

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: P320448

Luminaire Tested: **GAN-SA4C-827-U-SLL**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P320448
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-SA4C-827-U-SLL
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(4) 80 CRI, 2700K, 1050mA LIGHTSQUARES WITH 16 LEDS EACH AND SPILL LIGHT
ELIMINATOR LEFT OPTICS
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 18433 lumens
Efficiency: N/A
Efficacy: 81.9 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type III - Medium
BUG Rating: B2 - U0 - G4

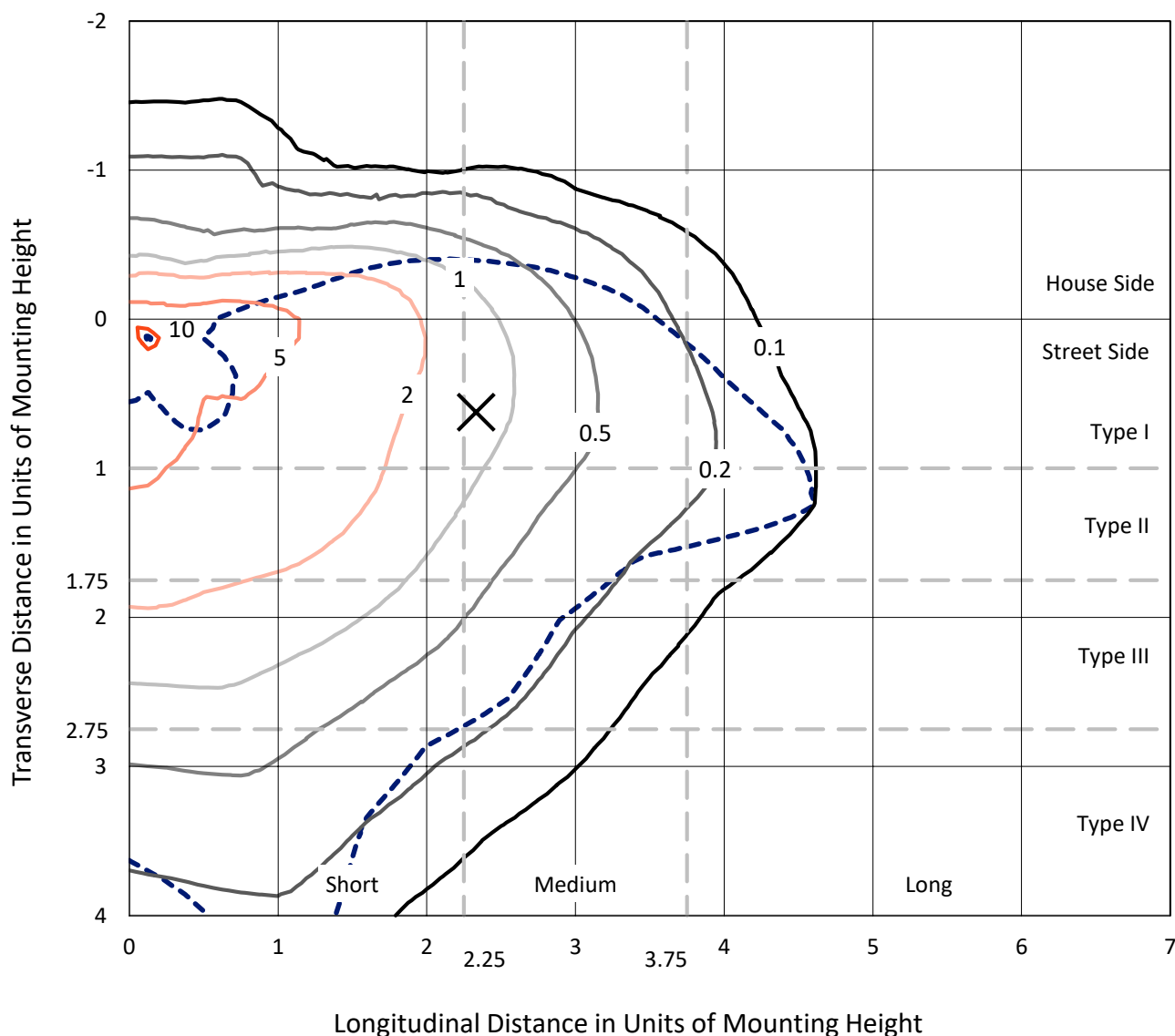
Input Watts (W): 225
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

