

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: P320458

Luminaire Tested: **GAN-SA4D-827-U-SLL**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P320458
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-SA4D-827-U-SLL
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(4) 80 CRI, 2700K, 1200mA 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: 20220 lumens
Efficiency: N/A
Efficacy: 78.4 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): 258
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

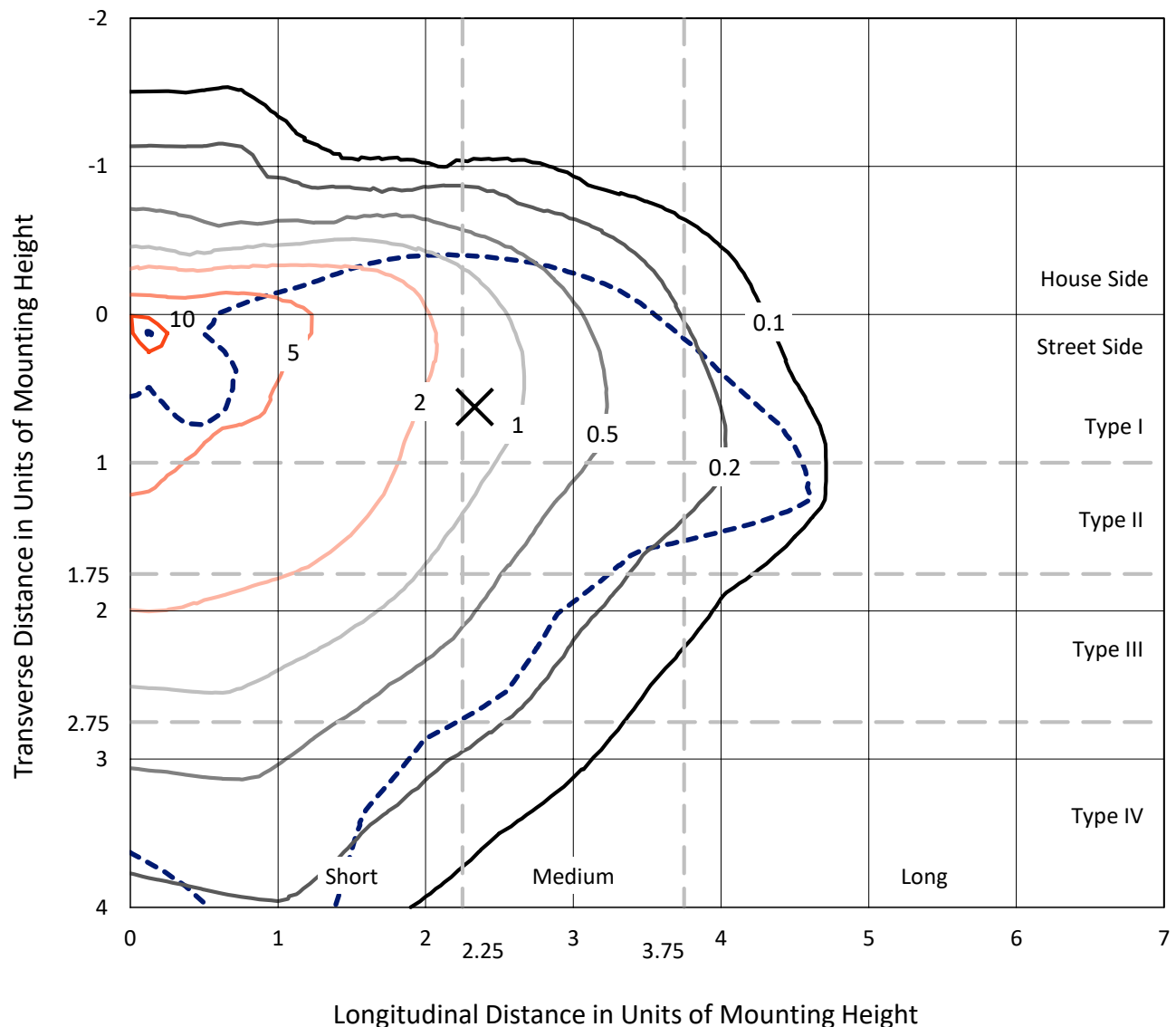


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Iso-Footcandle Lines of Horizontal Illumination

