

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: P1029338

Luminaire Tested: S122DIW-B290D1440UB2750-4F0-XX-W2A-A_3500K

Issue Date: 5/6/2025

Test Information

Test Method: LM-79-2019
Report Number: P1029338
REPORT IS A COMBINATION OF REPORTS P985579 AND P1007351
Test Lab: INNOVATION CENTER
Issue Date: 5/6/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: NEO-RAY
Catalog Number: S122DIW-B290D1440UB2750-4F0-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

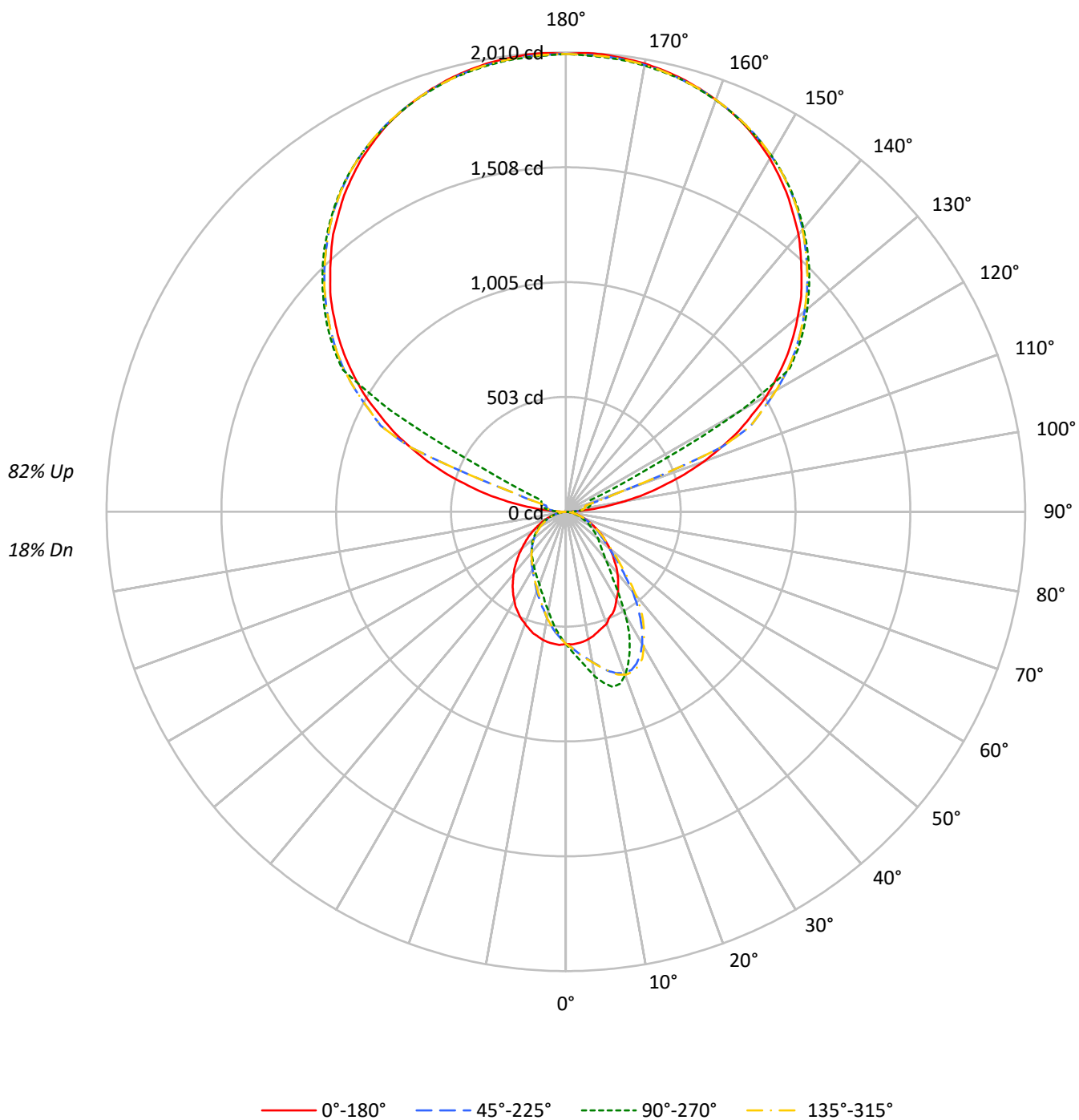
Lumens per Lamp: N/A
Luminaire Lumens: 7150.0 lumens
Efficiency: N/A
Efficacy: 109.7 lumens/watt
Spacing Criteria (0/90/45): 1.16 / 1.09 / 1.23
Luminous Opening: Rectangular w/ Sides (W: 0.17' x L: 4' x H: 0.1')
CIE Type: Semi-Indirect

