

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: P1032543

Luminaire Tested: S124DIW-B1195D1050UB2750-4F0-XX-W2A-A_5000K

Issue Date: 5/7/2025

Test Information

Test Method: LM-79-2019
Report Number: P1032543
REPORT IS A COMBINATION OF REPORTS P996964 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_5000K
Description: Define 4 Direct/Indirect Wall Mount with 5000K BioUP LEDs {m-DER=1.015} {m-EER=1.115}
Light Source: -
Ballast/Driver: -

Summary

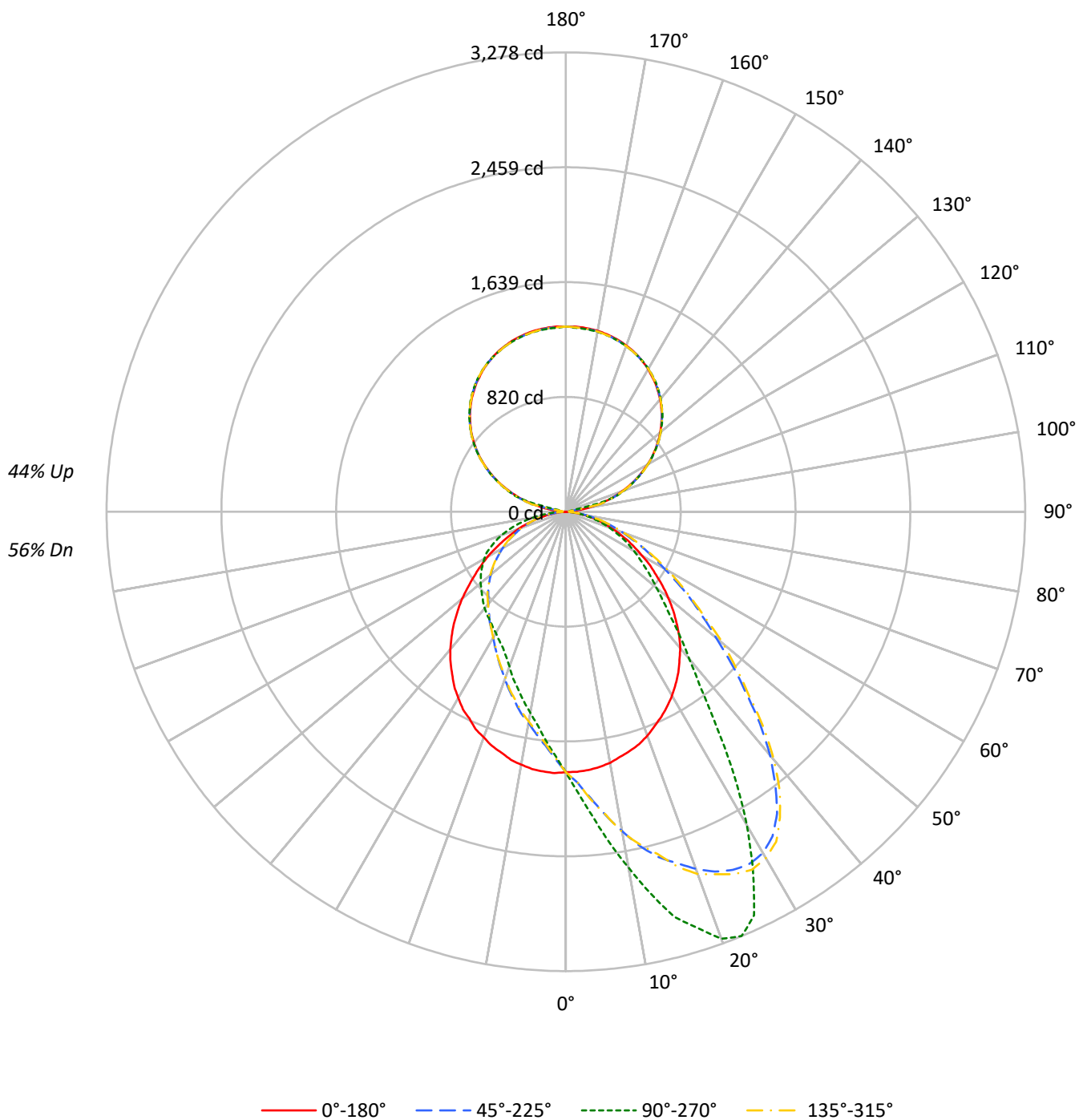
Lumens per Lamp: N/A
Luminaire Lumens: 9215.0 lumens
Efficiency: N/A
Efficacy: 99.3 lumens/watt
Spacing Criteria (0/90/45): 1.22 / 1.3 / 1.41
Luminous Opening: Rectangular w/ Sides (W: 0.33' x L: 4' x H: 0.1')
CIE Type: General Diffuse

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				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	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°	15145	15145	15145	15145
5°	15107	17375	15194	13055
10°	14994	20271	15108	11454
15°	14814	23369	14917	10249
20°	14622	25340	14728	9188
25°	14342	25050	14479	8407
30°	14069	20705	14240	8003
35°	13684	15429	13835	7759
40°	13236	11623	13364	7640
45°	12552	9328	12707	7477
50°	11734	7859	11904	7400
55°	10773	6841	10942	7314
60°	9837	6024	10126	7192
65°	8961	5183	9045	6892
70°	7931	4265	8101	6346
75°	6916	3276	6873	5392
80°	5441	2152	5380	4094
85°	3580	968	3362	2387

