

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: STREETWORKS

Report Number: P386141

Luminaire Tested: GAW-SA1D-730-U-SLR

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-2019
Report Number: P386141
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-1903-205-26)
Test Lab: INNOVATION CENTER
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: STREETWORKS
Catalog Number: GAW-SA1D-730-U-SLR
Description: GALLEON WALL LUMINAIRE
(1) 70 CRI, 3000K, 1200mA LIGHTSQUARE WITH 16 LEDS AND SPILL LIGHT
ELIMINATOR RIGHT OPTICS
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 6632 lumens
Efficiency: N/A
Efficacy: 99.0 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification: Type IV - Medium
BUG Rating: B1 - U0 - G2

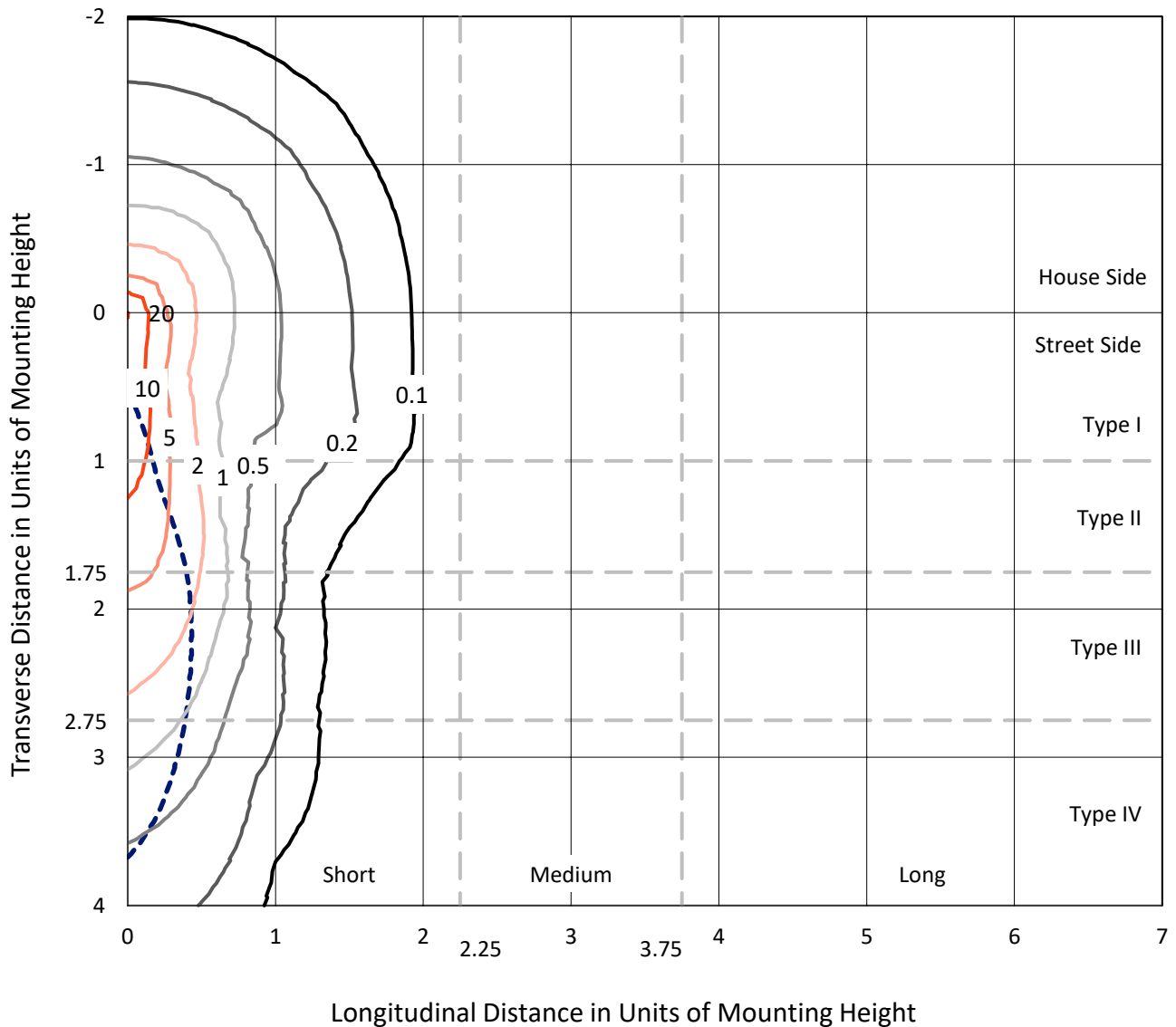
Input Watts (W): 67
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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Iso-Footcandle Lines of Horizontal Illumination