Input Watts (W): 65.2
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



TEST NUMBER: P1029338

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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	50	30	10
RCR																				
0	99	99	99	99	88	88	88	88	65	65	65	45	45	45	27	27	27	15	15	15
1	91	87	83	80	80	77	74	71	57	56	54	40	39	38	24	23	23	15	15	15
2	83	76	70	65	73	67	62	58	50	47	45	35	33	32	21	20	19	13	13	13
3	75	67	60	54	66	59	53	49	45	41	38	31	29	27	19	18	17	11	11	11
4	69	59	52	46	61	52	46	41	40	35	32	28	25	23	17	16	14	10	10	10
5	63	52	45	39	56	47	40	35	35	31	28	25	22	20	15	14	13	9	9	9
6	58	47	39	34	51	42	35	31	32	27	24	23	20	18	14	12	11	8	8	8
7	54	42	35	30	47	38	31	27	29	24	21	20	18	15	13	11	10	7	7	7
8	50	38	31	26	44	34	28	23	26	22	19	19	16	14	12	10	9	6	6	6
9	46	35	28	23	41	31	25	21	24	19	16	17	14	12	11	9	8	6	6	6
10	43	32	25	20	38	28	22	18	22	18	15	16	13	11	10	8	7	5	5	5

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	9148	9148	9148	9148
5°	9169	9753	9205	7760
10°	9062	10647	9120	6398
15°	8843	11230	8966	5389
20°	8706	10545	8706	4684
25°	8428	9060	8466	4189
30°	7971	7121	8124	3794
35°	7566	4924	7693	3471
40°	7102	3717	7183	3214
45°	6528	3056	6635	2936
50°	6033	2681	6043	2688
55°	5468	2286	5502	2418
60°	4867	1908	4934	2111
65°	4326	1552	4405	1802
70°	3789	1217	3885	1454
75°	3183	884	3306	1055
80°	2483	561	2659	626
85°	1624	282	1752	209