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 145°

Vertical Angle: 45°

Luminance: 19584 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	180.7	2.0
10°-20°	557.9	6.1
20°-30°	886.3	9.6
30°-40°	984.9	10.7
40°-50°	895.6	9.7
50°-60°	731.9	7.9
60°-70°	522.4	5.7
70°-80°	287.5	3.1
80°-90°	80.4	0.9
90°-100°	43.8	0.5
100°-110°	288.8	3.1
110°-120°	551.4	6.0
120°-130°	700.0	7.6
130°-140°	748.8	8.1
140°-150°	700.2	7.6
150°-160°	564.7	6.1
160°-170°	364.2	4.0
170°-180°	125.5	1.4
0°-30°	1625.0	17.6
0°-40°	2609.9	28.3
0°-60°	4237.4	46.0
0°-90°	5127.7	55.6
90°-120°	884.0	9.6
90°-150°	3033.0	32.9
90°-180°	4087.0	44.4
0°-180°	9215.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1857	1857	1857	1857	1857	
5°	1850	2179	1860	1637	1850	176
15°	1766	2993	1779	1313	1766	498
25°	1613	3178	1628	1066	1613	743
35°	1399	1879	1414	945	1399	874
45°	1116	1054	1129	845	1116	860
55°	785	689	797	737	785	706
65°	489	443	494	589	489	483
75°	240	222	238	365	240	252
85°	49	46	46	114	49	57
90°	3	30	3	30	3	6
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°	1857.3	1857.3	1857.3	1857.3	1857.3	1857.3	1857.3	1857.3	1857.3	1857.3	1857.3
2.5°	1857.3	1875.7	1883.4	1889.6	1909.6	1915.7	1917.3	1926.5	1934.2	1935.7	1935.7
5°	1849.6	1878.8	1901.9	1923.4	1955.7	1969.6	1986.5	2005.0	2029.6	2045.0	2052.7
7.5°	1837.3	1880.4	1915.7	1952.7	1997.3	2025.0	2040.4	2089.6	2123.5	2151.2	2185.0
10°	1818.8	1874.2	1925.0	1978.8	2041.9	2075.8	2109.6	2169.6	2217.3	2271.2	2314.3
12.5°	1791.1	1863.4	1925.0	2000.4	2078.8	2118.9	2158.9	2263.5	2318.9	2366.6	2443.5
15°	1766.5	1838.8	1926.5	2003.5	2100.4	2160.4	2218.9	2286.6	2374.3	2477.4	2551.2
17.5°	1738.8	1829.6	1911.1	2018.8	2126.5	2183.5	2231.2	2335.8	2458.9	2560.5	2628.2
20°	1700.3	1792.6	1900.4	2014.2	2141.9	2186.6	2249.6	2389.7	2500.5	2600.5	2711.3
22.5°	1655.7	1763.4	1877.3	1986.5	2118.9	2212.7	2282.0	2405.1	2538.9	2654.3	2779.0
25°	1612.6	1729.6	1829.6	1978.8	2118.9	2181.9	2260.4	2406.6	2552.8	2692.8	2820.5
27.5°	1566.4	1675.7	1811.1	1929.6	2088.1	2157.3	2242.0	2402.0	2557.4	2697.4	2834.4
30°	1515.7	1632.6	1744.9	1885.0	2038.8	2128.1	2206.6	2380.4	2538.9	2685.1	2812.8
32.5°	1458.7	1569.5	1689.5	1821.9	1983.4	2074.2	2172.7	2351.2	2520.5	2646.6	2745.1
35°	1398.7	1511.1	1615.7	1751.1	1917.3	2008.1	2103.5	2300.4	2468.2	2571.2	2628.2
37.5°	1332.6	1438.7	1541.8	1675.7	1841.9	1938.8	2035.8	2226.6	2385.1	2471.2	2455.8
40°	1269.5	1364.9	1460.3	1586.4	1760.3	1863.4	1948.1	2140.4	2278.9	2315.8	2265.0
42.5°	1197.1	1278.7	1371.0	1500.3	1669.5	1766.5	1872.7	2048.1	2151.2	2135.8	2049.6
45°	1115.6	1187.9	1280.2	1401.8	1574.1	1674.2	1763.4	1929.6	2005.0	1966.5	1809.6
47.5°	1037.1	1107.9	1183.3	1304.9	1472.6	1557.2	1648.0	1797.3	1840.3	1758.8	1601.8
50°	952.5	1011.0	1089.4	1204.8	1361.8	1451.0	1526.4	1646.5	1661.8	1561.8	1398.7
52.5°	870.9	920.2	995.6	1109.4	1255.6	1326.4	1400.3	1506.4	1494.1	1391.0	1234.1
55°	784.8	830.9	900.2	1004.8	1134.1	1201.8	1264.9	1358.7	1332.6	1226.4	1089.4
57.5°	712.4	744.8	812.5	909.4	1015.6	1089.4	1143.3	1217.1	1177.1	1071.0	943.3
60°	629.3	669.4	726.3	804.8	909.4	958.6	1006.3	1055.6	1027.9	926.3	812.5
62.5°	553.9	584.7	634.0	709.4	790.9	835.5	886.3	917.1	889.4	795.5	700.1
65°	489.3	513.9	552.4	614.0	692.4	729.4	758.6	787.8	764.8	677.0	607.8
67.5°	418.5	440.1	472.4	521.6	587.8	614.0	641.7	661.7	635.5	577.0	509.3
70°	355.5	370.8	401.6	438.5	484.7	509.3	532.4	552.4	529.3	480.1	429.3