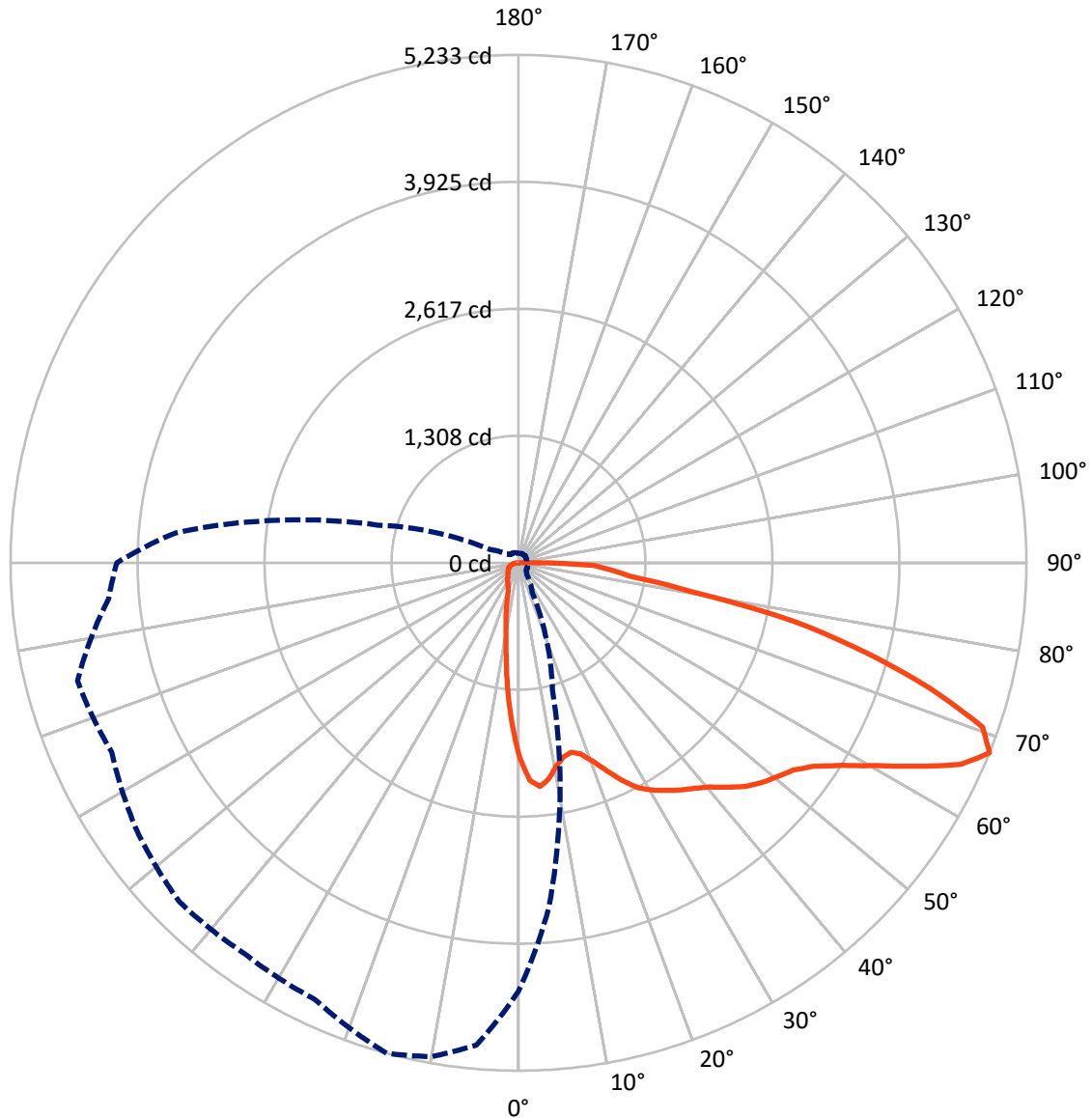
× Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 20.2 fc
 Type IV - Medium - N/A

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Luminous Intensity Polar Plot



— Vertical Plane Through 345-Deg Lateral - - - Horizontal Cone Through 67.5-Deg Vertical

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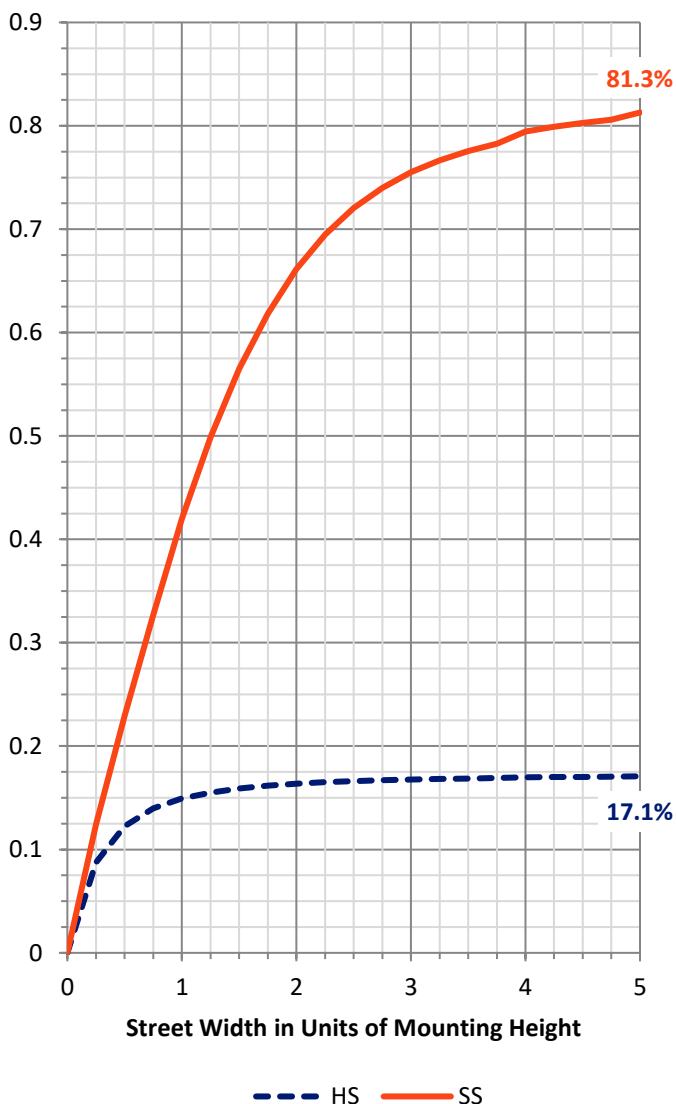
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1146.5	0.0	1146.5
	% Fixture	17.3	0.0	17.3
Street Side	Lumens	5485.5	0.0	5485.5
	% Fixture	82.7	0.0	82.7
Total	Lumens	6632.0	0.0	6632.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	155.9	2.4
10°-20°	323.9	4.9
20°-30°	460.7	6.9
30°-40°	663.9	10.0
40°-50°	935.6	14.1
50°-60°	1300.7	19.6
60°-70°	1572.9	23.7
70°-80°	966.8	14.6
80°-90°	251.6	3.8
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-90°	6632.0	100.0
0°-180°	6632.0	100.0

