

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: P1031609

Luminaire Tested: S123DIW-B340D1535UB27-4F0-XX-W2A-A

Issue Date: 5/7/2025

Test Information

Test Method: LM-79-2019
Report Number: P1031609
REPORT IS A COMBINATION OF REPORTS P991311 AND P1007351
Test Lab: INNOVATION CENTER
Issue Date: 5/7/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: NEO-RAY
Catalog Number: S123DIW-B340D1535UB27-4F0-XX-W2A-A
Description: Define 3 Direct/Indirect Wall Mount with 2700K BioUP LEDs {m-DER=0.473} {m-EER=0.52}
Light Source: -
Ballast/Driver: -

Summary

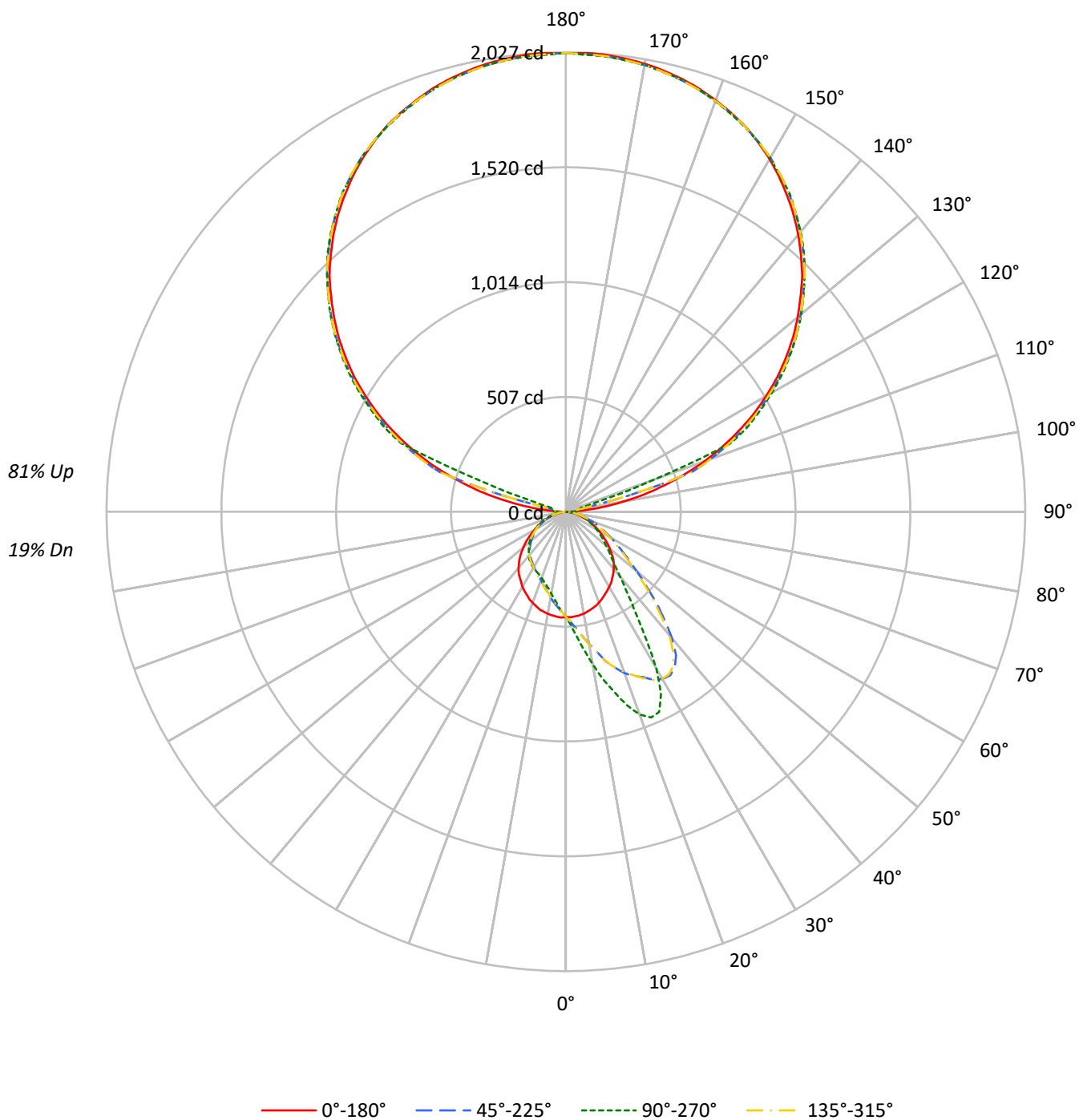
Lumens per Lamp: N/A
Luminaire Lumens: 7576.0 lumens
Efficiency: N/A
Efficacy: 116.2 lumens/watt
Spacing Criteria (0/90/45): 1.23 / 1.37 / 1.5
Luminous Opening: Rectangular w/ Sides (W: 0.25' x L: 4' x H: 0.1')
CIE Type: Semi-Indirect

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



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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20					20					20					20
RC	80				70					50					30					0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10
RCR																				
0	100	100	100	100	88	88	88	88	66	66	66	46	46	46	27	27	27	19		
1	91	87	83	80	80	77	74	71	58	56	54	40	39	38	24	24	23	16		
2	83	76	70	65	73	67	62	58	51	47	45	35	34	32	21	20	20	13		
3	75	67	60	54	66	59	53	49	45	41	38	31	29	27	19	18	17	11		
4	69	59	51	46	61	52	46	41	40	35	32	28	25	23	17	16	14	10		
5	63	52	45	39	55	46	40	35	35	31	27	25	22	20	15	14	13	9		
6	58	47	39	34	51	41	35	30	32	27	24	22	20	17	14	12	11	8		
7	53	42	34	29	47	37	31	26	29	24	21	20	17	15	13	11	10	7		
8	49	38	31	26	44	34	27	23	26	21	18	18	16	13	12	10	9	6		
9	46	34	27	23	40	31	25	20	24	19	16	17	14	12	11	9	8	5		
10	43	31	25	20	38	28	22	18	22	17	14	16	13	11	10	8	7	5		

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	4997	4997	4997	4997
5°	4999	5757	5014	4297
10°	4968	6966	4973	3752
15°	4899	8262	4939	3377
20°	4840	9512	4850	3108
25°	4752	9752	4763	2967
30°	4690	8057	4690	2875
35°	4612	5388	4583	2793
40°	4520	3889	4463	2669
45°	4402	3081	4276	2514
50°	4117	2616	3971	2362
55°	3807	2299	3651	2192
60°	3489	2002	3304	2013
65°	3143	1714	2990	1775
70°	2783	1423	2597	1498
75°	2377	1073	2225	1156
80°	1878	717	1732	759
85°	1297	328	1037	299

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 35°

Vertical Angle: 45°

Luminance: 8059 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	45.7	0.6
10°-20°	146.6	1.9
20°-30°	246.7	3.3
30°-40°	278.8	3.7
40°-50°	249.7	3.3
50°-60°	201.6	2.7
60°-70°	140.5	1.9
70°-80°	73.7	1.0
80°-90°	21.7	0.3
90°-100°	71.4	0.9
100°-110°	345.1	4.6
110°-120°	845.7	11.2
120°-130°	1073.6	14.2
130°-140°	1146.9	15.1
140°-150°	1072.5	14.2
150°-160°	865.1	11.4
160°-170°	558.3	7.4
170°-180°	192.4	2.5
0°-30°	439.0	5.8
0°-40°	717.8	9.5
0°-60°	1169.1	15.4
0°-90°	1405.0	18.5
90°-120°	1262.2	16.7
90°-150°	4555.2	60.1
90°-180°	6171.0	81.5
0°-180°	7576.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	464	464	464	464	464	
5°	464	552	465	412	464	44
15°	443	821	446	336	443	125
25°	405	974	406	296	405	187
35°	357	525	355	272	357	224
45°	296	283	288	231	296	227
55°	210	192	202	184	210	188
65°	130	125	124	130	130	129
75°	62	64	58	69	62	67
85°	14	15	11	14	14	16
90°	2	45	2	45	2	6
95°	92	57	92	57	92	110
105°	448	66	448	66	448	475
115°	841	884	841	884	841	830
125°	1185	1209	1185	1209	1185	1059
135°	1475	1490	1475	1490	1475	1136
145°	1702	1719	1702	1719	1702	1066
155°	1875	1872	1875	1872	1875	864
165°	1978	1973	1978	1973	1978	559
175°	2024	2017	2024	2017	2024	193
180°	2024	2024	2024	2024	2024	

