

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: P1035149

Luminaire Tested: S125DIW-B1270D1560UB30-4F0-XX-W2A-A

Issue Date: 5/7/2025

Test Information

Test Method: LM-79-2019
Report Number: P1035149
REPORT IS A COMBINATION OF REPORTS P1003211 AND P1007351
Test Lab: INNOVATION CENTER
Issue Date: 5/7/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: NEO-RAY
Catalog Number: S125DIW-B1270D1560UB30-4F0-XX-W2A-A
Description: Define 5 Direct/Indirect Wall Mount with 3000K BioUP LEDs {m-DER=0.589} {m-EER=0.647}
Light Source: -
Ballast/Driver: -

Summary

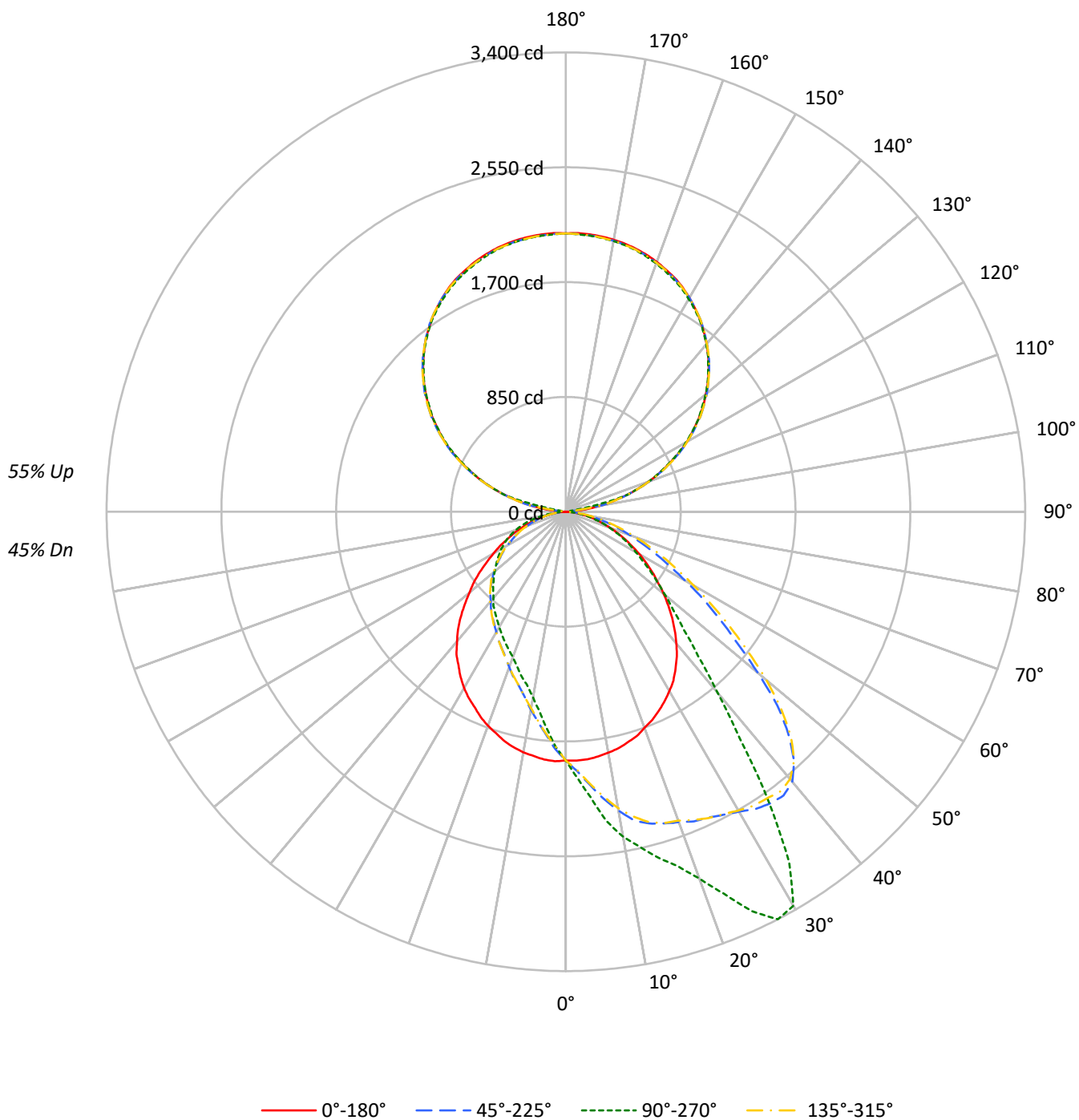
Lumens per Lamp: N/A
Luminaire Lumens: 11526.0 lumens
Efficiency: N/A
Efficacy: 101.6 lumens/watt
Spacing Criteria (0/90/45): 1.23 / 1.43 / 1.52
Luminous Opening: Rectangular w/ Sides (W: 0.42' x L: 4' x H: 0.1')
CIE Type: General Diffuse

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	106	106	106	106	97	97	97	97	81	81	81	65	65	65	52	52	52
1	97	93	89	86	89	85	82	79	71	69	67	58	56	55	46	45	44
2	88	81	75	70	81	75	69	65	62	59	55	51	48	46	41	39	37
3	81	71	64	59	74	66	60	55	55	51	47	45	42	39	36	34	32
4	74	63	56	50	67	58	52	46	49	44	40	40	37	34	32	30	28
5	68	56	48	43	62	52	45	40	44	39	34	36	32	29	29	26	24
6	62	51	43	37	57	47	40	35	40	34	30	33	29	26	27	24	21
7	58	46	38	32	53	42	35	30	36	30	26	30	26	23	24	21	19
8	54	41	34	29	49	38	32	27	33	27	23	27	23	20	22	19	17
9	50	38	30	25	46	35	28	24	30	25	21	25	21	18	20	17	15
10	46	35	27	23	43	32	26	21	27	22	19	23	19	16	19	16	14

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	11793	11793	11793	11793
5°	11802	13378	11812	10149
10°	11730	15249	11710	8712
15°	11644	16534	11572	7872
20°	11497	18118	11391	7186
25°	11367	20759	11159	6780
30°	11179	21901	10985	6412
35°	10882	17556	10653	6117
40°	10419	12134	10265	5806
45°	9834	9034	9724	5546
50°	9165	7437	9014	5338
55°	8443	6343	8376	5158
60°	7734	5429	7600	5018
65°	6970	4689	6858	4814
70°	6163	3893	6081	4460
75°	5307	3011	5237	3871
80°	4191	2036	4039	2846
85°	2682	1019	2590	1450

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 135°

Vertical Angle: 45°

Luminance: 18013 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	177.2	1.5
10°-20°	527.7	4.6
20°-30°	857.1	7.4
30°-40°	1047.5	9.1
40°-50°	950.2	8.2
50°-60°	756.8	6.6
60°-70°	527.1	4.6
70°-80°	280.8	2.4
80°-90°	72.7	0.6
90°-100°	69.9	0.6
100°-110°	465.0	4.0
110°-120°	837.4	7.3
120°-130°	1074.8	9.3
130°-140°	1156.0	10.0
140°-150°	1084.9	9.4
150°-160°	877.6	7.6
160°-170°	567.6	4.9
170°-180°	195.7	1.7
0°-30°	1561.9	13.6
0°-40°	2609.4	22.6
0°-60°	4316.4	37.4
0°-90°	5197.1	45.1
90°-120°	1372.3	11.9
90°-150°	4688.0	40.7
90°-180°	6329.0	54.9
0°-180°	11526.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1841	1841	1841	1841	1841	
5°	1839	2123	1841	1611	1839	175
15°	1767	2652	1756	1262	1767	499
25°	1627	3262	1597	1066	1627	749
35°	1416	2619	1386	912	1416	884
45°	1112	1234	1100	758	1112	857
55°	783	761	777	619	783	700
65°	484	467	477	480	484	481
75°	234	230	231	295	234	249
85°	47	52	45	73	47	56
90°	2	37	2	37	2	8
95°	87	32	87	32	87	107
105°	449	454	449	454	449	476
115°	843	837	843	837	843	836
125°	1199	1199	1199	1199	1199	1071
135°	1495	1489	1495	1489	1495	1153
145°	1734	1729	1734	1729	1734	1084
155°	1909	1895	1909	1895	1909	880
165°	2014	2004	2014	2004	2014	569
175°	2060	2051	2060	2051	2060	196
180°	2060	2060	2060	2060	2060	