Coefficient of Utilization

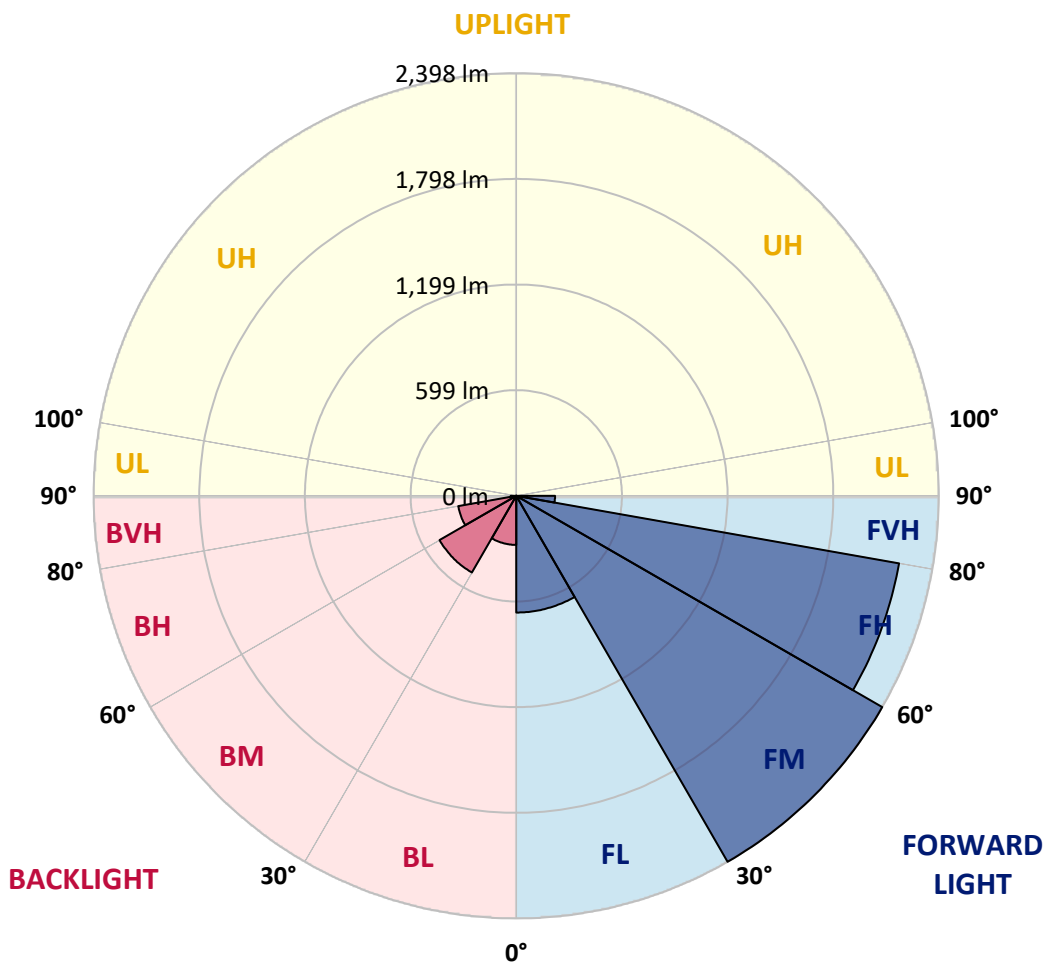


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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	662.2	10.0			
FM (30°-60°)	2397.6	36.2			
FH (60°-80°)	2205.6	33.3			G2/5000
FVH (80°-90°)	220.0	3.3			G2/225
BL (0°-30°)	278.4	4.2	B1/500		
BM (30°-60°)	502.5	7.6	B1/1000		
BH (60°-80°)	334.1	5.0	B1/500		G1/500
BVH (80°-90°)	31.5	0.5			G1/100
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

