

Scaled data based on original data using
LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Test Report Prepared for
Cooper Lighting Solutions
(formerly Eaton)

Brand: STREETWORKS

Report Number: P383621

Luminaire Tested: **GAN-SA9A-735-U-SLR**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P383621
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 (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: GAN-SA9A-735-U-SLR
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(9) 70 CRI, 3500K, 615mA LIGHTSQUARES WITH 16 LEDS EACH AND SPILL LIGHT
ELIMINATOR RIGHT OPTICS
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 34106.8 lumens
Efficiency: N/A
Efficacy: 117.6 lumens/watt
Luminous Opening: Rectangular (W 2.5' x L: 1' x H: 0')
IES Classification: Type IV - Medium
BUG Rating: B3 - U0 - G5

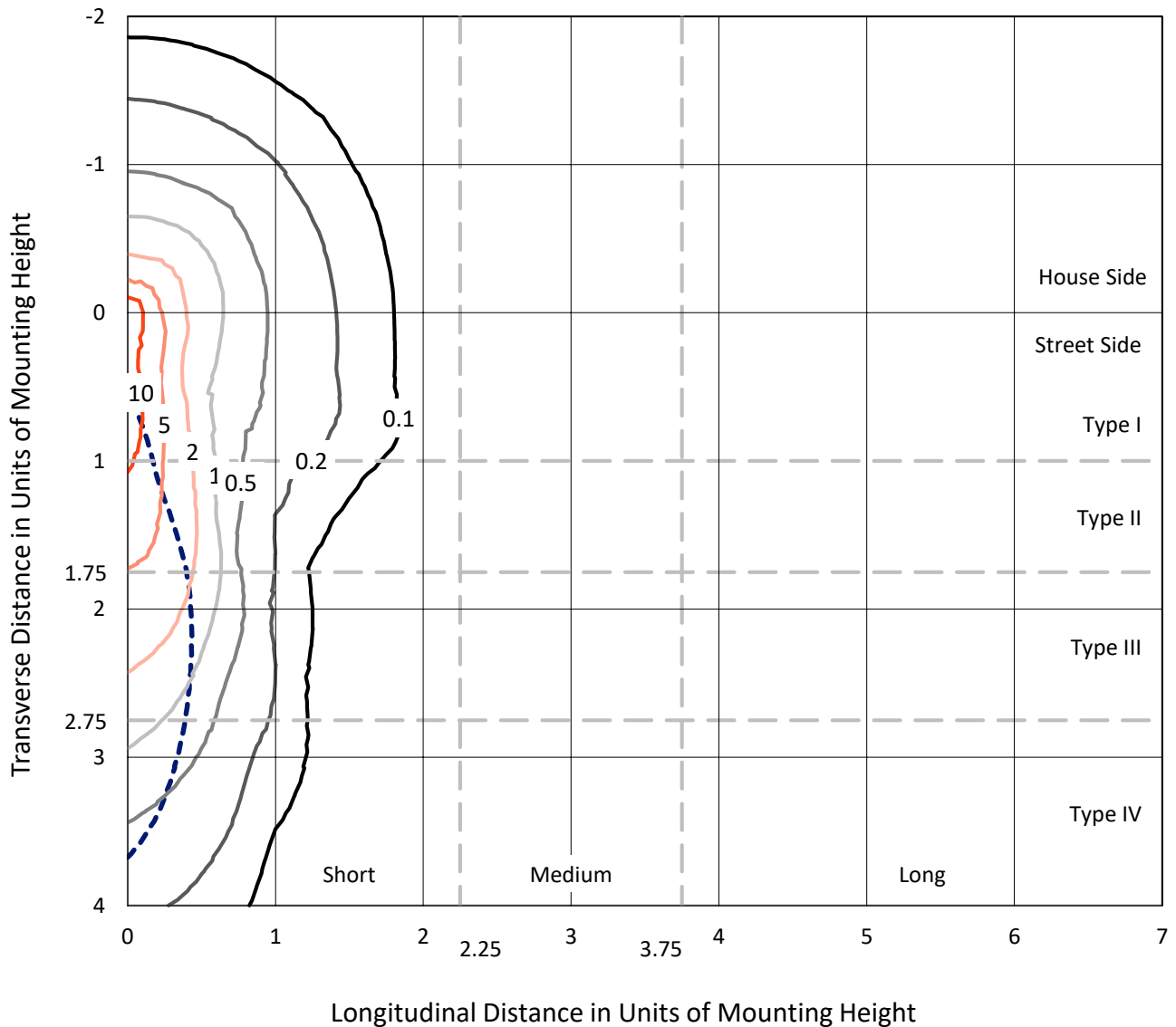
Input Watts (W): 290
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

