

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: P1029191

Luminaire Tested: S122DIW-B1005D1440UB2750-4F0-XX-W2A-A_3500K

Issue Date: 5/6/2025

Test Information

Test Method: LM-79-2019
Report Number: P1029191
REPORT IS A COMBINATION OF REPORTS P985129 AND P1007351
Test Lab: INNOVATION CENTER
Issue Date: 5/6/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: NEO-RAY
Catalog Number: S122DIW-B1005D1440UB2750-4F0-XX-W2A-A_3500K
Description: Define 2 Direct/Indirect Wall Mount with 3500K BioUP LEDs {m-DER=0.721} {m-EER=0.792}
Light Source: -
Ballast/Driver: -

Summary

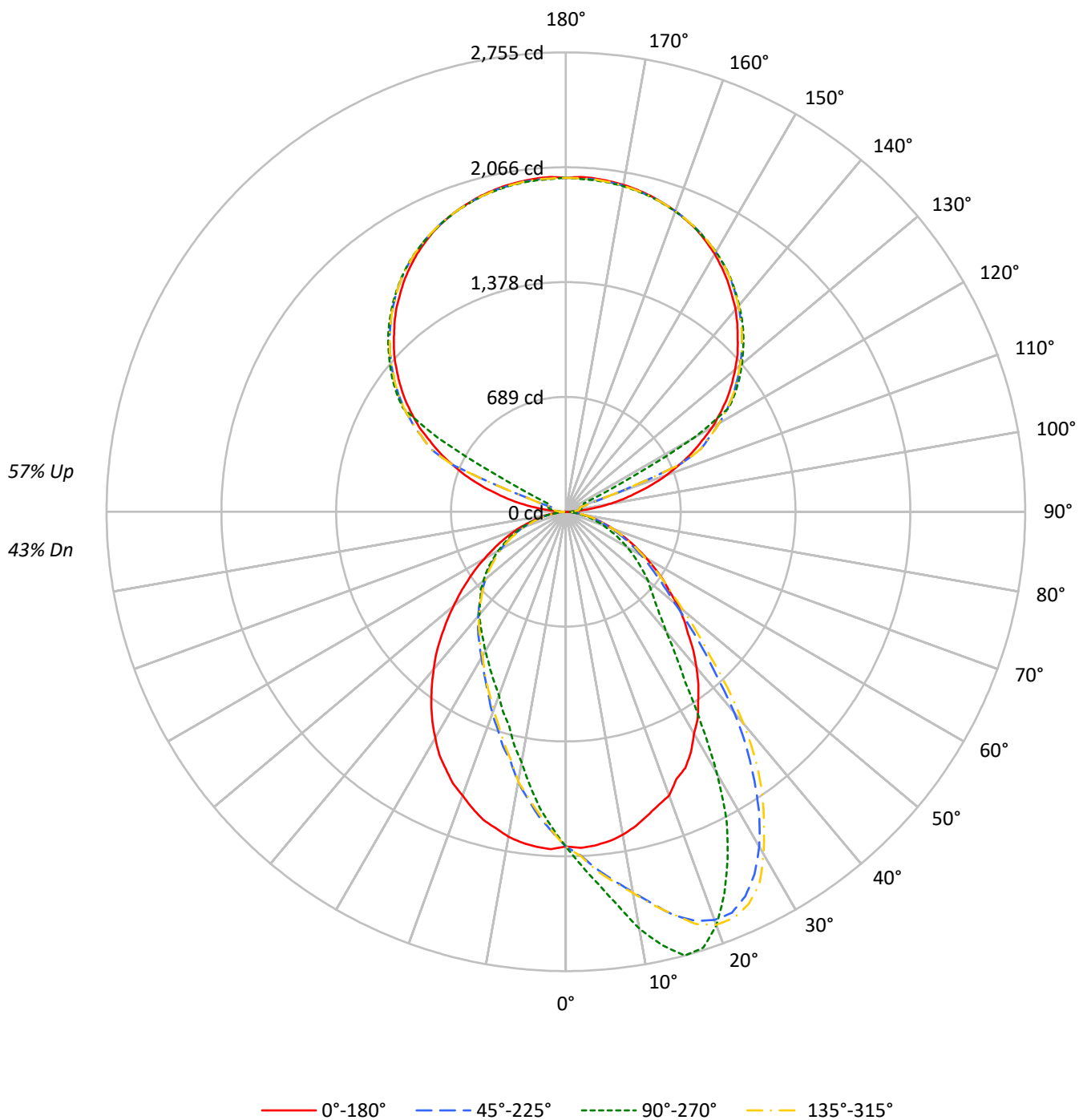
Lumens per Lamp: N/A
Luminaire Lumens: 10303.0 lumens
Efficiency: N/A
Efficacy: 90.8 lumens/watt
Spacing Criteria (0/90/45): 1.16 / 1.09 / 1.23
Luminous Opening: Rectangular w/ Sides (W: 0.17' x L: 4' x H: 0.1')
CIE Type: General Diffuse

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	105	105	105	105	96	96	96	96	79	79	79	64	64	64	50	50	50
1	97	93	89	85	88	85	82	79	70	68	66	57	55	54	45	44	43
2	88	81	75	70	81	75	70	65	62	58	55	50	48	46	40	38	37
3	81	72	65	59	74	66	60	55	55	51	47	45	42	39	36	33	32
4	74	64	56	50	68	59	52	47	49	44	40	40	37	34	32	30	28
5	68	57	49	43	62	53	46	41	44	39	35	36	33	30	29	26	24
6	63	51	43	38	57	47	40	35	40	35	31	33	29	26	27	24	22
7	58	46	39	33	53	43	36	31	36	31	27	30	26	23	24	22	19
8	54	42	35	29	49	39	32	28	33	28	24	28	24	21	22	20	17
9	50	39	31	26	46	36	29	25	30	25	22	25	22	19	21	18	16
10	47	35	28	24	43	33	27	22	28	23	20	24	20	17	19	17	15

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	31769	31769	31769	31769
5°	31845	33874	31967	26949
10°	31476	36978	31673	22219
15°	30711	39004	31139	18715
20°	30233	36622	30233	16267
25°	29270	31461	29403	14546
30°	27685	24732	28213	13176
35°	26279	17101	26719	12055
40°	24665	12912	24947	11162
45°	22674	10611	23046	10198
50°	20953	9313	20991	9335
55°	18991	7935	19113	8399
60°	16899	6629	17133	7330
65°	15027	5391	15300	6259
70°	13161	4230	13494	5049
75°	11048	3070	11479	3662
80°	8622	1947	9237	2174
85°	5664	981	6102	727

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 157.5°

Vertical Angle: 45°

Luminance: 32840 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	191.2	1.9
10°-20°	556.4	5.4
20°-30°	807.5	7.8
30°-40°	851.2	8.3
40°-50°	753.3	7.3
50°-60°	601.5	5.8
60°-70°	408.5	4.0
70°-80°	209.0	2.0
80°-90°	52.9	0.5
90°-100°	66.1	0.6
100°-110°	246.2	2.4
110°-120°	652.9	6.3
120°-130°	1082.9	10.5
130°-140°	1150.3	11.2
140°-150°	1069.1	10.4
150°-160°	859.5	8.3
160°-170°	553.8	5.4
170°-180°	190.6	1.9
0°-30°	1555.0	15.1
0°-40°	2406.3	23.4
0°-60°	3761.0	36.5
0°-90°	4431.5	43.0
90°-120°	965.2	9.4
90°-150°	4267.5	41.4
90°-180°	5871.0	57.0
0°-180°	10303.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	2007	2007	2007	2007	2007	
5°	2008	2242	2016	1783	2008	190
15°	1887	2755	1913	1322	1887	533
25°	1695	2295	1703	1061	1695	775
35°	1384	1250	1407	881	1384	866
45°	1038	753	1055	724	1038	805
55°	713	529	717	560	713	636
65°	423	326	430	378	423	420
75°	198	160	205	191	198	212
85°	40	42	43	31	40	47
90°	1	39	1	39	1	8
95°	94	62	94	62	94	112
105°	441	110	441	110	441	471
115°	833	119	833	119	833	820
125°	1178	1239	1178	1239	1178	1051
135°	1458	1506	1458	1506	1458	1126
145°	1691	1717	1691	1717	1691	1058
155°	1862	1864	1862	1864	1862	858
165°	1962	1958	1962	1958	1962	554
175°	2007	1996	2007	1996	2007	191
180°	2003	2003	2003	2003	2003	