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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	464.2	464.2	464.2	464.2	464.2	464.2	464.2	464.2	464.2	464.2	464.2
2.5°	465.5	469.1	470.9	473.6	476.3	480.4	481.7	484.0	483.1	484.9	485.8
5°	463.7	470.0	475.4	482.2	488.5	493.0	497.5	504.7	510.1	511.0	515.0
7.5°	460.6	469.6	479.0	488.5	500.6	507.8	515.9	525.8	533.9	547.0	551.9
10°	456.5	469.1	482.6	495.7	512.3	523.6	533.5	550.1	566.7	580.2	592.8
12.5°	450.2	466.0	483.5	502.9	524.5	537.5	551.0	573.0	598.2	618.9	632.4
15°	442.6	462.4	484.9	505.6	529.4	553.7	568.1	592.8	628.8	648.2	682.8
17.5°	436.3	456.5	479.0	511.4	543.8	568.1	578.4	623.9	648.6	681.0	720.1
20°	426.4	452.0	480.8	513.2	555.0	569.9	591.0	636.9	667.5	709.8	757.9
22.5°	416.1	443.5	478.1	511.9	558.6	574.4	603.2	639.6	688.2	730.0	783.1
25°	404.8	434.5	469.6	509.6	555.5	578.4	605.4	650.4	703.0	755.7	804.7
27.5°	393.6	426.0	462.4	502.4	547.0	573.9	600.9	647.7	715.2	772.3	834.8
30°	382.8	415.2	451.6	492.5	539.3	565.4	591.0	649.5	724.6	788.9	851.9
32.5°	371.1	404.4	442.6	476.8	524.0	551.9	580.7	649.5	730.5	798.8	856.4
35°	357.1	391.3	424.2	458.3	505.1	536.2	568.5	645.0	735.9	802.0	837.5
37.5°	343.6	373.8	402.1	435.4	484.4	517.7	555.0	639.6	733.2	788.5	798.4
40°	328.4	358.5	381.4	412.5	464.2	502.9	540.7	632.4	721.5	756.6	727.8
42.5°	313.5	337.3	357.1	387.3	443.5	481.3	522.2	619.4	698.5	705.7	641.0
45°	296.4	313.5	331.1	365.2	421.0	459.7	505.1	600.5	661.7	641.0	559.1
47.5°	274.4	289.7	309.0	340.5	397.2	437.2	480.4	576.2	608.1	564.9	475.4
50°	253.2	266.3	284.3	314.9	372.0	411.1	457.0	538.0	553.7	485.8	409.8
52.5°	232.1	242.0	259.5	290.1	347.2	385.0	426.9	498.8	489.8	417.0	349.5
55°	210.1	218.6	235.2	265.4	318.5	354.4	394.5	450.7	427.3	358.0	304.1
57.5°	188.5	197.5	214.6	239.7	289.7	324.8	356.7	400.8	365.7	310.4	262.7
60°	169.1	176.8	189.8	214.6	260.0	288.3	317.6	347.7	318.5	264.9	228.5
62.5°	148.9	156.1	168.2	190.7	229.8	255.0	278.4	303.2	270.8	231.6	199.3
65°	130.0	135.8	147.1	167.8	199.7	220.4	239.3	256.4	230.3	194.3	170.0
67.5°	112.9	117.8	127.3	145.7	172.7	187.6	202.9	217.3	195.2	166.4	145.7
70°	94.5	98.5	107.1	120.5	142.1	157.4	168.7	179.5	159.7	136.7	122.8
72.5°	78.3	82.3	87.7	101.7	116.5	125.9	138.1	143.9	132.7	113.8	99.9
75°	62.5	65.7	70.6	79.6	93.6	99.9	107.5	112.0	101.7	89.1	80.5
77.5°	49.0	50.4	54.0	60.3	69.7	76.9	82.8	85.5	78.3	70.2	63.0
80°	34.6	36.4	39.1	44.5	51.7	54.0	57.6	60.7	56.2	49.0	44.5
82.5°	22.9	25.2	26.5	28.8	33.3	36.0	36.9	39.6	35.5	32.8	31.0
85°	13.5	14.4	14.8	16.2	18.4	19.8	21.1	21.6	20.7	20.2	18.4
87.5°	6.7	6.7	6.7	7.6	8.1	9.0	9.4	9.4	9.4	9.0	8.5
90°	1.5	4.8	8.2	11.5	14.8	16.5	18.7	23.0	27.4	31.7	36.1
92.5°	34.6	32.6	30.6	28.6	26.6	25.6	27.1	30.1	33.1	36.1	39.1
95°	91.7	78.0	64.3	50.6	36.9	30.1	31.9	35.6	39.3	42.9	46.6
97.5°	166.9	157.5	148.2	138.8	129.5	124.8	116.3	99.2	82.2	65.1	48.1
100°	254.2	260.9	267.5	274.2	280.9	284.2	258.1	206.0	153.9	101.7	49.6
102.5°	353.4	357.8	362.1	366.5	370.8	373.0	343.9	285.8	227.6	169.5	111.3
105°	448.2	451.9	455.5	459.2	462.9	464.7	449.7	419.6	389.5	359.4	329.3
107.5°	548.9	551.9	554.9	557.9	560.9	562.4	564.9	569.9	575.0	580.0	585.0
110°	649.7	652.4	655.0	657.7	660.4	661.7	663.5	667.2	670.9	674.5	678.2

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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	745.9	748.2	750.6	752.9	755.2	756.4	758.2	761.9	765.6	769.3	773.0
115°	840.7	842.7	844.7	846.7	848.7	849.7	851.2	854.2	857.2	860.2	863.2
117.5°	933.9	936.2	938.6	940.9	943.2	944.4	945.2	946.9	948.6	950.2	951.9
120°	1019.6	1022.6	1025.6	1028.7	1031.7	1033.2	1033.7	1034.7	1035.7	1036.7	1037.7
122.5°	1106.8	1109.2	1111.5	1113.9	1116.2	1117.4	1118.1	1119.4	1120.7	1122.1	1123.4
125°	1185.0	1187.7	1190.4	1193.1	1195.8	1197.1	1197.8	1199.1	1200.4	1201.8	1203.1
127.5°	1263.2	1265.9	1268.6	1271.3	1274.0	1275.3	1276.1	1277.8	1279.5	1281.1	1282.8
130°	1335.4	1338.1	1340.8	1343.5	1346.2	1347.5	1348.2	1349.5	1350.8	1352.2	1353.5
132.5°	1404.6	1407.3	1409.9	1412.6	1415.3	1416.6	1417.1	1418.1	1419.2	1420.2	1421.2
135°	1475.3	1477.3	1479.3	1481.3	1483.3	1484.3	1485.0	1486.3	1487.6	1489.0	1490.3
137.5°	1535.4	1538.1	1540.8	1543.5	1546.2	1547.5	1547.8	1548.5	1549.2	1549.8	1550.5
140°	1595.6	1597.6	1599.6	1601.6	1603.6	1604.6	1605.1	1606.1	1607.1	1608.1	1609.1
142.5°	1651.2	1653.2	1655.2	1657.3	1659.3	1660.3	1660.8	1661.8	1662.8	1663.8	1664.8
145°	1702.4	1704.7	1707.1	1709.4	1711.7	1712.9	1713.2	1713.9	1714.6	1715.2	1715.9
147.5°	1752.0	1753.7	1755.3	1757.0	1758.7	1759.5	1759.8	1760.5	1761.2	1761.8	1762.5
150°	1797.1	1798.1	1799.1	1800.1	1801.1	1801.6	1801.9	1802.6	1803.3	1803.9	1804.6
152.5°	1837.7	1838.0	1838.4	1838.7	1839.0	1839.2	1839.4	1839.7	1840.0	1840.4	1840.7
155°	1875.3	1874.6	1874.0	1873.3	1872.6	1872.3	1872.5	1872.8	1873.1	1873.5	1873.8
157.5°	1905.4	1905.4	1905.4	1905.4	1905.4	1905.4	1905.2	1904.9	1904.6	1904.2	1903.9
160°	1932.5	1932.2	1931.8	1931.5	1931.2	1931.0	1930.8	1930.5	1930.2	1929.8	1929.5
162.5°	1958.0	1957.0	1956.0	1955.0	1954.0	1953.5	1953.3	1953.0	1952.7	1952.3	1952.0
165°	1977.6	1976.6	1975.6	1974.6	1973.6	1973.1	1972.9	1972.6	1972.3	1971.9	1971.6
167.5°	1994.1	1992.8	1991.4	1990.1	1988.8	1988.1	1988.1	1988.1	1988.1	1988.1	1988.1
170°	2007.7	2006.3	2005.0	2003.6	2002.3	2001.6	2001.6	2001.6	2001.6	2001.6	2001.6
172.5°	2016.7	2015.0	2013.4	2011.7	2010.0	2009.2	2009.4	2009.7	2010.0	2010.4	2010.7
175°	2024.2	2022.5	2020.9	2019.2	2017.5	2016.7	2016.9	2017.2	2017.5	2017.9	2018.2
177.5°	2027.2	2025.5	2023.9	2022.2	2020.5	2019.7	2019.9	2020.2	2020.5	2020.9	2021.2
180°	2024.2	2024.2	2024.2	2024.2	2024.2	2024.2	2024.2	2024.2	2024.2	2024.2	2024.2

