298.7	297.4	298.7	300.0	301.3
107.5°	366.9	365.4	364.6	364.3	363.6	362.9	362.3	361.6	362.3	362.9	363.6
110°	431.8	430.5	429.8	429.5	428.8	428.1	427.5	426.8	427.5	428.1	428.8

TEST NUMBER: P1032893

CATALOG NUMBER: S124RDIW-B1195D1050UB2750-4F0-XX-W2A-A_5000K

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
112.5°	496.6	496.1	495.9	495.2	493.9	492.6	491.3	490.0	491.3	492.6	493.9
115°	557.9	558.1	558.2	557.9	557.2	556.5	555.9	555.2	555.9	556.5	557.2
117.5°	618.5	617.8	617.5	617.1	616.2	615.3	614.4	613.5	614.4	615.3	616.2
120°	676.4	676.6	676.7	676.3	675.4	674.5	673.7	672.8	673.7	674.5	675.4
122.5°	730.8	730.3	730.1	729.9	729.4	729.0	728.5	728.1	728.5	729.0	729.4
125°	783.8	784.2	784.4	784.0	783.1	782.2	781.4	780.5	781.4	782.2	783.1
127.5°	833.5	832.4	831.8	831.7	831.5	831.3	831.1	830.9	831.1	831.3	831.5
130°	881.3	880.6	880.3	880.2	880.0	879.7	879.5	879.3	879.5	879.7	880.0
132.5°	927.0	926.1	925.7	925.5	925.0	924.6	924.1	923.7	924.1	924.6	925.0
135°	968.5	967.6	967.2	967.3	967.5	967.8	968.0	968.2	968.0	967.8	967.5
137.5°	1009.3	1008.2	1007.7	1007.7	1007.7	1007.7	1007.7	1007.7	1007.7	1007.7	1007.7
140°	1048.9	1048.4	1048.2	1048.0	1047.5	1047.1	1046.6	1046.2	1046.6	1047.1	1047.5
142.5°	1085.1	1084.9	1084.8	1084.4	1083.5	1082.6	1081.7	1080.8	1081.7	1082.6	1083.5
145°	1119.3	1119.3	1119.3	1119.0	1118.3	1117.7	1117.0	1116.4	1117.0	1117.7	1118.3
147.5°	1149.7	1149.9	1150.0	1149.3	1148.0	1146.7	1145.3	1144.0	1145.3	1146.7	1148.0
150°	1178.3	1178.5	1178.6	1178.2	1177.3	1176.4	1175.6	1174.7	1175.6	1176.4	1177.3
152.5°	1202.6	1203.1	1203.3	1203.0	1202.3	1201.7	1201.0	1200.4	1201.0	1201.7	1202.3
155°	1224.1	1224.8	1225.1	1225.0	1224.8	1224.5	1224.3	1224.1	1224.3	1224.5	1224.8
157.5°	1243.5	1244.4	1244.8	1244.8	1244.8	1244.8	1244.8	1244.8	1244.8	1244.8	1244.8
160°	1259.3	1259.5	1259.6	1259.9	1260.6	1261.3	1261.9	1262.6	1261.9	1261.3	1260.6
162.5°	1274.1	1274.3	1274.4	1274.8	1275.7	1276.6	1277.5	1278.4	1277.5	1276.6	1275.7
165°	1286.3	1286.3	1286.3	1286.8	1287.9	1289.0	1290.1	1291.2	1290.1	1289.0	1287.9
167.5°	1296.9	1297.1	1297.2	1297.7	1298.8	1299.9	1301.0	1302.1	1301.0	1299.9	1298.8
170°	1305.4	1305.2	1305.1	1305.8	1307.1	1308.4	1309.7	1311.0	1309.7	1308.4	1307.1
172.5°	1311.3	1311.1	1311.0	1311.7	1313.0	1314.3	1315.6	1316.9	1315.6	1314.3	1313.0
175°	1315.3	1315.1	1315.0	1315.7	1317.0	1318.3	1319.6	1320.9	1319.6	1318.3	1317.0
177.5°	1317.6	1317.1	1316.9	1317.7	1319.2	1320.7	1322.3	1323.8	1322.3	1320.7	1319.2
180°	1320.9	1320.9	1320.9	1320.9	1320.9	1320.9	1320.9	1320.9	1320.9	1320.9	1320.9