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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	2007.0	2007.0	2007.0	2007.0	2007.0	2007.0	2007.0	2007.0	2007.0	2007.0	2007.0
2.5°	2017.8	2022.4	2030.1	2031.7	2047.1	2059.4	2073.3	2073.3	2077.9	2076.4	2064.1
5°	2008.5	2022.4	2042.5	2059.4	2087.2	2099.5	2118.0	2131.9	2144.3	2153.5	2152.0
7.5°	1993.1	2017.8	2047.1	2079.5	2116.5	2138.1	2164.3	2189.0	2206.0	2221.4	2232.2
10°	1966.9	2008.5	2048.6	2091.8	2139.6	2169.0	2199.8	2232.2	2258.4	2287.7	2315.5
12.5°	1931.4	1991.5	2040.9	2098.0	2156.6	2189.0	2238.4	2263.1	2314.0	2388.0	2408.1
15°	1886.6	1968.4	2014.7	2087.2	2164.3	2190.6	2258.4	2298.5	2403.4	2449.7	2505.2
17.5°	1845.0	1936.0	1997.7	2081.0	2156.6	2207.5	2273.9	2355.6	2443.5	2509.9	2571.6
20°	1811.1	1899.0	1973.0	2065.6	2161.2	2226.0	2295.4	2394.2	2489.8	2557.7	2605.5
22.5°	1733.9	1846.5	1932.9	2036.3	2152.0	2241.5	2307.8	2415.8	2519.1	2560.8	2602.4
25°	1695.4	1792.5	1892.8	2010.1	2145.8	2252.3	2309.3	2429.7	2520.7	2536.1	2545.4
27.5°	1624.4	1733.9	1851.2	1985.4	2144.3	2233.7	2306.2	2415.8	2488.3	2477.5	2449.7
30°	1536.5	1670.7	1800.3	1945.3	2122.7	2219.9	2287.7	2388.0	2425.0	2369.5	2320.1
32.5°	1471.7	1598.2	1741.6	1909.8	2098.0	2190.6	2256.9	2335.6	2343.3	2243.0	2159.7
35°	1383.7	1524.1	1686.1	1863.5	2056.3	2139.6	2201.3	2249.2	2212.1	2071.8	1973.0
37.5°	1305.1	1443.9	1616.7	1797.2	1999.3	2081.0	2130.4	2138.1	2047.1	1923.7	1778.7
40°	1218.7	1362.2	1542.6	1732.4	1936.0	2007.0	2037.8	2014.7	1883.6	1740.1	1572.0
42.5°	1132.3	1274.2	1468.6	1663.0	1855.8	1916.0	1928.3	1865.1	1704.6	1536.5	1342.1
45°	1038.2	1186.3	1380.7	1576.6	1763.2	1797.2	1798.7	1707.7	1518.0	1342.1	1161.6
47.5°	961.1	1098.4	1291.2	1487.1	1644.5	1667.6	1658.3	1553.4	1346.7	1149.3	991.9
50°	876.2	1007.3	1198.6	1391.5	1525.7	1531.8	1508.7	1359.1	1157.0	976.5	851.5
52.5°	785.2	917.9	1093.7	1278.8	1399.2	1389.9	1345.2	1184.7	995.0	845.4	749.7
55°	712.7	829.9	995.0	1175.5	1260.3	1234.1	1184.7	1021.2	871.6	745.1	661.8
57.5°	632.5	735.8	897.8	1055.2	1104.5	1079.8	1030.5	877.8	738.9	643.3	587.7
60°	556.9	651.0	792.9	924.0	962.6	936.4	879.3	742.0	641.7	561.5	519.9
62.5°	487.5	569.2	688.0	808.3	823.8	797.5	748.2	637.1	550.7	487.5	456.6
65°	422.7	499.8	595.5	686.5	700.4	672.6	621.7	541.5	469.0	428.9	399.5
67.5°	359.4	421.1	506.0	572.3	580.0	553.8	512.2	447.4	402.6	359.4	337.8
70°	303.9	350.2	416.5	470.5	473.6	448.9	427.3	368.7	334.8	303.9	286.9
72.5°	249.9	282.3	333.2	373.3	374.9	359.4	339.4	302.4	273.0	251.5	234.5
75°	197.5	225.2	256.1	291.6	290.0	277.7	262.2	239.1	214.4	200.5	192.8
77.5°	151.2	168.1	192.8	216.0	216.0	209.8	200.5	183.6	168.1	154.3	146.6
80°	108.0	118.8	138.8	146.6	149.6	148.1	140.4	128.0	121.9	111.1	108.0
82.5°	69.4	77.1	86.4	94.1	98.7	95.6	94.1	87.9	78.7	75.6	72.5
85°	40.1	43.2	47.8	52.4	54.0	52.4	55.5	50.9	46.3	46.3	44.7
87.5°	17.0	18.5	21.6	21.6	23.1	23.1	21.6	23.1	23.1	21.6	20.1
90°	1.4	5.0	8.5	12.1	15.6	17.4	18.7	21.3	23.8	26.4	29.0
92.5°	36.2	34.9	33.6	32.3	31.0	30.4	30.9	31.9	32.8	33.8	34.8
95°	94.2	83.6	73.0	62.3	51.7	46.4	47.5	49.8	52.0	54.3	56.5
97.5°	169.6	143.2	116.8	90.3	63.9	50.7	53.3	58.4	63.6	68.7	73.9
100°	256.5	212.4	168.3	124.2	80.1	58.0	60.7	66.2	71.7	77.1	82.6
102.5°	352.2	351.6	350.9	350.3	349.6	349.3	320.0	261.4	202.7	144.1	85.5
105°	440.6	450.2	459.9	469.5	479.2	484.0	440.0	352.1	264.2	176.3	88.4
107.5°	543.4	551.5	559.5	567.6	575.7	579.7	525.4	416.9	308.4	199.8	91.3
110°	642.0	648.8	655.5	662.3	669.0	672.4	625.9	532.8	439.7	346.7	253.6

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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	734.7	740.5	746.3	752.1	757.9	760.8	758.1	752.6	747.1	741.7	736.2
115°	833.3	838.8	844.2	849.7	855.2	857.9	861.9	870.0	878.1	886.1	894.2
117.5°	918.8	925.2	931.7	938.1	944.6	947.8	950.5	956.0	961.5	966.9	972.4
120°	1014.4	1019.2	1024.1	1028.9	1033.8	1036.2	1039.1	1044.9	1050.7	1056.5	1062.3
122.5°	1095.6	1100.8	1105.9	1111.1	1116.2	1118.8	1122.0	1128.5	1134.9	1141.4	1147.8
125°	1178.2	1182.4	1186.6	1190.7	1194.9	1197.0	1200.1	1206.2	1212.3	1218.5	1224.6
127.5°	1253.6	1258.1	1262.6	1267.1	1271.6	1273.8	1276.2	1281.1	1285.9	1290.8	1295.6
130°	1324.6	1329.8	1334.9	1340.1	1345.2	1347.8	1349.6	1353.1	1356.6	1360.2	1363.7
132.5°	1397.0	1401.2	1405.4	1409.6	1413.8	1415.9	1417.7	1421.2	1424.7	1428.3	1431.8
135°	1457.9	1463.1	1468.2	1473.4	1478.5	1481.1	1482.5	1485.4	1488.3	1491.2	1494.1
137.5°	1521.7	1525.5	1529.4	1533.2	1537.1	1539.0	1540.6	1543.8	1547.1	1550.3	1553.5
140°	1584.0	1586.6	1589.2	1591.7	1594.3	1595.6	1597.4	1600.9	1604.4	1608.0	1611.5
142.5°	1636.1	1638.4	1640.6	1642.9	1645.2	1646.3	1648.4	1652.6	1656.7	1660.9	1665.1
145°	1691.2	1690.9	1690.6	1690.3	1690.0	1689.8	1692.5	1698.0	1703.5	1708.9	1714.4
147.5°	1739.0	1738.0	1737.1	1736.1	1735.2	1734.7	1737.4	1742.9	1748.4	1753.8	1759.3
150°	1785.4	1783.2	1780.9	1778.7	1776.4	1775.3	1777.9	1783.0	1788.2	1793.3	1798.5
152.5°	1824.5	1821.9	1819.3	1816.8	1814.2	1812.9	1815.3	1820.2	1825.0	1829.9	1834.7
155°	1862.2	1859.3	1856.4	1853.5	1850.6	1849.2	1851.1	1855.0	1858.9	1862.7	1866.6
157.5°	1892.7	1890.1	1887.5	1885.0	1882.4	1881.1	1882.5	1885.4	1888.3	1891.2	1894.1
160°	1918.7	1916.8	1914.8	1912.9	1911.0	1910.0	1911.0	1912.9	1914.8	1916.8	1918.7
162.5°	1941.9	1940.0	1938.0	1936.1	1934.2	1933.2	1934.0	1935.6	1937.3	1938.9	1940.5
165°	1962.2	1960.3	1958.3	1956.4	1954.5	1953.5	1954.0	1955.0	1955.9	1956.9	1957.9
167.5°	1978.2	1976.3	1974.3	1972.4	1970.5	1969.5	1970.0	1970.9	1971.9	1972.8	1973.8
170°	1991.2	1989.3	1987.3	1985.4	1983.5	1982.5	1982.8	1983.5	1984.1	1984.8	1985.4
172.5°	1999.9	1998.0	1996.0	1994.1	1992.2	1991.2	1991.5	1992.2	1992.8	1993.5	1994.1
175°	2007.1	2004.9	2002.6	2000.4	1998.1	1997.0	1997.3	1998.0	1998.6	1999.3	1999.9
177.5°	2010.0	2007.8	2005.5	2003.3	2001.0	1999.9	2000.1	2000.4	2000.7	2001.0	2001.3
180°	2002.8	2002.8	2002.8	2002.8	2002.8	2002.8	2002.8	2002.8	2002.8	2002.8	2002.8

