

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: P320754

Luminaire Tested: **GAN-SA0A-827-U-SLR**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P320754  
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-SA0A-827-U-SLR  
Description: GALLEON AREA AND ROADWAY LUMINAIRE  
(10) 80 CRI, 2700K, 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: 29800 lumens  
Efficiency: N/A  
Efficacy: 92.3 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): 323  
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



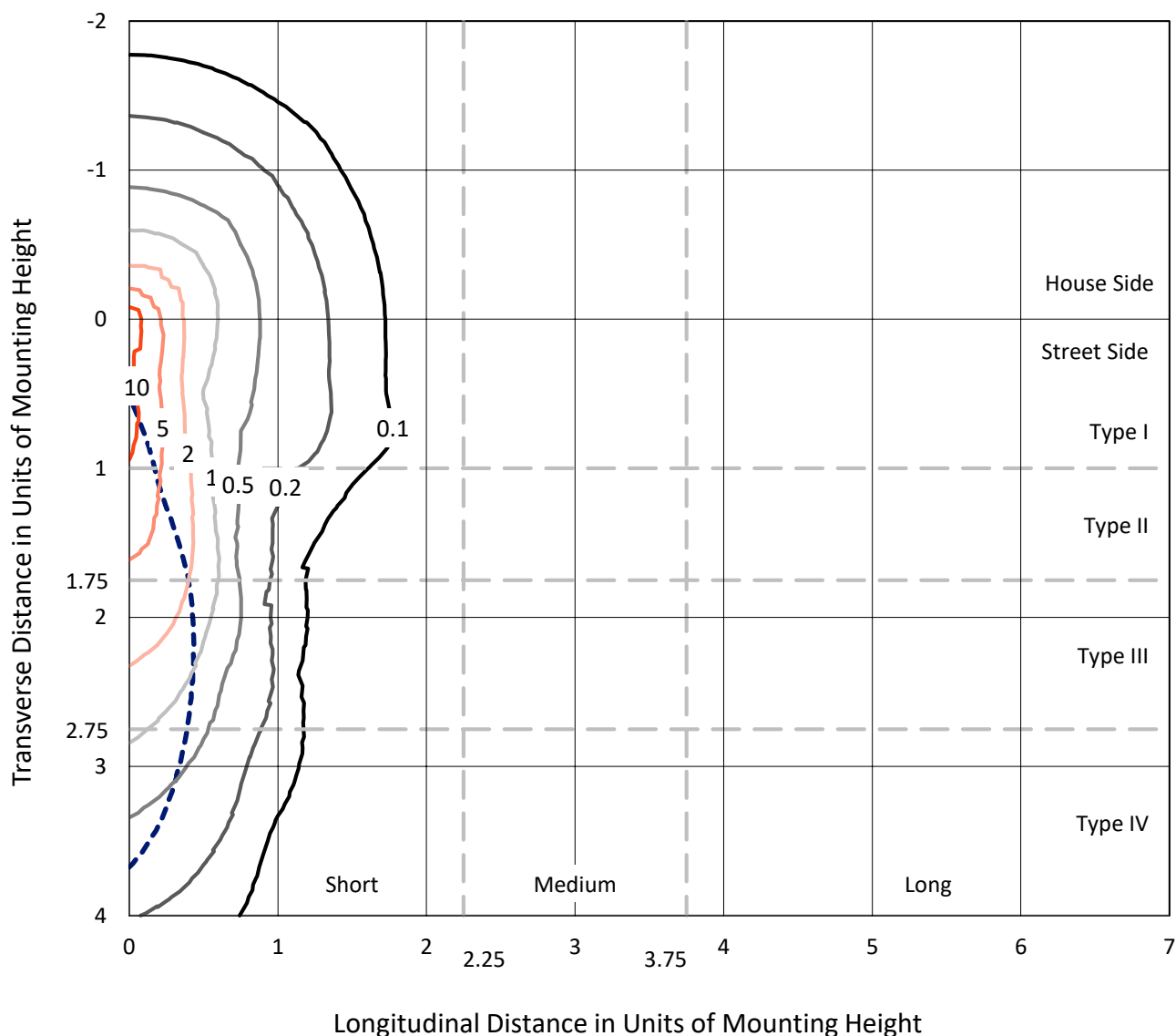
REPORT NUMBER: P320754

CATALOG NUMBER: GAN-SA0A-827-U-SLR

## Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