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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	1840.6	1840.6	1840.6	1840.6	1840.6	1840.6	1840.6	1840.6	1840.6	1840.6	1840.6
2.5°	1843.8	1854.7	1867.2	1876.6	1892.2	1896.9	1904.7	1909.4	1914.1	1918.8	1921.9
5°	1839.1	1865.6	1889.1	1906.3	1935.9	1946.9	1960.9	1978.1	1998.4	2015.6	2026.6
7.5°	1826.6	1868.8	1900.0	1934.4	1975.0	2001.6	2015.6	2051.6	2084.4	2109.4	2142.2
10°	1810.9	1860.9	1909.4	1960.9	2018.8	2048.4	2076.6	2126.6	2171.9	2212.5	2245.3
12.5°	1793.8	1854.7	1912.5	1979.7	2057.8	2093.8	2112.5	2198.4	2254.7	2276.6	2340.6
15°	1767.2	1839.1	1921.9	2004.7	2070.3	2112.5	2164.1	2232.8	2289.1	2337.5	2389.1
17.5°	1742.2	1820.3	1904.7	1996.9	2092.2	2146.9	2185.9	2246.9	2307.8	2370.3	2418.8
20°	1701.6	1803.1	1889.1	1987.5	2100.0	2139.1	2179.7	2251.6	2317.2	2384.4	2445.3
22.5°	1668.8	1765.6	1882.8	1976.6	2071.9	2110.9	2160.9	2235.9	2314.1	2390.6	2479.7
25°	1626.6	1734.4	1835.9	1935.9	2034.4	2076.6	2121.9	2218.8	2300.0	2398.4	2496.9
27.5°	1581.3	1692.2	1793.8	1884.4	1976.6	2034.4	2082.8	2184.4	2292.2	2400.0	2528.1
30°	1532.8	1637.5	1734.4	1823.4	1925.0	1984.4	2032.8	2151.6	2271.9	2409.4	2562.5
32.5°	1481.3	1579.7	1662.5	1753.1	1860.9	1915.6	1981.3	2110.9	2253.1	2417.2	2609.4
35°	1415.6	1509.4	1582.8	1675.0	1782.8	1853.1	1921.9	2067.2	2232.8	2415.6	2635.9
37.5°	1350.0	1423.4	1493.8	1592.2	1717.2	1781.3	1853.1	2012.5	2201.6	2410.9	2646.9
40°	1271.9	1343.8	1404.7	1504.7	1635.9	1709.4	1784.4	1951.6	2165.6	2393.8	2607.8
42.5°	1193.8	1254.7	1321.9	1426.6	1553.1	1631.3	1710.9	1896.9	2118.8	2343.8	2500.0
45°	1112.5	1159.4	1232.8	1328.1	1462.5	1537.5	1628.1	1829.7	2053.1	2253.1	2331.3
47.5°	1028.1	1075.0	1143.8	1235.9	1368.8	1457.8	1543.8	1745.3	1970.3	2125.0	2125.0
50°	946.9	984.4	1051.6	1143.8	1278.1	1359.4	1446.9	1660.9	1842.2	1956.3	1854.7
52.5°	859.4	901.6	957.8	1054.7	1187.5	1260.9	1356.3	1539.1	1710.9	1757.8	1601.6
55°	782.8	817.2	870.3	962.5	1085.9	1162.5	1243.8	1418.8	1564.1	1560.9	1393.8
57.5°	703.1	731.3	787.5	871.9	985.9	1054.7	1135.9	1287.5	1406.3	1364.1	1206.3
60°	629.7	650.0	704.7	773.4	882.8	946.9	1025.0	1148.4	1239.1	1179.7	1020.3
62.5°	553.1	576.6	620.3	687.5	784.4	835.9	893.8	1018.8	1076.6	1023.4	860.9
65°	484.4	503.1	542.2	598.4	685.9	732.8	782.8	885.9	940.6	864.1	729.7
67.5°	415.6	437.5	465.6	515.6	584.4	628.1	671.9	760.9	785.9	717.2	604.7
70°	351.6	370.3	396.9	432.8	490.6	529.7	562.5	635.9	653.1	589.1	500.0
72.5°	289.1	301.6	323.4	353.1	406.3	428.1	462.5	512.5	534.4	476.6	412.5
75°	234.4	243.8	257.8	279.7	315.6	339.1	367.2	414.1	412.5	371.9	326.6
77.5°	181.3	182.8	198.4	218.8	240.6	260.9	275.0	307.8	310.9	285.9	248.4
80°	129.7	134.4	140.6	156.3	175.0	182.8	200.0	220.3	223.4	204.7	179.7
82.5°	82.8	85.9	90.6	100.0	112.5	121.9	131.3	139.1	146.9	135.9	115.6
85°	46.9	48.4	53.1	56.3	62.5	67.2	75.0	82.8	81.3	73.4	67.2
87.5°	23.4	23.4	23.4	26.6	29.7	29.7	32.8	34.4	35.9	32.8	29.7
90°	1.5	4.2	6.9	9.6	12.3	13.7	14.9	17.3	19.6	22.0	24.4
92.5°	29.0	26.0	22.9	19.9	16.8	15.3	16.3	18.3	20.4	22.4	24.4
95°	87.1	86.1	85.1	84.0	83.0	82.5	76.0	63.1	50.2	37.3	24.4
97.5°	163.4	165.4	167.5	169.5	171.6	172.6	156.5	124.2	92.0	59.7	27.5
100°	255.1	256.1	257.1	258.1	259.1	259.6	260.3	261.7	263.0	264.4	265.8
102.5°	348.2	349.6	350.9	352.3	353.6	354.3	354.6	355.3	356.0	356.7	357.4
105°	449.0	450.4	451.7	453.1	454.4	455.1	455.1	455.1	455.1	455.1	455.1
107.5°	552.9	552.9	552.9	552.9	552.9	552.9	553.2	553.9	554.6	555.2	555.9
110°	653.7	653.7	653.7	653.7	653.7	653.7	654.0	654.7	655.4	656.0	656.7

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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	748.4	749.4	750.4	751.5	752.5	753.0	753.2	753.5	753.8	754.2	754.5
115°	843.1	844.8	846.5	848.2	849.9	850.7	850.9	851.2	851.5	851.9	852.2
117.5°	942.4	942.4	942.4	942.4	942.4	942.4	943.1	944.4	945.8	947.1	948.5
120°	1034.0	1033.7	1033.3	1033.0	1032.7	1032.5	1033.0	1034.0	1035.0	1036.0	1037.0
122.5°	1114.9	1116.6	1118.3	1120.0	1121.7	1122.6	1122.8	1123.1	1123.4	1123.8	1124.1
125°	1198.9	1201.3	1203.7	1206.0	1208.4	1209.6	1209.6	1209.6	1209.6	1209.6	1209.6
127.5°	1279.9	1281.6	1283.3	1285.0	1286.7	1287.5	1287.3	1287.0	1286.7	1286.3	1286.0
130°	1353.2	1354.9	1356.6	1358.3	1360.0	1360.8	1361.0	1361.3	1361.7	1362.0	1362.4
132.5°	1426.5	1428.5	1430.6	1432.6	1434.7	1435.7	1435.2	1434.2	1433.1	1432.1	1431.1
135°	1495.2	1497.2	1499.3	1501.3	1503.4	1504.4	1504.1	1503.4	1502.7	1502.0	1501.3
137.5°	1559.4	1561.4	1563.5	1565.5	1567.6	1568.6	1568.3	1567.6	1566.9	1566.2	1565.5
140°	1622.0	1622.7	1623.4	1624.1	1624.8	1625.1	1624.9	1624.6	1624.2	1623.9	1623.5
142.5°	1678.5	1678.8	1679.2	1679.5	1679.8	1680.0	1680.3	1681.0	1681.7	1682.4	1683.1
145°	1733.5	1734.2	1734.9	1735.6	1736.3	1736.6	1736.6	1736.6	1736.6	1736.6	1736.6
147.5°	1782.4	1782.4	1782.4	1782.4	1782.4	1782.4	1782.6	1782.9	1783.2	1783.6	1783.9
150°	1828.2	1827.5	1826.8	1826.1	1825.4	1825.1	1825.4	1826.1	1826.8	1827.5	1828.2
152.5°	1872.5	1870.8	1869.1	1867.4	1865.7	1864.8	1865.1	1865.8	1866.5	1867.2	1867.9
155°	1909.1	1907.1	1905.1	1903.0	1901.0	1900.0	1900.3	1901.0	1901.7	1902.3	1903.0
157.5°	1938.2	1937.2	1936.2	1935.1	1934.1	1933.6	1933.6	1933.6	1933.6	1933.6	1933.6
160°	1968.7	1966.7	1964.6	1962.6	1960.5	1959.5	1959.7	1960.0	1960.4	1960.7	1961.1
162.5°	1993.1	1991.1	1989.1	1987.0	1985.0	1984.0	1984.2	1984.5	1984.8	1985.2	1985.5
165°	2014.5	2012.5	2010.5	2008.4	2006.4	2005.4	2005.6	2005.9	2006.2	2006.6	2006.9
167.5°	2031.3	2029.3	2027.3	2025.2	2023.2	2022.2	2022.4	2022.7	2023.0	2023.4	2023.7
170°	2045.1	2042.7	2040.3	2038.0	2035.6	2034.4	2034.6	2034.9	2035.2	2035.6	2035.9
172.5°	2054.2	2051.8	2049.4	2047.1	2044.7	2043.5	2043.8	2044.5	2045.2	2045.9	2046.6
175°	2060.3	2058.3	2056.3	2054.2	2052.2	2051.2	2051.4	2051.7	2052.0	2052.4	2052.7
177.5°	2064.9	2062.9	2060.9	2058.8	2056.8	2055.8	2056.0	2056.3	2056.6	2057.0	2057.3
180°	2060.3	2060.3	2060.3	2060.3	2060.3	2060.3	2060.3	2060.3	2060.3	2060.3	2060.3