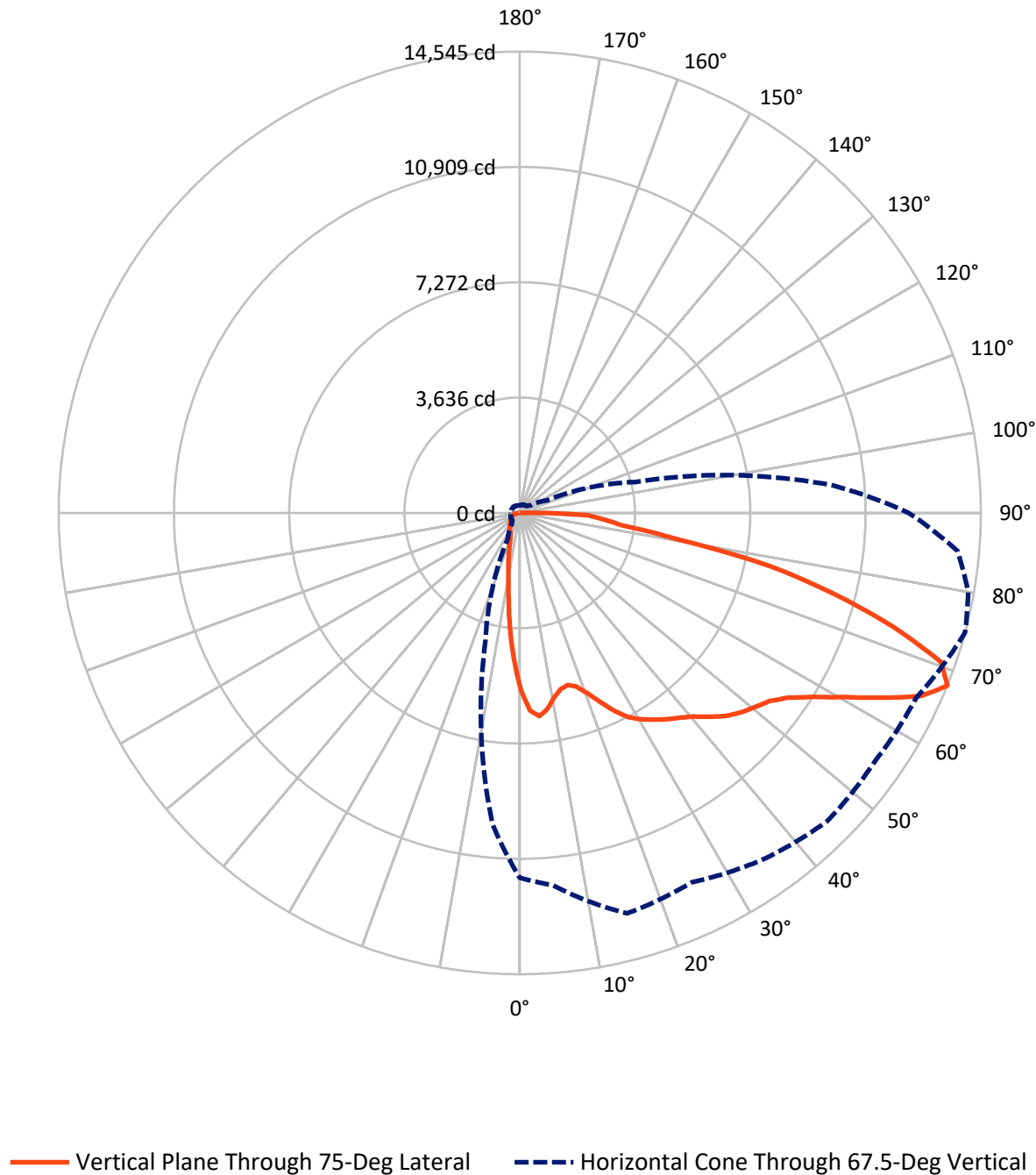
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 11.3 fc
 Type III - Medium - N/A

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3246.5	0.0	3246.5
	% Fixture	17.6	0.0	17.6
Street Side	Lumens	15186.5	0.0	15186.5
	% Fixture	82.4	0.0	82.4
Total	Lumens	18433.0	0.0	18433.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	433.4	2.4
10°-20°	900.4	4.9
20°-30°	1280.5	6.9
30°-40°	1845.2	10.0
40°-50°	2600.4	14.1
50°-60°	3615.0	19.6
60°-70°	4371.6	23.7
70°-80°	2687.2	14.6
80°-90°	699.3	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°	18433.0	100.0
0°-180°	18433.0	100.0

Coefficient of Utilization



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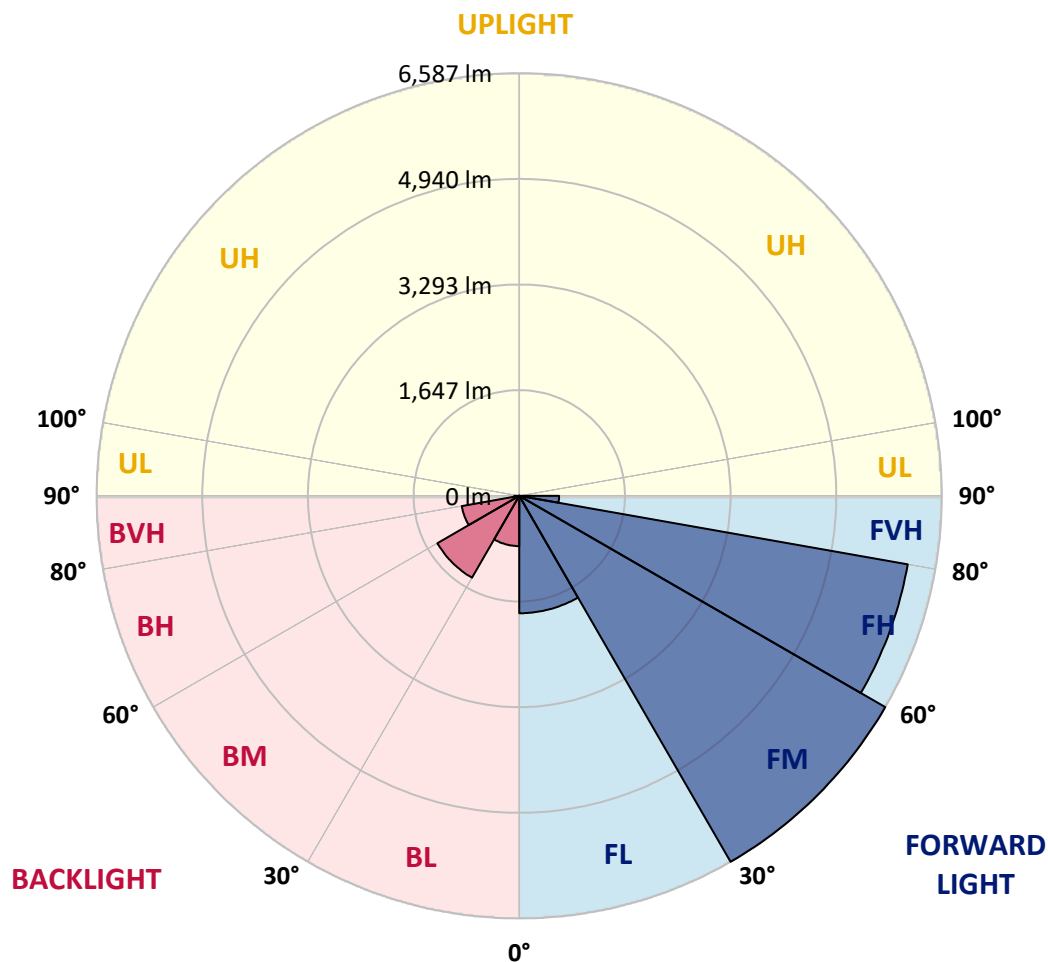
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1830.2	9.9			
FM	(30°-60°)	6587.0	35.7			
FH	(60°-80°)	6148.6	33.4			G3/7500
FVH	(80°-90°)	620.7	3.4			G4/750
BL	(0°-30°)	784.1	4.3	B2/1000		
BM	(30°-60°)	1473.7	8.0	B2/2500		
BH	(60°-80°)	910.2	4.9	B2/1000		G2/1000
BVH	(80°-90°)	78.6	0.4			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G4