BUG Rating: B1-U0-G2
 Type IV Medium





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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	2020.5	2020.5	2020.5	2020.5	2020.5	2020.5	2020.5	2020.5	2020.5	2020.5	2020.5
2.5°	2164.5	2145.4	2116.5	2087.6	2066.1	2044.3	2019.7	1995.0	1966.9	1938.6	1921.8
5°	2128.7	2075.6	2006.7	1937.8	1892.1	1846.5	1794.8	1743.1	1692.0	1640.8	1613.2
7.5°	1967.5	1887.9	1798.3	1708.7	1642.4	1575.8	1504.2	1432.4	1368.7	1304.8	1265.3
10°	1808.9	1713.4	1610.6	1507.4	1422.6	1337.7	1265.9	1193.7	1145.7	1097.7	1061.4
12.5°	1695.1	1589.3	1476.1	1362.6	1277.8	1192.9	1147.3	1101.7	1061.9	1022.2	980.3
15°	1650.1	1530.5	1414.6	1298.5	1221.3	1144.1	1093.5	1042.6	989.3	935.7	884.3
17.5°	1689.8	1549.8	1423.9	1297.9	1196.9	1095.9	1025.1	954.0	883.8	813.5	753.8
20°	1813.9	1635.2	1470.6	1305.6	1171.2	1036.8	941.8	846.6	756.5	666.3	598.7
22.5°	1988.1	1751.6	1536.6	1321.5	1147.9	973.9	854.9	735.5	628.9	522.4	456.1
25°	2199.7	1905.9	1631.8	1357.3	1138.3	919.0	772.7	626.3	513.9	401.2	354.0
27.5°	2422.7	2090.0	1750.0	1409.8	1139.9	870.0	703.5	536.7	435.4	334.1	301.7
30°	2608.6	2300.2	1887.9	1475.3	1146.0	816.7	638.2	459.8	376.3	292.7	271.8
32.5°	2778.6	2446.9	1991.8	1536.6	1152.9	769.0	587.8	406.5	338.3	269.9	252.7
35°	2954.1	2577.0	2064.5	1551.7	1141.0	730.0	553.4	376.8	313.9	250.8	236.3
37.5°	3147.4	2717.8	2134.5	1550.9	1120.8	690.7	526.6	362.2	298.0	233.6	223.0
40°	3363.0	2873.5	2210.3	1547.2	1102.5	657.6	506.7	355.6	289.3	222.7	213.7
42.5°	3573.8	3022.0	2280.9	1539.8	1087.7	635.3	487.1	338.9	281.3	223.5	210.8
45°	3732.1	3151.6	2342.1	1532.3	1076.5	620.7	471.7	322.7	273.9	225.1	208.9
47.5°	3852.2	3281.8	2410.0	1537.9	1075.5	613.0	460.8	308.6	259.9	210.8	204.2
50°	4004.9	3438.3	2508.9	1579.5	1090.1	600.6	448.1	295.4	246.3	197.3	206.3
52.5°	4195.0	3661.5	2662.2	1662.5	1120.5	578.6	428.0	277.4	229.9	182.2	196.2
55°	4474.2	3947.6	2858.1	1768.3	1157.4	546.2	397.5	248.5	208.1	167.6	180.0
57.5°	4724.8	4236.7	3046.1	1855.3	1180.5	505.4	359.0	212.7	183.8	154.9	162.0
60°	4836.4	4385.7	3134.1	1882.3	1166.7	451.0	315.8	180.3	162.3	144.2	142.9
62.5°	4793.0	4291.0	3047.4	1803.9	1099.3	394.8	277.6	160.4	146.9	133.1	130.2
65°	4665.7	3993.5	2804.5	1615.6	985.6	355.6	253.5	151.4	136.3	121.2	118.0
67.5°	4414.8	3570.1	2460.4	1350.7	841.1	331.4	239.7	148.0	129.7	111.1	107.4
70°	3964.6	3060.4	2064.0	1067.3	692.1	316.6	230.7	144.8	122.5	100.0	96.5
72.5°	3256.4	2453.7	1648.2	842.4	578.6	314.7	229.6	144.5	116.7	88.8	85.6
75°	2331.5	1863.8	1258.2	652.3	473.8	295.4	218.0	140.5	108.7	76.6	73.7
77.5°	1568.9	1290.0	874.5	458.7	351.6	244.5	183.2	122.0	93.1	64.2	61.3
80°	1007.6	892.8	586.0	279.2	228.0	176.9	131.0	85.1	67.9	50.4	48.0
82.5°	739.3	664.5	407.3	150.1	126.7	103.1	80.1	57.0	46.4	35.8	34.7
85°	469.9	518.1	299.9	81.7	66.8	52.0	43.0	33.9	26.8	19.6	19.6
87.5°	91.2	126.2	83.0	39.5	28.9	18.3	15.6	12.7	7.2	1.3	1.6
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	2020.5	2020.5	2020.5	2020.5	2020.5	2020.5	2020.5	2020.5	2020.5	2020.5	2020.5
2.5°	1904.9	1886.6	1868.3	1847.6	1826.7	1807.3	1787.7	1766.2	1770.2	1753.7	1737.3
5°	1585.6	1556.5	1527.0	1501.6	1476.1	1454.1	1431.8	1412.0	1429.2	1417.5	1405.9
7.5°	1225.5	1189.5	1153.2	1122.7	1092.2	1068.6	1044.7	1028.3	1045.2	1043.1	1041.0
10°	1025.1	990.1	954.8	921.2	887.5	858.8	829.9	805.5	801.3	789.1	776.6
12.5°	938.1	890.1	841.9	806.6	771.3	737.1	702.9	674.3	661.3	641.1	620.7
15°	832.9	776.1	719.4	679.3	639.0	605.9	572.5	547.8	539.6	523.9	508.3
17.5°	694.2	632.1	570.1	529.5	488.7	462.2	435.4	418.9	418.9	414.4	409.9
20°	531.1	475.7	420.3	389.2	358.2	344.2	329.9	323.0	325.1	325.3	325.3
22.5°	389.5	355.6	321.6	309.2	296.4	291.4	286.4	283.5	284.5	284.8	285.0
25°	306.8	293.8	280.5	274.2	267.5	264.4	261.2	260.1	262.5	262.8	262.8
27.5°	269.4	261.4	253.2	249.2	245.0	243.7	242.4	240.5	242.9	242.9	242.6
30°	250.6	242.1	233.6	228.6	223.5	224.1	224.3	223.8	225.4	226.4	227.2
32.5°	235.2	227.0	218.8	213.7	208.4	207.6	206.8	206.3	209.7	211.6	213.5
35°	221.4	212.4	203.4	198.6	193.8	192.0	190.1	188.8	192.0	194.4	196.7
37.5°	212.1	202.8	193.3	188.8	184.0	181.6	179.2	177.7	179.0	180.0	181.1
40°	204.7	195.2	185.3	180.0	174.7	172.4	170.0	168.6	169.4	169.7	170.0
42.5°	197.8	188.5	179.2	173.4	167.3	164.4	161.5	159.9	160.4	160.9	161.2
45°	192.8	183.5	173.9	167.0	159.9	156.7	153.5	151.7	151.9	151.9	151.9
47.5°	197.5	184.0	170.2	162.3	154.1	150.3	146.6	144.8	144.2	143.7	143.2
50°	215.0	192.0	168.6	158.6	148.2	144.2	140.0	137.9	136.6	136.0	135.5
52.5°	210.0	190.1	170.0	157.0	143.7	138.9	134.2	130.7	129.4	128.6	127.8
55°	192.2	179.8	167.0	151.4	135.8	131.5	127.0	124.6	122.2	121.7	121.2
57.5°	168.9	163.9	158.8	142.9	127.0	123.0	118.8	117.2	115.1	115.1	114.8
60°	141.3	148.8	156.2	137.9	119.3	114.8	110.3	109.0	108.2	107.9	107.7
62.5°	127.0	139.2	151.1	131.8	112.2	107.4	102.6	101.0	100.8	101.0	101.0
65°	114.8	118.5	122.2	113.2	104.2	99.4	94.4	92.8	93.3	94.1	94.9
67.5°	103.7	102.9	102.1	98.9	95.5	91.5	87.2	85.6	85.9	87.0	88.0
70°	93.1	92.0	90.7	88.3	85.9	82.5	79.0	78.0	77.7	79.0	80.1
72.5°	82.5	81.1	79.5	77.7	75.6	72.7	69.7	68.9	69.2	70.0	70.8
75°	70.8	69.7	68.4	66.8	65.0	62.3	59.7	59.1	59.7	60.5	61.3
77.5°	58.1	57.8	57.3	55.9	54.6	51.7	48.5	48.3	49.1	49.8	50.4
80°	45.3	45.6	45.9	44.8	43.8	40.6	37.1	36.9	37.7	38.4	39.2
82.5°	33.4	34.2	34.7	33.4	32.1	28.4	24.7	24.1	26.8	27.6	28.4
