

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: P1032540

Luminaire Tested: S124DIW-B1195D1050UB2750-4F0-XX-W2A-A_2700K

Issue Date: 5/7/2025

Test Information

Test Method: LM-79-2019
Report Number: P1032540
REPORT IS A COMBINATION OF REPORTS P996960 AND P1007351
Test Lab: INNOVATION CENTER
Issue Date: 5/7/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: NEO-RAY
Catalog Number: S124DIW-B1195D1050UB2750-4F0-XX-W2A-A_2700K
Description: Define 4 Direct/Indirect Wall Mount with 2700K BioUP LEDs {m-DER=0.473} {m-EER=0.52}
Light Source: -
Ballast/Driver: -

Summary

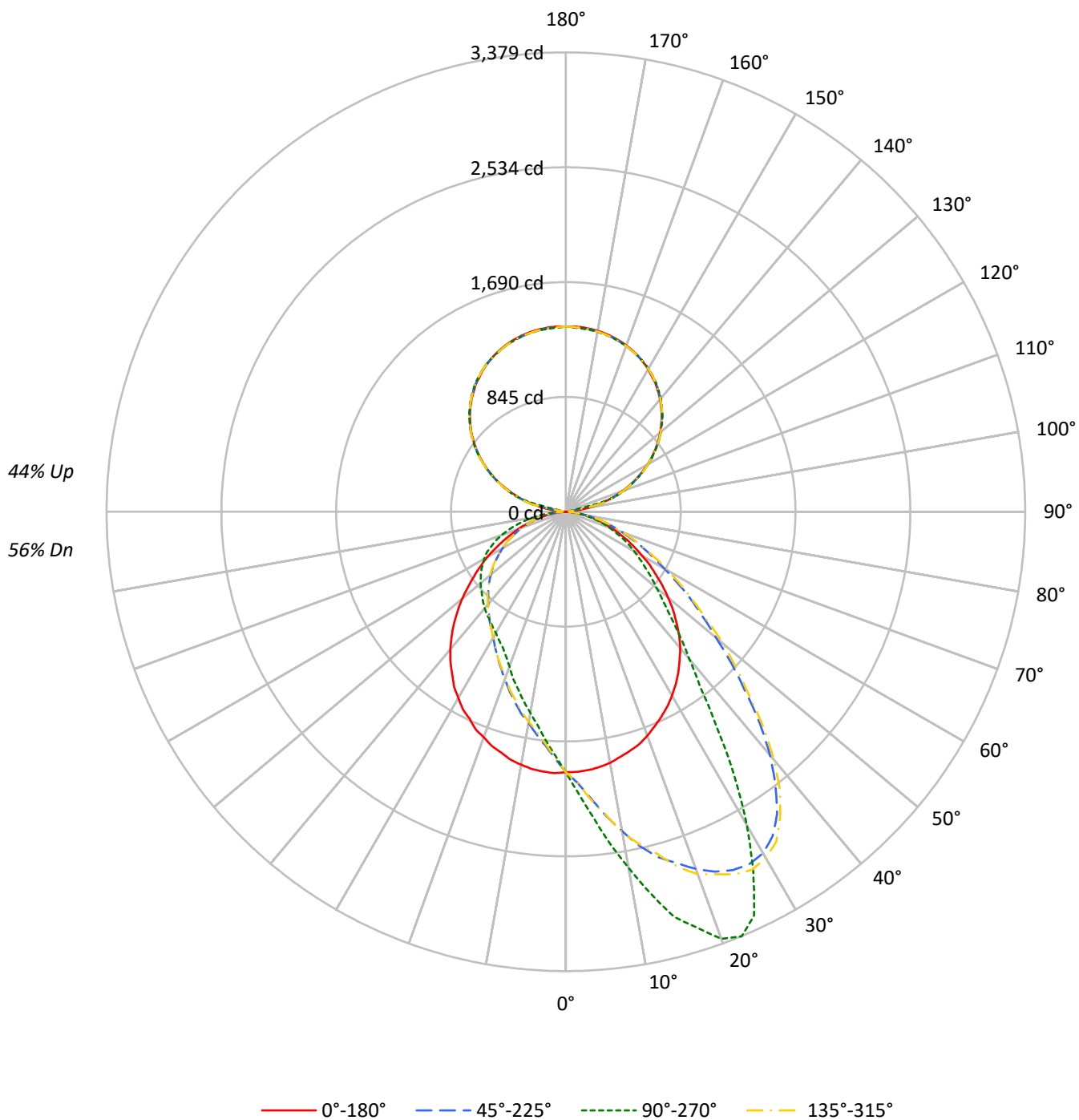
Lumens per Lamp: N/A
Luminaire Lumens: 9501.0 lumens
Efficiency: N/A
Efficacy: 102.4 lumens/watt
Spacing Criteria (0/90/45): 1.22 / 1.3 / 1.41
Luminous Opening: Rectangular w/ Sides (W: 0.33' x L: 4' x H: 0.1')
CIE Type: General Diffuse

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				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	101	101	101	101	86	86	86	73	73	73	61	61	61
1	99	95	91	88	92	88	85	82	76	74	72	65	63	62	55	53	52
2	91	83	77	72	84	78	72	68	67	63	60	57	54	52	48	46	44
3	83	73	66	60	77	69	62	57	59	55	50	51	47	44	43	40	38
4	76	65	57	51	70	61	54	49	53	48	43	46	41	38	39	36	33
5	70	58	50	44	65	55	47	42	48	42	37	41	37	33	35	32	29
6	64	52	44	38	60	49	42	37	43	37	33	37	33	29	32	28	26
7	60	47	39	34	55	44	37	32	39	33	29	34	29	26	29	26	23
8	55	43	35	30	51	40	33	29	36	30	26	31	26	23	27	23	21
9	52	39	32	27	48	37	30	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°	15615	15615	15615	15615
5°	15576	17914	15667	13460
10°	15459	20900	15577	11809
15°	15273	24094	15380	10567
20°	15076	26126	15185	9474
25°	14787	25827	14928	8667
30°	14505	21347	14681	8251
35°	14109	15908	14264	8000
40°	13647	11984	13778	7877
45°	12941	9618	13102	7709
50°	12097	8103	12274	7630
55°	11106	7052	11281	7540
60°	10144	6211	10441	7415
65°	9239	5343	9327	7106
70°	8177	4396	8353	6543
75°	7132	3378	7086	5559
80°	5610	2220	5548	4220
85°	3697	998	3464	2461

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 145°

Vertical Angle: 45°

Luminance: 20191 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	186.4	2.0
10°-20°	575.2	6.1
20°-30°	913.8	9.6
30°-40°	1015.4	10.7
40°-50°	923.4	9.7
50°-60°	754.6	7.9
60°-70°	538.6	5.7
70°-80°	296.4	3.1
80°-90°	82.9	0.9
90°-100°	45.2	0.5
100°-110°	297.7	3.1
110°-120°	568.5	6.0
120°-130°	721.7	7.6
130°-140°	772.1	8.1
140°-150°	721.9	7.6
150°-160°	582.2	6.1
160°-170°	375.5	4.0
170°-180°	129.4	1.4
0°-30°	1675.4	17.6
0°-40°	2690.8	28.3
0°-60°	4368.8	46.0
0°-90°	5286.8	55.6
90°-120°	911.4	9.6
90°-150°	3127.1	32.9
90°-180°	4214.0	44.4
0°-180°	9501.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1915	1915	1915	1915	1915	
5°	1907	2246	1918	1688	1907	181
15°	1821	3086	1834	1353	1821	514
25°	1663	3276	1678	1099	1663	766
35°	1442	1937	1458	974	1442	901
45°	1150	1087	1164	871	1150	887
55°	809	711	822	760	809	728
65°	504	457	509	608	504	498
75°	248	228	246	376	248	260
85°	51	48	48	117	51	59
90°	3	31	3	31	3	6
95°	56	30	56	30	56	69
105°	307	290	307	290	307	321
115°	572	576	572	576	572	563
125°	805	811	805	811	805	719
135°	998	1005	998	1005	998	769
145°	1151	1157	1151	1157	1151	719
155°	1262	1261	1262	1261	1262	582
165°	1331	1325	1331	1325	1331	376
175°	1362	1354	1362	1354	1362	130
180°	1362	1362	1362	1362	1362	