72.5°	290.8	303.1	330.8	357.0	398.5	415.5	432.4	447.8	440.1	393.9	352.4
75°	240.0	244.7	263.1	284.7	310.8	329.3	341.6	350.8	344.7	307.7	281.6
77.5°	181.6	187.7	201.6	218.5	241.6	252.4	260.0	269.3	261.6	232.4	213.9
80°	132.3	133.9	141.6	157.0	172.3	173.9	181.6	193.9	189.3	169.3	155.4
82.5°	84.6	89.2	92.3	101.6	112.3	115.4	120.0	123.1	121.6	109.3	104.6
85°	49.2	49.2	52.3	58.5	61.5	66.2	67.7	69.2	72.3	64.6	60.0
87.5°	21.5	23.1	23.1	24.6	27.7	27.7	29.2	30.8	32.3	30.8	26.2
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°	1857.3	1857.3	1857.3	1857.3	1857.3	1857.3	1857.3	1857.3	1857.3	1857.3	1857.3
2.5°	1940.4	1968.1	1980.4	1983.4	2000.4	1989.6	1994.2	1992.7	2005.0	2006.5	2006.5
5°	2081.9	2114.2	2125.0	2140.4	2163.5	2169.6	2165.0	2174.3	2191.2	2178.9	2197.3
7.5°	2231.2	2266.6	2291.2	2325.0	2332.7	2352.7	2365.1	2375.8	2378.9	2380.4	2383.5
10°	2369.7	2414.3	2448.1	2505.1	2517.4	2528.2	2582.0	2560.5	2588.2	2578.9	2582.0
12.5°	2482.0	2569.7	2597.4	2692.8	2702.0	2739.0	2735.9	2769.7	2775.9	2788.2	2775.9
15°	2629.7	2731.3	2775.9	2829.8	2860.5	2903.6	2911.3	2957.5	2975.9	2992.9	2975.9
17.5°	2765.1	2819.0	2932.9	2975.9	2995.9	3019.0	3077.5	3094.4	3122.1	3111.3	3142.1
20°	2832.8	2909.8	3029.8	3103.7	3134.4	3156.0	3205.2	3231.4	3242.1	3242.1	3245.2
22.5°	2892.8	3003.6	3092.9	3177.5	3205.2	3220.6	3249.8	3269.8	3274.5	3277.5	3280.6
25°	2946.7	3046.7	3119.0	3166.7	3177.5	3177.5	3194.4	3182.1	3162.1	3177.5	3186.7
27.5°	2946.7	3017.5	3049.8	3066.7	3066.7	3025.2	3000.6	2949.8	2906.7	2894.4	2922.1
30°	2897.5	2929.8	2885.2	2843.6	2811.3	2783.6	2686.7	2609.7	2594.3	2583.6	2625.1
32.5°	2783.6	2742.0	2654.3	2534.3	2486.6	2423.5	2348.1	2289.7	2254.3	2242.0	2232.7
35°	2582.0	2474.3	2360.4	2198.9	2165.0	2085.0	1981.9	1938.8	1880.4	1878.8	1898.8
37.5°	2362.0	2195.8	2072.7	1918.8	1871.1	1786.5	1689.5	1644.9	1604.9	1574.1	1611.1
40°	2105.0	1960.4	1772.6	1646.5	1578.8	1534.1	1452.6	1403.3	1384.9	1369.5	1392.6
42.5°	1865.0	1706.5	1560.3	1431.0	1375.6	1324.9	1271.0	1223.3	1209.5	1207.9	1224.8
45°	1626.5	1471.0	1335.6	1224.8	1189.5	1158.7	1106.4	1092.5	1069.4	1054.0	1061.7
47.5°	1435.7	1275.6	1163.3	1078.7	1047.9	1021.7	987.9	964.8	944.8	938.6	947.9
50°	1247.9	1140.2	1024.8	954.0	930.9	906.3	880.2	858.6	849.4	843.2	849.4
52.5°	1097.1	981.7	903.2	846.3	823.2	804.8	786.3	777.1	764.8	767.8	774.0
55°	961.7	860.2	794.0	752.4	738.6	730.9	707.8	697.1	692.4	689.4	692.4
57.5°	834.0	760.1	710.9	675.5	657.0	652.4	634.0	634.0	629.3	624.7	626.3
60°	732.4	669.4	621.7	594.0	590.9	583.2	570.9	569.3	558.6	563.2	564.7
62.5°	629.3	578.6	546.3	529.3	518.6	515.5	507.8	506.2	501.6	503.2	500.1
65°	547.8	506.2	473.9	460.1	455.5	453.9	447.8	443.2	440.1	443.2	440.1
67.5°	466.2	438.5	413.9	400.1	393.9	392.4	387.8	384.7	386.2	381.6	384.7
70°	389.3	361.6	346.2	338.5	335.4	330.8	330.8	330.8	330.8	327.8	326.2
72.5°	327.8	300.1	289.3	284.7	281.6	280.1	275.4	277.0	275.4	273.9	280.1
75°	260.0	243.1	232.4	227.7	230.8	226.2	221.6	224.7	220.0	221.6	227.7
77.5°	197.0	189.3	183.1	180.0	177.0	173.9	173.9	170.8	170.8	170.8	170.8
80°	143.1	141.6	130.8	129.3	129.3	126.2	126.2	126.2	126.2	124.6	126.2
82.5°	95.4	93.9	90.8	89.2	86.2	87.7	87.7	84.6	84.6	83.1	84.6
85°	55.4	55.4	52.3	50.8	49.2	50.8	47.7	46.2	47.7	46.2	47.7
87.5°	26.2	23.1	24.6	23.1	20.0	21.5	18.5	20.0	18.5	16.9	20.0
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: P1032543