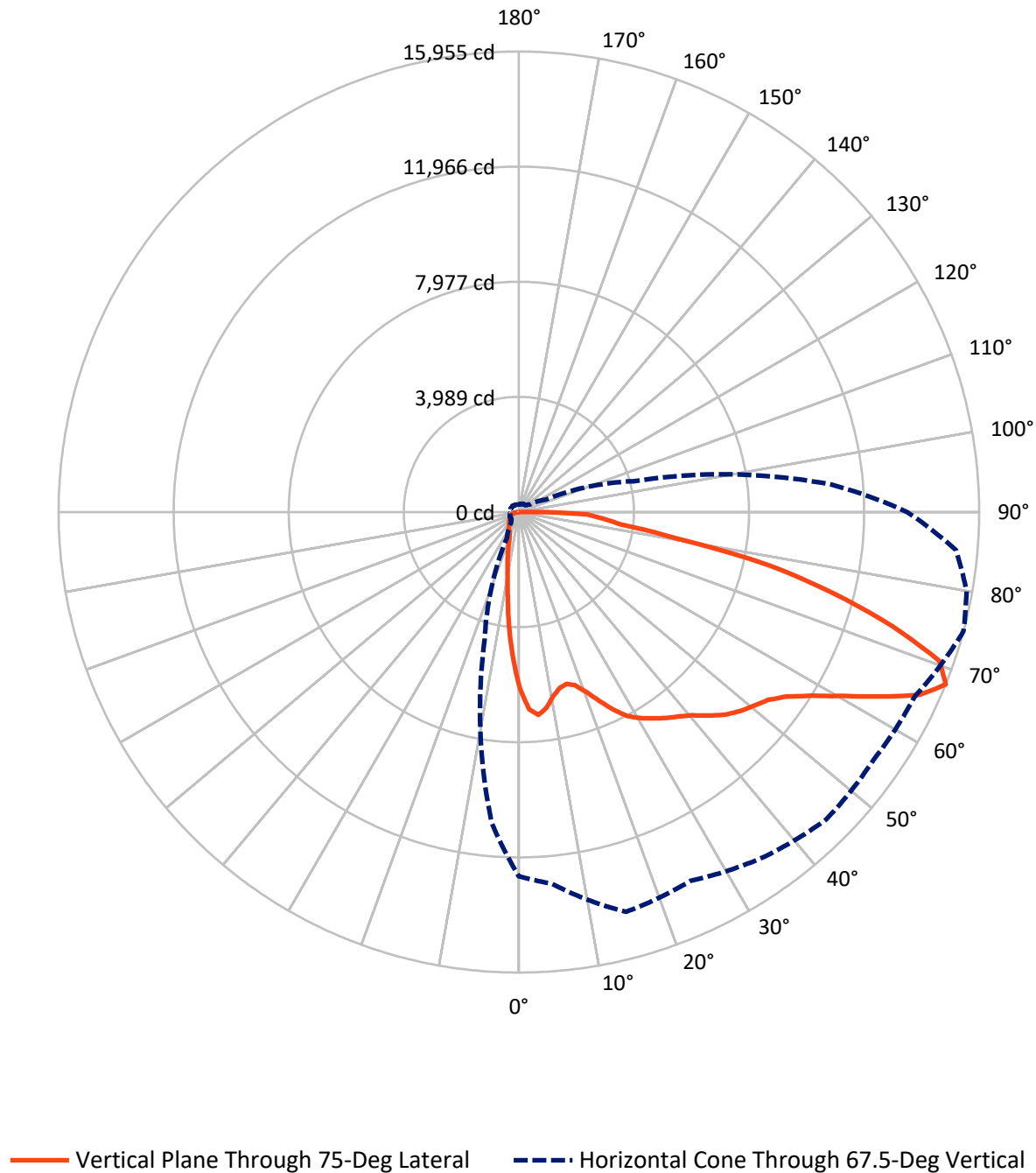
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 12.4 fc
 Type III - Medium - N/A

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Luminous Intensity Polar Plot



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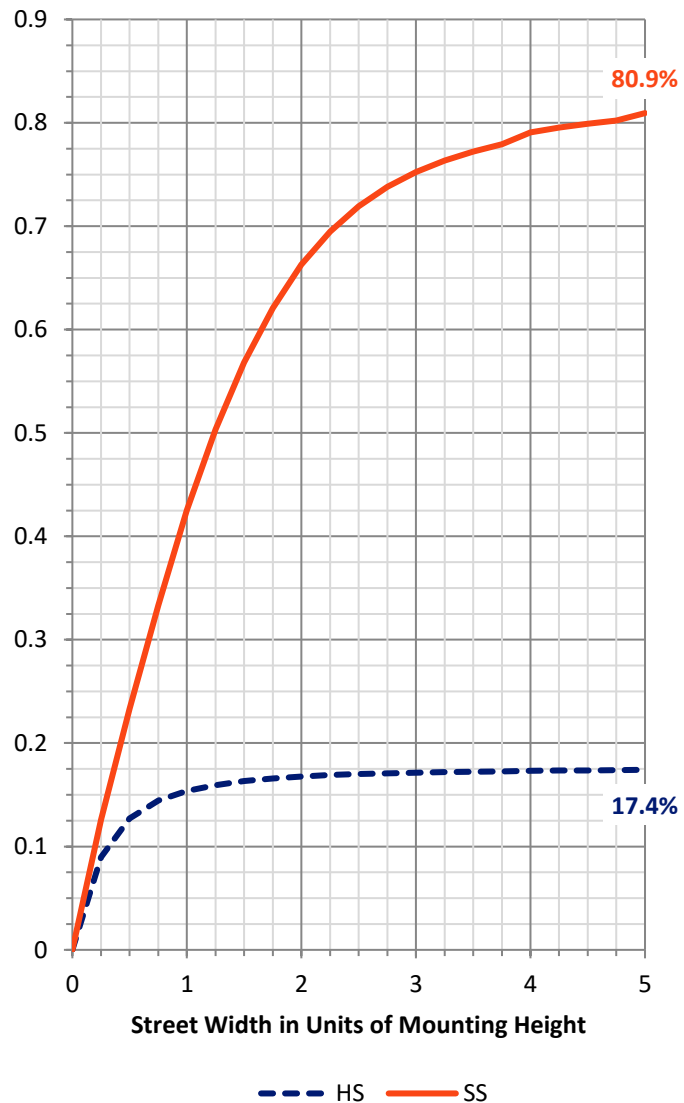
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3561.2	0.0	3561.2
	% Fixture	17.6	0.0	17.6
Street Side	Lumens	16658.8	0.0	16658.8
	% Fixture	82.4	0.0	82.4
Total	Lumens	20220.0	0.0	20220.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	475.4	2.4
10°-20°	987.6	4.9
20°-30°	1404.6	6.9
30°-40°	2024.1	10.0
40°-50°	2852.5	14.1
50°-60°	3965.5	19.6
60°-70°	4795.5	23.7
70°-80°	2947.7	14.6
80°-90°	767.0	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°	20220.0	100.0
0°-180°	20220.0	100.0