Type III Medium





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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	5615.7	5615.7	5615.7	5615.7	5615.7	5615.7	5615.7	5615.7	5615.7	5615.7	5615.7
2.5°	5985.7	6064.5	6119.0	6172.8	6214.9	6256.1	6316.6	6377.0	6388.8	6399.8	6376.3
5°	5950.3	6142.6	6306.2	6469.1	6620.2	6771.3	6861.9	6952.6	6971.0	6989.4	6932.7
7.5°	5569.3	5853.0	6136.7	6420.5	6680.6	6940.8	7099.2	7256.9	7293.0	7328.4	7235.6
10°	5135.9	5466.1	5814.7	6163.3	6506.0	6848.6	7077.8	7307.0	7352.7	7398.4	7282.7
12.5°	4806.5	5166.9	5539.1	5911.2	6273.1	6634.2	6871.5	7108.8	7165.5	7222.3	7138.3
15°	4679.7	5074.8	5424.8	5774.9	6090.3	6405.0	6599.6	6793.4	6817.0	6839.8	6826.5
17.5°	4806.5	5242.1	5559.0	5875.1	6046.8	6217.8	6295.9	6373.3	6399.1	6424.2	6458.1
20°	5177.2	5647.4	5870.7	6093.3	6085.9	6077.8	6040.2	6001.9	5995.2	5988.6	6084.4
22.5°	5706.3	6252.4	6341.6	6430.0	6223.0	6015.9	5889.9	5763.1	5738.0	5712.2	5813.9
25°	6327.6	6909.1	6892.9	6875.9	6481.6	6086.6	5846.4	5606.1	5578.1	5550.1	5637.1
27.5°	7003.4	7559.1	7453.0	7346.8	6811.1	6275.3	5926.7	5578.1	5550.1	5522.1	5598.7
30°	7531.8	8035.9	7865.7	7695.4	7088.9	6482.4	6068.2	5654.0	5608.3	5561.9	5656.2
32.5°	7979.2	8408.1	8179.6	7951.2	7314.4	6677.7	6229.6	5781.5	5710.0	5638.5	5764.6
35°	8444.9	8779.5	8458.2	8136.1	7515.6	6894.3	6420.5	5945.9	5858.2	5770.5	5943.7
37.5°	8968.9	9246.7	8785.4	8323.3	7741.9	7160.4	6706.4	6251.7	6161.8	6071.9	6293.0
40°	9522.4	9753.8	9138.4	8523.0	7989.5	7455.9	7102.2	6747.7	6662.2	6576.0	6844.2
42.5°	10006.6	10175.3	9467.1	8758.9	8287.9	7816.3	7567.2	7317.4	7316.6	7315.1	7587.1
45°	10371.4	10518.0	9741.2	8963.7	8579.1	8193.6	8063.9	7934.2	8038.1	8142.0	8388.2
47.5°	10674.3	10773.7	9971.2	9167.9	8912.2	8656.4	8675.6	8694.8	8906.3	9117.8	9276.2
50°	11020.6	10940.3	10179.7	9418.5	9339.6	9260.7	9433.2	9604.9	9848.1	10090.6	10198.2
52.5°	11395.7	11182.8	10462.7	9742.0	9830.4	9918.9	10269.7	10620.5	10865.9	11111.3	11151.8
55°	12070.1	11743.6	10983.0	10221.8	10392.0	10561.5	11076.6	11591.0	11782.7	11974.3	11989.0
57.5°	12829.9	12540.3	11711.9	10883.6	11066.3	11249.1	11843.8	12437.8	12644.9	12851.3	12822.5
60°	13122.5	13136.5	12403.9	11670.6	11854.9	12039.1	12618.4	13197.6	13435.7	13673.0	13609.6
62.5°	12827.7	13173.3	12782.0	12389.9	12557.2	12723.8	13291.2	13858.7	14102.6	14346.6	14236.0
65°	12244.7	12587.4	12762.8	12938.2	12993.5	13048.8	13578.6	14107.8	14295.0	14481.4	14425.4
67.5°	11503.3	11780.4	12427.5	13073.8	12962.5	12851.3	13099.6	13348.0	13540.3	13732.7	13701.0
70°	10644.8	10974.9	11837.9	12700.9	12154.1	11606.5	11504.1	11401.6	11609.5	11816.6	11688.3
72.5°	9105.2	9603.4	10523.9	11443.6	10436.2	9428.8	9078.7	8728.7	8991.8	9254.9	9050.7
75°	6877.4	7538.5	8555.5	9571.7	8369.8	7167.8	6700.5	6233.3	6459.5	6685.8	6545.8
77.5°	4782.9	5612.0	6613.6	7615.1	6393.2	5170.6	4823.5	4475.6	4543.4	4610.5	4586.9
80°	3261.1	3806.4	4505.1	5203.0	4389.4	3575.8	3603.0	3629.6	3597.9	3565.5	3612.6
82.5°	2045.1	2429.0	2968.5	3507.2	3075.4	2643.5	2891.1	3138.7	3017.1	2894.8	2940.5
85°	1151.9	1386.2	1913.9	2440.8	2275.0	2108.5	2253.6	2398.1	2209.4	2020.8	2104.0
87.5°	219.6	365.5	1059.0	1751.8	1590.4	1429.0	1241.8	1054.6	804.8	554.9	810.7
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