CATALOG NUMBER: S124DIW-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

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CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	1857.3	1857.3	1857.3	1857.3	1857.3	1857.3	1857.3	1857.3	1857.3	1857.3	1857.3
2.5°	2003.5	1998.8	1992.7	1992.7	1985.0	1985.0	1972.7	1951.1	1932.7	1926.5	1929.6
5°	2174.3	2175.8	2166.6	2158.9	2145.0	2134.2	2114.2	2075.8	2063.5	2038.8	2021.9
7.5°	2369.7	2363.5	2346.6	2334.3	2331.2	2306.6	2263.5	2217.3	2180.4	2155.8	2120.4
10°	2589.7	2565.1	2540.5	2532.8	2514.3	2472.8	2423.5	2372.7	2322.0	2268.1	2208.1
12.5°	2774.4	2726.7	2725.1	2706.7	2671.3	2648.2	2589.7	2517.4	2429.7	2369.7	2302.0
15°	2972.9	2928.2	2891.3	2857.5	2840.5	2772.8	2723.6	2632.8	2528.2	2463.5	2417.4
17.5°	3114.4	3094.4	3031.3	3015.9	2992.9	2914.4	2835.9	2746.7	2655.9	2565.1	2440.5
20°	3228.3	3216.0	3174.4	3152.9	3116.0	3054.4	2959.0	2855.9	2751.3	2622.0	2505.1
22.5°	3277.5	3262.1	3228.3	3209.8	3186.7	3134.4	3052.9	2935.9	2799.0	2683.6	2558.9
25°	3180.6	3208.3	3199.1	3191.4	3182.1	3151.4	3089.8	2986.7	2852.8	2722.0	2566.6
27.5°	2962.1	3009.8	3056.0	3062.1	3077.5	3089.8	3065.2	2991.3	2879.0	2740.5	2569.7
30°	2668.2	2689.7	2783.6	2811.3	2832.8	2911.3	2957.5	2939.0	2852.8	2728.2	2571.2
32.5°	2291.2	2348.1	2443.5	2509.7	2568.2	2655.9	2775.9	2823.6	2792.8	2691.3	2535.9
35°	1934.2	2001.9	2112.7	2197.3	2255.8	2380.4	2522.0	2625.1	2663.6	2612.8	2474.3
37.5°	1641.8	1723.4	1821.9	1854.2	1921.9	2075.8	2271.2	2414.3	2508.2	2512.8	2405.1
40°	1421.8	1463.3	1541.8	1591.1	1657.2	1786.5	1977.3	2166.6	2308.1	2355.8	2298.9
42.5°	1235.6	1267.9	1326.4	1386.4	1446.4	1544.9	1720.3	1897.3	2088.1	2183.5	2181.9
45°	1087.9	1121.7	1161.8	1211.0	1252.5	1358.7	1497.2	1678.8	1843.4	1991.1	2028.1
47.5°	958.6	987.9	1037.1	1058.7	1086.4	1186.4	1306.4	1475.7	1646.5	1815.7	1858.8
50°	863.2	887.9	921.7	935.6	966.3	1040.2	1138.7	1275.6	1464.9	1620.3	1700.3
52.5°	777.1	795.5	821.7	832.5	854.0	909.4	998.6	1106.4	1263.3	1423.3	1535.7
55°	703.2	715.5	734.0	746.3	761.7	810.9	877.1	974.0	1109.4	1247.9	1357.2
57.5°	634.0	643.2	661.7	667.8	680.1	718.6	764.8	846.3	971.0	1094.0	1200.2
60°	569.3	575.5	586.3	600.1	609.3	635.5	678.6	746.3	846.3	958.6	1044.8
62.5°	507.8	517.0	520.1	526.3	533.9	558.6	592.4	641.7	729.4	821.7	912.5
65°	444.7	452.4	458.5	460.1	467.8	486.2	517.0	560.1	617.0	697.1	781.7
67.5°	386.2	390.8	393.9	400.1	407.8	417.0	441.6	473.9	526.3	590.9	658.6
70°	332.4	332.4	337.0	338.5	347.8	358.5	369.3	400.1	446.2	498.6	544.7
72.5°	273.9	281.6	280.1	287.7	286.2	293.9	307.7	327.8	361.6	403.2	447.8
75°	223.1	227.7	227.7	227.7	230.8	237.0	244.7	263.1	289.3	323.1	349.3
77.5°	173.9	177.0	177.0	177.0	178.5	184.6	192.3	204.7	223.1	243.1	258.5
80°	124.6	127.7	127.7	130.8	130.8	132.3	140.0	146.2	155.4	170.8	186.2
82.5°	84.6	86.2	89.2	89.2	87.7	90.8	92.3	98.5	107.7	110.8	121.6
85°	46.2	47.7	49.2	49.2	50.8	53.9	52.3	58.5	58.5	64.6	67.7
87.5°	18.5	21.5	21.5	20.0	21.5	21.5	21.5	24.6	26.2	27.7	26.2
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