Coefficient of Utilization



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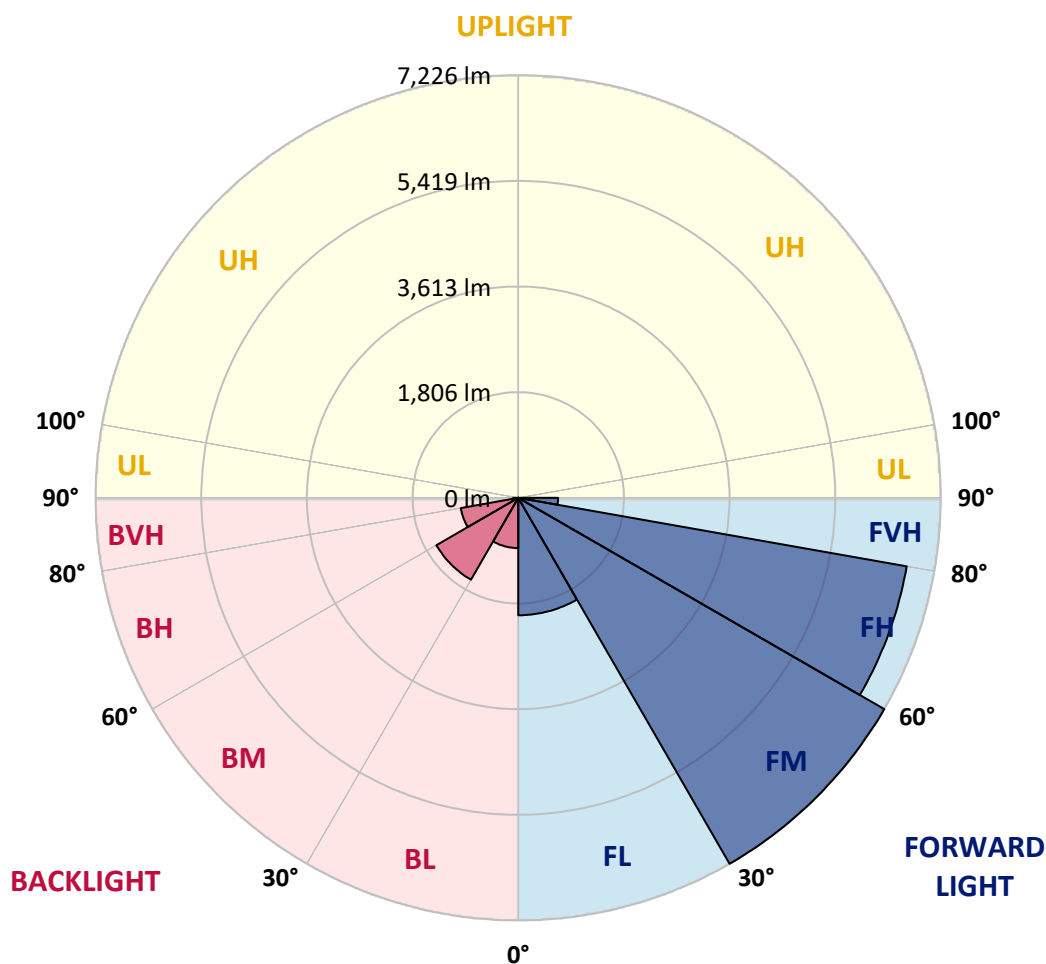
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	2007.6	9.9			
FM	(30°-60°)	7225.6	35.7			
FH	(60°-80°)	6744.7	33.4			G3/7500
FVH	(80°-90°)	680.9	3.4			G4/750
BL	(0°-30°)	860.1	4.3	B2/1000		
BM	(30°-60°)	1616.5	8.0	B2/2500		
BH	(60°-80°)	998.4	4.9	B2/1000		G2/1000
BVH	(80°-90°)	86.2	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°	6160.1	6160.1	6160.1	6160.1	6160.1	6160.1	6160.1	6160.1	6160.1	6160.1	6160.1
2.5°	6565.9	6652.4	6712.3	6771.3	6817.4	6862.6	6928.9	6995.2	7008.1	7020.3	6994.4
5°	6527.1	6738.1	6917.6	7096.3	7262.0	7427.7	7527.1	7626.6	7646.8	7667.0	7604.8
7.5°	6109.2	6420.4	6731.7	7042.9	7328.3	7613.6	7787.5	7960.5	8000.1	8038.9	7937.0
10°	5633.8	5996.0	6378.4	6760.8	7136.7	7512.6	7764.0	8015.4	8065.6	8115.7	7988.8
12.5°	5272.5	5667.8	6076.0	6484.3	6881.2	7277.3	7537.7	7798.0	7860.2	7922.5	7830.3
15°	5133.4	5566.7	5950.7	6334.7	6680.7	7025.9	7239.4	7452.0	7477.8	7502.9	7488.3
17.5°	5272.5	5750.3	6097.9	6444.7	6633.0	6820.6	6906.3	6991.2	7019.5	7046.9	7084.1
20°	5679.1	6194.9	6439.8	6684.0	6675.9	6667.0	6625.8	6583.7	6576.5	6569.2	6674.3
22.5°	6259.6	6858.6	6956.4	7053.4	6826.3	6599.1	6460.8	6321.8	6294.3	6266.0	6377.6
25°	6941.0	7578.9	7561.1	7542.5	7110.0	6676.7	6413.2	6149.6	6118.9	6088.2	6183.6
27.5°	7682.4	8291.9	8175.5	8059.1	7471.4	6883.6	6501.3	6118.9	6088.2	6057.4	6141.5
30°	8262.0	8815.0	8628.2	8441.5	7776.1	7110.8	6656.5	6202.2	6152.0	6101.1	6204.6
32.5°	8752.7	9223.2	8972.6	8722.0	8023.5	7325.0	6833.5	6342.0	6263.6	6185.2	6323.4
35°	9263.6	9630.6	9278.2	8924.9	8244.2	7562.7	7042.9	6522.3	6426.1	6329.9	6519.9
37.5°	9838.4	10143.2	9637.1	9130.2	8492.4	7854.6	7356.6	6857.8	6759.2	6660.5	6903.1
40°	10445.5	10699.4	10024.3	9349.3	8764.0	8178.7	7790.7	7401.8	7308.1	7213.5	7507.7
42.5°	10976.7	11161.8	10384.9	9608.0	9091.4	8574.0	8300.8	8026.7	8025.9	8024.3	8322.6
45°	11376.8	11537.7	10685.6	9832.7	9410.8	8988.0	8845.7	8703.4	8817.4	8931.4	9201.4
47.5°	11709.1	11818.2	10937.8	10056.7	9776.2	9495.6	9516.7	9537.7	9769.7	10001.7	10175.5
50°	12089.0	12000.9	11166.6	10331.5	10245.0	10158.5	10347.7	10536.1	10802.8	11068.8	11186.8
52.5°	12500.5	12266.9	11477.1	10686.4	10783.4	10880.4	11265.3	11650.1	11919.3	12188.5	12232.9
55°	13240.2	12882.1	12047.8	11212.7	11399.5	11585.4	12150.5	12714.7	12924.9	13135.1	13151.3
57.5°	14073.7	13756.0	12847.3	11938.7	12139.2	12339.6	12992.0	13643.6	13870.8	14097.1	14065.6
60°	14394.6	14410.0	13606.4	12802.1	13004.2	13206.3	13841.7	14477.1	14738.2	14998.5	14929.0
62.5°	14071.3	14450.4	14021.1	13591.1	13774.6	13957.3	14579.8	15202.2	15469.8	15737.4	15616.1
65°	13431.8	13807.7	14000.1	14192.5	14253.2	14313.8	14895.0	15475.5	15680.8	15885.3	15823.9
67.5°	12618.5	12922.5	13632.3	14341.3	14219.2	14097.1	14369.6	14642.0	14853.0	15064.0	15029.2
70°	11676.7	12038.9	12985.6	13932.2	13332.4	12731.7	12619.3	12507.0	12735.0	12962.1	12821.5
72.5°	9988.0	10534.4	11544.2	12553.1	11448.0	10342.9	9958.9	9574.9	9863.5	10152.1	9928.1
75°	7544.1	8269.3	9384.9	10499.7	9181.2	7862.6	7350.1	6837.6	7085.8	7333.9	7180.3
77.5°	5246.6	6156.1	7254.7	8353.3	7013.0	5671.8	5291.1	4909.5	4983.9	5057.4	5031.6
80°	3577.2	4175.5	4941.8	5707.4	4814.9	3922.4	3952.3	3981.4	3946.7	3911.1	3962.8
82.5°	2243.3	2664.5	3256.3	3847.2	3373.5	2899.8	3171.4	3443.0	3309.6	3175.5	3225.6
85°	1263.6	1520.6	2099.5	2677.5	2495.6	2312.9	2472.1	2630.6	2423.6	2216.7	2308.0