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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	1914.9	1914.9	1914.9	1914.9	1914.9	1914.9	1914.9	1914.9	1914.9	1914.9	1914.9
2.5°	1914.9	1933.9	1941.9	1948.2	1968.8	1975.2	1976.8	1986.3	1994.2	1995.8	1995.8
5°	1907.0	1937.1	1960.9	1983.1	2016.4	2030.7	2048.2	2067.2	2092.6	2108.4	2116.4
7.5°	1894.3	1938.7	1975.2	2013.3	2059.3	2087.8	2103.7	2154.4	2189.4	2217.9	2252.8
10°	1875.2	1932.3	1984.7	2040.2	2105.3	2140.2	2175.1	2236.9	2286.1	2341.7	2386.1
12.5°	1846.7	1921.2	1984.7	2062.4	2143.3	2184.6	2225.8	2333.7	2390.8	2440.0	2519.3
15°	1821.3	1895.9	1986.3	2065.6	2165.6	2227.4	2287.7	2357.5	2447.9	2554.2	2630.4
17.5°	1792.7	1886.3	1970.4	2081.5	2192.5	2251.2	2300.4	2408.3	2535.2	2639.9	2709.7
20°	1753.1	1848.3	1959.3	2076.7	2208.4	2254.4	2319.4	2463.8	2578.0	2681.2	2795.4
22.5°	1707.1	1818.1	1935.5	2048.2	2184.6	2281.4	2352.8	2479.7	2617.7	2736.7	2865.2
25°	1662.6	1783.2	1886.3	2040.2	2184.6	2249.6	2330.5	2481.3	2632.0	2776.4	2908.0
27.5°	1615.0	1727.7	1867.3	1989.5	2152.9	2224.3	2311.5	2476.5	2636.7	2781.1	2922.3
30°	1562.7	1683.3	1799.1	1943.4	2102.1	2194.1	2275.0	2454.3	2617.7	2768.4	2900.1
32.5°	1504.0	1618.2	1742.0	1878.4	2045.0	2138.6	2240.1	2424.2	2598.7	2728.8	2830.3
35°	1442.1	1557.9	1665.8	1805.4	1976.8	2070.4	2168.7	2371.8	2544.7	2651.0	2709.7
37.5°	1373.9	1483.4	1589.7	1727.7	1899.0	1999.0	2098.9	2295.6	2459.1	2547.9	2532.0
40°	1308.9	1407.2	1505.6	1635.7	1814.9	1921.2	2008.5	2206.8	2349.6	2387.7	2335.3
42.5°	1234.3	1318.4	1413.6	1546.8	1721.3	1821.3	1930.8	2111.6	2217.9	2202.0	2113.2
45°	1150.2	1224.8	1320.0	1445.3	1623.0	1726.1	1818.1	1989.5	2067.2	2027.5	1865.7
47.5°	1069.3	1142.3	1220.0	1345.3	1518.3	1605.5	1699.1	1853.0	1897.4	1813.4	1651.5
50°	982.0	1042.3	1123.2	1242.2	1404.0	1496.1	1573.8	1697.5	1713.4	1610.3	1442.1
52.5°	898.0	948.7	1026.5	1143.9	1294.6	1367.6	1443.7	1553.2	1540.5	1434.2	1272.4
55°	809.1	856.7	928.1	1036.0	1169.2	1239.0	1304.1	1400.9	1373.9	1264.4	1123.2
57.5°	734.5	767.9	837.7	937.6	1047.1	1123.2	1178.8	1254.9	1213.7	1104.2	972.5
60°	648.9	690.1	748.8	829.7	937.6	988.4	1037.6	1088.3	1059.8	955.1	837.7
62.5°	571.1	602.9	653.6	731.4	815.5	861.5	913.8	945.5	917.0	820.2	721.9
65°	504.5	529.9	569.5	633.0	713.9	752.0	782.1	812.3	788.5	698.1	626.7
67.5°	431.5	453.7	487.1	537.8	606.0	633.0	661.6	682.2	655.2	594.9	525.1
70°	366.5	382.3	414.1	452.1	499.7	525.1	548.9	569.5	545.8	495.0	442.6
72.5°	299.8	312.5	341.1	368.1	410.9	428.4	445.8	461.7	453.7	406.1	363.3
75°	247.5	252.3	271.3	293.5	320.5	339.5	352.2	361.7	355.4	317.3	290.3
77.5°	187.2	193.6	207.8	225.3	249.1	260.2	268.1	277.6	269.7	239.6	220.5
80°	136.4	138.0	146.0	161.8	177.7	179.3	187.2	199.9	195.1	174.5	160.2
82.5°	87.3	92.0	95.2	104.7	115.8	119.0	123.7	126.9	125.3	112.6	107.9
85°	50.8	50.8	53.9	60.3	63.5	68.2	69.8	71.4	74.6	66.6	61.9
87.5°	22.2	23.8	23.8	25.4	28.6	28.6	30.1	31.7	33.3	31.7	27.0
90°	3.1	5.6	8.1	10.6	13.1	14.3	15.2	17.0	18.8	20.6	22.4
92.5°	15.3	14.8	14.4	13.9	13.4	13.2	14.1	15.9	17.8	19.6	21.4
95°	56.0	48.3	40.6	32.9	25.2	21.4	21.5	21.7	22.0	22.2	22.4
97.5°	107.0	112.0	117.0	121.9	126.9	129.4	117.5	93.7	70.0	46.2	22.4
100°	167.1	171.2	175.2	179.3	183.4	185.4	169.8	138.5	107.3	76.0	44.8
102.5°	234.3	237.0	239.7	242.4	245.1	246.5	247.9	250.6	253.3	256.0	258.7
105°	306.6	308.0	309.3	310.7	312.0	312.7	313.3	314.4	315.5	316.7	317.8
107.5°	372.8	373.5	374.2	374.9	375.6	375.9	376.7	378.3	379.8	381.4	383.0
110°	440.0	440.7	441.4	442.1	442.8	443.1	443.8	445.1	446.5	447.8	449.2



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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	505.2	506.6	507.9	509.3	510.6	511.3	511.5	512.0	512.5	512.9	513.4
115°	572.5	573.2	573.8	574.5	575.2	575.5	575.4	575.2	574.9	574.7	574.5
117.5°	632.6	633.5	634.4	635.3	636.2	636.6	636.9	637.6	638.3	639.0	639.7
120°	693.7	694.6	695.5	696.4	697.3	697.8	697.7	697.4	697.2	696.9	696.7
122.5°	750.7	751.2	751.6	752.1	752.6	752.8	753.0	753.5	753.9	754.4	754.8
125°	804.7	805.6	806.5	807.4	808.3	808.8	808.6	808.1	807.6	807.2	806.7
127.5°	856.7	856.9	857.1	857.4	857.6	857.7	858.3	859.4	860.5	861.7	862.8
130°	906.6	906.8	907.0	907.3	907.5	907.6	907.9	908.6	909.3	909.9	910.6
132.5°	952.4	952.8	953.3	953.7	954.2	954.4	954.9	955.8	956.7	957.6	958.5
135°	998.2	998.0	997.8	997.5	997.3	997.2	997.7	998.6	999.5	1000.4	1001.3
137.5°	1039.0	1039.0	1039.0	1039.0	1039.0	1039.0	1039.6	1040.7	1041.8	1043.0	1044.1
140°	1078.7	1079.2	1079.6	1080.1	1080.6	1080.8	1081.0	1081.5	1081.9	1082.4	1082.8
142.5°	1114.4	1115.3	1116.2	1117.1	1118.0	1118.4	1118.5	1118.8	1119.0	1119.3	1119.5
145°	1151.0	1151.7	1152.4	1153.1	1153.8	1154.1	1154.1	1154.1	1154.1	1154.1	1154.1
147.5°	1179.6	1181.0	1182.3	1183.7	1185.0	1185.7	1185.6	1185.4	1185.1	1184.9	1184.7
150°	1211.1	1212.0	1212.9	1213.8	1214.7	1215.2	1215.1	1214.9	1214.6	1214.4	1214.2
152.5°	1237.6	1238.3	1239.0	1239.7	1240.4	1240.7	1240.5	1240.0	1239.5	1239.1	1238.6
155°	1262.1	1262.3	1262.5	1262.8	1263.0	1263.1	1262.8	1262.1	1261.4	1260.7	1260.0
157.5°	1283.5	1283.5	1283.5	1283.5	1283.5	1283.5	1283.0	1282.1	1281.2	1280.3	1279.4
160°	1301.8	1301.1	1300.4	1299.7	1299.0	1298.7	1298.6	1298.4	1298.1	1297.9	1297.7
162.5°	1318.1	1317.2	1316.3	1315.4	1314.5	1314.0	1313.9	1313.7	1313.4	1313.2	1313.0
165°	1331.3	1330.2	1329.0	1327.9	1326.8	1326.2	1326.2	1326.2	1326.2	1326.2	1326.2
167.5°	1342.5	1341.4	1340.2	1339.1	1338.0	1337.4	1337.3	1337.1	1336.8	1336.6	1336.4
170°	1351.7	1350.3	1349.0	1347.6	1346.3	1345.6	1345.7	1345.9	1346.2	1346.4	1346.6
172.5°	1357.8	1356.4	1355.1	1353.7	1352.4	1351.7	1351.8	1352.0	1352.3	1352.5	1352.7
175°	1361.9	1360.5	1359.2	1357.8	1356.5	1355.8	1355.9	1356.1	1356.4	1356.6	1356.8
177.5°	1365.0	1363.4	1361.8	1360.2	1358.6	1357.8	1358.0	1358.5	1359.0	1359.4	1359.9
180°	1361.9	1361.9	1361.9	1361.9	1361.9	1361.9	1361.9	1361.9	1361.9	1361.9	1361.9