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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	2007.0	2007.0	2007.0	2007.0	2007.0	2007.0	2007.0	2007.0	2007.0	2007.0	2007.0
2.5°	2085.7	2087.2	2090.3	2105.7	2113.4	2115.0	2108.8	2122.7	2127.3	2122.7	2119.6
5°	2184.4	2193.6	2212.1	2232.2	2230.7	2232.2	2241.5	2250.7	2253.8	2241.5	2246.1
7.5°	2270.8	2289.3	2309.3	2340.2	2340.2	2355.6	2361.8	2369.5	2388.0	2378.8	2375.7
10°	2369.5	2394.2	2431.2	2480.6	2482.1	2497.5	2513.0	2537.6	2545.4	2539.2	2542.3
12.5°	2492.9	2540.7	2543.8	2597.8	2622.5	2625.6	2650.3	2645.6	2661.1	2661.1	2687.3
15°	2546.9	2620.9	2662.6	2715.0	2730.5	2712.0	2732.0	2753.6	2755.2	2755.2	2753.6
17.5°	2644.1	2673.4	2715.0	2742.8	2749.0	2749.0	2750.5	2759.8	2753.6	2741.3	2750.5
20°	2664.1	2676.5	2691.9	2688.8	2691.9	2676.5	2661.1	2645.6	2647.2	2639.5	2662.6
22.5°	2627.1	2624.0	2588.6	2565.4	2565.4	2534.6	2505.2	2491.4	2477.5	2482.1	2489.8
25°	2534.6	2486.7	2443.5	2409.6	2401.9	2352.5	2312.4	2300.1	2276.9	2295.4	2298.5
27.5°	2386.5	2332.5	2263.1	2233.7	2193.6	2173.6	2145.8	2108.8	2061.0	2088.7	2084.1
30°	2227.6	2147.4	2090.3	2019.3	1956.1	1951.4	1899.0	1837.3	1812.6	1812.6	1826.5
32.5°	2050.2	1943.7	1860.4	1760.2	1698.4	1672.2	1609.0	1547.3	1561.2	1514.9	1531.8
35°	1843.5	1703.1	1598.2	1501.0	1454.7	1423.9	1342.1	1308.2	1271.1	1249.5	1289.6
37.5°	1646.0	1484.0	1349.8	1243.4	1226.4	1170.9	1115.3	1093.7	1072.1	1081.4	1079.8
40°	1405.3	1261.9	1141.6	1058.3	1028.9	1002.7	965.7	939.5	925.6	933.3	934.8
42.5°	1187.8	1067.5	978.0	919.4	894.7	876.2	857.7	836.1	831.5	831.5	837.7
45°	1019.7	921.0	860.8	813.0	799.1	785.2	771.3	762.1	759.0	752.8	757.4
47.5°	885.5	806.8	769.8	734.3	718.9	715.8	703.4	698.8	692.6	691.1	692.6
50°	772.9	723.5	689.6	669.5	658.7	654.1	647.9	638.7	635.6	643.3	640.2
52.5°	694.2	647.9	629.4	609.3	603.2	597.0	587.7	589.3	587.7	584.7	584.7
55°	615.5	586.2	567.7	552.3	550.7	544.6	536.8	533.8	532.2	529.1	533.8
57.5°	552.3	529.1	512.2	498.3	492.1	492.1	484.4	478.2	478.2	476.7	478.2
60°	489.0	465.9	455.1	441.2	436.6	435.0	430.4	427.3	422.7	422.7	422.7
62.5°	430.4	411.9	399.5	387.2	388.7	381.0	374.9	371.8	371.8	373.3	373.3
65°	374.9	362.5	347.1	336.3	333.2	331.7	328.6	327.0	322.4	325.5	325.5
67.5°	324.0	307.0	297.7	293.1	288.5	286.9	283.8	280.8	279.2	277.7	280.8
70°	273.0	259.2	251.5	248.4	243.7	242.2	240.7	236.0	237.6	239.1	240.7
72.5°	226.8	214.4	212.9	203.6	203.6	203.6	197.5	200.5	199.0	195.9	199.0
75°	178.9	172.8	169.7	165.1	166.6	165.1	163.5	158.9	158.9	160.4	162.0
77.5°	141.9	135.8	134.2	129.6	126.5	129.6	126.5	125.0	125.0	126.5	126.5
80°	104.9	101.8	97.2	97.2	97.2	95.6	95.6	95.6	94.1	92.6	94.1
82.5°	69.4	69.4	67.9	66.3	67.9	64.8	66.3	66.3	66.3	66.3	66.3
85°	44.7	43.2	43.2	41.7	41.7	41.7	43.2	40.1	40.1	41.7	41.7
87.5°	20.1	20.1	20.1	21.6	20.1	20.1	20.1	21.6	20.1	20.1	20.1
90°	30.6	32.2	33.8	35.4	36.2	36.5	37.2	37.8	38.5	39.1	38.5
92.5°	35.4	36.1	36.7	37.4	37.7	37.9	38.2	38.5	38.8	39.1	38.8
95°	58.1	59.7	61.4	63.0	63.8	63.6	63.3	63.0	62.6	62.3	62.6
97.5°	74.9	75.9	76.8	77.8	78.3	78.5	78.8	79.1	79.4	79.7	79.4
100°	85.2	87.8	90.3	92.9	94.2	94.5	95.2	95.8	96.5	97.1	96.5
102.5°	89.0	92.6	96.1	99.6	101.4	101.9	102.9	103.8	104.8	105.8	104.8
105°	91.9	95.5	99.0	102.5	104.3	104.9	106.2	107.5	108.8	110.1	108.8
107.5°	94.8	98.4	101.9	105.4	107.2	107.8	109.1	110.4	111.7	113.0	111.7
110°	221.4	189.2	157.0	124.8	108.7	109.3	110.6	111.9	113.2	114.5	113.2

TEST NUMBER: P1029191

CATALOG NUMBER: S122DIW-B1005D1440UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	597.4	458.6	319.8	181.0	111.6	112.1	113.0	114.0	114.9	115.9	114.9
115°	745.1	596.0	446.9	297.8	223.2	211.6	188.4	165.2	142.0	118.8	142.0
117.5°	926.4	880.3	834.3	788.2	765.2	723.0	638.6	554.3	469.9	385.5	469.9
120°	1066.2	1070.0	1073.9	1077.8	1079.7	1058.0	1014.5	971.0	927.5	884.0	927.5
122.5°	1149.7	1151.7	1153.6	1155.5	1156.5	1156.7	1157.0	1157.3	1157.6	1157.9	1157.6
125°	1226.8	1229.1	1231.3	1233.6	1234.7	1235.2	1236.2	1237.1	1238.1	1239.1	1238.1
127.5°	1298.8	1302.0	1305.3	1308.5	1310.1	1310.3	1310.6	1310.9	1311.2	1311.5	1311.2
130°	1367.2	1370.8	1374.3	1377.8	1379.6	1379.4	1379.1	1378.8	1378.5	1378.2	1378.5
132.5°	1434.7	1437.6	1440.5	1443.4	1444.8	1444.6	1444.3	1444.0	1443.7	1443.4	1443.7
135°	1497.3	1500.5	1503.8	1507.0	1508.6	1508.3	1507.6	1507.0	1506.3	1505.7	1506.3
137.5°	1556.7	1559.9	1563.2	1566.4	1568.0	1567.5	1566.6	1565.6	1564.7	1563.7	1564.7
140°	1614.4	1617.3	1620.2	1623.1	1624.5	1623.7	1622.1	1620.5	1618.9	1617.3	1618.9
142.5°	1667.7	1670.3	1672.8	1675.4	1676.7	1675.9	1674.3	1672.7	1671.1	1669.5	1671.1
145°	1716.6	1718.9	1721.1	1723.4	1724.5	1723.7	1722.1	1720.5	1718.9	1717.3	1718.9
147.5°	1760.9	1762.5	1764.2	1765.8	1766.6	1766.0	1764.7	1763.4	1762.1	1760.8	1762.1
150°	1800.4	1802.3	1804.2	1806.1	1807.1	1806.3	1804.7	1803.1	1801.5	1799.9	1801.5
152.5°	1836.6	1838.6	1840.5	1842.4	1843.4	1842.3	1840.0	1837.7	1835.5	1833.2	1835.5
155°	1868.5	1870.5	1872.4	1874.3	1875.3	1874.0	1871.4	1868.9	1866.3	1863.7	1866.3
157.5°	1896.3	1898.6	1900.8	1903.1	1904.2	1902.9	1900.4	1897.8	1895.3	1892.7	1895.3
160°	1920.6	1922.6	1924.5	1926.4	1927.4	1926.3	1924.0	1921.8	1919.5	1917.3	1919.5
162.5°	1942.7	1945.0	1947.2	1949.5	1950.6	1949.2	1946.3	1943.4	1940.5	1937.6	1940.5
165°	1960.1	1962.4	1964.6	1966.9	1968.0	1966.9	1964.6	1962.4	1960.1	1957.9	1960.1
167.5°	1976.0	1978.3	1980.5	1982.8	1983.9	1982.5	1979.6	1976.7	1973.8	1970.9	1973.8
170°	1987.6	1989.9	1992.1	1994.4	1995.5	1994.1	1991.2	1988.3	1985.4	1982.5	1985.4
172.5°	1996.3	1998.6	2000.8	2003.1	2004.2	2002.8	1999.9	1997.0	1994.1	1991.2	1994.1
175°	2002.1	2004.4	2006.6	2008.9	2010.0	2008.4	2005.2	2001.9	1998.7	1995.5	1998.7
177.5°	2003.6	2005.8	2008.1	2010.4	2011.5	2010.0	2007.1	2004.2	2001.3	1998.4	2001.3
180°	2002.8	2002.8	2002.8	2002.8	2002.8	2002.8	2002.8	2002.8	2002.8	2002.8	2002.8