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 157.5°

Vertical Angle: 45°

Luminance: 9457 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	55.0	0.8
10°-20°	160.2	2.2
20°-30°	232.5	3.3
30°-40°	245.1	3.4
40°-50°	216.9	3.0
50°-60°	173.2	2.4
60°-70°	117.6	1.6
70°-80°	60.2	0.8
80°-90°	17.7	0.2
90°-100°	66.1	0.9
100°-110°	246.2	3.4
110°-120°	652.9	9.1
120°-130°	1082.9	15.1
130°-140°	1150.3	16.1
140°-150°	1069.1	15.0
150°-160°	859.5	12.0
160°-170°	553.8	7.7
170°-180°	190.6	2.7
0°-30°	447.8	6.3
0°-40°	692.9	9.7
0°-60°	1083.0	15.1
0°-90°	1278.5	17.9
90°-120°	965.2	13.5
90°-150°	4267.5	59.7
90°-180°	5871.0	82.1
0°-180°	7150.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	578	578	578	578	578	
5°	578	645	581	514	578	55
15°	543	793	551	381	543	153
25°	488	661	490	306	488	223
35°	398	360	405	254	398	249
45°	299	217	304	208	299	232
55°	205	152	206	161	205	183
65°	122	94	124	109	122	121
75°	57	46	59	55	57	61
85°	12	12	12	9	12	13
90°	1	39	1	39	1	6
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°	577.9	577.9	577.9	577.9	577.9	577.9	577.9	577.9	577.9	577.9	577.9
2.5°	581.0	582.3	584.6	585.0	589.4	593.0	597.0	597.0	598.3	597.9	594.3
5°	578.3	582.3	588.1	593.0	601.0	604.5	609.9	613.9	617.4	620.1	619.6
7.5°	573.9	581.0	589.4	598.8	609.4	615.6	623.2	630.3	635.2	639.6	642.7
10°	566.3	578.3	589.9	602.3	616.1	624.5	633.4	642.7	650.3	658.7	666.7
12.5°	556.1	573.4	587.7	604.1	621.0	630.3	644.5	651.6	666.3	687.6	693.4
15°	543.2	566.8	580.1	601.0	623.2	630.7	650.3	661.8	692.0	705.4	721.4
17.5°	531.2	557.5	575.2	599.2	621.0	635.6	654.7	678.3	703.6	722.7	740.5
20°	521.5	546.8	568.1	594.8	622.3	641.0	661.0	689.4	716.9	736.5	750.2
22.5°	499.3	531.7	556.6	586.3	619.6	645.4	664.5	695.6	725.4	737.4	749.3
25°	488.2	516.1	545.0	578.8	617.9	648.5	665.0	699.6	725.8	730.2	732.9
27.5°	467.7	499.3	533.0	571.7	617.4	643.2	664.1	695.6	716.5	713.4	705.4
30°	442.4	481.1	518.4	560.1	611.2	639.2	658.7	687.6	698.3	682.3	668.1
32.5°	423.8	460.2	501.5	549.9	604.1	630.7	649.8	672.5	674.7	645.9	621.9
35°	398.4	438.9	485.5	536.6	592.1	616.1	633.9	647.6	637.0	596.5	568.1
37.5°	375.8	415.8	465.5	517.5	575.7	599.2	613.4	615.6	589.4	553.9	512.1
40°	350.9	392.2	444.2	498.8	557.5	577.9	586.8	580.1	542.4	501.0	452.6
42.5°	326.0	366.9	422.9	478.8	534.4	551.7	555.2	537.0	490.8	442.4	386.4
45°	298.9	341.6	397.5	454.0	507.7	517.5	517.9	491.7	437.1	386.4	334.5
47.5°	276.7	316.3	371.8	428.2	473.5	480.2	477.5	447.3	387.8	330.9	285.6
50°	252.3	290.1	345.1	400.7	439.3	441.1	434.4	391.3	333.1	281.2	245.2
52.5°	226.1	264.3	314.9	368.2	402.9	400.2	387.3	341.1	286.5	243.4	215.9
55°	205.2	239.0	286.5	338.5	362.9	355.4	341.1	294.1	251.0	214.5	190.6
57.5°	182.1	211.9	258.5	303.8	318.0	310.9	296.7	252.7	212.8	185.2	169.2
60°	160.4	187.4	228.3	266.1	277.2	269.6	253.2	213.7	184.8	161.7	149.7
62.5°	140.4	163.9	198.1	232.8	237.2	229.6	215.4	183.4	158.6	140.4	131.5
65°	121.7	143.9	171.5	197.7	201.7	193.7	179.0	155.9	135.0	123.5	115.0
67.5°	103.5	121.3	145.7	164.8	167.0	159.5	147.5	128.8	115.9	103.5	97.3