87.5°	240.9	401.0	1161.7	1921.6	1744.6	1567.5	1362.2	1156.8	882.8	608.7	889.3
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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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°	6160.1	6160.1	6160.1	6160.1	6160.1	6160.1	6160.1	6160.1	6160.1	6160.1	6160.1
2.5°	6968.5	6954.8	6941.0	6891.7	6841.6	6767.2	6705.8	6599.1	6540.9	6452.8	6364.6
5°	7541.7	7454.4	7367.1	7216.7	7065.5	6897.4	6704.2	6490.0	6328.3	6118.1	5907.9
7.5°	7835.2	7631.4	7426.9	7138.3	6848.9	6588.6	6283.0	5998.4	5755.9	5482.7	5209.4
10°	7861.8	7556.2	7249.9	6874.8	6498.8	6182.8	5831.1	5515.0	5224.0	4910.3	4595.8
12.5°	7737.3	7412.4	7086.6	6673.5	6259.6	5900.6	5522.3	5168.2	4845.6	4500.4	4154.4
15°	7473.8	7214.3	6954.0	6566.8	6179.5	5817.4	5450.3	5030.8	4666.2	4312.9	3958.8
17.5°	7120.5	6997.6	6873.9	6594.2	6313.7	6000.1	5644.3	5152.0	4725.2	4341.2	3957.2
20°	6778.6	6823.8	6868.3	6756.7	6645.2	6393.7	6083.3	5530.4	4985.5	4483.5	3980.6
22.5°	6488.3	6705.8	6922.5	7009.0	7094.6	6943.5	6700.9	6061.5	5340.4	4684.8	4029.1
25°	6278.1	6638.7	6999.3	7287.0	7574.0	7506.9	7320.2	6706.6	5810.9	4975.0	4138.3
27.5°	6225.6	6667.8	7110.0	7556.2	8001.7	8063.9	8012.2	7386.5	6371.9	5335.5	4298.3
30°	6308.1	6755.9	7203.0	7746.2	8288.7	8536.9	8606.4	7953.2	7013.0	5755.9	4498.0
32.5°	6461.7	6900.6	7339.6	7931.4	8522.3	8897.4	9118.9	8471.4	7460.0	6072.8	4684.8
35°	6709.8	7120.5	7531.2	8147.2	8763.2	9248.3	9652.5	9006.5	7857.0	6294.3	4730.8
37.5°	7144.8	7498.0	7851.3	8420.4	8988.8	9617.7	10224.8	9595.9	8286.2	6507.7	4728.4
40°	7802.0	8051.8	8300.8	8781.8	9262.0	10053.4	10873.2	10253.1	8760.8	6738.9	4717.1
42.5°	8620.9	8749.5	8877.2	9258.0	9638.7	10508.6	11461.7	10895.8	9213.5	6954.0	4694.5
45°	9470.6	9504.5	9538.5	9778.6	10017.9	10869.1	11862.7	11378.4	9608.8	7140.7	4671.8
47.5°	10348.5	10232.1	10115.7	10211.1	10306.5	11145.6	12148.9	11744.6	10005.7	7347.7	4688.8
50°	11304.9	10980.7	10656.5	10606.4	10556.3	11422.1	12486.0	12210.3	10482.7	7649.2	4815.7
52.5°	12276.6	11742.2	11207.9	11009.8	10810.9	11751.9	12933.0	12789.9	11163.4	8116.5	5068.8
55°	13167.5	12487.6	11807.7	11540.9	11274.1	12256.4	13478.7	13641.2	12035.7	8713.9	5391.3
57.5°	14033.3	13262.8	12492.4	12245.1	11997.7	12997.7	14169.9	14405.1	12916.8	9287.1	5656.5
60°	14859.5	14097.1	13334.0	13135.9	12937.1	13919.3	14916.9	14745.5	13371.2	9555.5	5738.9
62.5°	15494.9	14888.6	14282.3	14178.0	14072.9	14851.4	15490.8	14612.9	13082.6	9291.1	5499.6
65°	15762.5	15417.3	15071.3	15169.1	15266.1	15556.3	15633.9	14224.9	12175.5	8550.6	4925.7
67.5°	14993.7	15064.0	15134.3	15545.0	15954.9	15755.2	15208.7	13460.1	10884.5	7501.3	4118.1
70°	12680.0	13102.0	13523.2	14494.9	15465.8	15022.8	14069.6	12087.4	9330.7	6292.7	3253.9
72.5°	9703.4	10177.9	10651.7	12093.9	13535.3	13127.0	11959.7	9928.1	7481.1	5025.1	2568.3
75°	7025.9	7561.9	8097.1	9688.0	11279.0	10712.3	8945.9	7108.4	5682.3	3835.9	1988.7
77.5°	5004.9	5363.8	5722.8	7294.3	8865.1	7941.9	5954.8	4783.4	3932.9	2666.2	1398.6
80°	4014.6	3904.6	3794.7	4670.2	5545.7	5392.1	3938.6	3072.0	2721.9	1786.6	851.3
82.5°	3274.9	3006.5	2738.1	3150.4	3562.7	3540.0	2733.2	2253.9	2025.9	1241.7	457.6
85°	2398.6	2291.0	2183.5	2548.1	2912.7	2601.5	1851.3	1432.5	1579.6	914.3	249.0
87.5°	1169.8	1336.3	1502.0	1932.1	2361.4	1772.9	561.8	278.1	384.8	253.0	120.5
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: P320458
 CATALOG NUMBER: GAN-SA4D-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: P320458