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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°	5615.7	5615.7	5615.7	5615.7	5615.7	5615.7	5615.7	5615.7	5615.7	5615.7	5615.7
2.5°	6352.7	6340.1	6327.6	6282.7	6237.0	6169.2	6113.2	6015.9	5962.8	5882.5	5802.2
5°	6875.2	6795.6	6716.0	6578.9	6441.1	6287.8	6111.7	5916.4	5769.0	5577.4	5385.8
7.5°	7142.7	6957.0	6770.5	6507.4	6243.6	6006.3	5727.7	5468.3	5247.2	4998.1	4749.0
10°	7167.0	6888.4	6609.1	6267.2	5924.5	5636.3	5315.8	5027.6	4762.3	4476.3	4189.7
12.5°	7053.5	6757.3	6460.3	6083.7	5706.3	5379.1	5034.2	4711.4	4417.4	4102.7	3787.3
15°	6813.3	6576.7	6339.4	5986.4	5633.4	5303.2	4968.6	4586.2	4253.8	3931.7	3608.9
17.5°	6491.2	6379.2	6266.4	6011.5	5755.7	5469.8	5145.5	4696.7	4307.6	3957.5	3607.5
20°	6179.5	6220.8	6261.3	6159.6	6057.9	5828.7	5545.7	5041.6	4544.9	4087.2	3628.8
22.5°	5914.9	6113.2	6310.7	6389.5	6467.6	6329.8	6108.7	5525.8	4868.4	4270.7	3673.1
25°	5723.3	6052.0	6380.7	6643.0	6904.7	6843.5	6673.2	6113.9	5297.3	4535.3	3772.5
27.5°	5675.4	6078.5	6481.6	6888.4	7294.5	7351.3	7304.1	6733.7	5808.8	4864.0	3918.5
30°	5750.6	6158.8	6566.4	7061.6	7556.1	7782.4	7845.8	7250.3	6393.2	5247.2	4100.5
32.5°	5890.6	6290.8	6690.9	7230.4	7769.1	8111.1	8313.0	7722.7	6800.7	5536.1	4270.7
35°	6116.8	6491.2	6865.6	7427.2	7988.7	8430.9	8799.4	8210.6	7162.6	5738.0	4312.7
37.5°	6513.3	6835.4	7157.4	7676.3	8194.4	8767.7	9321.2	8747.8	7553.9	5932.6	4310.5
40°	7112.5	7340.2	7567.2	8005.7	8443.4	9164.9	9912.2	9347.0	7986.5	6143.4	4300.2
42.5°	7859.0	7976.2	8092.7	8439.8	8786.9	9579.9	10448.7	9932.9	8399.2	6339.4	4279.6
45°	8633.6	8664.5	8695.5	8914.4	9132.5	9908.5	10814.3	10372.8	8759.6	6509.6	4258.9
47.5°	9433.9	9327.8	9221.7	9308.6	9395.6	10160.6	11075.2	10706.7	9121.5	6698.3	4274.4
50°	10305.8	10010.2	9714.7	9669.0	9623.3	10412.6	11382.5	11131.2	9556.3	6973.2	4390.1
52.5°	11191.6	10704.5	10217.3	10036.8	9855.5	10713.3	11790.0	11659.6	10176.8	7399.2	4620.8
55°	12003.7	11384.0	10764.2	10521.0	10277.8	11173.2	12287.5	12435.6	10972.0	7943.8	4914.8
57.5°	12793.0	12090.7	11388.4	11162.9	10937.3	11849.0	12917.6	13132.0	11775.3	8466.3	5156.6
60°	13546.2	12851.3	12155.6	11975.0	11793.7	12689.1	13598.5	13442.3	12189.5	8711.0	5231.7
62.5°	14125.5	13572.7	13020.0	12925.0	12829.1	13538.8	14121.8	13321.4	11926.4	8470.0	5013.6
65°	14369.4	14054.7	13739.3	13828.5	13916.9	14181.5	14252.2	12967.7	11099.5	7794.9	4490.3
67.5°	13668.6	13732.7	13796.8	14171.2	14544.8	14362.8	13864.6	12270.5	9922.5	6838.3	3754.1
70°	11559.4	11944.0	12328.0	13213.8	14098.9	13695.1	12826.2	11019.2	8506.1	5736.6	2966.3
72.5°	8845.8	9278.4	9710.3	11025.0	12339.1	11966.9	10902.7	9050.7	6819.9	4581.0	2341.3
75°	6405.0	6893.6	7381.5	8831.8	10282.2	9765.6	8155.3	6480.2	5180.2	3496.9	1812.9
77.5°	4562.6	4889.8	5217.0	6649.7	8081.6	7240.0	5428.5	4360.6	3585.4	2430.5	1275.0
80°	3659.8	3559.6	3459.3	4257.5	5055.6	4915.6	3590.5	2800.5	2481.4	1628.7	776.0
82.5°	2985.5	2740.8	2496.1	2872.0	3247.8	3227.2	2491.7	2054.7	1846.8	1132.0	417.1
85°	2186.6	2088.6	1990.6	2322.9	2655.3	2371.6	1687.7	1305.9	1440.0	833.5	227.0
87.5°	1066.4	1218.2	1369.3	1761.4	2152.7	1616.2	512.2	253.5	350.8	230.7	109.8
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: P320448
 CATALOG NUMBER: GAN-SA4C-827-U-SLL