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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	1914.9	1914.9	1914.9	1914.9	1914.9	1914.9	1914.9	1914.9	1914.9	1914.9	1914.9
2.5°	2000.6	2029.1	2041.8	2045.0	2062.4	2051.3	2056.1	2054.5	2067.2	2068.8	2068.8
5°	2146.5	2179.8	2190.9	2206.8	2230.6	2236.9	2232.2	2241.7	2259.2	2246.5	2265.5
7.5°	2300.4	2336.9	2362.3	2397.2	2405.1	2425.7	2438.4	2449.5	2452.7	2454.3	2457.5
10°	2443.2	2489.2	2524.1	2582.8	2595.5	2606.6	2662.1	2639.9	2668.5	2659.0	2662.1
12.5°	2559.0	2649.4	2678.0	2776.4	2785.9	2823.9	2820.8	2855.7	2862.0	2874.7	2862.0
15°	2711.3	2816.0	2862.0	2917.5	2949.3	2993.7	3001.6	3049.2	3068.3	3085.7	3068.3
17.5°	2850.9	2906.4	3023.8	3068.3	3088.9	3112.7	3173.0	3190.4	3219.0	3207.9	3239.6
20°	2920.7	3000.0	3123.8	3199.9	3231.7	3253.9	3304.7	3331.6	3342.7	3342.7	3345.9
22.5°	2982.6	3096.8	3188.8	3276.1	3304.7	3320.5	3350.7	3371.3	3376.0	3379.2	3382.4
25°	3038.1	3141.2	3215.8	3265.0	3276.1	3276.1	3293.5	3280.9	3260.2	3276.1	3285.6
27.5°	3038.1	3111.1	3144.4	3161.9	3161.9	3119.0	3093.6	3041.3	2996.9	2984.2	3012.7
30°	2987.4	3020.7	2974.7	2931.8	2898.5	2870.0	2770.0	2690.7	2674.8	2663.7	2706.5
32.5°	2870.0	2827.1	2736.7	2612.9	2563.8	2498.7	2421.0	2360.7	2324.2	2311.5	2302.0
35°	2662.1	2551.1	2433.7	2267.1	2232.2	2149.7	2043.4	1999.0	1938.7	1937.1	1957.7
37.5°	2435.3	2263.9	2137.0	1978.3	1929.2	1841.9	1742.0	1696.0	1654.7	1623.0	1661.1
40°	2170.3	2021.2	1827.6	1697.5	1627.7	1581.7	1497.6	1446.9	1427.8	1412.0	1435.8
42.5°	1922.8	1759.4	1608.7	1475.4	1418.3	1366.0	1310.4	1261.3	1247.0	1245.4	1262.8
45°	1676.9	1516.7	1377.1	1262.8	1226.4	1194.6	1140.7	1126.4	1102.6	1086.7	1094.7
47.5°	1480.2	1315.2	1199.4	1112.1	1080.4	1053.4	1018.5	994.7	974.1	967.8	977.3
50°	1286.6	1175.6	1056.6	983.6	959.8	934.4	907.5	885.3	875.7	869.4	875.7
52.5°	1131.2	1012.2	931.3	872.6	848.8	829.7	810.7	801.2	788.5	791.7	798.0
55°	991.6	886.8	818.6	775.8	761.5	753.6	729.8	718.7	713.9	710.7	713.9
57.5°	859.9	783.7	733.0	696.5	677.4	672.7	653.6	653.6	648.9	644.1	645.7
60°	755.2	690.1	640.9	612.4	609.2	601.3	588.6	587.0	575.9	580.7	582.2
62.5°	648.9	596.5	563.2	545.8	534.6	531.5	523.5	522.0	517.2	518.8	515.6
65°	564.8	522.0	488.6	474.4	469.6	468.0	461.7	456.9	453.7	456.9	453.7
67.5°	480.7	452.1	426.8	412.5	406.1	404.6	399.8	396.6	398.2	393.4	396.6
70°	401.4	372.8	357.0	349.0	345.9	341.1	341.1	341.1	341.1	337.9	336.3
72.5°	337.9	309.4	298.3	293.5	290.3	288.7	284.0	285.6	284.0	282.4	288.7
75°	268.1	250.7	239.6	234.8	238.0	233.2	228.5	231.6	226.9	228.5	234.8
77.5°	203.1	195.1	188.8	185.6	182.4	179.3	179.3	176.1	176.1	176.1	176.1
80°	147.5	146.0	134.9	133.3	133.3	130.1	130.1	130.1	130.1	128.5	130.1
82.5°	98.4	96.8	93.6	92.0	88.8	90.4	90.4	87.3	87.3	85.7	87.3
85°	57.1	57.1	53.9	52.4	50.8	52.4	49.2	47.6	49.2	47.6	49.2
87.5°	27.0	23.8	25.4	23.8	20.6	22.2	19.0	20.6	19.0	17.5	20.6
90°	23.8	25.1	26.5	27.8	28.5	28.7	29.2	29.7	30.1	30.6	30.1
92.5°	22.8	24.1	25.5	26.8	27.5	27.5	27.5	27.5	27.5	27.5	27.5
95°	23.8	25.1	26.5	27.8	28.5	28.6	28.8	29.1	29.3	29.5	29.3
97.5°	23.5	24.7	25.8	26.9	27.5	27.6	27.8	28.1	28.3	28.5	28.3
100°	41.0	37.1	33.3	29.4	27.5	27.6	27.8	28.1	28.3	28.5	28.3
102.5°	207.8	156.8	105.9	55.0	29.5	29.5	29.5	29.5	29.5	29.5	29.5
105°	319.8	321.9	323.9	326.0	327.0	322.9	314.8	306.6	298.5	290.3	298.5
107.5°	384.1	385.3	386.4	387.5	388.1	388.6	389.5	390.4	391.3	392.2	391.3
110°	449.6	450.1	450.5	451.0	451.2	451.5	452.2	452.9	453.6	454.3	453.6

TEST NUMBER: P1032540

CATALOG NUMBER: S124DIW-B1195D1050UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	513.2	513.0	512.7	512.5	512.4	512.8	513.7	514.6	515.5	516.4	515.5
115°	574.9	575.4	575.8	576.3	576.5	576.5	576.5	576.5	576.5	576.5	576.5
117.5°	639.5	639.3	639.0	638.8	638.7	638.7	638.7	638.7	638.7	638.7	638.7
120°	697.2	697.6	698.1	698.6	698.8	698.6	698.1	697.6	697.2	696.7	697.2
122.5°	755.0	755.2	755.5	755.7	755.8	755.6	755.1	754.7	754.2	753.8	754.2
125°	807.4	808.1	808.8	809.5	809.8	809.9	810.1	810.4	810.6	810.8	810.6
127.5°	862.6	862.4	862.1	861.9	861.8	861.7	861.4	861.2	860.9	860.7	860.9
130°	910.8	911.1	911.3	911.6	911.7	911.7	911.7	911.7	911.7	911.7	911.7
132.5°	958.7	958.9	959.2	959.4	959.5	959.4	959.2	958.9	958.7	958.5	958.7
135°	1001.7	1002.2	1002.6	1003.1	1003.3	1003.5	1004.0	1004.5	1004.9	1005.4	1004.9
137.5°	1044.5	1045.0	1045.4	1045.9	1046.1	1046.0	1045.8	1045.5	1045.3	1045.1	1045.3
140°	1083.5	1084.2	1084.9	1085.6	1085.9	1086.0	1086.2	1086.5	1086.7	1086.9	1086.7
142.5°	1119.9	1120.4	1120.8	1121.3	1121.5	1121.5	1121.5	1121.5	1121.5	1121.5	1121.5
145°	1154.3	1154.5	1154.8	1155.0	1155.1	1155.3	1155.8	1156.3	1156.7	1157.2	1156.7
147.5°	1184.9	1185.1	1185.4	1185.6	1185.7	1185.8	1186.0	1186.3	1186.5	1186.7	1186.5
150°	1214.2	1214.2	1214.2	1214.2	1214.2	1214.3	1214.5	1214.8	1215.0	1215.2	1215.0
152.5°	1239.1	1239.5	1240.0	1240.5	1240.7	1240.6	1240.4	1240.1	1239.9	1239.7	1239.9
155°	1260.9	1261.8	1262.7	1263.6	1264.1	1263.8	1263.1	1262.4	1261.8	1261.1	1261.8
157.5°	1280.5	1281.7	1282.8	1283.9	1284.5	1283.9	1282.8	1281.7	1280.5	1279.4	1280.5
160°	1299.1	1300.4	1301.8	1303.1	1303.8	1303.1	1301.8	1300.4	1299.1	1297.7	1299.1
162.5°	1314.4	1315.7	1317.1	1318.4	1319.1	1318.3	1316.7	1315.2	1313.6	1312.0	1313.6
165°	1328.0	1329.8	1331.7	1333.5	1334.4	1333.4	1331.3	1329.3	1327.2	1325.2	1327.2
167.5°	1338.4	1340.5	1342.5	1344.6	1345.6	1344.5	1342.2	1339.9	1337.7	1335.4	1337.7
170°	1348.4	1350.2	1352.1	1353.9	1354.8	1353.7	1351.4	1349.1	1346.9	1344.6	1346.9
172.5°	1354.5	1356.3	1358.2	1360.0	1360.9	1359.7	1357.2	1354.7	1352.2	1349.7	1352.2
175°	1358.8	1360.9	1362.9	1365.0	1366.0	1364.6	1361.9	1359.2	1356.4	1353.7	1356.4
177.5°	1361.7	1363.5	1365.3	1367.1	1368.0	1366.6	1363.9	1361.2	1358.5	1355.8	1358.5
180°	1361.9	1361.9	1361.9	1361.9	1361.9	1361.9	1361.9	1361.9	1361.9	1361.9	1361.9

