

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: P1033303

Luminaire Tested: S124DIW-B1195D1560UB30-4F0-XX-W2A-A1

Issue Date: 5/7/2025

Test Information

Test Method: LM-79-2019
Report Number: P1033303
REPORT IS A COMBINATION OF REPORTS P997112 AND P1007351
Test Lab: INNOVATION CENTER
Issue Date: 5/7/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: NEO-RAY
Catalog Number: S124DIW-B1195D1560UB30-4F0-XX-W2A-A1
Description: Define 4 Direct/Indirect Wall Mount with 3000K BioUP LEDs {m-DER=0.589} {m-EER=0.647}
Light Source: -
Ballast/Driver: -

Summary

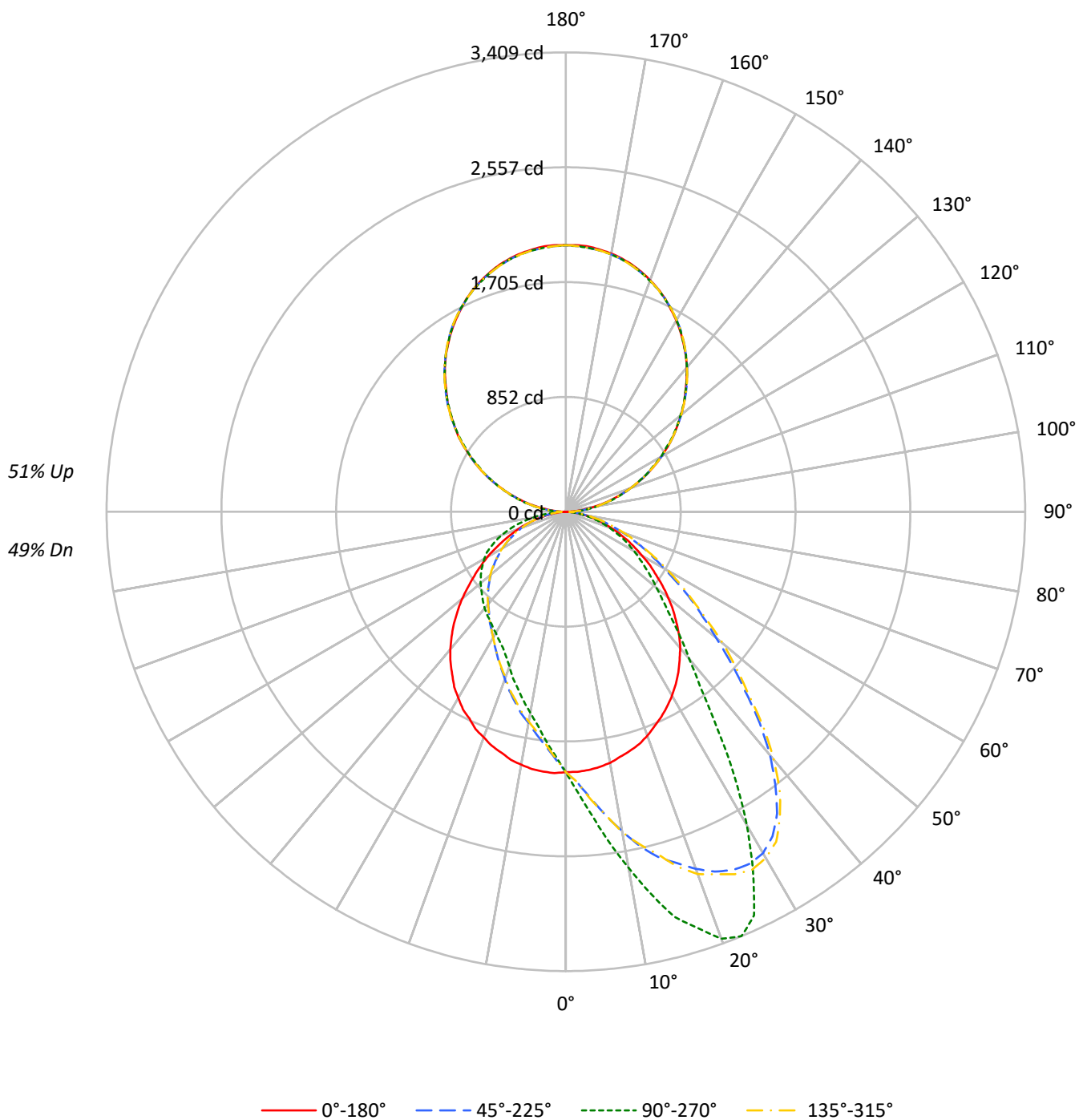
Lumens per Lamp: N/A
Luminaire Lumens: 10823.0 lumens
Efficiency: N/A
Efficacy: 95.4 lumens/watt
Spacing Criteria (0/90/45): 1.22 / 1.3 / 1.41
Luminous Opening: Rectangular w/ Sides (W: 0.33' x L: 4' x H: 0.1')
CIE Type: General Diffuse

Input Watts (W): 113.5
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	107	107	107	107	99	99	99	99	83	83	83	69	69	69	55	55	55
1	98	94	90	86	90	86	83	80	73	71	69	61	59	58	49	48	47
2	89	82	76	71	82	76	71	66	64	60	57	54	51	48	44	42	40
3	82	72	65	59	75	67	61	56	57	52	48	48	44	41	39	36	34
4	75	64	56	50	69	59	53	47	51	45	41	43	39	35	35	32	30
5	69	57	49	43	63	53	46	41	45	40	36	38	34	31	32	29	26
6	63	51	43	38	58	48	41	35	41	35	31	35	30	27	29	26	23
7	59	46	39	33	54	43	36	31	37	32	28	32	27	24	26	23	21
8	54	42	35	29	50	39	32	28	34	28	25	29	25	22	24	21	18
9	51	39	31	26	47	36	29	25	31	26	22	27	22	19	22	19	17
10	47	35	28	23	44	33	27	22	29	23	20	25	20	18	21	17	15

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	15751	15751	15751	15751
5°	15712	18070	15803	13578
10°	15594	21082	15713	11912
15°	15406	24304	15513	10659
20°	15207	26353	15317	9556
25°	14916	26052	15058	8743
30°	14631	21533	14809	8323
35°	14232	16047	14389	8069
40°	13765	12088	13898	7945
45°	13053	9702	13215	7776
50°	12203	8174	12381	7697
55°	11204	7114	11380	7606
60°	10231	6264	10531	7479
65°	9320	5390	9408	7168
70°	8248	4435	8426	6600
75°	7193	3407	7147	5608
80°	5659	2239	5593	4256
85°	3726	1006	3493	2482

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 145°

Vertical Angle: 45°

Luminance: 20367 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	188.0	1.7
10°-20°	580.2	5.4
20°-30°	921.8	8.5
30°-40°	1024.3	9.5
40°-50°	931.5	8.6
50°-60°	761.2	7.0
60°-70°	543.3	5.0
70°-80°	299.0	2.8
80°-90°	85.0	0.8
90°-100°	129.0	1.2
100°-110°	386.2	3.6
110°-120°	656.1	6.1
120°-130°	865.3	8.0
130°-140°	971.9	9.0
140°-150°	955.2	8.8
150°-160°	803.4	7.4
160°-170°	534.5	4.9
170°-180°	187.2	1.7
0°-30°	1690.0	15.6
0°-40°	2714.3	25.1
0°-60°	4406.9	40.7
0°-90°	5334.2	49.3
90°-120°	1171.3	10.8
90°-150°	3963.6	36.6
90°-180°	5489.0	50.7
0°-180°	10823.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1932	1932	1932	1932	1932	
5°	1924	2266	1935	1703	1924	183
15°	1837	3113	1850	1365	1837	518
25°	1677	3305	1693	1109	1677	773
35°	1455	1954	1471	983	1455	909
45°	1160	1096	1175	879	1160	895
55°	816	717	829	766	816	734
65°	509	461	514	613	509	503
75°	250	230	248	379	250	262
85°	51	48	48	118	51	60
90°	5	46	5	46	5	10
95°	92	121	92	121	92	99
105°	356	373	356	373	356	378
115°	667	661	667	661	667	658
125°	972	964	972	964	972	866
135°	1253	1254	1253	1254	1253	969
145°	1522	1524	1522	1524	1522	953
155°	1744	1743	1744	1743	1744	803
165°	1899	1894	1899	1894	1899	535
175°	1975	1966	1975	1966	1975	188
180°	1978	1978	1978	1978	1978	