TEST NUMBER: P1032893

CATALOG NUMBER: S124RDIW-B1195D1050UB2750-4F0-XX-W2A-A_5000K

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
0°	1909.5	1909.5	1909.5	1909.5	1909.5	1909.5	1909.5	1909.5	1909.5	1909.5	1909.5
2.5°	1878.7	1875.7	1872.6	1860.3	1849.5	1831.0	1815.6	1809.5	1808.0	1809.5	1804.9
5°	1824.9	1823.3	1812.6	1791.0	1771.0	1749.5	1734.1	1718.7	1709.5	1709.5	1698.7
7.5°	1774.1	1763.3	1754.1	1726.4	1703.3	1674.1	1651.0	1637.2	1629.5	1612.5	1612.5
10°	1720.2	1704.9	1692.5	1666.4	1632.5	1603.3	1574.1	1557.1	1543.3	1531.0	1526.4
12.5°	1666.4	1654.1	1631.0	1603.3	1569.5	1532.5	1501.8	1489.4	1457.1	1431.0	1432.5
15°	1615.6	1587.9	1577.1	1537.1	1497.1	1461.7	1417.1	1381.7	1355.6	1338.7	1317.1
17.5°	1558.7	1531.0	1511.0	1477.1	1424.8	1369.4	1326.3	1278.6	1252.5	1223.3	1209.4
20°	1495.6	1472.5	1457.1	1403.3	1340.2	1274.0	1226.3	1197.1	1167.9	1146.3	1134.0
22.5°	1441.7	1412.5	1394.0	1321.7	1252.5	1186.3	1149.4	1124.8	1100.2	1081.7	1075.5
25°	1372.5	1355.6	1311.0	1247.9	1163.2	1118.6	1086.3	1054.0	1040.1	1027.8	1014.0
27.5°	1315.6	1274.0	1243.3	1160.2	1107.9	1057.1	1024.8	1000.1	983.2	970.9	960.1
30°	1244.8	1206.3	1163.2	1094.0	1046.3	998.6	969.4	949.4	930.9	923.2	914.0
32.5°	1170.9	1135.5	1094.0	1038.6	980.1	943.2	920.1	898.6	886.3	878.6	867.8
35°	1104.8	1060.2	1032.5	980.1	932.4	890.9	869.4	850.9	837.0	834.0	832.4
37.5°	1034.0	1000.1	974.0	920.1	880.1	844.7	824.7	804.7	797.0	795.5	789.3
40°	972.4	943.2	918.6	867.8	824.7	792.4	777.0	764.7	757.0	757.0	755.5
42.5°	918.6	887.8	863.2	817.0	778.6	749.3	732.4	720.1	717.0	718.6	717.0
45°	858.6	832.4	807.8	760.1	727.8	706.3	687.8	681.6	677.0	678.6	680.1
47.5°	801.7	780.1	755.5	717.0	680.1	657.0	646.2	640.1	640.1	640.1	643.2
50°	750.9	726.3	704.7	664.7	630.9	612.4	603.2	595.5	597.0	598.5	600.1
52.5°	690.9	669.3	653.9	613.9	589.3	566.2	555.5	557.0	555.5	555.5	558.5
55°	638.6	617.0	601.6	564.7	540.1	524.7	515.5	510.8	512.4	509.3	515.5
57.5°	580.1	561.6	550.8	515.5	493.9	480.1	472.4	464.7	467.8	466.2	464.7
60°	529.3	507.8	490.8	466.2	447.8	430.8	426.2	418.5	421.6	418.5	417.0
62.5°	470.8	453.9	441.6	417.0	401.6	387.7	377.0	372.4	370.8	366.2	361.6
65°	412.4	403.1	390.8	366.2	350.8	340.0	333.9	329.3	327.7	315.4	301.6
67.5°	358.5	352.4	340.0	321.6	307.7	297.0	287.7	280.0	270.8	261.6	253.9
70°	307.7	298.5	290.8	273.9	261.6	250.8	241.6	232.3	227.7	218.5	215.4
72.5°	258.5	249.3	241.6	226.2	215.4	204.6	201.6	190.8	186.2	184.6	184.6
75°	207.7	200.0	195.4	181.6	172.3	164.6	160.0	156.9	153.9	150.8	146.2
77.5°	158.5	153.9	150.8	141.6	133.9	129.2	127.7	116.9	113.9	110.8	107.7
80°	115.4	113.9	110.8	103.1	100.0	89.2	89.2	86.2	84.6	84.6	84.6
82.5°	78.5	75.4	73.9	66.2	64.6	63.1	61.5	60.0	61.5	60.0	61.5
85°	41.5	40.0	38.5	38.5	38.5	38.5	38.5	38.5	38.5	36.9	38.5
87.5°	15.4	15.4	15.4	15.4	13.8	15.4	15.4	13.8	15.4	15.4	15.4
90°	12.6	13.8	14.7	16.4	18.2	19.9	21.7	23.0	24.4	25.7	27.0
92.5°	13.0	12.8	13.7	15.4	17.2	18.9	20.7	22.0	23.4	24.7	26.0
95°	24.4	20.7	20.8	21.0	21.3	21.5	21.7	23.0	24.4	25.7	27.0
97.5°	123.1	125.5	114.0	90.9	67.8	44.8	21.7	22.8	23.9	25.0	26.1
100°	177.8	179.8	164.7	134.4	104.1	73.8	43.5	39.8	36.0	32.3	28.6
102.5°	237.8	239.1	240.4	243.0	245.7	248.3	250.9	201.5	152.1	102.8	53.4
105°	302.6	303.3	303.8	304.9	306.0	307.1	308.2	310.2	312.2	314.1	316.1
107.5°	364.3	364.6	365.4	366.9	368.4	370.0	371.5	372.6	373.7	374.8	375.9
110°	429.5	429.8	430.5	431.8	433.1	434.4	435.7	436.1	436.6	437.0	437.5