85°	19.4	20.4	21.5	20.4	19.4	15.6	11.9	11.7	14.1	15.4	16.7
87.5°	1.6	2.1	2.7	2.4	2.1	1.1	0.0	0.0	0.3	1.3	2.4
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	2020.5	2020.5	2020.5	2020.5	2020.5	2020.5	2020.5	2020.5	2020.5	2020.5	2020.5
2.5°	1727.0	1716.6	1713.4	1710.3	1698.6	1686.7	1698.9	1710.8	1715.8	1720.9	1707.9
5°	1404.3	1402.4	1402.4	1402.1	1391.5	1380.7	1388.9	1396.8	1379.1	1361.3	1359.5
7.5°	1052.4	1063.8	1073.1	1082.1	1078.7	1075.2	1082.9	1090.6	1068.0	1045.2	1034.1
10°	779.3	781.7	791.8	801.8	804.2	806.3	815.9	825.2	807.7	790.2	782.5
12.5°	608.0	595.3	596.6	597.7	602.4	606.9	617.0	626.8	619.7	612.2	613.0
15°	492.4	476.2	469.6	462.7	468.0	473.3	480.5	487.4	487.6	487.6	494.5
17.5°	402.0	393.8	387.1	380.2	387.4	394.3	395.1	395.9	396.1	396.4	395.9
20°	329.3	333.3	331.2	329.1	331.7	334.1	336.2	338.1	335.7	333.0	326.4
22.5°	288.8	292.2	294.9	297.2	301.7	306.0	303.9	301.5	296.7	291.7	286.6
25°	265.2	267.5	270.2	272.8	276.6	280.0	276.3	272.6	269.1	265.7	262.2
27.5°	245.3	247.7	250.0	252.2	255.6	258.8	255.3	251.9	249.0	246.1	243.4
30°	229.1	230.7	232.5	234.4	237.6	240.5	237.6	234.4	232.3	229.9	228.0
32.5°	215.3	216.9	217.7	218.5	221.4	224.3	222.2	220.1	218.2	216.4	215.0
35°	200.2	203.4	203.9	204.4	207.4	210.3	208.9	207.4	205.2	203.1	200.7
37.5°	184.8	188.5	190.6	192.5	195.4	198.3	197.0	195.7	192.8	189.9	185.6
40°	171.8	173.4	177.4	181.1	185.9	190.4	187.7	184.8	180.3	175.8	173.7
42.5°	160.9	160.7	164.4	168.1	175.3	182.2	177.4	172.6	168.4	164.1	163.6
45°	151.4	150.6	152.5	154.3	162.0	169.4	164.7	159.6	157.2	154.9	154.9
47.5°	142.9	142.4	143.7	144.8	149.5	154.1	151.7	149.3	148.0	146.6	146.9
50°	135.2	134.7	136.0	137.1	138.9	140.5	141.1	141.3	140.5	139.7	140.3
52.5°	128.1	128.1	128.6	128.9	131.3	133.6	133.6	133.4	133.4	133.4	133.9
55°	122.0	122.5	122.5	122.5	126.2	129.7	128.6	127.5	127.8	127.8	128.3
57.5°	115.9	116.7	117.2	117.7	121.4	125.2	124.1	123.0	123.0	123.0	123.3
60°	109.0	110.0	111.1	112.2	115.9	119.6	118.5	117.2	117.5	117.7	118.0
62.5°	102.4	103.4	104.5	105.5	109.2	113.0	111.9	110.6	111.4	111.9	111.9
65°	96.0	96.8	97.8	98.9	102.4	105.8	104.7	103.7	104.7	105.5	106.1
67.5°	88.8	89.4	90.4	91.5	94.9	98.4	97.3	96.0	97.3	98.4	99.4
70°	80.6	81.1	82.5	83.5	87.0	90.4	89.1	87.8	89.1	90.4	91.5
72.5°	71.6	72.1	73.4	74.5	78.5	82.5	80.9	79.3	80.9	82.5	83.0
75°	61.8	62.3	63.9	65.2	69.2	73.2	71.9	70.3	71.6	72.9	73.2
77.5°	51.2	52.0	54.1	56.2	59.4	62.6	61.8	61.0	61.8	62.6	62.6
80°	40.0	40.8	43.5	45.9	47.7	49.6	49.8	50.1	50.4	50.6	50.4
82.5°	29.7	30.8	33.1	35.5	35.5	35.5	37.7	39.5	39.5	39.2	39.0
85°	18.3	19.6	21.7	23.9	22.5	21.2	24.7	27.8	27.8	27.6	27.0
87.5°	3.7	5.0	7.2	9.0	7.7	6.4	9.8	13.3	13.5	13.5	13.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	2020.5	2020.5	2020.5	2020.5	2020.5	2020.5	2020.5	2020.5	2020.5	2020.5	2020.5
2.5°	1694.6	1715.3	1735.7	1741.0	1749.0	1752.4	1755.6	1781.6	1807.3	1837.5	1867.8
5°	1357.3	1372.7	1388.1	1390.5	1398.7	1402.9	1407.2	1438.7	1470.0	1512.2	1554.3
7.5°	1023.0	1026.7	1030.4	1029.9	1036.8	1046.0	1055.1	1088.7	1122.1	1167.5	1212.6
10°	774.8	783.3	791.5	799.2	814.3	831.8	849.0	883.5	918.0	962.8	1007.3
12.5°	613.8	623.6	633.2	641.7	659.2	682.5	705.6	746.9	788.3	841.9	895.2
15°	501.1	500.3	499.6	505.4	520.8	546.2	571.4	615.2	658.9	717.8	776.4
17.5°	395.3	391.4	387.4	391.9	406.2	427.2	447.8	485.0	521.8	578.8	635.8
20°	319.8	317.1	314.5	318.7	327.7	336.5	345.2	372.0	398.5	444.9	491.1
22.5°	281.3	281.1	280.5	282.9	287.2	291.7	295.9	308.9	321.6	351.6	381.3
25°	258.8	258.5	258.3	259.3	262.8	266.2	269.7	278.1	286.6	301.0	315.3
27.5°	240.8	240.2	239.7	240.0	240.8	246.1	251.1	255.1	258.8	268.6	278.1
30°	226.2	225.9	225.6	225.6	224.9	226.7	228.6	234.7	240.5	250.6	260.6
32.5°	213.7	212.4	211.1	208.1	206.3	208.9	211.6	218.0	224.3	233.6	242.9
35°	198.1	194.6	190.9	189.3	189.6	192.2	194.9	201.3	207.4	217.4	227.2
37.5°	181.1	180.0	178.7	178.4	179.2	181.9	184.5	190.1	195.4	205.5	215.3
40°	171.6	171.0	170.5	170.0	170.5	173.1	175.8	181.1	186.1	195.9	205.5
42.5°	163.1	162.8	162.5	162.5	162.8	165.7	168.6	173.9	179.0	187.7	196.5
45°	154.9	155.1	155.1	155.6	156.4	159.4	162.0	167.8	173.7	182.2	190.6
47.5°	147.2	148.0	148.5	149.8	150.6	153.8	156.7	163.1	169.4	180.0	190.4
50°	140.5	141.3	141.9	142.9	145.0	148.8	152.5	160.2	167.6	185.3	202.8
52.5°	134.4	135.2	136.0	137.1	139.7	144.0	148.2	157.8	167.0	187.7	208.4
55°	128.9	129.7	130.2	131.8	134.4	138.1	141.6	153.3	164.9	180.0	195.2
57.5°	123.6	124.4	124.9	125.9	127.3	131.3	135.0	147.4	159.9	170.5	180.8
60°	118.0	118.5	118.8	118.8	119.9	124.4	128.9	144.8	160.4	158.6	156.4
62.5°	111.9	112.4	112.7	111.9	113.2	118.0	122.8	143.4	164.1	151.4	138.7
65°	106.3	106.1	105.8	105.0	106.6	111.4	115.9	126.2	136.6	131.5	126.5
67.5°	100.2	99.4	98.6	97.6	99.2	103.4	107.4	110.8	114.3	114.8	115.3
70°	92.5	91.5	90.4	90.2	90.9	94.4	97.8	100.2	102.4	103.4	104.2
72.5°	83.5	82.7	81.9	81.4	81.7	84.6	87.2	89.4	91.5	92.3	92.8
75°	73.4	73.4	73.2	71.6	71.6	74.0	76.1	78.0	79.8	80.9	81.9
77.5°	62.6	62.8	62.8	60.7	60.5	62.8	65.0	66.6	67.9	68.9	69.7
80°	50.1	49.6	49.1	47.7	47.2	50.1	52.8	54.1	55.2	55.4	55.4
82.5°	38.4	37.4	36.1	33.1	33.4	36.6	39.5	40.6	41.6	41.6	41.6
85°	26.3	24.1	21.7	19.4	19.6	23.1	26.3	27.3	28.4	28.9	29.2
87.5°	12.5	10.3	8.0	6.1	6.1	9.0	11.7	12.2	12.7	13.8	14.8
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P386141
 CATALOG NUMBER: GAW-SA1D-730-U-SLR