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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	1931.6	1931.6	1931.6	1931.6	1931.6	1931.6	1931.6	1931.6	1931.6	1931.6	1931.6
2.5°	1931.6	1950.8	1958.8	1965.2	1986.0	1992.4	1994.0	2003.6	2011.6	2013.2	2013.2
5°	1923.6	1954.0	1978.0	2000.4	2034.0	2048.4	2066.0	2085.2	2110.8	2126.8	2134.8
7.5°	1910.8	1955.6	1992.4	2030.8	2077.2	2106.0	2122.0	2173.2	2208.4	2237.2	2272.4
10°	1891.6	1949.2	2002.0	2058.0	2123.6	2158.8	2194.0	2256.4	2306.0	2362.0	2406.8
12.5°	1862.7	1938.0	2002.0	2080.4	2162.0	2203.6	2245.2	2354.0	2411.6	2461.3	2541.3
15°	1837.1	1912.4	2003.6	2083.6	2184.4	2246.8	2307.6	2378.0	2469.3	2576.5	2653.3
17.5°	1808.3	1902.8	1987.6	2099.6	2211.6	2270.8	2320.4	2429.3	2557.3	2662.9	2733.3
20°	1768.3	1864.3	1976.4	2094.8	2227.6	2274.0	2339.6	2485.3	2600.5	2704.5	2819.7
22.5°	1721.9	1833.9	1952.4	2066.0	2203.6	2301.2	2373.2	2501.3	2640.5	2760.5	2890.1
25°	1677.1	1798.7	1902.8	2058.0	2203.6	2269.2	2350.8	2502.9	2654.9	2800.5	2933.3
27.5°	1629.1	1742.7	1883.6	2006.8	2171.6	2243.6	2331.6	2498.1	2659.7	2805.3	2947.7
30°	1576.3	1697.9	1814.7	1960.4	2120.4	2213.2	2294.8	2475.7	2640.5	2792.5	2925.3
32.5°	1517.1	1632.3	1757.1	1894.8	2062.8	2157.2	2259.6	2445.3	2621.3	2752.5	2854.9
35°	1454.7	1571.5	1680.3	1821.1	1994.0	2088.4	2187.6	2392.4	2566.9	2674.1	2733.3
37.5°	1385.9	1496.3	1603.5	1742.7	1915.6	2016.4	2117.2	2315.6	2480.5	2570.1	2554.1
40°	1320.2	1419.5	1518.7	1649.9	1830.7	1938.0	2026.0	2226.0	2370.0	2408.4	2355.6
42.5°	1245.0	1329.8	1425.9	1560.3	1736.3	1837.1	1947.6	2130.0	2237.2	2221.2	2131.6
45°	1160.2	1235.4	1331.4	1457.9	1637.1	1741.1	1833.9	2006.8	2085.2	2045.2	1882.0
47.5°	1078.6	1152.2	1230.6	1357.1	1531.5	1619.5	1713.9	1869.1	1914.0	1829.1	1665.9
50°	990.6	1051.4	1133.0	1253.0	1416.3	1509.1	1587.5	1712.3	1728.3	1624.3	1454.7
52.5°	905.8	957.0	1035.4	1153.8	1305.8	1379.5	1456.3	1566.7	1553.9	1446.7	1283.4
55°	816.2	864.2	936.2	1045.0	1179.4	1249.8	1315.4	1413.1	1385.9	1275.4	1133.0
57.5°	740.9	774.5	845.0	945.8	1056.2	1133.0	1189.0	1265.8	1224.2	1113.8	981.0
60°	654.5	696.1	755.3	837.0	945.8	997.0	1046.6	1097.8	1069.0	963.4	845.0
62.5°	576.1	608.1	659.3	737.7	822.6	869.0	921.8	953.8	925.0	827.4	728.1
65°	508.9	534.5	574.5	638.5	720.1	758.5	788.9	819.4	795.3	704.1	632.1
67.5°	435.3	457.7	491.3	542.5	611.3	638.5	667.3	688.1	660.9	600.1	529.7
70°	369.7	385.7	417.7	456.1	504.1	529.7	553.7	574.5	550.5	499.3	446.5
72.5°	302.5	315.3	344.1	371.3	414.5	432.1	449.7	465.7	457.7	409.7	366.5
75°	249.6	254.4	273.7	296.1	323.3	342.5	355.3	364.9	358.5	320.1	292.9
77.5°	188.8	195.2	209.6	227.2	251.2	262.4	270.5	280.1	272.1	241.6	222.4
80°	137.6	139.2	147.2	163.2	179.2	180.8	188.8	201.6	196.8	176.0	161.6
82.5°	88.0	92.8	96.0	105.6	116.8	120.0	124.8	128.0	126.4	113.6	108.8
85°	51.2	51.2	54.4	60.8	64.0	68.8	70.4	72.0	75.2	67.2	62.4
87.5°	22.4	24.0	24.0	25.6	28.8	28.8	30.4	32.0	33.6	32.0	27.2
90°	4.6	8.3	12.1	15.8	19.5	21.4	22.8	25.5	28.2	31.0	33.7
92.5°	39.8	44.2	48.6	53.1	57.5	59.7	60.5	62.2	63.9	65.6	67.3
95°	91.8	94.9	97.9	101.0	104.1	105.6	106.8	109.2	111.5	113.9	116.3
97.5°	146.9	149.6	152.3	155.0	157.7	159.1	160.5	163.2	165.9	168.7	171.4
100°	214.2	215.6	216.9	218.3	219.6	220.3	221.8	224.9	228.0	231.0	234.1
102.5°	284.6	284.9	285.3	285.6	285.9	286.1	287.5	290.2	292.9	295.6	298.3
105°	356.5	356.8	357.2	357.5	357.8	358.0	358.7	360.0	361.4	362.7	364.1
107.5°	431.4	431.8	432.1	432.5	432.8	433.0	433.2	433.5	433.8	434.2	434.5
110°	507.9	508.6	509.3	510.0	510.7	511.0	510.8	510.5	510.2	509.8	509.5

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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	587.5	587.5	587.5	587.5	587.5	587.5	587.2	586.5	585.8	585.1	584.4
115°	667.0	667.0	667.0	667.0	667.0	667.0	666.7	666.0	665.3	664.7	664.0
117.5°	742.0	742.0	742.0	742.0	742.0	742.0	741.8	741.5	741.2	740.8	740.5
120°	817.0	818.4	819.7	821.1	822.4	823.1	822.6	821.6	820.5	819.5	818.5
122.5°	895.0	895.3	895.7	896.0	896.3	896.5	896.3	896.0	895.7	895.3	895.0
125°	971.5	971.5	971.5	971.5	971.5	971.5	971.3	971.0	970.7	970.3	970.0
127.5°	1040.4	1041.4	1042.4	1043.4	1044.4	1044.9	1044.6	1043.9	1043.2	1042.6	1041.9
130°	1113.8	1114.8	1115.8	1116.9	1117.9	1118.4	1118.4	1118.4	1118.4	1118.4	1118.4
132.5°	1188.8	1189.5	1190.1	1190.8	1191.5	1191.8	1191.6	1191.3	1191.0	1190.6	1190.3
135°	1253.0	1255.0	1257.1	1259.1	1261.2	1262.2	1262.2	1262.2	1262.2	1262.2	1262.2
137.5°	1324.9	1325.9	1326.9	1328.0	1329.0	1329.5	1329.8	1330.5	1331.2	1331.9	1332.6
140°	1396.8	1397.5	1398.2	1398.9	1399.6	1399.9	1399.9	1399.9	1399.9	1399.9	1399.9
142.5°	1462.6	1463.3	1464.0	1464.7	1465.4	1465.7	1465.5	1465.2	1464.8	1464.5	1464.1
145°	1522.3	1523.7	1525.0	1526.4	1527.7	1528.4	1528.6	1528.9	1529.2	1529.6	1529.9
147.5°	1583.5	1585.2	1586.9	1588.6	1590.3	1591.1	1590.9	1590.6	1590.3	1589.9	1589.6
150°	1638.6	1640.0	1641.3	1642.7	1644.0	1644.7	1644.7	1644.7	1644.7	1644.7	1644.7
152.5°	1690.6	1691.3	1691.9	1692.6	1693.3	1693.6	1693.8	1694.1	1694.5	1694.8	1695.2
155°	1744.1	1744.1	1744.1	1744.1	1744.1	1744.1	1743.9	1743.6	1743.3	1742.9	1742.6
157.5°	1790.0	1789.3	1788.7	1788.0	1787.3	1787.0	1787.0	1787.0	1787.0	1787.0	1787.0
160°	1829.8	1829.5	1829.1	1828.8	1828.5	1828.3	1828.1	1827.8	1827.4	1827.1	1826.7
162.5°	1866.5	1865.5	1864.5	1863.4	1862.4	1861.9	1861.7	1861.4	1861.1	1860.7	1860.4
165°	1898.6	1897.6	1896.6	1895.6	1894.6	1894.1	1893.8	1893.1	1892.4	1891.7	1891.0
167.5°	1924.7	1923.3	1921.9	1920.6	1919.2	1918.5	1918.5	1918.5	1918.5	1918.5	1918.5
170°	1946.1	1944.4	1942.7	1941.0	1939.3	1938.4	1938.6	1938.9	1939.2	1939.6	1939.9
172.5°	1961.4	1960.0	1958.6	1957.3	1955.9	1955.2	1955.2	1955.2	1955.2	1955.2	1955.2
175°	1975.1	1973.4	1971.7	1970.0	1968.3	1967.5	1967.3	1967.0	1966.7	1966.3	1966.0
177.5°	1981.3	1979.6	1977.9	1976.2	1974.5	1973.6	1973.6	1973.6	1973.6	1973.6	1973.6
180°	1978.2	1978.2	1978.2	1978.2	1978.2	1978.2	1978.2	1978.2	1978.2	1978.2	1978.2