CATALOG NUMBER: GAN-SA4D-827-U-SLL

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	6160.1	6160.1	6160.1	6160.1	6160.1	6160.1	6160.1	6160.1	6160.1	6160.1	6160.1
2.5°	6299.2	6232.9	6157.7	6082.5	5996.8	5910.3	5859.4	5807.6	5751.9	5696.1	5633.0
5°	5768.8	5629.8	5472.2	5314.5	5158.5	5002.5	4918.4	4834.3	4745.4	4655.7	4578.1
7.5°	5007.3	4804.4	4586.1	4367.1	4173.0	3978.2	3857.8	3736.5	3626.5	3515.8	3422.8
10°	4337.1	4078.5	3859.4	3639.5	3493.2	3346.8	3236.1	3125.3	3018.6	2911.1	2808.4
12.5°	3895.7	3637.1	3498.0	3359.0	3237.7	3116.4	2988.7	2860.2	2713.8	2566.7	2459.2
15°	3723.6	3488.3	3333.9	3178.7	3016.2	2852.9	2696.1	2539.2	2366.2	2193.2	2071.2
17.5°	3649.2	3341.2	3125.3	2908.7	2694.4	2480.2	2298.3	2116.4	1927.3	1738.1	1614.4
20°	3570.8	3160.9	2871.5	2581.3	2306.4	2031.5	1825.4	1619.3	1450.3	1281.3	1186.8
22.5°	3499.6	2969.3	2606.3	2242.5	1917.6	1592.6	1390.5	1187.6	1084.1	980.6	942.6
25°	3470.5	2802.0	2355.7	1909.5	1566.7	1223.1	1079.2	935.3	895.7	855.3	835.9
27.5°	3475.4	2652.4	2144.7	1636.2	1327.4	1018.6	920.0	821.3	797.1	772.0	759.9
30°	3494.0	2489.9	1945.9	1401.8	1147.1	892.5	828.6	764.0	738.1	712.2	696.9
32.5°	3515.0	2344.4	1792.3	1239.3	1031.5	823.0	770.4	717.1	692.0	666.9	651.6
35°	3478.6	2225.6	1687.2	1148.8	957.2	764.8	720.3	675.0	647.5	620.1	605.5
37.5°	3417.2	2105.9	1605.5	1104.3	908.7	712.2	679.9	646.7	618.4	589.3	575.6
40°	3361.4	2004.9	1544.9	1084.1	882.0	679.1	651.6	624.1	595.0	565.1	548.9
42.5°	3316.1	1937.0	1485.1	1033.2	857.7	681.5	642.7	603.1	574.8	546.5	528.7
45°	3282.2	1892.5	1438.2	983.8	835.1	686.3	637.0	587.7	559.4	530.3	509.3
47.5°	3278.9	1869.1	1405.0	941.0	792.2	642.7	622.5	602.3	561.0	519.0	494.7
50°	3323.4	1831.1	1366.2	900.6	751.0	601.5	628.9	655.6	585.3	514.2	483.4
52.5°	3416.4	1764.0	1304.8	845.6	700.9	555.4	598.2	640.3	579.6	518.2	478.6
55°	3528.7	1665.3	1211.8	757.5	634.6	510.9	548.9	586.1	548.1	509.3	461.6
57.5°	3599.1	1540.8	1094.6	648.3	560.2	472.1	493.9	515.0	499.6	484.2	435.7
60°	3557.0	1375.1	962.8	549.7	494.7	439.8	435.7	430.9	453.5	476.2	420.4
62.5°	3351.7	1203.7	846.4	489.1	447.9	405.8	396.9	387.2	424.4	460.8	401.8
65°	3004.9	1084.1	772.8	461.6	415.5	369.4	359.7	350.0	361.4	372.7	345.2
67.5°	2564.3	1010.5	730.8	451.1	395.3	338.7	327.4	316.1	313.7	311.2	301.5
70°	2110.0	965.2	703.3	441.4	373.5	304.8	294.3	283.8	280.5	276.5	269.2
72.5°	1764.0	959.6	700.1	440.6	355.7	270.8	261.1	251.4	247.4	242.5	236.9
75°	1444.6	900.6	664.5	428.5	331.4	233.6	224.7	215.8	212.6	208.6	203.7
77.5°	1072.0	745.4	558.6	371.9	283.8	195.6	186.7	177.0	176.2	174.6	170.6
80°	695.2	539.2	399.4	259.5	207.0	153.6	146.3	138.2	139.0	139.9	136.6
82.5°	386.4	314.5	244.1	173.8	141.5	109.1	105.9	101.9	104.3	105.9	101.9
85°	203.7	158.4	131.0	103.5	81.6	59.8	59.8	59.0	62.2	65.5	62.2
87.5°	88.1	55.8	47.7	38.8	21.8	4.0	4.9	4.9	6.5	8.1	7.3
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: P320458
 CATALOG NUMBER: GAN-SA4D-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: P320458