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: P320448

CATALOG NUMBER: GAN-SA4C-827-U-SLL

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	5615.7	5615.7	5615.7	5615.7	5615.7	5615.7	5615.7	5615.7	5615.7	5615.7	5615.7
2.5°	5742.5	5682.0	5613.5	5545.0	5466.8	5388.0	5341.5	5294.4	5243.5	5192.7	5135.2
5°	5259.0	5132.2	4988.5	4844.8	4702.6	4560.4	4483.7	4407.1	4326.0	4244.2	4173.5
7.5°	4564.8	4379.8	4180.8	3981.1	3804.2	3626.6	3516.8	3406.3	3306.0	3205.1	3120.3
10°	3953.8	3718.0	3518.3	3317.8	3184.4	3051.0	2950.1	2849.1	2751.8	2653.8	2560.2
12.5°	3551.5	3315.6	3188.9	3062.1	2951.6	2841.0	2724.6	2607.4	2474.0	2339.9	2241.9
15°	3394.5	3180.0	3039.3	2897.8	2749.6	2600.8	2457.8	2314.8	2157.1	1999.4	1888.1
17.5°	3326.7	3045.9	2849.1	2651.6	2456.3	2261.0	2095.2	1929.4	1756.9	1584.5	1471.7
20°	3255.2	2881.5	2617.7	2353.1	2102.6	1852.0	1664.1	1476.1	1322.1	1168.1	1081.9
22.5°	3190.3	2706.9	2376.0	2044.4	1748.1	1451.8	1267.6	1082.6	988.3	893.9	859.3
25°	3163.8	2554.3	2147.5	1740.7	1428.2	1115.0	983.9	852.7	816.6	779.7	762.0
27.5°	3168.2	2418.0	1955.2	1491.6	1210.1	928.6	838.7	748.8	726.7	703.8	692.8
30°	3185.2	2269.9	1773.9	1277.9	1045.8	813.6	755.4	696.4	672.9	649.3	635.3
32.5°	3204.3	2137.2	1633.9	1129.8	940.4	750.2	702.3	653.7	630.8	608.0	594.0
35°	3171.2	2028.9	1538.1	1047.2	872.6	697.2	656.6	615.4	590.3	565.3	552.0
37.5°	3115.2	1919.8	1463.6	1006.7	828.4	649.3	619.8	589.6	563.8	537.3	524.7
40°	3064.3	1827.7	1408.3	988.3	804.0	619.1	594.0	568.9	542.4	515.1	500.4
42.5°	3023.0	1765.8	1353.8	941.8	781.9	621.3	585.9	549.8	524.0	498.2	482.0
45°	2992.1	1725.2	1311.1	896.9	761.3	625.7	580.7	535.8	510.0	483.5	464.3
47.5°	2989.1	1703.9	1280.9	857.8	722.2	585.9	567.5	549.0	511.5	473.1	451.0
50°	3029.7	1669.2	1245.5	821.0	684.6	548.3	573.4	597.7	533.6	468.7	440.7
52.5°	3114.4	1608.1	1189.5	770.9	639.0	506.3	545.4	583.7	528.4	472.4	436.3
55°	3216.9	1518.2	1104.7	690.5	578.5	465.8	500.4	534.3	499.7	464.3	420.8
57.5°	3281.0	1404.7	997.9	591.0	510.7	430.4	450.3	469.4	455.4	441.4	397.2
60°	3242.7	1253.6	877.7	501.1	451.0	400.9	397.2	392.8	413.4	434.1	383.2
62.5°	3055.5	1097.3	771.6	445.9	408.3	370.0	361.9	353.0	386.9	420.1	366.3
65°	2739.3	988.3	704.5	420.8	378.8	336.8	328.0	319.1	329.4	339.7	314.7
67.5°	2337.7	921.2	666.2	411.2	360.4	308.8	298.5	288.2	285.9	283.7	274.9
70°	1923.5	879.9	641.2	402.4	340.5	277.8	268.3	258.7	255.7	252.0	245.4
72.5°	1608.1	874.8	638.2	401.6	324.3	246.9	238.0	229.2	225.5	221.1	215.9
75°	1317.0	821.0	605.8	390.6	302.2	213.0	204.9	196.8	193.8	190.1	185.7
77.5°	977.2	679.5	509.2	339.0	258.7	178.3	170.2	161.4	160.7	159.2	155.5
80°	633.8	491.6	364.1	236.6	188.7	140.0	133.4	126.0	126.8	127.5	124.5
82.5°	352.3	286.7	222.6	158.4	129.0	99.5	96.5	92.9	95.1	96.5	92.9
85°	185.7	144.4	119.4	94.3	74.4	54.5	54.5	53.8	56.7	59.7	56.7
87.5°	80.3	50.9	43.5	35.4	19.9	3.7	4.4	4.4	5.9	7.4	6.6
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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 CATALOG NUMBER: GAN-SA4C-827-U-SLL