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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	1931.6	1931.6	1931.6	1931.6	1931.6	1931.6	1931.6	1931.6	1931.6	1931.6	1931.6
2.5°	2018.0	2046.8	2059.6	2062.8	2080.4	2069.2	2074.0	2072.4	2085.2	2086.8	2086.8
5°	2165.2	2198.8	2210.0	2226.0	2250.0	2256.4	2251.6	2261.2	2278.8	2266.0	2285.2
7.5°	2320.4	2357.2	2382.8	2418.1	2426.1	2446.9	2459.7	2470.9	2474.1	2475.7	2478.9
10°	2464.5	2510.9	2546.1	2605.3	2618.1	2629.3	2685.3	2662.9	2691.7	2682.1	2685.3
12.5°	2581.3	2672.5	2701.3	2800.5	2810.1	2848.5	2845.3	2880.5	2886.9	2899.7	2886.9
15°	2734.9	2840.5	2886.9	2942.9	2975.0	3019.8	3027.8	3075.8	3095.0	3112.6	3095.0
17.5°	2875.7	2931.7	3050.2	3095.0	3115.8	3139.8	3200.6	3218.2	3247.0	3235.8	3267.8
20°	2946.1	3026.2	3151.0	3227.8	3259.8	3282.2	3333.4	3360.6	3371.8	3371.8	3375.0
22.5°	3008.6	3123.8	3216.6	3304.6	3333.4	3349.4	3379.8	3400.6	3405.4	3408.6	3411.8
25°	3064.6	3168.6	3243.8	3293.4	3304.6	3304.6	3322.2	3309.4	3288.6	3304.6	3314.2
27.5°	3064.6	3138.2	3171.8	3189.4	3189.4	3146.2	3120.6	3067.8	3023.0	3010.2	3039.0
30°	3013.4	3047.0	3000.6	2957.4	2923.7	2894.9	2794.1	2714.1	2698.1	2686.9	2730.1
32.5°	2894.9	2851.7	2760.5	2635.7	2586.1	2520.5	2442.1	2381.2	2344.4	2331.6	2322.0
35°	2685.3	2573.3	2454.9	2286.8	2251.6	2168.4	2061.2	2016.4	1955.6	1954.0	1974.8
37.5°	2456.5	2283.6	2155.6	1995.6	1946.0	1857.9	1757.1	1710.7	1669.1	1637.1	1675.5
40°	2189.2	2038.8	1843.5	1712.3	1641.9	1595.5	1510.7	1459.5	1440.3	1424.3	1448.3
42.5°	1939.6	1774.7	1622.7	1488.3	1430.7	1377.9	1321.8	1272.2	1257.8	1256.2	1273.8
45°	1691.5	1529.9	1389.1	1273.8	1237.0	1205.0	1150.6	1136.2	1112.2	1096.2	1104.2
47.5°	1493.1	1326.6	1209.8	1121.8	1089.8	1062.6	1027.4	1003.4	982.6	976.2	985.8
50°	1297.8	1185.8	1065.8	992.2	968.2	942.6	915.4	893.0	883.4	877.0	883.4
52.5°	1141.0	1021.0	939.4	880.2	856.2	837.0	817.8	808.2	795.3	798.5	804.9
55°	1000.2	894.6	825.8	782.5	768.1	760.1	736.1	724.9	720.1	716.9	720.1
57.5°	867.4	790.5	739.3	702.5	683.3	678.5	659.3	659.3	654.5	649.7	651.3
60°	761.7	696.1	646.5	617.7	614.5	606.5	593.7	592.1	580.9	585.7	587.3
62.5°	654.5	601.7	568.1	550.5	539.3	536.1	528.1	526.5	521.7	523.3	520.1
65°	569.7	526.5	492.9	478.5	473.7	472.1	465.7	460.9	457.7	460.9	457.7
67.5°	484.9	456.1	430.5	416.1	409.7	408.1	403.3	400.1	401.7	396.9	400.1
70°	404.9	376.1	360.1	352.1	348.9	344.1	344.1	344.1	344.1	340.9	339.3
72.5°	340.9	312.1	300.9	296.1	292.9	291.3	286.5	288.1	286.5	284.9	291.3
75°	270.5	252.8	241.6	236.8	240.0	235.2	230.4	233.6	228.8	230.4	236.8
77.5°	204.8	196.8	190.4	187.2	184.0	180.8	180.8	177.6	177.6	177.6	177.6
80°	148.8	147.2	136.0	134.4	134.4	131.2	131.2	131.2	131.2	129.6	131.2
82.5°	99.2	97.6	94.4	92.8	89.6	91.2	91.2	88.0	88.0	86.4	88.0
85°	57.6	57.6	54.4	52.8	51.2	52.8	49.6	48.0	49.6	48.0	49.6
87.5°	27.2	24.0	25.6	24.0	20.8	22.4	19.2	20.8	19.2	17.6	20.8
90°	35.7	37.7	39.8	41.8	42.8	43.1	43.8	44.5	45.2	45.9	45.2
92.5°	68.3	69.3	70.4	71.4	71.9	72.1	72.4	72.7	73.1	73.4	73.1
95°	117.3	118.3	119.4	120.4	120.9	120.9	120.9	120.9	120.9	120.9	120.9
97.5°	172.8	174.1	175.5	176.8	177.5	177.5	177.5	177.5	177.5	177.5	177.5
100°	234.8	235.4	236.1	236.8	237.1	237.1	237.1	237.1	237.1	237.1	237.1
102.5°	299.3	300.3	301.4	302.4	302.9	303.1	303.4	303.8	304.1	304.5	304.1
105°	365.1	366.1	367.2	368.2	368.7	369.2	370.2	371.3	372.3	373.3	372.3
107.5°	435.9	437.2	438.6	439.9	440.6	440.4	440.1	439.8	439.4	439.1	439.4
110°	508.8	508.1	507.4	506.7	506.4	506.9	507.9	509.0	510.0	511.0	510.0

TEST NUMBER: P1033303

CATALOG NUMBER: S124DIW-B1195D1560UB30-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	584.4	584.4	584.4	584.4	584.4	584.4	584.4	584.4	584.4	584.4	584.4
115°	663.7	663.3	663.0	662.7	662.5	662.3	662.0	661.6	661.3	660.9	661.3
117.5°	739.5	738.5	737.4	736.4	735.9	735.4	734.4	733.3	732.3	731.3	732.3
120°	816.8	815.1	813.4	811.7	810.9	811.2	811.9	812.6	813.2	813.9	813.2
122.5°	894.0	893.0	891.9	890.9	890.4	889.6	887.9	886.2	884.5	882.8	884.5
125°	969.3	968.6	967.9	967.2	966.9	966.6	965.9	965.2	964.6	963.9	964.6
127.5°	1041.2	1040.5	1039.8	1039.1	1038.8	1038.6	1038.3	1038.0	1037.6	1037.3	1037.6
130°	1117.7	1117.0	1116.3	1115.6	1115.3	1114.6	1113.3	1111.9	1110.6	1109.2	1110.6
132.5°	1189.6	1188.9	1188.2	1187.5	1187.2	1187.0	1186.7	1186.4	1186.0	1185.7	1186.0
135°	1261.5	1260.8	1260.1	1259.4	1259.1	1258.6	1257.6	1256.5	1255.5	1254.5	1255.5
137.5°	1331.6	1330.6	1329.5	1328.5	1328.0	1328.2	1328.5	1328.8	1329.2	1329.5	1329.2
140°	1399.6	1399.2	1398.9	1398.6	1398.4	1398.2	1397.9	1397.5	1397.2	1396.8	1397.2
142.5°	1464.1	1464.1	1464.1	1464.1	1464.1	1464.1	1464.1	1464.1	1464.1	1464.1	1464.1
145°	1529.6	1529.2	1528.9	1528.6	1528.4	1527.9	1526.9	1525.8	1524.8	1523.8	1524.8
147.5°	1589.3	1588.9	1588.6	1588.3	1588.1	1587.9	1587.6	1587.2	1586.9	1586.5	1586.9
150°	1644.7	1644.7	1644.7	1644.7	1644.7	1644.5	1644.2	1643.8	1643.5	1643.1	1643.5
152.5°	1696.2	1697.2	1698.3	1699.3	1699.8	1699.3	1698.3	1697.2	1696.2	1695.2	1696.2
155°	1744.0	1745.3	1746.7	1748.0	1748.7	1748.0	1746.7	1745.3	1744.0	1742.6	1744.0
157.5°	1788.0	1789.0	1790.0	1791.0	1791.5	1791.0	1790.0	1789.0	1788.0	1787.0	1788.0
160°	1827.7	1828.7	1829.8	1830.8	1831.3	1830.5	1828.8	1827.1	1825.4	1823.7	1825.4
162.5°	1862.4	1864.5	1866.5	1868.6	1869.6	1868.7	1867.0	1865.3	1863.6	1861.9	1863.6
165°	1893.0	1895.1	1897.1	1899.2	1900.2	1899.5	1898.2	1896.8	1895.5	1894.1	1895.5
167.5°	1920.5	1922.6	1924.6	1926.7	1927.7	1926.7	1924.6	1922.6	1920.5	1918.5	1920.5
170°	1941.9	1944.0	1946.0	1948.1	1949.1	1947.9	1945.5	1943.2	1940.8	1938.4	1940.8
172.5°	1957.6	1960.0	1962.4	1964.8	1966.0	1964.8	1962.4	1960.0	1957.6	1955.2	1957.6
175°	1968.4	1970.8	1973.1	1975.5	1976.7	1975.5	1973.1	1970.8	1968.4	1966.0	1968.4
177.5°	1976.0	1978.4	1980.7	1983.1	1984.3	1982.9	1980.2	1977.5	1974.8	1972.1	1974.8
180°	1978.2	1978.2	1978.2	1978.2	1978.2	1978.2	1978.2	1978.2	1978.2	1978.2	1978.2