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CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	2007.0	2007.0	2007.0	2007.0	2007.0	2007.0	2007.0	2007.0	2007.0	2007.0	2007.0
2.5°	2127.3	2116.5	2107.2	2108.8	2116.5	2110.3	2094.9	2074.9	2067.1	2057.9	2067.1
5°	2255.3	2246.1	2227.6	2229.1	2224.5	2218.3	2193.6	2162.8	2162.8	2138.1	2135.0
7.5°	2381.8	2368.0	2355.6	2352.5	2335.6	2323.2	2301.6	2258.4	2241.5	2212.1	2195.2
10°	2523.8	2513.0	2499.1	2482.1	2472.9	2451.3	2415.8	2352.5	2321.7	2281.6	2252.3
12.5°	2667.2	2665.7	2634.8	2600.9	2599.3	2565.4	2540.7	2455.9	2414.2	2360.2	2290.8
15°	2758.2	2750.5	2733.6	2716.6	2721.2	2684.2	2628.7	2528.4	2500.6	2435.8	2361.8
17.5°	2756.7	2756.7	2752.1	2749.0	2744.4	2733.6	2702.7	2636.4	2591.6	2509.9	2440.5
20°	2668.8	2688.8	2693.5	2691.9	2707.3	2715.0	2713.5	2671.9	2636.4	2563.9	2492.9
22.5°	2492.9	2539.2	2559.2	2571.6	2604.0	2620.9	2661.1	2645.6	2636.4	2582.4	2522.2
25°	2329.4	2344.8	2405.0	2408.1	2452.8	2494.5	2534.6	2560.8	2594.7	2574.7	2523.8
27.5°	2118.0	2153.5	2196.7	2229.1	2238.4	2323.2	2389.6	2438.9	2516.0	2522.2	2505.2
30°	1878.9	1895.9	1966.9	2010.1	2059.4	2121.1	2216.8	2301.6	2371.0	2434.3	2455.9
32.5°	1587.4	1656.8	1698.4	1750.9	1794.1	1903.6	2020.9	2130.4	2210.6	2317.0	2363.3
35°	1320.5	1374.5	1445.5	1467.1	1545.7	1638.3	1791.0	1931.4	2053.3	2161.2	2255.3
37.5°	1099.9	1143.1	1218.7	1252.6	1298.9	1417.7	1545.7	1720.0	1866.6	1999.3	2116.5
40°	948.7	981.1	1038.2	1049.0	1087.6	1195.5	1298.9	1462.4	1656.8	1835.7	1963.8
42.5°	845.4	860.8	899.4	913.2	937.9	1010.4	1103.0	1257.3	1437.7	1622.9	1803.3
45°	771.3	782.1	805.3	817.6	848.5	880.8	956.4	1079.8	1221.8	1408.4	1602.8
47.5°	705.0	718.9	728.1	735.8	752.8	788.3	837.7	928.7	1064.4	1235.7	1423.9
50°	649.5	654.1	671.0	672.6	683.4	706.5	752.8	808.3	916.3	1055.2	1237.2
52.5°	593.9	598.5	609.3	620.1	624.8	643.3	674.1	720.4	800.6	910.2	1072.1
55°	538.4	544.6	555.4	563.1	567.7	583.1	601.6	646.4	709.6	786.7	919.4
57.5°	482.8	496.7	499.8	504.4	512.2	529.1	546.1	572.3	621.7	692.6	789.8
60°	430.4	435.0	445.8	450.5	458.2	467.4	489.0	509.1	544.6	600.1	688.0
62.5°	376.4	387.2	391.8	396.5	402.6	413.4	427.3	448.9	479.8	524.5	593.9
65°	330.1	331.7	340.9	347.1	353.3	361.0	374.9	394.9	413.4	455.1	506.0
67.5°	285.4	288.5	291.6	297.7	305.4	313.2	325.5	336.3	359.4	387.2	427.3
70°	242.2	242.2	249.9	254.5	253.0	262.2	271.5	283.8	300.8	327.0	359.4
72.5°	203.6	202.1	208.3	209.8	212.9	219.1	225.2	237.6	246.8	266.9	291.6
75°	162.0	165.1	168.1	168.1	172.8	177.4	183.6	189.7	200.5	212.9	231.4
77.5°	128.0	128.0	131.1	132.7	137.3	135.8	141.9	148.1	155.8	166.6	180.5
80°	94.1	97.2	97.2	97.2	98.7	100.3	106.4	111.1	115.7	123.4	129.6
82.5°	66.3	66.3	69.4	69.4	69.4	72.5	72.5	74.0	77.1	81.8	86.4
85°	41.7	41.7	41.7	43.2	41.7	43.2	46.3	44.7	46.3	49.4	49.4
87.5°	20.1	20.1	20.1	20.1	20.1	21.6	20.1	21.6	23.1	23.1	23.1
90°	37.8	37.2	36.5	36.2	35.4	33.8	32.2	30.6	29.0	26.4	23.8
92.5°	38.5	38.2	37.9	37.7	37.4	36.7	36.1	35.4	34.8	33.8	32.8
95°	63.0	63.3	63.6	63.8	63.0	61.4	59.7	58.1	56.5	54.3	52.0
97.5°	79.1	78.8	78.5	78.3	77.8	76.8	75.9	74.9	73.9	68.7	63.6
100°	95.8	95.2	94.5	94.2	92.9	90.3	87.8	85.2	82.6	77.1	71.7
102.5°	103.8	102.9	101.9	101.4	99.6	96.1	92.6	89.0	85.5	144.1	202.7
105°	107.5	106.2	104.9	104.3	102.5	99.0	95.5	91.9	88.4	176.3	264.2
107.5°	110.4	109.1	107.8	107.2	105.4	101.9	98.4	94.8	91.3	199.8	308.4
110°	111.9	110.6	109.3	108.7	124.8	157.0	189.2	221.4	253.6	346.7	439.7

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CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	114.0	113.0	112.1	111.6	181.0	319.8	458.6	597.4	736.2	741.7	747.1
115°	165.2	188.4	211.6	223.2	297.8	446.9	596.0	745.1	894.2	886.1	878.1
117.5°	554.3	638.6	723.0	765.2	788.2	834.3	880.3	926.4	972.4	966.9	961.5
120°	971.0	1014.5	1058.0	1079.7	1077.8	1073.9	1070.0	1066.2	1062.3	1056.5	1050.7
122.5°	1157.3	1157.0	1156.7	1156.5	1155.5	1153.6	1151.7	1149.7	1147.8	1141.4	1134.9
125°	1237.1	1236.2	1235.2	1234.7	1233.6	1231.3	1229.1	1226.8	1224.6	1218.5	1212.3
127.5°	1310.9	1310.6	1310.3	1310.1	1308.5	1305.3	1302.0	1298.8	1295.6	1290.8	1285.9
130°	1378.8	1379.1	1379.4	1379.6	1377.8	1374.3	1370.8	1367.2	1363.7	1360.2	1356.6
132.5°	1444.0	1444.3	1444.6	1444.8	1443.4	1440.5	1437.6	1434.7	1431.8	1428.3	1424.7
135°	1507.0	1507.6	1508.3	1508.6	1507.0	1503.8	1500.5	1497.3	1494.1	1491.2	1488.3
137.5°	1565.6	1566.6	1567.5	1568.0	1566.4	1563.2	1559.9	1556.7	1553.5	1550.3	1547.1
140°	1620.5	1622.1	1623.7	1624.5	1623.1	1620.2	1617.3	1614.4	1611.5	1608.0	1604.4
142.5°	1672.7	1674.3	1675.9	1676.7	1675.4	1672.8	1670.3	1667.7	1665.1	1660.9	1656.7
145°	1720.5	1722.1	1723.7	1724.5	1723.4	1721.1	1718.9	1716.6	1714.4	1708.9	1703.5
147.5°	1763.4	1764.7	1766.0	1766.6	1765.8	1764.2	1762.5	1760.9	1759.3	1753.8	1748.4
150°	1803.1	1804.7	1806.3	1807.1	1806.1	1804.2	1802.3	1800.4	1798.5	1793.3	1788.2
152.5°	1837.7	1840.0	1842.3	1843.4	1842.4	1840.5	1838.6	1836.6	1834.7	1829.9	1825.0
155°	1868.9	1871.4	1874.0	1875.3	1874.3	1872.4	1870.5	1868.5	1866.6	1862.7	1858.9
157.5°	1897.8	1900.4	1902.9	1904.2	1903.1	1900.8	1898.6	1896.3	1894.1	1891.2	1888.3
160°	1921.8	1924.0	1926.3	1927.4	1926.4	1924.5	1922.6	1920.6	1918.7	1916.8	1914.8
162.5°	1943.4	1946.3	1949.2	1950.6	1949.5	1947.2	1945.0	1942.7	1940.5	1938.9	1937.3
165°	1962.4	1964.6	1966.9	1968.0	1966.9	1964.6	1962.4	1960.1	1957.9	1956.9	1955.9
167.5°	1976.7	1979.6	1982.5	1983.9	1982.8	1980.5	1978.3	1976.0	1973.8	1972.8	1971.9
170°	1988.3	1991.2	1994.1	1995.5	1994.4	1992.1	1989.9	1987.6	1985.4	1984.8	1984.1
172.5°	1997.0	1999.9	2002.8	2004.2	2003.1	2000.8	1998.6	1996.3	1994.1	1993.5	1992.8
175°	2001.9	2005.2	2008.4	2010.0	2008.9	2006.6	2004.4	2002.1	1999.9	1999.3	1998.6
177.5°	2004.2	2007.1	2010.0	2011.5	2010.4	2008.1	2005.8	2003.6	2001.3	2001.0	2000.7
180°	2002.8	2002.8	2002.8	2002.8	2002.8	2002.8	2002.8	2002.8	2002.8	2002.8	2002.8