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CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	1914.9	1914.9	1914.9	1914.9	1914.9	1914.9	1914.9	1914.9	1914.9	1914.9	1914.9
2.5°	2065.6	2060.8	2054.5	2054.5	2046.6	2046.6	2033.9	2011.7	1992.6	1986.3	1989.5
5°	2241.7	2243.3	2233.8	2225.8	2211.6	2200.5	2179.8	2140.2	2127.5	2102.1	2084.6
7.5°	2443.2	2436.8	2419.4	2406.7	2403.5	2378.1	2333.7	2286.1	2248.1	2222.7	2186.2
10°	2670.1	2644.7	2619.3	2611.4	2592.3	2549.5	2498.7	2446.4	2394.0	2338.5	2276.6
12.5°	2860.4	2811.3	2809.7	2790.6	2754.1	2730.3	2670.1	2595.5	2505.1	2443.2	2373.4
15°	3065.1	3019.1	2981.0	2946.1	2928.7	2858.8	2808.1	2714.5	2606.6	2540.0	2492.4
17.5°	3211.0	3190.4	3125.4	3109.5	3085.7	3004.8	2923.9	2831.9	2738.3	2644.7	2516.2
20°	3328.4	3315.8	3272.9	3250.7	3212.6	3149.2	3050.8	2944.5	2836.6	2703.4	2582.8
22.5°	3379.2	3363.4	3328.4	3309.4	3285.6	3231.7	3147.6	3027.0	2885.8	2766.8	2638.3
25°	3279.3	3307.8	3298.3	3290.4	3280.9	3249.1	3185.7	3079.4	2941.3	2806.5	2646.3
27.5°	3054.0	3103.2	3150.8	3157.1	3173.0	3185.7	3160.3	3084.1	2968.3	2825.5	2649.4
30°	2751.0	2773.2	2870.0	2898.5	2920.7	3001.6	3049.2	3030.2	2941.3	2812.8	2651.0
32.5°	2362.3	2421.0	2519.3	2587.6	2647.8	2738.3	2862.0	2911.2	2879.5	2774.8	2614.5
35°	1994.2	2064.0	2178.2	2265.5	2325.8	2454.3	2600.3	2706.5	2746.2	2693.9	2551.1
37.5°	1692.8	1776.9	1878.4	1911.7	1981.5	2140.2	2341.7	2489.2	2586.0	2590.7	2479.7
40°	1465.9	1508.7	1589.7	1640.4	1708.6	1841.9	2038.6	2233.8	2379.7	2428.9	2370.2
42.5°	1273.9	1307.3	1367.6	1429.4	1491.3	1592.8	1773.7	1956.1	2152.9	2251.2	2249.6
45°	1121.6	1156.5	1197.8	1248.6	1291.4	1400.9	1543.7	1730.9	1900.6	2052.9	2091.0
47.5°	988.4	1018.5	1069.3	1091.5	1120.1	1223.2	1346.9	1521.4	1697.5	1872.1	1916.5
50°	890.0	915.4	950.3	964.6	996.3	1072.5	1174.0	1315.2	1510.3	1670.6	1753.1
52.5°	801.2	820.2	847.2	858.3	880.5	937.6	1029.6	1140.7	1302.5	1467.5	1583.3
55°	725.0	737.7	756.8	769.4	785.3	836.1	904.3	1004.2	1143.9	1286.6	1399.3
57.5°	653.6	663.2	682.2	688.5	701.2	740.9	788.5	872.6	1001.1	1128.0	1237.5
60°	587.0	593.3	604.5	618.7	628.2	655.2	699.6	769.4	872.6	988.4	1077.2
62.5°	523.5	533.1	536.2	542.6	550.5	575.9	610.8	661.6	752.0	847.2	940.8
65°	458.5	466.4	472.8	474.4	482.3	501.3	533.1	577.5	636.2	718.7	805.9
67.5°	398.2	403.0	406.1	412.5	420.4	429.9	455.3	488.6	542.6	609.2	679.0
70°	342.7	342.7	347.4	349.0	358.5	369.7	380.8	412.5	460.1	514.0	561.6
72.5°	282.4	290.3	288.7	296.7	295.1	303.0	317.3	337.9	372.8	415.7	461.7
75°	230.0	234.8	234.8	234.8	238.0	244.3	252.3	271.3	298.3	333.2	360.1
77.5°	179.3	182.4	182.4	182.4	184.0	190.4	198.3	211.0	230.0	250.7	266.5
80°	128.5	131.7	131.7	134.9	134.9	136.4	144.4	150.7	160.2	176.1	192.0
82.5°	87.3	88.8	92.0	92.0	90.4	93.6	95.2	101.5	111.1	114.2	125.3
85°	47.6	49.2	50.8	50.8	52.4	55.5	53.9	60.3	60.3	66.6	69.8
87.5°	19.0	22.2	22.2	20.6	22.2	22.2	22.2	25.4	27.0	28.6	27.0
90°	29.7	29.2	28.7	28.5	27.8	26.5	25.1	23.8	22.4	20.6	18.8
92.5°	27.5	27.5	27.5	27.5	26.8	25.5	24.1	22.8	21.4	19.6	17.8
95°	29.1	28.8	28.6	28.5	27.8	26.5	25.1	23.8	22.4	22.2	22.0
97.5°	28.1	27.8	27.6	27.5	26.9	25.8	24.7	23.5	22.4	46.2	70.0
100°	28.1	27.8	27.6	27.5	29.4	33.3	37.1	41.0	44.8	76.0	107.3
102.5°	29.5	29.5	29.5	29.5	55.0	105.9	156.8	207.8	258.7	256.0	253.3
105°	306.6	314.8	322.9	327.0	326.0	323.9	321.9	319.8	317.8	316.7	315.5
107.5°	390.4	389.5	388.6	388.1	387.5	386.4	385.3	384.1	383.0	381.4	379.8
110°	452.9	452.2	451.5	451.2	451.0	450.5	450.1	449.6	449.2	447.8	446.5

TEST NUMBER: P1032540

CATALOG NUMBER: S124DIW-B1195D1050UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	514.6	513.7	512.8	512.4	512.5	512.7	513.0	513.2	513.4	512.9	512.5
115°	576.5	576.5	576.5	576.5	576.3	575.8	575.4	574.9	574.5	574.7	574.9
117.5°	638.7	638.7	638.7	638.7	638.8	639.0	639.3	639.5	639.7	639.0	638.3
120°	697.6	698.1	698.6	698.8	698.6	698.1	697.6	697.2	696.7	696.9	697.2
122.5°	754.7	755.1	755.6	755.8	755.7	755.5	755.2	755.0	754.8	754.4	753.9
125°	810.4	810.1	809.9	809.8	809.5	808.8	808.1	807.4	806.7	807.2	807.6
127.5°	861.2	861.4	861.7	861.8	861.9	862.1	862.4	862.6	862.8	861.7	860.5
130°	911.7	911.7	911.7	911.7	911.6	911.3	911.1	910.8	910.6	909.9	909.3
132.5°	958.9	959.2	959.4	959.5	959.4	959.2	958.9	958.7	958.5	957.6	956.7
135°	1004.5	1004.0	1003.5	1003.3	1003.1	1002.6	1002.2	1001.7	1001.3	1000.4	999.5
137.5°	1045.5	1045.8	1046.0	1046.1	1045.9	1045.4	1045.0	1044.5	1044.1	1043.0	1041.8
140°	1086.5	1086.2	1086.0	1085.9	1085.6	1084.9	1084.2	1083.5	1082.8	1082.4	1081.9
142.5°	1121.5	1121.5	1121.5	1121.5	1121.3	1120.8	1120.4	1119.9	1119.5	1119.3	1119.0
145°	1156.3	1155.8	1155.3	1155.1	1155.0	1154.8	1154.5	1154.3	1154.1	1154.1	1154.1
147.5°	1186.3	1186.0	1185.8	1185.7	1185.6	1185.4	1185.1	1184.9	1184.7	1184.9	1185.1
150°	1214.8	1214.5	1214.3	1214.2	1214.2	1214.2	1214.2	1214.2	1214.2	1214.4	1214.6
152.5°	1240.1	1240.4	1240.6	1240.7	1240.5	1240.0	1239.5	1239.1	1238.6	1239.1	1239.5
155°	1262.4	1263.1	1263.8	1264.1	1263.6	1262.7	1261.8	1260.9	1260.0	1260.7	1261.4
157.5°	1281.7	1282.8	1283.9	1284.5	1283.9	1282.8	1281.7	1280.5	1279.4	1280.3	1281.2
160°	1300.4	1301.8	1303.1	1303.8	1303.1	1301.8	1300.4	1299.1	1297.7	1297.9	1298.1
162.5°	1315.2	1316.7	1318.3	1319.1	1318.4	1317.1	1315.7	1314.4	1313.0	1313.2	1313.4
165°	1329.3	1331.3	1333.4	1334.4	1333.5	1331.7	1329.8	1328.0	1326.2	1326.2	1326.2
167.5°	1339.9	1342.2	1344.5	1345.6	1344.6	1342.5	1340.5	1338.4	1336.4	1336.6	1336.8
170°	1349.1	1351.4	1353.7	1354.8	1353.9	1352.1	1350.2	1348.4	1346.6	1346.4	1346.2
172.5°	1354.7	1357.2	1359.7	1360.9	1360.0	1358.2	1356.3	1354.5	1352.7	1352.5	1352.3
175°	1359.2	1361.9	1364.6	1366.0	1365.0	1362.9	1360.9	1358.8	1356.8	1356.6	1356.4
177.5°	1361.2	1363.9	1366.6	1368.0	1367.1	1365.3	1363.5	1361.7	1359.9	1359.4	1359.0
180°	1361.9	1361.9	1361.9	1361.9	1361.9	1361.9	1361.9	1361.9	1361.9	1361.9	1361.9