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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	1840.6	1840.6	1840.6	1840.6	1840.6	1840.6	1840.6	1840.6	1840.6	1840.6	1840.6
2.5°	1925.0	1935.9	1945.3	1953.1	1959.4	1968.8	1962.5	1964.1	1967.2	1973.4	1973.4
5°	2050.0	2067.2	2076.6	2107.8	2115.6	2114.1	2109.4	2134.4	2132.8	2123.4	2121.9
7.5°	2171.9	2201.6	2228.1	2253.1	2260.9	2281.3	2285.9	2296.9	2293.8	2309.4	2301.6
10°	2282.8	2329.7	2354.7	2392.2	2401.6	2410.9	2423.4	2429.7	2443.8	2442.2	2442.2
12.5°	2368.8	2425.0	2457.8	2467.2	2503.1	2514.1	2525.0	2545.3	2540.6	2542.2	2551.6
15°	2435.9	2490.6	2518.8	2562.5	2587.5	2600.0	2618.8	2640.6	2637.5	2651.6	2648.4
17.5°	2485.9	2537.5	2589.1	2654.7	2656.3	2689.1	2732.8	2742.2	2762.5	2748.4	2748.4
20°	2526.6	2595.3	2668.8	2753.1	2762.5	2782.8	2835.9	2871.9	2895.3	2887.5	2892.2
22.5°	2570.3	2668.8	2754.7	2839.1	2884.4	2920.3	2971.9	3028.1	3048.5	3061.0	3057.8
25°	2626.6	2729.7	2856.3	2973.5	3020.3	3089.1	3157.8	3212.5	3228.1	3262.5	3231.3
27.5°	2684.4	2829.7	2987.5	3125.0	3184.4	3240.6	3323.5	3364.1	3384.4	3400.0	3389.1
30°	2732.8	2932.8	3104.7	3231.3	3273.5	3306.3	3353.1	3362.5	3354.7	3367.2	3382.8
32.5°	2807.8	3003.1	3148.5	3209.4	3204.7	3203.1	3167.2	3117.2	3106.3	3076.6	3117.2
35°	2848.4	3004.7	3061.0	2979.7	2946.9	2887.5	2773.4	2698.4	2632.8	2618.8	2621.9
37.5°	2825.0	2886.0	2818.8	2604.7	2551.6	2460.9	2309.4	2203.1	2154.7	2117.2	2165.6
40°	2698.4	2631.3	2446.9	2185.9	2109.4	2023.4	1881.3	1823.4	1754.7	1740.6	1804.7
42.5°	2489.1	2284.4	2023.4	1821.9	1742.2	1693.8	1575.0	1520.3	1471.9	1450.0	1485.9
45°	2204.7	1956.3	1693.8	1528.1	1460.9	1403.1	1332.8	1275.0	1243.8	1234.4	1264.1
47.5°	1910.9	1648.4	1439.1	1315.6	1245.3	1201.6	1135.9	1103.1	1078.1	1081.3	1085.9
50°	1629.7	1390.6	1229.7	1106.3	1071.9	1037.5	993.8	965.6	953.1	957.8	954.7
52.5°	1387.5	1193.8	1057.8	962.5	946.9	914.1	878.1	854.7	850.0	851.6	856.3
55°	1175.0	1023.4	915.6	846.9	829.7	806.3	784.4	768.8	756.3	760.9	759.4
57.5°	1014.1	881.3	798.4	742.2	729.7	715.6	695.3	687.5	682.8	673.4	681.3
60°	871.9	764.1	692.2	657.8	646.9	637.5	615.6	606.3	603.1	598.4	610.9
62.5°	737.5	660.9	606.3	575.0	564.1	554.7	543.8	535.9	537.5	531.3	537.5
65°	631.3	568.8	529.7	501.6	487.5	481.3	479.7	467.2	465.6	467.2	468.8
67.5°	532.8	479.7	450.0	432.8	421.9	415.6	410.9	403.1	409.4	404.7	407.8
70°	443.8	407.8	376.6	359.4	354.7	356.3	348.4	345.3	346.9	343.8	346.9
72.5°	357.8	328.1	315.6	303.1	296.9	295.3	290.6	285.9	290.6	289.1	289.1
75°	285.9	264.1	250.0	242.2	242.2	239.1	231.3	231.3	231.3	229.7	231.3
77.5°	220.3	201.6	195.3	187.5	187.5	182.8	181.3	181.3	178.1	182.8	179.7
80°	164.1	150.0	140.6	135.9	135.9	134.4	131.3	129.7	131.3	129.7	129.7
82.5°	106.3	100.0	95.3	90.6	89.1	90.6	89.1	85.9	87.5	85.9	89.1
85°	60.9	54.7	54.7	51.6	53.1	50.0	51.6	48.4	46.9	51.6	48.4
87.5°	26.6	25.0	25.0	21.9	21.9	21.9	20.3	21.9	20.3	18.8	20.3
90°	26.1	27.8	29.5	31.2	32.1	32.6	33.6	34.7	35.7	36.7	35.7
92.5°	26.1	27.8	29.5	31.2	32.1	32.3	32.6	32.9	33.3	33.6	33.3
95°	26.1	27.8	29.5	31.2	32.1	32.1	32.1	32.1	32.1	32.1	32.1
97.5°	28.2	28.8	29.5	30.2	30.5	30.7	31.0	31.4	31.7	32.1	31.7
100°	215.2	164.6	114.1	63.5	38.2	37.5	36.2	34.8	33.5	32.1	33.5
102.5°	358.1	358.7	359.4	360.1	360.4	346.2	317.7	289.2	260.7	232.2	260.7
105°	455.1	455.1	455.1	455.1	455.1	454.9	454.6	454.3	453.9	453.6	453.9
107.5°	556.3	556.6	557.0	557.3	557.5	556.8	555.5	554.1	552.8	551.4	552.8
110°	655.7	654.7	653.7	652.7	652.2	652.4	652.7	653.0	653.4	653.7	653.4

TEST NUMBER: P1035149

CATALOG NUMBER: S125DIW-B1270D1560UB30-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	753.1	751.8	750.4	749.1	748.4	748.1	747.4	746.7	746.0	745.3	746.0
115°	850.8	849.5	848.1	846.8	846.1	845.1	843.1	841.0	839.0	837.0	839.0
117.5°	946.5	944.4	942.4	940.3	939.3	939.0	938.3	937.6	936.9	936.2	936.9
120°	1036.3	1035.7	1035.0	1034.3	1034.0	1033.2	1031.5	1029.8	1028.1	1026.4	1028.1
122.5°	1123.4	1122.7	1122.0	1121.3	1121.0	1120.0	1118.0	1115.9	1113.9	1111.9	1113.9
125°	1208.2	1206.9	1205.5	1204.2	1203.5	1203.0	1202.0	1200.9	1199.9	1198.9	1199.9
127.5°	1285.3	1284.6	1283.9	1283.2	1282.9	1281.5	1278.8	1276.1	1273.4	1270.7	1273.4
130°	1361.4	1360.4	1359.3	1358.3	1357.8	1356.9	1355.2	1353.5	1351.8	1350.1	1351.8
132.5°	1431.1	1431.1	1431.1	1431.1	1431.1	1430.3	1428.6	1426.9	1425.2	1423.5	1425.2
135°	1500.6	1500.0	1499.3	1498.6	1498.3	1497.3	1495.2	1493.2	1491.1	1489.1	1491.1
137.5°	1565.5	1565.5	1565.5	1565.5	1565.5	1564.7	1563.0	1561.3	1559.6	1557.9	1559.6
140°	1624.2	1624.9	1625.6	1626.3	1626.6	1625.6	1623.5	1621.5	1619.4	1617.4	1619.4
142.5°	1683.1	1683.1	1683.1	1683.1	1683.1	1682.1	1680.0	1678.0	1675.9	1673.9	1675.9
145°	1736.9	1737.3	1737.6	1737.9	1738.1	1737.1	1735.0	1733.0	1730.9	1728.9	1730.9
147.5°	1784.2	1784.6	1784.9	1785.2	1785.4	1784.2	1781.8	1779.5	1777.1	1774.7	1777.1
150°	1828.9	1829.5	1830.2	1830.9	1831.2	1829.8	1827.1	1824.4	1821.7	1819.0	1821.7
152.5°	1868.6	1869.3	1870.0	1870.7	1871.0	1869.8	1867.4	1865.1	1862.7	1860.3	1862.7
155°	1904.0	1905.0	1906.1	1907.1	1907.6	1906.2	1903.5	1900.8	1898.1	1895.4	1898.1
157.5°	1934.6	1935.6	1936.7	1937.7	1938.2	1936.8	1934.1	1931.4	1928.6	1925.9	1928.6
160°	1962.5	1963.8	1965.2	1966.5	1967.2	1965.8	1963.1	1960.4	1957.7	1955.0	1957.7
162.5°	1987.5	1989.6	1991.6	1993.7	1994.7	1993.2	1990.1	1987.0	1984.0	1980.9	1984.0
165°	2008.9	2011.0	2013.0	2015.1	2016.1	2014.7	2012.0	2009.3	2006.5	2003.8	2006.5
167.5°	2026.1	2028.5	2030.8	2033.2	2034.4	2032.9	2029.8	2026.7	2023.7	2020.6	2023.7
170°	2038.6	2041.3	2044.0	2046.7	2048.1	2046.6	2043.5	2040.5	2037.4	2034.4	2037.4
172.5°	2049.0	2051.4	2053.7	2056.1	2057.3	2055.8	2052.7	2049.6	2046.6	2043.5	2046.6
175°	2055.4	2058.1	2060.8	2063.5	2064.9	2063.4	2060.3	2057.3	2054.2	2051.2	2054.2
177.5°	2059.7	2062.1	2064.4	2066.8	2068.0	2066.6	2063.9	2061.2	2058.5	2055.8	2058.5
180°	2060.3	2060.3	2060.3	2060.3	2060.3	2060.3	2060.3	2060.3	2060.3	2060.3	2060.3