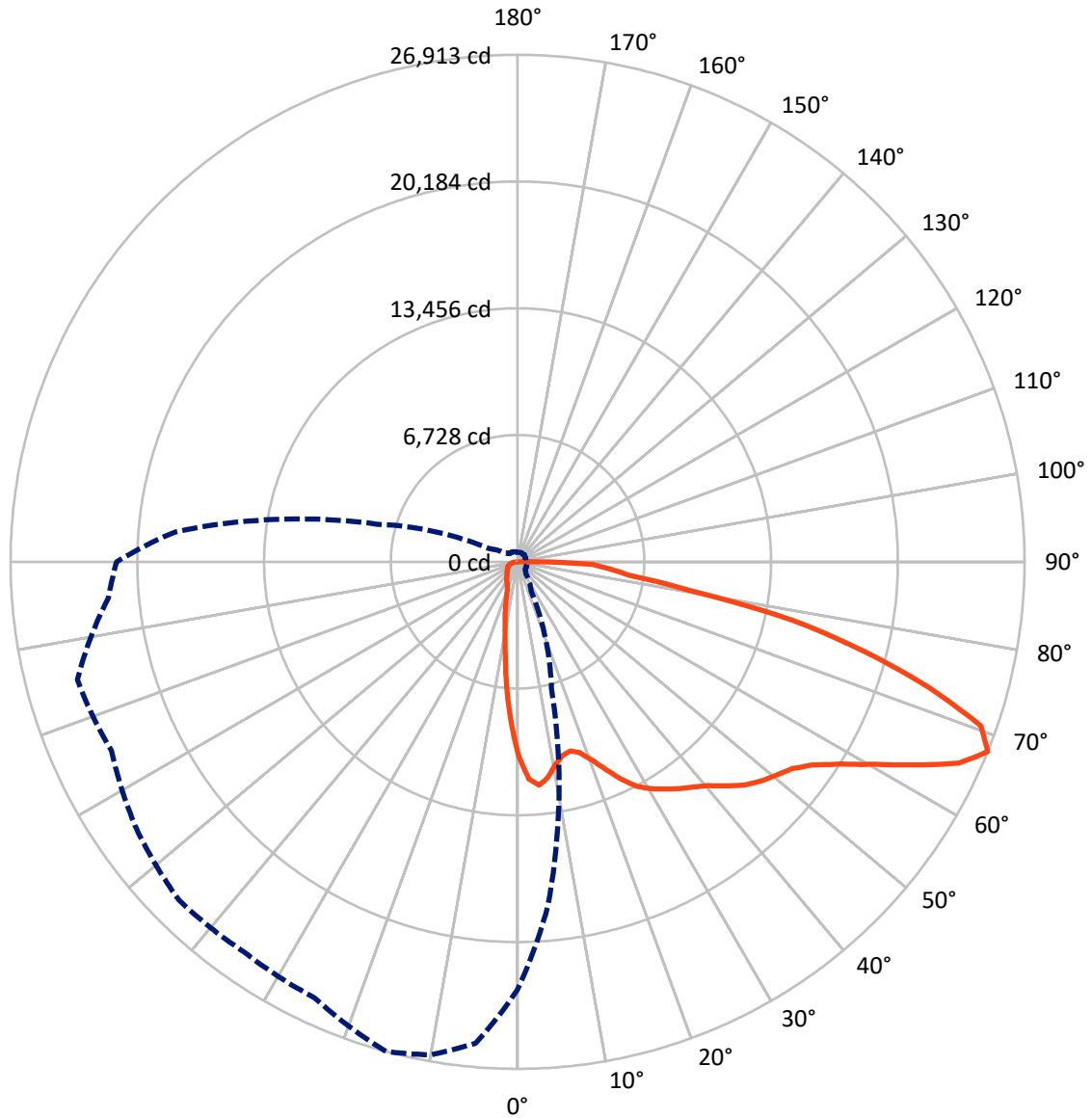
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 16.6 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	5896.3	0.0	5896.3
	% Fixture	17.3	0.0	17.3
Street Side	Lumens	28210.4	0.0	28210.4
	% Fixture	82.7	0.0	82.7
Total	Lumens	34106.8	0.0	34106.8
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	801.9	2.4
10°-20°	1665.9	4.9
20°-30°	2369.3	6.9
30°-40°	3414.2	10.0
40°-50°	4811.6	14.1
50°-60°	6688.9	19.6
60°-70°	8088.9	23.7
70°-80°	4972.1	14.6
80°-90°	1293.8	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°	34106.8	100.0
0°-180°	34106.8	100.0