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CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	1931.6	1931.6	1931.6	1931.6	1931.6	1931.6	1931.6	1931.6	1931.6	1931.6	1931.6
2.5°	2083.6	2078.8	2072.4	2072.4	2064.4	2064.4	2051.6	2029.2	2010.0	2003.6	2006.8
5°	2261.2	2262.8	2253.2	2245.2	2230.8	2219.6	2198.8	2158.8	2146.0	2120.4	2102.8
7.5°	2464.5	2458.1	2440.5	2427.7	2424.5	2398.8	2354.0	2306.0	2267.6	2242.0	2205.2
10°	2693.3	2667.7	2642.1	2634.1	2614.9	2571.7	2520.5	2467.7	2414.8	2358.8	2296.4
12.5°	2885.3	2835.7	2834.1	2814.9	2778.1	2754.1	2693.3	2618.1	2526.9	2464.5	2394.0
15°	3091.8	3045.4	3007.0	2971.8	2954.2	2883.7	2832.5	2738.1	2629.3	2562.1	2514.1
17.5°	3239.0	3218.2	3152.6	3136.6	3112.6	3031.0	2949.3	2856.5	2762.1	2667.7	2538.1
20°	3357.4	3344.6	3301.4	3279.0	3240.6	3176.6	3077.4	2970.2	2861.3	2726.9	2605.3
22.5°	3408.6	3392.6	3357.4	3338.2	3314.2	3259.8	3175.0	3053.4	2910.9	2790.9	2661.3
25°	3307.8	3336.6	3327.0	3319.0	3309.4	3277.4	3213.4	3106.2	2967.0	2830.9	2669.3
27.5°	3080.6	3130.2	3178.2	3184.6	3200.6	3213.4	3187.8	3111.0	2994.2	2850.1	2672.5
30°	2774.9	2797.3	2894.9	2923.7	2946.1	3027.8	3075.8	3056.6	2967.0	2837.3	2674.1
32.5°	2382.8	2442.1	2541.3	2610.1	2670.9	2762.1	2886.9	2936.5	2904.5	2798.9	2637.3
35°	2011.6	2082.0	2197.2	2285.2	2346.0	2475.7	2622.9	2730.1	2770.1	2717.3	2573.3
37.5°	1707.5	1792.3	1894.8	1928.4	1998.8	2158.8	2362.0	2510.9	2608.5	2613.3	2501.3
40°	1478.7	1521.9	1603.5	1654.7	1723.5	1857.9	2056.4	2253.2	2400.4	2450.1	2390.8
42.5°	1285.0	1318.6	1379.5	1441.9	1504.3	1606.7	1789.1	1973.2	2171.6	2270.8	2269.2
45°	1131.4	1166.6	1208.2	1259.4	1302.6	1413.1	1557.1	1745.9	1917.2	2070.8	2109.2
47.5°	997.0	1027.4	1078.6	1101.0	1129.8	1233.8	1358.7	1534.7	1712.3	1888.4	1933.2
50°	897.8	923.4	958.6	973.0	1005.0	1081.8	1184.2	1326.6	1523.5	1685.1	1768.3
52.5°	808.2	827.4	854.6	865.8	888.2	945.8	1038.6	1150.6	1313.8	1480.3	1597.1
55°	731.3	744.1	763.3	776.1	792.1	843.4	912.2	1013.0	1153.8	1297.8	1411.5
57.5°	659.3	668.9	688.1	694.5	707.3	747.3	795.3	880.2	1009.8	1137.8	1248.2
60°	592.1	598.5	609.7	624.1	633.7	660.9	705.7	776.1	880.2	997.0	1086.6
62.5°	528.1	537.7	540.9	547.3	555.3	580.9	616.1	667.3	758.5	854.6	949.0
65°	462.5	470.5	476.9	478.5	486.5	505.7	537.7	582.5	641.7	724.9	813.0
67.5°	401.7	406.5	409.7	416.1	424.1	433.7	459.3	492.9	547.3	614.5	684.9
70°	345.7	345.7	350.5	352.1	361.7	372.9	384.1	416.1	464.1	518.5	566.5
72.5°	284.9	292.9	291.3	299.3	297.7	305.7	320.1	340.9	376.1	419.3	465.7
75°	232.0	236.8	236.8	236.8	240.0	246.4	254.4	273.7	300.9	336.1	363.3
77.5°	180.8	184.0	184.0	184.0	185.6	192.0	200.0	212.8	232.0	252.8	268.9
80°	129.6	132.8	132.8	136.0	136.0	137.6	145.6	152.0	161.6	177.6	193.6
82.5°	88.0	89.6	92.8	92.8	91.2	94.4	96.0	102.4	112.0	115.2	126.4
85°	48.0	49.6	51.2	51.2	52.8	56.0	54.4	60.8	60.8	67.2	70.4
87.5°	19.2	22.4	22.4	20.8	22.4	22.4	22.4	25.6	27.2	28.8	27.2
90°	44.5	43.8	43.1	42.8	41.8	39.8	37.7	35.7	33.7	31.0	28.2
92.5°	72.7	72.4	72.1	71.9	71.4	70.4	69.3	68.3	67.3	65.6	63.9
95°	120.9	120.9	120.9	120.9	120.4	119.4	118.3	117.3	116.3	113.9	111.5
97.5°	177.5	177.5	177.5	177.5	176.8	175.5	174.1	172.8	171.4	168.7	165.9
100°	237.1	237.1	237.1	237.1	236.8	236.1	235.4	234.8	234.1	231.0	228.0
102.5°	303.8	303.4	303.1	302.9	302.4	301.4	300.3	299.3	298.3	295.6	292.9
105°	371.3	370.2	369.2	368.7	368.2	367.2	366.1	365.1	364.1	362.7	361.4
107.5°	439.8	440.1	440.4	440.6	439.9	438.6	437.2	435.9	434.5	434.2	433.8
110°	509.0	507.9	506.9	506.4	506.7	507.4	508.1	508.8	509.5	509.8	510.2

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CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	584.4	584.4	584.4	584.4	584.4	584.4	584.4	584.4	584.4	585.1	585.8
115°	661.6	662.0	662.3	662.5	662.7	663.0	663.3	663.7	664.0	664.7	665.3
117.5°	733.3	734.4	735.4	735.9	736.4	737.4	738.5	739.5	740.5	740.8	741.2
120°	812.6	811.9	811.2	810.9	811.7	813.4	815.1	816.8	818.5	819.5	820.5
122.5°	886.2	887.9	889.6	890.4	890.9	891.9	893.0	894.0	895.0	895.3	895.7
125°	965.2	965.9	966.6	966.9	967.2	967.9	968.6	969.3	970.0	970.3	970.7
127.5°	1038.0	1038.3	1038.6	1038.8	1039.1	1039.8	1040.5	1041.2	1041.9	1042.6	1043.2
130°	1111.9	1113.3	1114.6	1115.3	1115.6	1116.3	1117.0	1117.7	1118.4	1118.4	1118.4
132.5°	1186.4	1186.7	1187.0	1187.2	1187.5	1188.2	1188.9	1189.6	1190.3	1190.6	1191.0
135°	1256.5	1257.6	1258.6	1259.1	1259.4	1260.1	1260.8	1261.5	1262.2	1262.2	1262.2
137.5°	1328.8	1328.5	1328.2	1328.0	1328.5	1329.5	1330.6	1331.6	1332.6	1331.9	1331.2
140°	1397.5	1397.9	1398.2	1398.4	1398.6	1398.9	1399.2	1399.6	1399.9	1399.9	1399.9
142.5°	1464.1	1464.1	1464.1	1464.1	1464.1	1464.1	1464.1	1464.1	1464.1	1464.5	1464.8
145°	1525.8	1526.9	1527.9	1528.4	1528.6	1528.9	1529.2	1529.6	1529.9	1529.6	1529.2
147.5°	1587.2	1587.6	1587.9	1588.1	1588.3	1588.6	1588.9	1589.3	1589.6	1589.9	1590.3
150°	1643.8	1644.2	1644.5	1644.7	1644.7	1644.7	1644.7	1644.7	1644.7	1644.7	1644.7
152.5°	1697.2	1698.3	1699.3	1699.8	1699.3	1698.3	1697.2	1696.2	1695.2	1694.8	1694.5
155°	1745.3	1746.7	1748.0	1748.7	1748.0	1746.7	1745.3	1744.0	1742.6	1742.9	1743.3
157.5°	1789.0	1790.0	1791.0	1791.5	1791.0	1790.0	1789.0	1788.0	1787.0	1787.0	1787.0
160°	1827.1	1828.8	1830.5	1831.3	1830.8	1829.8	1828.7	1827.7	1826.7	1827.1	1827.4
162.5°	1865.3	1867.0	1868.7	1869.6	1868.6	1866.5	1864.5	1862.4	1860.4	1860.7	1861.1
165°	1896.8	1898.2	1899.5	1900.2	1899.2	1897.1	1895.1	1893.0	1891.0	1891.7	1892.4
167.5°	1922.6	1924.6	1926.7	1927.7	1926.7	1924.6	1922.6	1920.5	1918.5	1918.5	1918.5
170°	1943.2	1945.5	1947.9	1949.1	1948.1	1946.0	1944.0	1941.9	1939.9	1939.6	1939.2
172.5°	1960.0	1962.4	1964.8	1966.0	1964.8	1962.4	1960.0	1957.6	1955.2	1955.2	1955.2
175°	1970.8	1973.1	1975.5	1976.7	1975.5	1973.1	1970.8	1968.4	1966.0	1966.3	1966.7
177.5°	1977.5	1980.2	1982.9	1984.3	1983.1	1980.7	1978.4	1976.0	1973.6	1973.6	1973.6
180°	1978.2	1978.2	1978.2	1978.2	1978.2	1978.2	1978.2	1978.2	1978.2	1978.2	1978.2