CATALOG NUMBER: GAN-SA4D-827-U-SLL

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	6160.1	6160.1	6160.1	6160.1	6160.1	6160.1	6160.1	6160.1	6160.1	6160.1	6160.1
2.5°	5569.2	5510.2	5450.3	5384.8	5397.0	5346.9	5296.7	5265.2	5233.7	5224.0	5214.3
5°	4500.4	4433.3	4365.4	4304.8	4357.4	4321.8	4286.2	4281.4	4275.7	4275.7	4274.9
7.5°	3329.9	3257.9	3185.2	3135.0	3186.8	3180.3	3173.8	3208.6	3243.4	3271.7	3299.1
10°	2705.8	2618.5	2530.3	2456.0	2443.0	2405.8	2367.8	2375.9	2383.2	2413.9	2444.6
12.5°	2351.7	2247.4	2143.1	2055.8	2016.2	1954.7	1892.5	1853.7	1814.9	1818.9	1822.2
15°	1948.3	1847.2	1745.4	1670.2	1645.1	1597.4	1549.7	1501.2	1451.9	1431.7	1410.7
17.5°	1489.9	1409.1	1327.4	1277.3	1277.3	1263.6	1249.8	1225.6	1200.5	1180.3	1159.3
20°	1092.2	1049.3	1005.7	984.6	991.1	991.9	991.9	1004.1	1016.2	1009.7	1003.2
22.5°	903.8	888.4	873.1	864.2	867.4	868.2	869.0	880.4	890.9	899.0	906.2
25°	815.7	806.0	796.3	793.1	800.3	801.1	801.1	808.4	815.7	823.8	831.9
27.5°	747.0	742.9	738.9	733.2	740.5	740.5	739.7	747.8	755.1	762.3	768.8
30°	681.5	683.1	683.9	682.3	687.2	690.4	692.8	698.5	703.3	709.0	714.6
32.5°	635.4	633.0	630.6	628.9	639.5	645.1	650.8	656.4	661.3	663.7	666.1
35°	591.0	585.3	579.6	575.6	585.3	592.6	599.8	610.4	620.1	621.7	623.3
37.5°	561.0	553.8	546.5	541.6	545.7	548.9	552.1	563.5	574.8	581.2	586.9
40°	532.7	525.5	518.2	514.2	516.6	517.4	518.2	523.9	528.7	540.8	552.1
42.5°	510.1	501.2	492.3	487.5	489.1	490.7	491.5	490.7	489.9	501.2	512.5
45°	487.5	477.8	468.1	462.4	463.2	463.2	463.2	461.6	459.2	464.8	470.5
47.5°	469.7	458.4	447.1	441.4	439.8	438.2	436.5	435.7	434.1	438.2	441.4
50°	451.9	439.8	426.8	420.4	416.3	414.7	413.1	412.3	410.7	414.7	418.0
52.5°	438.2	423.6	409.1	398.5	394.5	392.1	389.7	390.5	390.5	392.1	392.9
55°	413.9	401.0	387.2	380.0	372.7	371.1	369.4	371.9	373.5	373.5	373.5
57.5°	387.2	375.1	362.2	357.3	350.9	350.9	350.0	353.3	355.7	357.3	358.9
60°	363.8	350.0	336.3	332.3	329.8	329.0	328.2	332.3	335.5	338.7	342.0
62.5°	342.0	327.4	312.9	308.0	307.2	308.0	308.0	312.0	315.3	318.5	321.7
65°	317.7	303.2	287.8	282.9	284.6	287.0	289.4	292.6	295.1	298.3	301.5
67.5°	291.0	278.9	266.0	261.1	261.9	265.2	268.4	270.8	272.4	275.7	278.9
70°	261.9	251.4	240.9	237.7	236.9	240.9	244.1	245.8	247.4	251.4	254.7
72.5°	230.4	221.5	212.6	210.2	211.0	213.4	215.8	218.3	219.9	223.9	227.2
75°	198.1	190.0	181.9	180.3	181.9	184.3	186.7	188.4	190.0	194.8	198.9
77.5°	166.5	157.6	147.9	147.1	149.6	152.0	153.6	156.0	158.4	164.9	171.4
80°	133.4	123.7	113.2	112.4	114.8	117.2	119.6	122.1	124.5	132.6	139.9
82.5°	97.8	86.5	75.2	73.6	81.6	84.1	86.5	90.5	93.8	101.1	108.3
85°	59.0	47.7	36.4	35.6	42.8	46.9	50.9	55.8	59.8	66.3	72.8
87.5°	6.5	3.2	0.0	0.0	0.8	4.0	7.3	11.3	15.4	21.8	27.5
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: P320458
 CATALOG NUMBER: GAN-SA4D-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: P320458