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CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	1840.6	1840.6	1840.6	1840.6	1840.6	1840.6	1840.6	1840.6	1840.6	1840.6	1840.6
2.5°	1970.3	1959.4	1962.5	1959.4	1951.6	1946.9	1934.4	1918.8	1912.5	1904.7	1900.0
5°	2128.1	2120.3	2118.8	2106.3	2103.1	2084.4	2053.1	2037.5	2018.8	2000.0	1981.3
7.5°	2300.0	2290.6	2259.4	2254.7	2257.8	2234.4	2193.8	2162.5	2123.4	2096.9	2060.9
10°	2442.2	2423.4	2396.9	2398.4	2387.5	2356.3	2315.6	2282.8	2226.6	2192.2	2140.6
12.5°	2528.1	2512.5	2509.4	2493.8	2484.4	2443.8	2395.3	2353.1	2310.9	2264.1	2225.0
15°	2632.8	2612.5	2598.4	2576.6	2570.3	2528.1	2475.0	2426.6	2378.1	2334.4	2251.6
17.5°	2748.4	2726.6	2673.4	2668.8	2631.3	2590.6	2539.1	2467.2	2415.6	2353.1	2292.2
20°	2879.7	2848.4	2779.7	2762.5	2732.8	2665.6	2595.3	2515.6	2432.8	2368.8	2296.9
22.5°	3026.6	2971.9	2921.9	2867.2	2845.3	2762.5	2665.6	2568.8	2468.8	2381.3	2295.3
25°	3217.2	3145.3	3075.0	3020.3	2982.8	2875.0	2745.3	2617.2	2501.6	2387.5	2275.0
27.5°	3367.2	3304.7	3228.1	3156.3	3107.8	2979.7	2831.3	2665.6	2521.9	2382.8	2262.5
30°	3378.1	3359.4	3312.5	3273.5	3220.3	3082.8	2918.8	2731.3	2553.1	2384.4	2237.5
32.5°	3173.5	3211.0	3231.3	3237.5	3226.6	3146.9	2996.9	2790.6	2581.3	2370.3	2215.6
35°	2732.8	2832.8	2956.3	3003.1	3048.5	3090.6	3012.5	2832.8	2590.6	2367.2	2181.3
37.5°	2250.0	2340.6	2545.3	2639.1	2692.2	2859.4	2923.5	2826.6	2609.4	2370.3	2148.4
40°	1815.6	1959.4	2106.3	2232.8	2315.6	2503.1	2701.6	2723.4	2582.8	2340.6	2106.3
42.5°	1528.1	1612.5	1723.4	1840.6	1914.1	2135.9	2404.7	2562.5	2500.0	2292.2	2054.7
45°	1301.6	1364.1	1468.8	1507.8	1601.6	1814.1	2098.4	2326.6	2357.8	2215.6	1995.3
47.5°	1117.2	1170.3	1237.5	1285.9	1360.9	1520.3	1760.9	2012.5	2162.5	2110.9	1912.5
50°	984.4	1028.1	1084.4	1112.5	1160.9	1304.7	1485.9	1735.9	1937.5	1954.7	1804.7
52.5°	873.4	898.4	942.2	973.4	1012.5	1100.0	1264.1	1470.3	1696.9	1790.6	1671.9
55°	776.6	796.9	835.9	856.3	876.6	951.6	1079.7	1267.2	1479.7	1603.1	1535.9
57.5°	689.1	706.3	739.1	757.8	768.8	840.6	939.1	1085.9	1276.6	1426.6	1389.1
60°	617.2	632.8	651.6	665.6	678.1	737.5	806.3	925.0	1095.3	1240.6	1231.3
62.5°	540.6	554.7	575.0	589.1	600.0	637.5	695.3	785.9	931.3	1065.6	1092.2
65°	473.4	484.4	498.4	504.7	518.8	546.9	593.8	675.0	793.8	914.1	932.8
67.5°	412.5	415.6	425.0	439.1	442.2	467.2	509.4	570.3	662.5	760.9	790.6
70°	346.9	351.6	359.4	370.3	376.6	392.2	428.1	468.8	548.4	634.4	656.3
72.5°	289.1	295.3	298.4	304.7	307.8	332.8	348.4	389.1	443.8	515.6	539.1
75°	234.4	240.6	242.2	245.3	248.4	259.4	281.3	306.3	351.6	398.4	429.7
77.5°	185.9	184.4	187.5	192.2	190.6	200.0	214.1	235.9	265.6	304.7	325.0
80°	131.3	131.3	135.9	140.6	139.1	148.4	153.1	168.8	193.8	218.8	226.6
82.5°	87.5	87.5	92.2	92.2	95.3	96.9	103.1	110.9	131.3	143.8	148.4
85°	50.0	50.0	51.6	51.6	51.6	54.7	59.4	62.5	68.8	76.6	79.7
87.5°	20.3	21.9	21.9	21.9	21.9	25.0	25.0	28.1	29.7	32.8	32.8
90°	34.7	33.6	32.6	32.1	31.2	29.5	27.8	26.1	24.4	22.0	19.6
92.5°	32.9	32.6	32.3	32.1	31.2	29.5	27.8	26.1	24.4	22.4	20.4
95°	32.1	32.1	32.1	32.1	31.2	29.5	27.8	26.1	24.4	37.3	50.2
97.5°	31.4	31.0	30.7	30.5	30.2	29.5	28.8	28.2	27.5	59.7	92.0
100°	34.8	36.2	37.5	38.2	63.5	114.1	164.6	215.2	265.8	264.4	263.0
102.5°	289.2	317.7	346.2	360.4	360.1	359.4	358.7	358.1	357.4	356.7	356.0
105°	454.3	454.6	454.9	455.1	455.1	455.1	455.1	455.1	455.1	455.1	455.1
107.5°	554.1	555.5	556.8	557.5	557.3	557.0	556.6	556.3	555.9	555.2	554.6
110°	653.0	652.7	652.4	652.2	652.7	653.7	654.7	655.7	656.7	656.0	655.4

TEST NUMBER: P1035149

CATALOG NUMBER: S125DIW-B1270D1560UB30-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	746.7	747.4	748.1	748.4	749.1	750.4	751.8	753.1	754.5	754.2	753.8
115°	841.0	843.1	845.1	846.1	846.8	848.1	849.5	850.8	852.2	851.9	851.5
117.5°	937.6	938.3	939.0	939.3	940.3	942.4	944.4	946.5	948.5	947.1	945.8
120°	1029.8	1031.5	1033.2	1034.0	1034.3	1035.0	1035.7	1036.3	1037.0	1036.0	1035.0
122.5°	1115.9	1118.0	1120.0	1121.0	1121.3	1122.0	1122.7	1123.4	1124.1	1123.8	1123.4
125°	1200.9	1202.0	1203.0	1203.5	1204.2	1205.5	1206.9	1208.2	1209.6	1209.6	1209.6
127.5°	1276.1	1278.8	1281.5	1282.9	1283.2	1283.9	1284.6	1285.3	1286.0	1286.3	1286.7
130°	1353.5	1355.2	1356.9	1357.8	1358.3	1359.3	1360.4	1361.4	1362.4	1362.0	1361.7
132.5°	1426.9	1428.6	1430.3	1431.1	1431.1	1431.1	1431.1	1431.1	1431.1	1432.1	1433.1
135°	1493.2	1495.2	1497.3	1498.3	1498.6	1499.3	1500.0	1500.6	1501.3	1502.0	1502.7
137.5°	1561.3	1563.0	1564.7	1565.5	1565.5	1565.5	1565.5	1565.5	1565.5	1566.2	1566.9
140°	1621.5	1623.5	1625.6	1626.6	1626.3	1625.6	1624.9	1624.2	1623.5	1623.9	1624.2
142.5°	1678.0	1680.0	1682.1	1683.1	1683.1	1683.1	1683.1	1683.1	1683.1	1682.4	1681.7
145°	1733.0	1735.0	1737.1	1738.1	1737.9	1737.6	1737.3	1736.9	1736.6	1736.6	1736.6
147.5°	1779.5	1781.8	1784.2	1785.4	1785.2	1784.9	1784.6	1784.2	1783.9	1783.6	1783.2
150°	1824.4	1827.1	1829.8	1831.2	1830.9	1830.2	1829.5	1828.9	1828.2	1827.5	1826.8
152.5°	1865.1	1867.4	1869.8	1871.0	1870.7	1870.0	1869.3	1868.6	1867.9	1867.2	1866.5
155°	1900.8	1903.5	1906.2	1907.6	1907.1	1906.1	1905.0	1904.0	1903.0	1902.3	1901.7
157.5°	1931.4	1934.1	1936.8	1938.2	1937.7	1936.7	1935.6	1934.6	1933.6	1933.6	1933.6
160°	1960.4	1963.1	1965.8	1967.2	1966.5	1965.2	1963.8	1962.5	1961.1	1960.7	1960.4
162.5°	1987.0	1990.1	1993.2	1994.7	1993.7	1991.6	1989.6	1987.5	1985.5	1985.2	1984.8
165°	2009.3	2012.0	2014.7	2016.1	2015.1	2013.0	2011.0	2008.9	2006.9	2006.6	2006.2
167.5°	2026.7	2029.8	2032.9	2034.4	2033.2	2030.8	2028.5	2026.1	2023.7	2023.4	2023.0
170°	2040.5	2043.5	2046.6	2048.1	2046.7	2044.0	2041.3	2038.6	2035.9	2035.6	2035.2
172.5°	2049.6	2052.7	2055.8	2057.3	2056.1	2053.7	2051.4	2049.0	2046.6	2045.9	2045.2
175°	2057.3	2060.3	2063.4	2064.9	2063.5	2060.8	2058.1	2055.4	2052.7	2052.4	2052.0
177.5°	2061.2	2063.9	2066.6	2068.0	2066.8	2064.4	2062.1	2059.7	2057.3	2057.0	2056.6
180°	2060.3	2060.3	2060.3	2060.3	2060.3	2060.3	2060.3	2060.3	2060.3	2060.3	2060.3