Coefficient of Utilization

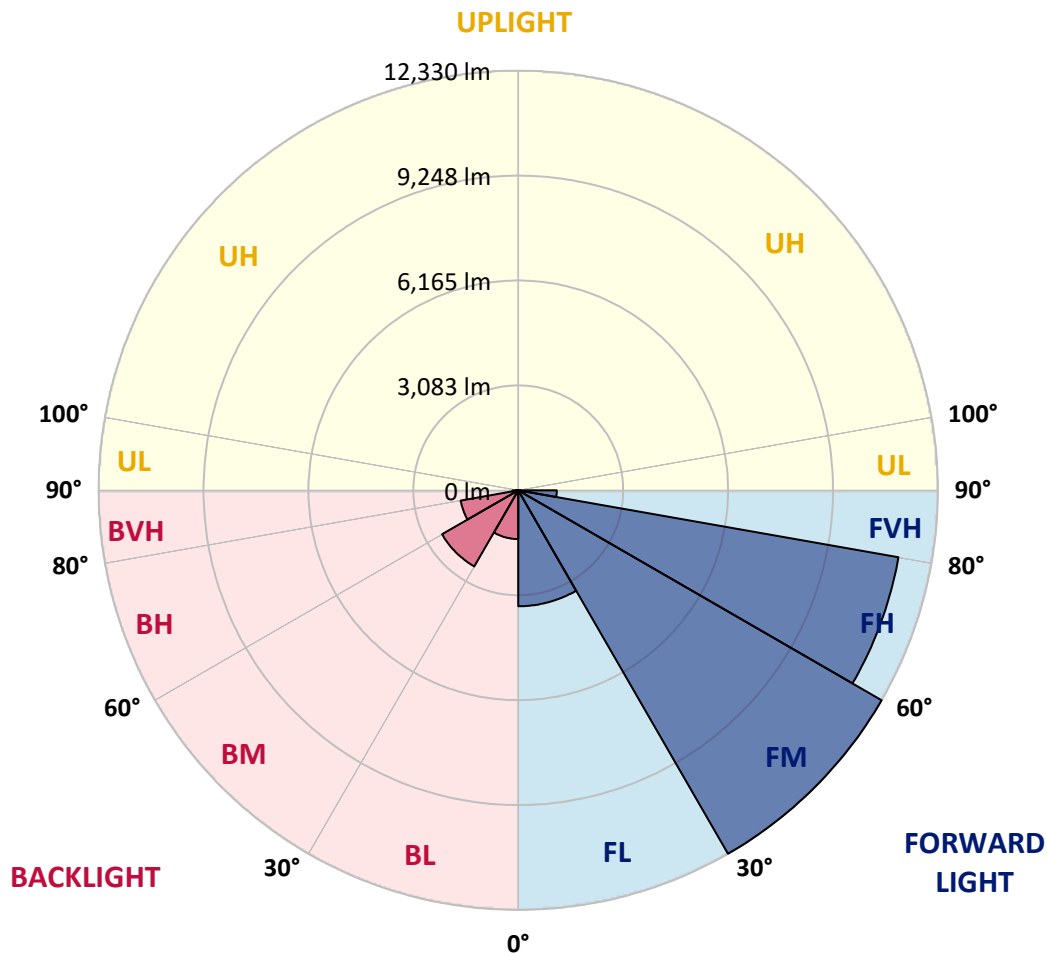


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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	3405.6	10.0			
FM (30°-60°)	12330.5	36.2			
FH (60°-80°)	11342.7	33.3			G4/12000
FVH (80°-90°)	1131.6	3.3			G5
BL (0°-30°)	1431.6	4.2	B3/2500		
BM (30°-60°)	2584.3	7.6	B3/5000		
BH (60°-80°)	1718.3	5.0	B3/2500		G3/2500
BVH (80°-90°)	162.2	0.5			G2/225
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G5
 Type IV Medium