70°	87.5	100.8	119.9	135.5	136.4	129.3	123.0	106.2	96.4	87.5	82.6
72.5°	72.0	81.3	95.9	107.5	107.9	103.5	97.7	87.1	78.6	72.4	67.5
75°	56.9	64.9	73.7	84.0	83.5	80.0	75.5	68.8	61.7	57.7	55.5
77.5°	43.5	48.4	55.5	62.2	62.2	60.4	57.7	52.9	48.4	44.4	42.2
80°	31.1	34.2	40.0	42.2	43.1	42.6	40.4	36.9	35.1	32.0	31.1
82.5°	20.0	22.2	24.9	27.1	28.4	27.5	27.1	25.3	22.7	21.8	20.9
85°	11.5	12.4	13.8	15.1	15.5	15.1	16.0	14.7	13.3	13.3	12.9
87.5°	4.9	5.3	6.2	6.2	6.7	6.7	6.2	6.7	6.7	6.2	5.8
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°	577.9	577.9	577.9	577.9	577.9	577.9	577.9	577.9	577.9	577.9	577.9
2.5°	600.5	601.0	601.9	606.3	608.5	609.0	607.2	611.2	612.5	611.2	610.3
5°	629.0	631.6	637.0	642.7	642.3	642.7	645.4	648.1	649.0	645.4	646.7
7.5°	653.8	659.2	665.0	673.8	673.8	678.3	680.1	682.3	687.6	684.9	684.1
10°	682.3	689.4	700.0	714.3	714.7	719.1	723.6	730.7	732.9	731.1	732.0
12.5°	717.8	731.6	732.5	748.0	755.1	756.0	763.1	761.8	766.2	766.2	773.8
15°	733.4	754.7	766.7	781.8	786.2	780.9	786.7	792.9	793.3	793.3	792.9
17.5°	761.3	769.8	781.8	789.8	791.5	791.5	792.0	794.7	792.9	789.3	792.0
20°	767.1	770.7	775.1	774.2	775.1	770.7	766.2	761.8	762.2	760.0	766.7
22.5°	756.5	755.6	745.3	738.7	738.7	729.8	721.4	717.4	713.4	714.7	716.9
25°	729.8	716.0	703.6	693.8	691.6	677.4	665.8	662.3	655.6	661.0	661.8
27.5°	687.2	671.6	651.6	643.2	631.6	625.9	617.9	607.2	593.4	601.4	600.1
30°	641.4	618.3	601.9	581.4	563.2	561.9	546.8	529.0	521.9	521.9	525.9
32.5°	590.3	559.7	535.7	506.8	489.1	481.5	463.3	445.5	449.5	436.2	441.1
35°	530.8	490.4	460.2	432.2	418.9	410.0	386.4	376.7	366.0	359.8	371.3
37.5°	473.9	427.3	388.7	358.0	353.1	337.1	321.1	314.9	308.7	311.4	310.9
40°	404.7	363.3	328.7	304.7	296.3	288.7	278.1	270.5	266.5	268.7	269.2
42.5°	342.0	307.4	281.6	264.7	257.6	252.3	247.0	240.8	239.4	239.4	241.2
45°	293.6	265.2	247.9	234.1	230.1	226.1	222.1	219.4	218.5	216.8	218.1
47.5°	255.0	232.3	221.7	211.4	207.0	206.1	202.6	201.2	199.4	199.0	199.4
50°	222.5	208.3	198.6	192.8	189.7	188.3	186.6	183.9	183.0	185.2	184.3
52.5°	199.9	186.6	181.2	175.5	173.7	171.9	169.2	169.7	169.2	168.3	168.3
55°	177.2	168.8	163.5	159.0	158.6	156.8	154.6	153.7	153.2	152.4	153.7
57.5°	159.0	152.4	147.5	143.5	141.7	141.7	139.5	137.7	137.7	137.3	137.7
60°	140.8	134.1	131.0	127.0	125.7	125.3	123.9	123.0	121.7	121.7	121.7
62.5°	123.9	118.6	115.0	111.5	111.9	109.7	107.9	107.0	107.0	107.5	107.5
65°	107.9	104.4	99.9	96.8	95.9	95.5	94.6	94.2	92.8	93.7	93.7
67.5°	93.3	88.4	85.7	84.4	83.1	82.6	81.7	80.8	80.4	80.0	80.8
70°	78.6	74.6	72.4	71.5	70.2	69.7	69.3	68.0	68.4	68.8	69.3
72.5°	65.3	61.7	61.3	58.6	58.6	58.6	56.9	57.7	57.3	56.4	57.3
75°	51.5	49.7	48.9	47.5	48.0	47.5	47.1	45.8	45.8	46.2	46.6
77.5°	40.9	39.1	38.6	37.3	36.4	37.3	36.4	36.0	36.0	36.4	36.4
80°	30.2	29.3	28.0	28.0	28.0	27.5	27.5	27.5	27.1	26.7	27.1
82.5°	20.0	20.0	19.5	19.1	19.5	18.7	19.1	19.1	19.1	19.1	19.1
85°	12.9	12.4	12.4	12.0	12.0	12.0	12.4	11.5	11.5	12.0	12.0
87.5°	5.8	5.8	5.8	6.2	5.8	5.8	5.8	6.2	5.8	5.8	5.8
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: P1029338