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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	464.2	464.2	464.2	464.2	464.2	464.2	464.2	464.2	464.2	464.2	464.2
2.5°	488.9	489.8	493.0	495.2	499.7	499.3	499.3	498.8	497.5	499.7	501.1
5°	523.1	530.8	531.7	541.6	542.0	546.1	548.8	546.5	551.9	551.5	547.4
7.5°	565.4	575.7	580.7	590.1	600.9	598.2	608.6	610.4	609.5	614.0	617.1
10°	611.7	629.7	642.3	659.9	664.3	667.0	673.8	679.6	691.3	682.3	688.2
12.5°	664.8	677.8	694.5	722.4	736.3	745.3	748.5	752.5	760.6	755.7	756.1
15°	709.3	726.9	755.2	789.8	793.9	805.1	802.4	826.7	838.4	820.9	830.8
17.5°	755.7	779.0	812.8	842.9	860.0	867.7	874.9	898.2	897.3	894.6	896.9
20°	785.3	823.6	865.4	905.4	910.4	916.2	935.6	945.5	943.7	951.3	956.3
22.5°	827.2	867.7	912.2	938.7	950.0	956.7	972.0	978.3	981.0	982.8	979.7
25°	862.3	905.4	938.3	961.7	968.4	972.0	977.0	978.8	977.4	974.3	977.0
27.5°	886.1	920.7	943.2	954.0	950.4	944.6	935.1	928.8	914.9	908.1	916.2
30°	896.0	911.3	918.0	900.0	882.1	867.7	849.7	816.4	790.3	797.9	787.6
32.5°	880.3	870.4	838.0	791.6	777.7	754.3	703.5	664.3	665.7	645.0	653.6
35°	833.9	788.9	727.8	657.6	639.2	626.6	570.8	562.2	544.3	524.9	530.3
37.5°	752.1	686.4	612.2	560.4	533.0	505.6	474.1	455.2	444.4	436.3	442.6
40°	652.2	572.1	511.0	464.6	441.3	423.7	402.1	383.2	371.1	369.7	372.0
42.5°	554.1	486.7	430.5	386.4	378.7	358.0	344.1	329.3	325.7	319.8	323.0
45°	469.1	414.3	367.9	331.9	323.0	317.6	300.5	291.0	287.0	283.4	288.8
47.5°	407.5	349.9	316.2	294.6	285.6	276.6	267.2	260.9	257.7	258.2	257.7
50°	348.1	305.9	276.2	259.5	254.1	247.8	240.2	236.1	234.8	230.7	233.9
52.5°	299.6	269.0	248.3	232.5	228.5	224.0	217.7	215.5	212.3	211.4	211.4
55°	260.4	236.6	220.0	209.6	204.7	201.1	197.5	194.8	192.5	192.5	192.5
57.5°	229.8	209.2	197.0	188.0	186.2	182.6	178.6	178.6	175.4	175.0	176.3
60°	203.8	185.3	175.9	168.2	165.5	164.6	160.6	160.6	159.7	157.4	159.2
62.5°	177.2	163.7	155.6	149.8	147.1	147.1	143.9	141.7	141.7	142.1	141.2
65°	152.9	143.0	135.8	131.3	130.0	128.2	127.7	125.9	124.6	125.0	124.6
67.5°	131.3	123.7	118.7	115.1	112.9	112.0	110.6	110.6	109.8	110.2	108.0
70°	112.0	104.4	100.3	96.7	95.8	95.8	94.0	94.5	93.6	94.9	94.0
72.5°	92.2	86.4	83.2	81.9	81.0	80.5	79.6	78.7	78.3	79.2	78.7
75°	74.7	69.7	67.5	66.6	65.7	65.7	65.2	64.8	64.3	64.3	64.3
77.5°	58.0	54.9	52.2	53.1	51.7	52.2	50.8	50.8	51.3	50.8	50.8
80°	42.7	40.5	40.5	39.6	37.8	38.7	38.7	37.3	36.9	37.8	36.4
82.5°	28.3	27.9	27.0	26.5	25.6	26.1	25.6	25.2	24.7	25.6	24.7
85°	16.6	16.6	16.2	15.3	16.2	15.7	15.3	15.3	14.8	14.8	14.8
87.5°	8.5	7.6	7.6	7.2	7.6	6.7	7.2	6.7	6.3	6.7	6.3
90°	37.4	38.8	40.1	41.4	42.1	42.4	43.1	43.8	44.4	45.1	44.4
92.5°	41.4	43.8	46.1	48.4	49.6	49.8	50.1	50.4	50.8	51.1	50.8
95°	48.9	51.3	53.6	55.9	57.1	57.1	57.1	57.1	57.1	57.1	57.1
97.5°	50.8	53.5	56.2	58.9	60.2	60.4	60.7	61.0	61.4	61.7	61.4
100°	52.3	55.0	57.7	60.4	61.7	61.9	62.2	62.5	62.9	63.2	62.9
102.5°	100.3	89.3	78.2	67.2	61.7	62.0	62.7	63.4	64.0	64.7	64.0
105°	270.2	211.0	151.9	92.8	63.2	63.5	64.2	64.9	65.5	66.2	65.5
107.5°	533.5	482.1	430.6	379.1	353.4	331.5	287.7	244.0	200.2	156.4	200.2
110°	667.2	656.2	645.1	634.1	628.6	604.7	556.9	509.2	461.4	413.6	461.4

TEST NUMBER: P1031609

CATALOG NUMBER: S123DIW-B340D1535UB27-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	776.0	779.0	782.0	785.0	786.5	786.2	785.5	784.8	784.2	783.5	784.2
115°	866.6	869.9	873.3	876.6	878.3	879.0	880.3	881.6	883.0	884.3	883.0
117.5°	954.6	957.3	960.0	962.7	964.0	964.2	964.5	964.8	965.2	965.5	965.2
120°	1040.4	1043.0	1045.7	1048.4	1049.7	1049.7	1049.7	1049.7	1049.7	1049.7	1049.7
122.5°	1125.1	1126.7	1128.4	1130.1	1130.9	1131.1	1131.4	1131.7	1132.1	1132.4	1132.1
125°	1203.8	1204.4	1205.1	1205.8	1206.1	1206.4	1207.1	1207.8	1208.4	1209.1	1208.4
127.5°	1283.8	1284.8	1285.8	1286.8	1287.3	1287.0	1286.3	1285.6	1285.0	1284.3	1285.0
130°	1354.8	1356.2	1357.5	1358.8	1359.5	1359.2	1358.5	1357.8	1357.2	1356.5	1357.2
132.5°	1422.5	1423.9	1425.2	1426.5	1427.2	1426.7	1425.7	1424.7	1423.7	1422.7	1423.7
135°	1491.3	1492.3	1493.3	1494.3	1494.8	1494.3	1493.3	1492.3	1491.3	1490.3	1491.3
137.5°	1552.2	1553.8	1555.5	1557.2	1558.0	1557.7	1557.0	1556.3	1555.7	1555.0	1555.7
140°	1610.5	1611.8	1613.2	1614.5	1615.2	1614.9	1614.2	1613.5	1612.8	1612.1	1612.8
142.5°	1665.8	1666.8	1667.8	1668.8	1669.3	1668.8	1667.8	1666.8	1665.8	1664.8	1665.8
145°	1716.6	1717.2	1717.9	1718.6	1718.9	1718.9	1718.9	1718.9	1718.9	1718.9	1718.9
147.5°	1763.2	1763.8	1764.5	1765.2	1765.5	1764.7	1763.0	1761.3	1759.7	1758.0	1759.7
150°	1805.3	1805.9	1806.6	1807.3	1807.6	1807.1	1806.1	1805.1	1804.1	1803.1	1804.1
152.5°	1842.0	1843.4	1844.7	1846.0	1846.7	1845.9	1844.2	1842.5	1840.9	1839.2	1840.9
155°	1875.5	1877.1	1878.8	1880.5	1881.3	1880.3	1878.3	1876.3	1874.3	1872.3	1874.3
157.5°	1905.9	1907.9	1909.9	1911.9	1912.9	1911.6	1908.9	1906.2	1903.6	1900.9	1903.6
160°	1931.5	1933.5	1935.5	1937.5	1938.5	1937.3	1935.0	1932.7	1930.3	1928.0	1930.3
162.5°	1954.3	1956.7	1959.0	1961.3	1962.5	1961.5	1959.5	1957.5	1955.5	1953.5	1955.5
165°	1974.3	1976.9	1979.6	1982.3	1983.6	1982.4	1980.1	1977.8	1975.4	1973.1	1975.4
167.5°	1990.8	1993.4	1996.1	1998.8	2000.1	1998.8	1996.1	1993.4	1990.8	1988.1	1990.8
170°	2004.3	2007.0	2009.7	2012.4	2013.7	2012.4	2009.7	2007.0	2004.3	2001.6	2004.3
172.5°	2013.4	2016.0	2018.7	2021.4	2022.7	2021.2	2018.2	2015.2	2012.2	2009.2	2012.2
175°	2020.5	2022.9	2025.2	2027.5	2028.7	2027.4	2024.7	2022.0	2019.4	2016.7	2019.4
177.5°	2023.9	2026.5	2029.2	2031.9	2033.2	2031.5	2028.2	2024.9	2021.5	2018.2	2021.5
180°	2024.2	2024.2	2024.2	2024.2	2024.2	2024.2	2024.2	2024.2	2024.2	2024.2	2024.2