TEST NUMBER: P1032893

CATALOG NUMBER: S124RDIW-B1195D1050UB2750-4F0-XX-W2A-A_5000K

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
112.5°	495.2	495.9	496.1	496.6	497.0	497.5	497.9	497.7	497.5	497.2	497.0
115°	557.9	558.2	558.1	557.9	557.6	557.4	557.2	557.6	558.1	558.5	559.0
117.5°	617.1	617.5	617.8	618.5	619.1	619.8	620.4	620.2	620.0	619.7	619.5
120°	676.3	676.7	676.6	676.4	676.2	676.0	675.8	676.2	676.6	677.1	677.5
122.5°	729.9	730.1	730.3	730.8	731.2	731.7	732.1	732.3	732.5	732.8	733.0
125°	784.0	784.4	784.2	783.8	783.3	782.9	782.5	783.1	783.8	784.4	785.1
127.5°	831.7	831.8	832.4	833.5	834.6	835.7	836.8	836.6	836.4	836.1	835.9
130°	880.2	880.3	880.6	881.3	881.9	882.6	883.2	883.4	883.6	883.9	884.1
132.5°	925.5	925.7	926.1	927.0	927.9	928.8	929.7	929.9	930.1	930.3	930.5
135°	967.3	967.2	967.6	968.5	969.4	970.2	971.1	971.5	972.0	972.4	972.9
137.5°	1007.7	1007.7	1008.2	1009.3	1010.4	1011.5	1012.6	1013.0	1013.5	1013.9	1014.4
140°	1048.0	1048.2	1048.4	1048.9	1049.3	1049.8	1050.2	1050.8	1051.5	1052.1	1052.8
142.5°	1084.4	1084.8	1084.9	1085.1	1085.4	1085.6	1085.8	1086.2	1086.6	1087.1	1087.5
145°	1119.0	1119.3	1119.3	1119.3	1119.3	1119.3	1119.3	1119.5	1119.7	1120.0	1120.2
147.5°	1149.3	1150.0	1149.9	1149.7	1149.4	1149.2	1149.0	1149.2	1149.4	1149.7	1149.9
150°	1178.2	1178.6	1178.5	1178.3	1178.0	1177.8	1177.6	1177.6	1177.6	1177.6	1177.6
152.5°	1203.0	1203.3	1203.1	1202.6	1202.2	1201.7	1201.3	1201.7	1202.2	1202.6	1203.1
155°	1225.0	1225.1	1224.8	1224.1	1223.4	1222.8	1222.1	1223.0	1223.8	1224.7	1225.6
157.5°	1244.8	1244.8	1244.4	1243.5	1242.6	1241.8	1240.9	1242.0	1243.1	1244.2	1245.3
160°	1259.9	1259.6	1259.5	1259.3	1259.0	1258.8	1258.6	1259.9	1261.3	1262.6	1263.9
162.5°	1274.8	1274.4	1274.3	1274.1	1273.9	1273.7	1273.5	1274.8	1276.1	1277.4	1278.7
165°	1286.8	1286.3	1286.3	1286.3	1286.3	1286.3	1286.3	1288.1	1289.8	1291.6	1293.3
167.5°	1297.7	1297.2	1297.1	1296.9	1296.6	1296.4	1296.2	1298.2	1300.2	1302.1	1304.1
170°	1305.8	1305.1	1305.2	1305.4	1305.7	1305.9	1306.1	1307.9	1309.6	1311.4	1313.1
172.5°	1311.7	1311.0	1311.1	1311.3	1311.6	1311.8	1312.0	1313.8	1315.5	1317.3	1319.0
175°	1315.7	1315.0	1315.1	1315.3	1315.5	1315.7	1315.9	1317.9	1319.9	1321.8	1323.8
177.5°	1317.7	1316.9	1317.1	1317.6	1318.0	1318.5	1318.9	1320.7	1322.4	1324.2	1325.9
180°	1320.9	1320.9	1320.9	1320.9	1320.9	1320.9	1320.9	1320.9	1320.9	1320.9	1320.9