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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	10390.9	10390.9	10390.9	10390.9	10390.9	10390.9	10390.9	10390.9	10390.9	10390.9	10390.9
2.5°	11131.3	11033.2	10884.5	10735.9	10625.4	10513.5	10386.8	10260.0	10115.4	9969.5	9883.6
5°	10947.2	10674.5	10320.0	9965.4	9730.9	9496.3	9230.4	8964.5	8701.3	8438.1	8296.4
7.5°	10118.1	9709.1	9248.1	8787.2	8446.3	8104.1	7735.9	7366.3	7039.1	6710.4	6507.2
10°	9302.7	8811.8	8282.7	7752.2	7315.9	6879.5	6509.9	6139.1	5892.2	5645.5	5458.6
12.5°	8717.7	8173.6	7591.4	7007.7	6571.3	6135.0	5900.4	5665.9	5461.3	5256.8	5041.3
15°	8485.8	7870.8	7274.9	6677.7	6280.9	5884.0	5623.6	5361.8	5087.7	4812.3	4547.7
17.5°	8690.4	7970.4	7322.7	6675.0	6155.4	5635.9	5271.8	4906.4	4545.0	4183.6	3876.8
20°	9328.6	8409.5	7562.7	6714.5	6023.1	5331.8	4843.6	4354.1	3890.4	3426.8	3079.0
22.5°	10224.5	9008.2	7902.2	6796.3	5903.1	5008.7	4396.3	3782.7	3234.5	2686.4	2345.5
25°	11312.7	9801.7	8391.8	6980.5	5854.0	4726.3	3973.6	3220.9	2642.7	2063.2	1820.4
27.5°	12459.4	10748.1	9000.0	7250.4	5862.2	4474.0	3617.7	2760.0	2239.1	1718.1	1551.8
30°	13415.4	11829.4	9709.1	7587.3	5893.6	4200.0	3282.2	2364.5	1935.0	1505.5	1397.7
32.5°	14289.5	12583.5	10243.6	7902.2	5929.0	3954.5	3023.2	2090.5	1740.0	1388.2	1299.5
35°	15192.2	13253.1	10617.2	7979.9	5867.7	3754.0	2845.9	1937.7	1614.6	1290.0	1215.0
37.5°	16186.3	13977.2	10977.3	7975.9	5764.0	3552.3	2708.2	1862.7	1532.7	1201.3	1146.8
40°	17294.9	14777.7	11367.2	7956.8	5670.0	3381.8	2605.9	1828.6	1487.7	1145.4	1099.0
42.5°	18379.0	15541.3	11730.0	7918.6	5593.6	3267.2	2505.0	1742.7	1446.8	1149.5	1084.0
45°	19193.0	16208.1	12044.9	7880.4	5536.4	3192.2	2425.9	1659.6	1408.6	1157.7	1074.5
47.5°	19810.9	16877.7	12394.1	7909.0	5530.9	3152.7	2370.0	1587.3	1336.4	1084.0	1050.0
50°	20596.2	17682.2	12902.7	8123.2	5605.9	3088.6	2304.6	1519.1	1266.8	1014.5	1060.9
52.5°	21574.0	18830.4	13690.9	8549.9	5762.7	2975.5	2200.9	1426.4	1182.2	936.9	1009.1
55°	23009.9	20301.7	14698.6	9094.0	5952.2	2809.1	2044.1	1277.7	1070.4	861.8	925.9
57.5°	24298.5	21788.1	15665.4	9541.3	6070.9	2599.1	1846.3	1093.6	945.0	796.4	833.2
60°	24872.6	22554.4	16118.1	9680.4	6000.0	2319.6	1624.1	927.3	834.6	741.8	735.0
62.5°	24648.9	22067.6	15672.2	9276.8	5653.6	2030.4	1427.7	825.0	755.5	684.5	669.5
65°	23994.4	20537.6	14423.2	8308.6	5068.6	1828.6	1303.6	778.6	700.9	623.2	606.8
67.5°	22704.4	18359.9	12653.1	6946.4	4325.5	1704.5	1232.7	760.9	666.8	571.3	552.3
70°	20389.0	15739.1	10614.5	5488.6	3559.1	1628.2	1186.3	744.6	630.0	514.1	496.3
72.5°	16746.7	12619.0	8476.3	4332.3	2975.5	1618.7	1180.9	743.2	600.0	456.8	440.4
75°	11990.4	9585.0	6470.4	3354.5	2436.8	1519.1	1120.9	722.7	559.1	394.0	379.0
77.5°	8068.6	6634.0	4497.2	2359.1	1808.1	1257.3	942.3	627.3	478.6	330.0	315.0
80°	5181.8	4591.3	3013.6	1435.9	1172.7	909.6	673.6	437.7	349.1	259.1	246.9
82.5°	3801.8	3417.3	2094.5	771.8	651.8	530.4	411.8	293.2	238.7	184.1	178.7
85°	2416.3	2664.5	1542.3	420.0	343.6	267.3	220.9	174.6	137.7	100.9	100.9
87.5°	469.1	649.1	426.8	203.2	148.7	94.1	80.5	65.5	36.8	6.8	8.2
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°	10390.9	10390.9	10390.9	10390.9	10390.9	10390.9	10390.9	10390.9	10390.9	10390.9	10390.9
2.5°	9796.3	9702.3	9608.2	9501.8	9394.0	9294.5	9193.6	9083.1	9103.5	9019.1	8934.5
5°	8154.5	8004.5	7853.1	7722.3	7591.4	7478.2	7363.6	7261.3	7350.0	7289.9	7229.9
7.5°	6302.7	6117.3	5930.4	5773.6	5616.8	5495.4	5372.7	5288.1	5375.4	5364.5	5353.6
10°	5271.8	5091.8	4910.5	4737.3	4564.0	4416.8	4268.2	4142.7	4120.9	4058.2	3994.1
12.5°	4824.5	4577.7	4329.6	4148.2	3966.8	3790.9	3615.0	3467.7	3400.9	3297.2	3192.2
15°	4283.2	3991.3	3699.5	3493.6	3286.3	3115.9	2944.1	2817.3	2775.0	2694.5	2614.1
17.5°	3570.0	3250.9	2931.8	2723.2	2513.1	2376.8	2239.1	2154.6	2154.6	2131.4	2108.2
20°	2731.4	2446.3	2161.4	2001.8	1842.2	1770.0	1696.3	1660.9	1671.8	1673.2	1673.2
22.5°	2003.2	1828.6	1654.1	1590.0	1524.6	1498.7	1472.7	1457.7	1463.2	1464.6	1465.9
25°	1577.8	1510.9	1442.7	1410.0	1375.9	1359.5	1343.2	1337.7	1350.0	1351.4	1351.4
27.5°	1385.5	1344.5	1302.3	1281.8	1260.0	1253.2	1246.3	1236.8	1249.1	1249.1	1247.7
30°	1288.6	1245.0	1201.3	1175.4	1149.5	1152.2	1153.6	1150.9	1159.1	1164.5	1168.6
32.5°	1209.5	1167.2	1125.0	1099.0	1071.8	1067.7	1063.6	1060.9	1078.6	1088.1	1097.7
35°	1138.6	1092.2	1045.9	1021.3	996.8	987.3	977.8	970.9	987.3	999.6	1011.8
37.5°	1090.9	1043.1	994.1	970.9	946.4	934.1	921.9	913.7	920.5	925.9	931.4
40°	1052.7	1003.6	953.2	925.9	898.7	886.4	874.1	867.3	871.4	872.8	874.1
42.5°	1017.2	969.6	921.9	891.8	860.5	845.5	830.5	822.3	825.0	827.7	829.1
45°	991.4	943.7	894.6	859.1	822.3	805.9	789.6	780.0	781.4	781.4	781.4
47.5°	1015.9	946.4	875.5	834.6	792.3	773.2	754.1	744.6	741.8	739.1	736.4
50°	1105.9	987.3	867.3	815.5	762.3	741.8	720.0	709.1	702.3	699.5	696.8
52.5°	1080.0	977.8	874.1	807.3	739.1	714.5	690.0	672.3	665.5	661.4	657.3
55°	988.7	924.6	859.1	778.6	698.2	676.4	653.2	640.9	628.6	625.9	623.2
57.5°	868.7	842.7	816.8	735.0	653.2	632.7	610.9	602.7	591.8	591.8	590.4
60°	726.8	765.0	803.2	709.1	613.6	590.4	567.3	560.4	556.3	555.0	553.6
62.5°	653.2	715.9	777.3	677.7	576.8	552.3	527.7	519.5	518.2	519.5	519.5
65°	590.4	609.5	628.6	582.3	535.9	511.3	485.4	477.2	480.0	484.1	488.2
67.5°	533.2	529.1	525.0	508.6	490.9	470.4	448.6	440.4	441.8	447.2	452.7
70°	478.6	473.1	466.3	454.1	441.8	424.1	406.3	400.9	399.5	406.3	411.8
72.5°	424.1	417.2	409.0	399.5	388.6	373.6	358.6	354.5	355.9	360.0	364.0
75°	364.0	358.6	351.8	343.6	334.1	320.5	306.9	304.1	306.9	311.0	315.0
77.5°	298.7	297.3	294.6	287.8	280.9	265.9	249.6	248.2	252.3	256.4	259.1
80°	233.2	234.6	235.9	230.5	225.0	208.7	190.9	189.6	193.7	197.8	201.8
82.5°	171.8	175.9	178.7	171.8	165.0	145.9	126.8	124.1	137.7	141.8	145.9
85°	99.6	105.0	110.5	105.0	99.6	80.5	61.4	60.0	72.3	79.1	85.9
87.5°	8.2	10.9	13.6	12.3	10.9	5.5	0.0	0.0	1.4	6.8	12.3
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: P383621
 CATALOG NUMBER: GAN-SA9A-735-U-SLR