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	2020.5	2020.5	2020.5	2020.5	2020.5	2020.5	2020.5	2020.5	2020.5	2020.5	2020.5
2.5°	1890.8	1913.6	1937.2	1960.8	1987.9	2014.9	2046.5	2077.8	2104.5	2131.3	2153.6
5°	1590.7	1627.0	1669.7	1712.4	1766.7	1821.1	1887.6	1953.9	2013.1	2072.2	2140.9
7.5°	1260.0	1307.2	1362.9	1418.6	1488.8	1559.1	1645.3	1731.5	1815.0	1898.2	2003.8
10°	1056.9	1106.5	1161.4	1216.0	1287.6	1358.9	1450.1	1541.1	1634.9	1728.5	1847.9
12.5°	950.3	1005.2	1053.5	1101.7	1159.8	1217.6	1305.9	1394.2	1504.5	1614.5	1729.3
15°	836.6	896.5	954.3	1012.1	1075.5	1138.6	1224.5	1310.4	1431.0	1551.7	1683.7
17.5°	698.9	762.1	832.6	902.9	985.6	1068.0	1178.1	1288.1	1431.0	1573.7	1729.3
20°	555.5	619.9	704.3	788.6	891.5	994.1	1136.7	1279.4	1471.9	1664.1	1862.7
22.5°	438.3	495.0	587.1	678.8	797.6	916.4	1099.3	1282.0	1533.7	1785.0	2053.1
25°	355.3	395.3	485.8	575.9	713.0	850.1	1076.5	1302.7	1623.5	1944.1	2276.6
27.5°	304.4	330.6	415.0	499.0	648.8	798.4	1067.3	1335.9	1737.6	2139.3	2519.8
30°	278.9	297.2	368.6	439.6	591.8	744.0	1056.1	1368.2	1847.3	2326.2	2709.9
32.5°	257.7	272.3	333.3	394.0	542.5	691.0	1034.6	1378.0	1924.0	2469.9	2870.8
35°	239.7	251.9	304.9	358.0	503.8	649.6	998.6	1347.5	1972.0	2596.4	3038.4
37.5°	225.1	234.7	283.7	332.8	470.4	608.0	957.5	1307.0	2014.7	2722.4	3226.9
40°	213.7	221.9	267.8	313.7	438.6	563.5	922.2	1280.7	2073.5	2866.3	3426.1
42.5°	207.4	218.0	254.0	289.8	408.3	526.9	893.8	1260.8	2128.1	2995.2	3600.3
45°	205.8	220.9	246.9	272.8	385.8	498.8	868.6	1238.3	2163.4	3088.5	3731.5
47.5°	203.1	215.6	241.3	267.0	374.7	482.1	855.1	1227.9	2198.7	3169.1	3840.5
50°	204.7	206.3	236.8	267.0	373.1	479.1	870.5	1261.9	2275.0	3287.9	3965.1
52.5°	201.8	194.9	228.3	261.7	372.8	483.9	914.8	1345.7	2416.9	3487.9	4100.1
55°	186.4	177.4	212.4	247.4	367.2	486.8	967.6	1448.0	2607.3	3766.3	4342.7
57.5°	172.9	164.7	194.4	223.8	350.3	476.7	1021.9	1566.8	2808.5	4050.0	4616.1
60°	154.9	153.0	174.2	195.4	324.0	452.4	1066.7	1680.8	2943.8	4206.4	4721.4
62.5°	140.0	141.1	156.7	172.4	291.1	409.7	1081.6	1753.2	2940.0	4126.9	4615.3
65°	128.6	130.5	145.8	161.2	263.0	364.9	1032.8	1700.4	2791.3	3881.9	4405.6
67.5°	117.5	119.6	137.9	155.9	238.1	320.0	910.8	1501.3	2523.7	3545.9	4138.8
70°	106.9	109.5	129.4	149.3	220.1	290.6	753.6	1216.5	2188.9	3160.9	3829.9
72.5°	95.5	98.1	119.3	140.5	208.7	276.6	614.4	951.9	1776.3	2600.4	3276.0
75°	83.8	85.6	108.7	131.5	193.0	254.5	482.1	709.3	1359.5	2009.6	2474.4
77.5°	72.1	74.5	93.9	113.0	163.9	214.5	363.3	512.0	997.5	1482.7	1720.9
80°	57.5	59.7	73.4	87.0	126.5	165.7	249.8	333.8	686.5	1039.1	1173.3
82.5°	44.0	46.4	55.7	64.7	90.2	115.6	151.4	187.2	456.1	724.7	735.8
85°	30.2	31.0	37.7	44.0	55.7	67.3	86.7	106.1	301.7	497.4	414.4
87.5°	15.1	15.1	19.6	24.1	30.0	35.8	45.9	55.7	96.5	137.4	79.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P386141
 CATALOG NUMBER: GAW-SA1D-730-U-SLR