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: P320448

CATALOG NUMBER: GAN-SA4C-827-U-SLL

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	5615.7	5615.7	5615.7	5615.7	5615.7	5615.7	5615.7	5615.7	5615.7	5615.7	5615.7
2.5°	5077.0	5023.2	4968.6	4908.9	4920.0	4874.3	4828.6	4799.9	4771.1	4762.3	4753.4
5°	4102.7	4041.5	3979.6	3924.4	3972.3	3939.8	3907.4	3903.0	3897.8	3897.8	3897.1
7.5°	3035.6	2970.0	2903.7	2858.0	2905.1	2899.2	2893.3	2925.0	2956.7	2982.5	3007.6
10°	2466.6	2387.0	2306.7	2238.9	2227.1	2193.2	2158.6	2166.0	2172.6	2200.6	2228.6
12.5°	2143.8	2048.8	1953.7	1874.1	1838.0	1782.0	1725.2	1689.9	1654.5	1658.2	1661.1
15°	1776.1	1684.0	1591.1	1522.6	1499.7	1456.2	1412.8	1368.6	1323.6	1305.2	1286.0
17.5°	1358.2	1284.5	1210.1	1164.4	1164.4	1151.9	1139.4	1117.2	1094.4	1076.0	1056.8
20°	995.6	956.6	916.8	897.6	903.5	904.3	904.3	915.3	926.4	920.5	914.6
22.5°	823.9	809.9	795.9	787.8	790.8	791.5	792.2	802.6	812.1	819.5	826.1
25°	743.6	734.8	725.9	723.0	729.6	730.3	730.3	737.0	743.6	751.0	758.3
27.5°	681.0	677.3	673.6	668.4	675.1	675.1	674.3	681.7	688.3	695.0	700.9
30°	621.3	622.7	623.5	622.0	626.4	629.4	631.6	636.7	641.2	646.3	651.5
32.5°	579.3	577.0	574.8	573.4	582.9	588.1	593.3	598.4	602.8	605.1	607.3
35°	538.7	533.6	528.4	524.7	533.6	540.2	546.8	556.4	565.3	566.7	568.2
37.5°	511.5	504.8	498.2	493.8	497.5	500.4	503.3	513.7	524.0	529.9	535.0
40°	485.7	479.0	472.4	468.7	470.9	471.7	472.4	477.6	482.0	493.0	503.3
42.5°	465.0	456.9	448.8	444.4	445.9	447.3	448.1	447.3	446.6	456.9	467.2
45°	444.4	435.5	426.7	421.5	422.3	422.3	422.3	420.8	418.6	423.8	428.9
47.5°	428.2	417.9	407.5	402.4	400.9	399.4	398.0	397.2	395.8	399.4	402.4
50°	412.0	400.9	389.1	383.2	379.5	378.1	376.6	375.9	374.4	378.1	381.0
52.5°	399.4	386.2	372.9	363.3	359.6	357.4	355.2	356.0	356.0	357.4	358.2
55°	377.3	365.5	353.0	346.4	339.7	338.3	336.8	339.0	340.5	340.5	340.5
57.5°	353.0	342.0	330.2	325.7	319.8	319.8	319.1	322.1	324.3	325.7	327.2
60°	331.6	319.1	306.6	302.9	300.7	299.9	299.2	302.9	305.8	308.8	311.7
62.5°	311.7	298.5	285.2	280.8	280.0	280.8	280.8	284.5	287.4	290.4	293.3
65°	289.6	276.4	262.4	257.9	259.4	261.6	263.8	266.8	269.0	271.9	274.9
67.5°	265.3	254.3	242.5	238.0	238.8	241.7	244.7	246.9	248.4	251.3	254.3
70°	238.8	229.2	219.6	216.7	215.9	219.6	222.6	224.0	225.5	229.2	232.1
72.5°	210.0	201.9	193.8	191.6	192.3	194.6	196.8	199.0	200.5	204.1	207.1
75°	180.6	173.2	165.8	164.3	165.8	168.0	170.2	171.7	173.2	177.6	181.3
77.5°	151.8	143.7	134.9	134.1	136.3	138.6	140.0	142.2	144.4	150.3	156.2
80°	121.6	112.8	103.2	102.4	104.6	106.9	109.1	111.3	113.5	120.9	127.5
82.5°	89.2	78.9	68.5	67.1	74.4	76.6	78.9	82.5	85.5	92.1	98.8
85°	53.8	43.5	33.2	32.4	39.1	42.7	46.4	50.9	54.5	60.4	66.3
87.5°	5.9	2.9	0.0	0.0	0.7	3.7	6.6	10.3	14.0	19.9	25.1
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: P320448
 CATALOG NUMBER: GAN-SA4C-827-U-SLL