TEST NUMBER: P1035149

CATALOG NUMBER: S125DIW-B1270D1560UB30-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
0°	1840.6	1840.6	1840.6	1840.6	1840.6	1840.6	1840.6	1840.6	1840.6	1840.6	1840.6
2.5°	1893.8	1885.9	1876.6	1876.6	1865.6	1860.9	1851.6	1848.4	1840.6	1828.1	1818.8
5°	1960.9	1940.6	1928.1	1917.2	1893.8	1876.6	1859.4	1840.6	1821.9	1800.0	1775.0
7.5°	2026.6	1989.1	1971.9	1953.1	1918.8	1882.8	1848.4	1823.4	1798.4	1764.1	1732.8
10°	2095.3	2048.4	2017.2	1992.2	1939.1	1893.8	1843.8	1807.8	1768.8	1725.0	1684.4
12.5°	2153.1	2092.2	2065.6	2018.8	1957.8	1903.1	1840.6	1785.9	1734.4	1682.8	1632.8
15°	2201.6	2143.8	2078.1	2059.4	1975.0	1896.9	1826.6	1756.3	1692.2	1640.6	1582.8
17.5°	2217.2	2143.8	2110.9	2065.6	1965.6	1884.4	1795.3	1718.8	1657.8	1581.3	1535.9
20°	2221.9	2151.6	2106.3	2064.1	1975.0	1867.2	1779.7	1685.9	1612.5	1535.9	1464.1
22.5°	2209.4	2126.6	2082.8	2042.2	1942.2	1850.0	1748.4	1645.3	1559.4	1489.1	1417.2
25°	2185.9	2089.1	2046.9	2003.1	1907.8	1806.3	1695.3	1596.9	1517.2	1432.8	1362.5
27.5°	2154.7	2043.8	1995.3	1950.0	1856.3	1760.9	1656.3	1554.7	1465.6	1376.6	1310.9
30°	2115.6	1987.5	1943.8	1884.4	1793.8	1703.1	1607.8	1506.3	1406.3	1321.9	1250.0
32.5°	2065.6	1931.3	1873.4	1817.2	1718.8	1635.9	1545.3	1450.0	1353.1	1270.3	1195.3
35°	2020.3	1867.2	1803.1	1746.9	1637.5	1550.0	1475.0	1385.9	1300.0	1214.1	1146.9
37.5°	1959.4	1803.1	1726.6	1668.8	1557.8	1468.8	1398.4	1329.7	1239.1	1156.3	1093.8
40°	1895.3	1723.4	1651.6	1593.8	1478.1	1381.3	1314.1	1253.1	1179.7	1103.1	1037.5
42.5°	1837.5	1646.9	1570.3	1500.0	1382.8	1296.9	1228.1	1181.3	1114.1	1045.3	985.9
45°	1764.1	1565.6	1482.8	1409.4	1296.9	1203.1	1137.5	1100.0	1050.0	982.8	931.3
47.5°	1689.1	1478.1	1392.2	1320.3	1198.4	1115.6	1051.6	1015.6	981.3	928.1	876.6
50°	1590.6	1385.9	1307.8	1225.0	1104.7	1020.3	967.2	931.3	904.7	867.2	823.4
52.5°	1482.8	1290.6	1206.3	1134.4	1015.6	939.1	878.1	857.8	831.3	803.1	765.6
55°	1368.8	1187.5	1106.3	1035.9	926.6	848.4	798.4	776.6	756.3	734.4	709.4
57.5°	1254.7	1079.7	1003.1	940.6	839.1	764.1	723.4	693.8	679.7	667.2	646.9
60°	1112.5	964.1	904.7	848.4	748.4	679.7	640.6	618.8	606.3	600.0	590.6
62.5°	987.5	865.6	800.0	745.3	665.6	604.7	567.2	550.0	539.1	535.9	525.0
65°	854.7	750.0	698.4	651.6	582.8	528.1	496.9	476.6	468.8	467.2	467.2
67.5°	729.7	645.3	593.8	560.9	501.6	453.1	423.4	415.6	410.9	404.7	403.1
70°	612.5	545.3	500.0	471.9	418.8	382.8	359.4	346.9	346.9	342.2	339.1
72.5°	509.4	442.2	412.5	389.1	345.3	314.1	296.9	293.8	282.8	281.3	281.3
75°	398.4	348.4	328.1	307.8	275.0	253.1	239.1	231.3	225.0	225.0	226.6
77.5°	300.0	265.6	246.9	231.3	207.8	193.8	182.8	179.7	173.4	173.4	173.4
80°	212.5	193.8	179.7	167.2	150.0	137.5	131.3	125.0	125.0	123.4	125.0
82.5°	137.5	121.9	114.1	112.5	96.9	92.2	84.4	85.9	81.3	79.7	82.8
85°	79.7	71.9	62.5	59.4	53.1	46.9	43.8	45.3	43.8	42.2	43.8
87.5°	31.3	26.6	25.0	25.0	20.3	18.8	17.2	18.8	15.6	15.6	17.2
90°	17.3	14.9	13.7	12.3	9.6	6.9	4.2	1.5	4.2	6.9	9.6
92.5°	18.3	16.3	15.3	16.8	19.9	22.9	26.0	29.0	26.0	22.9	19.9
95°	63.1	76.0	82.5	83.0	84.0	85.1	86.1	87.1	86.1	85.1	84.0
97.5°	124.2	156.5	172.6	171.6	169.5	167.5	165.4	163.4	165.4	167.5	169.5
100°	261.7	260.3	259.6	259.1	258.1	257.1	256.1	255.1	256.1	257.1	258.1
102.5°	355.3	354.6	354.3	353.6	352.3	350.9	349.6	348.2	349.6	350.9	352.3
105°	455.1	455.1	455.1	454.4	453.1	451.7	450.4	449.0	450.4	451.7	453.1
107.5°	553.9	553.2	552.9	552.9	552.9	552.9	552.9	552.9	552.9	552.9	552.9
110°	654.7	654.0	653.7	653.7	653.7	653.7	653.7	653.7	653.7	653.7	653.7

TEST NUMBER: P1035149

CATALOG NUMBER: S125DIW-B1270D1560UB30-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
112.5°	753.5	753.2	753.0	752.5	751.5	750.4	749.4	748.4	749.4	750.4	751.5
115°	851.2	850.9	850.7	849.9	848.2	846.5	844.8	843.1	844.8	846.5	848.2
117.5°	944.4	943.1	942.4	942.4	942.4	942.4	942.4	942.4	942.4	942.4	942.4
120°	1034.0	1033.0	1032.5	1032.7	1033.0	1033.3	1033.7	1034.0	1033.7	1033.3	1033.0
122.5°	1123.1	1122.8	1122.6	1121.7	1120.0	1118.3	1116.6	1114.9	1116.6	1118.3	1120.0
125°	1209.6	1209.6	1209.6	1208.4	1206.0	1203.7	1201.3	1198.9	1201.3	1203.7	1206.0
127.5°	1287.0	1287.3	1287.5	1286.7	1285.0	1283.3	1281.6	1279.9	1281.6	1283.3	1285.0
130°	1361.3	1361.0	1360.8	1360.0	1358.3	1356.6	1354.9	1353.2	1354.9	1356.6	1358.3
132.5°	1434.2	1435.2	1435.7	1434.7	1432.6	1430.6	1428.5	1426.5	1428.5	1430.6	1432.6
135°	1503.4	1504.1	1504.4	1503.4	1501.3	1499.3	1497.2	1495.2	1497.2	1499.3	1501.3
137.5°	1567.6	1568.3	1568.6	1567.6	1565.5	1563.5	1561.4	1559.4	1561.4	1563.5	1565.5
140°	1624.6	1624.9	1625.1	1624.8	1624.1	1623.4	1622.7	1622.0	1622.7	1623.4	1624.1
142.5°	1681.0	1680.3	1680.0	1679.8	1679.5	1679.2	1678.8	1678.5	1678.8	1679.2	1679.5
145°	1736.6	1736.6	1736.6	1736.3	1735.6	1734.9	1734.2	1733.5	1734.2	1734.9	1735.6
147.5°	1782.9	1782.6	1782.4	1782.4	1782.4	1782.4	1782.4	1782.4	1782.4	1782.4	1782.4
150°	1826.1	1825.4	1825.1	1825.4	1826.1	1826.8	1827.5	1828.2	1827.5	1826.8	1826.1
152.5°	1865.8	1865.1	1864.8	1865.7	1867.4	1869.1	1870.8	1872.5	1870.8	1869.1	1867.4
155°	1901.0	1900.3	1900.0	1901.0	1903.0	1905.1	1907.1	1909.1	1907.1	1905.1	1903.0
157.5°	1933.6	1933.6	1933.6	1934.1	1935.1	1936.2	1937.2	1938.2	1937.2	1936.2	1935.1
160°	1960.0	1959.7	1959.5	1960.5	1962.6	1964.6	1966.7	1968.7	1966.7	1964.6	1962.6
162.5°	1984.5	1984.2	1984.0	1985.0	1987.0	1989.1	1991.1	1993.1	1991.1	1989.1	1987.0
165°	2005.9	2005.6	2005.4	2006.4	2008.4	2010.5	2012.5	2014.5	2012.5	2010.5	2008.4
167.5°	2022.7	2022.4	2022.2	2023.2	2025.2	2027.3	2029.3	2031.3	2029.3	2027.3	2025.2
170°	2034.9	2034.6	2034.4	2035.6	2038.0	2040.3	2042.7	2045.1	2042.7	2040.3	2038.0
172.5°	2044.5	2043.8	2043.5	2044.7	2047.1	2049.4	2051.8	2054.2	2051.8	2049.4	2047.1
175°	2051.7	2051.4	2051.2	2052.2	2054.2	2056.3	2058.3	2060.3	2058.3	2056.3	2054.2
177.5°	2056.3	2056.0	2055.8	2056.8	2058.8	2060.9	2062.9	2064.9	2062.9	2060.9	2058.8
180°	2060.3	2060.3	2060.3	2060.3	2060.3	2060.3	2060.3	2060.3	2060.3	2060.3	2060.3