TEST NUMBER: P1032893

CATALOG NUMBER: S124RDIW-B1195D1050UB2750-4F0-XX-W2A-A_5000K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
0°	1909.5	1909.5	1909.5	1909.5	1909.5	1909.5	1909.5	1909.5	1909.5	1909.5	1909.5
2.5°	1804.9	1811.0	1803.3	1808.0	1797.2	1795.6	1797.2	1797.2	1798.7	1800.3	1801.8
5°	1703.3	1701.8	1692.5	1686.4	1681.8	1686.4	1689.5	1692.5	1689.5	1692.5	1694.1
7.5°	1607.9	1603.3	1598.7	1587.9	1591.0	1587.9	1597.2	1592.5	1592.5	1600.2	1606.4
10°	1523.3	1514.1	1511.0	1498.7	1489.4	1487.9	1498.7	1503.3	1507.9	1511.0	1523.3
12.5°	1414.0	1400.2	1389.4	1394.0	1367.9	1378.7	1381.7	1375.6	1394.0	1415.6	1403.3
15°	1297.1	1298.6	1277.1	1269.4	1247.9	1254.0	1255.6	1271.0	1286.3	1284.8	1303.3
17.5°	1210.9	1201.7	1183.2	1181.7	1172.5	1177.1	1175.6	1187.9	1183.2	1190.9	1206.3
20°	1130.9	1124.8	1109.4	1103.2	1106.3	1103.2	1104.8	1106.3	1110.9	1127.9	1124.8
22.5°	1067.8	1060.2	1060.2	1052.5	1043.2	1040.1	1047.8	1052.5	1058.6	1061.7	1069.4
25°	1012.5	1006.3	998.6	994.0	986.3	987.8	992.4	998.6	1003.2	1009.4	1015.5
27.5°	955.5	955.5	947.8	946.3	943.2	941.7	947.8	950.9	950.9	955.5	961.7
30°	910.9	910.9	903.2	901.7	900.1	900.1	904.7	906.3	907.8	912.4	915.5
32.5°	867.8	866.3	863.2	864.7	863.2	864.7	864.7	866.3	869.4	870.9	877.0
35°	827.8	829.3	826.3	826.3	824.7	826.3	829.3	830.9	832.4	835.5	835.5
37.5°	789.3	792.4	790.9	795.5	795.5	795.5	795.5	798.6	798.6	798.6	797.0
40°	755.5	755.5	754.0	757.0	760.1	760.1	761.6	761.6	763.2	763.2	761.6
42.5°	717.0	720.1	724.7	726.3	729.3	727.8	732.4	730.9	732.4	729.3	726.3
45°	681.6	681.6	687.8	693.9	695.5	695.5	695.5	698.6	695.5	690.9	689.3
47.5°	643.2	646.2	649.3	657.0	658.6	658.6	658.6	658.6	655.5	655.5	655.5
50°	604.7	606.2	607.8	610.9	615.5	613.9	613.9	613.9	620.1	613.9	615.5
52.5°	558.5	560.1	561.6	567.8	566.2	566.2	567.8	567.8	572.4	570.9	567.8
55°	512.4	512.4	515.5	515.5	515.5	518.5	520.1	523.2	521.6	523.2	524.7
57.5°	466.2	463.1	461.6	461.6	466.2	464.7	466.2	466.2	472.4	475.5	477.0
60°	412.4	412.4	410.8	401.6	401.6	400.1	404.7	407.8	410.8	424.7	423.1
62.5°	357.0	350.8	344.7	346.2	337.0	341.6	338.5	341.6	350.8	361.6	363.1
65°	301.6	297.0	290.8	289.3	286.2	290.8	289.3	290.8	295.4	301.6	309.3
67.5°	252.3	250.8	247.7	246.2	246.2	246.2	249.3	249.3	250.8	255.4	260.0
70°	215.4	213.9	215.4	212.3	213.9	212.3	213.9	215.4	217.0	218.5	223.1
72.5°	181.6	181.6	181.6	178.5	181.6	180.0	180.0	181.6	183.1	184.6	187.7
75°	144.6	141.6	138.5	135.4	133.9	136.9	138.5	136.9	141.6	147.7	147.7
77.5°	109.2	107.7	107.7	107.7	109.2	107.7	110.8	109.2	110.8	110.8	113.9
80°	84.6	83.1	84.6	84.6	83.1	86.2	84.6	84.6	86.2	87.7	86.2
82.5°	61.5	63.1	61.5	61.5	61.5	64.6	61.5	61.5	61.5	63.1	63.1
85°	38.5	38.5	38.5	38.5	40.0	38.5	40.0	38.5	41.5	40.0	40.0
87.5°	13.8	15.4	16.9	16.9	16.9	16.9	15.4	16.9	18.5	16.9	18.5
90°	27.7	27.9	28.3	28.8	29.2	29.6	29.2	28.8	28.3	27.9	27.7
92.5°	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7
95°	27.7	27.8	28.0	28.3	28.5	28.7	28.5	28.3	28.0	27.8	27.7
97.5°	26.7	26.8	27.0	27.3	27.5	27.7	27.5	27.3	27.0	26.8	26.7
100°	26.7	26.8	27.0	27.3	27.5	27.7	27.5	27.3	27.0	26.8	26.7
102.5°	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7
105°	317.1	313.2	305.3	297.4	289.5	281.6	289.5	297.4	305.3	313.2	317.1
107.5°	376.4	376.8	377.7	378.6	379.5	380.4	379.5	378.6	377.7	376.8	376.4
110°	437.7	438.0	438.7	439.3	440.0	440.6	440.0	439.3	438.7	438.0	437.7