CATALOG NUMBER: S122DIW-B290D1440UB2750-4F0-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

TEST NUMBER: P1029338

CATALOG NUMBER: S122DIW-B290D1440UB2750-4F0-XX-W2A-A_3500K

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	577.9	577.9	577.9	577.9	577.9	577.9	577.9	577.9	577.9	577.9	577.9
2.5°	612.5	609.4	606.8	607.2	609.4	607.7	603.2	597.4	595.2	592.5	595.2
5°	649.4	646.7	641.4	641.9	640.5	638.7	631.6	622.8	622.8	615.6	614.8
7.5°	685.8	681.8	678.3	677.4	672.5	668.9	662.7	650.3	645.4	637.0	632.1
10°	726.7	723.6	719.6	714.7	712.0	705.8	695.6	677.4	668.5	657.0	648.5
12.5°	768.0	767.6	758.7	748.9	748.5	738.7	731.6	707.1	695.2	679.6	659.6
15°	794.2	792.0	787.1	782.2	783.5	772.9	756.9	728.0	720.0	701.4	680.1
17.5°	793.8	793.8	792.4	791.5	790.2	787.1	778.2	759.1	746.2	722.7	702.7
20°	768.4	774.2	775.6	775.1	779.6	781.8	781.3	769.3	759.1	738.2	717.8
22.5°	717.8	731.1	736.9	740.5	749.8	754.7	766.2	761.8	759.1	743.6	726.2
25°	670.7	675.2	692.5	693.4	706.3	718.3	729.8	737.4	747.1	741.4	726.7
27.5°	609.9	620.1	632.5	641.9	644.5	668.9	688.0	702.3	724.5	726.2	721.4
30°	541.0	545.9	566.3	578.8	593.0	610.8	638.3	662.7	682.7	700.9	707.1
32.5°	457.1	477.1	489.1	504.2	516.6	548.1	581.9	613.4	636.5	667.2	680.5
35°	380.2	395.8	416.2	422.4	445.1	471.7	515.7	556.1	591.2	622.3	649.4
37.5°	316.7	329.1	350.9	360.7	374.0	408.2	445.1	495.3	537.5	575.7	609.4
40°	273.2	282.5	298.9	302.0	313.2	344.2	374.0	421.1	477.1	528.6	565.5
42.5°	243.4	247.9	259.0	263.0	270.1	290.9	317.6	362.0	414.0	467.3	519.3
45°	222.1	225.2	231.9	235.4	244.3	253.6	275.4	310.9	351.8	405.5	461.5
47.5°	203.0	207.0	209.7	211.9	216.8	227.0	241.2	267.4	306.5	355.8	410.0
50°	187.0	188.3	193.2	193.7	196.8	203.4	216.8	232.8	263.8	303.8	356.2
52.5°	171.0	172.3	175.5	178.6	179.9	185.2	194.1	207.4	230.5	262.1	308.7
55°	155.0	156.8	159.9	162.1	163.5	167.9	173.2	186.1	204.3	226.5	264.7
57.5°	139.0	143.0	143.9	145.2	147.5	152.4	157.2	164.8	179.0	199.4	227.4
60°	123.9	125.3	128.4	129.7	131.9	134.6	140.8	146.6	156.8	172.8	198.1
62.5°	108.4	111.5	112.8	114.2	115.9	119.0	123.0	129.3	138.1	151.0	171.0
65°	95.1	95.5	98.2	99.9	101.7	103.9	107.9	113.7	119.0	131.0	145.7
67.5°	82.2	83.1	84.0	85.7	87.9	90.2	93.7	96.8	103.5	111.5	123.0
70°	69.7	69.7	72.0	73.3	72.8	75.5	78.2	81.7	86.6	94.2	103.5
72.5°	58.6	58.2	60.0	60.4	61.3	63.1	64.9	68.4	71.1	76.8	84.0
75°	46.6	47.5	48.4	48.4	49.7	51.1	52.9	54.6	57.7	61.3	66.6
77.5°	36.9	36.9	37.8	38.2	39.5	39.1	40.9	42.6	44.9	48.0	52.0
80°	27.1	28.0	28.0	28.0	28.4	28.9	30.6	32.0	33.3	35.5	37.3
82.5°	19.1	19.1	20.0	20.0	20.0	20.9	20.9	21.3	22.2	23.5	24.9
85°	12.0	12.0	12.0	12.4	12.0	12.4	13.3	12.9	13.3	14.2	14.2
87.5°	5.8	5.8	5.8	5.8	5.8	6.2	5.8	6.2	6.7	6.7	6.7