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CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
0°	1840.6	1840.6	1840.6	1840.6	1840.6	1840.6	1840.6	1840.6	1840.6	1840.6	1840.6
2.5°	1815.6	1812.5	1804.7	1800.0	1784.4	1765.6	1759.4	1743.8	1750.0	1739.1	1739.1
5°	1767.2	1753.1	1743.8	1729.7	1700.0	1679.7	1657.8	1646.9	1640.6	1632.8	1626.6
7.5°	1704.7	1693.8	1684.4	1657.8	1625.0	1596.9	1570.3	1559.4	1539.1	1525.0	1518.8
10°	1650.0	1634.4	1612.5	1581.3	1546.9	1510.9	1487.5	1464.1	1448.4	1440.6	1423.4
12.5°	1593.8	1575.0	1551.6	1506.3	1468.8	1446.9	1404.7	1382.8	1375.0	1368.8	1348.4
15°	1535.9	1515.6	1487.5	1445.3	1412.5	1360.9	1335.9	1318.8	1300.0	1298.4	1282.8
17.5°	1484.4	1459.4	1435.9	1384.4	1343.8	1298.4	1284.4	1265.6	1248.4	1229.7	1221.9
20°	1418.8	1395.3	1378.1	1321.9	1276.6	1248.4	1225.0	1209.4	1198.4	1179.7	1176.6
22.5°	1359.4	1334.4	1310.9	1268.8	1229.7	1193.8	1165.6	1148.4	1143.8	1135.9	1121.9
25°	1301.6	1276.6	1248.4	1209.4	1168.8	1143.8	1118.8	1107.8	1098.4	1085.9	1075.0
27.5°	1253.1	1229.7	1203.1	1154.7	1120.3	1101.6	1075.0	1062.5	1050.0	1043.8	1039.1
30°	1195.3	1168.8	1148.4	1110.9	1073.4	1048.4	1029.7	1018.8	1007.8	1001.6	998.4
32.5°	1139.1	1114.1	1100.0	1059.4	1029.7	1000.0	985.9	978.1	971.9	965.6	959.4
35°	1093.8	1068.8	1046.9	1009.4	979.7	959.4	948.4	935.9	931.3	925.0	925.0
37.5°	1037.5	1018.8	996.9	960.9	934.4	918.8	909.4	893.8	892.2	889.1	884.4
40°	989.1	970.3	950.0	918.8	895.3	876.6	864.1	856.3	851.6	848.4	845.3
42.5°	937.5	917.2	907.8	871.9	851.6	832.8	826.6	818.8	817.2	810.9	803.1
45°	887.5	870.3	851.6	825.0	807.8	792.2	782.8	776.6	768.8	767.2	762.5
47.5°	843.8	823.4	806.3	781.3	762.5	750.0	742.2	734.4	728.1	723.4	718.8
50°	787.5	771.9	757.8	731.3	715.6	703.1	692.2	685.9	679.7	679.7	679.7
52.5°	732.8	718.8	706.3	687.5	668.8	657.8	645.3	640.6	637.5	632.8	637.5
55°	679.7	665.6	653.1	639.1	617.2	607.8	595.3	590.6	592.2	592.2	596.9
57.5°	623.4	612.5	604.7	587.5	567.2	557.8	550.0	545.3	545.3	551.6	553.1
60°	568.8	557.8	543.8	528.1	515.6	504.7	500.0	501.6	501.6	504.7	512.5
62.5°	507.8	501.6	493.8	471.9	464.1	456.3	450.0	454.7	453.1	460.9	471.9
65°	451.6	445.3	434.4	423.4	414.1	406.3	404.7	406.3	409.4	417.2	429.7
67.5°	389.1	389.1	379.7	370.3	362.5	354.7	356.3	357.8	360.9	370.3	389.1
70°	337.5	331.3	321.9	315.6	309.4	306.3	303.1	309.4	318.8	325.0	339.1
72.5°	281.3	276.6	268.8	262.5	260.9	257.8	256.3	259.4	268.8	279.7	295.3
75°	221.9	223.4	218.8	214.1	214.1	209.4	212.5	212.5	221.9	232.8	245.3
77.5°	171.9	170.3	168.8	165.6	164.1	164.1	164.1	167.2	176.6	182.8	195.3
80°	121.9	123.4	118.8	120.3	118.8	120.3	120.3	126.6	131.3	139.1	148.4
82.5°	81.3	81.3	78.1	79.7	79.7	79.7	81.3	84.4	90.6	96.9	103.1
85°	45.3	46.9	43.8	46.9	46.9	46.9	48.4	50.0	54.7	56.3	62.5
87.5°	17.2	20.3	20.3	17.2	18.8	20.3	21.9	20.3	23.4	26.6	28.1
90°	12.3	13.7	14.9	17.3	19.6	22.0	24.4	26.1	27.8	29.5	31.2
92.5°	16.8	15.3	16.3	18.3	20.4	22.4	24.4	26.1	27.8	29.5	31.2
95°	83.0	82.5	76.0	63.1	50.2	37.3	24.4	26.1	27.8	29.5	31.2
97.5°	171.6	172.6	156.5	124.2	92.0	59.7	27.5	28.2	28.8	29.5	30.2
100°	259.1	259.6	260.3	261.7	263.0	264.4	265.8	215.2	164.6	114.1	63.5
102.5°	353.6	354.3	354.6	355.3	356.0	356.7	357.4	358.1	358.7	359.4	360.1
105°	454.4	455.1	455.1	455.1	455.1	455.1	455.1	455.1	455.1	455.1	455.1
107.5°	552.9	552.9	553.2	553.9	554.6	555.2	555.9	556.3	556.6	557.0	557.3
110°	653.7	653.7	654.0	654.7	655.4	656.0	656.7	655.7	654.7	653.7	652.7

TEST NUMBER: P1035149

CATALOG NUMBER: S125DIW-B1270D1560UB30-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
112.5°	752.5	753.0	753.2	753.5	753.8	754.2	754.5	753.1	751.8	750.4	749.1
115°	849.9	850.7	850.9	851.2	851.5	851.9	852.2	850.8	849.5	848.1	846.8
117.5°	942.4	942.4	943.1	944.4	945.8	947.1	948.5	946.5	944.4	942.4	940.3
120°	1032.7	1032.5	1033.0	1034.0	1035.0	1036.0	1037.0	1036.3	1035.7	1035.0	1034.3
122.5°	1121.7	1122.6	1122.8	1123.1	1123.4	1123.8	1124.1	1123.4	1122.7	1122.0	1121.3
125°	1208.4	1209.6	1209.6	1209.6	1209.6	1209.6	1209.6	1208.2	1206.9	1205.5	1204.2
127.5°	1286.7	1287.5	1287.3	1287.0	1286.7	1286.3	1286.0	1285.3	1284.6	1283.9	1283.2
130°	1360.0	1360.8	1361.0	1361.3	1361.7	1362.0	1362.4	1361.4	1360.4	1359.3	1358.3
132.5°	1434.7	1435.7	1435.2	1434.2	1433.1	1432.1	1431.1	1431.1	1431.1	1431.1	1431.1
135°	1503.4	1504.4	1504.1	1503.4	1502.7	1502.0	1501.3	1500.6	1500.0	1499.3	1498.6
137.5°	1567.6	1568.6	1568.3	1567.6	1566.9	1566.2	1565.5	1565.5	1565.5	1565.5	1565.5
140°	1624.8	1625.1	1624.9	1624.6	1624.2	1623.9	1623.5	1624.2	1624.9	1625.6	1626.3
142.5°	1679.8	1680.0	1680.3	1681.0	1681.7	1682.4	1683.1	1683.1	1683.1	1683.1	1683.1
145°	1736.3	1736.6	1736.6	1736.6	1736.6	1736.6	1736.6	1736.9	1737.3	1737.6	1737.9
147.5°	1782.4	1782.4	1782.6	1782.9	1783.2	1783.6	1783.9	1784.2	1784.6	1784.9	1785.2
150°	1825.4	1825.1	1825.4	1826.1	1826.8	1827.5	1828.2	1828.9	1829.5	1830.2	1830.9
152.5°	1865.7	1864.8	1865.1	1865.8	1866.5	1867.2	1867.9	1868.6	1869.3	1870.0	1870.7
155°	1901.0	1900.0	1900.3	1901.0	1901.7	1902.3	1903.0	1904.0	1905.0	1906.1	1907.1
157.5°	1934.1	1933.6	1933.6	1933.6	1933.6	1933.6	1933.6	1934.6	1935.6	1936.7	1937.7
160°	1960.5	1959.5	1959.7	1960.0	1960.4	1960.7	1961.1	1962.5	1963.8	1965.2	1966.5
162.5°	1985.0	1984.0	1984.2	1984.5	1984.8	1985.2	1985.5	1987.5	1989.6	1991.6	1993.7
165°	2006.4	2005.4	2005.6	2005.9	2006.2	2006.6	2006.9	2008.9	2011.0	2013.0	2015.1
167.5°	2023.2	2022.2	2022.4	2022.7	2023.0	2023.4	2023.7	2026.1	2028.5	2030.8	2033.2
170°	2035.6	2034.4	2034.6	2034.9	2035.2	2035.6	2035.9	2038.6	2041.3	2044.0	2046.7
172.5°	2044.7	2043.5	2043.8	2044.5	2045.2	2045.9	2046.6	2049.0	2051.4	2053.7	2056.1
175°	2052.2	2051.2	2051.4	2051.7	2052.0	2052.4	2052.7	2055.4	2058.1	2060.8	2063.5
177.5°	2056.8	2055.8	2056.0	2056.3	2056.6	2057.0	2057.3	2059.7	2062.1	2064.4	2066.8
180°	2060.3	2060.3	2060.3	2060.3	2060.3	2060.3	2060.3	2060.3	2060.3	2060.3	2060.3

TEST NUMBER: P1035149

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CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
0°	1840.6	1840.6	1840.6	1840.6	1840.6	1840.6	1840.6	1840.6	1840.6	1840.6	1840.6
2.5°	1745.3	1734.4	1732.8	1735.9	1729.7	1739.1	1735.9	1739.1	1731.3	1739.1	1734.4
5°	1625.0	1621.9	1615.6	1607.8	1609.4	1610.9	1618.8	1610.9	1617.2	1618.8	1626.6
7.5°	1512.5	1506.3	1510.9	1507.8	1493.8	1490.6	1493.8	1498.4	1507.8	1514.1	1518.8
10°	1421.9	1418.8	1412.5	1407.8	1400.0	1395.3	1401.6	1395.3	1407.8	1418.8	1418.8
12.5°	1353.1	1340.6	1332.8	1331.3	1314.1	1317.2	1323.4	1328.1	1342.2	1348.4	1348.4
15°	1281.3	1271.9	1268.8	1262.5	1256.3	1262.5	1259.4	1264.1	1270.3	1276.6	1279.7
17.5°	1218.8	1217.2	1218.8	1203.1	1207.8	1200.0	1201.6	1209.4	1204.7	1209.4	1218.8
20°	1162.5	1165.6	1160.9	1154.7	1154.7	1145.3	1156.3	1153.1	1154.7	1164.1	1178.1
22.5°	1120.3	1118.8	1114.1	1109.4	1103.1	1104.7	1106.3	1103.1	1115.6	1123.4	1125.0
25°	1075.0	1071.9	1070.3	1065.6	1059.4	1065.6	1064.1	1065.6	1068.8	1081.3	1071.9
27.5°	1032.8	1026.6	1029.7	1025.0	1023.4	1025.0	1025.0	1026.6	1029.7	1031.3	1032.8
30°	996.9	990.6	989.1	985.9	984.4	985.9	989.1	985.9	998.4	996.9	996.9
32.5°	957.8	953.1	950.0	950.0	948.4	946.9	948.4	950.0	959.4	953.1	959.4
35°	920.3	917.2	917.2	914.1	912.5	912.5	912.5	918.8	915.6	920.3	920.3
37.5°	884.4	884.4	882.8	879.7	878.1	879.7	878.1	881.3	879.7	881.3	882.8
40°	846.9	843.8	842.2	842.2	837.5	832.8	837.5	837.5	839.1	843.8	845.3
42.5°	801.6	803.1	803.1	796.9	796.9	796.9	798.4	800.0	800.0	803.1	803.1
45°	762.5	759.4	759.4	759.4	756.3	757.8	760.9	760.9	760.9	760.9	757.8
47.5°	718.8	718.8	720.3	720.3	725.0	723.4	723.4	721.9	718.8	718.8	720.3
50°	678.1	682.8	684.4	684.4	685.9	687.5	687.5	684.4	682.8	678.1	678.1
52.5°	639.1	642.2	645.3	650.0	653.1	651.6	651.6	648.4	642.2	640.6	639.1
55°	596.9	601.6	607.8	612.5	617.2	618.8	618.8	612.5	606.3	598.4	598.4
57.5°	557.8	562.5	573.4	578.1	584.4	584.4	581.3	576.6	567.2	560.9	556.3
60°	518.8	526.6	534.4	543.8	551.6	553.1	548.4	542.2	531.3	523.4	517.2
62.5°	476.6	484.4	500.0	509.4	515.6	515.6	515.6	507.8	493.8	482.8	473.4
65°	435.9	443.8	457.8	470.3	475.0	479.7	475.0	467.2	456.3	443.8	434.4
67.5°	393.8	403.1	417.2	426.6	432.8	437.5	434.4	428.1	414.1	396.9	390.6
70°	346.9	351.6	371.9	381.3	390.6	393.8	390.6	381.3	367.2	348.4	342.2
72.5°	303.1	307.8	326.6	334.4	342.2	345.3	340.6	334.4	321.9	304.7	296.9
75°	253.1	260.9	270.3	282.8	292.2	295.3	290.6	285.9	270.3	259.4	253.1
77.5°	200.0	207.8	220.3	231.3	240.6	239.1	232.8	234.4	217.2	204.7	200.0
80°	151.6	157.8	167.2	176.6	181.3	181.3	179.7	173.4	167.2	157.8	150.0
82.5°	104.7	112.5	120.3	126.6	126.6	128.1	125.0	123.4	117.2	109.4	107.8
85°	62.5	64.1	70.3	70.3	76.6	73.4	71.9	76.6	70.3	65.6	64.1
87.5°	28.1	26.6	28.1	28.1	26.6	29.7	29.7	28.1	29.7	28.1	28.1
90°	32.1	32.6	33.6	34.7	35.7	36.7	35.7	34.7	33.6	32.6	32.1
92.5°	32.1	32.3	32.6	32.9	33.3	33.6	33.3	32.9	32.6	32.3	32.1
95°	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1
97.5°	30.5	30.7	31.0	31.4	31.7	32.1	31.7	31.4	31.0	30.7	30.5
100°	38.2	37.5	36.2	34.8	33.5	32.1	33.5	34.8	36.2	37.5	38.2
102.5°	360.4	346.2	317.7	289.2	260.7	232.2	260.7	289.2	317.7	346.2	360.4
105°	455.1	454.9	454.6	454.3	453.9	453.6	453.9	454.3	454.6	454.9	455.1
107.5°	557.5	556.8	555.5	554.1	552.8	551.4	552.8	554.1	555.5	556.8	557.5
110°	652.2	652.4	652.7	653.0	653.4	653.7	653.4	653.0	652.7	652.4	652.2