TEST NUMBER: P1032893

CATALOG NUMBER: S124RDIW-B1195D1050UB2750-4F0-XX-W2A-A_5000K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
112.5°	496.9	497.3	498.2	499.1	500.0	500.9	500.0	499.1	498.2	497.3	496.9
115°	559.2	559.2	559.2	559.2	559.2	559.2	559.2	559.2	559.2	559.2	559.2
117.5°	619.4	619.4	619.4	619.4	619.4	619.4	619.4	619.4	619.4	619.4	619.4
120°	677.7	677.5	677.1	676.6	676.2	675.8	676.2	676.6	677.1	677.5	677.7
122.5°	733.1	732.9	732.4	732.0	731.5	731.1	731.5	732.0	732.4	732.9	733.1
125°	785.4	785.5	785.7	786.0	786.2	786.4	786.2	786.0	785.7	785.5	785.4
127.5°	835.8	835.7	835.5	835.2	835.0	834.8	835.0	835.2	835.5	835.7	835.8
130°	884.2	884.2	884.2	884.2	884.2	884.2	884.2	884.2	884.2	884.2	884.2
132.5°	930.6	930.5	930.3	930.1	929.9	929.7	929.9	930.1	930.3	930.5	930.6
135°	973.1	973.3	973.8	974.2	974.7	975.1	974.7	974.2	973.8	973.3	973.1
137.5°	1014.6	1014.5	1014.3	1014.0	1013.8	1013.6	1013.8	1014.0	1014.3	1014.5	1014.6
140°	1053.1	1053.2	1053.4	1053.7	1053.9	1054.1	1053.9	1053.7	1053.4	1053.2	1053.1
142.5°	1087.7	1087.7	1087.7	1087.7	1087.7	1087.7	1087.7	1087.7	1087.7	1087.7	1087.7
145°	1120.3	1120.5	1121.0	1121.4	1121.9	1122.3	1121.9	1121.4	1121.0	1120.5	1120.3
147.5°	1150.0	1150.1	1150.3	1150.6	1150.8	1151.0	1150.8	1150.6	1150.3	1150.1	1150.0
150°	1177.6	1177.7	1177.9	1178.2	1178.4	1178.6	1178.4	1178.2	1177.9	1177.7	1177.6
152.5°	1203.3	1203.2	1203.0	1202.7	1202.5	1202.3	1202.5	1202.7	1203.0	1203.2	1203.3
155°	1226.0	1225.7	1225.0	1224.4	1223.7	1223.1	1223.7	1224.4	1225.0	1225.7	1226.0
157.5°	1245.8	1245.3	1244.2	1243.1	1242.0	1240.9	1242.0	1243.1	1244.2	1245.3	1245.8
160°	1264.6	1263.9	1262.6	1261.3	1259.9	1258.6	1259.9	1261.3	1262.6	1263.9	1264.6
162.5°	1279.4	1278.6	1277.1	1275.6	1274.0	1272.5	1274.0	1275.6	1277.1	1278.6	1279.4
165°	1294.2	1293.2	1291.2	1289.3	1287.3	1285.3	1287.3	1289.3	1291.2	1293.2	1294.2
167.5°	1305.1	1304.0	1301.8	1299.6	1297.4	1295.2	1297.4	1299.6	1301.8	1304.0	1305.1
170°	1314.0	1312.9	1310.7	1308.5	1306.3	1304.1	1306.3	1308.5	1310.7	1312.9	1314.0
172.5°	1319.9	1318.7	1316.3	1313.8	1311.4	1309.0	1311.4	1313.8	1316.3	1318.7	1319.9
175°	1324.8	1323.5	1320.9	1318.2	1315.6	1313.0	1315.6	1318.2	1320.9	1323.5	1324.8
177.5°	1326.8	1325.5	1322.9	1320.2	1317.6	1315.0	1317.6	1320.2	1322.9	1325.5	1326.8
180°	1320.9	1320.9	1320.9	1320.9	1320.9	1320.9	1320.9	1320.9	1320.9	1320.9	1320.9