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P386141

CATALOG NUMBER: GAW-SA1D-730-U-SLR

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	2020.5	2020.5	2020.5	2020.5	2020.5	2020.5	2020.5	2020.5	2020.5	2020.5	2020.5
2.5°	2182.0	2201.3	2220.9	2235.8	2250.9	2272.6	2294.4	2298.4	2302.6	2294.1	2285.6
5°	2210.1	2268.7	2327.5	2381.9	2436.2	2468.9	2501.5	2508.1	2514.7	2494.3	2473.6
7.5°	2105.9	2207.9	2310.0	2403.6	2497.2	2554.0	2611.0	2623.7	2636.7	2603.3	2569.9
10°	1966.7	2092.1	2217.5	2340.8	2464.1	2546.6	2629.0	2645.5	2661.9	2620.3	2578.6
12.5°	1859.0	1992.9	2126.8	2256.7	2386.9	2472.3	2557.7	2578.1	2598.5	2568.3	2537.8
15°	1825.9	1951.8	2077.8	2191.0	2304.5	2374.2	2444.2	2452.4	2460.9	2456.1	2451.4
17.5°	1886.1	1999.8	2113.8	2175.3	2237.1	2265.0	2293.1	2302.1	2311.4	2323.3	2335.5
20°	2031.9	2112.0	2192.3	2189.7	2186.7	2173.2	2159.4	2157.0	2154.7	2188.9	2223.3
22.5°	2249.6	2281.4	2313.5	2239.0	2164.5	2119.1	2073.5	2064.5	2055.2	2091.5	2128.1
25°	2485.8	2480.0	2473.9	2332.0	2189.9	2103.5	2017.0	2007.0	1996.9	2027.9	2059.2
27.5°	2719.7	2681.5	2643.3	2450.6	2257.8	2132.4	2007.0	1996.9	1986.8	2014.4	2042.0
30°	2891.3	2830.0	2768.8	2550.5	2332.3	2183.3	2034.3	2017.8	2001.1	2035.1	2069.0
32.5°	3025.2	2943.0	2860.8	2631.7	2402.6	2241.4	2080.1	2054.4	2028.7	2074.0	2119.4
35°	3158.8	3043.2	2927.3	2704.1	2480.5	2310.0	2139.3	2107.7	2076.2	2138.5	2200.8
37.5°	3326.9	3160.9	2994.7	2785.5	2576.3	2412.9	2249.3	2217.0	2184.6	2263.9	2343.4
40°	3509.3	3287.9	3066.5	2874.6	2682.6	2555.3	2427.8	2397.0	2366.0	2462.5	2559.0
42.5°	3661.0	3406.2	3151.4	2981.9	2812.2	2722.6	2632.7	2632.5	2631.9	2729.8	2827.6
45°	3784.3	3504.8	3225.1	3086.7	2948.0	2901.3	2854.7	2892.1	2929.4	3017.7	3106.3
47.5°	3876.3	3587.6	3298.5	3206.5	3114.5	3121.4	3128.3	3204.4	3280.5	3337.2	3394.3
50°	3936.2	3662.6	3388.7	3360.3	3331.9	3393.7	3455.8	3543.0	3630.5	3669.2	3707.9
52.5°	4023.5	3764.4	3505.1	3536.9	3568.7	3694.9	3821.2	3909.5	3997.7	4012.1	4026.7
55°	4225.3	3951.6	3677.7	3738.7	3799.9	3985.0	4170.4	4239.3	4308.2	4313.5	4318.9
57.5°	4511.9	4213.9	3915.8	3981.6	4047.3	4261.0	4475.0	4549.3	4623.8	4613.4	4602.8
60°	4726.4	4462.8	4199.0	4265.3	4331.6	4540.0	4748.4	4833.8	4919.4	4896.6	4873.8
62.5°	4739.7	4598.9	4457.8	4517.7	4577.9	4782.1	4986.2	5074.0	5161.8	5122.0	5082.2
65°	4528.9	4592.0	4655.1	4675.0	4694.8	4885.2	5075.9	5143.0	5210.3	5190.2	5170.0
67.5°	4238.5	4471.1	4703.9	4663.8	4623.8	4713.1	4802.5	4871.7	4940.9	4929.5	4917.8
70°	3948.7	4259.2	4569.7	4372.9	4175.9	4139.1	4102.2	4176.7	4251.5	4205.4	4159.0
72.5°	3455.2	3786.2	4117.3	3754.9	3392.4	3266.5	3140.5	3235.2	3329.8	3256.4	3182.7
75°	2712.3	3077.9	3443.8	3011.4	2578.9	2410.8	2242.7	2324.1	2405.5	2355.1	2304.5
77.5°	2019.2	2379.5	2739.9	2300.2	1860.3	1735.4	1610.3	1634.4	1658.8	1650.3	1641.6
80°	1369.5	1620.6	1872.0	1579.3	1286.5	1296.1	1305.9	1294.5	1282.8	1299.8	1316.8
82.5°	874.0	1067.8	1261.9	1106.5	951.1	1040.2	1129.3	1085.5	1041.5	1057.7	1074.1
85°	498.8	688.3	878.2	818.5	758.6	810.6	862.8	794.9	727.1	756.8	786.7
87.5°	131.5	380.8	630.3	572.2	514.1	446.8	379.4	289.5	199.7	291.7	383.7
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P386141
 CATALOG NUMBER: GAW-SA1D-730-U-SLR