TEST NUMBER: P1032540

CATALOG NUMBER: S124DIW-B1195D1050UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
0°	1914.9	1914.9	1914.9	1914.9	1914.9	1914.9	1914.9	1914.9	1914.9	1914.9	1914.9
2.5°	1975.2	1968.8	1964.1	1964.1	1949.8	1935.5	1927.6	1924.4	1921.2	1908.5	1891.1
5°	2056.1	2035.5	2021.2	2006.9	1983.1	1957.7	1932.3	1918.1	1897.4	1868.9	1848.3
7.5°	2146.5	2097.3	2081.5	2064.0	2016.4	1973.6	1938.7	1908.5	1875.2	1838.7	1802.2
10°	2222.7	2170.3	2135.4	2105.3	2043.4	1986.3	1933.9	1889.5	1846.7	1799.1	1754.7
12.5°	2295.6	2221.1	2184.6	2140.2	2075.1	1992.6	1924.4	1868.9	1805.4	1756.2	1702.3
15°	2397.2	2271.8	2211.6	2183.0	2095.7	1999.0	1916.5	1834.0	1781.6	1707.1	1659.5
17.5°	2413.0	2311.5	2271.8	2198.9	2094.2	1984.7	1889.5	1807.0	1727.7	1661.1	1599.2
20°	2468.6	2335.3	2271.8	2225.8	2087.8	1976.8	1872.1	1765.8	1689.6	1618.2	1548.4
22.5°	2503.5	2352.8	2286.1	2213.1	2081.5	1948.2	1824.5	1732.4	1638.8	1565.9	1510.3
25°	2494.0	2343.2	2268.7	2200.5	2040.2	1907.0	1795.9	1678.5	1591.2	1511.9	1438.9
27.5°	2489.2	2319.4	2240.1	2164.0	2013.3	1873.6	1734.0	1638.8	1542.1	1450.0	1396.1
30°	2476.5	2289.3	2197.3	2114.8	1957.7	1811.8	1692.8	1581.7	1485.0	1400.9	1329.5
32.5°	2433.7	2238.5	2149.7	2060.8	1897.4	1751.5	1630.9	1527.8	1431.0	1343.8	1275.5
35°	2376.6	2178.2	2081.5	1987.9	1824.5	1676.9	1565.9	1458.0	1367.6	1283.5	1218.4
37.5°	2319.4	2108.4	2018.0	1910.1	1759.4	1605.5	1491.3	1394.5	1310.4	1223.2	1151.8
40°	2236.9	2025.9	1926.0	1834.0	1657.9	1513.5	1408.8	1321.5	1239.0	1156.5	1096.3
42.5°	2124.3	1935.5	1832.4	1730.9	1565.9	1423.1	1321.5	1243.8	1166.1	1097.8	1031.2
45°	2010.1	1826.0	1734.0	1643.6	1464.3	1329.5	1235.9	1164.5	1099.4	1024.9	970.9
47.5°	1872.1	1716.6	1624.6	1535.7	1366.0	1231.1	1145.4	1078.8	1018.5	956.7	905.9
50°	1730.9	1596.0	1511.9	1419.9	1258.1	1135.9	1051.8	996.3	947.1	888.4	847.2
52.5°	1578.6	1461.2	1389.8	1300.9	1158.1	1045.5	959.8	904.3	863.0	820.2	783.7
55°	1416.7	1331.1	1254.9	1183.5	1048.7	947.1	871.0	821.8	793.2	753.6	721.9
57.5°	1270.8	1188.3	1142.3	1061.4	944.0	844.0	783.7	742.5	709.2	685.4	660.0
60°	1118.5	1051.8	1001.1	942.4	839.3	755.2	691.7	667.9	633.0	615.6	604.5
62.5°	972.5	924.9	877.3	832.9	740.9	661.6	614.0	583.8	563.2	545.8	536.2
65°	834.5	790.1	756.8	717.1	640.9	577.5	533.1	509.3	488.6	483.9	472.8
67.5°	699.6	680.6	644.1	612.4	547.3	498.2	464.8	434.7	423.6	418.8	409.3
70°	585.4	563.2	534.6	507.7	458.5	415.7	385.5	374.4	358.5	357.0	345.9
72.5°	482.3	455.3	434.7	414.1	377.6	339.5	323.6	307.8	299.8	293.5	288.7
75°	382.3	363.3	349.0	331.6	299.8	274.5	252.3	245.9	241.1	239.6	236.4
77.5°	285.6	272.9	266.5	249.1	226.9	204.7	195.1	185.6	185.6	182.4	184.0
80°	203.1	195.1	187.2	177.7	158.6	149.1	141.2	134.9	131.7	130.1	131.7
82.5°	128.5	123.7	122.2	115.8	103.1	98.4	92.0	87.3	87.3	87.3	87.3
85°	71.4	71.4	71.4	61.9	57.1	52.4	49.2	47.6	47.6	47.6	49.2
87.5°	30.1	30.1	25.4	25.4	23.8	20.6	19.0	19.0	20.6	20.6	22.2
90°	17.0	15.2	14.3	13.1	10.6	8.1	5.6	3.1	5.6	8.1	10.6
92.5°	15.9	14.1	13.2	13.4	13.9	14.4	14.8	15.3	14.8	14.4	13.9
95°	21.7	21.5	21.4	25.2	32.9	40.6	48.3	56.0	48.3	40.6	32.9
97.5°	93.7	117.5	129.4	126.9	121.9	117.0	112.0	107.0	112.0	117.0	121.9
100°	138.5	169.8	185.4	183.4	179.3	175.2	171.2	167.1	171.2	175.2	179.3
102.5°	250.6	247.9	246.5	245.1	242.4	239.7	237.0	234.3	237.0	239.7	242.4
105°	314.4	313.3	312.7	312.0	310.7	309.3	308.0	306.6	308.0	309.3	310.7
107.5°	378.3	376.7	375.9	375.6	374.9	374.2	373.5	372.8	373.5	374.2	374.9
110°	445.1	443.8	443.1	442.8	442.1	441.4	440.7	440.0	440.7	441.4	442.1

TEST NUMBER: P1032540

CATALOG NUMBER: S124DIW-B1195D1050UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
112.5°	512.0	511.5	511.3	510.6	509.3	507.9	506.6	505.2	506.6	507.9	509.3
115°	575.2	575.4	575.5	575.2	574.5	573.8	573.2	572.5	573.2	573.8	574.5
117.5°	637.6	636.9	636.6	636.2	635.3	634.4	633.5	632.6	633.5	634.4	635.3
120°	697.4	697.7	697.8	697.3	696.4	695.5	694.6	693.7	694.6	695.5	696.4
122.5°	753.5	753.0	752.8	752.6	752.1	751.6	751.2	750.7	751.2	751.6	752.1
125°	808.1	808.6	808.8	808.3	807.4	806.5	805.6	804.7	805.6	806.5	807.4
127.5°	859.4	858.3	857.7	857.6	857.4	857.1	856.9	856.7	856.9	857.1	857.4
130°	908.6	907.9	907.6	907.5	907.3	907.0	906.8	906.6	906.8	907.0	907.3
132.5°	955.8	954.9	954.4	954.2	953.7	953.3	952.8	952.4	952.8	953.3	953.7
135°	998.6	997.7	997.2	997.3	997.5	997.8	998.0	998.2	998.0	997.8	997.5
137.5°	1040.7	1039.6	1039.0	1039.0	1039.0	1039.0	1039.0	1039.0	1039.0	1039.0	1039.0
140°	1081.5	1081.0	1080.8	1080.6	1080.1	1079.6	1079.2	1078.7	1079.2	1079.6	1080.1
142.5°	1118.8	1118.5	1118.4	1118.0	1117.1	1116.2	1115.3	1114.4	1115.3	1116.2	1117.1
145°	1154.1	1154.1	1154.1	1153.8	1153.1	1152.4	1151.7	1151.0	1151.7	1152.4	1153.1
147.5°	1185.4	1185.6	1185.7	1185.0	1183.7	1182.3	1181.0	1179.6	1181.0	1182.3	1183.7
150°	1214.9	1215.1	1215.2	1214.7	1213.8	1212.9	1212.0	1211.1	1212.0	1212.9	1213.8
152.5°	1240.0	1240.5	1240.7	1240.4	1239.7	1239.0	1238.3	1237.6	1238.3	1239.0	1239.7
155°	1262.1	1262.8	1263.1	1263.0	1262.8	1262.5	1262.3	1262.1	1262.3	1262.5	1262.8
157.5°	1282.1	1283.0	1283.5	1283.5	1283.5	1283.5	1283.5	1283.5	1283.5	1283.5	1283.5
160°	1298.4	1298.6	1298.7	1299.0	1299.7	1300.4	1301.1	1301.8	1301.1	1300.4	1299.7
162.5°	1313.7	1313.9	1314.0	1314.5	1315.4	1316.3	1317.2	1318.1	1317.2	1316.3	1315.4
165°	1326.2	1326.2	1326.2	1326.8	1327.9	1329.0	1330.2	1331.3	1330.2	1329.0	1327.9
167.5°	1337.1	1337.3	1337.4	1338.0	1339.1	1340.2	1341.4	1342.5	1341.4	1340.2	1339.1
170°	1345.9	1345.7	1345.6	1346.3	1347.6	1349.0	1350.3	1351.7	1350.3	1349.0	1347.6
172.5°	1352.0	1351.8	1351.7	1352.4	1353.7	1355.1	1356.4	1357.8	1356.4	1355.1	1353.7
175°	1356.1	1355.9	1355.8	1356.5	1357.8	1359.2	1360.5	1361.9	1360.5	1359.2	1357.8
177.5°	1358.5	1358.0	1357.8	1358.6	1360.2	1361.8	1363.4	1365.0	1363.4	1361.8	1360.2
180°	1361.9	1361.9	1361.9	1361.9	1361.9	1361.9	1361.9	1361.9	1361.9	1361.9	1361.9