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



REPORT NUMBER: P383621
 CATALOG NUMBER: GAN-SA9A-735-U-SLR

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	10390.9	10390.9	10390.9	10390.9	10390.9	10390.9	10390.9	10390.9	10390.9	10390.9	10390.9
2.5°	8881.3	8828.2	8811.8	8795.4	8735.4	8674.0	8736.8	8798.1	8824.1	8850.0	8783.1
5°	7221.8	7212.2	7212.2	7210.8	7156.3	7100.4	7142.7	7183.6	7092.2	7000.9	6991.4
7.5°	5412.3	5470.9	5518.6	5565.0	5547.3	5529.5	5569.1	5608.6	5492.7	5375.4	5318.1
10°	4007.7	4020.0	4071.8	4123.6	4135.9	4146.8	4195.9	4243.6	4153.6	4063.6	4024.1
12.5°	3126.8	3061.3	3068.1	3073.6	3098.1	3121.3	3173.1	3223.6	3186.8	3148.6	3152.7
15°	2532.2	2449.0	2414.9	2379.5	2406.8	2434.0	2470.9	2506.3	2507.7	2507.7	2543.1
17.5°	2067.3	2025.0	1990.9	1955.4	1992.3	2027.7	2031.8	2035.9	2037.3	2038.6	2035.9
20°	1693.6	1714.0	1703.1	1692.2	1705.9	1718.1	1729.0	1738.6	1726.3	1712.7	1678.6
22.5°	1485.0	1502.7	1516.4	1528.7	1551.8	1573.7	1562.8	1550.5	1525.9	1500.0	1474.1
25°	1363.6	1375.9	1389.5	1403.2	1422.3	1440.0	1420.9	1401.8	1384.1	1366.4	1348.6
27.5°	1261.3	1273.6	1285.9	1296.8	1314.5	1330.9	1313.2	1295.4	1280.4	1265.4	1251.8
30°	1178.2	1186.3	1195.9	1205.4	1221.8	1236.8	1221.8	1205.4	1194.5	1182.2	1172.7
32.5°	1107.2	1115.4	1119.5	1123.6	1138.6	1153.6	1142.7	1131.8	1122.2	1112.7	1105.9
35°	1029.5	1045.9	1048.6	1051.3	1066.3	1081.3	1074.5	1066.3	1055.4	1044.5	1032.2
37.5°	950.5	969.6	980.5	990.0	1005.0	1020.0	1013.2	1006.4	991.4	976.4	954.6
40°	883.7	891.8	912.3	931.4	955.9	979.1	965.5	950.5	927.3	904.1	893.2
42.5°	827.7	826.4	845.5	864.6	901.4	936.9	912.3	887.8	865.9	844.1	841.4
45°	778.6	774.6	784.1	793.7	833.2	871.4	846.8	820.9	808.7	796.4	796.4
47.5°	735.0	732.3	739.1	744.6	769.1	792.3	780.0	767.7	760.9	754.1	755.5
50°	695.5	692.7	699.5	705.0	714.5	722.7	725.5	726.8	722.7	718.6	721.4
52.5°	658.6	658.6	661.4	662.7	675.0	687.3	687.3	685.9	685.9	685.9	688.6
55°	627.3	630.0	630.0	630.0	649.1	666.8	661.4	655.9	657.3	657.3	660.0
57.5°	595.9	600.0	602.7	605.4	624.5	643.6	638.2	632.7	632.7	632.7	634.1
60°	560.4	565.9	571.3	576.8	595.9	615.0	609.5	602.7	604.1	605.4	606.8
62.5°	526.3	531.8	537.3	542.7	561.8	580.9	575.4	568.6	572.7	575.4	575.4
65°	493.6	497.7	503.2	508.6	526.3	544.1	538.6	533.2	538.6	542.7	545.4
67.5°	456.8	459.5	465.0	470.4	488.2	505.9	500.4	493.6	500.4	505.9	511.3
70°	414.5	417.2	424.1	429.5	447.2	465.0	458.1	451.3	458.1	465.0	470.4
72.5°	368.1	370.9	377.7	383.1	403.6	424.1	415.9	407.7	415.9	424.1	426.8
75°	317.8	320.5	328.6	335.5	355.9	376.3	369.5	361.3	368.1	375.0	376.3
77.5°	263.2	267.3	278.2	289.1	305.5	321.8	317.8	313.7	317.8	321.8	321.8
80°	205.9	210.0	223.7	235.9	245.5	255.0	256.4	257.8	259.1	260.5	259.1
82.5°	152.7	158.2	170.5	182.8	182.8	182.8	193.7	203.2	203.2	201.8	200.5
85°	94.1	100.9	111.8	122.7	115.9	109.1	126.8	143.2	143.2	141.8	139.1
87.5°	19.1	25.9	36.8	46.4	39.6	32.7	50.5	68.2	69.6	69.6	66.8
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