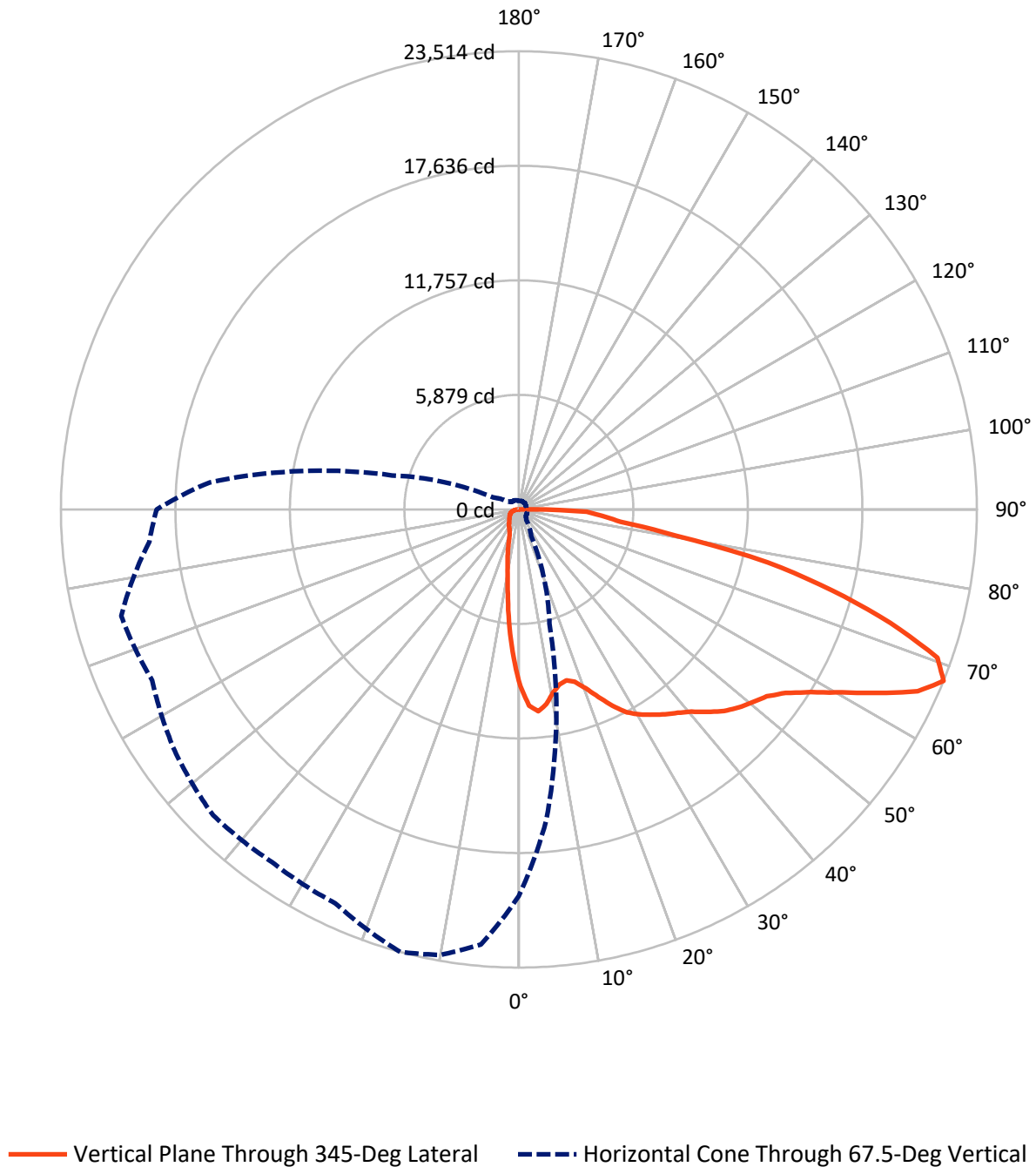


Based on 25 foot mounting height. Maximum calculated value = 14.5 fc

Type IV - Medium - N/A

REPORT NUMBER: P320754  
CATALOG NUMBER: GAN-SA0A-827-U-SLR

## Luminous Intensity Polar Plot



REPORT NUMBER: P320754

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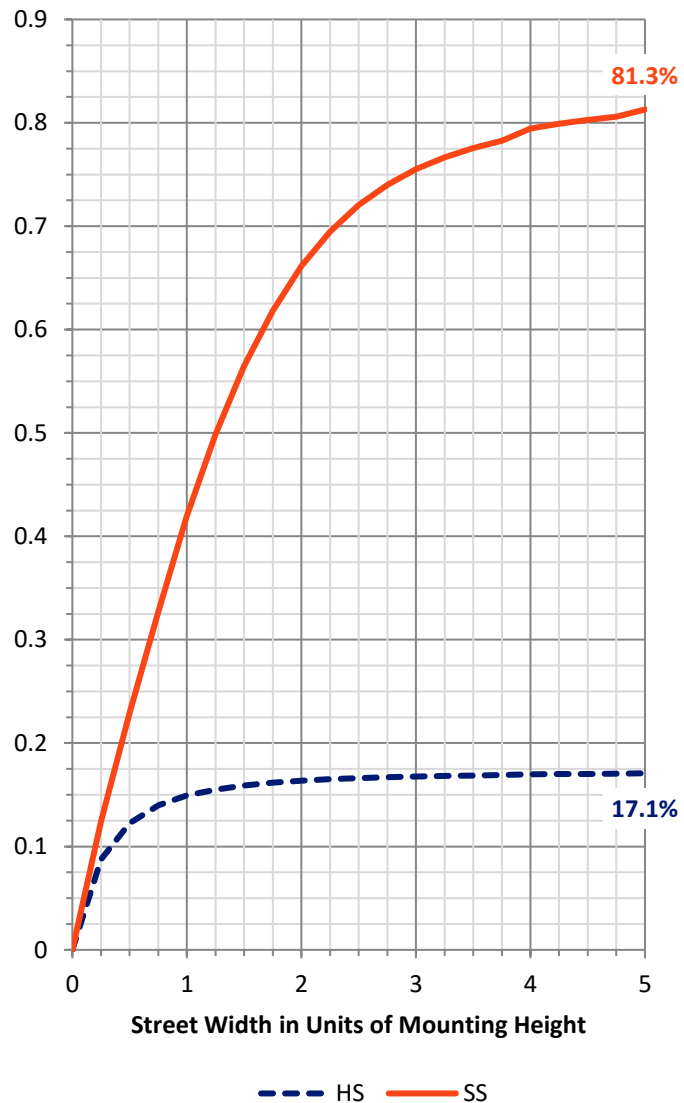
**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total   |
|--------------------|-----------|----------|--------|---------|
| <b>House Side</b>  | Lumens    | 5151.8   | 0.0    | 5151.8  |
|                    | % Fixture | 17.3     | 0.0    | 17.3    |
| <b>Street Side</b> | Lumens    | 24648.2  | 0.0    | 24648.2 |
|                    | % Fixture | 82.7     | 0.0    | 82.7    |
| <b>Total</b>       | Lumens    | 29800.0  | 0.0    | 29800.0 |
|                    | % Fixture | 100.0    | 0.0    | 100.0   |

**ZONAL LUMENS:**

| Zone      | Lumens  | % Fixture |
|-----------|---------|-----------|
| 0°-10°    | 700.7   | 2.4       |
| 10°-20°   | 1455.6  | 4.9       |
| 20°-30°   | 2070.2  | 6.9       |
| 30°-40°   | 2983.1  | 10.0      |
| 40°-50°   | 4204.0  | 14.1      |
| 50°-60°   | 5844.3  | 19.6      |
| 60°-70°   | 7067.5  | 23.7      |
| 70°-80°   | 4344.3  | 14.6      |
| 80°-90°   | 1130.4  | 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°    | 29800.0 | 100.0     |
| 0°-180°   | 29800.0 | 100.0     |