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°	577.9	577.9	577.9	577.9	577.9	577.9	577.9	577.9	577.9	577.9	577.9
2.5°	593.0	590.8	589.4	590.3	587.7	581.0	581.0	583.2	580.6	577.9	573.9
5°	609.4	605.0	602.3	601.9	595.7	585.0	582.8	580.6	574.8	568.6	561.9
7.5°	625.4	617.4	613.0	609.9	601.0	587.2	581.4	576.6	567.2	557.9	549.5
10°	638.7	627.2	621.9	617.0	605.4	588.1	578.8	569.9	557.9	545.9	535.2
12.5°	649.4	636.1	629.4	622.3	608.1	585.4	573.9	559.7	547.7	531.7	521.0
15°	667.2	639.6	633.4	626.8	612.1	581.0	566.8	550.8	534.4	513.0	501.5
17.5°	681.4	644.5	644.1	629.9	610.8	579.2	557.5	536.6	518.8	497.5	479.3
20°	689.8	652.1	645.0	630.3	606.3	567.2	544.6	521.5	502.4	476.6	458.4
22.5°	696.9	662.7	644.1	626.3	597.0	563.2	529.9	508.2	481.9	454.0	436.6
25°	699.6	665.0	645.4	625.0	590.3	551.7	513.9	490.4	461.1	435.7	412.2
27.5°	700.0	664.5	640.5	619.2	581.0	536.6	497.9	473.1	440.6	411.3	387.8
30°	695.6	659.6	637.9	614.8	572.1	522.8	478.4	450.9	416.2	386.9	362.5
32.5°	682.3	649.8	632.1	606.8	560.6	503.7	459.7	429.1	392.7	363.8	340.2
35°	660.1	637.9	618.3	594.8	545.5	485.9	441.1	405.1	368.2	340.7	318.5
37.5°	632.5	620.5	602.3	579.2	528.1	470.0	420.2	380.2	343.4	316.7	294.9
40°	595.2	598.3	580.6	559.7	507.7	448.2	393.1	354.9	320.3	295.4	274.1
42.5°	554.8	567.7	557.5	537.5	485.1	424.2	373.1	330.9	297.2	271.4	253.6
45°	511.3	533.5	527.3	512.6	461.5	398.9	344.7	303.8	274.1	249.2	233.6
47.5°	463.7	495.3	495.3	484.6	435.3	373.6	320.3	278.5	249.2	231.4	216.3
50°	415.3	450.9	456.6	449.5	406.0	344.7	290.5	252.7	227.4	210.1	199.0
52.5°	364.7	406.0	416.6	413.1	374.9	317.2	266.1	229.2	206.1	191.0	181.2
55°	316.3	364.2	375.8	377.1	341.6	286.9	239.0	206.5	184.3	174.1	165.7
57.5°	270.5	316.7	329.6	331.8	307.8	259.4	213.7	185.2	165.2	156.8	150.1
60°	231.4	270.1	286.9	291.8	271.0	227.4	190.1	162.6	147.5	139.5	133.3
62.5°	199.4	230.5	248.3	249.6	240.3	199.4	165.7	142.6	129.7	122.6	119.5
65°	168.3	196.3	207.0	212.3	204.8	172.8	143.0	123.9	113.7	107.5	104.4
67.5°	143.5	161.2	170.1	177.2	169.7	145.7	121.7	106.2	98.6	92.4	90.6
70°	117.7	132.4	139.0	146.1	139.5	121.3	103.9	89.7	83.1	78.2	76.0
72.5°	94.2	105.7	111.9	116.4	112.4	97.3	83.1	73.3	68.4	64.9	63.5
75°	74.6	82.6	86.2	89.3	87.5	76.0	67.1	59.1	54.6	51.5	50.6
77.5°	56.9	62.6	66.6	67.5	65.3	57.7	50.2	45.3	41.8	40.0	39.1
80°	40.4	44.0	46.2	47.5	45.3	42.2	36.9	33.3	30.2	28.0	27.5
82.5°	27.1	28.9	30.6	30.2	29.3	26.7	23.5	21.8	20.4	18.7	18.7
85°	15.5	16.0	16.9	17.3	16.9	15.1	13.3	12.4	11.5	10.2	10.2
87.5°	6.7	7.1	7.1	7.6	6.7	6.7	5.8	4.9	4.9	4.4	4.0
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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CATALOG NUMBER: S122DIW-B290D1440UB2750-4F0-XX-W2A-A_3500K