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CATALOG NUMBER: S124DIW-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: P1032543

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CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
0°	1857.3	1857.3	1857.3	1857.3	1857.3	1857.3	1857.3	1857.3	1857.3	1857.3	1857.3
2.5°	1915.7	1909.6	1905.0	1905.0	1891.1	1877.3	1869.6	1866.5	1863.4	1851.1	1834.2
5°	1994.2	1974.2	1960.4	1946.5	1923.4	1898.8	1874.2	1860.3	1840.3	1812.6	1792.6
7.5°	2081.9	2034.2	2018.8	2001.9	1955.7	1914.2	1880.4	1851.1	1818.8	1783.4	1748.0
10°	2155.8	2105.0	2071.2	2041.9	1981.9	1926.5	1875.7	1832.6	1791.1	1744.9	1701.9
12.5°	2226.6	2154.2	2118.9	2075.8	2012.7	1932.7	1866.5	1812.6	1751.1	1703.4	1651.1
15°	2325.0	2203.5	2145.0	2117.3	2032.7	1938.8	1858.8	1778.8	1728.0	1655.7	1609.5
17.5°	2340.4	2242.0	2203.5	2132.7	2031.1	1925.0	1832.6	1752.6	1675.7	1611.1	1551.1
20°	2394.3	2265.0	2203.5	2158.9	2025.0	1917.3	1815.7	1712.6	1638.8	1569.5	1501.8
22.5°	2428.1	2282.0	2217.3	2146.6	2018.8	1889.6	1769.6	1680.3	1589.5	1518.7	1464.9
25°	2418.9	2272.7	2200.4	2134.2	1978.8	1849.6	1741.9	1628.0	1543.4	1466.4	1395.6
27.5°	2414.3	2249.6	2172.7	2098.9	1952.7	1817.3	1681.9	1589.5	1495.7	1406.4	1354.1
30°	2402.0	2220.4	2131.2	2051.2	1898.8	1757.3	1641.8	1534.1	1440.3	1358.7	1289.5
32.5°	2360.4	2171.2	2085.0	1998.8	1840.3	1698.8	1581.8	1481.8	1388.0	1303.3	1237.2
35°	2305.0	2112.7	2018.8	1928.1	1769.6	1626.5	1518.7	1414.1	1326.4	1244.8	1181.8
37.5°	2249.6	2045.0	1957.3	1852.7	1706.5	1557.2	1446.4	1352.6	1271.0	1186.4	1117.1
40°	2169.6	1965.0	1868.0	1778.8	1608.0	1468.0	1366.4	1281.8	1201.8	1121.7	1063.3
42.5°	2060.4	1877.3	1777.3	1678.8	1518.7	1380.3	1281.8	1206.4	1131.0	1064.8	1000.2
45°	1949.6	1771.1	1681.9	1594.1	1420.3	1289.5	1198.7	1129.4	1066.4	994.0	941.7
47.5°	1815.7	1664.9	1575.7	1489.5	1324.9	1194.1	1111.0	1046.3	987.9	927.9	878.6
50°	1678.8	1548.0	1466.4	1377.2	1220.2	1101.7	1020.2	966.3	918.6	861.7	821.7
52.5°	1531.1	1417.2	1347.9	1261.8	1123.3	1014.0	930.9	877.1	837.1	795.5	760.1
55°	1374.1	1291.0	1217.1	1147.9	1017.1	918.6	844.8	797.1	769.4	730.9	700.1
57.5°	1232.5	1152.5	1107.9	1029.4	915.6	818.6	760.1	720.1	687.8	664.7	640.1
60°	1084.8	1020.2	971.0	914.0	814.0	732.4	670.9	647.8	614.0	597.0	586.3
62.5°	943.3	897.1	850.9	807.8	718.6	641.7	595.5	566.3	546.3	529.3	520.1
65°	809.4	766.3	734.0	695.5	621.7	560.1	517.0	493.9	473.9	469.3	458.5
67.5°	678.6	660.1	624.7	594.0	530.9	483.2	450.9	421.6	410.8	406.2	397.0
70°	567.8	546.3	518.6	492.4	444.7	403.2	373.9	363.1	347.8	346.2	335.4
72.5°	467.8	441.6	421.6	401.6	366.2	329.3	313.9	298.5	290.8	284.7	280.1
75°	370.8	352.4	338.5	321.6	290.8	266.2	244.7	238.5	233.9	232.4	229.3
77.5°	277.0	264.7	258.5	241.6	220.0	198.5	189.3	180.0	180.0	177.0	178.5
80°	197.0	189.3	181.6	172.3	153.9	144.6	136.9	130.8	127.7	126.2	127.7
82.5°	124.6	120.0	118.5	112.3	100.0	95.4	89.2	84.6	84.6	84.6	84.6
85°	69.2	69.2	69.2	60.0	55.4	50.8	47.7	46.2	46.2	46.2	47.7
87.5°	29.2	29.2	24.6	24.6	23.1	20.0	18.5	18.5	20.0	20.0	21.5
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: P1032543

CATALOG NUMBER: S124DIW-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: P1032543