**Coefficient of Utilization**



REPORT NUMBER: P320754

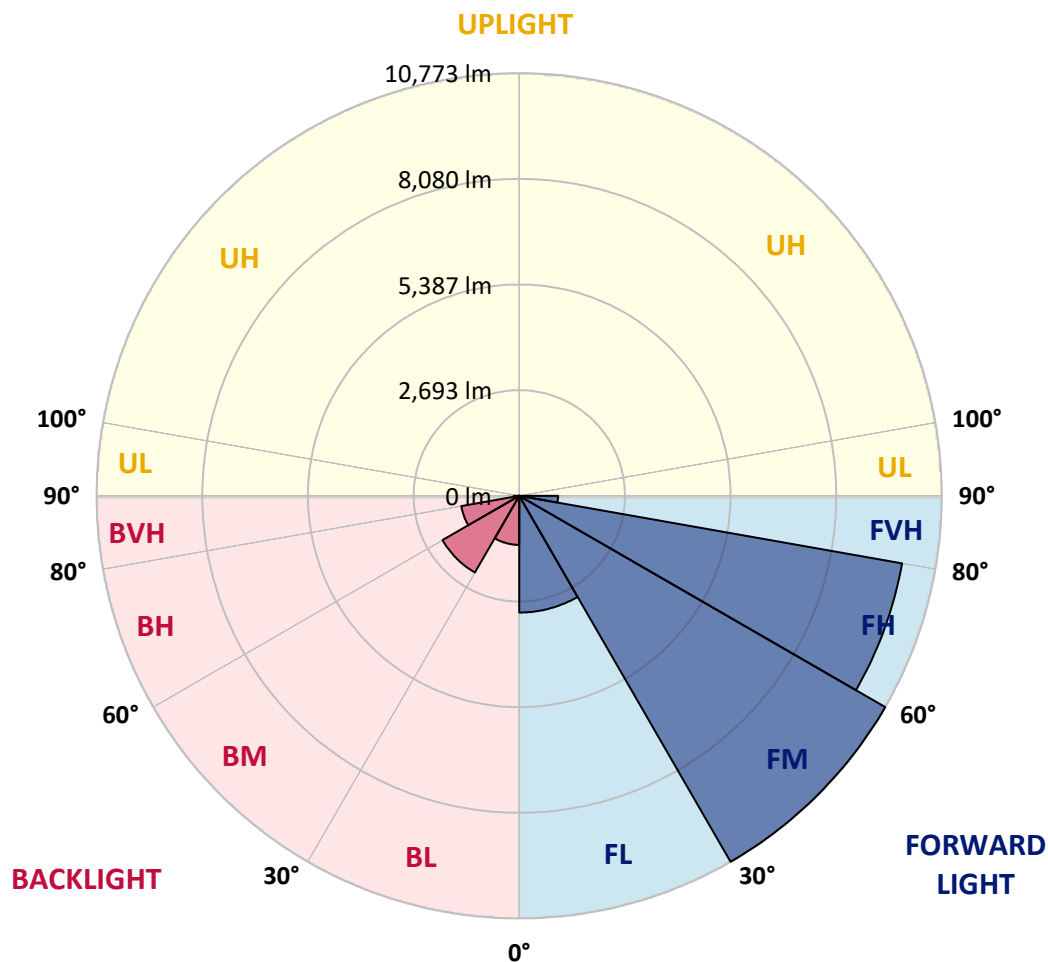
CATALOG NUMBER: GAN-SA0A-827-U-SLR

**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

| Zone |             | Lumens  | % Fixture | Zone Rating/Lumen Limit |      |          |
|------|-------------|---------|-----------|-------------------------|------|----------|
|      |             |         |           | B                       | U    | G        |
| FL   | (0°-30°)    | 2975.6  | 10.0      |                         |      |          |
| FM   | (30°-60°)   | 10773.4 | 36.2      |                         |      |          |
| FH   | (60°-80°)   | 9910.5  | 33.3      |                         |      | G4/12000 |
| FVH  | (80°-90°)   | 988.7   | 3.3       |                         |      | G5       |
| BL   | (0°-30°)    | 1250.8  | 4.2       | B3/2500                 |      |          |
| BM   | (30°-60°)   | 2258.0  | 7.6       | B2/2500                 |      |          |
| BH   | (60°-80°)   | 1501.3  | 5.0       | B3/2500                 |      | G3/2500  |
| BVH  | (80°-90°)   | 141.7   | 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