CATALOG NUMBER: GAN-SA4D-827-U-SLL

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	6160.1	6160.1	6160.1	6160.1	6160.1	6160.1	6160.1	6160.1	6160.1	6160.1	6160.1
2.5°	5178.7	5142.3	5179.5	5215.9	5231.2	5246.6	5207.0	5166.6	5229.6	5291.9	5308.0
5°	4242.6	4209.4	4234.5	4258.7	4204.6	4150.4	4144.7	4138.3	4185.2	4232.0	4239.3
7.5°	3288.6	3278.1	3301.6	3325.0	3256.3	3186.8	3152.8	3118.9	3130.2	3141.5	3139.9
10°	2451.9	2458.4	2487.5	2515.8	2462.4	2409.1	2385.6	2362.2	2388.1	2413.1	2436.6
12.5°	1836.7	1850.5	1881.2	1911.1	1889.3	1866.6	1869.1	1871.5	1901.4	1930.5	1956.4
15°	1426.9	1443.0	1464.8	1485.9	1486.7	1486.7	1507.7	1527.9	1525.5	1523.1	1540.8
17.5°	1181.1	1202.1	1204.5	1207.0	1207.8	1208.6	1207.0	1205.3	1193.2	1181.1	1194.8
20°	1011.3	1018.6	1025.1	1030.7	1023.5	1015.4	995.2	974.9	966.9	958.8	971.7
22.5°	920.0	932.9	926.4	919.2	904.6	889.3	873.9	857.7	856.9	855.3	862.6
25°	843.2	853.7	842.4	831.1	820.5	810.0	799.5	789.0	788.2	787.4	790.6
27.5°	779.3	789.0	778.5	768.0	759.1	750.2	742.1	734.0	732.4	730.8	731.6
30°	724.3	733.2	724.3	714.6	708.2	700.9	695.2	689.6	688.8	688.0	688.0
32.5°	675.0	683.9	677.5	671.0	665.3	659.7	655.6	651.6	647.5	643.5	634.6
35°	632.2	641.1	637.0	632.2	625.7	619.2	612.0	603.9	593.4	582.1	577.2
37.5°	595.8	604.7	600.7	596.6	587.7	578.8	565.9	552.1	548.9	544.9	544.1
40°	566.7	580.4	572.4	563.5	549.7	536.0	529.5	523.0	521.4	519.8	518.2
42.5°	534.4	555.4	540.8	526.3	513.3	500.4	498.8	497.2	496.4	495.6	495.6
45°	493.9	516.6	502.0	486.7	479.4	472.1	472.1	472.1	472.9	472.9	474.5
47.5°	455.9	469.7	462.4	455.1	451.1	447.1	447.9	448.7	451.1	452.7	456.8
50°	423.6	428.5	430.1	430.9	428.5	426.0	427.7	428.5	430.9	432.5	435.7
52.5°	400.2	407.4	407.4	406.6	406.6	406.6	408.2	409.9	412.3	414.7	418.0
55°	384.8	395.3	392.1	388.8	389.7	389.7	391.3	392.9	395.3	396.9	401.8
57.5°	370.3	381.6	378.3	375.1	375.1	375.1	375.9	376.7	379.1	380.8	384.0
60°	353.3	364.6	361.4	357.3	358.1	358.9	359.7	359.7	361.4	362.2	362.2
62.5°	333.1	344.4	341.2	337.1	339.5	341.2	341.2	341.2	342.8	343.6	341.2
65°	312.0	322.6	319.3	316.1	319.3	321.7	323.4	324.2	323.4	322.6	320.1
67.5°	289.4	299.9	296.7	292.6	296.7	299.9	303.2	305.6	303.2	300.7	297.5
70°	265.2	275.7	271.6	267.6	271.6	275.7	278.9	282.1	278.9	275.7	274.9
72.5°	239.3	251.4	246.6	241.7	246.6	251.4	253.0	254.7	252.2	249.8	248.2
75°	211.0	223.1	219.1	214.2	218.3	222.3	223.1	223.9	223.9	223.1	218.3
77.5°	181.1	190.8	188.4	185.9	188.4	190.8	190.8	190.8	191.6	191.6	185.1
80°	145.5	151.2	152.0	152.8	153.6	154.4	153.6	152.8	151.2	149.6	145.5
82.5°	108.3	108.3	114.8	120.5	120.5	119.6	118.8	117.2	114.0	109.9	101.1
85°	68.7	64.7	75.2	84.9	84.9	84.1	82.5	80.0	73.6	66.3	59.0
87.5°	23.4	19.4	29.9	40.4	41.2	41.2	39.6	38.0	31.5	24.3	18.6
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



REPORT NUMBER: P320458
 CATALOG NUMBER: GAN-SA4D-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: P320458