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CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
0°	1857.3	1857.3	1857.3	1857.3	1857.3	1857.3	1857.3	1857.3	1857.3	1857.3	1857.3
2.5°	1829.6	1823.4	1826.5	1811.1	1797.3	1777.3	1760.3	1757.3	1754.2	1763.4	1757.3
5°	1777.3	1769.6	1761.9	1743.4	1715.7	1698.8	1674.2	1672.6	1663.4	1649.5	1652.6
7.5°	1720.3	1715.7	1704.9	1675.7	1651.1	1621.8	1601.8	1584.9	1577.2	1564.9	1560.3
10°	1674.2	1657.2	1648.0	1615.7	1586.4	1555.7	1529.5	1517.2	1503.4	1492.6	1484.9
12.5°	1611.1	1606.5	1580.3	1554.1	1529.5	1494.1	1474.1	1438.7	1420.3	1429.5	1426.4
15°	1569.5	1548.0	1541.8	1504.9	1463.3	1440.3	1403.3	1380.3	1372.6	1358.7	1341.8
17.5°	1514.1	1500.3	1478.7	1444.9	1397.2	1364.9	1338.7	1317.2	1307.9	1289.5	1275.6
20°	1461.8	1438.7	1421.8	1391.0	1344.9	1303.3	1271.0	1257.2	1234.1	1218.7	1211.0
22.5°	1414.1	1397.2	1372.6	1326.4	1286.4	1246.4	1207.9	1187.9	1166.4	1157.1	1144.8
25°	1355.6	1327.9	1311.0	1260.2	1217.1	1184.8	1149.4	1123.3	1111.0	1095.6	1092.5
27.5°	1298.7	1272.5	1252.5	1207.9	1155.6	1114.1	1092.5	1074.0	1052.5	1052.5	1044.8
30°	1241.8	1223.3	1192.5	1149.4	1100.2	1060.2	1035.6	1018.7	1011.0	1004.8	1003.3
32.5°	1184.8	1160.2	1141.8	1083.3	1046.3	1009.4	991.0	977.1	967.9	966.3	967.9
35°	1126.4	1098.7	1080.2	1027.9	991.0	957.1	949.4	937.1	932.5	930.9	938.6
37.5°	1064.8	1043.3	1020.2	977.1	935.6	915.6	900.2	895.6	894.0	903.2	906.3
40°	1007.9	989.4	967.9	921.7	890.9	869.4	861.7	857.1	863.2	872.5	877.1
42.5°	954.0	927.9	910.9	869.4	841.7	829.4	820.2	820.2	826.3	837.1	844.8
45°	897.1	877.1	860.2	823.2	798.6	784.8	783.2	784.8	792.5	800.1	809.4
47.5°	841.7	821.7	803.2	772.5	750.9	743.2	741.7	743.2	755.5	766.3	777.1
50°	790.9	769.4	752.4	723.2	706.3	697.1	698.6	706.3	715.5	730.9	744.8
52.5°	730.9	715.5	700.1	674.0	658.6	652.4	657.0	663.2	680.1	690.9	707.8
55°	672.4	658.6	646.3	626.3	614.0	609.3	612.4	621.7	635.5	654.0	674.0
57.5°	618.6	603.2	590.9	577.0	563.2	564.7	566.3	578.6	595.5	612.4	635.5
60°	558.6	549.3	538.6	521.6	515.5	515.5	520.1	533.9	549.3	577.0	597.0
62.5°	504.7	492.4	484.7	473.9	464.7	466.2	477.0	489.3	507.8	530.9	557.0
65°	449.3	435.5	429.3	420.1	417.0	418.5	426.2	444.7	464.7	484.7	509.3
67.5°	387.8	383.1	377.0	367.8	370.8	372.4	380.1	395.5	417.0	437.0	464.7
70°	335.4	326.2	324.7	317.0	317.0	321.6	337.0	347.8	367.8	389.3	418.5
72.5°	280.1	272.4	272.4	266.2	270.8	275.4	283.1	298.5	317.0	338.5	363.1
75°	223.1	220.0	223.1	220.0	220.0	227.7	237.0	249.3	269.3	292.4	312.4
77.5°	172.3	172.3	170.8	175.4	175.4	180.0	192.3	204.7	220.0	238.5	260.0
80°	126.2	126.2	126.2	130.8	135.4	135.4	143.1	158.5	172.3	184.6	204.7
82.5°	86.2	86.2	86.2	89.2	95.4	95.4	104.6	113.9	129.3	140.0	149.3
85°	52.3	52.3	50.8	53.9	55.4	60.0	67.7	73.9	81.6	90.8	100.0
87.5°	23.1	23.1	24.6	26.2	27.7	30.8	33.9	36.9	44.6	47.7	52.3
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

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CATALOG NUMBER: S124DIW-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: P1032543