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CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
0°	2007.0	2007.0	2007.0	2007.0	2007.0	2007.0	2007.0	2007.0	2007.0	2007.0	2007.0
2.5°	2059.4	2051.7	2047.1	2050.2	2040.9	2017.8	2017.8	2025.5	2016.2	2007.0	1993.1
5°	2116.5	2101.1	2091.8	2090.3	2068.7	2031.7	2023.9	2016.2	1996.2	1974.6	1951.4
7.5°	2172.0	2144.3	2128.8	2118.0	2087.2	2039.4	2019.3	2002.3	1970.0	1937.6	1908.2
10°	2218.3	2178.2	2159.7	2142.7	2102.6	2042.5	2010.1	1979.2	1937.6	1895.9	1858.9
12.5°	2255.3	2209.1	2185.9	2161.2	2111.9	2033.2	1993.1	1943.7	1902.1	1846.5	1809.5
15°	2317.0	2221.4	2199.8	2176.7	2125.8	2017.8	1968.4	1912.9	1855.8	1781.8	1741.6
17.5°	2366.4	2238.4	2236.8	2187.5	2121.1	2011.6	1936.0	1863.5	1801.8	1727.8	1664.5
20°	2395.7	2264.6	2239.9	2189.0	2105.7	1970.0	1891.3	1811.1	1744.7	1655.3	1592.0
22.5°	2420.4	2301.6	2236.8	2175.1	2073.3	1956.1	1840.4	1764.8	1673.8	1576.6	1516.4
25°	2429.7	2309.3	2241.5	2170.5	2050.2	1916.0	1784.8	1703.1	1601.3	1513.3	1431.6
27.5°	2431.2	2307.8	2224.5	2150.4	2017.8	1863.5	1729.3	1642.9	1530.3	1428.5	1346.7
30°	2415.8	2290.8	2215.2	2135.0	1986.9	1815.7	1661.4	1565.8	1445.5	1343.6	1258.8
32.5°	2369.5	2256.9	2195.2	2107.2	1946.8	1749.4	1596.6	1490.2	1363.7	1263.4	1181.7
35°	2292.4	2215.2	2147.4	2065.6	1894.4	1687.6	1531.8	1406.9	1278.8	1183.2	1106.1
37.5°	2196.7	2155.1	2091.8	2011.6	1834.2	1632.1	1459.3	1320.5	1192.5	1099.9	1024.3
40°	2067.1	2077.9	2016.2	1943.7	1763.2	1556.5	1365.2	1232.6	1112.2	1025.9	951.8
42.5°	1926.8	1971.5	1936.0	1866.6	1684.6	1473.2	1295.8	1149.3	1032.0	942.6	880.8
45°	1775.6	1852.7	1831.1	1780.2	1602.8	1385.3	1197.1	1055.2	951.8	865.4	811.4
47.5°	1610.5	1720.0	1720.0	1683.0	1511.8	1297.4	1112.2	967.2	865.4	803.7	751.3
50°	1442.4	1565.8	1585.8	1561.2	1410.0	1197.1	1008.9	877.8	789.8	729.7	691.1
52.5°	1266.5	1410.0	1447.0	1434.7	1302.0	1101.4	924.0	796.0	715.8	663.3	629.4
55°	1098.4	1265.0	1305.1	1309.7	1186.3	996.5	829.9	717.3	640.2	604.7	575.4
57.5°	939.5	1099.9	1144.6	1152.4	1069.1	900.9	742.0	643.3	573.9	544.6	521.4
60°	803.7	937.9	996.5	1013.5	941.0	789.8	660.3	564.6	512.2	484.4	462.8
62.5°	692.6	800.6	862.3	867.0	834.6	692.6	575.4	495.2	450.5	425.8	415.0
65°	584.7	681.8	718.9	737.4	711.2	600.1	496.7	430.4	394.9	373.3	362.5
67.5°	498.3	560.0	590.8	615.5	589.3	506.0	422.7	368.7	342.5	320.9	314.7
70°	408.8	459.7	482.8	507.5	484.4	421.1	361.0	311.6	288.5	271.5	263.8
72.5°	327.0	367.1	388.7	404.2	390.3	337.8	288.5	254.5	237.6	225.2	220.6
75°	259.2	286.9	299.3	310.1	303.9	263.8	232.9	205.2	189.7	178.9	175.9
77.5°	197.5	217.5	231.4	234.5	226.8	200.5	174.3	157.3	145.0	138.8	135.8
80°	140.4	152.7	160.4	165.1	157.3	146.6	128.0	115.7	104.9	97.2	95.6
82.5°	94.1	100.3	106.4	104.9	101.8	92.6	81.8	75.6	71.0	64.8	64.8
85°	54.0	55.5	58.6	60.2	58.6	52.4	46.3	43.2	40.1	35.5	35.5
87.5°	23.1	24.7	24.7	26.2	23.1	23.1	20.1	17.0	17.0	15.4	13.9
90°	21.3	18.7	17.4	15.6	12.1	8.5	5.0	1.4	5.0	8.5	12.1
92.5°	31.9	30.9	30.4	31.0	32.3	33.6	34.9	36.2	34.9	33.6	32.3
95°	49.8	47.5	46.4	51.7	62.3	73.0	83.6	94.2	83.6	73.0	62.3
97.5°	58.4	53.3	50.7	63.9	90.3	116.8	143.2	169.6	143.2	116.8	90.3
100°	66.2	60.7	58.0	80.1	124.2	168.3	212.4	256.5	212.4	168.3	124.2
102.5°	261.4	320.0	349.3	349.6	350.3	350.9	351.6	352.2	351.6	350.9	350.3
105°	352.1	440.0	484.0	479.2	469.5	459.9	450.2	440.6	450.2	459.9	469.5
107.5°	416.9	525.4	579.7	575.7	567.6	559.5	551.5	543.4	551.5	559.5	567.6
110°	532.8	625.9	672.4	669.0	662.3	655.5	648.8	642.0	648.8	655.5	662.3

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CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
112.5°	752.6	758.1	760.8	757.9	752.1	746.3	740.5	734.7	740.5	746.3	752.1
115°	870.0	861.9	857.9	855.2	849.7	844.2	838.8	833.3	838.8	844.2	849.7
117.5°	956.0	950.5	947.8	944.6	938.1	931.7	925.2	918.8	925.2	931.7	938.1
120°	1044.9	1039.1	1036.2	1033.8	1028.9	1024.1	1019.2	1014.4	1019.2	1024.1	1028.9
122.5°	1128.5	1122.0	1118.8	1116.2	1111.1	1105.9	1100.8	1095.6	1100.8	1105.9	1111.1
125°	1206.2	1200.1	1197.0	1194.9	1190.7	1186.6	1182.4	1178.2	1182.4	1186.6	1190.7
127.5°	1281.1	1276.2	1273.8	1271.6	1267.1	1262.6	1258.1	1253.6	1258.1	1262.6	1267.1
130°	1353.1	1349.6	1347.8	1345.2	1340.1	1334.9	1329.8	1324.6	1329.8	1334.9	1340.1
132.5°	1421.2	1417.7	1415.9	1413.8	1409.6	1405.4	1401.2	1397.0	1401.2	1405.4	1409.6
135°	1485.4	1482.5	1481.1	1478.5	1473.4	1468.2	1463.1	1457.9	1463.1	1468.2	1473.4
137.5°	1543.8	1540.6	1539.0	1537.1	1533.2	1529.4	1525.5	1521.7	1525.5	1529.4	1533.2
140°	1600.9	1597.4	1595.6	1594.3	1591.7	1589.2	1586.6	1584.0	1586.6	1589.2	1591.7
142.5°	1652.6	1648.4	1646.3	1645.2	1642.9	1640.6	1638.4	1636.1	1638.4	1640.6	1642.9
145°	1698.0	1692.5	1689.8	1690.0	1690.3	1690.6	1690.9	1691.2	1690.9	1690.6	1690.3
147.5°	1742.9	1737.4	1734.7	1735.2	1736.1	1737.1	1738.0	1739.0	1738.0	1737.1	1736.1
150°	1783.0	1777.9	1775.3	1776.4	1778.7	1780.9	1783.2	1785.4	1783.2	1780.9	1778.7
152.5°	1820.2	1815.3	1812.9	1814.2	1816.8	1819.3	1821.9	1824.5	1821.9	1819.3	1816.8
155°	1855.0	1851.1	1849.2	1850.6	1853.5	1856.4	1859.3	1862.2	1859.3	1856.4	1853.5
157.5°	1885.4	1882.5	1881.1	1882.4	1885.0	1887.5	1890.1	1892.7	1890.1	1887.5	1885.0
160°	1912.9	1911.0	1910.0	1911.0	1912.9	1914.8	1916.8	1918.7	1916.8	1914.8	1912.9
162.5°	1935.6	1934.0	1933.2	1934.2	1936.1	1938.0	1940.0	1941.9	1940.0	1938.0	1936.1
165°	1955.0	1954.0	1953.5	1954.5	1956.4	1958.3	1960.3	1962.2	1960.3	1958.3	1956.4
167.5°	1970.9	1970.0	1969.5	1970.5	1972.4	1974.3	1976.3	1978.2	1976.3	1974.3	1972.4
170°	1983.5	1982.8	1982.5	1983.5	1985.4	1987.3	1989.3	1991.2	1989.3	1987.3	1985.4
172.5°	1992.2	1991.5	1991.2	1992.2	1994.1	1996.0	1998.0	1999.9	1998.0	1996.0	1994.1
175°	1998.0	1997.3	1997.0	1998.1	2000.4	2002.6	2004.9	2007.1	2004.9	2002.6	2000.4
177.5°	2000.4	2000.1	1999.9	2001.0	2003.3	2005.5	2007.8	2010.0	2007.8	2005.5	2003.3
180°	2002.8	2002.8	2002.8	2002.8	2002.8	2002.8	2002.8	2002.8	2002.8	2002.8	2002.8