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CATALOG NUMBER: S124RDIW-B1195D1050UB2750-4F0-XX-W2A-A_5000K

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
0°	1909.5	1909.5	1909.5	1909.5	1909.5	1909.5	1909.5	1909.5	1909.5	1909.5	1909.5
2.5°	1808.0	1815.6	1812.6	1801.8	1806.4	1815.6	1824.9	1837.2	1844.9	1851.0	1854.1
5°	1701.8	1715.6	1712.6	1712.6	1718.7	1734.1	1749.5	1775.6	1784.9	1795.6	1811.0
7.5°	1607.9	1618.7	1627.9	1631.0	1640.2	1660.2	1680.2	1709.5	1732.6	1744.9	1754.1
10°	1524.8	1532.5	1546.4	1554.1	1563.3	1587.9	1617.2	1647.9	1671.0	1692.5	1704.9
12.5°	1418.7	1449.4	1467.9	1480.2	1492.5	1529.4	1552.5	1586.4	1614.1	1634.1	1652.5
15°	1300.2	1337.1	1347.9	1395.6	1426.4	1455.6	1491.0	1531.0	1557.1	1580.2	1604.8
17.5°	1200.2	1226.3	1238.6	1289.4	1315.6	1361.7	1412.5	1463.3	1503.3	1520.2	1544.8
20°	1137.1	1150.9	1175.6	1192.5	1220.2	1274.0	1329.4	1391.0	1451.0	1467.9	1492.5
22.5°	1072.5	1090.9	1107.9	1130.9	1152.5	1189.4	1244.8	1312.5	1377.1	1407.9	1437.1
25°	1014.0	1032.5	1043.2	1067.8	1087.8	1124.8	1163.2	1232.5	1309.4	1335.6	1381.7
27.5°	967.8	978.6	997.1	1007.8	1030.9	1064.8	1100.2	1152.5	1227.9	1272.5	1317.1
30°	921.7	929.4	944.8	960.1	977.1	1000.1	1040.1	1090.9	1160.2	1198.6	1243.3
32.5°	875.5	887.8	897.1	907.8	926.3	954.0	981.7	1030.9	1086.3	1129.4	1174.0
35°	837.0	841.7	854.0	866.3	878.6	903.2	932.4	980.1	1029.4	1063.2	1103.2
37.5°	795.5	803.2	812.4	817.0	837.0	852.4	883.2	920.1	978.6	1000.1	1040.1
40°	763.2	761.6	770.9	778.6	787.8	812.4	830.9	870.9	917.1	950.9	975.5
42.5°	723.2	723.2	726.3	735.5	747.8	763.2	784.7	818.6	866.3	890.9	920.1
45°	690.9	686.3	687.8	693.9	701.6	717.0	738.6	767.8	815.5	835.5	866.3
47.5°	652.4	647.8	647.8	653.9	660.1	670.9	687.8	721.6	760.1	786.3	809.3
50°	609.3	610.9	609.3	613.9	617.0	627.8	646.2	673.9	709.3	730.9	757.0
52.5°	569.3	566.2	564.7	567.8	573.9	581.6	601.6	626.2	660.1	681.6	704.7
55°	520.1	523.2	523.2	523.2	532.4	535.5	550.8	575.5	609.3	626.2	647.8
57.5°	475.5	473.9	477.0	475.5	483.1	493.9	506.2	524.7	558.5	575.5	595.5
60°	426.2	427.8	429.3	429.3	435.4	446.2	460.1	477.0	504.7	521.6	540.1
62.5°	366.2	373.9	381.6	384.7	393.9	401.6	410.8	429.3	453.9	466.2	483.1
65°	309.3	320.0	330.8	338.5	344.7	352.4	364.7	381.6	401.6	413.9	430.8
67.5°	260.0	267.7	281.6	289.3	301.6	310.8	318.5	332.4	357.0	361.6	375.4
70°	224.6	227.7	233.9	240.0	253.9	261.6	270.8	284.7	303.1	313.9	321.6
72.5°	189.3	190.8	193.9	200.0	206.2	215.4	226.2	238.5	255.4	260.0	270.8
75°	150.8	160.0	160.0	164.6	169.3	173.9	183.1	195.4	206.2	213.9	220.0
77.5°	112.3	116.9	120.0	127.7	133.9	138.5	144.6	153.9	160.0	166.2	170.8
80°	87.7	89.2	90.8	90.8	93.9	100.0	106.2	112.3	120.0	123.1	127.7
82.5°	64.6	64.6	64.6	67.7	69.2	70.8	70.8	73.9	81.6	84.6	89.2
85°	41.5	41.5	41.5	41.5	43.1	44.6	46.2	47.7	47.7	47.7	50.8
87.5°	16.9	20.0	18.5	20.0	20.0	20.0	20.0	21.5	21.5	23.1	23.1
90°	27.0	25.7	24.4	23.0	21.7	19.9	18.2	16.4	14.7	13.8	12.6
92.5°	26.0	24.7	23.4	22.0	20.7	18.9	17.2	15.4	13.7	12.8	13.0
95°	27.0	25.7	24.4	23.0	21.7	21.5	21.3	21.0	20.8	20.7	24.4
97.5°	26.1	25.0	23.9	22.8	21.7	44.8	67.8	90.9	114.0	125.5	123.1
100°	28.6	32.3	36.0	39.8	43.5	73.8	104.1	134.4	164.7	179.8	177.8
102.5°	53.4	102.8	152.1	201.5	250.9	248.3	245.7	243.0	240.4	239.1	237.8
105°	316.1	314.1	312.2	310.2	308.2	307.1	306.0	304.9	303.8	303.3	302.6
107.5°	375.9	374.8	373.7	372.6	371.5	370.0	368.4	366.9	365.4	364.6	364.3
110°	437.5	437.0	436.6	436.1	435.7	434.4	433.1	431.8	430.5	429.8	429.5