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CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
0°	1931.6	1931.6	1931.6	1931.6	1931.6	1931.6	1931.6	1931.6	1931.6	1931.6	1931.6
2.5°	1992.4	1986.0	1981.2	1981.2	1966.8	1952.4	1944.4	1941.2	1938.0	1925.2	1907.6
5°	2074.0	2053.2	2038.8	2024.4	2000.4	1974.8	1949.2	1934.8	1914.0	1885.2	1864.3
7.5°	2165.2	2115.6	2099.6	2082.0	2034.0	1990.8	1955.6	1925.2	1891.6	1854.7	1817.9
10°	2242.0	2189.2	2154.0	2123.6	2061.2	2003.6	1950.8	1906.0	1862.7	1814.7	1769.9
12.5°	2315.6	2240.4	2203.6	2158.8	2093.2	2010.0	1941.2	1885.2	1821.1	1771.5	1717.1
15°	2418.1	2291.6	2230.8	2202.0	2114.0	2016.4	1933.2	1849.9	1797.1	1721.9	1673.9
17.5°	2434.1	2331.6	2291.6	2218.0	2112.4	2002.0	1906.0	1822.7	1742.7	1675.5	1613.1
20°	2490.1	2355.6	2291.6	2245.2	2106.0	1994.0	1888.4	1781.1	1704.3	1632.3	1561.9
22.5°	2525.3	2373.2	2306.0	2232.4	2099.6	1965.2	1840.3	1747.5	1653.1	1579.5	1523.5
25°	2515.7	2363.6	2288.4	2219.6	2058.0	1923.6	1811.5	1693.1	1605.1	1525.1	1451.5
27.5°	2510.9	2339.6	2259.6	2182.8	2030.8	1890.0	1749.1	1653.1	1555.5	1462.7	1408.3
30°	2498.1	2309.2	2216.4	2133.2	1974.8	1827.5	1707.5	1595.5	1497.9	1413.1	1341.0
32.5°	2454.9	2258.0	2168.4	2078.8	1914.0	1766.7	1645.1	1541.1	1443.5	1355.5	1286.6
35°	2397.2	2197.2	2099.6	2005.2	1840.3	1691.5	1579.5	1470.7	1379.5	1294.6	1229.0
37.5°	2339.6	2126.8	2035.6	1926.8	1774.7	1619.5	1504.3	1406.7	1321.8	1233.8	1161.8
40°	2256.4	2043.6	1942.8	1849.9	1672.3	1526.7	1421.1	1333.0	1249.8	1166.6	1105.8
42.5°	2142.8	1952.4	1848.3	1745.9	1579.5	1435.5	1333.0	1254.6	1176.2	1107.4	1040.2
45°	2027.6	1841.9	1749.1	1657.9	1477.1	1341.0	1246.6	1174.6	1109.0	1033.8	979.4
47.5°	1888.4	1731.5	1638.7	1549.1	1377.9	1241.8	1155.4	1088.2	1027.4	965.0	913.8
50°	1745.9	1609.9	1525.1	1432.3	1269.0	1145.8	1061.0	1005.0	955.4	896.2	854.6
52.5°	1592.3	1473.9	1401.9	1312.2	1168.2	1054.6	968.2	912.2	870.6	827.4	790.5
55°	1429.1	1342.7	1265.8	1193.8	1057.8	955.4	878.6	829.0	800.1	760.1	728.1
57.5°	1281.8	1198.6	1152.2	1070.6	952.2	851.4	790.5	748.9	715.3	691.3	665.7
60°	1128.2	1061.0	1009.8	950.6	846.6	761.7	697.7	673.7	638.5	620.9	609.7
62.5°	981.0	933.0	885.0	840.2	747.3	667.3	619.3	588.9	568.1	550.5	540.9
65°	841.8	796.9	763.3	723.3	646.5	582.5	537.7	513.7	492.9	488.1	476.9
67.5°	705.7	686.5	649.7	617.7	552.1	502.5	468.9	438.5	427.3	422.5	412.9
70°	590.5	568.1	539.3	512.1	462.5	419.3	388.9	377.7	361.7	360.1	348.9
72.5°	486.5	459.3	438.5	417.7	380.9	342.5	326.5	310.5	302.5	296.1	291.3
75°	385.7	366.5	352.1	334.5	302.5	276.9	254.4	248.0	243.2	241.6	238.4
77.5°	288.1	275.3	268.9	251.2	228.8	206.4	196.8	187.2	187.2	184.0	185.6
80°	204.8	196.8	188.8	179.2	160.0	150.4	142.4	136.0	132.8	131.2	132.8
82.5°	129.6	124.8	123.2	116.8	104.0	99.2	92.8	88.0	88.0	88.0	88.0
85°	72.0	72.0	72.0	62.4	57.6	52.8	49.6	48.0	48.0	48.0	49.6
87.5°	30.4	30.4	25.6	25.6	24.0	20.8	19.2	19.2	20.8	20.8	22.4
90°	25.5	22.8	21.4	19.5	15.8	12.1	8.3	4.6	8.3	12.1	15.8
92.5°	62.2	60.5	59.7	57.5	53.1	48.6	44.2	39.8	44.2	48.6	53.1
95°	109.2	106.8	105.6	104.1	101.0	97.9	94.9	91.8	94.9	97.9	101.0
97.5°	163.2	160.5	159.1	157.7	155.0	152.3	149.6	146.9	149.6	152.3	155.0
100°	224.9	221.8	220.3	219.6	218.3	216.9	215.6	214.2	215.6	216.9	218.3
102.5°	290.2	287.5	286.1	285.9	285.6	285.3	284.9	284.6	284.9	285.3	285.6
105°	360.0	358.7	358.0	357.8	357.5	357.2	356.8	356.5	356.8	357.2	357.5
107.5°	433.5	433.2	433.0	432.8	432.5	432.1	431.8	431.4	431.8	432.1	432.5
110°	510.5	510.8	511.0	510.7	510.0	509.3	508.6	507.9	508.6	509.3	510.0

TEST NUMBER: P1033303

CATALOG NUMBER: S124DIW-B1195D1560UB30-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
112.5°	586.5	587.2	587.5	587.5	587.5	587.5	587.5	587.5	587.5	587.5	587.5
115°	666.0	666.7	667.0	667.0	667.0	667.0	667.0	667.0	667.0	667.0	667.0
117.5°	741.5	741.8	742.0	742.0	742.0	742.0	742.0	742.0	742.0	742.0	742.0
120°	821.6	822.6	823.1	822.4	821.1	819.7	818.4	817.0	818.4	819.7	821.1
122.5°	896.0	896.3	896.5	896.3	896.0	895.7	895.3	895.0	895.3	895.7	896.0
125°	971.0	971.3	971.5	971.5	971.5	971.5	971.5	971.5	971.5	971.5	971.5
127.5°	1043.9	1044.6	1044.9	1044.4	1043.4	1042.4	1041.4	1040.4	1041.4	1042.4	1043.4
130°	1118.4	1118.4	1118.4	1117.9	1116.9	1115.8	1114.8	1113.8	1114.8	1115.8	1116.9
132.5°	1191.3	1191.6	1191.8	1191.5	1190.8	1190.1	1189.5	1188.8	1189.5	1190.1	1190.8
135°	1262.2	1262.2	1262.2	1261.2	1259.1	1257.1	1255.0	1253.0	1255.0	1257.1	1259.1
137.5°	1330.5	1329.8	1329.5	1329.0	1328.0	1326.9	1325.9	1324.9	1325.9	1326.9	1328.0
140°	1399.9	1399.9	1399.9	1399.6	1398.9	1398.2	1397.5	1396.8	1397.5	1398.2	1398.9
142.5°	1465.2	1465.5	1465.7	1465.4	1464.7	1464.0	1463.3	1462.6	1463.3	1464.0	1464.7
145°	1528.9	1528.6	1528.4	1527.7	1526.4	1525.0	1523.7	1522.3	1523.7	1525.0	1526.4
147.5°	1590.6	1590.9	1591.1	1590.3	1588.6	1586.9	1585.2	1583.5	1585.2	1586.9	1588.6
150°	1644.7	1644.7	1644.7	1644.0	1642.7	1641.3	1640.0	1638.6	1640.0	1641.3	1642.7
152.5°	1694.1	1693.8	1693.6	1693.3	1692.6	1691.9	1691.3	1690.6	1691.3	1691.9	1692.6
155°	1743.6	1743.9	1744.1	1744.1	1744.1	1744.1	1744.1	1744.1	1744.1	1744.1	1744.1
157.5°	1787.0	1787.0	1787.0	1787.3	1788.0	1788.7	1789.3	1790.0	1789.3	1788.7	1788.0
160°	1827.8	1828.1	1828.3	1828.5	1828.8	1829.1	1829.5	1829.8	1829.5	1829.1	1828.8
162.5°	1861.4	1861.7	1861.9	1862.4	1863.4	1864.5	1865.5	1866.5	1865.5	1864.5	1863.4
165°	1893.1	1893.8	1894.1	1894.6	1895.6	1896.6	1897.6	1898.6	1897.6	1896.6	1895.6
167.5°	1918.5	1918.5	1918.5	1919.2	1920.6	1921.9	1923.3	1924.7	1923.3	1921.9	1920.6
170°	1938.9	1938.6	1938.4	1939.3	1941.0	1942.7	1944.4	1946.1	1944.4	1942.7	1941.0
172.5°	1955.2	1955.2	1955.2	1955.9	1957.3	1958.6	1960.0	1961.4	1960.0	1958.6	1957.3
175°	1967.0	1967.3	1967.5	1968.3	1970.0	1971.7	1973.4	1975.1	1973.4	1971.7	1970.0
177.5°	1973.6	1973.6	1973.6	1974.5	1976.2	1977.9	1979.6	1981.3	1979.6	1977.9	1976.2
180°	1978.2	1978.2	1978.2	1978.2	1978.2	1978.2	1978.2	1978.2	1978.2	1978.2	1978.2