REPORT NUMBER: P320754

CATALOG NUMBER: GAN-SA0A-827-U-SLR

**CANDELA DISTRIBUTION (FULL):**

|        | 0°      | 5°      | 10°     | 15°    | 20°    | 25°    | 30°    | 35°    | 40°    | 45°    | 50°    |
|--------|---------|---------|---------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 9078.8  | 9078.8  | 9078.8  | 9078.8 | 9078.8 | 9078.8 | 9078.8 | 9078.8 | 9078.8 | 9078.8 | 9078.8 |
| 2.5°   | 9725.7  | 9639.9  | 9510.1  | 9380.2 | 9283.7 | 9186.0 | 9075.2 | 8964.4 | 8838.1 | 8710.6 | 8635.6 |
| 5°     | 9564.9  | 9326.6  | 9016.8  | 8707.0 | 8502.1 | 8297.2 | 8064.9 | 7832.5 | 7602.6 | 7372.6 | 7248.7 |
| 7.5°   | 8840.5  | 8483.1  | 8080.3  | 7677.6 | 7379.8 | 7080.7 | 6759.0 | 6436.2 | 6150.2 | 5863.1 | 5685.6 |
| 10°    | 8128.0  | 7699.1  | 7236.8  | 6773.3 | 6392.1 | 6010.8 | 5687.9 | 5363.9 | 5148.2 | 4932.6 | 4769.3 |
| 12.5°  | 7616.9  | 7141.5  | 6632.7  | 6122.8 | 5741.6 | 5360.3 | 5155.4 | 4950.4 | 4771.7 | 4593.0 | 4404.8 |
| 15°    | 7414.3  | 6877.0  | 6356.3  | 5834.5 | 5487.8 | 5141.1 | 4913.5 | 4684.7 | 4445.3 | 4204.6 | 3973.5 |
| 17.5°  | 7593.1  | 6964.0  | 6398.0  | 5832.1 | 5378.2 | 4924.2 | 4606.1 | 4286.8 | 3971.1 | 3655.3 | 3387.3 |
| 20°    | 8150.6  | 7347.6  | 6607.7  | 5866.7 | 5262.6 | 4658.5 | 4232.0 | 3804.3 | 3399.2 | 2994.1 | 2690.3 |
| 22.5°  | 8933.4  | 7870.7  | 6904.4  | 5938.1 | 5157.7 | 4376.2 | 3841.2 | 3305.1 | 2826.1 | 2347.1 | 2049.3 |
| 25°    | 9884.2  | 8564.1  | 7332.1  | 6099.0 | 5114.9 | 4129.5 | 3471.9 | 2814.2 | 2309.0 | 1802.6 | 1590.6 |
| 27.5°  | 10886.2 | 9390.9  | 7863.5  | 6334.9 | 5122.0 | 3909.1 | 3160.9 | 2411.5 | 1956.3 | 1501.2 | 1355.9 |
| 30°    | 11721.4 | 10335.7 | 8483.1  | 6629.2 | 5149.4 | 3669.6 | 2867.8 | 2066.0 | 1690.7 | 1315.4 | 1221.2 |
| 32.5°  | 12485.1 | 10994.6 | 8950.1  | 6904.4 | 5180.4 | 3455.2 | 2641.4 | 1826.5 | 1520.3 | 1212.9 | 1135.4 |
| 35°    | 13273.8 | 11579.6 | 9276.6  | 6972.3 | 5126.8 | 3280.0 | 2486.5 | 1693.0 | 1410.7 | 1127.1 | 1061.6 |
| 37.5°  | 14142.4 | 12212.3 | 9591.1  | 6968.7 | 5036.2 | 3103.7 | 2366.2 | 1627.5 | 1339.2 | 1049.7 | 1002.0 |
| 40°    | 15111.0 | 12911.6 | 9931.8  | 6952.1 | 4954.0 | 2954.8 | 2276.8 | 1597.7 | 1299.9 | 1000.8 | 960.3  |
| 42.5°  | 16058.2 | 13578.8 | 10248.8 | 6918.7 | 4887.3 | 2854.7 | 2188.7 | 1522.7 | 1264.1 | 1004.4 | 947.2  |
| 45°    | 16769.5 | 14161.5 | 10524.0 | 6885.3 | 4837.2 | 2789.2 | 2119.6 | 1450.0 | 1230.8 | 1011.5 | 938.9  |
| 47.5°  | 17309.2 | 14746.5 | 10829.0 | 6910.4 | 4832.5 | 2754.6 | 2070.7 | 1386.8 | 1167.6 | 947.2  | 917.4  |
| 50°    | 17995.5 | 15449.4 | 11273.4 | 7097.4 | 4898.0 | 2698.6 | 2013.5 | 1327.3 | 1106.8 | 886.4  | 926.9  |
| 52.5°  | 18849.8 | 16452.6 | 11962.1 | 7470.3 | 5035.0 | 2599.7 | 1923.0 | 1246.2 | 1033.0 | 818.5  | 881.7  |
| 55°    | 20104.4 | 17738.2 | 12842.5 | 7945.7 | 5200.6 | 2454.4 | 1786.0 | 1116.4 | 935.3  | 753.0  | 809.0  |
| 57.5°  | 21230.3 | 19036.8 | 13687.3 | 8336.5 | 5304.3 | 2270.9 | 1613.2 | 955.5  | 825.7  | 695.8  | 728.0  |
| 60°    | 21731.9 | 19706.4 | 14082.8 | 8458.0 | 5242.3 | 2026.6 | 1419.0 | 810.2  | 729.2  | 648.1  | 642.2  |
| 62.5°  | 21536.5 | 19281.1 | 13693.2 | 8105.4 | 4939.7 | 1774.1 | 1247.4 | 720.8  | 660.1  | 598.1  | 585.0  |
| 65°    | 20964.6 | 17944.3 | 12601.9 | 7259.4 | 4428.6 | 1597.7 | 1139.0 | 680.3  | 612.4  | 544.5  | 530.2  |
| 67.5°  | 19837.5 | 16041.6 | 11055.4 | 6069.2 | 3779.2 | 1489.3 | 1077.1 | 664.8  | 582.6  | 499.2  | 482.5  |
| 70°    | 17814.4 | 13751.6 | 9274.2  | 4795.5 | 3109.7 | 1422.6 | 1036.6 | 650.5  | 550.4  | 449.2  | 433.7  |
| 72.5°  | 14632.1 | 11025.6 | 7406.0  | 3785.2 | 2599.7 | 1414.2 | 1031.8 | 649.3  | 524.2  | 399.1  | 384.8  |
| 75°    | 10476.3 | 8374.6  | 5653.4  | 2930.9 | 2129.1 | 1327.3 | 979.4  | 631.5  | 488.5  | 344.3  | 331.2  |
| 77.5°  | 7049.8  | 5796.4  | 3929.4  | 2061.2 | 1579.9 | 1098.5 | 823.3  | 548.1  | 418.2  | 288.3  | 275.2  |
| 80°    | 4527.5  | 4011.6  | 2633.1  | 1254.6 | 1024.6 | 794.7  | 588.6  | 382.5  | 305.0  | 226.4  | 215.7  |
| 82.5°  | 3321.7  | 2985.7  | 1830.1  | 674.4  | 569.5  | 463.5  | 359.8  | 256.2  | 208.5  | 160.8  | 156.1  |
| 85°    | 2111.2  | 2328.1  | 1347.5  | 367.0  | 300.2  | 233.5  | 193.0  | 152.5  | 120.3  | 88.2   | 88.2   |
| 87.5°  | 409.9   | 567.1   | 372.9   | 177.5  | 129.9  | 82.2   | 70.3   | 57.2   | 32.2   | 6.0    | 7.1    |
| 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    |