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	2020.5	2020.5	2020.5	2020.5	2020.5	2020.5	2020.5
2.5°	2281.1	2276.6	2260.5	2244.0	2219.6	2199.5	2164.5
5°	2445.0	2416.4	2367.0	2317.5	2262.3	2198.9	2128.7
7.5°	2503.1	2436.0	2341.3	2246.4	2161.0	2060.8	1967.5
10°	2478.4	2377.9	2254.9	2131.6	2027.9	1912.6	1808.9
12.5°	2431.2	2324.4	2188.9	2053.1	1935.1	1811.3	1695.1
15°	2366.2	2280.9	2153.9	2026.8	1908.1	1787.7	1650.1
17.5°	2295.2	2254.6	2162.9	2070.9	1968.0	1851.3	1689.8
20°	2237.9	2252.8	2216.2	2179.6	2097.1	1995.3	1813.9
22.5°	2199.2	2270.5	2298.6	2327.0	2277.4	2197.9	1988.1
25°	2177.5	2295.7	2389.8	2484.2	2462.2	2401.0	2199.7
27.5°	2187.0	2332.0	2478.1	2624.5	2644.9	2628.0	2422.7
30°	2215.6	2362.5	2540.5	2718.6	2800.0	2822.8	2608.6
32.5°	2263.4	2407.3	2601.2	2795.3	2918.3	2991.0	2778.6
35°	2335.5	2470.2	2672.2	2874.3	3033.4	3166.0	2954.1
37.5°	2459.3	2575.2	2761.6	2948.3	3154.6	3353.7	3147.4
40°	2640.7	2722.6	2880.1	3037.9	3297.5	3566.3	3363.0
42.5°	2869.5	2911.7	3036.6	3161.4	3446.8	3759.4	3573.8
45°	3117.4	3128.6	3207.1	3285.8	3565.0	3890.9	3732.1
47.5°	3356.1	3317.9	3349.2	3380.5	3655.7	3984.8	3852.2
50°	3601.6	3495.3	3478.8	3462.4	3746.4	4095.3	4004.9
52.5°	3851.4	3676.1	3611.2	3545.9	3854.6	4242.0	4195.0
55°	4095.9	3872.9	3785.4	3697.9	4020.0	4420.9	4474.2
57.5°	4350.1	4097.4	4016.3	3935.2	4263.2	4647.6	4724.8
60°	4623.8	4373.5	4308.5	4243.3	4565.4	4892.6	4836.4
62.5°	4883.4	4684.5	4650.3	4615.8	4871.2	5080.9	4793.0
65°	5056.8	4943.3	4975.1	5007.2	5102.4	5127.8	4665.7
67.5°	4940.9	4964.0	5098.4	5233.1	5167.6	4988.4	4414.8
70°	4297.1	4435.5	4754.0	5072.7	4927.4	4614.8	3964.6
72.5°	3338.0	3493.7	3966.5	4439.5	4305.6	3922.7	3256.4
75°	2480.0	2655.8	3177.6	3699.4	3513.6	2934.2	2331.5
77.5°	1759.3	1877.0	2392.2	2907.7	2604.6	1953.1	1568.9
80°	1280.7	1244.6	1531.8	1819.0	1768.6	1291.8	1007.6
82.5°	986.1	898.1	1033.3	1168.5	1161.1	896.5	739.3
85°	751.5	716.2	835.8	955.4	853.0	607.2	469.9
87.5°	438.0	492.7	633.5	774.5	581.2	184.3	91.2
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)