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CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
0°	1931.6	1931.6	1931.6	1931.6	1931.6	1931.6	1931.6	1931.6	1931.6	1931.6	1931.6
2.5°	1902.8	1896.4	1899.6	1883.6	1869.1	1848.3	1830.7	1827.5	1824.3	1833.9	1827.5
5°	1848.3	1840.3	1832.3	1813.1	1784.3	1766.7	1741.1	1739.5	1729.9	1715.5	1718.7
7.5°	1789.1	1784.3	1773.1	1742.7	1717.1	1686.7	1665.9	1648.3	1640.3	1627.5	1622.7
10°	1741.1	1723.5	1713.9	1680.3	1649.9	1617.9	1590.7	1577.9	1563.5	1552.3	1544.3
12.5°	1675.5	1670.7	1643.5	1616.3	1590.7	1553.9	1533.1	1496.3	1477.1	1486.7	1483.5
15°	1632.3	1609.9	1603.5	1565.1	1521.9	1497.9	1459.5	1435.5	1427.5	1413.1	1395.5
17.5°	1574.7	1560.3	1537.9	1502.7	1453.1	1419.5	1392.3	1369.9	1360.3	1341.0	1326.6
20°	1520.3	1496.3	1478.7	1446.7	1398.7	1355.5	1321.8	1307.4	1283.4	1267.4	1259.4
22.5°	1470.7	1453.1	1427.5	1379.5	1337.8	1296.2	1256.2	1235.4	1213.0	1203.4	1190.6
25°	1409.9	1381.1	1363.5	1310.6	1265.8	1232.2	1195.4	1168.2	1155.4	1139.4	1136.2
27.5°	1350.7	1323.4	1302.6	1256.2	1201.8	1158.6	1136.2	1117.0	1094.6	1094.6	1086.6
30°	1291.4	1272.2	1240.2	1195.4	1144.2	1102.6	1077.0	1059.4	1051.4	1045.0	1043.4
32.5°	1232.2	1206.6	1187.4	1126.6	1088.2	1049.8	1030.6	1016.2	1006.6	1005.0	1006.6
35°	1171.4	1142.6	1123.4	1069.0	1030.6	995.4	987.4	974.6	969.8	968.2	976.2
37.5°	1107.4	1085.0	1061.0	1016.2	973.0	952.2	936.2	931.4	929.8	939.4	942.6
40°	1048.2	1029.0	1006.6	958.6	926.6	904.2	896.2	891.4	897.8	907.4	912.2
42.5°	992.2	965.0	947.4	904.2	875.4	862.6	853.0	853.0	859.4	870.6	878.6
45°	933.0	912.2	894.6	856.2	830.6	816.2	814.6	816.2	824.2	832.2	841.8
47.5°	875.4	854.6	835.4	803.3	780.9	772.9	771.3	772.9	785.7	796.9	808.2
50°	822.6	800.1	782.5	752.1	734.5	724.9	726.5	734.5	744.1	760.1	774.5
52.5°	760.1	744.1	728.1	700.9	684.9	678.5	683.3	689.7	707.3	718.5	736.1
55°	699.3	684.9	672.1	651.3	638.5	633.7	636.9	646.5	660.9	680.1	700.9
57.5°	643.3	627.3	614.5	600.1	585.7	587.3	588.9	601.7	619.3	636.9	660.9
60°	580.9	571.3	560.1	542.5	536.1	536.1	540.9	555.3	571.3	600.1	620.9
62.5°	524.9	512.1	504.1	492.9	483.3	484.9	496.1	508.9	528.1	552.1	579.3
65°	467.3	452.9	446.5	436.9	433.7	435.3	443.3	462.5	483.3	504.1	529.7
67.5°	403.3	398.5	392.1	382.5	385.7	387.3	395.3	411.3	433.7	454.5	483.3
70°	348.9	339.3	337.7	329.7	329.7	334.5	350.5	361.7	382.5	404.9	435.3
72.5°	291.3	283.3	283.3	276.9	281.7	286.5	294.5	310.5	329.7	352.1	377.7
75°	232.0	228.8	232.0	228.8	228.8	236.8	246.4	259.2	280.1	304.1	324.9
77.5°	179.2	179.2	177.6	182.4	182.4	187.2	200.0	212.8	228.8	248.0	270.5
80°	131.2	131.2	131.2	136.0	140.8	140.8	148.8	164.8	179.2	192.0	212.8
82.5°	89.6	89.6	89.6	92.8	99.2	99.2	108.8	118.4	134.4	145.6	155.2
85°	54.4	54.4	52.8	56.0	57.6	62.4	70.4	76.8	84.8	94.4	104.0
87.5°	24.0	24.0	25.6	27.2	28.8	32.0	35.2	38.4	46.4	49.6	54.4
90°	19.5	21.4	22.8	25.5	28.2	31.0	33.7	35.7	37.7	39.8	41.8
92.5°	57.5	59.7	60.5	62.2	63.9	65.6	67.3	68.3	69.3	70.4	71.4
95°	104.1	105.6	106.8	109.2	111.5	113.9	116.3	117.3	118.3	119.4	120.4
97.5°	157.7	159.1	160.5	163.2	165.9	168.7	171.4	172.8	174.1	175.5	176.8
100°	219.6	220.3	221.8	224.9	228.0	231.0	234.1	234.8	235.4	236.1	236.8
102.5°	285.9	286.1	287.5	290.2	292.9	295.6	298.3	299.3	300.3	301.4	302.4
105°	357.8	358.0	358.7	360.0	361.4	362.7	364.1	365.1	366.1	367.2	368.2
107.5°	432.8	433.0	433.2	433.5	433.8	434.2	434.5	435.9	437.2	438.6	439.9
110°	510.7	511.0	510.8	510.5	510.2	509.8	509.5	508.8	508.1	507.4	506.7

TEST NUMBER: P1033303

CATALOG NUMBER: S124DIW-B1195D1560UB30-4F0-XX-W2A-A1

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
112.5°	587.5	587.5	587.2	586.5	585.8	585.1	584.4	584.4	584.4	584.4	584.4
115°	667.0	667.0	666.7	666.0	665.3	664.7	664.0	663.7	663.3	663.0	662.7
117.5°	742.0	742.0	741.8	741.5	741.2	740.8	740.5	739.5	738.5	737.4	736.4
120°	822.4	823.1	822.6	821.6	820.5	819.5	818.5	816.8	815.1	813.4	811.7
122.5°	896.3	896.5	896.3	896.0	895.7	895.3	895.0	894.0	893.0	891.9	890.9
125°	971.5	971.5	971.3	971.0	970.7	970.3	970.0	969.3	968.6	967.9	967.2
127.5°	1044.4	1044.9	1044.6	1043.9	1043.2	1042.6	1041.9	1041.2	1040.5	1039.8	1039.1
130°	1117.9	1118.4	1118.4	1118.4	1118.4	1118.4	1118.4	1117.7	1117.0	1116.3	1115.6
132.5°	1191.5	1191.8	1191.6	1191.3	1191.0	1190.6	1190.3	1189.6	1188.9	1188.2	1187.5
135°	1261.2	1262.2	1262.2	1262.2	1262.2	1262.2	1262.2	1261.5	1260.8	1260.1	1259.4
137.5°	1329.0	1329.5	1329.8	1330.5	1331.2	1331.9	1332.6	1331.6	1330.6	1329.5	1328.5
140°	1399.6	1399.9	1399.9	1399.9	1399.9	1399.9	1399.9	1399.6	1399.2	1398.9	1398.6
142.5°	1465.4	1465.7	1465.5	1465.2	1464.8	1464.5	1464.1	1464.1	1464.1	1464.1	1464.1
145°	1527.7	1528.4	1528.6	1528.9	1529.2	1529.6	1529.9	1529.6	1529.2	1528.9	1528.6
147.5°	1590.3	1591.1	1590.9	1590.6	1590.3	1589.9	1589.6	1589.3	1588.9	1588.6	1588.3
150°	1644.0	1644.7	1644.7	1644.7	1644.7	1644.7	1644.7	1644.7	1644.7	1644.7	1644.7
152.5°	1693.3	1693.6	1693.8	1694.1	1694.5	1694.8	1695.2	1696.2	1697.2	1698.3	1699.3
155°	1744.1	1744.1	1743.9	1743.6	1743.3	1742.9	1742.6	1744.0	1745.3	1746.7	1748.0
157.5°	1787.3	1787.0	1787.0	1787.0	1787.0	1787.0	1787.0	1788.0	1789.0	1790.0	1791.0
160°	1828.5	1828.3	1828.1	1827.8	1827.4	1827.1	1826.7	1827.7	1828.7	1829.8	1830.8
162.5°	1862.4	1861.9	1861.7	1861.4	1861.1	1860.7	1860.4	1862.4	1864.5	1866.5	1868.6
165°	1894.6	1894.1	1893.8	1893.1	1892.4	1891.7	1891.0	1893.0	1895.1	1897.1	1899.2
167.5°	1919.2	1918.5	1918.5	1918.5	1918.5	1918.5	1918.5	1920.5	1922.6	1924.6	1926.7
170°	1939.3	1938.4	1938.6	1938.9	1939.2	1939.6	1939.9	1941.9	1944.0	1946.0	1948.1
172.5°	1955.9	1955.2	1955.2	1955.2	1955.2	1955.2	1955.2	1957.6	1960.0	1962.4	1964.8
175°	1968.3	1967.5	1967.3	1967.0	1966.7	1966.3	1966.0	1968.4	1970.8	1973.1	1975.5
177.5°	1974.5	1973.6	1973.6	1973.6	1973.6	1973.6	1973.6	1976.0	1978.4	1980.7	1983.1
180°	1978.2	1978.2	1978.2	1978.2	1978.2	1978.2	1978.2	1978.2	1978.2	1978.2	1978.2

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CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
0°	1931.6	1931.6	1931.6	1931.6	1931.6	1931.6	1931.6	1931.6	1931.6	1931.6	1931.6
2.5°	1822.7	1821.1	1813.1	1816.3	1806.7	1809.9	1814.7	1816.3	1822.7	1817.9	1816.3
5°	1710.7	1707.5	1702.7	1697.9	1696.3	1702.7	1691.5	1694.7	1697.9	1702.7	1709.1
7.5°	1619.5	1617.9	1613.1	1605.1	1601.9	1598.7	1600.3	1611.5	1609.9	1608.3	1619.5
10°	1536.3	1537.9	1528.3	1526.7	1517.1	1515.5	1517.1	1520.3	1525.1	1531.5	1533.1
12.5°	1449.9	1470.7	1453.1	1446.7	1432.3	1440.3	1443.5	1429.1	1437.1	1441.9	1465.9
15°	1395.5	1385.9	1374.7	1374.7	1368.3	1365.1	1357.1	1368.3	1374.7	1384.3	1381.1
17.5°	1320.2	1304.2	1297.8	1291.4	1293.0	1299.4	1281.8	1307.4	1307.4	1312.2	1304.2
20°	1254.6	1241.8	1233.8	1230.6	1225.8	1222.6	1221.0	1227.4	1237.0	1240.2	1248.2
22.5°	1185.8	1185.8	1173.0	1168.2	1165.0	1160.2	1168.2	1163.4	1169.8	1176.2	1189.0
25°	1128.2	1128.2	1123.4	1117.0	1112.2	1109.0	1113.8	1112.2	1117.0	1125.0	1128.2
27.5°	1081.8	1077.0	1075.4	1073.8	1072.2	1073.8	1072.2	1077.0	1081.8	1083.4	1080.2
30°	1041.8	1037.0	1038.6	1038.6	1040.2	1038.6	1037.0	1041.8	1043.4	1040.2	1041.8
32.5°	1005.0	1005.0	1008.2	1009.8	1009.8	1011.4	1013.0	1009.8	1011.4	1006.6	1008.2
35°	974.6	977.8	981.0	982.6	984.2	982.6	985.8	984.2	981.0	977.8	976.2
37.5°	944.2	947.4	953.8	955.4	960.2	961.8	958.6	958.6	957.0	950.6	947.4
40°	912.2	915.4	923.4	928.2	931.4	936.2	933.0	933.0	926.6	920.2	915.4
42.5°	881.8	888.2	896.2	901.0	907.4	907.4	907.4	904.2	896.2	889.8	885.0
45°	851.4	853.0	864.2	872.2	878.6	878.6	878.6	873.8	869.0	856.2	849.8
47.5°	817.8	822.6	835.4	843.4	849.8	851.4	851.4	846.6	837.0	825.8	817.8
50°	780.9	788.9	803.3	814.6	822.6	825.8	821.0	817.8	806.6	793.7	784.1
52.5°	745.7	755.3	772.9	782.5	793.7	795.3	793.7	788.9	776.1	758.5	750.5
55°	710.5	718.5	737.7	753.7	763.3	766.5	763.3	755.3	739.3	721.7	713.7
57.5°	672.1	683.3	704.1	720.1	731.3	732.9	729.7	721.7	708.9	686.5	675.3
60°	632.1	646.5	667.3	683.3	697.7	699.3	696.1	684.9	668.9	646.5	636.9
62.5°	592.1	603.3	627.3	644.9	656.1	664.1	657.7	646.5	630.5	608.1	593.7
65°	545.7	561.7	582.5	598.5	611.3	612.9	609.7	600.1	582.5	558.5	547.3
67.5°	500.9	512.1	532.9	553.7	558.5	563.3	558.5	548.9	534.5	513.7	497.7
70°	446.5	456.1	481.7	496.1	502.5	507.3	504.1	494.5	481.7	462.5	449.7
72.5°	392.1	400.1	424.1	435.3	448.1	446.5	444.9	438.5	420.9	408.1	400.1
75°	334.5	344.1	360.1	374.5	379.3	379.3	379.3	374.5	363.3	342.5	334.5
77.5°	281.7	286.5	299.3	307.3	312.1	313.7	312.1	304.1	297.7	283.3	278.5
80°	216.0	228.8	238.4	240.0	246.4	246.4	246.4	243.2	236.8	222.4	220.8
82.5°	163.2	166.4	176.0	180.8	184.0	182.4	182.4	176.0	174.4	166.4	163.2
85°	110.4	115.2	113.6	120.0	121.6	118.4	118.4	121.6	113.6	115.2	110.4
87.5°	60.8	60.8	64.0	62.4	68.8	68.8	65.6	67.2	64.0	62.4	60.8
90°	42.8	43.1	43.8	44.5	45.2	45.9	45.2	44.5	43.8	43.1	42.8
92.5°	71.9	72.1	72.4	72.7	73.1	73.4	73.1	72.7	72.4	72.1	71.9
95°	120.9	120.9	120.9	120.9	120.9	120.9	120.9	120.9	120.9	120.9	120.9
97.5°	177.5	177.5	177.5	177.5	177.5	177.5	177.5	177.5	177.5	177.5	177.5
100°	237.1	237.1	237.1	237.1	237.1	237.1	237.1	237.1	237.1	237.1	237.1
102.5°	302.9	303.1	303.4	303.8	304.1	304.5	304.1	303.8	303.4	303.1	302.9
105°	368.7	369.2	370.2	371.3	372.3	373.3	372.3	371.3	370.2	369.2	368.7
107.5°	440.6	440.4	440.1	439.8	439.4	439.1	439.4	439.8	440.1	440.4	440.6
110°	506.4	506.9	507.9	509.0	510.0	511.0	510.0	509.0	507.9	506.9	506.4