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CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
0°	1857.3	1857.3	1857.3	1857.3	1857.3	1857.3	1857.3	1857.3	1857.3	1857.3	1857.3
2.5°	1752.6	1751.1	1743.4	1746.5	1737.2	1740.3	1744.9	1746.5	1752.6	1748.0	1746.5
5°	1644.9	1641.8	1637.2	1632.6	1631.1	1637.2	1626.5	1629.5	1632.6	1637.2	1643.4
7.5°	1557.2	1555.7	1551.1	1543.4	1540.3	1537.2	1538.7	1549.5	1548.0	1546.4	1557.2
10°	1477.2	1478.7	1469.5	1468.0	1458.7	1457.2	1458.7	1461.8	1466.4	1472.6	1474.1
12.5°	1394.1	1414.1	1397.2	1391.0	1377.2	1384.9	1388.0	1374.1	1381.8	1386.4	1409.5
15°	1341.8	1332.6	1321.8	1321.8	1315.6	1312.6	1304.9	1315.6	1321.8	1331.0	1327.9
17.5°	1269.5	1254.1	1247.9	1241.8	1243.3	1249.5	1232.5	1257.2	1257.2	1261.8	1254.1
20°	1206.4	1194.1	1186.4	1183.3	1178.7	1175.6	1174.1	1180.2	1189.5	1192.5	1200.2
22.5°	1140.2	1140.2	1127.9	1123.3	1120.2	1115.6	1123.3	1118.7	1124.8	1131.0	1143.3
25°	1084.8	1084.8	1080.2	1074.0	1069.4	1066.4	1071.0	1069.4	1074.0	1081.7	1084.8
27.5°	1040.2	1035.6	1034.0	1032.5	1031.0	1032.5	1031.0	1035.6	1040.2	1041.7	1038.7
30°	1001.7	997.1	998.6	998.6	1000.2	998.6	997.1	1001.7	1003.3	1000.2	1001.7
32.5°	966.3	966.3	969.4	971.0	971.0	972.5	974.0	971.0	972.5	967.9	969.4
35°	937.1	940.2	943.3	944.8	946.3	944.8	947.9	946.3	943.3	940.2	938.6
37.5°	907.9	910.9	917.1	918.6	923.2	924.8	921.7	921.7	920.2	914.0	910.9
40°	877.1	880.2	887.9	892.5	895.6	900.2	897.1	897.1	890.9	884.8	880.2
42.5°	847.9	854.0	861.7	866.3	872.5	872.5	872.5	869.4	861.7	855.5	850.9
45°	818.6	820.2	830.9	838.6	844.8	844.8	844.8	840.2	835.5	823.2	817.1
47.5°	786.3	790.9	803.2	810.9	817.1	818.6	818.6	814.0	804.8	794.0	786.3
50°	750.9	758.6	772.5	783.2	790.9	794.0	789.4	786.3	775.5	763.2	754.0
52.5°	717.1	726.3	743.2	752.4	763.2	764.8	763.2	758.6	746.3	729.4	721.7
55°	683.2	690.9	709.4	724.8	734.0	737.1	734.0	726.3	710.9	694.0	686.3
57.5°	646.3	657.0	677.0	692.4	703.2	704.7	701.7	694.0	681.7	660.1	649.4
60°	607.8	621.7	641.7	657.0	670.9	672.4	669.4	658.6	643.2	621.7	612.4
62.5°	569.3	580.1	603.2	620.1	630.9	638.6	632.4	621.7	606.3	584.7	570.9
65°	524.7	540.1	560.1	575.5	587.8	589.3	586.3	577.0	560.1	537.0	526.3
67.5°	481.6	492.4	512.4	532.4	537.0	541.6	537.0	527.8	513.9	493.9	478.6
70°	429.3	438.5	463.2	477.0	483.2	487.8	484.7	475.5	463.2	444.7	432.4
72.5°	377.0	384.7	407.8	418.5	430.8	429.3	427.8	421.6	404.7	392.4	384.7
75°	321.6	330.8	346.2	360.1	364.7	364.7	364.7	360.1	349.3	329.3	321.6
77.5°	270.8	275.4	287.7	295.4	300.1	301.6	300.1	292.4	286.2	272.4	267.7
80°	207.7	220.0	229.3	230.8	237.0	237.0	237.0	233.9	227.7	213.9	212.3
82.5°	157.0	160.0	169.3	173.9	177.0	175.4	175.4	169.3	167.7	160.0	157.0
85°	106.2	110.8	109.3	115.4	116.9	113.9	113.9	116.9	109.3	110.8	106.2
87.5°	58.5	58.5	61.5	60.0	66.2	66.2	63.1	64.6	61.5	60.0	58.5
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: P1032543