REPORT NUMBER: P383621
 CATALOG NUMBER: GAN-SA9A-735-U-SLR

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



REPORT NUMBER: P383621
 CATALOG NUMBER: GAN-SA9A-735-U-SLR

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	10390.9	10390.9	10390.9	10390.9	10390.9	10390.9	10390.9	10390.9	10390.9	10390.9	10390.9
2.5°	8715.0	8821.3	8926.3	8953.6	8994.5	9012.3	9028.6	9162.2	9294.5	9450.0	9605.4
5°	6980.5	7059.5	7138.6	7150.8	7193.1	7214.9	7236.8	7399.1	7560.0	7776.7	7993.6
7.5°	5260.9	5280.0	5299.1	5296.3	5331.8	5379.5	5425.9	5599.1	5770.8	6004.1	6235.9
10°	3984.5	4028.2	4070.4	4110.0	4187.7	4277.7	4366.3	4543.6	4720.9	4951.4	5180.4
12.5°	3156.8	3207.2	3256.3	3300.0	3390.0	3510.0	3628.7	3841.3	4054.1	4329.6	4603.6
15°	2577.2	2573.2	2569.1	2599.1	2678.2	2809.1	2938.7	3163.6	3388.6	3691.4	3992.7
17.5°	2033.2	2012.7	1992.3	2015.4	2089.1	2196.8	2303.2	2494.0	2683.6	2976.8	3270.0
20°	1644.6	1630.9	1617.3	1639.1	1685.4	1730.4	1775.4	1913.2	2049.5	2288.2	2525.4
22.5°	1446.8	1445.5	1442.7	1455.0	1476.8	1500.0	1521.8	1588.7	1654.1	1808.1	1960.9
25°	1330.9	1329.5	1328.2	1333.6	1351.4	1369.1	1386.8	1430.5	1474.1	1547.7	1621.4
27.5°	1238.2	1235.4	1232.7	1234.1	1238.2	1265.4	1291.3	1311.8	1330.9	1381.4	1430.5
30°	1163.1	1161.8	1160.4	1160.4	1156.3	1165.9	1175.4	1206.8	1236.8	1288.6	1340.4
32.5°	1099.0	1092.2	1085.4	1070.4	1060.9	1074.5	1088.1	1120.9	1153.6	1201.3	1249.1
35°	1018.6	1000.9	981.9	973.7	975.0	988.7	1002.3	1034.9	1066.3	1118.1	1168.6
37.5°	931.4	925.9	919.1	917.8	921.9	935.5	949.1	977.8	1005.0	1056.8	1107.2
40°	882.3	879.6	876.8	874.1	876.8	890.5	904.1	931.4	957.3	1007.7	1056.8
42.5°	838.7	837.3	835.9	835.9	837.3	852.3	867.3	894.6	920.5	965.5	1010.4
45°	796.4	797.7	797.7	800.5	804.6	819.6	833.2	863.2	893.2	936.9	980.5
47.5°	756.8	760.9	763.6	770.5	774.6	790.9	805.9	838.7	871.4	925.9	979.1
50°	722.7	726.8	729.6	735.0	745.9	765.0	784.1	823.7	861.8	953.2	1043.1
52.5°	691.4	695.5	699.5	705.0	718.6	740.5	762.3	811.4	859.1	965.5	1071.8
55°	662.7	666.8	669.5	677.7	691.4	710.5	728.2	788.2	848.2	925.9	1003.6
57.5°	635.4	639.5	642.3	647.7	654.5	675.0	694.1	758.2	822.3	876.8	930.0
60°	606.8	609.5	610.9	610.9	616.4	639.5	662.7	744.6	825.0	815.5	804.6
62.5°	575.4	578.2	579.5	575.4	582.3	606.8	631.4	737.7	844.1	778.6	713.2
65°	546.8	545.4	544.1	540.0	548.2	572.7	595.9	649.1	702.3	676.4	650.4
67.5°	515.4	511.3	507.2	501.8	510.0	531.8	552.3	570.0	587.7	590.4	593.2
70°	475.9	470.4	465.0	463.6	467.7	485.4	503.2	515.4	526.3	531.8	535.9
72.5°	429.5	425.4	421.3	418.6	420.0	435.0	448.6	459.5	470.4	474.5	477.2
75°	377.7	377.7	376.3	368.1	368.1	380.4	391.3	400.9	410.4	415.9	421.3
77.5°	321.8	323.2	323.2	312.3	311.0	323.2	334.1	342.3	349.1	354.5	358.6
80°	257.8	255.0	252.3	245.5	242.8	257.8	271.4	278.2	283.7	285.0	285.0
82.5°	197.8	192.3	185.5	170.5	171.8	188.2	203.2	208.7	214.1	214.1	214.1
85°	135.0	124.1	111.8	99.6	100.9	118.7	135.0	140.5	145.9	148.7	150.0
87.5°	64.1	53.2	40.9	31.4	31.4	46.4	60.0	62.7	65.5	70.9	76.4
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