TEST NUMBER: P1031609

CATALOG NUMBER: S123DIW-B340D1535UB27-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	464.2	464.2	464.2	464.2	464.2	464.2	464.2	464.2	464.2	464.2	464.2
2.5°	497.5	498.8	495.2	494.3	494.3	496.1	494.8	482.6	484.9	482.2	481.3
5°	552.4	549.7	546.1	544.3	542.0	535.7	535.3	521.3	518.6	509.6	505.6
7.5°	612.6	610.4	599.6	598.2	597.3	591.5	576.6	561.8	551.0	540.7	530.8
10°	681.4	674.7	669.7	659.9	654.9	646.8	627.5	613.5	595.1	579.3	558.6
12.5°	764.2	756.6	739.9	732.7	726.4	703.9	684.6	668.8	632.9	622.1	596.4
15°	824.9	808.7	806.9	791.2	790.3	765.6	728.7	711.6	683.7	644.1	617.6
17.5°	890.6	876.2	865.0	846.1	843.4	820.0	793.0	751.2	720.6	682.8	649.1
20°	938.7	931.1	911.7	904.1	888.3	868.6	840.7	788.9	751.6	713.8	672.4
22.5°	977.0	969.3	954.0	943.7	934.7	909.0	875.8	831.7	780.4	730.9	688.2
25°	976.5	974.3	968.0	963.0	956.3	937.4	909.5	867.2	810.1	755.7	696.3
27.5°	921.2	927.5	938.3	943.7	942.3	939.6	923.9	888.3	837.1	772.3	705.7
30°	806.0	829.0	849.2	876.2	884.3	904.1	913.1	892.8	851.9	791.6	717.9
32.5°	668.4	701.7	745.8	760.6	786.2	824.5	867.2	874.9	849.2	802.9	725.5
35°	548.3	575.7	609.9	633.3	656.3	718.3	772.3	819.1	827.6	797.0	723.7
37.5°	453.8	473.2	503.3	523.1	544.3	597.3	672.9	733.6	776.3	777.2	718.8
40°	385.5	394.0	420.1	434.5	454.7	500.6	568.1	647.3	709.8	738.6	705.7
42.5°	326.6	337.8	359.4	370.2	383.2	423.3	467.8	542.9	620.3	681.9	681.4
45°	291.5	299.6	309.5	318.5	333.3	357.1	408.0	464.2	538.4	608.1	635.6
47.5°	260.4	268.1	278.0	280.7	290.6	313.1	344.1	393.1	462.4	531.7	583.4
50°	234.3	240.6	247.4	252.3	256.8	275.3	298.7	340.0	395.4	462.4	526.7
52.5°	214.1	218.6	224.4	227.1	231.2	244.7	262.7	293.3	338.7	399.9	462.4
55°	195.2	198.4	202.0	206.5	208.3	218.2	232.1	258.2	291.9	346.8	406.2
57.5°	177.7	179.0	181.3	184.0	186.2	194.8	206.9	224.4	254.1	296.4	352.6
60°	157.9	161.5	162.8	165.5	166.9	173.6	183.1	197.9	220.9	257.3	299.6
62.5°	141.2	143.5	145.7	147.1	150.2	152.5	160.1	173.6	192.5	219.5	257.7
65°	126.4	127.3	128.6	130.0	130.9	133.6	140.8	149.8	164.2	188.0	217.7
67.5°	109.3	110.2	112.0	112.4	113.3	116.9	121.0	128.6	140.8	158.8	183.1
70°	92.7	94.0	94.9	95.8	97.2	98.5	103.0	109.3	118.7	131.3	150.2
72.5°	78.3	79.6	79.6	80.5	80.1	81.9	86.4	90.9	97.2	107.5	124.1
75°	63.9	63.9	64.8	65.2	65.7	67.5	69.3	72.9	77.8	85.9	96.3
77.5°	50.4	49.9	50.8	50.8	50.8	52.2	54.0	55.8	58.9	64.8	72.9
80°	36.9	36.9	37.8	38.2	37.3	37.8	38.7	40.5	42.7	46.8	51.3
82.5°	24.3	26.1	25.6	26.1	25.6	26.5	27.0	27.4	28.3	30.1	33.3
85°	14.8	14.8	14.8	15.3	14.8	15.3	15.3	15.3	15.7	16.6	18.0
87.5°	6.3	6.3	6.3	6.7	6.3	6.3	6.7	6.3	6.7	6.7	7.2
90°	43.8	43.1	42.4	42.1	41.4	40.1	38.8	37.4	36.1	31.7	27.4
92.5°	50.4	50.1	49.8	49.6	48.4	46.1	43.8	41.4	39.1	36.1	33.1
95°	57.1	57.1	57.1	57.1	55.9	53.6	51.3	48.9	46.6	42.9	39.3
97.5°	61.0	60.7	60.4	60.2	58.9	56.2	53.5	50.8	48.1	65.1	82.2
100°	62.5	62.2	61.9	61.7	60.4	57.7	55.0	52.3	49.6	101.7	153.9
102.5°	63.4	62.7	62.0	61.7	67.2	78.2	89.3	100.3	111.3	169.5	227.6
105°	64.9	64.2	63.5	63.2	92.8	151.9	211.0	270.2	329.3	359.4	389.5
107.5°	244.0	287.7	331.5	353.4	379.1	430.6	482.1	533.5	585.0	580.0	575.0
110°	509.2	556.9	604.7	628.6	634.1	645.1	656.2	667.2	678.2	674.5	670.9

TEST NUMBER: P1031609

CATALOG NUMBER: S123DIW-B340D1535UB27-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	784.8	785.5	786.2	786.5	785.0	782.0	779.0	776.0	773.0	769.3	765.6
115°	881.6	880.3	879.0	878.3	876.6	873.3	869.9	866.6	863.2	860.2	857.2
117.5°	964.8	964.5	964.2	964.0	962.7	960.0	957.3	954.6	951.9	950.2	948.6
120°	1049.7	1049.7	1049.7	1049.7	1048.4	1045.7	1043.0	1040.4	1037.7	1036.7	1035.7
122.5°	1131.7	1131.4	1131.1	1130.9	1130.1	1128.4	1126.7	1125.1	1123.4	1122.1	1120.7
125°	1207.8	1207.1	1206.4	1206.1	1205.8	1205.1	1204.4	1203.8	1203.1	1201.8	1200.4
127.5°	1285.6	1286.3	1287.0	1287.3	1286.8	1285.8	1284.8	1283.8	1282.8	1281.1	1279.5
130°	1357.8	1358.5	1359.2	1359.5	1358.8	1357.5	1356.2	1354.8	1353.5	1352.2	1350.8
132.5°	1424.7	1425.7	1426.7	1427.2	1426.5	1425.2	1423.9	1422.5	1421.2	1420.2	1419.2
135°	1492.3	1493.3	1494.3	1494.8	1494.3	1493.3	1492.3	1491.3	1490.3	1489.0	1487.6
137.5°	1556.3	1557.0	1557.7	1558.0	1557.2	1555.5	1553.8	1552.2	1550.5	1549.8	1549.2
140°	1613.5	1614.2	1614.9	1615.2	1614.5	1613.2	1611.8	1610.5	1609.1	1608.1	1607.1
142.5°	1666.8	1667.8	1668.8	1669.3	1668.8	1667.8	1666.8	1665.8	1664.8	1663.8	1662.8
145°	1718.9	1718.9	1718.9	1718.9	1718.6	1717.9	1717.2	1716.6	1715.9	1715.2	1714.6
147.5°	1761.3	1763.0	1764.7	1765.5	1765.2	1764.5	1763.8	1763.2	1762.5	1761.8	1761.2
150°	1805.1	1806.1	1807.1	1807.6	1807.3	1806.6	1805.9	1805.3	1804.6	1803.9	1803.3
152.5°	1842.5	1844.2	1845.9	1846.7	1846.0	1844.7	1843.4	1842.0	1840.7	1840.4	1840.0
155°	1876.3	1878.3	1880.3	1881.3	1880.5	1878.8	1877.1	1875.5	1873.8	1873.5	1873.1
157.5°	1906.2	1908.9	1911.6	1912.9	1911.9	1909.9	1907.9	1905.9	1903.9	1904.2	1904.6
160°	1932.7	1935.0	1937.3	1938.5	1937.5	1935.5	1933.5	1931.5	1929.5	1929.8	1930.2
162.5°	1957.5	1959.5	1961.5	1962.5	1961.3	1959.0	1956.7	1954.3	1952.0	1952.3	1952.7
165°	1977.8	1980.1	1982.4	1983.6	1982.3	1979.6	1976.9	1974.3	1971.6	1971.9	1972.3
167.5°	1993.4	1996.1	1998.8	2000.1	1998.8	1996.1	1993.4	1990.8	1988.1	1988.1	1988.1
170°	2007.0	2009.7	2012.4	2013.7	2012.4	2009.7	2007.0	2004.3	2001.6	2001.6	2001.6
172.5°	2015.2	2018.2	2021.2	2022.7	2021.4	2018.7	2016.0	2013.4	2010.7	2010.4	2010.0
175°	2022.0	2024.7	2027.4	2028.7	2027.5	2025.2	2022.9	2020.5	2018.2	2017.9	2017.5
177.5°	2024.9	2028.2	2031.5	2033.2	2031.9	2029.2	2026.5	2023.9	2021.2	2020.9	2020.5
180°	2024.2	2024.2	2024.2	2024.2	2024.2	2024.2	2024.2	2024.2	2024.2	2024.2	2024.2