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CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
0°	2007.0	2007.0	2007.0	2007.0	2007.0	2007.0	2007.0	2007.0	2007.0	2007.0	2007.0
2.5°	1985.4	1993.1	1991.5	1976.1	1959.2	1945.3	1919.0	1922.1	1912.9	1914.4	1923.7
5°	1936.0	1936.0	1929.8	1908.2	1880.5	1865.1	1835.7	1828.0	1809.5	1808.0	1806.4
7.5°	1883.6	1875.9	1868.1	1837.3	1803.3	1778.7	1738.6	1729.3	1710.8	1698.4	1692.3
10°	1821.9	1811.1	1795.6	1760.2	1718.5	1687.6	1646.0	1633.7	1598.2	1582.7	1573.5
12.5°	1754.0	1747.8	1723.1	1693.8	1625.9	1592.0	1531.8	1544.2	1508.7	1477.9	1473.2
15°	1686.1	1663.0	1649.1	1601.3	1519.5	1504.1	1456.3	1431.6	1399.2	1374.5	1374.5
17.5°	1619.8	1584.3	1553.4	1502.5	1442.4	1399.2	1363.7	1351.4	1311.2	1286.6	1281.9
20°	1531.8	1491.7	1484.0	1411.5	1369.9	1322.0	1288.1	1257.3	1227.9	1217.1	1209.4
22.5°	1448.5	1402.3	1389.9	1328.2	1286.6	1238.7	1204.8	1183.2	1161.6	1153.9	1140.0
25°	1359.1	1331.3	1312.8	1246.5	1200.2	1155.4	1132.3	1116.9	1096.8	1095.3	1086.0
27.5°	1272.7	1246.5	1227.9	1164.7	1130.8	1089.1	1070.6	1053.6	1042.8	1038.2	1033.6
30°	1198.6	1169.3	1147.7	1101.4	1059.8	1025.9	1010.4	999.6	993.5	985.7	984.2
32.5°	1116.9	1099.9	1070.6	1035.1	1002.7	970.3	961.1	953.4	944.1	941.0	939.5
35°	1047.5	1024.3	1005.8	965.7	951.8	924.0	913.2	907.1	894.7	891.6	888.6
37.5°	979.6	958.0	937.9	913.2	887.0	871.6	865.4	856.2	850.0	851.5	848.5
40°	911.7	894.7	879.3	853.1	837.7	829.9	817.6	808.3	805.3	806.8	805.3
42.5°	845.4	829.9	820.7	800.6	785.2	777.5	769.8	760.5	765.1	765.1	769.8
45°	785.2	771.3	765.1	749.7	740.5	728.1	720.4	718.9	725.0	723.5	723.5
47.5°	723.5	718.9	711.2	697.3	684.9	677.2	675.7	675.7	681.8	684.9	683.4
50°	675.7	666.4	657.2	646.4	637.1	634.0	629.4	632.5	638.7	638.7	641.7
52.5°	615.5	609.3	606.3	597.0	590.8	590.8	590.8	592.4	597.0	601.6	600.1
55°	563.1	558.4	555.4	550.7	543.0	544.6	543.0	546.1	550.7	555.4	558.4
57.5°	507.5	506.0	502.9	495.2	495.2	493.6	498.3	499.8	507.5	510.6	515.2
60°	458.2	453.5	453.5	447.4	447.4	447.4	452.0	456.6	462.8	464.3	467.4
62.5°	405.7	405.7	404.2	399.5	399.5	404.2	405.7	411.9	415.0	415.0	419.6
65°	356.4	354.8	353.3	354.8	356.4	356.4	361.0	364.1	367.1	368.7	370.2
67.5°	307.0	305.4	308.5	307.0	310.1	316.2	314.7	319.3	324.0	324.0	325.5
70°	260.7	263.8	262.2	265.3	263.8	266.9	271.5	273.0	273.0	274.6	279.2
72.5°	217.5	217.5	217.5	216.0	217.5	220.6	223.7	225.2	228.3	229.9	234.5
75°	175.9	175.9	172.8	175.9	175.9	178.9	182.0	182.0	182.0	185.1	189.7
77.5°	132.7	134.2	132.7	135.8	135.8	137.3	140.4	138.8	141.9	143.5	145.0
80°	97.2	95.6	95.6	95.6	97.2	97.2	100.3	101.8	101.8	106.4	103.4
82.5°	61.7	63.2	61.7	63.2	63.2	64.8	63.2	64.8	66.3	69.4	67.9
85°	35.5	33.9	33.9	35.5	33.9	33.9	35.5	33.9	35.5	33.9	35.5
87.5°	13.9	12.3	12.3	12.3	12.3	10.8	10.8	9.3	9.3	9.3	7.7
90°	15.6	17.4	18.7	21.3	23.8	26.4	29.0	30.6	32.2	33.8	35.4
92.5°	31.0	30.4	30.9	31.9	32.8	33.8	34.8	35.4	36.1	36.7	37.4
95°	51.7	46.4	47.5	49.8	52.0	54.3	56.5	58.1	59.7	61.4	63.0
97.5°	63.9	50.7	53.3	58.4	63.6	68.7	73.9	74.9	75.9	76.8	77.8
100°	80.1	58.0	60.7	66.2	71.7	77.1	82.6	85.2	87.8	90.3	92.9
102.5°	349.6	349.3	320.0	261.4	202.7	144.1	85.5	89.0	92.6	96.1	99.6
105°	479.2	484.0	440.0	352.1	264.2	176.3	88.4	91.9	95.5	99.0	102.5
107.5°	575.7	579.7	525.4	416.9	308.4	199.8	91.3	94.8	98.4	101.9	105.4
110°	669.0	672.4	625.9	532.8	439.7	346.7	253.6	221.4	189.2	157.0	124.8

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CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
112.5°	757.9	760.8	758.1	752.6	747.1	741.7	736.2	597.4	458.6	319.8	181.0
115°	855.2	857.9	861.9	870.0	878.1	886.1	894.2	745.1	596.0	446.9	297.8
117.5°	944.6	947.8	950.5	956.0	961.5	966.9	972.4	926.4	880.3	834.3	788.2
120°	1033.8	1036.2	1039.1	1044.9	1050.7	1056.5	1062.3	1066.2	1070.0	1073.9	1077.8
122.5°	1116.2	1118.8	1122.0	1128.5	1134.9	1141.4	1147.8	1149.7	1151.7	1153.6	1155.5
125°	1194.9	1197.0	1200.1	1206.2	1212.3	1218.5	1224.6	1226.8	1229.1	1231.3	1233.6
127.5°	1271.6	1273.8	1276.2	1281.1	1285.9	1290.8	1295.6	1298.8	1302.0	1305.3	1308.5
130°	1345.2	1347.8	1349.6	1353.1	1356.6	1360.2	1363.7	1367.2	1370.8	1374.3	1377.8
132.5°	1413.8	1415.9	1417.7	1421.2	1424.7	1428.3	1431.8	1434.7	1437.6	1440.5	1443.4
135°	1478.5	1481.1	1482.5	1485.4	1488.3	1491.2	1494.1	1497.3	1500.5	1503.8	1507.0
137.5°	1537.1	1539.0	1540.6	1543.8	1547.1	1550.3	1553.5	1556.7	1559.9	1563.2	1566.4
140°	1594.3	1595.6	1597.4	1600.9	1604.4	1608.0	1611.5	1614.4	1617.3	1620.2	1623.1
142.5°	1645.2	1646.3	1648.4	1652.6	1656.7	1660.9	1665.1	1667.7	1670.3	1672.8	1675.4
145°	1690.0	1689.8	1692.5	1698.0	1703.5	1708.9	1714.4	1716.6	1718.9	1721.1	1723.4
147.5°	1735.2	1734.7	1737.4	1742.9	1748.4	1753.8	1759.3	1760.9	1762.5	1764.2	1765.8
150°	1776.4	1775.3	1777.9	1783.0	1788.2	1793.3	1798.5	1800.4	1802.3	1804.2	1806.1
152.5°	1814.2	1812.9	1815.3	1820.2	1825.0	1829.9	1834.7	1836.6	1838.6	1840.5	1842.4
155°	1850.6	1849.2	1851.1	1855.0	1858.9	1862.7	1866.6	1868.5	1870.5	1872.4	1874.3
157.5°	1882.4	1881.1	1882.5	1885.4	1888.3	1891.2	1894.1	1896.3	1898.6	1900.8	1903.1
160°	1911.0	1910.0	1911.0	1912.9	1914.8	1916.8	1918.7	1920.6	1922.6	1924.5	1926.4
162.5°	1934.2	1933.2	1934.0	1935.6	1937.3	1938.9	1940.5	1942.7	1945.0	1947.2	1949.5
165°	1954.5	1953.5	1954.0	1955.0	1955.9	1956.9	1957.9	1960.1	1962.4	1964.6	1966.9
167.5°	1970.5	1969.5	1970.0	1970.9	1971.9	1972.8	1973.8	1976.0	1978.3	1980.5	1982.8
170°	1983.5	1982.5	1982.8	1983.5	1984.1	1984.8	1985.4	1987.6	1989.9	1992.1	1994.4
172.5°	1992.2	1991.2	1991.5	1992.2	1992.8	1993.5	1994.1	1996.3	1998.6	2000.8	2003.1
175°	1998.1	1997.0	1997.3	1998.0	1998.6	1999.3	1999.9	2002.1	2004.4	2006.6	2008.9
177.5°	2001.0	1999.9	2000.1	2000.4	2000.7	2001.0	2001.3	2003.6	2005.8	2008.1	2010.4
180°	2002.8	2002.8	2002.8	2002.8	2002.8	2002.8	2002.8	2002.8	2002.8	2002.8	2002.8

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CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
0°	2007.0	2007.0	2007.0	2007.0	2007.0	2007.0	2007.0	2007.0	2007.0	2007.0	2007.0
2.5°	1912.9	1917.5	1906.7	1903.6	1906.7	1895.9	1899.0	1902.1	1902.1	1906.7	1909.8
5°	1801.8	1795.6	1784.8	1781.8	1778.7	1783.3	1780.2	1784.8	1786.4	1797.2	1798.7
7.5°	1692.3	1683.0	1673.8	1664.5	1661.4	1653.7	1661.4	1661.4	1672.2	1669.1	1676.9
10°	1562.7	1561.2	1548.8	1544.2	1538.0	1525.7	1542.6	1538.0	1545.7	1559.6	1562.7
12.5°	1467.1	1450.1	1457.8	1436.2	1443.9	1431.6	1433.1	1433.1	1445.5	1447.0	1443.9
15°	1376.0	1362.2	1342.1	1332.8	1328.2	1322.0	1342.1	1343.6	1334.4	1356.0	1348.3
17.5°	1283.5	1283.5	1265.0	1260.3	1248.0	1254.2	1251.1	1252.6	1249.5	1265.0	1272.7
20°	1203.3	1195.5	1189.4	1190.9	1175.5	1172.4	1169.3	1172.4	1183.2	1194.0	1197.1
22.5°	1138.5	1133.8	1118.4	1121.5	1109.2	1113.8	1110.7	1118.4	1120.0	1120.0	1130.8
25°	1076.8	1070.6	1072.1	1066.0	1061.3	1061.3	1056.7	1061.3	1067.5	1070.6	1072.1
27.5°	1030.5	1025.9	1018.1	1013.5	1016.6	1008.9	1015.1	1019.7	1019.7	1016.6	1019.7
30°	974.9	978.0	978.0	962.6	968.8	965.7	970.3	973.4	973.4	974.9	971.9
32.5°	937.9	928.7	927.1	925.6	925.6	919.4	919.4	924.0	925.6	927.1	931.8
35°	888.6	888.6	880.8	885.5	879.3	880.8	879.3	880.8	883.9	879.3	883.9
37.5°	843.8	845.4	842.3	845.4	846.9	843.8	840.7	846.9	843.8	843.8	840.7
40°	805.3	803.7	805.3	805.3	805.3	806.8	803.7	803.7	803.7	800.6	797.5
42.5°	772.9	763.6	766.7	768.2	763.6	763.6	765.1	763.6	768.2	759.0	759.0
45°	726.6	723.5	725.0	725.0	728.1	723.5	726.6	728.1	723.5	722.0	718.9
47.5°	684.9	688.0	684.9	688.0	688.0	691.1	684.9	686.5	688.0	681.8	677.2
50°	643.3	643.3	647.9	646.4	647.9	644.8	644.8	643.3	644.8	641.7	637.1
52.5°	604.7	600.1	607.8	606.3	604.7	603.2	601.6	603.2	600.1	597.0	597.0
55°	556.9	556.9	561.5	563.1	563.1	560.0	556.9	558.4	556.9	555.4	553.8
57.5°	518.3	512.2	515.2	516.8	516.8	512.2	515.2	512.2	512.2	513.7	509.1
60°	469.0	469.0	465.9	470.5	470.5	467.4	467.4	469.0	465.9	464.3	462.8
62.5°	416.5	418.1	422.7	424.2	425.8	422.7	419.6	421.1	421.1	416.5	418.1
65°	371.8	374.9	381.0	379.5	376.4	377.9	374.9	376.4	371.8	373.3	368.7
67.5°	328.6	327.0	328.6	328.6	331.7	330.1	327.0	327.0	325.5	330.1	325.5
70°	282.3	282.3	282.3	282.3	283.8	285.4	282.3	279.2	280.8	277.7	276.1
72.5°	234.5	236.0	234.5	237.6	232.9	236.0	236.0	234.5	232.9	232.9	232.9
75°	189.7	192.8	188.2	189.7	188.2	191.3	189.7	189.7	186.7	185.1	186.7
77.5°	145.0	146.6	143.5	145.0	143.5	145.0	145.0	143.5	143.5	143.5	143.5
80°	103.4	104.9	103.4	101.8	100.3	103.4	100.3	101.8	103.4	101.8	104.9
82.5°	66.3	66.3	64.8	66.3	63.2	63.2	64.8	64.8	63.2	66.3	63.2
85°	32.4	32.4	35.5	32.4	30.9	30.9	30.9	32.4	30.9	33.9	32.4
87.5°	7.7	6.2	7.7	7.7	6.2	6.2	7.7	6.2	7.7	9.3	6.2
90°	36.2	36.5	37.2	37.8	38.5	39.1	38.5	37.8	37.2	36.5	36.2
92.5°	37.7	37.9	38.2	38.5	38.8	39.1	38.8	38.5	38.2	37.9	37.7
95°	63.8	63.6	63.3	63.0	62.6	62.3	62.6	63.0	63.3	63.6	63.8
97.5°	78.3	78.5	78.8	79.1	79.4	79.7	79.4	79.1	78.8	78.5	78.3
100°	94.2	94.5	95.2	95.8	96.5	97.1	96.5	95.8	95.2	94.5	94.2
102.5°	101.4	101.9	102.9	103.8	104.8	105.8	104.8	103.8	102.9	101.9	101.4
105°	104.3	104.9	106.2	107.5	108.8	110.1	108.8	107.5	106.2	104.9	104.3
107.5°	107.2	107.8	109.1	110.4	111.7	113.0	111.7	110.4	109.1	107.8	107.2
110°	108.7	109.3	110.6	111.9	113.2	114.5	113.2	111.9	110.6	109.3	108.7