CATALOG NUMBER: S124DIW-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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CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
0°	1857.3	1857.3	1857.3	1857.3	1857.3	1857.3	1857.3	1857.3	1857.3	1857.3	1857.3
2.5°	1746.5	1755.7	1746.5	1752.6	1755.7	1763.4	1766.5	1780.3	1784.9	1795.7	1795.7
5°	1641.8	1646.5	1648.0	1654.2	1660.3	1675.7	1686.5	1706.5	1729.6	1732.6	1746.5
7.5°	1557.2	1564.9	1577.2	1572.6	1583.4	1606.5	1620.3	1644.9	1668.0	1680.3	1697.2
10°	1481.8	1491.0	1495.7	1500.3	1520.3	1540.3	1561.8	1578.8	1609.5	1628.0	1641.8
12.5°	1420.3	1412.6	1421.8	1438.7	1461.8	1474.1	1503.4	1529.5	1552.6	1572.6	1584.9
15°	1340.2	1346.4	1355.6	1384.9	1391.0	1421.8	1432.6	1461.8	1504.9	1523.4	1538.7
17.5°	1263.3	1283.3	1301.8	1312.6	1331.0	1355.6	1386.4	1418.7	1446.4	1468.0	1486.4
20°	1201.8	1221.8	1232.5	1240.2	1258.7	1292.5	1321.8	1361.8	1397.2	1414.1	1438.7
22.5°	1152.5	1152.5	1167.9	1191.0	1201.8	1234.1	1258.7	1301.8	1340.2	1361.8	1384.9
25°	1091.0	1100.2	1112.5	1132.5	1147.9	1174.1	1209.5	1246.4	1287.9	1306.4	1335.6
27.5°	1040.2	1051.0	1067.9	1072.5	1087.9	1111.0	1147.9	1187.9	1231.0	1251.0	1275.6
30°	1001.7	1007.9	1014.0	1023.3	1037.1	1057.1	1087.9	1123.3	1175.6	1191.0	1221.8
32.5°	967.9	971.0	974.0	981.7	989.4	1009.4	1034.0	1072.5	1115.6	1138.7	1166.4
35°	937.1	934.0	935.6	940.2	947.9	955.6	981.7	1014.0	1054.0	1081.7	1103.3
37.5°	907.9	901.7	900.2	900.2	903.2	912.5	932.5	960.2	1003.3	1026.3	1047.9
40°	875.5	869.4	866.3	864.8	863.2	869.4	884.8	912.5	946.3	967.9	992.5
42.5°	844.8	838.6	830.9	829.4	826.3	829.4	840.2	866.3	895.6	917.1	937.1
45°	814.0	803.2	794.0	787.8	789.4	784.8	792.5	812.5	846.3	860.2	880.2
47.5°	780.1	767.8	755.5	749.4	743.2	746.3	749.4	766.3	795.5	809.4	829.4
50°	747.8	730.9	717.1	709.4	704.7	701.7	704.7	721.7	743.2	755.5	772.5
52.5°	710.9	694.0	680.1	667.8	661.7	657.0	658.6	674.0	694.0	706.3	723.2
55°	677.0	655.5	637.0	621.7	617.0	615.5	614.0	624.7	641.7	654.0	667.8
57.5°	638.6	617.0	597.0	578.6	569.3	567.8	567.8	570.9	592.4	601.7	609.3
60°	600.1	577.0	555.5	538.6	524.7	520.1	518.6	524.7	535.5	544.7	555.5
62.5°	557.0	533.9	507.8	492.4	478.6	466.2	470.9	472.4	487.8	492.4	501.6
65°	515.5	489.3	467.8	443.2	427.8	420.1	417.0	420.1	432.4	433.9	440.1
67.5°	467.8	443.2	417.0	400.1	386.2	372.4	369.3	369.3	375.5	380.1	387.8
70°	421.6	397.0	367.8	349.3	335.4	323.1	318.5	317.0	321.6	324.7	332.4
72.5°	367.8	343.1	321.6	301.6	284.7	275.4	270.8	267.7	272.4	275.4	277.0
75°	310.8	290.8	269.3	249.3	238.5	229.3	223.1	218.5	221.6	221.6	221.6
77.5°	257.0	237.0	220.0	206.2	192.3	181.6	177.0	172.3	173.9	173.9	177.0
80°	200.0	186.2	172.3	160.0	147.7	138.5	135.4	130.8	127.7	126.2	126.2
82.5°	147.7	136.9	124.6	113.9	107.7	98.5	95.4	89.2	89.2	87.7	87.7
85°	98.5	92.3	80.0	72.3	67.7	63.1	60.0	56.9	52.3	52.3	50.8
87.5°	52.3	49.2	46.2	36.9	36.9	32.3	30.8	29.2	24.6	26.2	26.2
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

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CATALOG NUMBER: S124DIW-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: P1032543

CATALOG NUMBER: S124DIW-B1195D1050UB2750-4F0-XX-W2A-A_5000K

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
0°	1857.3	1857.3	1857.3	1857.3
2.5°	1806.5	1821.9	1835.7	1857.3
5°	1766.5	1788.0	1817.3	1849.6
7.5°	1720.3	1754.2	1792.6	1837.3
10°	1677.2	1715.7	1764.9	1818.8
12.5°	1632.6	1678.8	1732.6	1791.1
15°	1581.8	1628.0	1688.0	1766.5
17.5°	1535.7	1591.1	1655.7	1738.8
20°	1481.8	1534.1	1604.9	1700.3
22.5°	1434.1	1494.1	1572.6	1655.7
25°	1381.8	1434.1	1512.6	1612.6
27.5°	1329.5	1394.1	1469.5	1566.4
30°	1278.7	1332.6	1414.1	1515.7
32.5°	1223.3	1287.9	1363.3	1458.7
35°	1163.3	1224.8	1295.6	1398.7
37.5°	1109.4	1169.4	1241.8	1332.6
40°	1049.4	1112.5	1178.7	1269.5
42.5°	991.0	1047.9	1114.1	1197.1
45°	934.0	983.3	1043.3	1115.6
47.5°	875.5	917.1	972.5	1037.1
50°	812.5	857.1	898.6	952.5
52.5°	754.0	792.5	826.3	870.9
55°	697.1	723.2	750.9	784.8
57.5°	637.0	657.0	677.0	712.4
60°	577.0	595.5	606.3	629.3
62.5°	518.6	526.3	540.1	553.9
65°	453.9	464.7	472.4	489.3
67.5°	395.5	400.1	407.8	418.5
70°	333.9	344.7	347.8	355.5
72.5°	281.6	286.2	289.3	290.8
75°	223.1	227.7	230.8	240.0
77.5°	175.4	173.9	180.0	181.6
80°	129.3	124.6	126.2	132.3
82.5°	84.6	86.2	84.6	84.6
85°	52.3	50.8	47.7	49.2
87.5°	23.1	23.1	21.5	21.5
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: P1032543

CATALOG NUMBER: S124DIW-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)