TEST NUMBER: P1031609

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CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
0°	464.2	464.2	464.2	464.2	464.2	464.2	464.2	464.2	464.2	464.2	464.2
2.5°	476.8	475.4	475.4	474.5	471.8	466.9	466.4	467.3	464.6	461.9	457.9
5°	500.2	491.6	488.9	486.2	480.8	471.8	468.2	465.1	460.1	454.3	448.0
7.5°	520.0	507.8	504.2	499.3	488.5	475.9	467.8	461.0	454.3	446.2	438.6
10°	544.7	527.2	518.6	511.4	496.6	479.0	466.9	457.0	446.2	436.3	426.4
12.5°	572.6	544.3	541.6	524.0	506.9	480.8	466.0	451.6	437.2	425.1	414.7
15°	596.0	564.9	553.7	542.0	509.2	476.8	462.4	446.2	429.6	416.5	401.2
17.5°	610.8	585.2	561.3	545.6	511.4	482.6	454.7	436.3	418.8	400.8	388.2
20°	628.8	591.5	570.8	549.7	515.9	478.1	450.2	427.3	405.7	389.5	374.2
22.5°	646.8	596.4	579.3	556.4	516.8	473.6	442.1	419.2	394.5	378.3	361.6
25°	645.0	603.6	575.3	555.9	507.8	469.6	432.7	405.7	382.8	362.1	345.4
27.5°	646.4	595.5	566.7	544.3	501.5	463.7	422.8	394.5	370.6	349.0	331.5
30°	646.8	583.4	558.2	531.2	489.8	449.8	411.6	382.8	357.6	334.2	318.5
32.5°	645.5	573.5	542.0	517.7	471.4	436.3	398.5	367.9	342.3	320.7	305.9
35°	642.3	561.8	525.4	494.8	452.5	417.0	386.4	354.9	327.5	307.7	290.6
37.5°	633.8	549.2	507.8	477.7	430.5	394.5	367.5	341.4	314.9	291.5	277.1
40°	627.5	532.1	490.3	457.4	406.6	371.5	349.0	324.3	298.2	277.1	263.1
42.5°	613.1	515.9	472.3	433.2	383.2	347.2	326.1	306.3	283.8	263.1	250.5
45°	589.7	498.4	450.2	410.7	357.6	323.4	304.1	287.9	268.1	248.3	235.7
47.5°	556.8	473.2	426.9	387.3	332.4	297.8	278.4	266.3	250.5	233.9	223.1
50°	521.3	445.7	403.0	363.9	308.1	274.4	255.5	244.2	233.9	218.6	208.3
52.5°	475.0	416.5	375.6	338.2	282.0	249.6	233.0	224.9	214.1	203.3	194.3
55°	430.0	378.7	345.0	309.5	256.4	226.2	210.1	201.5	195.2	186.2	179.0
57.5°	377.8	343.6	312.6	280.2	232.5	205.1	189.8	179.5	175.4	171.4	164.6
60°	329.7	303.6	278.4	251.4	207.8	183.1	168.2	160.1	156.1	153.4	148.9
62.5°	285.6	265.4	243.8	222.2	182.6	160.1	148.9	140.8	137.2	136.7	132.7
65°	243.3	228.9	211.4	190.3	159.2	139.4	128.6	123.7	119.6	119.6	116.5
67.5°	201.1	191.2	177.2	162.4	138.1	119.6	109.8	105.3	103.0	103.0	100.8
70°	167.3	160.6	148.0	134.9	113.8	99.9	92.2	88.2	86.8	87.3	85.5
72.5°	135.8	128.6	118.3	108.9	93.1	82.8	77.4	72.9	70.6	71.1	70.6
75°	105.3	101.7	92.7	85.5	72.9	65.7	60.7	58.5	56.7	57.1	56.2
77.5°	79.2	73.8	68.8	63.9	56.2	50.4	46.3	44.1	42.7	42.7	42.7
80°	54.0	53.1	49.0	46.3	40.0	35.5	32.4	31.9	30.6	30.6	30.6
82.5°	35.1	32.8	30.6	28.8	25.2	22.5	21.1	20.2	19.8	19.3	20.2
85°	19.3	18.0	17.1	15.3	13.9	12.6	11.2	10.8	10.3	10.8	10.3
87.5°	7.6	6.3	6.3	5.8	5.4	4.9	4.9	4.0	4.0	3.6	3.6
90°	23.0	18.7	16.5	14.8	11.5	8.2	4.8	1.5	4.8	8.2	11.5
92.5°	30.1	27.1	25.6	26.6	28.6	30.6	32.6	34.6	32.6	30.6	28.6
95°	35.6	31.9	30.1	36.9	50.6	64.3	78.0	91.7	78.0	64.3	50.6
97.5°	99.2	116.3	124.8	129.5	138.8	148.2	157.5	166.9	157.5	148.2	138.8
100°	206.0	258.1	284.2	280.9	274.2	267.5	260.9	254.2	260.9	267.5	274.2
102.5°	285.8	343.9	373.0	370.8	366.5	362.1	357.8	353.4	357.8	362.1	366.5
105°	419.6	449.7	464.7	462.9	459.2	455.5	451.9	448.2	451.9	455.5	459.2
107.5°	569.9	564.9	562.4	560.9	557.9	554.9	551.9	548.9	551.9	554.9	557.9
110°	667.2	663.5	661.7	660.4	657.7	655.0	652.4	649.7	652.4	655.0	657.7

TEST NUMBER: P1031609

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CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
112.5°	761.9	758.2	756.4	755.2	752.9	750.6	748.2	745.9	748.2	750.6	752.9
115°	854.2	851.2	849.7	848.7	846.7	844.7	842.7	840.7	842.7	844.7	846.7
117.5°	946.9	945.2	944.4	943.2	940.9	938.6	936.2	933.9	936.2	938.6	940.9
120°	1034.7	1033.7	1033.2	1031.7	1028.7	1025.6	1022.6	1019.6	1022.6	1025.6	1028.7
122.5°	1119.4	1118.1	1117.4	1116.2	1113.9	1111.5	1109.2	1106.8	1109.2	1111.5	1113.9
125°	1199.1	1197.8	1197.1	1195.8	1193.1	1190.4	1187.7	1185.0	1187.7	1190.4	1193.1
127.5°	1277.8	1276.1	1275.3	1274.0	1271.3	1268.6	1265.9	1263.2	1265.9	1268.6	1271.3
130°	1349.5	1348.2	1347.5	1346.2	1343.5	1340.8	1338.1	1335.4	1338.1	1340.8	1343.5
132.5°	1418.1	1417.1	1416.6	1415.3	1412.6	1409.9	1407.3	1404.6	1407.3	1409.9	1412.6
135°	1486.3	1485.0	1484.3	1483.3	1481.3	1479.3	1477.3	1475.3	1477.3	1479.3	1481.3
137.5°	1548.5	1547.8	1547.5	1546.2	1543.5	1540.8	1538.1	1535.4	1538.1	1540.8	1543.5
140°	1606.1	1605.1	1604.6	1603.6	1601.6	1599.6	1597.6	1595.6	1597.6	1599.6	1601.6
142.5°	1661.8	1660.8	1660.3	1659.3	1657.3	1655.2	1653.2	1651.2	1653.2	1655.2	1657.3
145°	1713.9	1713.2	1712.9	1711.7	1709.4	1707.1	1704.7	1702.4	1704.7	1707.1	1709.4
147.5°	1760.5	1759.8	1759.5	1758.7	1757.0	1755.3	1753.7	1752.0	1753.7	1755.3	1757.0
150°	1802.6	1801.9	1801.6	1801.1	1800.1	1799.1	1798.1	1797.1	1798.1	1799.1	1800.1
152.5°	1839.7	1839.4	1839.2	1839.0	1838.7	1838.4	1838.0	1837.7	1838.0	1838.4	1838.7
155°	1872.8	1872.5	1872.3	1872.6	1873.3	1874.0	1874.6	1875.3	1874.6	1874.0	1873.3
157.5°	1904.9	1905.2	1905.4	1905.4	1905.4	1905.4	1905.4	1905.4	1905.4	1905.4	1905.4
160°	1930.5	1930.8	1931.0	1931.2	1931.5	1931.8	1932.2	1932.5	1932.2	1931.8	1931.5
162.5°	1953.0	1953.3	1953.5	1954.0	1955.0	1956.0	1957.0	1958.0	1957.0	1956.0	1955.0
165°	1972.6	1972.9	1973.1	1973.6	1974.6	1975.6	1976.6	1977.6	1976.6	1975.6	1974.6
167.5°	1988.1	1988.1	1988.1	1988.8	1990.1	1991.4	1992.8	1994.1	1992.8	1991.4	1990.1
170°	2001.6	2001.6	2001.6	2002.3	2003.6	2005.0	2006.3	2007.7	2006.3	2005.0	2003.6
172.5°	2009.7	2009.4	2009.2	2010.0	2011.7	2013.4	2015.0	2016.7	2015.0	2013.4	2011.7
175°	2017.2	2016.9	2016.7	2017.5	2019.2	2020.9	2022.5	2024.2	2022.5	2020.9	2019.2
177.5°	2020.2	2019.9	2019.7	2020.5	2022.2	2023.9	2025.5	2027.2	2025.5	2023.9	2022.2
180°	2024.2	2024.2	2024.2	2024.2	2024.2	2024.2	2024.2	2024.2	2024.2	2024.2	2024.2

TEST NUMBER: P1031609

CATALOG NUMBER: S123DIW-B340D1535UB27-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
0°	464.2	464.2	464.2	464.2	464.2	464.2	464.2	464.2	464.2	464.2	464.2
2.5°	457.0	456.5	457.4	454.7	450.2	448.0	441.7	440.4	439.9	440.4	440.8
5°	444.4	443.9	442.6	438.1	432.7	428.7	421.0	420.6	417.9	415.2	416.5
7.5°	432.3	430.5	427.8	421.9	414.7	410.2	403.9	399.4	395.8	393.6	391.8
10°	420.1	417.4	414.7	407.1	398.1	391.3	383.7	380.1	376.0	374.2	372.4
12.5°	404.4	401.7	396.7	387.7	382.3	373.8	366.1	362.5	360.3	356.7	354.4
15°	391.8	386.4	383.7	374.2	363.0	362.1	348.1	347.2	342.7	342.7	339.1
17.5°	377.4	373.3	368.4	358.9	350.8	342.7	335.5	332.8	328.8	327.9	326.1
20°	363.4	358.0	356.2	346.8	338.2	328.4	320.7	318.0	316.2	314.4	315.8
22.5°	349.0	344.5	340.0	331.5	325.2	315.3	310.8	308.1	305.4	304.5	305.0
25°	335.1	331.1	326.6	318.0	311.3	303.2	299.1	297.8	296.4	296.4	296.0
27.5°	321.6	317.6	313.5	305.9	299.1	293.3	290.1	288.8	287.4	288.3	289.2
30°	307.7	304.1	300.5	293.7	288.3	282.9	281.1	280.2	279.8	282.0	282.0
32.5°	295.1	291.9	289.2	282.9	277.5	273.0	271.7	272.1	272.6	273.9	274.8
35°	282.0	279.8	277.1	271.7	267.2	263.1	263.6	263.6	264.5	266.7	268.5
37.5°	270.3	267.2	264.9	260.4	256.8	253.2	254.6	255.9	256.8	259.5	260.4
40°	256.4	255.0	253.2	248.7	245.6	245.1	245.6	246.5	248.3	249.6	251.0
42.5°	245.1	243.3	241.1	237.5	234.8	235.2	235.7	236.6	237.5	239.7	241.1
45°	232.5	231.2	229.4	226.2	224.0	224.4	224.9	224.9	225.8	228.5	229.4
47.5°	218.6	219.1	216.8	213.7	212.3	212.3	212.3	213.2	215.5	216.4	216.8
50°	205.1	204.2	203.8	200.6	199.7	199.3	199.7	200.2	203.3	202.9	204.2
52.5°	190.7	190.7	190.3	188.5	187.1	187.1	186.2	188.5	189.4	190.3	191.6
55°	176.8	175.4	175.0	174.1	172.3	171.8	172.7	175.4	176.3	177.2	178.6
57.5°	161.5	161.5	160.6	159.2	159.2	159.2	159.2	161.0	162.4	163.3	166.0
60°	147.5	145.7	144.4	144.4	144.4	143.9	146.6	146.6	149.3	149.8	150.7
62.5°	130.9	130.0	129.1	129.5	129.1	130.0	130.9	132.7	133.1	134.5	135.8
65°	115.1	115.1	114.2	116.9	115.1	115.1	117.4	117.4	118.3	119.6	121.4
67.5°	99.9	100.3	99.4	99.4	100.3	100.8	101.2	103.0	103.5	105.3	107.5
70°	84.1	85.0	85.5	84.6	85.5	86.4	87.3	87.7	89.5	90.4	91.8
72.5°	70.2	71.1	69.7	70.2	70.6	71.5	72.0	72.9	73.8	76.5	77.4
75°	56.2	55.8	55.3	57.1	56.2	58.0	58.5	58.5	59.4	61.6	62.5
77.5°	43.2	43.2	43.6	42.7	44.1	43.6	44.1	45.4	46.8	46.8	50.4
80°	30.1	31.0	31.0	31.0	31.5	31.9	31.0	33.3	33.7	33.7	35.1
82.5°	19.3	19.8	19.3	20.2	20.2	21.1	20.7	21.1	22.0	22.9	23.4
85°	10.3	10.3	11.2	11.2	10.8	11.2	10.8	11.2	12.1	12.1	12.6
87.5°	3.6	3.6	3.6	3.6	4.0	3.6	4.0	4.0	3.6	3.6	4.9
90°	14.8	16.5	18.7	23.0	27.4	31.7	36.1	37.4	38.8	40.1	41.4
92.5°	26.6	25.6	27.1	30.1	33.1	36.1	39.1	41.4	43.8	46.1	48.4
95°	36.9	30.1	31.9	35.6	39.3	42.9	46.6	48.9	51.3	53.6	55.9
97.5°	129.5	124.8	116.3	99.2	82.2	65.1	48.1	50.8	53.5	56.2	58.9
100°	280.9	284.2	258.1	206.0	153.9	101.7	49.6	52.3	55.0	57.7	60.4
102.5°	370.8	373.0	343.9	285.8	227.6	169.5	111.3	100.3	89.3	78.2	67.2
105°	462.9	464.7	449.7	419.6	389.5	359.4	329.3	270.2	211.0	151.9	92.8
107.5°	560.9	562.4	564.9	569.9	575.0	580.0	585.0	533.5	482.1	430.6	379.1
110°	660.4	661.7	663.5	667.2	670.9	674.5	678.2	667.2	656.2	645.1	634.1