TEST NUMBER: P1032540

CATALOG NUMBER: S124DIW-B1195D1050UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
0°	1914.9	1914.9	1914.9	1914.9	1914.9	1914.9	1914.9	1914.9	1914.9	1914.9	1914.9
2.5°	1886.3	1880.0	1883.2	1867.3	1853.0	1832.4	1814.9	1811.8	1808.6	1818.1	1811.8
5°	1832.4	1824.5	1816.5	1797.5	1768.9	1751.5	1726.1	1724.5	1715.0	1700.7	1703.9
7.5°	1773.7	1768.9	1757.8	1727.7	1702.3	1672.2	1651.5	1634.1	1626.1	1613.5	1608.7
10°	1726.1	1708.6	1699.1	1665.8	1635.7	1603.9	1577.0	1564.3	1550.0	1538.9	1531.0
12.5°	1661.1	1656.3	1629.3	1602.4	1577.0	1540.5	1519.9	1483.4	1464.3	1473.8	1470.7
15°	1618.2	1596.0	1589.7	1551.6	1508.7	1485.0	1446.9	1423.1	1415.1	1400.9	1383.4
17.5°	1561.1	1546.8	1524.6	1489.7	1440.5	1407.2	1380.2	1358.0	1348.5	1329.5	1315.2
20°	1507.2	1483.4	1465.9	1434.2	1386.6	1343.8	1310.4	1296.2	1272.4	1256.5	1248.6
22.5°	1458.0	1440.5	1415.1	1367.6	1326.3	1285.1	1245.4	1224.8	1202.6	1193.0	1180.3
25°	1397.7	1369.1	1351.7	1299.3	1254.9	1221.6	1185.1	1158.1	1145.4	1129.6	1126.4
27.5°	1339.0	1312.0	1291.4	1245.4	1191.5	1148.6	1126.4	1107.4	1085.2	1085.2	1077.2
30°	1280.3	1261.3	1229.5	1185.1	1134.3	1093.1	1067.7	1050.3	1042.3	1036.0	1034.4
32.5°	1221.6	1196.2	1177.2	1116.9	1078.8	1040.7	1021.7	1007.4	997.9	996.3	997.9
35°	1161.3	1132.8	1113.7	1059.8	1021.7	986.8	978.9	966.2	961.4	959.8	967.8
37.5°	1097.8	1075.6	1051.8	1007.4	964.6	944.0	928.1	923.3	921.7	931.3	934.4
40°	1039.1	1020.1	997.9	950.3	918.6	896.4	888.4	883.7	890.0	899.5	904.3
42.5°	983.6	956.7	939.2	896.4	867.8	855.1	845.6	845.6	851.9	863.0	871.0
45°	924.9	904.3	886.8	848.8	823.4	809.1	807.5	809.1	817.0	825.0	834.5
47.5°	867.8	847.2	828.1	796.4	774.2	766.3	764.7	766.3	779.0	790.1	801.2
50°	815.5	793.2	775.8	745.6	728.2	718.7	720.3	728.2	737.7	753.6	767.9
52.5°	753.6	737.7	721.9	694.9	679.0	672.7	677.4	683.8	701.2	712.3	729.8
55°	693.3	679.0	666.3	645.7	633.0	628.2	631.4	640.9	655.2	674.3	694.9
57.5°	637.8	621.9	609.2	594.9	580.7	582.2	583.8	596.5	614.0	631.4	655.2
60°	575.9	566.4	555.3	537.8	531.5	531.5	536.2	550.5	566.4	594.9	615.6
62.5°	520.4	507.7	499.7	488.6	479.1	480.7	491.8	504.5	523.5	547.3	574.3
65°	463.3	449.0	442.6	433.1	429.9	431.5	439.5	458.5	479.1	499.7	525.1
67.5°	399.8	395.0	388.7	379.2	382.3	383.9	391.9	407.7	429.9	450.6	479.1
70°	345.9	336.3	334.7	326.8	326.8	331.6	347.4	358.5	379.2	401.4	431.5
72.5°	288.7	280.8	280.8	274.5	279.2	284.0	291.9	307.8	326.8	349.0	374.4
75°	230.0	226.9	230.0	226.9	226.9	234.8	244.3	257.0	277.6	301.4	322.1
77.5°	177.7	177.7	176.1	180.9	180.9	185.6	198.3	211.0	226.9	245.9	268.1
80°	130.1	130.1	130.1	134.9	139.6	139.6	147.5	163.4	177.7	190.4	211.0
82.5°	88.8	88.8	88.8	92.0	98.4	98.4	107.9	117.4	133.3	144.4	153.9
85°	53.9	53.9	52.4	55.5	57.1	61.9	69.8	76.2	84.1	93.6	103.1
87.5°	23.8	23.8	25.4	27.0	28.6	31.7	34.9	38.1	46.0	49.2	53.9
90°	13.1	14.3	15.2	17.0	18.8	20.6	22.4	23.8	25.1	26.5	27.8
92.5°	13.4	13.2	14.1	15.9	17.8	19.6	21.4	22.8	24.1	25.5	26.8
95°	25.2	21.4	21.5	21.7	22.0	22.2	22.4	23.8	25.1	26.5	27.8
97.5°	126.9	129.4	117.5	93.7	70.0	46.2	22.4	23.5	24.7	25.8	26.9
100°	183.4	185.4	169.8	138.5	107.3	76.0	44.8	41.0	37.1	33.3	29.4
102.5°	245.1	246.5	247.9	250.6	253.3	256.0	258.7	207.8	156.8	105.9	55.0
105°	312.0	312.7	313.3	314.4	315.5	316.7	317.8	319.8	321.9	323.9	326.0
107.5°	375.6	375.9	376.7	378.3	379.8	381.4	383.0	384.1	385.3	386.4	387.5
110°	442.8	443.1	443.8	445.1	446.5	447.8	449.2	449.6	450.1	450.5	451.0

TEST NUMBER: P1032540

CATALOG NUMBER: S124DIW-B1195D1050UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
112.5°	510.6	511.3	511.5	512.0	512.5	512.9	513.4	513.2	513.0	512.7	512.5
115°	575.2	575.5	575.4	575.2	574.9	574.7	574.5	574.9	575.4	575.8	576.3
117.5°	636.2	636.6	636.9	637.6	638.3	639.0	639.7	639.5	639.3	639.0	638.8
120°	697.3	697.8	697.7	697.4	697.2	696.9	696.7	697.2	697.6	698.1	698.6
122.5°	752.6	752.8	753.0	753.5	753.9	754.4	754.8	755.0	755.2	755.5	755.7
125°	808.3	808.8	808.6	808.1	807.6	807.2	806.7	807.4	808.1	808.8	809.5
127.5°	857.6	857.7	858.3	859.4	860.5	861.7	862.8	862.6	862.4	862.1	861.9
130°	907.5	907.6	907.9	908.6	909.3	909.9	910.6	910.8	911.1	911.3	911.6
132.5°	954.2	954.4	954.9	955.8	956.7	957.6	958.5	958.7	958.9	959.2	959.4
135°	997.3	997.2	997.7	998.6	999.5	1000.4	1001.3	1001.7	1002.2	1002.6	1003.1
137.5°	1039.0	1039.0	1039.6	1040.7	1041.8	1043.0	1044.1	1044.5	1045.0	1045.4	1045.9
140°	1080.6	1080.8	1081.0	1081.5	1081.9	1082.4	1082.8	1083.5	1084.2	1084.9	1085.6
142.5°	1118.0	1118.4	1118.5	1118.8	1119.0	1119.3	1119.5	1119.9	1120.4	1120.8	1121.3
145°	1153.8	1154.1	1154.1	1154.1	1154.1	1154.1	1154.1	1154.3	1154.5	1154.8	1155.0
147.5°	1185.0	1185.7	1185.6	1185.4	1185.1	1184.9	1184.7	1184.9	1185.1	1185.4	1185.6
150°	1214.7	1215.2	1215.1	1214.9	1214.6	1214.4	1214.2	1214.2	1214.2	1214.2	1214.2
152.5°	1240.4	1240.7	1240.5	1240.0	1239.5	1239.1	1238.6	1239.1	1239.5	1240.0	1240.5
155°	1263.0	1263.1	1262.8	1262.1	1261.4	1260.7	1260.0	1260.9	1261.8	1262.7	1263.6
157.5°	1283.5	1283.5	1283.0	1282.1	1281.2	1280.3	1279.4	1280.5	1281.7	1282.8	1283.9
160°	1299.0	1298.7	1298.6	1298.4	1298.1	1297.9	1297.7	1299.1	1300.4	1301.8	1303.1
162.5°	1314.5	1314.0	1313.9	1313.7	1313.4	1313.2	1313.0	1314.4	1315.7	1317.1	1318.4
165°	1326.8	1326.2	1326.2	1326.2	1326.2	1326.2	1326.2	1328.0	1329.8	1331.7	1333.5
167.5°	1338.0	1337.4	1337.3	1337.1	1336.8	1336.6	1336.4	1338.4	1340.5	1342.5	1344.6
170°	1346.3	1345.6	1345.7	1345.9	1346.2	1346.4	1346.6	1348.4	1350.2	1352.1	1353.9
172.5°	1352.4	1351.7	1351.8	1352.0	1352.3	1352.5	1352.7	1354.5	1356.3	1358.2	1360.0
175°	1356.5	1355.8	1355.9	1356.1	1356.4	1356.6	1356.8	1358.8	1360.9	1362.9	1365.0
177.5°	1358.6	1357.8	1358.0	1358.5	1359.0	1359.4	1359.9	1361.7	1363.5	1365.3	1367.1
180°	1361.9	1361.9	1361.9	1361.9	1361.9	1361.9	1361.9	1361.9	1361.9	1361.9	1361.9

TEST NUMBER: P1032540

CATALOG NUMBER: S124DIW-B1195D1050UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
0°	1914.9	1914.9	1914.9	1914.9	1914.9	1914.9	1914.9	1914.9	1914.9	1914.9	1914.9
2.5°	1807.0	1805.4	1797.5	1800.7	1791.1	1794.3	1799.1	1800.7	1807.0	1802.2	1800.7
5°	1696.0	1692.8	1688.0	1683.3	1681.7	1688.0	1676.9	1680.1	1683.3	1688.0	1694.4
7.5°	1605.5	1603.9	1599.2	1591.2	1588.1	1584.9	1586.5	1597.6	1596.0	1594.4	1605.5
10°	1523.0	1524.6	1515.1	1513.5	1504.0	1502.4	1504.0	1507.2	1511.9	1518.3	1519.9
12.5°	1437.4	1458.0	1440.5	1434.2	1419.9	1427.8	1431.0	1416.7	1424.7	1429.4	1453.2
15°	1383.4	1373.9	1362.8	1362.8	1356.4	1353.3	1345.3	1356.4	1362.8	1372.3	1369.1
17.5°	1308.9	1293.0	1286.6	1280.3	1281.9	1288.2	1270.8	1296.2	1296.2	1300.9	1293.0
20°	1243.8	1231.1	1223.2	1220.0	1215.2	1212.1	1210.5	1216.8	1226.4	1229.5	1237.5
22.5°	1175.6	1175.6	1162.9	1158.1	1155.0	1150.2	1158.1	1153.4	1159.7	1166.1	1178.8
25°	1118.5	1118.5	1113.7	1107.4	1102.6	1099.4	1104.2	1102.6	1107.4	1115.3	1118.5
27.5°	1072.5	1067.7	1066.1	1064.5	1062.9	1064.5	1062.9	1067.7	1072.5	1074.1	1070.9
30°	1032.8	1028.0	1029.6	1029.6	1031.2	1029.6	1028.0	1032.8	1034.4	1031.2	1032.8
32.5°	996.3	996.3	999.5	1001.1	1001.1	1002.7	1004.2	1001.1	1002.7	997.9	999.5
35°	966.2	969.3	972.5	974.1	975.7	974.1	977.3	975.7	972.5	969.3	967.8
37.5°	936.0	939.2	945.5	947.1	951.9	953.5	950.3	950.3	948.7	942.4	939.2
40°	904.3	907.5	915.4	920.2	923.3	928.1	924.9	924.9	918.6	912.2	907.5
42.5°	874.2	880.5	888.4	893.2	899.5	899.5	899.5	896.4	888.4	882.1	877.3
45°	844.0	845.6	856.7	864.6	871.0	871.0	871.0	866.2	861.5	848.8	842.4
47.5°	810.7	815.5	828.1	836.1	842.4	844.0	844.0	839.3	829.7	818.6	810.7
50°	774.2	782.1	796.4	807.5	815.5	818.6	813.9	810.7	799.6	786.9	777.4
52.5°	739.3	748.8	766.3	775.8	786.9	788.5	786.9	782.1	769.4	752.0	744.1
55°	704.4	712.3	731.4	747.2	756.8	759.9	756.8	748.8	733.0	715.5	707.6
57.5°	666.3	677.4	698.1	713.9	725.0	726.6	723.4	715.5	702.8	680.6	669.5
60°	626.7	640.9	661.6	677.4	691.7	693.3	690.1	679.0	663.2	640.9	631.4
62.5°	587.0	598.1	621.9	639.4	650.5	658.4	652.0	640.9	625.1	602.9	588.6
65°	541.0	556.9	577.5	593.3	606.0	607.6	604.5	594.9	577.5	553.7	542.6
67.5°	496.6	507.7	528.3	548.9	553.7	558.4	553.7	544.2	529.9	509.3	493.4
70°	442.6	452.1	477.5	491.8	498.2	502.9	499.7	490.2	477.5	458.5	445.8
72.5°	388.7	396.6	420.4	431.5	444.2	442.6	441.0	434.7	417.2	404.6	396.6
75°	331.6	341.1	357.0	371.2	376.0	376.0	376.0	371.2	360.1	339.5	331.6
77.5°	279.2	284.0	296.7	304.6	309.4	311.0	309.4	301.4	295.1	280.8	276.0
80°	214.2	226.9	236.4	238.0	244.3	244.3	244.3	241.1	234.8	220.5	218.9
82.5°	161.8	165.0	174.5	179.3	182.4	180.9	180.9	174.5	172.9	165.0	161.8
85°	109.5	114.2	112.6	119.0	120.6	117.4	117.4	120.6	112.6	114.2	109.5
87.5°	60.3	60.3	63.5	61.9	68.2	68.2	65.0	66.6	63.5	61.9	60.3
90°	28.5	28.7	29.2	29.7	30.1	30.6	30.1	29.7	29.2	28.7	28.5
92.5°	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5
95°	28.5	28.6	28.8	29.1	29.3	29.5	29.3	29.1	28.8	28.6	28.5
97.5°	27.5	27.6	27.8	28.1	28.3	28.5	28.3	28.1	27.8	27.6	27.5
100°	27.5	27.6	27.8	28.1	28.3	28.5	28.3	28.1	27.8	27.6	27.5
102.5°	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.5
105°	327.0	322.9	314.8	306.6	298.5	290.3	298.5	306.6	314.8	322.9	327.0
107.5°	388.1	388.6	389.5	390.4	391.3	392.2	391.3	390.4	389.5	388.6	388.1
110°	451.2	451.5	452.2	452.9	453.6	454.3	453.6	452.9	452.2	451.5	451.2