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: P320448

CATALOG NUMBER: GAN-SA4C-827-U-SLL

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	5615.7	5615.7	5615.7	5615.7	5615.7	5615.7	5615.7	5615.7	5615.7	5615.7	5615.7
2.5°	4721.0	4687.9	4721.8	4754.9	4768.9	4782.9	4746.8	4710.0	4767.4	4824.2	4838.9
5°	3867.6	3837.4	3860.2	3882.3	3833.0	3783.6	3778.4	3772.5	3815.3	3858.0	3864.7
7.5°	2998.0	2988.4	3009.8	3031.2	2968.5	2905.1	2874.2	2843.2	2853.5	2863.9	2862.4
10°	2235.2	2241.1	2267.7	2293.4	2244.8	2196.2	2174.8	2153.4	2177.0	2199.9	2221.2
12.5°	1674.4	1686.9	1714.9	1742.2	1722.3	1701.7	1703.9	1706.1	1733.3	1759.9	1783.5
15°	1300.7	1315.5	1335.4	1354.5	1355.3	1355.3	1374.4	1392.9	1390.7	1388.4	1404.7
17.5°	1076.7	1095.9	1098.1	1100.3	1101.0	1101.8	1100.3	1098.8	1087.8	1076.7	1089.2
20°	921.9	928.6	934.5	939.6	933.0	925.6	907.2	888.8	881.4	874.0	885.8
22.5°	838.7	850.5	844.6	837.9	824.7	810.7	796.7	781.9	781.2	779.7	786.3
25°	768.7	778.2	767.9	757.6	748.0	738.4	728.9	719.3	718.5	717.8	720.8
27.5°	710.4	719.3	709.7	700.1	692.0	683.9	676.5	669.2	667.7	666.2	667.0
30°	660.3	668.4	660.3	651.5	645.6	639.0	633.8	628.6	627.9	627.2	627.2
32.5°	615.4	623.5	617.6	611.7	606.5	601.4	597.7	594.0	590.3	586.6	578.5
35°	576.3	584.4	580.7	576.3	570.4	564.5	557.9	550.5	540.9	530.6	526.2
37.5°	543.1	551.3	547.6	543.9	535.8	527.7	515.9	503.3	500.4	496.7	496.0
40°	516.6	529.1	521.8	513.7	501.1	488.6	482.7	476.8	475.3	473.9	472.4
42.5°	487.1	506.3	493.0	479.8	468.0	456.2	454.7	453.2	452.5	451.8	451.8
45°	450.3	470.9	457.7	443.7	437.0	430.4	430.4	430.4	431.1	431.1	432.6
47.5°	415.7	428.2	421.5	414.9	411.2	407.5	408.3	409.0	411.2	412.7	416.4
50°	386.2	390.6	392.1	392.8	390.6	388.4	389.9	390.6	392.8	394.3	397.2
52.5°	364.8	371.4	371.4	370.7	370.7	370.7	372.2	373.6	375.9	378.1	381.0
55°	350.8	360.4	357.4	354.5	355.2	355.2	356.7	358.2	360.4	361.9	366.3
57.5°	337.5	347.8	344.9	342.0	342.0	342.0	342.7	343.4	345.6	347.1	350.1
60°	322.1	332.4	329.4	325.7	326.5	327.2	328.0	328.0	329.4	330.2	330.2
62.5°	303.6	313.9	311.0	307.3	309.5	311.0	311.0	311.0	312.5	313.2	311.0
65°	284.5	294.1	291.1	288.2	291.1	293.3	294.8	295.5	294.8	294.1	291.8
67.5°	263.8	273.4	270.5	266.8	270.5	273.4	276.4	278.6	276.4	274.2	271.2
70°	241.7	251.3	247.6	243.9	247.6	251.3	254.3	257.2	254.3	251.3	250.6
72.5°	218.1	229.2	224.8	220.4	224.8	229.2	230.7	232.1	229.9	227.7	226.2
75°	192.3	203.4	199.7	195.3	199.0	202.7	203.4	204.1	204.1	203.4	199.0
77.5°	165.1	173.9	171.7	169.5	171.7	173.9	173.9	173.9	174.7	174.7	168.8
80°	132.7	137.8	138.6	139.3	140.0	140.8	140.0	139.3	137.8	136.3	132.7
82.5°	98.8	98.8	104.6	109.8	109.8	109.1	108.3	106.9	103.9	100.2	92.1
85°	62.6	59.0	68.5	77.4	77.4	76.6	75.2	73.0	67.1	60.4	53.8
87.5°	21.4	17.7	27.3	36.8	37.6	37.6	36.1	34.6	28.7	22.1	17.0
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: P320448
 CATALOG NUMBER: GAN-SA4C-827-U-SLL

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: P320448

CATALOG NUMBER: GAN-SA4C-827-U-SLL

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	5615.7	5615.7	5615.7	5615.7	5615.7	5615.7	5615.7	5615.7	5615.7	5615.7	5615.7
2.5°	4861.0	4870.6	4879.5	4951.7	5023.2	5107.2	5191.2	5255.3	5318.7	5384.3	5449.9
5°	3887.5	3899.3	3911.1	3998.8	4085.8	4202.9	4320.1	4421.1	4522.0	4640.7	4759.3
7.5°	2881.5	2907.3	2932.4	3026.0	3118.9	3244.9	3370.2	3502.1	3633.3	3788.0	3942.8
10°	2263.2	2311.9	2359.8	2455.6	2551.4	2675.9	2799.7	2937.6	3075.4	3227.9	3379.7
12.5°	1832.1	1897.0	1961.1	2076.0	2191.0	2339.9	2488.0	2641.3	2793.8	2928.0	3062.1
15°	1447.4	1518.2	1588.2	1709.8	1831.4	1995.0	2157.8	2325.1	2491.7	2652.3	2813.0
17.5°	1129.0	1187.3	1244.7	1347.9	1450.4	1608.8	1767.3	1942.6	2118.0	2314.1	2509.4
20°	910.9	935.2	959.5	1034.0	1107.7	1236.6	1364.9	1543.9	1723.0	1957.4	2191.7
22.5°	798.1	810.7	822.5	858.6	893.9	977.2	1059.8	1218.2	1375.9	1631.6	1886.6
25°	730.3	739.9	749.5	773.1	796.7	836.5	876.3	987.5	1098.8	1350.1	1600.7
27.5°	669.2	683.9	697.9	709.0	719.3	746.5	773.1	846.0	919.0	1153.4	1387.0
30°	624.9	630.1	635.3	652.2	668.4	696.4	724.4	775.3	826.1	1024.4	1221.9
32.5°	573.4	580.7	588.1	605.8	623.5	649.3	675.1	716.3	756.9	926.4	1095.1
35°	526.9	534.3	541.7	559.4	576.3	604.3	631.6	666.2	700.1	847.5	994.9
37.5°	498.2	505.6	512.9	528.4	543.1	571.2	598.4	625.7	652.2	788.6	924.9
40°	473.9	481.2	488.6	503.3	517.4	544.6	571.2	594.0	616.8	744.3	871.8
42.5°	452.5	460.6	468.7	483.5	497.5	521.8	546.1	576.3	605.8	706.0	805.5
45°	434.8	442.9	450.3	466.5	482.7	506.3	529.9	571.9	613.9	686.1	758.3
47.5°	418.6	427.4	435.5	453.2	470.9	500.4	529.1	564.5	599.2	670.6	742.1
50°	403.1	413.4	423.8	445.1	465.8	515.1	563.8	568.9	573.4	658.1	742.1
52.5°	388.4	400.2	412.0	438.5	464.3	521.8	579.3	560.8	541.7	634.5	727.4
55°	373.6	384.0	393.5	426.0	458.4	500.4	542.4	518.1	493.0	590.3	687.6
57.5°	353.7	364.8	375.1	409.8	444.4	473.9	502.6	480.5	457.7	540.2	622.0
60°	333.1	345.6	358.2	402.4	445.9	440.7	434.8	430.4	425.2	484.2	543.1
62.5°	314.7	328.0	341.2	398.7	456.2	420.8	385.4	389.1	392.1	435.5	479.0
65°	296.3	309.5	322.1	350.8	379.5	365.5	351.5	357.4	362.6	405.3	448.1
67.5°	275.6	287.4	298.5	308.1	317.6	319.1	320.6	326.5	332.4	383.2	433.3
70°	252.8	262.4	271.9	278.6	284.5	287.4	289.6	297.0	304.4	359.6	414.9
72.5°	227.0	235.1	242.5	248.4	254.3	256.5	257.9	265.3	272.7	331.6	390.6
75°	199.0	205.6	211.5	216.7	221.8	224.8	227.7	232.9	238.0	302.2	365.5
77.5°	168.0	174.7	180.6	185.0	188.7	191.6	193.8	200.5	207.1	260.9	313.9
80°	131.2	139.3	146.7	150.3	153.3	154.0	154.0	159.9	165.8	204.1	241.7
82.5°	92.9	101.7	109.8	112.8	115.7	115.7	115.7	122.3	129.0	154.8	179.8
85°	54.5	64.1	73.0	75.9	78.9	80.3	81.1	84.0	86.2	104.6	122.3
87.5°	17.0	25.1	32.4	33.9	35.4	38.3	41.3	42.0	42.0	54.5	67.1
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: P320448
 CATALOG NUMBER: GAN-SA4C-827-U-SLL