TEST NUMBER: P1031609

CATALOG NUMBER: S123DIW-B340D1535UB27-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
112.5°	755.2	756.4	758.2	761.9	765.6	769.3	773.0	776.0	779.0	782.0	785.0
115°	848.7	849.7	851.2	854.2	857.2	860.2	863.2	866.6	869.9	873.3	876.6
117.5°	943.2	944.4	945.2	946.9	948.6	950.2	951.9	954.6	957.3	960.0	962.7
120°	1031.7	1033.2	1033.7	1034.7	1035.7	1036.7	1037.7	1040.4	1043.0	1045.7	1048.4
122.5°	1116.2	1117.4	1118.1	1119.4	1120.7	1122.1	1123.4	1125.1	1126.7	1128.4	1130.1
125°	1195.8	1197.1	1197.8	1199.1	1200.4	1201.8	1203.1	1203.8	1204.4	1205.1	1205.8
127.5°	1274.0	1275.3	1276.1	1277.8	1279.5	1281.1	1282.8	1283.8	1284.8	1285.8	1286.8
130°	1346.2	1347.5	1348.2	1349.5	1350.8	1352.2	1353.5	1354.8	1356.2	1357.5	1358.8
132.5°	1415.3	1416.6	1417.1	1418.1	1419.2	1420.2	1421.2	1422.5	1423.9	1425.2	1426.5
135°	1483.3	1484.3	1485.0	1486.3	1487.6	1489.0	1490.3	1491.3	1492.3	1493.3	1494.3
137.5°	1546.2	1547.5	1547.8	1548.5	1549.2	1549.8	1550.5	1552.2	1553.8	1555.5	1557.2
140°	1603.6	1604.6	1605.1	1606.1	1607.1	1608.1	1609.1	1610.5	1611.8	1613.2	1614.5
142.5°	1659.3	1660.3	1660.8	1661.8	1662.8	1663.8	1664.8	1665.8	1666.8	1667.8	1668.8
145°	1711.7	1712.9	1713.2	1713.9	1714.6	1715.2	1715.9	1716.6	1717.2	1717.9	1718.6
147.5°	1758.7	1759.5	1759.8	1760.5	1761.2	1761.8	1762.5	1763.2	1763.8	1764.5	1765.2
150°	1801.1	1801.6	1801.9	1802.6	1803.3	1803.9	1804.6	1805.3	1805.9	1806.6	1807.3
152.5°	1839.0	1839.2	1839.4	1839.7	1840.0	1840.4	1840.7	1842.0	1843.4	1844.7	1846.0
155°	1872.6	1872.3	1872.5	1872.8	1873.1	1873.5	1873.8	1875.5	1877.1	1878.8	1880.5
157.5°	1905.4	1905.4	1905.2	1904.9	1904.6	1904.2	1903.9	1905.9	1907.9	1909.9	1911.9
160°	1931.2	1931.0	1930.8	1930.5	1930.2	1929.8	1929.5	1931.5	1933.5	1935.5	1937.5
162.5°	1954.0	1953.5	1953.3	1953.0	1952.7	1952.3	1952.0	1954.3	1956.7	1959.0	1961.3
165°	1973.6	1973.1	1972.9	1972.6	1972.3	1971.9	1971.6	1974.3	1976.9	1979.6	1982.3
167.5°	1988.8	1988.1	1988.1	1988.1	1988.1	1988.1	1988.1	1990.8	1993.4	1996.1	1998.8
170°	2002.3	2001.6	2001.6	2001.6	2001.6	2001.6	2001.6	2004.3	2007.0	2009.7	2012.4
172.5°	2010.0	2009.2	2009.4	2009.7	2010.0	2010.4	2010.7	2013.4	2016.0	2018.7	2021.4
175°	2017.5	2016.7	2016.9	2017.2	2017.5	2017.9	2018.2	2020.5	2022.9	2025.2	2027.5
177.5°	2020.5	2019.7	2019.9	2020.2	2020.5	2020.9	2021.2	2023.9	2026.5	2029.2	2031.9
180°	2024.2	2024.2	2024.2	2024.2	2024.2	2024.2	2024.2	2024.2	2024.2	2024.2	2024.2

TEST NUMBER: P1031609

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CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
0°	464.2	464.2	464.2	464.2	464.2	464.2	464.2	464.2	464.2	464.2	464.2
2.5°	440.4	440.8	439.0	437.7	441.3	439.0	439.0	439.5	438.6	439.9	439.5
5°	415.6	416.1	412.9	413.8	412.0	411.6	411.1	413.8	413.4	412.9	413.8
7.5°	391.3	391.3	390.0	389.1	389.1	387.7	389.5	389.1	390.0	390.0	391.3
10°	371.1	372.0	369.7	367.5	367.0	367.5	367.5	367.9	368.4	371.5	371.1
12.5°	354.4	353.1	352.6	351.3	349.0	348.1	347.2	352.2	350.8	350.8	350.8
15°	336.0	339.1	338.7	334.6	333.7	335.5	334.6	334.6	339.1	338.7	338.2
17.5°	326.1	325.2	324.3	322.1	322.5	322.1	322.5	322.5	325.2	325.2	325.2
20°	314.9	313.1	313.1	312.2	312.2	310.8	312.6	313.1	314.9	314.9	315.3
22.5°	305.0	303.6	303.6	303.2	304.1	302.3	304.1	304.5	304.5	305.9	305.9
25°	296.4	295.5	295.5	296.4	296.4	296.4	296.4	298.2	296.9	297.3	296.9
27.5°	288.8	289.2	289.7	290.1	289.7	290.1	290.6	291.5	291.9	291.5	290.6
30°	281.6	282.9	283.4	283.4	284.3	284.7	285.2	285.2	285.6	284.3	285.2
32.5°	276.2	276.2	277.1	277.5	278.4	278.9	278.9	279.8	279.3	278.0	278.4
35°	268.5	268.5	270.3	271.2	272.6	272.1	272.6	272.6	273.0	272.1	270.8
37.5°	260.9	261.8	261.8	263.6	264.0	264.5	264.0	264.9	264.5	263.6	263.1
40°	251.9	251.4	251.9	253.2	253.7	253.7	253.7	254.6	254.6	254.6	254.1
42.5°	240.6	242.0	241.5	242.9	242.4	242.4	243.3	244.2	244.7	243.3	243.8
45°	229.8	229.8	230.7	230.7	231.2	231.2	233.0	232.1	233.0	232.1	232.5
47.5°	218.2	218.6	218.6	219.1	220.0	220.9	220.0	220.4	220.4	220.9	220.0
50°	205.1	205.1	206.0	207.4	209.2	208.3	207.8	209.6	208.3	208.3	207.4
52.5°	191.6	193.0	193.4	194.8	196.1	196.6	197.0	196.1	196.6	195.2	195.7
55°	178.6	179.0	180.8	182.2	183.5	183.5	183.1	183.5	184.0	182.2	182.2
57.5°	165.5	166.9	168.7	168.7	170.5	170.5	170.0	170.0	170.5	169.1	168.7
60°	151.6	152.9	155.2	155.2	157.9	158.3	157.4	156.5	156.5	155.2	155.6
62.5°	136.7	138.1	139.4	141.7	143.5	142.6	144.4	142.6	143.0	140.3	140.3
65°	123.7	124.1	126.4	128.6	128.6	129.5	128.6	129.1	127.7	127.7	125.9
67.5°	108.4	108.4	110.6	112.9	115.1	115.1	115.1	113.8	113.8	112.4	112.4
70°	94.9	94.5	96.7	98.1	99.4	99.9	99.0	98.5	97.6	96.3	95.8
72.5°	78.3	79.2	81.4	82.3	84.6	84.1	86.4	83.7	83.7	81.4	81.0
75°	63.4	64.3	66.6	67.9	69.3	69.3	70.6	69.3	67.5	66.6	66.1
77.5°	50.4	49.9	51.7	54.0	54.4	54.0	54.9	54.4	52.6	52.6	51.7
80°	36.0	37.3	39.1	38.7	40.5	40.0	40.0	39.1	39.1	37.8	38.7
82.5°	23.8	25.2	25.6	25.2	25.6	26.5	27.0	26.5	26.5	25.6	26.1
85°	12.6	12.6	13.5	13.9	13.5	13.5	13.9	15.3	14.4	13.5	14.4
87.5°	4.0	3.6	3.6	4.0	3.6	3.6	4.0	4.0	4.5	4.5	4.5
90°	42.1	42.4	43.1	43.8	44.4	45.1	44.4	43.8	43.1	42.4	42.1
92.5°	49.6	49.8	50.1	50.4	50.8	51.1	50.8	50.4	50.1	49.8	49.6
95°	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
97.5°	60.2	60.4	60.7	61.0	61.4	61.7	61.4	61.0	60.7	60.4	60.2
100°	61.7	61.9	62.2	62.5	62.9	63.2	62.9	62.5	62.2	61.9	61.7
102.5°	61.7	62.0	62.7	63.4	64.0	64.7	64.0	63.4	62.7	62.0	61.7
105°	63.2	63.5	64.2	64.9	65.5	66.2	65.5	64.9	64.2	63.5	63.2
107.5°	353.4	331.5	287.7	244.0	200.2	156.4	200.2	244.0	287.7	331.5	353.4
110°	628.6	604.7	556.9	509.2	461.4	413.6	461.4	509.2	556.9	604.7	628.6