TEST NUMBER: P1032540

CATALOG NUMBER: S124DIW-B1195D1050UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
112.5°	512.4	512.8	513.7	514.6	515.5	516.4	515.5	514.6	513.7	512.8	512.4
115°	576.5	576.5	576.5	576.5	576.5	576.5	576.5	576.5	576.5	576.5	576.5
117.5°	638.7	638.7	638.7	638.7	638.7	638.7	638.7	638.7	638.7	638.7	638.7
120°	698.8	698.6	698.1	697.6	697.2	696.7	697.2	697.6	698.1	698.6	698.8
122.5°	755.8	755.6	755.1	754.7	754.2	753.8	754.2	754.7	755.1	755.6	755.8
125°	809.8	809.9	810.1	810.4	810.6	810.8	810.6	810.4	810.1	809.9	809.8
127.5°	861.8	861.7	861.4	861.2	860.9	860.7	860.9	861.2	861.4	861.7	861.8
130°	911.7	911.7	911.7	911.7	911.7	911.7	911.7	911.7	911.7	911.7	911.7
132.5°	959.5	959.4	959.2	958.9	958.7	958.5	958.7	958.9	959.2	959.4	959.5
135°	1003.3	1003.5	1004.0	1004.5	1004.9	1005.4	1004.9	1004.5	1004.0	1003.5	1003.3
137.5°	1046.1	1046.0	1045.8	1045.5	1045.3	1045.1	1045.3	1045.5	1045.8	1046.0	1046.1
140°	1085.9	1086.0	1086.2	1086.5	1086.7	1086.9	1086.7	1086.5	1086.2	1086.0	1085.9
142.5°	1121.5	1121.5	1121.5	1121.5	1121.5	1121.5	1121.5	1121.5	1121.5	1121.5	1121.5
145°	1155.1	1155.3	1155.8	1156.3	1156.7	1157.2	1156.7	1156.3	1155.8	1155.3	1155.1
147.5°	1185.7	1185.8	1186.0	1186.3	1186.5	1186.7	1186.5	1186.3	1186.0	1185.8	1185.7
150°	1214.2	1214.3	1214.5	1214.8	1215.0	1215.2	1215.0	1214.8	1214.5	1214.3	1214.2
152.5°	1240.7	1240.6	1240.4	1240.1	1239.9	1239.7	1239.9	1240.1	1240.4	1240.6	1240.7
155°	1264.1	1263.8	1263.1	1262.4	1261.8	1261.1	1261.8	1262.4	1263.1	1263.8	1264.1
157.5°	1284.5	1283.9	1282.8	1281.7	1280.5	1279.4	1280.5	1281.7	1282.8	1283.9	1284.5
160°	1303.8	1303.1	1301.8	1300.4	1299.1	1297.7	1299.1	1300.4	1301.8	1303.1	1303.8
162.5°	1319.1	1318.3	1316.7	1315.2	1313.6	1312.0	1313.6	1315.2	1316.7	1318.3	1319.1
165°	1334.4	1333.4	1331.3	1329.3	1327.2	1325.2	1327.2	1329.3	1331.3	1333.4	1334.4
167.5°	1345.6	1344.5	1342.2	1339.9	1337.7	1335.4	1337.7	1339.9	1342.2	1344.5	1345.6
170°	1354.8	1353.7	1351.4	1349.1	1346.9	1344.6	1346.9	1349.1	1351.4	1353.7	1354.8
172.5°	1360.9	1359.7	1357.2	1354.7	1352.2	1349.7	1352.2	1354.7	1357.2	1359.7	1360.9
175°	1366.0	1364.6	1361.9	1359.2	1356.4	1353.7	1356.4	1359.2	1361.9	1364.6	1366.0
177.5°	1368.0	1366.6	1363.9	1361.2	1358.5	1355.8	1358.5	1361.2	1363.9	1366.6	1368.0
180°	1361.9	1361.9	1361.9	1361.9	1361.9	1361.9	1361.9	1361.9	1361.9	1361.9	1361.9

TEST NUMBER: P1032540

CATALOG NUMBER: S124DIW-B1195D1050UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
0°	1914.9	1914.9	1914.9	1914.9	1914.9	1914.9	1914.9	1914.9	1914.9	1914.9	1914.9
2.5°	1800.7	1810.2	1800.7	1807.0	1810.2	1818.1	1821.3	1835.6	1840.3	1851.4	1851.4
5°	1692.8	1697.5	1699.1	1705.5	1711.8	1727.7	1738.8	1759.4	1783.2	1786.4	1800.7
7.5°	1605.5	1613.5	1626.1	1621.4	1632.5	1656.3	1670.6	1696.0	1719.8	1732.4	1749.9
10°	1527.8	1537.3	1542.1	1546.8	1567.4	1588.1	1610.3	1627.7	1659.5	1678.5	1692.8
12.5°	1464.3	1456.4	1465.9	1483.4	1507.2	1519.9	1550.0	1577.0	1600.8	1621.4	1634.1
15°	1381.8	1388.2	1397.7	1427.8	1434.2	1465.9	1477.0	1507.2	1551.6	1570.6	1586.5
17.5°	1302.5	1323.1	1342.2	1353.3	1372.3	1397.7	1429.4	1462.7	1491.3	1513.5	1532.5
20°	1239.0	1259.7	1270.8	1278.7	1297.7	1332.6	1362.8	1404.0	1440.5	1458.0	1483.4
22.5°	1188.3	1188.3	1204.1	1227.9	1239.0	1272.4	1297.7	1342.2	1381.8	1404.0	1427.8
25°	1124.8	1134.3	1147.0	1167.7	1183.5	1210.5	1247.0	1285.1	1327.9	1346.9	1377.1
27.5°	1072.5	1083.6	1101.0	1105.8	1121.6	1145.4	1183.5	1224.8	1269.2	1289.8	1315.2
30°	1032.8	1039.1	1045.5	1055.0	1069.3	1089.9	1121.6	1158.1	1212.1	1227.9	1259.7
32.5°	997.9	1001.1	1004.2	1012.2	1020.1	1040.7	1066.1	1105.8	1150.2	1174.0	1202.6
35°	966.2	963.0	964.6	969.3	977.3	985.2	1012.2	1045.5	1086.7	1115.3	1137.5
37.5°	936.0	929.7	928.1	928.1	931.3	940.8	961.4	990.0	1034.4	1058.2	1080.4
40°	902.7	896.4	893.2	891.6	890.0	896.4	912.2	940.8	975.7	997.9	1023.3
42.5°	871.0	864.6	856.7	855.1	851.9	855.1	866.2	893.2	923.3	945.5	966.2
45°	839.3	828.1	818.6	812.3	813.9	809.1	817.0	837.7	872.6	886.8	907.5
47.5°	804.3	791.7	779.0	772.6	766.3	769.4	772.6	790.1	820.2	834.5	855.1
50°	771.0	753.6	739.3	731.4	726.6	723.4	726.6	744.1	766.3	779.0	796.4
52.5°	733.0	715.5	701.2	688.5	682.2	677.4	679.0	694.9	715.5	728.2	745.6
55°	698.1	675.8	656.8	640.9	636.2	634.6	633.0	644.1	661.6	674.3	688.5
57.5°	658.4	636.2	615.6	596.5	587.0	585.4	585.4	588.6	610.8	620.3	628.2
60°	618.7	594.9	572.7	555.3	541.0	536.2	534.6	541.0	552.1	561.6	572.7
62.5°	574.3	550.5	523.5	507.7	493.4	480.7	485.5	487.1	502.9	507.7	517.2
65°	531.5	504.5	482.3	456.9	441.0	433.1	429.9	433.1	445.8	447.4	453.7
67.5°	482.3	456.9	429.9	412.5	398.2	383.9	380.8	380.8	387.1	391.9	399.8
70°	434.7	409.3	379.2	360.1	345.9	333.2	328.4	326.8	331.6	334.7	342.7
72.5°	379.2	353.8	331.6	311.0	293.5	284.0	279.2	276.0	280.8	284.0	285.6
75°	320.5	299.8	277.6	257.0	245.9	236.4	230.0	225.3	228.5	228.5	228.5
77.5°	264.9	244.3	226.9	212.6	198.3	187.2	182.4	177.7	179.3	179.3	182.4
80°	206.2	192.0	177.7	165.0	152.3	142.8	139.6	134.9	131.7	130.1	130.1
82.5°	152.3	141.2	128.5	117.4	111.1	101.5	98.4	92.0	92.0	90.4	90.4
85°	101.5	95.2	82.5	74.6	69.8	65.0	61.9	58.7	53.9	53.9	52.4
87.5°	53.9	50.8	47.6	38.1	38.1	33.3	31.7	30.1	25.4	27.0	27.0
90°	27.8	26.5	25.1	23.8	22.4	20.6	18.8	17.0	15.2	14.3	13.1
92.5°	26.8	25.5	24.1	22.8	21.4	19.6	17.8	15.9	14.1	13.2	13.4
95°	27.8	26.5	25.1	23.8	22.4	22.2	22.0	21.7	21.5	21.4	25.2
97.5°	26.9	25.8	24.7	23.5	22.4	46.2	70.0	93.7	117.5	129.4	126.9
100°	29.4	33.3	37.1	41.0	44.8	76.0	107.3	138.5	169.8	185.4	183.4
102.5°	55.0	105.9	156.8	207.8	258.7	256.0	253.3	250.6	247.9	246.5	245.1
105°	326.0	323.9	321.9	319.8	317.8	316.7	315.5	314.4	313.3	312.7	312.0
107.5°	387.5	386.4	385.3	384.1	383.0	381.4	379.8	378.3	376.7	375.9	375.6
110°	451.0	450.5	450.1	449.6	449.2	447.8	446.5	445.1	443.8	443.1	442.8