CATALOG NUMBER: GAN-SA4D-827-U-SLL

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	6160.1	6160.1	6160.1	6160.1	6160.1	6160.1	6160.1	6160.1	6160.1	6160.1	6160.1
2.5°	5332.3	5342.8	5352.5	5431.7	5510.2	5602.3	5694.5	5764.8	5834.3	5906.3	5978.2
5°	4264.4	4277.3	4290.3	4386.5	4481.8	4610.4	4738.9	4849.7	4960.4	5090.6	5220.7
7.5°	3160.9	3189.2	3216.7	3319.3	3421.2	3559.4	3696.9	3841.6	3985.5	4155.3	4325.0
10°	2482.6	2536.0	2588.5	2693.6	2798.7	2935.4	3071.2	3222.3	3373.5	3540.9	3707.4
12.5°	2009.7	2080.9	2151.2	2277.3	2403.4	2566.7	2729.2	2897.4	3064.7	3211.8	3359.0
15°	1587.7	1665.3	1742.1	1875.5	2008.9	2188.4	2367.0	2550.5	2733.2	2909.5	3085.7
17.5°	1238.5	1302.4	1365.4	1478.6	1591.0	1764.8	1938.6	2131.0	2323.4	2538.4	2752.7
20°	999.2	1025.9	1052.6	1134.2	1215.0	1356.5	1497.2	1693.6	1890.1	2147.1	2404.2
22.5°	875.5	889.3	902.2	941.8	980.6	1072.0	1162.5	1336.3	1509.3	1789.8	2069.5
25°	801.1	811.6	822.2	848.0	873.9	917.6	961.2	1083.3	1205.3	1481.0	1755.9
27.5°	734.0	750.2	765.6	777.7	789.0	818.9	848.0	928.1	1008.1	1265.2	1521.4
30°	685.5	691.2	696.9	715.4	733.2	764.0	794.7	850.5	906.2	1123.7	1340.4
32.5°	628.9	637.0	645.1	664.5	683.9	712.2	740.5	785.8	830.2	1016.2	1201.3
35°	578.0	586.1	594.2	613.6	632.2	662.9	692.8	730.8	768.0	929.7	1091.4
37.5°	546.5	554.6	562.7	579.6	595.8	626.5	656.4	686.3	715.4	865.0	1014.6
40°	519.8	527.9	536.0	552.1	567.5	597.4	626.5	651.6	676.6	816.5	956.4
42.5°	496.4	505.3	514.2	530.3	545.7	572.4	599.0	632.2	664.5	774.5	883.6
45°	477.0	485.9	493.9	511.7	529.5	555.4	581.2	627.3	673.4	752.6	831.9
47.5°	459.2	468.9	477.8	497.2	516.6	548.9	580.4	619.2	657.2	735.7	814.1
50°	442.2	453.5	464.8	488.3	510.9	565.1	618.4	624.1	628.9	721.9	814.1
52.5°	426.0	439.0	451.9	481.0	509.3	572.4	635.4	615.2	594.2	696.0	797.9
55°	409.9	421.2	431.7	467.3	502.8	548.9	595.0	568.3	540.8	647.5	754.3
57.5°	388.0	400.2	411.5	449.5	487.5	519.8	551.3	527.1	502.0	592.6	682.3
60°	365.4	379.1	392.9	441.4	489.1	483.4	477.0	472.1	466.5	531.1	595.8
62.5°	345.2	359.7	374.3	437.4	500.4	461.6	422.8	426.8	430.1	477.8	525.5
65°	325.0	339.5	353.3	384.8	416.3	401.0	385.6	392.1	397.7	444.6	491.5
67.5°	302.3	315.3	327.4	337.9	348.4	350.0	351.7	358.1	364.6	420.4	475.3
70°	277.3	287.8	298.3	305.6	312.0	315.3	317.7	325.8	333.9	394.5	455.1
72.5°	249.0	257.9	266.0	272.4	278.9	281.3	282.9	291.0	299.1	363.8	428.5
75°	218.3	225.5	232.0	237.7	243.3	246.6	249.8	255.5	261.1	331.4	401.0
77.5°	184.3	191.6	198.1	202.9	207.0	210.2	212.6	219.9	227.2	286.2	344.4
80°	143.9	152.8	160.9	164.9	168.2	169.0	169.0	175.4	181.9	223.9	265.2
82.5°	101.9	111.6	120.5	123.7	126.9	126.9	126.9	134.2	141.5	169.8	197.3
85°	59.8	70.3	80.0	83.3	86.5	88.1	88.9	92.2	94.6	114.8	134.2
87.5°	18.6	27.5	35.6	37.2	38.8	42.0	45.3	46.1	46.1	59.8	73.6
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



REPORT NUMBER: P320458
 CATALOG NUMBER: GAN-SA4D-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°	6160.1	6160.1	6160.1	6160.1	6160.1	6160.1	6160.1
2.5°	6060.7	6143.1	6239.3	6334.7	6416.4	6498.0	6565.9
5°	5386.5	5552.2	5755.1	5957.2	6137.5	6317.8	6527.1
7.5°	4539.2	4753.5	5016.2	5278.9	5533.6	5787.4	6109.2
10°	3925.7	4143.1	4421.2	4698.5	4984.7	5270.1	5633.8
12.5°	3536.0	3712.2	3981.4	4250.6	4586.9	4922.4	5272.5
15°	3278.9	3471.3	3733.3	3995.2	4363.0	4730.8	5133.4
17.5°	3004.9	3256.3	3591.8	3927.3	4363.0	4797.9	5272.5
20°	2717.9	3030.7	3465.7	3900.6	4487.5	5073.6	5679.1
22.5°	2431.7	2793.9	3351.7	3908.7	4675.9	5442.2	6259.6
25°	2173.8	2591.8	3282.2	3971.7	4949.9	5927.3	6941.0
27.5°	1978.2	2434.1	3253.9	4072.8	5297.5	6522.3	7682.4
30°	1804.4	2268.4	3219.9	4171.4	5632.2	7092.2	8262.0
32.5°	1654.0	2106.7	3154.4	4201.3	5865.9	7530.4	8752.7
35°	1536.0	1980.6	3044.5	4108.4	6012.2	7916.0	9263.6
37.5°	1434.1	1853.7	2919.2	3984.7	6142.3	8300.0	9838.4
40°	1337.1	1717.9	2811.7	3904.6	6321.8	8739.0	10445.5
42.5°	1245.0	1606.3	2725.2	3844.0	6488.3	9131.8	10976.7
45°	1176.2	1520.6	2648.4	3775.3	6595.9	9416.4	11376.8
47.5°	1142.3	1469.7	2607.1	3743.8	6703.4	9662.2	11709.1
50°	1137.4	1460.8	2654.0	3847.2	6936.2	10024.3	12089.0
52.5°	1136.6	1475.4	2789.0	4102.7	7368.7	10633.9	12500.5
55°	1119.7	1484.2	2949.9	4414.8	7949.1	11482.7	13240.2
57.5°	1067.9	1453.5	3115.6	4776.9	8562.7	12347.7	14073.7
60°	987.9	1379.2	3252.3	5124.5	8975.0	12824.7	14394.6
62.5°	887.6	1249.0	3297.5	5345.2	8963.7	12582.2	14071.3
65°	801.9	1112.4	3148.8	5184.4	8510.2	11835.2	13431.8
67.5°	726.0	975.8	2776.9	4577.2	7694.5	10810.9	12618.5
70°	671.0	886.0	2297.5	3709.0	6673.5	9637.1	11676.7
72.5°	636.2	843.2	1873.1	2902.2	5415.6	7928.1	9988.0
75°	588.5	776.1	1469.7	2162.5	4144.7	6127.0	7544.1
77.5°	499.6	654.0	1107.5	1561.0	3041.3	4520.7	5246.6
80°	385.6	505.3	761.5	1017.8	2093.0	3168.2	3577.2
82.5°	274.9	352.5	461.6	570.7	1390.5	2209.4	2243.3
85°	169.8	205.3	264.4	323.4	920.0	1516.6	1263.6
87.5°	91.4	109.1	139.9	169.8	294.3	418.8	240.9
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)