TEST NUMBER: P1035149

CATALOG NUMBER: S125DIW-B1270D1560UB30-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
112.5°	748.4	748.1	747.4	746.7	746.0	745.3	746.0	746.7	747.4	748.1	748.4
115°	846.1	845.1	843.1	841.0	839.0	837.0	839.0	841.0	843.1	845.1	846.1
117.5°	939.3	939.0	938.3	937.6	936.9	936.2	936.9	937.6	938.3	939.0	939.3
120°	1034.0	1033.2	1031.5	1029.8	1028.1	1026.4	1028.1	1029.8	1031.5	1033.2	1034.0
122.5°	1121.0	1120.0	1118.0	1115.9	1113.9	1111.9	1113.9	1115.9	1118.0	1120.0	1121.0
125°	1203.5	1203.0	1202.0	1200.9	1199.9	1198.9	1199.9	1200.9	1202.0	1203.0	1203.5
127.5°	1282.9	1281.5	1278.8	1276.1	1273.4	1270.7	1273.4	1276.1	1278.8	1281.5	1282.9
130°	1357.8	1356.9	1355.2	1353.5	1351.8	1350.1	1351.8	1353.5	1355.2	1356.9	1357.8
132.5°	1431.1	1430.3	1428.6	1426.9	1425.2	1423.5	1425.2	1426.9	1428.6	1430.3	1431.1
135°	1498.3	1497.3	1495.2	1493.2	1491.1	1489.1	1491.1	1493.2	1495.2	1497.3	1498.3
137.5°	1565.5	1564.7	1563.0	1561.3	1559.6	1557.9	1559.6	1561.3	1563.0	1564.7	1565.5
140°	1626.6	1625.6	1623.5	1621.5	1619.4	1617.4	1619.4	1621.5	1623.5	1625.6	1626.6
142.5°	1683.1	1682.1	1680.0	1678.0	1675.9	1673.9	1675.9	1678.0	1680.0	1682.1	1683.1
145°	1738.1	1737.1	1735.0	1733.0	1730.9	1728.9	1730.9	1733.0	1735.0	1737.1	1738.1
147.5°	1785.4	1784.2	1781.8	1779.5	1777.1	1774.7	1777.1	1779.5	1781.8	1784.2	1785.4
150°	1831.2	1829.8	1827.1	1824.4	1821.7	1819.0	1821.7	1824.4	1827.1	1829.8	1831.2
152.5°	1871.0	1869.8	1867.4	1865.1	1862.7	1860.3	1862.7	1865.1	1867.4	1869.8	1871.0
155°	1907.6	1906.2	1903.5	1900.8	1898.1	1895.4	1898.1	1900.8	1903.5	1906.2	1907.6
157.5°	1938.2	1936.8	1934.1	1931.4	1928.6	1925.9	1928.6	1931.4	1934.1	1936.8	1938.2
160°	1967.2	1965.8	1963.1	1960.4	1957.7	1955.0	1957.7	1960.4	1963.1	1965.8	1967.2
162.5°	1994.7	1993.2	1990.1	1987.0	1984.0	1980.9	1984.0	1987.0	1990.1	1993.2	1994.7
165°	2016.1	2014.7	2012.0	2009.3	2006.5	2003.8	2006.5	2009.3	2012.0	2014.7	2016.1
167.5°	2034.4	2032.9	2029.8	2026.7	2023.7	2020.6	2023.7	2026.7	2029.8	2032.9	2034.4
170°	2048.1	2046.6	2043.5	2040.5	2037.4	2034.4	2037.4	2040.5	2043.5	2046.6	2048.1
172.5°	2057.3	2055.8	2052.7	2049.6	2046.6	2043.5	2046.6	2049.6	2052.7	2055.8	2057.3
175°	2064.9	2063.4	2060.3	2057.3	2054.2	2051.2	2054.2	2057.3	2060.3	2063.4	2064.9
177.5°	2068.0	2066.6	2063.9	2061.2	2058.5	2055.8	2058.5	2061.2	2063.9	2066.6	2068.0
180°	2060.3	2060.3	2060.3	2060.3	2060.3	2060.3	2060.3	2060.3	2060.3	2060.3	2060.3

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CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
0°	1840.6	1840.6	1840.6	1840.6	1840.6	1840.6	1840.6	1840.6	1840.6	1840.6	1840.6
2.5°	1748.4	1739.1	1750.0	1735.9	1739.1	1756.3	1754.7	1770.3	1779.7	1778.1	1785.9
5°	1632.8	1632.8	1637.5	1635.9	1651.6	1665.6	1684.4	1700.0	1717.2	1726.6	1737.5
7.5°	1518.8	1534.4	1537.5	1545.3	1564.1	1587.5	1606.3	1629.7	1654.7	1671.9	1684.4
10°	1425.0	1437.5	1450.0	1456.3	1476.6	1507.8	1534.4	1571.9	1603.1	1621.9	1639.1
12.5°	1342.2	1356.3	1362.5	1390.6	1404.7	1425.0	1462.5	1503.1	1537.5	1557.8	1571.9
15°	1282.8	1290.6	1304.7	1321.9	1335.9	1360.9	1392.2	1437.5	1470.3	1487.5	1535.9
17.5°	1232.8	1242.2	1250.0	1257.8	1279.7	1306.3	1335.9	1375.0	1417.2	1446.9	1471.9
20°	1181.3	1185.9	1195.3	1207.8	1223.4	1248.4	1275.0	1315.6	1353.1	1376.6	1409.4
22.5°	1120.3	1134.4	1143.8	1153.1	1170.3	1198.4	1223.4	1253.1	1300.0	1326.6	1360.9
25°	1084.4	1090.6	1096.9	1107.8	1120.3	1145.3	1173.4	1204.7	1242.2	1270.3	1300.0
27.5°	1037.5	1046.9	1054.7	1068.8	1076.6	1096.9	1123.4	1154.7	1200.0	1223.4	1248.4
30°	998.4	1007.8	1014.1	1020.3	1031.3	1053.1	1078.1	1103.1	1145.3	1175.0	1200.0
32.5°	959.4	968.8	976.6	981.3	992.2	1006.3	1026.6	1057.8	1093.8	1114.1	1146.9
35°	925.0	925.0	934.4	940.6	950.0	962.5	981.3	1004.7	1042.2	1068.8	1098.4
37.5°	885.9	887.5	895.3	900.0	909.4	921.9	940.6	962.5	993.8	1014.1	1043.8
40°	845.3	850.0	853.1	860.9	871.9	876.6	895.3	920.3	951.6	970.3	995.3
42.5°	804.7	807.8	815.6	821.9	831.3	839.1	851.6	875.0	898.4	926.6	946.9
45°	759.4	767.2	771.9	782.8	787.5	795.3	807.8	826.6	854.7	871.9	895.3
47.5°	720.3	723.4	726.6	740.6	750.0	754.7	767.2	778.1	807.8	823.4	845.3
50°	678.1	678.1	682.8	689.1	700.0	709.4	720.3	732.8	756.3	771.9	793.8
52.5°	639.1	634.4	637.5	640.6	651.6	660.9	671.9	689.1	710.9	720.3	739.1
55°	596.9	589.1	593.8	598.4	601.6	614.1	626.6	637.5	654.7	668.8	685.9
57.5°	551.6	550.0	546.9	548.4	556.3	564.1	573.4	587.5	607.8	618.8	628.1
60°	510.9	501.6	498.4	501.6	506.3	510.9	523.4	535.9	553.1	564.1	575.0
62.5°	468.8	459.4	453.1	448.4	453.1	464.1	471.9	481.3	495.3	507.8	517.2
65°	428.1	414.1	407.8	404.7	403.1	410.9	417.2	429.7	442.2	446.9	457.8
67.5°	382.8	370.3	362.5	357.8	357.8	357.8	364.1	376.6	389.1	390.6	401.6
70°	337.5	323.4	315.6	309.4	306.3	309.4	317.2	318.8	329.7	332.8	339.1
72.5°	289.1	276.6	267.2	259.4	260.9	264.1	264.1	267.2	273.4	281.3	281.3
75°	243.8	226.6	221.9	215.6	212.5	212.5	212.5	218.8	223.4	229.7	228.1
77.5°	192.2	182.8	173.4	170.3	165.6	164.1	167.2	167.2	170.3	175.0	176.6
80°	148.4	137.5	131.3	128.1	121.9	120.3	121.9	121.9	126.6	125.0	126.6
82.5°	103.1	95.3	90.6	85.9	82.8	84.4	82.8	82.8	84.4	82.8	82.8
85°	59.4	57.8	54.7	53.1	51.6	48.4	51.6	50.0	48.4	46.9	50.0
87.5°	28.1	26.6	26.6	23.4	23.4	21.9	23.4	23.4	21.9	21.9	21.9
90°	31.2	29.5	27.8	26.1	24.4	22.0	19.6	17.3	14.9	13.7	12.3
92.5°	31.2	29.5	27.8	26.1	24.4	22.4	20.4	18.3	16.3	15.3	16.8
95°	31.2	29.5	27.8	26.1	24.4	37.3	50.2	63.1	76.0	82.5	83.0
97.5°	30.2	29.5	28.8	28.2	27.5	59.7	92.0	124.2	156.5	172.6	171.6
100°	63.5	114.1	164.6	215.2	265.8	264.4	263.0	261.7	260.3	259.6	259.1
102.5°	360.1	359.4	358.7	358.1	357.4	356.7	356.0	355.3	354.6	354.3	353.6
105°	455.1	455.1	455.1	455.1	455.1	455.1	455.1	455.1	455.1	455.1	454.4
107.5°	557.3	557.0	556.6	556.3	555.9	555.2	554.6	553.9	553.2	552.9	552.9
110°	652.7	653.7	654.7	655.7	656.7	656.0	655.4	654.7	654.0	653.7	653.7