TEST NUMBER: P1032540

CATALOG NUMBER: S124DIW-B1195D1050UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
112.5°	512.5	512.7	513.0	513.2	513.4	512.9	512.5	512.0	511.5	511.3	510.6
115°	576.3	575.8	575.4	574.9	574.5	574.7	574.9	575.2	575.4	575.5	575.2
117.5°	638.8	639.0	639.3	639.5	639.7	639.0	638.3	637.6	636.9	636.6	636.2
120°	698.6	698.1	697.6	697.2	696.7	696.9	697.2	697.4	697.7	697.8	697.3
122.5°	755.7	755.5	755.2	755.0	754.8	754.4	753.9	753.5	753.0	752.8	752.6
125°	809.5	808.8	808.1	807.4	806.7	807.2	807.6	808.1	808.6	808.8	808.3
127.5°	861.9	862.1	862.4	862.6	862.8	861.7	860.5	859.4	858.3	857.7	857.6
130°	911.6	911.3	911.1	910.8	910.6	909.9	909.3	908.6	907.9	907.6	907.5
132.5°	959.4	959.2	958.9	958.7	958.5	957.6	956.7	955.8	954.9	954.4	954.2
135°	1003.1	1002.6	1002.2	1001.7	1001.3	1000.4	999.5	998.6	997.7	997.2	997.3
137.5°	1045.9	1045.4	1045.0	1044.5	1044.1	1043.0	1041.8	1040.7	1039.6	1039.0	1039.0
140°	1085.6	1084.9	1084.2	1083.5	1082.8	1082.4	1081.9	1081.5	1081.0	1080.8	1080.6
142.5°	1121.3	1120.8	1120.4	1119.9	1119.5	1119.3	1119.0	1118.8	1118.5	1118.4	1118.0
145°	1155.0	1154.8	1154.5	1154.3	1154.1	1154.1	1154.1	1154.1	1154.1	1154.1	1153.8
147.5°	1185.6	1185.4	1185.1	1184.9	1184.7	1184.9	1185.1	1185.4	1185.6	1185.7	1185.0
150°	1214.2	1214.2	1214.2	1214.2	1214.2	1214.4	1214.6	1214.9	1215.1	1215.2	1214.7
152.5°	1240.5	1240.0	1239.5	1239.1	1238.6	1239.1	1239.5	1240.0	1240.5	1240.7	1240.4
155°	1263.6	1262.7	1261.8	1260.9	1260.0	1260.7	1261.4	1262.1	1262.8	1263.1	1263.0
157.5°	1283.9	1282.8	1281.7	1280.5	1279.4	1280.3	1281.2	1282.1	1283.0	1283.5	1283.5
160°	1303.1	1301.8	1300.4	1299.1	1297.7	1297.9	1298.1	1298.4	1298.6	1298.7	1299.0
162.5°	1318.4	1317.1	1315.7	1314.4	1313.0	1313.2	1313.4	1313.7	1313.9	1314.0	1314.5
165°	1333.5	1331.7	1329.8	1328.0	1326.2	1326.2	1326.2	1326.2	1326.2	1326.2	1326.8
167.5°	1344.6	1342.5	1340.5	1338.4	1336.4	1336.6	1336.8	1337.1	1337.3	1337.4	1338.0
170°	1353.9	1352.1	1350.2	1348.4	1346.6	1346.4	1346.2	1345.9	1345.7	1345.6	1346.3
172.5°	1360.0	1358.2	1356.3	1354.5	1352.7	1352.5	1352.3	1352.0	1351.8	1351.7	1352.4
175°	1365.0	1362.9	1360.9	1358.8	1356.8	1356.6	1356.4	1356.1	1355.9	1355.8	1356.5
177.5°	1367.1	1365.3	1363.5	1361.7	1359.9	1359.4	1359.0	1358.5	1358.0	1357.8	1358.6
180°	1361.9	1361.9	1361.9	1361.9	1361.9	1361.9	1361.9	1361.9	1361.9	1361.9	1361.9

TEST NUMBER: P1032540

CATALOG NUMBER: S124DIW-B1195D1050UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
0°	1914.9	1914.9	1914.9	1914.9
2.5°	1862.5	1878.4	1892.7	1914.9
5°	1821.3	1843.5	1873.6	1907.0
7.5°	1773.7	1808.6	1848.3	1894.3
10°	1729.3	1768.9	1819.7	1875.2
12.5°	1683.3	1730.9	1786.4	1846.7
15°	1630.9	1678.5	1740.4	1821.3
17.5°	1583.3	1640.4	1707.1	1792.7
20°	1527.8	1581.7	1654.7	1753.1
22.5°	1478.6	1540.5	1621.4	1707.1
25°	1424.7	1478.6	1559.5	1662.6
27.5°	1370.7	1437.4	1515.1	1615.0
30°	1318.4	1373.9	1458.0	1562.7
32.5°	1261.3	1327.9	1405.6	1504.0
35°	1199.4	1262.8	1335.8	1442.1
37.5°	1143.9	1205.7	1280.3	1373.9
40°	1082.0	1147.0	1215.2	1308.9
42.5°	1021.7	1080.4	1148.6	1234.3
45°	963.0	1013.8	1075.6	1150.2
47.5°	902.7	945.5	1002.7	1069.3
50°	837.7	883.7	926.5	982.0
52.5°	777.4	817.0	851.9	898.0
55°	718.7	745.6	774.2	809.1
57.5°	656.8	677.4	698.1	734.5
60°	594.9	614.0	625.1	648.9
62.5°	534.6	542.6	556.9	571.1
65°	468.0	479.1	487.1	504.5
67.5°	407.7	412.5	420.4	431.5
70°	344.3	355.4	358.5	366.5
72.5°	290.3	295.1	298.3	299.8
75°	230.0	234.8	238.0	247.5
77.5°	180.9	179.3	185.6	187.2
80°	133.3	128.5	130.1	136.4
82.5°	87.3	88.8	87.3	87.3
85°	53.9	52.4	49.2	50.8
87.5°	23.8	23.8	22.2	22.2
90°	10.6	8.1	5.6	3.1
92.5°	13.9	14.4	14.8	15.3
95°	32.9	40.6	48.3	56.0
97.5°	121.9	117.0	112.0	107.0
100°	179.3	175.2	171.2	167.1
102.5°	242.4	239.7	237.0	234.3
105°	310.7	309.3	308.0	306.6
107.5°	374.9	374.2	373.5	372.8
110°	442.1	441.4	440.7	440.0



TEST NUMBER: P1032540

CATALOG NUMBER: S124DIW-B1195D1050UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
112.5°	509.3	507.9	506.6	505.2
115°	574.5	573.8	573.2	572.5
117.5°	635.3	634.4	633.5	632.6
120°	696.4	695.5	694.6	693.7
122.5°	752.1	751.6	751.2	750.7
125°	807.4	806.5	805.6	804.7
127.5°	857.4	857.1	856.9	856.7
130°	907.3	907.0	906.8	906.6
132.5°	953.7	953.3	952.8	952.4
135°	997.5	997.8	998.0	998.2
137.5°	1039.0	1039.0	1039.0	1039.0
140°	1080.1	1079.6	1079.2	1078.7
142.5°	1117.1	1116.2	1115.3	1114.4
145°	1153.1	1152.4	1151.7	1151.0
147.5°	1183.7	1182.3	1181.0	1179.6
150°	1213.8	1212.9	1212.0	1211.1
152.5°	1239.7	1239.0	1238.3	1237.6
155°	1262.8	1262.5	1262.3	1262.1
157.5°	1283.5	1283.5	1283.5	1283.5
160°	1299.7	1300.4	1301.1	1301.8
162.5°	1315.4	1316.3	1317.2	1318.1
165°	1327.9	1329.0	1330.2	1331.3
167.5°	1339.1	1340.2	1341.4	1342.5
170°	1347.6	1349.0	1350.3	1351.7
172.5°	1353.7	1355.1	1356.4	1357.8
175°	1357.8	1359.2	1360.5	1361.9
177.5°	1360.2	1361.8	1363.4	1365.0
180°	1361.9	1361.9	1361.9	1361.9

(END OF REPORT)