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CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
112.5°	584.4	584.4	584.4	584.4	584.4	584.4	584.4	584.4	584.4	584.4	584.4
115°	662.5	662.3	662.0	661.6	661.3	660.9	661.3	661.6	662.0	662.3	662.5
117.5°	735.9	735.4	734.4	733.3	732.3	731.3	732.3	733.3	734.4	735.4	735.9
120°	810.9	811.2	811.9	812.6	813.2	813.9	813.2	812.6	811.9	811.2	810.9
122.5°	890.4	889.6	887.9	886.2	884.5	882.8	884.5	886.2	887.9	889.6	890.4
125°	966.9	966.6	965.9	965.2	964.6	963.9	964.6	965.2	965.9	966.6	966.9
127.5°	1038.8	1038.6	1038.3	1038.0	1037.6	1037.3	1037.6	1038.0	1038.3	1038.6	1038.8
130°	1115.3	1114.6	1113.3	1111.9	1110.6	1109.2	1110.6	1111.9	1113.3	1114.6	1115.3
132.5°	1187.2	1187.0	1186.7	1186.4	1186.0	1185.7	1186.0	1186.4	1186.7	1187.0	1187.2
135°	1259.1	1258.6	1257.6	1256.5	1255.5	1254.5	1255.5	1256.5	1257.6	1258.6	1259.1
137.5°	1328.0	1328.2	1328.5	1328.8	1329.2	1329.5	1329.2	1328.8	1328.5	1328.2	1328.0
140°	1398.4	1398.2	1397.9	1397.5	1397.2	1396.8	1397.2	1397.5	1397.9	1398.2	1398.4
142.5°	1464.1	1464.1	1464.1	1464.1	1464.1	1464.1	1464.1	1464.1	1464.1	1464.1	1464.1
145°	1528.4	1527.9	1526.9	1525.8	1524.8	1523.8	1524.8	1525.8	1526.9	1527.9	1528.4
147.5°	1588.1	1587.9	1587.6	1587.2	1586.9	1586.5	1586.9	1587.2	1587.6	1587.9	1588.1
150°	1644.7	1644.5	1644.2	1643.8	1643.5	1643.1	1643.5	1643.8	1644.2	1644.5	1644.7
152.5°	1699.8	1699.3	1698.3	1697.2	1696.2	1695.2	1696.2	1697.2	1698.3	1699.3	1699.8
155°	1748.7	1748.0	1746.7	1745.3	1744.0	1742.6	1744.0	1745.3	1746.7	1748.0	1748.7
157.5°	1791.5	1791.0	1790.0	1789.0	1788.0	1787.0	1788.0	1789.0	1790.0	1791.0	1791.5
160°	1831.3	1830.5	1828.8	1827.1	1825.4	1823.7	1825.4	1827.1	1828.8	1830.5	1831.3
162.5°	1869.6	1868.7	1867.0	1865.3	1863.6	1861.9	1863.6	1865.3	1867.0	1868.7	1869.6
165°	1900.2	1899.5	1898.2	1896.8	1895.5	1894.1	1895.5	1896.8	1898.2	1899.5	1900.2
167.5°	1927.7	1926.7	1924.6	1922.6	1920.5	1918.5	1920.5	1922.6	1924.6	1926.7	1927.7
170°	1949.1	1947.9	1945.5	1943.2	1940.8	1938.4	1940.8	1943.2	1945.5	1947.9	1949.1
172.5°	1966.0	1964.8	1962.4	1960.0	1957.6	1955.2	1957.6	1960.0	1962.4	1964.8	1966.0
175°	1976.7	1975.5	1973.1	1970.8	1968.4	1966.0	1968.4	1970.8	1973.1	1975.5	1976.7
177.5°	1984.3	1982.9	1980.2	1977.5	1974.8	1972.1	1974.8	1977.5	1980.2	1982.9	1984.3
180°	1978.2	1978.2	1978.2	1978.2	1978.2	1978.2	1978.2	1978.2	1978.2	1978.2	1978.2

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CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
0°	1931.6	1931.6	1931.6	1931.6	1931.6	1931.6	1931.6	1931.6	1931.6	1931.6	1931.6
2.5°	1816.3	1825.9	1816.3	1822.7	1825.9	1833.9	1837.1	1851.5	1856.3	1867.5	1867.5
5°	1707.5	1712.3	1713.9	1720.3	1726.7	1742.7	1753.9	1774.7	1798.7	1801.9	1816.3
7.5°	1619.5	1627.5	1640.3	1635.5	1646.7	1670.7	1685.1	1710.7	1734.7	1747.5	1765.1
10°	1541.1	1550.7	1555.5	1560.3	1581.1	1601.9	1624.3	1641.9	1673.9	1693.1	1707.5
12.5°	1477.1	1469.1	1478.7	1496.3	1520.3	1533.1	1563.5	1590.7	1614.7	1635.5	1648.3
15°	1393.9	1400.3	1409.9	1440.3	1446.7	1478.7	1489.9	1520.3	1565.1	1584.3	1600.3
17.5°	1313.8	1334.6	1353.9	1365.1	1384.3	1409.9	1441.9	1475.5	1504.3	1526.7	1545.9
20°	1249.8	1270.6	1281.8	1289.8	1309.0	1344.3	1374.7	1416.3	1453.1	1470.7	1496.3
22.5°	1198.6	1198.6	1214.6	1238.6	1249.8	1283.4	1309.0	1353.9	1393.9	1416.3	1440.3
25°	1134.6	1144.2	1157.0	1177.8	1193.8	1221.0	1257.8	1296.2	1339.4	1358.7	1389.1
27.5°	1081.8	1093.0	1110.6	1115.4	1131.4	1155.4	1193.8	1235.4	1280.2	1301.0	1326.6
30°	1041.8	1048.2	1054.6	1064.2	1078.6	1099.4	1131.4	1168.2	1222.6	1238.6	1270.6
32.5°	1006.6	1009.8	1013.0	1021.0	1029.0	1049.8	1075.4	1115.4	1160.2	1184.2	1213.0
35°	974.6	971.4	973.0	977.8	985.8	993.8	1021.0	1054.6	1096.2	1125.0	1147.4
37.5°	944.2	937.8	936.2	936.2	939.4	949.0	969.8	998.6	1043.4	1067.4	1089.8
40°	910.6	904.2	901.0	899.4	897.8	904.2	920.2	949.0	984.2	1006.6	1032.2
42.5°	878.6	872.2	864.2	862.6	859.4	862.6	873.8	901.0	931.4	953.8	974.6
45°	846.6	835.4	825.8	819.4	821.0	816.2	824.2	845.0	880.2	894.6	915.4
47.5°	811.4	798.5	785.7	779.3	772.9	776.1	779.3	796.9	827.4	841.8	862.6
50°	777.7	760.1	745.7	737.7	732.9	729.7	732.9	750.5	772.9	785.7	803.3
52.5°	739.3	721.7	707.3	694.5	688.1	683.3	684.9	700.9	721.7	734.5	752.1
55°	704.1	681.7	662.5	646.5	641.7	640.1	638.5	649.7	667.3	680.1	694.5
57.5°	664.1	641.7	620.9	601.7	592.1	590.5	590.5	593.7	616.1	625.7	633.7
60°	624.1	600.1	577.7	560.1	545.7	540.9	539.3	545.7	556.9	566.5	577.7
62.5°	579.3	555.3	528.1	512.1	497.7	484.9	489.7	491.3	507.3	512.1	521.7
65°	536.1	508.9	486.5	460.9	444.9	436.9	433.7	436.9	449.7	451.3	457.7
67.5°	486.5	460.9	433.7	416.1	401.7	387.3	384.1	384.1	390.5	395.3	403.3
70°	438.5	412.9	382.5	363.3	348.9	336.1	331.3	329.7	334.5	337.7	345.7
72.5°	382.5	356.9	334.5	313.7	296.1	286.5	281.7	278.5	283.3	286.5	288.1
75°	323.3	302.5	280.1	259.2	248.0	238.4	232.0	227.2	230.4	230.4	230.4
77.5°	267.2	246.4	228.8	214.4	200.0	188.8	184.0	179.2	180.8	180.8	184.0
80°	208.0	193.6	179.2	166.4	153.6	144.0	140.8	136.0	132.8	131.2	131.2
82.5°	153.6	142.4	129.6	118.4	112.0	102.4	99.2	92.8	92.8	91.2	91.2
85°	102.4	96.0	83.2	75.2	70.4	65.6	62.4	59.2	54.4	54.4	52.8
87.5°	54.4	51.2	48.0	38.4	38.4	33.6	32.0	30.4	25.6	27.2	27.2
90°	41.8	39.8	37.7	35.7	33.7	31.0	28.2	25.5	22.8	21.4	19.5
92.5°	71.4	70.4	69.3	68.3	67.3	65.6	63.9	62.2	60.5	59.7	57.5
95°	120.4	119.4	118.3	117.3	116.3	113.9	111.5	109.2	106.8	105.6	104.1
97.5°	176.8	175.5	174.1	172.8	171.4	168.7	165.9	163.2	160.5	159.1	157.7
100°	236.8	236.1	235.4	234.8	234.1	231.0	228.0	224.9	221.8	220.3	219.6
102.5°	302.4	301.4	300.3	299.3	298.3	295.6	292.9	290.2	287.5	286.1	285.9
105°	368.2	367.2	366.1	365.1	364.1	362.7	361.4	360.0	358.7	358.0	357.8
107.5°	439.9	438.6	437.2	435.9	434.5	434.2	433.8	433.5	433.2	433.0	432.8
110°	506.7	507.4	508.1	508.8	509.5	509.8	510.2	510.5	510.8	511.0	510.7