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°	5615.7	5615.7	5615.7	5615.7	5615.7	5615.7	5615.7
2.5°	5525.1	5600.2	5687.9	5774.9	5849.3	5923.8	5985.7
5°	4910.4	5061.5	5246.5	5430.7	5595.1	5759.4	5950.3
7.5°	4138.1	4333.4	4572.9	4812.4	5044.5	5276.0	5569.3
10°	3578.7	3777.0	4030.5	4283.3	4544.1	4804.3	5135.9
12.5°	3223.5	3384.2	3629.6	3875.0	4181.6	4487.4	4806.5
15°	2989.1	3164.5	3403.3	3642.1	3977.4	4312.7	4679.7
17.5°	2739.3	2968.5	3274.4	3580.2	3977.4	4373.9	4806.5
20°	2477.7	2762.9	3159.4	3555.9	4090.9	4625.2	5177.2
22.5°	2216.8	2547.0	3055.5	3563.2	4262.6	4961.3	5706.3
25°	1981.7	2362.7	2992.1	3620.7	4512.5	5403.5	6327.6
27.5°	1803.4	2219.0	2966.3	3712.8	4829.4	5945.9	7003.4
30°	1644.9	2067.9	2935.3	3802.8	5134.5	6465.4	7531.8
32.5°	1507.8	1920.5	2875.7	3830.0	5347.4	6864.9	7979.2
35°	1400.2	1805.6	2775.4	3745.3	5480.8	7216.4	8444.9
37.5°	1307.4	1689.9	2661.2	3632.5	5599.5	7566.5	8968.9
40°	1218.9	1566.1	2563.2	3559.6	5763.1	7966.6	9522.4
42.5°	1134.9	1464.4	2484.3	3504.3	5914.9	8324.8	10006.6
45°	1072.3	1386.2	2414.3	3441.6	6012.9	8584.2	10371.4
47.5°	1041.3	1339.8	2376.7	3412.9	6110.9	8808.2	10674.3
50°	1036.9	1331.7	2419.5	3507.2	6323.2	9138.4	11020.6
52.5°	1036.2	1345.0	2542.5	3740.1	6717.5	9694.1	11395.7
55°	1020.7	1353.1	2689.2	4024.6	7246.6	10467.9	12070.1
57.5°	973.5	1325.1	2840.3	4354.7	7806.0	11256.5	12829.9
60°	900.6	1257.3	2964.8	4671.6	8181.8	11691.3	13122.5
62.5°	809.2	1138.6	3006.1	4872.8	8171.5	11470.2	12827.7
65°	731.1	1014.1	2870.5	4726.2	7758.1	10789.2	12244.7
67.5°	661.8	889.5	2531.5	4172.7	7014.5	9855.5	11503.3
70°	611.7	807.7	2094.5	3381.2	6083.7	8785.4	10644.8
72.5°	580.0	768.7	1707.6	2645.7	4937.0	7227.4	9105.2
75°	536.5	707.5	1339.8	1971.4	3778.4	5585.5	6877.4
77.5°	455.4	596.2	1009.6	1423.1	2772.5	4121.1	4782.9
80°	351.5	460.6	694.2	927.8	1908.0	2888.2	3261.1
82.5°	250.6	321.3	420.8	520.3	1267.6	2014.1	2045.1
85°	154.8	187.2	241.0	294.8	838.7	1382.6	1151.9
87.5°	83.3	99.5	127.5	154.8	268.3	381.7	219.6
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)