TEST NUMBER: P1031609

CATALOG NUMBER: S123DIW-B340D1535UB27-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
112.5°	786.5	786.2	785.5	784.8	784.2	783.5	784.2	784.8	785.5	786.2	786.5
115°	878.3	879.0	880.3	881.6	883.0	884.3	883.0	881.6	880.3	879.0	878.3
117.5°	964.0	964.2	964.5	964.8	965.2	965.5	965.2	964.8	964.5	964.2	964.0
120°	1049.7	1049.7	1049.7	1049.7	1049.7	1049.7	1049.7	1049.7	1049.7	1049.7	1049.7
122.5°	1130.9	1131.1	1131.4	1131.7	1132.1	1132.4	1132.1	1131.7	1131.4	1131.1	1130.9
125°	1206.1	1206.4	1207.1	1207.8	1208.4	1209.1	1208.4	1207.8	1207.1	1206.4	1206.1
127.5°	1287.3	1287.0	1286.3	1285.6	1285.0	1284.3	1285.0	1285.6	1286.3	1287.0	1287.3
130°	1359.5	1359.2	1358.5	1357.8	1357.2	1356.5	1357.2	1357.8	1358.5	1359.2	1359.5
132.5°	1427.2	1426.7	1425.7	1424.7	1423.7	1422.7	1423.7	1424.7	1425.7	1426.7	1427.2
135°	1494.8	1494.3	1493.3	1492.3	1491.3	1490.3	1491.3	1492.3	1493.3	1494.3	1494.8
137.5°	1558.0	1557.7	1557.0	1556.3	1555.7	1555.0	1555.7	1556.3	1557.0	1557.7	1558.0
140°	1615.2	1614.9	1614.2	1613.5	1612.8	1612.1	1612.8	1613.5	1614.2	1614.9	1615.2
142.5°	1669.3	1668.8	1667.8	1666.8	1665.8	1664.8	1665.8	1666.8	1667.8	1668.8	1669.3
145°	1718.9	1718.9	1718.9	1718.9	1718.9	1718.9	1718.9	1718.9	1718.9	1718.9	1718.9
147.5°	1765.5	1764.7	1763.0	1761.3	1759.7	1758.0	1759.7	1761.3	1763.0	1764.7	1765.5
150°	1807.6	1807.1	1806.1	1805.1	1804.1	1803.1	1804.1	1805.1	1806.1	1807.1	1807.6
152.5°	1846.7	1845.9	1844.2	1842.5	1840.9	1839.2	1840.9	1842.5	1844.2	1845.9	1846.7
155°	1881.3	1880.3	1878.3	1876.3	1874.3	1872.3	1874.3	1876.3	1878.3	1880.3	1881.3
157.5°	1912.9	1911.6	1908.9	1906.2	1903.6	1900.9	1903.6	1906.2	1908.9	1911.6	1912.9
160°	1938.5	1937.3	1935.0	1932.7	1930.3	1928.0	1930.3	1932.7	1935.0	1937.3	1938.5
162.5°	1962.5	1961.5	1959.5	1957.5	1955.5	1953.5	1955.5	1957.5	1959.5	1961.5	1962.5
165°	1983.6	1982.4	1980.1	1977.8	1975.4	1973.1	1975.4	1977.8	1980.1	1982.4	1983.6
167.5°	2000.1	1998.8	1996.1	1993.4	1990.8	1988.1	1990.8	1993.4	1996.1	1998.8	2000.1
170°	2013.7	2012.4	2009.7	2007.0	2004.3	2001.6	2004.3	2007.0	2009.7	2012.4	2013.7
172.5°	2022.7	2021.2	2018.2	2015.2	2012.2	2009.2	2012.2	2015.2	2018.2	2021.2	2022.7
175°	2028.7	2027.4	2024.7	2022.0	2019.4	2016.7	2019.4	2022.0	2024.7	2027.4	2028.7
177.5°	2033.2	2031.5	2028.2	2024.9	2021.5	2018.2	2021.5	2024.9	2028.2	2031.5	2033.2
180°	2024.2	2024.2	2024.2	2024.2	2024.2	2024.2	2024.2	2024.2	2024.2	2024.2	2024.2

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CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
0°	464.2	464.2	464.2	464.2	464.2	464.2	464.2	464.2	464.2	464.2	464.2
2.5°	440.8	441.7	442.1	440.4	439.0	441.3	444.4	446.6	448.4	450.7	452.0
5°	414.7	417.9	417.9	418.8	420.1	422.4	428.2	432.3	435.9	438.6	440.8
7.5°	392.7	394.9	396.3	398.5	400.8	403.9	410.7	416.5	421.9	425.1	428.7
10°	372.9	374.7	376.9	378.3	382.3	386.8	395.4	400.3	406.6	411.6	416.1
12.5°	354.0	360.3	361.6	361.2	364.8	369.7	378.3	385.9	392.7	397.6	402.6
15°	340.5	342.7	345.4	345.0	352.6	354.0	361.2	370.2	379.2	382.3	386.8
17.5°	325.7	329.3	331.9	333.3	335.5	340.5	347.2	354.0	365.7	366.1	377.8
20°	314.0	317.6	319.4	321.2	322.5	328.4	334.2	341.8	351.3	356.2	362.5
22.5°	306.3	308.1	309.5	310.8	312.6	315.8	323.0	331.5	337.8	343.2	347.2
25°	297.3	299.1	300.9	301.8	303.2	305.0	310.4	317.1	326.1	329.7	333.7
27.5°	291.0	291.0	291.9	291.9	293.7	295.5	299.6	305.9	313.1	317.6	323.0
30°	284.3	283.8	284.3	283.8	283.4	286.1	289.7	295.1	300.0	305.4	309.0
32.5°	277.5	277.1	277.1	277.5	275.7	277.1	278.9	283.8	289.2	291.9	296.0
35°	270.3	269.4	269.4	269.4	268.5	267.6	269.4	273.9	277.5	281.1	284.3
37.5°	263.1	261.8	261.8	260.9	260.0	258.6	258.6	262.2	267.2	268.5	272.6
40°	253.2	253.2	252.3	251.9	251.0	250.1	248.7	251.9	256.4	257.7	260.9
42.5°	243.3	242.0	241.5	241.5	241.5	240.2	239.3	241.5	244.2	246.5	248.3
45°	232.1	231.2	231.6	231.2	230.3	229.8	229.4	230.3	233.4	234.3	236.6
47.5°	220.0	219.5	219.5	219.1	218.6	219.1	217.3	219.5	220.4	221.3	223.1
50°	207.4	206.9	206.5	206.0	206.0	206.5	206.0	206.0	207.8	208.7	210.5
52.5°	194.8	193.4	193.4	193.0	193.0	192.1	193.0	193.4	194.3	195.2	196.1
55°	181.3	181.3	179.9	179.9	179.0	179.0	179.5	179.0	180.8	181.7	181.7
57.5°	168.2	166.4	166.9	166.0	165.1	164.6	164.6	165.5	166.4	166.4	167.3
60°	154.3	152.5	152.0	150.2	151.1	149.8	150.2	150.2	152.0	151.1	152.0
62.5°	140.3	138.1	136.7	135.8	135.8	136.3	135.4	134.9	135.8	136.7	138.5
65°	125.5	124.1	122.8	121.4	121.4	121.0	121.9	120.5	120.1	120.5	121.4
67.5°	110.2	108.9	107.5	106.2	106.6	105.3	104.4	105.7	104.8	105.3	106.2
70°	95.4	94.5	91.8	90.9	90.4	90.9	90.4	89.5	90.9	90.4	90.9
72.5°	80.5	79.6	78.3	76.0	76.0	75.6	75.1	75.1	74.7	74.7	74.7
75°	66.1	64.3	63.0	62.5	61.6	61.2	60.7	59.8	60.3	60.7	59.8
77.5°	51.3	49.0	48.6	48.6	47.2	47.2	47.7	47.2	46.8	46.8	46.8
80°	37.8	36.0	36.0	35.1	34.2	34.2	34.2	34.2	33.7	33.3	33.7
82.5°	24.3	23.8	23.4	23.4	24.3	22.5	23.4	22.9	22.5	22.5	22.0
85°	13.5	13.9	13.5	13.9	13.0	13.5	13.5	13.5	13.0	13.5	12.6
87.5°	4.9	4.9	4.9	5.4	5.4	5.4	5.4	5.4	5.8	5.4	5.4
90°	41.4	40.1	38.8	37.4	36.1	31.7	27.4	23.0	18.7	16.5	14.8
92.5°	48.4	46.1	43.8	41.4	39.1	36.1	33.1	30.1	27.1	25.6	26.6
95°	55.9	53.6	51.3	48.9	46.6	42.9	39.3	35.6	31.9	30.1	36.9
97.5°	58.9	56.2	53.5	50.8	48.1	65.1	82.2	99.2	116.3	124.8	129.5
100°	60.4	57.7	55.0	52.3	49.6	101.7	153.9	206.0	258.1	284.2	280.9
102.5°	67.2	78.2	89.3	100.3	111.3	169.5	227.6	285.8	343.9	373.0	370.8
105°	92.8	151.9	211.0	270.2	329.3	359.4	389.5	419.6	449.7	464.7	462.9
107.5°	379.1	430.6	482.1	533.5	585.0	580.0	575.0	569.9	564.9	562.4	560.9
110°	634.1	645.1	656.2	667.2	678.2	674.5	670.9	667.2	663.5	661.7	660.4