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CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
112.5°	584.4	584.4	584.4	584.4	584.4	585.1	585.8	586.5	587.2	587.5	587.5
115°	662.7	663.0	663.3	663.7	664.0	664.7	665.3	666.0	666.7	667.0	667.0
117.5°	736.4	737.4	738.5	739.5	740.5	740.8	741.2	741.5	741.8	742.0	742.0
120°	811.7	813.4	815.1	816.8	818.5	819.5	820.5	821.6	822.6	823.1	822.4
122.5°	890.9	891.9	893.0	894.0	895.0	895.3	895.7	896.0	896.3	896.5	896.3
125°	967.2	967.9	968.6	969.3	970.0	970.3	970.7	971.0	971.3	971.5	971.5
127.5°	1039.1	1039.8	1040.5	1041.2	1041.9	1042.6	1043.2	1043.9	1044.6	1044.9	1044.4
130°	1115.6	1116.3	1117.0	1117.7	1118.4	1118.4	1118.4	1118.4	1118.4	1118.4	1117.9
132.5°	1187.5	1188.2	1188.9	1189.6	1190.3	1190.6	1191.0	1191.3	1191.6	1191.8	1191.5
135°	1259.4	1260.1	1260.8	1261.5	1262.2	1262.2	1262.2	1262.2	1262.2	1262.2	1261.2
137.5°	1328.5	1329.5	1330.6	1331.6	1332.6	1331.9	1331.2	1330.5	1329.8	1329.5	1329.0
140°	1398.6	1398.9	1399.2	1399.6	1399.9	1399.9	1399.9	1399.9	1399.9	1399.9	1399.6
142.5°	1464.1	1464.1	1464.1	1464.1	1464.1	1464.5	1464.8	1465.2	1465.5	1465.7	1465.4
145°	1528.6	1528.9	1529.2	1529.6	1529.9	1529.6	1529.2	1528.9	1528.6	1528.4	1527.7
147.5°	1588.3	1588.6	1588.9	1589.3	1589.6	1589.9	1590.3	1590.6	1590.9	1591.1	1590.3
150°	1644.7	1644.7	1644.7	1644.7	1644.7	1644.7	1644.7	1644.7	1644.7	1644.7	1644.0
152.5°	1699.3	1698.3	1697.2	1696.2	1695.2	1694.8	1694.5	1694.1	1693.8	1693.6	1693.3
155°	1748.0	1746.7	1745.3	1744.0	1742.6	1742.9	1743.3	1743.6	1743.9	1744.1	1744.1
157.5°	1791.0	1790.0	1789.0	1788.0	1787.0	1787.0	1787.0	1787.0	1787.0	1787.0	1787.3
160°	1830.8	1829.8	1828.7	1827.7	1826.7	1827.1	1827.4	1827.8	1828.1	1828.3	1828.5
162.5°	1868.6	1866.5	1864.5	1862.4	1860.4	1860.7	1861.1	1861.4	1861.7	1861.9	1862.4
165°	1899.2	1897.1	1895.1	1893.0	1891.0	1891.7	1892.4	1893.1	1893.8	1894.1	1894.6
167.5°	1926.7	1924.6	1922.6	1920.5	1918.5	1918.5	1918.5	1918.5	1918.5	1918.5	1919.2
170°	1948.1	1946.0	1944.0	1941.9	1939.9	1939.6	1939.2	1938.9	1938.6	1938.4	1939.3
172.5°	1964.8	1962.4	1960.0	1957.6	1955.2	1955.2	1955.2	1955.2	1955.2	1955.2	1955.9
175°	1975.5	1973.1	1970.8	1968.4	1966.0	1966.3	1966.7	1967.0	1967.3	1967.5	1968.3
177.5°	1983.1	1980.7	1978.4	1976.0	1973.6	1973.6	1973.6	1973.6	1973.6	1973.6	1974.5
180°	1978.2	1978.2	1978.2	1978.2	1978.2	1978.2	1978.2	1978.2	1978.2	1978.2	1978.2

TEST NUMBER: P1033303

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CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
0°	1931.6	1931.6	1931.6	1931.6
2.5°	1878.7	1894.8	1909.2	1931.6
5°	1837.1	1859.5	1890.0	1923.6
7.5°	1789.1	1824.3	1864.3	1910.8
10°	1744.3	1784.3	1835.5	1891.6
12.5°	1697.9	1745.9	1801.9	1862.7
15°	1645.1	1693.1	1755.5	1837.1
17.5°	1597.1	1654.7	1721.9	1808.3
20°	1541.1	1595.5	1669.1	1768.3
22.5°	1491.5	1553.9	1635.5	1721.9
25°	1437.1	1491.5	1573.1	1677.1
27.5°	1382.7	1449.9	1528.3	1629.1
30°	1329.8	1385.9	1470.7	1576.3
32.5°	1272.2	1339.4	1417.9	1517.1
35°	1209.8	1273.8	1347.5	1454.7
37.5°	1153.8	1216.2	1291.4	1385.9
40°	1091.4	1157.0	1225.8	1320.2
42.5°	1030.6	1089.8	1158.6	1245.0
45°	971.4	1022.6	1085.0	1160.2
47.5°	910.6	953.8	1011.4	1078.6
50°	845.0	891.4	934.6	990.6
52.5°	784.1	824.2	859.4	905.8
55°	724.9	752.1	780.9	816.2
57.5°	662.5	683.3	704.1	740.9
60°	600.1	619.3	630.5	654.5
62.5°	539.3	547.3	561.7	576.1
65°	472.1	483.3	491.3	508.9
67.5°	411.3	416.1	424.1	435.3
70°	347.3	358.5	361.7	369.7
72.5°	292.9	297.7	300.9	302.5
75°	232.0	236.8	240.0	249.6
77.5°	182.4	180.8	187.2	188.8
80°	134.4	129.6	131.2	137.6
82.5°	88.0	89.6	88.0	88.0
85°	54.4	52.8	49.6	51.2
87.5°	24.0	24.0	22.4	22.4
90°	15.8	12.1	8.3	4.6
92.5°	53.1	48.6	44.2	39.8
95°	101.0	97.9	94.9	91.8
97.5°	155.0	152.3	149.6	146.9
100°	218.3	216.9	215.6	214.2
102.5°	285.6	285.3	284.9	284.6
105°	357.5	357.2	356.8	356.5
107.5°	432.5	432.1	431.8	431.4
110°	510.0	509.3	508.6	507.9



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CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
112.5°	587.5	587.5	587.5	587.5
115°	667.0	667.0	667.0	667.0
117.5°	742.0	742.0	742.0	742.0
120°	821.1	819.7	818.4	817.0
122.5°	896.0	895.7	895.3	895.0
125°	971.5	971.5	971.5	971.5
127.5°	1043.4	1042.4	1041.4	1040.4
130°	1116.9	1115.8	1114.8	1113.8
132.5°	1190.8	1190.1	1189.5	1188.8
135°	1259.1	1257.1	1255.0	1253.0
137.5°	1328.0	1326.9	1325.9	1324.9
140°	1398.9	1398.2	1397.5	1396.8
142.5°	1464.7	1464.0	1463.3	1462.6
145°	1526.4	1525.0	1523.7	1522.3
147.5°	1588.6	1586.9	1585.2	1583.5
150°	1642.7	1641.3	1640.0	1638.6
152.5°	1692.6	1691.9	1691.3	1690.6
155°	1744.1	1744.1	1744.1	1744.1
157.5°	1788.0	1788.7	1789.3	1790.0
160°	1828.8	1829.1	1829.5	1829.8
162.5°	1863.4	1864.5	1865.5	1866.5
165°	1895.6	1896.6	1897.6	1898.6
167.5°	1920.6	1921.9	1923.3	1924.7
170°	1941.0	1942.7	1944.4	1946.1
172.5°	1957.3	1958.6	1960.0	1961.4
175°	1970.0	1971.7	1973.4	1975.1
177.5°	1976.2	1977.9	1979.6	1981.3
180°	1978.2	1978.2	1978.2	1978.2

(END OF REPORT)