TEST NUMBER: P1032893

CATALOG NUMBER: S124RDIW-B1195D1050UB2750-4F0-XX-W2A-A_5000K

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
112.5°	497.0	497.2	497.5	497.7	497.9	497.5	497.0	496.6	496.1	495.9	495.2
115°	559.0	558.5	558.1	557.6	557.2	557.4	557.6	557.9	558.1	558.2	557.9
117.5°	619.5	619.7	620.0	620.2	620.4	619.8	619.1	618.5	617.8	617.5	617.1
120°	677.5	677.1	676.6	676.2	675.8	676.0	676.2	676.4	676.6	676.7	676.3
122.5°	733.0	732.8	732.5	732.3	732.1	731.7	731.2	730.8	730.3	730.1	729.9
125°	785.1	784.4	783.8	783.1	782.5	782.9	783.3	783.8	784.2	784.4	784.0
127.5°	835.9	836.1	836.4	836.6	836.8	835.7	834.6	833.5	832.4	831.8	831.7
130°	884.1	883.9	883.6	883.4	883.2	882.6	881.9	881.3	880.6	880.3	880.2
132.5°	930.5	930.3	930.1	929.9	929.7	928.8	927.9	927.0	926.1	925.7	925.5
135°	972.9	972.4	972.0	971.5	971.1	970.2	969.4	968.5	967.6	967.2	967.3
137.5°	1014.4	1013.9	1013.5	1013.0	1012.6	1011.5	1010.4	1009.3	1008.2	1007.7	1007.7
140°	1052.8	1052.1	1051.5	1050.8	1050.2	1049.8	1049.3	1048.9	1048.4	1048.2	1048.0
142.5°	1087.5	1087.1	1086.6	1086.2	1085.8	1085.6	1085.4	1085.1	1084.9	1084.8	1084.4
145°	1120.2	1120.0	1119.7	1119.5	1119.3	1119.3	1119.3	1119.3	1119.3	1119.3	1119.0
147.5°	1149.9	1149.7	1149.4	1149.2	1149.0	1149.2	1149.4	1149.7	1149.9	1150.0	1149.3
150°	1177.6	1177.6	1177.6	1177.6	1177.6	1177.8	1178.0	1178.3	1178.5	1178.6	1178.2
152.5°	1203.1	1202.6	1202.2	1201.7	1201.3	1201.7	1202.2	1202.6	1203.1	1203.3	1203.0
155°	1225.6	1224.7	1223.8	1223.0	1222.1	1222.8	1223.4	1224.1	1224.8	1225.1	1225.0
157.5°	1245.3	1244.2	1243.1	1242.0	1240.9	1241.8	1242.6	1243.5	1244.4	1244.8	1244.8
160°	1263.9	1262.6	1261.3	1259.9	1258.6	1258.8	1259.0	1259.3	1259.5	1259.6	1259.9
162.5°	1278.7	1277.4	1276.1	1274.8	1273.5	1273.7	1273.9	1274.1	1274.3	1274.4	1274.8
165°	1293.3	1291.6	1289.8	1288.1	1286.3	1286.3	1286.3	1286.3	1286.3	1286.3	1286.8
167.5°	1304.1	1302.1	1300.2	1298.2	1296.2	1296.4	1296.6	1296.9	1297.1	1297.2	1297.7
170°	1313.1	1311.4	1309.6	1307.9	1306.1	1305.9	1305.7	1305.4	1305.2	1305.1	1305.8
172.5°	1319.0	1317.3	1315.5	1313.8	1312.0	1311.8	1311.6	1311.3	1311.1	1311.0	1311.7
175°	1323.8	1321.8	1319.9	1317.9	1315.9	1315.7	1315.5	1315.3	1315.1	1315.0	1315.7
177.5°	1325.9	1324.2	1322.4	1320.7	1318.9	1318.5	1318.0	1317.6	1317.1	1316.9	1317.7
180°	1320.9	1320.9	1320.9	1320.9	1320.9	1320.9	1320.9	1320.9	1320.9	1320.9	1320.9