REPORT NUMBER: P383621
 CATALOG NUMBER: GAN-SA9A-735-U-SLR

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: P383621

CATALOG NUMBER: GAN-SA9A-735-U-SLR

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	10390.9	10390.9	10390.9	10390.9	10390.9	10390.9	10390.9	10390.9	10390.9	10390.9	10390.9
2.5°	9724.1	9841.3	9962.7	10084.0	10223.2	10362.3	10524.5	10685.4	10823.1	10960.9	11075.4
5°	8180.4	8367.3	8586.8	8806.3	9085.8	9365.4	9707.7	10048.6	10352.7	10656.8	11010.0
7.5°	6479.9	6722.7	7009.1	7295.4	7656.8	8018.1	8461.3	8904.5	9334.0	9762.2	10305.0
10°	5435.4	5690.5	5972.7	6253.6	6621.8	6988.6	7457.7	7925.4	8408.1	8889.5	9503.1
12.5°	4887.3	5169.5	5417.7	5665.9	5964.5	6261.8	6715.9	7169.9	7737.2	8303.2	8893.6
15°	4302.3	4610.4	4907.7	5204.9	5530.9	5855.4	6297.3	6739.1	7359.5	7979.9	8659.0
17.5°	3594.6	3919.1	4281.8	4643.1	5068.6	5492.7	6058.6	6624.5	7359.5	8093.1	8893.6
20°	2856.8	3188.1	3621.8	4055.4	4584.5	5112.2	5845.9	6579.5	7569.5	8558.1	9579.5
22.5°	2254.1	2545.9	3019.1	3490.9	4101.8	4712.7	5653.6	6593.1	7887.2	9179.9	10558.6
25°	1827.2	2033.2	2498.1	2961.8	3666.8	4371.8	5536.4	6699.5	8349.5	9998.1	11708.2
27.5°	1565.5	1700.4	2134.1	2566.3	3336.8	4105.9	5488.6	6870.0	8935.9	11001.8	12958.6
30°	1434.6	1528.7	1895.4	2260.9	3043.6	3826.3	5431.3	7036.4	9500.4	11963.1	13936.3
32.5°	1325.4	1400.5	1714.0	2026.4	2790.0	3553.6	5320.9	7086.7	9894.5	12702.2	14764.0
35°	1232.7	1295.4	1568.2	1840.9	2590.9	3340.9	5135.4	6930.0	10141.3	13352.6	15625.9
37.5°	1157.7	1206.8	1459.1	1711.3	2419.0	3126.8	4924.1	6721.3	10360.9	14000.4	16595.3
40°	1099.0	1141.3	1377.3	1613.2	2255.5	2897.7	4742.7	6586.3	10663.6	14740.8	17619.5
42.5°	1066.3	1120.9	1306.4	1490.5	2100.0	2709.5	4596.8	6484.0	10944.5	15403.6	18515.3
45°	1058.1	1135.9	1269.5	1403.2	1984.1	2565.0	4467.2	6368.2	11125.8	15883.5	19190.3
47.5°	1044.5	1108.6	1240.9	1373.2	1926.8	2479.0	4397.7	6315.0	11307.2	16298.1	19750.9
50°	1052.7	1060.9	1217.7	1373.2	1918.6	2464.0	4476.8	6489.5	11700.0	16909.0	20391.8
52.5°	1037.7	1002.3	1174.1	1345.9	1917.2	2488.6	4704.5	6920.5	12429.5	17937.2	21085.8
55°	958.7	912.3	1092.2	1272.3	1888.6	2503.6	4975.9	7446.8	13408.6	19369.0	22333.5
57.5°	889.1	846.8	999.6	1150.9	1801.3	2451.8	5255.4	8057.7	14443.6	20828.1	23739.5
60°	796.4	786.8	895.9	1005.0	1666.4	2326.4	5485.9	8644.0	15139.0	21632.6	24280.8
62.5°	720.0	725.5	805.9	886.4	1497.3	2106.8	5562.3	9016.4	15119.9	21223.5	23735.4
65°	661.4	670.9	750.0	829.1	1352.7	1876.3	5311.3	8745.0	14355.0	19963.5	22656.7
67.5°	604.1	615.0	709.1	801.8	1224.5	1645.9	4684.1	7720.9	12979.1	18235.8	21284.9
70°	549.5	563.2	665.5	767.7	1131.8	1494.6	3875.4	6256.4	11256.7	16255.8	19696.3
72.5°	490.9	504.5	613.6	722.7	1073.1	1422.3	3159.5	4895.5	9134.9	13373.1	16847.7
75°	430.9	440.4	559.1	676.4	992.8	1309.1	2479.0	3647.8	6991.4	10335.0	12725.4
77.5°	370.9	383.1	482.7	580.9	842.7	1103.1	1868.2	2633.2	5129.9	7625.5	8850.0
80°	296.0	306.9	377.7	447.2	650.4	852.3	1284.5	1716.8	3530.5	5344.1	6034.1
82.5°	226.4	238.7	286.4	332.7	463.6	594.5	778.6	962.8	2345.5	3726.8	3784.0
85°	155.5	159.6	193.7	226.4	286.4	346.3	445.9	545.4	1551.8	2558.1	2131.4
87.5°	77.7	77.7	100.9	124.1	154.1	184.1	235.9	286.4	496.3	706.4	406.3
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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 CATALOG NUMBER: GAN-SA9A-735-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



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CATALOG NUMBER: GAN-SA9A-735-U-SLR

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	10390.9	10390.9	10390.9	10390.9	10390.9	10390.9	10390.9	10390.9	10390.9	10390.9	10390.9
2.5°	11221.3	11320.8	11421.8	11498.1	11575.9	11687.7	11799.4	11819.9	11841.7	11798.1	11754.5
5°	11365.8	11667.3	11969.9	12249.5	12529.0	12696.7	12864.5	12898.6	12932.7	12827.7	12721.3
7.5°	10830.0	11354.9	11879.9	12361.3	12842.7	13134.4	13427.7	13493.1	13560.0	13388.1	13216.3
10°	10114.0	10759.0	11404.0	12038.1	12672.2	13096.3	13520.4	13605.0	13689.5	13475.4	13261.3
12.5°	9560.4	10249.1	10937.7	11605.9	12275.4	12714.5	13153.5	13258.5	13363.6	13208.1	13051.3
15°	9390.0	10037.7	10685.4	11267.6	11851.3	12210.0	12569.9	12612.2	12655.8	12631.3	12606.7
17.5°	9699.5	10284.5	10870.9	11187.2	11505.0	11648.2	11792.6	11839.0	11886.7	11948.1	12010.8
20°	10449.4	10861.3	11274.5	11260.8	11245.8	11176.3	11105.4	11093.1	11080.9	11256.7	11434.0
22.5°	11569.1	11732.7	11897.6	11514.5	11131.3	10898.1	10663.6	10617.2	10569.5	10756.3	10944.5
25°	12784.0	12754.0	12722.7	11993.1	11262.2	10817.7	10373.2	10321.3	10269.5	10429.0	10589.9
27.5°	13986.7	13790.4	13594.0	12602.6	11611.3	10966.3	10321.3	10269.5	10217.7	10359.5	10501.3
30°	14869.0	14554.0	14239.0	13116.7	11994.5	11228.1	10461.7	10377.3	10291.3	10465.8	10640.4
32.5°	15557.7	15134.9	14712.2	13534.0	12355.9	11526.8	10697.7	10565.4	10433.1	10666.3	10899.5
35°	16244.9	15650.4	15054.5	13906.3	12756.8	11879.9	11001.8	10839.5	10677.2	10997.7	11318.1
37.5°	17109.5	16255.8	15400.8	14325.0	13249.0	12409.1	11567.7	11401.3	11234.9	11642.7	12051.8
40°	18047.6	16909.0	15770.4	14783.1	13795.8	13141.3	12485.4	12327.2	12167.7	12664.0	13160.3
42.5°	18827.6	17517.2	16206.7	15335.4	14462.6	14001.7	13539.5	13538.1	13535.4	14038.6	14541.7
45°	19461.7	18024.4	16585.8	15874.0	15160.8	14920.9	14680.8	14873.1	15065.4	15519.5	15974.9
47.5°	19934.9	18450.0	16963.6	16490.3	16017.2	16052.6	16088.1	16479.4	16870.8	17162.6	17455.8
50°	20243.1	18835.8	17427.2	17281.3	17135.4	17453.1	17772.2	18220.8	18670.8	18869.9	19069.0
52.5°	20691.7	19359.4	18025.8	18189.5	18353.1	19002.2	19651.3	20105.3	20559.4	20633.1	20708.1
55°	21729.5	20322.2	18913.6	19227.1	19542.2	20494.0	21447.2	21801.8	22156.3	22183.5	22210.8
57.5°	23203.5	21670.8	20138.1	20476.3	20814.4	21913.5	23014.0	23395.8	23779.0	23725.8	23671.3
60°	24306.7	22951.3	21594.5	21935.3	22276.3	23348.0	24419.9	24859.0	25299.4	25182.2	25064.9
62.5°	24374.9	23650.8	22925.4	23233.5	23543.1	24593.0	25643.1	26094.4	26545.8	26341.3	26136.7
65°	23290.8	23615.4	23939.8	24042.1	24144.4	25123.6	26103.9	26449.0	26795.3	26691.7	26588.0
67.5°	21797.7	22993.5	24190.8	23984.9	23779.0	24238.5	24698.0	25054.0	25409.9	25351.2	25291.2
70°	20307.2	21903.9	23500.8	22489.0	21475.8	21286.2	21096.8	21479.9	21864.4	21627.2	21388.5
72.5°	17769.5	19471.3	21174.4	19310.3	17446.3	16798.6	16150.8	16637.6	17124.5	16746.7	16367.7
75°	13948.5	15829.0	17710.9	15486.7	13262.6	12398.2	11533.6	11952.2	12370.9	12111.8	11851.3
77.5°	10384.1	12237.2	14090.4	11829.4	9567.2	8925.0	8281.4	8405.4	8530.8	8487.2	8442.2
80°	7043.2	8334.5	9627.3	8121.8	6616.3	6665.4	6715.9	6657.2	6597.2	6684.5	6771.8
82.5°	4494.5	5491.4	6489.5	5690.5	4891.4	5349.5	5807.7	5582.7	5356.3	5439.5	5524.1
85°	2565.0	3540.0	4516.3	4209.6	3901.3	4168.6	4437.2	4088.2	3739.0	3891.8	4045.9
87.5°	676.4	1958.2	3241.3	2942.8	2644.1	2297.8	1951.3	1489.1	1026.8	1500.0	1973.2
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: P383621
 CATALOG NUMBER: GAN-SA9A-735-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