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°	577.9	577.9	577.9	577.9	577.9	577.9	577.9	577.9	577.9	577.9	577.9
2.5°	571.7	573.9	573.4	569.0	564.1	560.1	552.6	553.5	550.8	551.2	553.9
5°	557.5	557.5	555.7	549.5	541.5	537.0	528.6	526.4	521.0	520.6	520.1
7.5°	542.4	540.1	537.9	529.0	519.3	512.1	500.6	497.9	492.6	489.1	487.3
10°	524.6	521.5	517.0	506.8	494.8	485.9	473.9	470.4	460.2	455.7	453.1
12.5°	505.0	503.3	496.2	487.7	468.2	458.4	441.1	444.6	434.4	425.5	424.2
15°	485.5	478.8	474.8	461.1	437.5	433.1	419.3	412.2	402.9	395.8	395.8
17.5°	466.4	456.2	447.3	432.6	415.3	402.9	392.7	389.1	377.6	370.5	369.1
20°	441.1	429.5	427.3	406.4	394.4	380.7	370.9	362.0	353.6	350.5	348.2
22.5°	417.1	403.8	400.2	382.4	370.5	356.7	346.9	340.7	334.5	332.3	328.3
25°	391.3	383.3	378.0	358.9	345.6	332.7	326.0	321.6	315.8	315.4	312.7
27.5°	366.5	358.9	353.6	335.4	325.6	313.6	308.3	303.4	300.3	298.9	297.6
30°	345.1	336.7	330.5	317.2	305.2	295.4	290.9	287.8	286.1	283.8	283.4
32.5°	321.6	316.7	308.3	298.1	288.7	279.4	276.7	274.5	271.8	271.0	270.5
35°	301.6	294.9	289.6	278.1	274.1	266.1	263.0	261.2	257.6	256.7	255.9
37.5°	282.1	275.8	270.1	263.0	255.4	251.0	249.2	246.5	244.7	245.2	244.3
40°	262.5	257.6	253.2	245.6	241.2	239.0	235.4	232.8	231.9	232.3	231.9
42.5°	243.4	239.0	236.3	230.5	226.1	223.9	221.7	219.0	220.3	220.3	221.7
45°	226.1	222.1	220.3	215.9	213.2	209.7	207.4	207.0	208.8	208.3	208.3
47.5°	208.3	207.0	204.8	200.8	197.2	195.0	194.6	194.6	196.3	197.2	196.8
50°	194.6	191.9	189.2	186.1	183.4	182.6	181.2	182.1	183.9	183.9	184.8
52.5°	177.2	175.5	174.6	171.9	170.1	170.1	170.1	170.6	171.9	173.2	172.8
55°	162.1	160.8	159.9	158.6	156.4	156.8	156.4	157.2	158.6	159.9	160.8
57.5°	146.1	145.7	144.8	142.6	142.6	142.1	143.5	143.9	146.1	147.0	148.4
60°	131.9	130.6	130.6	128.8	128.8	128.8	130.1	131.5	133.3	133.7	134.6
62.5°	116.8	116.8	116.4	115.0	115.0	116.4	116.8	118.6	119.5	119.5	120.8
65°	102.6	102.2	101.7	102.2	102.6	102.6	103.9	104.8	105.7	106.2	106.6
67.5°	88.4	87.9	88.8	88.4	89.3	91.1	90.6	91.9	93.3	93.3	93.7
70°	75.1	76.0	75.5	76.4	76.0	76.8	78.2	78.6	78.6	79.1	80.4
72.5°	62.6	62.6	62.6	62.2	62.6	63.5	64.4	64.9	65.7	66.2	67.5
75°	50.6	50.6	49.7	50.6	50.6	51.5	52.4	52.4	52.4	53.3	54.6
77.5°	38.2	38.6	38.2	39.1	39.1	39.5	40.4	40.0	40.9	41.3	41.8
80°	28.0	27.5	27.5	27.5	28.0	28.0	28.9	29.3	29.3	30.6	29.8
82.5°	17.8	18.2	17.8	18.2	18.2	18.7	18.2	18.7	19.1	20.0	19.5
85°	10.2	9.8	9.8	10.2	9.8	9.8	10.2	9.8	10.2	9.8	10.2
87.5°	4.0	3.6	3.6	3.6	3.6	3.1	3.1	2.7	2.7	2.7	2.2
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°	577.9	577.9	577.9	577.9	577.9	577.9	577.9	577.9	577.9	577.9	577.9
2.5°	550.8	552.1	549.0	548.1	549.0	545.9	546.8	547.7	547.7	549.0	549.9
5°	518.8	517.0	513.9	513.0	512.1	513.5	512.6	513.9	514.4	517.5	517.9
7.5°	487.3	484.6	481.9	479.3	478.4	476.2	478.4	478.4	481.5	480.6	482.8
10°	450.0	449.5	446.0	444.6	442.9	439.3	444.2	442.9	445.1	449.1	450.0
12.5°	422.4	417.5	419.8	413.5	415.8	412.2	412.7	412.7	416.2	416.6	415.8
15°	396.2	392.2	386.4	383.8	382.4	380.7	386.4	386.9	384.2	390.4	388.2
17.5°	369.6	369.6	364.2	362.9	359.3	361.1	360.2	360.7	359.8	364.2	366.5
20°	346.5	344.2	342.5	342.9	338.5	337.6	336.7	337.6	340.7	343.8	344.7
22.5°	327.8	326.5	322.0	322.9	319.4	320.7	319.8	322.0	322.5	322.5	325.6
25°	310.0	308.3	308.7	306.9	305.6	305.6	304.3	305.6	307.4	308.3	308.7
27.5°	296.7	295.4	293.2	291.8	292.7	290.5	292.3	293.6	293.6	292.7	293.6
30°	280.7	281.6	281.6	277.2	279.0	278.1	279.4	280.3	280.3	280.7	279.8
32.5°	270.1	267.4	267.0	266.5	266.5	264.7	264.7	266.1	266.5	267.0	268.3
35°	255.9	255.9	253.6	255.0	253.2	253.6	253.2	253.6	254.5	253.2	254.5
37.5°	243.0	243.4	242.5	243.4	243.9	243.0	242.1	243.9	243.0	243.0	242.1
40°	231.9	231.4	231.9	231.9	231.9	232.3	231.4	231.4	231.4	230.5	229.6
42.5°	222.5	219.9	220.8	221.2	219.9	219.9	220.3	219.9	221.2	218.5	218.5
45°	209.2	208.3	208.8	208.8	209.7	208.3	209.2	209.7	208.3	207.9	207.0
47.5°	197.2	198.1	197.2	198.1	198.1	199.0	197.2	197.7	198.1	196.3	195.0
50°	185.2	185.2	186.6	186.1	186.6	185.7	185.7	185.2	185.7	184.8	183.4
52.5°	174.1	172.8	175.0	174.6	174.1	173.7	173.2	173.7	172.8	171.9	171.9
55°	160.4	160.4	161.7	162.1	162.1	161.2	160.4	160.8	160.4	159.9	159.5
57.5°	149.2	147.5	148.4	148.8	148.8	147.5	148.4	147.5	147.5	147.9	146.6
60°	135.0	135.0	134.1	135.5	135.5	134.6	134.6	135.0	134.1	133.7	133.3
62.5°	119.9	120.4	121.7	122.2	122.6	121.7	120.8	121.3	121.3	119.9	120.4
65°	107.0	107.9	109.7	109.3	108.4	108.8	107.9	108.4	107.0	107.5	106.2
67.5°	94.6	94.2	94.6	94.6	95.5	95.1	94.2	94.2	93.7	95.1	93.7
70°	81.3	81.3	81.3	81.3	81.7	82.2	81.3	80.4	80.8	80.0	79.5
72.5°	67.5	68.0	67.5	68.4	67.1	68.0	68.0	67.5	67.1	67.1	67.1
75°	54.6	55.5	54.2	54.6	54.2	55.1	54.6	54.6	53.7	53.3	53.7
77.5°	41.8	42.2	41.3	41.8	41.3	41.8	41.8	41.3	41.3	41.3	41.3
80°	29.8	30.2	29.8	29.3	28.9	29.8	28.9	29.3	29.8	29.3	30.2
82.5°	19.1	19.1	18.7	19.1	18.2	18.2	18.7	18.7	18.2	19.1	18.2
85°	9.3	9.3	10.2	9.3	8.9	8.9	8.9	9.3	8.9	9.8	9.3
87.5°	2.2	1.8	2.2	2.2	1.8	1.8	2.2	1.8	2.2	2.7	1.8
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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CATALOG NUMBER: S122DIW-B290D1440UB2750-4F0-XX-W2A-A_3500K