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CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
112.5°	111.6	112.1	113.0	114.0	114.9	115.9	114.9	114.0	113.0	112.1	111.6
115°	223.2	211.6	188.4	165.2	142.0	118.8	142.0	165.2	188.4	211.6	223.2
117.5°	765.2	723.0	638.6	554.3	469.9	385.5	469.9	554.3	638.6	723.0	765.2
120°	1079.7	1058.0	1014.5	971.0	927.5	884.0	927.5	971.0	1014.5	1058.0	1079.7
122.5°	1156.5	1156.7	1157.0	1157.3	1157.6	1157.9	1157.6	1157.3	1157.0	1156.7	1156.5
125°	1234.7	1235.2	1236.2	1237.1	1238.1	1239.1	1238.1	1237.1	1236.2	1235.2	1234.7
127.5°	1310.1	1310.3	1310.6	1310.9	1311.2	1311.5	1311.2	1310.9	1310.6	1310.3	1310.1
130°	1379.6	1379.4	1379.1	1378.8	1378.5	1378.2	1378.5	1378.8	1379.1	1379.4	1379.6
132.5°	1444.8	1444.6	1444.3	1444.0	1443.7	1443.4	1443.7	1444.0	1444.3	1444.6	1444.8
135°	1508.6	1508.3	1507.6	1507.0	1506.3	1505.7	1506.3	1507.0	1507.6	1508.3	1508.6
137.5°	1568.0	1567.5	1566.6	1565.6	1564.7	1563.7	1564.7	1565.6	1566.6	1567.5	1568.0
140°	1624.5	1623.7	1622.1	1620.5	1618.9	1617.3	1618.9	1620.5	1622.1	1623.7	1624.5
142.5°	1676.7	1675.9	1674.3	1672.7	1671.1	1669.5	1671.1	1672.7	1674.3	1675.9	1676.7
145°	1724.5	1723.7	1722.1	1720.5	1718.9	1717.3	1718.9	1720.5	1722.1	1723.7	1724.5
147.5°	1766.6	1766.0	1764.7	1763.4	1762.1	1760.8	1762.1	1763.4	1764.7	1766.0	1766.6
150°	1807.1	1806.3	1804.7	1803.1	1801.5	1799.9	1801.5	1803.1	1804.7	1806.3	1807.1
152.5°	1843.4	1842.3	1840.0	1837.7	1835.5	1833.2	1835.5	1837.7	1840.0	1842.3	1843.4
155°	1875.3	1874.0	1871.4	1868.9	1866.3	1863.7	1866.3	1868.9	1871.4	1874.0	1875.3
157.5°	1904.2	1902.9	1900.4	1897.8	1895.3	1892.7	1895.3	1897.8	1900.4	1902.9	1904.2
160°	1927.4	1926.3	1924.0	1921.8	1919.5	1917.3	1919.5	1921.8	1924.0	1926.3	1927.4
162.5°	1950.6	1949.2	1946.3	1943.4	1940.5	1937.6	1940.5	1943.4	1946.3	1949.2	1950.6
165°	1968.0	1966.9	1964.6	1962.4	1960.1	1957.9	1960.1	1962.4	1964.6	1966.9	1968.0
167.5°	1983.9	1982.5	1979.6	1976.7	1973.8	1970.9	1973.8	1976.7	1979.6	1982.5	1983.9
170°	1995.5	1994.1	1991.2	1988.3	1985.4	1982.5	1985.4	1988.3	1991.2	1994.1	1995.5
172.5°	2004.2	2002.8	1999.9	1997.0	1994.1	1991.2	1994.1	1997.0	1999.9	2002.8	2004.2
175°	2010.0	2008.4	2005.2	2001.9	1998.7	1995.5	1998.7	2001.9	2005.2	2008.4	2010.0
177.5°	2011.5	2010.0	2007.1	2004.2	2001.3	1998.4	2001.3	2004.2	2007.1	2010.0	2011.5
180°	2002.8	2002.8	2002.8	2002.8	2002.8	2002.8	2002.8	2002.8	2002.8	2002.8	2002.8

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CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
0°	2007.0	2007.0	2007.0	2007.0	2007.0	2007.0	2007.0	2007.0	2007.0	2007.0	2007.0
2.5°	1905.2	1917.5	1912.9	1895.9	1916.0	1916.0	1929.8	1929.8	1946.8	1953.0	1962.2
5°	1797.2	1806.4	1814.1	1806.4	1820.3	1841.9	1854.3	1865.1	1888.2	1897.4	1911.3
7.5°	1681.5	1698.4	1706.2	1706.2	1729.3	1754.0	1778.7	1794.1	1826.5	1838.8	1852.7
10°	1568.9	1588.9	1604.3	1602.8	1641.4	1656.8	1687.6	1723.1	1755.5	1774.0	1794.1
12.5°	1450.1	1460.9	1482.5	1513.3	1522.6	1550.4	1585.8	1630.6	1689.2	1706.2	1735.5
15°	1351.4	1380.7	1397.6	1411.5	1433.1	1459.3	1497.9	1541.1	1599.7	1636.7	1667.6
17.5°	1268.1	1306.6	1317.4	1314.3	1342.1	1382.2	1426.9	1459.3	1511.8	1556.5	1585.8
20°	1200.2	1215.6	1234.1	1241.8	1263.4	1306.6	1349.8	1386.8	1430.0	1465.5	1499.4
22.5°	1132.3	1144.6	1160.1	1173.9	1190.9	1215.6	1257.3	1303.5	1345.2	1379.1	1417.7
25°	1076.8	1084.5	1098.4	1109.2	1127.7	1144.6	1173.9	1224.9	1274.2	1294.3	1328.2
27.5°	1022.8	1028.9	1038.2	1050.5	1059.8	1076.8	1103.0	1144.6	1195.5	1215.6	1261.9
30°	974.9	979.6	988.8	995.0	999.6	1019.7	1039.7	1072.1	1110.7	1138.5	1172.4
32.5°	930.2	934.8	944.1	945.6	951.8	962.6	981.1	1010.4	1044.4	1067.5	1096.8
35°	880.8	883.9	893.2	896.3	900.9	910.2	924.0	945.6	976.5	993.5	1019.7
37.5°	842.3	840.7	846.9	851.5	857.7	862.3	867.0	888.6	911.7	927.1	947.2
40°	800.6	797.5	799.1	805.3	808.3	814.5	814.5	836.1	851.5	863.9	879.3
42.5°	759.0	757.4	754.4	757.4	760.5	762.1	763.6	779.0	794.5	805.3	822.2
45°	717.3	715.8	712.7	714.2	714.2	717.3	722.0	728.1	738.9	748.2	757.4
47.5°	678.8	675.7	671.0	669.5	672.6	672.6	672.6	678.8	689.6	692.6	701.9
50°	638.7	634.0	627.9	624.8	624.8	623.2	626.3	627.9	637.1	640.2	647.9
52.5°	595.5	592.4	586.2	580.0	581.6	578.5	580.0	581.6	584.7	589.3	593.9
55°	552.3	546.1	541.5	539.9	535.3	535.3	530.7	536.8	535.3	536.8	543.0
57.5°	510.6	504.4	496.7	493.6	489.0	487.5	484.4	482.8	484.4	489.0	493.6
60°	461.2	458.2	453.5	448.9	445.8	441.2	438.1	438.1	436.6	436.6	438.1
62.5°	413.4	411.9	405.7	404.2	401.1	398.0	393.4	390.3	390.3	393.4	394.9
65°	367.1	365.6	361.0	359.4	351.7	348.6	347.1	345.6	342.5	342.5	342.5
67.5°	324.0	319.3	319.3	311.6	305.4	302.4	299.3	297.7	297.7	297.7	299.3
70°	276.1	276.1	271.5	266.9	260.7	262.2	257.6	253.0	253.0	249.9	251.5
72.5°	229.9	228.3	223.7	222.1	217.5	212.9	209.8	212.9	208.3	206.7	208.3
75°	185.1	183.6	180.5	177.4	178.9	174.3	169.7	168.1	168.1	165.1	165.1
77.5°	141.9	145.0	138.8	137.3	134.2	131.1	129.6	128.0	128.0	128.0	131.1
80°	98.7	100.3	100.3	97.2	98.7	94.1	94.1	94.1	89.5	91.0	92.6
82.5°	63.2	63.2	61.7	63.2	61.7	61.7	60.2	60.2	58.6	58.6	60.2
85°	35.5	33.9	32.4	35.5	33.9	33.9	32.4	32.4	32.4	32.4	32.4
87.5°	7.7	9.3	9.3	9.3	9.3	10.8	10.8	10.8	12.3	12.3	12.3
90°	35.4	33.8	32.2	30.6	29.0	26.4	23.8	21.3	18.7	17.4	15.6
92.5°	37.4	36.7	36.1	35.4	34.8	33.8	32.8	31.9	30.9	30.4	31.0
95°	63.0	61.4	59.7	58.1	56.5	54.3	52.0	49.8	47.5	46.4	51.7
97.5°	77.8	76.8	75.9	74.9	73.9	68.7	63.6	58.4	53.3	50.7	63.9
100°	92.9	90.3	87.8	85.2	82.6	77.1	71.7	66.2	60.7	58.0	80.1
102.5°	99.6	96.1	92.6	89.0	85.5	144.1	202.7	261.4	320.0	349.3	349.6
105°	102.5	99.0	95.5	91.9	88.4	176.3	264.2	352.1	440.0	484.0	479.2
107.5°	105.4	101.9	98.4	94.8	91.3	199.8	308.4	416.9	525.4	579.7	575.7
110°	124.8	157.0	189.2	221.4	253.6	346.7	439.7	532.8	625.9	672.4	669.0