TEST NUMBER: P1035149

CATALOG NUMBER: S125DIW-B1270D1560UB30-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
112.5°	749.1	750.4	751.8	753.1	754.5	754.2	753.8	753.5	753.2	753.0	752.5
115°	846.8	848.1	849.5	850.8	852.2	851.9	851.5	851.2	850.9	850.7	849.9
117.5°	940.3	942.4	944.4	946.5	948.5	947.1	945.8	944.4	943.1	942.4	942.4
120°	1034.3	1035.0	1035.7	1036.3	1037.0	1036.0	1035.0	1034.0	1033.0	1032.5	1032.7
122.5°	1121.3	1122.0	1122.7	1123.4	1124.1	1123.8	1123.4	1123.1	1122.8	1122.6	1121.7
125°	1204.2	1205.5	1206.9	1208.2	1209.6	1209.6	1209.6	1209.6	1209.6	1209.6	1208.4
127.5°	1283.2	1283.9	1284.6	1285.3	1286.0	1286.3	1286.7	1287.0	1287.3	1287.5	1286.7
130°	1358.3	1359.3	1360.4	1361.4	1362.4	1362.0	1361.7	1361.3	1361.0	1360.8	1360.0
132.5°	1431.1	1431.1	1431.1	1431.1	1431.1	1432.1	1433.1	1434.2	1435.2	1435.7	1434.7
135°	1498.6	1499.3	1500.0	1500.6	1501.3	1502.0	1502.7	1503.4	1504.1	1504.4	1503.4
137.5°	1565.5	1565.5	1565.5	1565.5	1565.5	1566.2	1566.9	1567.6	1568.3	1568.6	1567.6
140°	1626.3	1625.6	1624.9	1624.2	1623.5	1623.9	1624.2	1624.6	1624.9	1625.1	1624.8
142.5°	1683.1	1683.1	1683.1	1683.1	1683.1	1682.4	1681.7	1681.0	1680.3	1680.0	1679.8
145°	1737.9	1737.6	1737.3	1736.9	1736.6	1736.6	1736.6	1736.6	1736.6	1736.6	1736.3
147.5°	1785.2	1784.9	1784.6	1784.2	1783.9	1783.6	1783.2	1782.9	1782.6	1782.4	1782.4
150°	1830.9	1830.2	1829.5	1828.9	1828.2	1827.5	1826.8	1826.1	1825.4	1825.1	1825.4
152.5°	1870.7	1870.0	1869.3	1868.6	1867.9	1867.2	1866.5	1865.8	1865.1	1864.8	1865.7
155°	1907.1	1906.1	1905.0	1904.0	1903.0	1902.3	1901.7	1901.0	1900.3	1900.0	1901.0
157.5°	1937.7	1936.7	1935.6	1934.6	1933.6	1933.6	1933.6	1933.6	1933.6	1933.6	1934.1
160°	1966.5	1965.2	1963.8	1962.5	1961.1	1960.7	1960.4	1960.0	1959.7	1959.5	1960.5
162.5°	1993.7	1991.6	1989.6	1987.5	1985.5	1985.2	1984.8	1984.5	1984.2	1984.0	1985.0
165°	2015.1	2013.0	2011.0	2008.9	2006.9	2006.6	2006.2	2005.9	2005.6	2005.4	2006.4
167.5°	2033.2	2030.8	2028.5	2026.1	2023.7	2023.4	2023.0	2022.7	2022.4	2022.2	2023.2
170°	2046.7	2044.0	2041.3	2038.6	2035.9	2035.6	2035.2	2034.9	2034.6	2034.4	2035.6
172.5°	2056.1	2053.7	2051.4	2049.0	2046.6	2045.9	2045.2	2044.5	2043.8	2043.5	2044.7
175°	2063.5	2060.8	2058.1	2055.4	2052.7	2052.4	2052.0	2051.7	2051.4	2051.2	2052.2
177.5°	2066.8	2064.4	2062.1	2059.7	2057.3	2057.0	2056.6	2056.3	2056.0	2055.8	2056.8
180°	2060.3	2060.3	2060.3	2060.3	2060.3	2060.3	2060.3	2060.3	2060.3	2060.3	2060.3

TEST NUMBER: P1035149

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CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
0°	1840.6	1840.6	1840.6	1840.6
2.5°	1796.9	1812.5	1823.4	1843.8
5°	1756.3	1784.4	1810.9	1839.1
7.5°	1715.6	1748.4	1790.6	1826.6
10°	1670.3	1712.5	1762.5	1810.9
12.5°	1625.0	1675.0	1729.7	1793.8
15°	1570.3	1634.4	1698.4	1767.2
17.5°	1521.9	1587.5	1656.3	1742.2
20°	1467.2	1539.1	1614.1	1701.6
22.5°	1418.8	1498.4	1576.6	1668.8
25°	1364.1	1442.2	1528.1	1626.6
27.5°	1318.8	1390.6	1475.0	1581.3
30°	1264.1	1342.2	1426.6	1532.8
32.5°	1212.5	1287.5	1376.6	1481.3
35°	1159.4	1235.9	1315.6	1415.6
37.5°	1109.4	1175.0	1254.7	1350.0
40°	1053.1	1125.0	1196.9	1271.9
42.5°	1001.6	1067.2	1134.4	1193.8
45°	943.8	1000.0	1064.1	1112.5
47.5°	890.6	940.6	990.6	1028.1
50°	837.5	876.6	914.1	946.9
52.5°	775.0	818.8	839.1	859.4
55°	718.8	743.8	762.5	782.8
57.5°	664.1	675.0	684.4	703.1
60°	592.2	604.7	615.6	629.7
62.5°	529.7	535.9	539.1	553.1
65°	470.3	468.8	476.6	484.4
67.5°	406.3	404.7	412.5	415.6
70°	343.8	342.2	343.8	351.6
72.5°	284.4	284.4	285.9	289.1
75°	229.7	229.7	231.3	234.4
77.5°	173.4	176.6	175.0	181.3
80°	126.6	123.4	126.6	129.7
82.5°	82.8	85.9	85.9	82.8
85°	46.9	46.9	46.9	46.9
87.5°	20.3	20.3	21.9	23.4
90°	9.6	6.9	4.2	1.5
92.5°	19.9	22.9	26.0	29.0
95°	84.0	85.1	86.1	87.1
97.5°	169.5	167.5	165.4	163.4
100°	258.1	257.1	256.1	255.1
102.5°	352.3	350.9	349.6	348.2
105°	453.1	451.7	450.4	449.0
107.5°	552.9	552.9	552.9	552.9
110°	653.7	653.7	653.7	653.7

TEST NUMBER: P1035149

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CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
112.5°	751.5	750.4	749.4	748.4
115°	848.2	846.5	844.8	843.1
117.5°	942.4	942.4	942.4	942.4
120°	1033.0	1033.3	1033.7	1034.0
122.5°	1120.0	1118.3	1116.6	1114.9
125°	1206.0	1203.7	1201.3	1198.9
127.5°	1285.0	1283.3	1281.6	1279.9
130°	1358.3	1356.6	1354.9	1353.2
132.5°	1432.6	1430.6	1428.5	1426.5
135°	1501.3	1499.3	1497.2	1495.2
137.5°	1565.5	1563.5	1561.4	1559.4
140°	1624.1	1623.4	1622.7	1622.0
142.5°	1679.5	1679.2	1678.8	1678.5
145°	1735.6	1734.9	1734.2	1733.5
147.5°	1782.4	1782.4	1782.4	1782.4
150°	1826.1	1826.8	1827.5	1828.2
152.5°	1867.4	1869.1	1870.8	1872.5
155°	1903.0	1905.1	1907.1	1909.1
157.5°	1935.1	1936.2	1937.2	1938.2
160°	1962.6	1964.6	1966.7	1968.7
162.5°	1987.0	1989.1	1991.1	1993.1
165°	2008.4	2010.5	2012.5	2014.5
167.5°	2025.2	2027.3	2029.3	2031.3
170°	2038.0	2040.3	2042.7	2045.1
172.5°	2047.1	2049.4	2051.8	2054.2
175°	2054.2	2056.3	2058.3	2060.3
177.5°	2058.8	2060.9	2062.9	2064.9
180°	2060.3	2060.3	2060.3	2060.3

(END OF REPORT)