TEST NUMBER: P1032893

CATALOG NUMBER: S124RDIW-B1195D1050UB2750-4F0-XX-W2A-A_5000K

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
0°	1909.5	1909.5	1909.5	1909.5
2.5°	1866.4	1875.7	1891.0	1912.6
5°	1823.3	1849.5	1874.1	1906.4
7.5°	1784.9	1815.6	1849.5	1895.7
10°	1740.2	1778.7	1821.8	1878.7
12.5°	1687.9	1741.8	1791.0	1852.6
15°	1649.5	1689.5	1752.6	1824.9
17.5°	1595.6	1649.5	1712.6	1794.1
20°	1544.8	1601.8	1672.5	1757.2
22.5°	1491.0	1555.6	1626.4	1717.2
25°	1435.6	1504.8	1575.6	1672.5
27.5°	1384.8	1447.9	1527.9	1626.4
30°	1323.3	1395.6	1472.5	1575.6
32.5°	1263.3	1338.7	1417.1	1520.2
35°	1198.6	1274.0	1360.2	1458.7
37.5°	1135.5	1218.6	1297.1	1392.5
40°	1066.3	1152.5	1234.0	1331.0
42.5°	998.6	1087.8	1169.4	1252.5
45°	935.5	1023.2	1097.1	1175.6
47.5°	875.5	954.0	1029.4	1100.2
50°	817.0	883.2	952.4	1010.9
52.5°	755.5	818.6	874.0	926.3
55°	700.1	749.3	798.6	846.3
57.5°	633.9	683.2	726.3	763.2
60°	578.5	609.3	650.9	689.3
62.5°	515.5	550.8	583.2	607.8
65°	453.9	484.7	509.3	530.8
67.5°	401.6	420.1	438.5	461.6
70°	338.5	353.9	375.4	392.4
72.5°	284.7	297.0	307.7	327.7
75°	230.8	241.6	247.7	266.2
77.5°	178.5	189.3	193.9	204.6
80°	136.9	138.5	144.6	153.9
82.5°	93.9	96.9	98.5	106.2
85°	53.9	61.5	60.0	63.1
87.5°	23.1	24.6	27.7	30.8
90°	10.2	7.8	5.4	3.0
92.5°	13.5	13.9	14.4	14.8
95°	31.9	39.4	46.8	54.3
97.5°	118.2	113.4	108.5	103.7
100°	173.9	169.9	166.0	162.0
102.5°	235.1	232.5	229.8	227.2
105°	301.3	300.0	298.7	297.4
107.5°	363.6	362.9	362.3	361.6
110°	428.8	428.1	427.5	426.8



TEST NUMBER: P1032893

CATALOG NUMBER: S124RDIW-B1195D1050UB2750-4F0-XX-W2A-A_5000K

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
112.5°	493.9	492.6	491.3	490.0
115°	557.2	556.5	555.9	555.2
117.5°	616.2	615.3	614.4	613.5
120°	675.4	674.5	673.7	672.8
122.5°	729.4	729.0	728.5	728.1
125°	783.1	782.2	781.4	780.5
127.5°	831.5	831.3	831.1	830.9
130°	880.0	879.7	879.5	879.3
132.5°	925.0	924.6	924.1	923.7
135°	967.5	967.8	968.0	968.2
137.5°	1007.7	1007.7	1007.7	1007.7
140°	1047.5	1047.1	1046.6	1046.2
142.5°	1083.5	1082.6	1081.7	1080.8
145°	1118.3	1117.7	1117.0	1116.4
147.5°	1148.0	1146.7	1145.3	1144.0
150°	1177.3	1176.4	1175.6	1174.7
152.5°	1202.3	1201.7	1201.0	1200.4
155°	1224.8	1224.5	1224.3	1224.1
157.5°	1244.8	1244.8	1244.8	1244.8
160°	1260.6	1261.3	1261.9	1262.6
162.5°	1275.7	1276.6	1277.5	1278.4
165°	1287.9	1289.0	1290.1	1291.2
167.5°	1298.8	1299.9	1301.0	1302.1
170°	1307.1	1308.4	1309.7	1311.0
172.5°	1313.0	1314.3	1315.6	1316.9
175°	1317.0	1318.3	1319.6	1320.9
177.5°	1319.2	1320.7	1322.3	1323.8
180°	1320.9	1320.9	1320.9	1320.9

(END OF REPORT)