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CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
112.5°	181.0	319.8	458.6	597.4	736.2	741.7	747.1	752.6	758.1	760.8	757.9
115°	297.8	446.9	596.0	745.1	894.2	886.1	878.1	870.0	861.9	857.9	855.2
117.5°	788.2	834.3	880.3	926.4	972.4	966.9	961.5	956.0	950.5	947.8	944.6
120°	1077.8	1073.9	1070.0	1066.2	1062.3	1056.5	1050.7	1044.9	1039.1	1036.2	1033.8
122.5°	1155.5	1153.6	1151.7	1149.7	1147.8	1141.4	1134.9	1128.5	1122.0	1118.8	1116.2
125°	1233.6	1231.3	1229.1	1226.8	1224.6	1218.5	1212.3	1206.2	1200.1	1197.0	1194.9
127.5°	1308.5	1305.3	1302.0	1298.8	1295.6	1290.8	1285.9	1281.1	1276.2	1273.8	1271.6
130°	1377.8	1374.3	1370.8	1367.2	1363.7	1360.2	1356.6	1353.1	1349.6	1347.8	1345.2
132.5°	1443.4	1440.5	1437.6	1434.7	1431.8	1428.3	1424.7	1421.2	1417.7	1415.9	1413.8
135°	1507.0	1503.8	1500.5	1497.3	1494.1	1491.2	1488.3	1485.4	1482.5	1481.1	1478.5
137.5°	1566.4	1563.2	1559.9	1556.7	1553.5	1550.3	1547.1	1543.8	1540.6	1539.0	1537.1
140°	1623.1	1620.2	1617.3	1614.4	1611.5	1608.0	1604.4	1600.9	1597.4	1595.6	1594.3
142.5°	1675.4	1672.8	1670.3	1667.7	1665.1	1660.9	1656.7	1652.6	1648.4	1646.3	1645.2
145°	1723.4	1721.1	1718.9	1716.6	1714.4	1708.9	1703.5	1698.0	1692.5	1689.8	1690.0
147.5°	1765.8	1764.2	1762.5	1760.9	1759.3	1753.8	1748.4	1742.9	1737.4	1734.7	1735.2
150°	1806.1	1804.2	1802.3	1800.4	1798.5	1793.3	1788.2	1783.0	1777.9	1775.3	1776.4
152.5°	1842.4	1840.5	1838.6	1836.6	1834.7	1829.9	1825.0	1820.2	1815.3	1812.9	1814.2
155°	1874.3	1872.4	1870.5	1868.5	1866.6	1862.7	1858.9	1855.0	1851.1	1849.2	1850.6
157.5°	1903.1	1900.8	1898.6	1896.3	1894.1	1891.2	1888.3	1885.4	1882.5	1881.1	1882.4
160°	1926.4	1924.5	1922.6	1920.6	1918.7	1916.8	1914.8	1912.9	1911.0	1910.0	1911.0
162.5°	1949.5	1947.2	1945.0	1942.7	1940.5	1938.9	1937.3	1935.6	1934.0	1933.2	1934.2
165°	1966.9	1964.6	1962.4	1960.1	1957.9	1956.9	1955.9	1955.0	1954.0	1953.5	1954.5
167.5°	1982.8	1980.5	1978.3	1976.0	1973.8	1972.8	1971.9	1970.9	1970.0	1969.5	1970.5
170°	1994.4	1992.1	1989.9	1987.6	1985.4	1984.8	1984.1	1983.5	1982.8	1982.5	1983.5
172.5°	2003.1	2000.8	1998.6	1996.3	1994.1	1993.5	1992.8	1992.2	1991.5	1991.2	1992.2
175°	2008.9	2006.6	2004.4	2002.1	1999.9	1999.3	1998.6	1998.0	1997.3	1997.0	1998.1
177.5°	2010.4	2008.1	2005.8	2003.6	2001.3	2001.0	2000.7	2000.4	2000.1	1999.9	2001.0
180°	2002.8	2002.8	2002.8	2002.8	2002.8	2002.8	2002.8	2002.8	2002.8	2002.8	2002.8

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CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
0°	2007.0	2007.0	2007.0	2007.0
2.5°	1970.0	1970.0	1993.1	2017.8
5°	1926.8	1937.6	1974.6	2008.5
7.5°	1885.1	1903.6	1949.9	1993.1
10°	1834.2	1858.9	1916.0	1966.9
12.5°	1784.8	1808.0	1874.3	1931.4
15°	1715.4	1744.7	1815.7	1886.6
17.5°	1646.0	1675.3	1761.7	1845.0
20°	1564.2	1602.8	1700.0	1811.1
22.5°	1488.6	1536.5	1644.5	1733.9
25°	1405.3	1479.4	1579.7	1695.4
27.5°	1331.3	1405.3	1507.2	1624.4
30°	1248.0	1323.6	1428.5	1536.5
32.5°	1167.8	1237.2	1339.0	1471.7
35°	1084.5	1150.8	1249.5	1383.7
37.5°	1008.9	1073.7	1181.7	1305.1
40°	934.8	1002.7	1095.3	1218.7
42.5°	865.4	925.6	1008.9	1132.3
45°	802.2	845.4	922.5	1038.2
47.5°	735.8	774.4	845.4	961.1
50°	674.1	706.5	768.2	876.2
52.5°	614.0	641.7	698.8	785.2
55°	560.0	586.2	627.9	712.7
57.5°	504.4	524.5	564.6	632.5
60°	450.5	469.0	501.4	556.9
62.5°	396.5	411.9	442.7	487.5
65°	348.6	361.0	384.1	422.7
67.5°	302.4	310.1	328.6	359.4
70°	257.6	263.8	279.2	303.9
72.5°	209.8	216.0	232.9	249.9
75°	169.7	171.2	183.6	197.5
77.5°	132.7	131.1	140.4	151.2
80°	91.0	95.6	103.4	108.0
82.5°	61.7	63.2	66.3	69.4
85°	33.9	35.5	35.5	40.1
87.5°	13.9	15.4	15.4	17.0
90°	12.1	8.5	5.0	1.4
92.5°	32.3	33.6	34.9	36.2
95°	62.3	73.0	83.6	94.2
97.5°	90.3	116.8	143.2	169.6
100°	124.2	168.3	212.4	256.5
102.5°	350.3	350.9	351.6	352.2
105°	469.5	459.9	450.2	440.6
107.5°	567.6	559.5	551.5	543.4
110°	662.3	655.5	648.8	642.0

TEST NUMBER: P1029191

CATALOG NUMBER: S122DIW-B1005D1440UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
112.5°	752.1	746.3	740.5	734.7
115°	849.7	844.2	838.8	833.3
117.5°	938.1	931.7	925.2	918.8
120°	1028.9	1024.1	1019.2	1014.4
122.5°	1111.1	1105.9	1100.8	1095.6
125°	1190.7	1186.6	1182.4	1178.2
127.5°	1267.1	1262.6	1258.1	1253.6
130°	1340.1	1334.9	1329.8	1324.6
132.5°	1409.6	1405.4	1401.2	1397.0
135°	1473.4	1468.2	1463.1	1457.9
137.5°	1533.2	1529.4	1525.5	1521.7
140°	1591.7	1589.2	1586.6	1584.0
142.5°	1642.9	1640.6	1638.4	1636.1
145°	1690.3	1690.6	1690.9	1691.2
147.5°	1736.1	1737.1	1738.0	1739.0
150°	1778.7	1780.9	1783.2	1785.4
152.5°	1816.8	1819.3	1821.9	1824.5
155°	1853.5	1856.4	1859.3	1862.2
157.5°	1885.0	1887.5	1890.1	1892.7
160°	1912.9	1914.8	1916.8	1918.7
162.5°	1936.1	1938.0	1940.0	1941.9
165°	1956.4	1958.3	1960.3	1962.2
167.5°	1972.4	1974.3	1976.3	1978.2
170°	1985.4	1987.3	1989.3	1991.2
172.5°	1994.1	1996.0	1998.0	1999.9
175°	2000.4	2002.6	2004.9	2007.1
177.5°	2003.3	2005.5	2007.8	2010.0
180°	2002.8	2002.8	2002.8	2002.8

(END OF REPORT)