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°	577.9	577.9	577.9	577.9	577.9	577.9	577.9	577.9	577.9	577.9	577.9
2.5°	548.6	552.1	550.8	545.9	551.7	551.7	555.7	555.7	560.6	562.3	565.0
5°	517.5	520.1	522.4	520.1	524.1	530.4	533.9	537.0	543.7	546.4	550.3
7.5°	484.2	489.1	491.3	491.3	497.9	505.0	512.1	516.6	525.9	529.5	533.5
10°	451.7	457.5	462.0	461.5	472.6	477.1	485.9	496.2	505.5	510.8	516.6
12.5°	417.5	420.6	426.9	435.7	438.4	446.4	456.6	469.5	486.4	491.3	499.7
15°	389.1	397.5	402.4	406.4	412.7	420.2	431.3	443.7	460.6	471.3	480.2
17.5°	365.1	376.2	379.3	378.4	386.4	398.0	410.9	420.2	435.3	448.2	456.6
20°	345.6	350.0	355.4	357.6	363.8	376.2	388.7	399.3	411.8	422.0	431.8
22.5°	326.0	329.6	334.0	338.0	342.9	350.0	362.0	375.3	387.3	397.1	408.2
25°	310.0	312.3	316.3	319.4	324.7	329.6	338.0	352.7	366.9	372.7	382.4
27.5°	294.5	296.3	298.9	302.5	305.2	310.0	317.6	329.6	344.2	350.0	363.3
30°	280.7	282.1	284.7	286.5	287.8	293.6	299.4	308.7	319.8	327.8	337.6
32.5°	267.8	269.2	271.8	272.3	274.1	277.2	282.5	290.9	300.7	307.4	315.8
35°	253.6	254.5	257.2	258.1	259.4	262.1	266.1	272.3	281.2	286.1	293.6
37.5°	242.5	242.1	243.9	245.2	247.0	248.3	249.6	255.9	262.5	267.0	272.7
40°	230.5	229.6	230.1	231.9	232.8	234.5	234.5	240.8	245.2	248.7	253.2
42.5°	218.5	218.1	217.2	218.1	219.0	219.4	219.9	224.3	228.8	231.9	236.8
45°	206.5	206.1	205.2	205.7	205.7	206.5	207.9	209.7	212.8	215.4	218.1
47.5°	195.4	194.6	193.2	192.8	193.7	193.7	193.7	195.4	198.6	199.4	202.1
50°	183.9	182.6	180.8	179.9	179.9	179.5	180.3	180.8	183.4	184.3	186.6
52.5°	171.5	170.6	168.8	167.0	167.5	166.6	167.0	167.5	168.3	169.7	171.0
55°	159.0	157.2	155.9	155.5	154.1	154.1	152.8	154.6	154.1	154.6	156.4
57.5°	147.0	145.2	143.0	142.1	140.8	140.4	139.5	139.0	139.5	140.8	142.1
60°	132.8	131.9	130.6	129.3	128.4	127.0	126.1	126.1	125.7	125.7	126.1
62.5°	119.0	118.6	116.8	116.4	115.5	114.6	113.3	112.4	112.4	113.3	113.7
65°	105.7	105.3	103.9	103.5	101.3	100.4	99.9	99.5	98.6	98.6	98.6
67.5°	93.3	91.9	91.9	89.7	87.9	87.1	86.2	85.7	85.7	85.7	86.2
70°	79.5	79.5	78.2	76.8	75.1	75.5	74.2	72.8	72.8	72.0	72.4
72.5°	66.2	65.7	64.4	64.0	62.6	61.3	60.4	61.3	60.0	59.5	60.0
75°	53.3	52.9	52.0	51.1	51.5	50.2	48.9	48.4	48.4	47.5	47.5
77.5°	40.9	41.8	40.0	39.5	38.6	37.8	37.3	36.9	36.9	36.9	37.8
80°	28.4	28.9	28.9	28.0	28.4	27.1	27.1	27.1	25.8	26.2	26.7
82.5°	18.2	18.2	17.8	18.2	17.8	17.8	17.3	17.3	16.9	16.9	17.3
85°	10.2	9.8	9.3	10.2	9.8	9.8	9.3	9.3	9.3	9.3	9.3
87.5°	2.2	2.7	2.7	2.7	2.7	3.1	3.1	3.1	3.6	3.6	3.6
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°	577.9	577.9	577.9	577.9
2.5°	567.2	567.2	573.9	581.0
5°	554.8	557.9	568.6	578.3
7.5°	542.8	548.1	561.5	573.9
10°	528.1	535.2	551.7	566.3
12.5°	513.9	520.6	539.7	556.1
15°	493.9	502.4	522.8	543.2
17.5°	473.9	482.4	507.3	531.2
20°	450.4	461.5	489.5	521.5
22.5°	428.6	442.4	473.5	499.3
25°	404.7	426.0	454.8	488.2
27.5°	383.3	404.7	434.0	467.7
30°	359.3	381.1	411.3	442.4
32.5°	336.3	356.2	385.6	423.8
35°	312.3	331.4	359.8	398.4
37.5°	290.5	309.2	340.2	375.8
40°	269.2	288.7	315.4	350.9
42.5°	249.2	266.5	290.5	326.0
45°	231.0	243.4	265.6	298.9
47.5°	211.9	223.0	243.4	276.7
50°	194.1	203.4	221.2	252.3
52.5°	176.8	184.8	201.2	226.1
55°	161.2	168.8	180.8	205.2
57.5°	145.2	151.0	162.6	182.1
60°	129.7	135.0	144.4	160.4
62.5°	114.2	118.6	127.5	140.4
65°	100.4	103.9	110.6	121.7
67.5°	87.1	89.3	94.6	103.5
70°	74.2	76.0	80.4	87.5
72.5°	60.4	62.2	67.1	72.0
75°	48.9	49.3	52.9	56.9
77.5°	38.2	37.8	40.4	43.5
80°	26.2	27.5	29.8	31.1
82.5°	17.8	18.2	19.1	20.0
85°	9.8	10.2	10.2	11.5
87.5°	4.0	4.4	4.4	4.9
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: P1029338

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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)