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CATALOG NUMBER: S123DIW-B340D1535UB27-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
112.5°	785.0	782.0	779.0	776.0	773.0	769.3	765.6	761.9	758.2	756.4	755.2
115°	876.6	873.3	869.9	866.6	863.2	860.2	857.2	854.2	851.2	849.7	848.7
117.5°	962.7	960.0	957.3	954.6	951.9	950.2	948.6	946.9	945.2	944.4	943.2
120°	1048.4	1045.7	1043.0	1040.4	1037.7	1036.7	1035.7	1034.7	1033.7	1033.2	1031.7
122.5°	1130.1	1128.4	1126.7	1125.1	1123.4	1122.1	1120.7	1119.4	1118.1	1117.4	1116.2
125°	1205.8	1205.1	1204.4	1203.8	1203.1	1201.8	1200.4	1199.1	1197.8	1197.1	1195.8
127.5°	1286.8	1285.8	1284.8	1283.8	1282.8	1281.1	1279.5	1277.8	1276.1	1275.3	1274.0
130°	1358.8	1357.5	1356.2	1354.8	1353.5	1352.2	1350.8	1349.5	1348.2	1347.5	1346.2
132.5°	1426.5	1425.2	1423.9	1422.5	1421.2	1420.2	1419.2	1418.1	1417.1	1416.6	1415.3
135°	1494.3	1493.3	1492.3	1491.3	1490.3	1489.0	1487.6	1486.3	1485.0	1484.3	1483.3
137.5°	1557.2	1555.5	1553.8	1552.2	1550.5	1549.8	1549.2	1548.5	1547.8	1547.5	1546.2
140°	1614.5	1613.2	1611.8	1610.5	1609.1	1608.1	1607.1	1606.1	1605.1	1604.6	1603.6
142.5°	1668.8	1667.8	1666.8	1665.8	1664.8	1663.8	1662.8	1661.8	1660.8	1660.3	1659.3
145°	1718.6	1717.9	1717.2	1716.6	1715.9	1715.2	1714.6	1713.9	1713.2	1712.9	1711.7
147.5°	1765.2	1764.5	1763.8	1763.2	1762.5	1761.8	1761.2	1760.5	1759.8	1759.5	1758.7
150°	1807.3	1806.6	1805.9	1805.3	1804.6	1803.9	1803.3	1802.6	1801.9	1801.6	1801.1
152.5°	1846.0	1844.7	1843.4	1842.0	1840.7	1840.4	1840.0	1839.7	1839.4	1839.2	1839.0
155°	1880.5	1878.8	1877.1	1875.5	1873.8	1873.5	1873.1	1872.8	1872.5	1872.3	1872.6
157.5°	1911.9	1909.9	1907.9	1905.9	1903.9	1904.2	1904.6	1904.9	1905.2	1905.4	1905.4
160°	1937.5	1935.5	1933.5	1931.5	1929.5	1929.8	1930.2	1930.5	1930.8	1931.0	1931.2
162.5°	1961.3	1959.0	1956.7	1954.3	1952.0	1952.3	1952.7	1953.0	1953.3	1953.5	1954.0
165°	1982.3	1979.6	1976.9	1974.3	1971.6	1971.9	1972.3	1972.6	1972.9	1973.1	1973.6
167.5°	1998.8	1996.1	1993.4	1990.8	1988.1	1988.1	1988.1	1988.1	1988.1	1988.1	1988.8
170°	2012.4	2009.7	2007.0	2004.3	2001.6	2001.6	2001.6	2001.6	2001.6	2001.6	2002.3
172.5°	2021.4	2018.7	2016.0	2013.4	2010.7	2010.4	2010.0	2009.7	2009.4	2009.2	2010.0
175°	2027.5	2025.2	2022.9	2020.5	2018.2	2017.9	2017.5	2017.2	2016.9	2016.7	2017.5
177.5°	2031.9	2029.2	2026.5	2023.9	2021.2	2020.9	2020.5	2020.2	2019.9	2019.7	2020.5
180°	2024.2	2024.2	2024.2	2024.2	2024.2	2024.2	2024.2	2024.2	2024.2	2024.2	2024.2

TEST NUMBER: P1031609

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CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
0°	464.2	464.2	464.2	464.2
2.5°	454.3	455.6	460.1	465.5
5°	445.3	448.9	455.2	463.7
7.5°	435.4	440.8	449.8	460.6
10°	424.2	431.8	443.0	456.5
12.5°	412.0	421.9	436.3	450.2
15°	404.4	414.3	427.3	442.6
17.5°	389.5	401.2	414.7	436.3
20°	374.2	387.3	404.8	426.4
22.5°	362.5	376.5	393.1	416.1
25°	348.6	363.0	381.0	404.8
27.5°	333.7	348.1	368.4	393.6
30°	322.5	336.4	355.8	382.8
32.5°	309.0	322.5	342.7	371.1
35°	293.7	309.0	328.4	357.1
37.5°	282.0	296.0	316.2	343.6
40°	269.4	281.6	301.4	328.4
42.5°	255.9	269.4	286.5	313.5
45°	243.3	253.2	270.8	296.4
47.5°	229.8	241.1	254.6	274.4
50°	215.5	224.9	239.7	253.2
52.5°	201.5	209.2	221.7	232.1
55°	186.7	194.3	203.8	210.1
57.5°	172.7	178.1	184.4	188.5
60°	155.6	161.0	165.1	169.1
62.5°	140.3	144.4	146.6	148.9
65°	124.6	126.8	128.2	130.0
67.5°	107.5	109.8	110.2	112.9
70°	91.8	92.2	93.1	94.5
72.5°	76.9	77.8	77.4	78.3
75°	61.6	62.5	61.6	62.5
77.5°	46.8	47.7	47.7	49.0
80°	33.7	34.2	34.6	34.6
82.5°	22.0	23.4	22.5	22.9
85°	12.6	13.0	13.0	13.5
87.5°	5.8	6.3	5.8	6.7
90°	11.5	8.2	4.8	1.5
92.5°	28.6	30.6	32.6	34.6
95°	50.6	64.3	78.0	91.7
97.5°	138.8	148.2	157.5	166.9
100°	274.2	267.5	260.9	254.2
102.5°	366.5	362.1	357.8	353.4
105°	459.2	455.5	451.9	448.2
107.5°	557.9	554.9	551.9	548.9
110°	657.7	655.0	652.4	649.7

TEST NUMBER: P1031609

CATALOG NUMBER: S123DIW-B340D1535UB27-4F0-XX-W2A-A

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
112.5°	752.9	750.6	748.2	745.9
115°	846.7	844.7	842.7	840.7
117.5°	940.9	938.6	936.2	933.9
120°	1028.7	1025.6	1022.6	1019.6
122.5°	1113.9	1111.5	1109.2	1106.8
125°	1193.1	1190.4	1187.7	1185.0
127.5°	1271.3	1268.6	1265.9	1263.2
130°	1343.5	1340.8	1338.1	1335.4
132.5°	1412.6	1409.9	1407.3	1404.6
135°	1481.3	1479.3	1477.3	1475.3
137.5°	1543.5	1540.8	1538.1	1535.4
140°	1601.6	1599.6	1597.6	1595.6
142.5°	1657.3	1655.2	1653.2	1651.2
145°	1709.4	1707.1	1704.7	1702.4
147.5°	1757.0	1755.3	1753.7	1752.0
150°	1800.1	1799.1	1798.1	1797.1
152.5°	1838.7	1838.4	1838.0	1837.7
155°	1873.3	1874.0	1874.6	1875.3
157.5°	1905.4	1905.4	1905.4	1905.4
160°	1931.5	1931.8	1932.2	1932.5
162.5°	1955.0	1956.0	1957.0	1958.0
165°	1974.6	1975.6	1976.6	1977.6
167.5°	1990.1	1991.4	1992.8	1994.1
170°	2003.6	2005.0	2006.3	2007.7
172.5°	2011.7	2013.4	2015.0	2016.7
175°	2019.2	2020.9	2022.5	2024.2
177.5°	2022.2	2023.9	2025.5	2027.2
180°	2024.2	2024.2	2024.2	2024.2

(END OF REPORT)