REPORT NUMBER: P383621

CATALOG NUMBER: GAN-SA9A-735-U-SLR

CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	10390.9	10390.9	10390.9	10390.9	10390.9	10390.9	10390.9
2.5°	11731.4	11708.2	11625.0	11540.4	11414.9	11311.3	11131.3
5°	12574.0	12426.8	12173.1	11918.1	11634.5	11308.6	10947.2
7.5°	12872.7	12527.6	12040.8	11552.7	11113.5	10598.1	10118.1
10°	12745.8	12229.1	11596.3	10962.2	10429.0	9835.8	9302.7
12.5°	12503.1	11953.6	11256.7	10558.6	9951.8	9314.9	8717.7
15°	12169.0	11730.0	11076.8	10423.6	9812.6	9193.6	8485.8
17.5°	11803.5	11595.0	11123.1	10649.9	10120.9	9520.9	8690.4
20°	11509.0	11585.4	11397.2	11209.0	10785.0	10261.3	9328.6
22.5°	11309.9	11676.8	11821.3	11967.2	11712.3	11303.1	10224.5
25°	11198.1	11806.3	12290.4	12775.8	12662.6	12347.7	11312.7
27.5°	11247.2	11993.1	12744.5	13497.2	13602.2	13514.9	12459.4
30°	11394.5	12149.9	13065.0	13981.3	14400.0	14517.2	13415.4
32.5°	11640.0	12380.4	13377.2	14375.4	15008.1	15381.7	14289.5
35°	12010.8	12703.6	13742.7	14781.7	15599.9	16281.8	15192.2
37.5°	12647.6	13243.5	14202.2	15162.2	16223.1	17247.2	16186.3
40°	13580.4	14001.7	14811.7	15623.1	16958.1	18340.8	17294.9
42.5°	14757.2	14974.0	15616.3	16258.6	17725.9	19333.5	18379.0
45°	16032.2	16089.5	16493.1	16898.1	18334.0	20009.9	19193.0
47.5°	17259.4	17063.1	17224.0	17384.9	18800.4	20492.6	19810.9
50°	18522.1	17975.3	17890.8	17806.3	19266.7	21061.3	20596.2
52.5°	19806.8	18905.4	18571.2	18235.8	19823.1	21815.4	21574.0
55°	21064.0	19917.1	19467.2	19017.2	20674.0	22735.8	23009.9
57.5°	22371.7	21072.2	20654.9	20237.6	21924.4	23901.7	24298.5
60°	23779.0	22491.8	22157.6	21822.2	23479.0	25161.7	24872.6
62.5°	25114.0	24091.2	23915.3	23738.1	25051.3	26129.9	24648.9
65°	26005.8	25422.1	25585.8	25750.8	26240.3	26371.3	23994.4
67.5°	25409.9	25528.5	26219.9	26912.6	26575.7	25654.0	22704.4
70°	22099.0	22810.8	24448.6	26087.6	25340.3	23732.6	20389.0
72.5°	17166.7	17967.2	20398.6	22831.2	22142.6	20173.5	16746.7
75°	12754.0	13658.1	16341.8	19025.4	18069.4	15090.0	11990.4
77.5°	9047.7	9653.2	12302.7	14953.6	13394.9	10044.5	8068.6
80°	6586.3	6400.8	7877.7	9354.5	9095.4	6643.6	5181.8
82.5°	5071.3	4618.6	5314.1	6009.5	5971.3	4610.4	3801.8
85°	3864.5	3683.2	4298.2	4913.2	4386.8	3122.7	2416.3
87.5°	2252.8	2533.6	3257.7	3983.2	2989.1	947.8	469.1
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)