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 CATALOG NUMBER: GAN-SA0A-827-U-SLR

**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 |





REPORT NUMBER: P320754

CATALOG NUMBER: GAN-SA0A-827-U-SLR

**CANDELA DISTRIBUTION (continued):**

|        | 55°    | 60°    | 65°    | 70°    | 75°    | 80°    | 85°    | 90°    | 95°    | 100°   | 105°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 9078.8 | 9078.8 | 9078.8 | 9078.8 | 9078.8 | 9078.8 | 9078.8 | 9078.8 | 9078.8 | 9078.8 | 9078.8 |
| 2.5°   | 8559.3 | 8477.1 | 8394.9 | 8302.0 | 8207.8 | 8120.9 | 8032.7 | 7936.2 | 7954.1 | 7880.2 | 7806.3 |
| 5°     | 7124.8 | 6993.8 | 6861.5 | 6747.1 | 6632.7 | 6533.9 | 6433.8 | 6344.4 | 6421.9 | 6369.4 | 6317.0 |
| 7.5°   | 5506.8 | 5344.8 | 5181.6 | 5044.6 | 4907.5 | 4801.5 | 4694.3 | 4620.4 | 4696.7 | 4687.1 | 4677.6 |
| 10°    | 4606.1 | 4448.8 | 4290.4 | 4139.1 | 3987.8 | 3859.1 | 3729.2 | 3619.6 | 3600.5 | 3545.7 | 3489.7 |
| 12.5°  | 4215.3 | 3999.7 | 3782.8 | 3624.4 | 3465.9 | 3312.2 | 3158.5 | 3029.8 | 2971.5 | 2880.9 | 2789.2 |
| 15°    | 3742.3 | 3487.3 | 3232.4 | 3052.5 | 2871.4 | 2722.4 | 2572.3 | 2461.5 | 2424.6 | 2354.3 | 2284.0 |
| 17.5°  | 3119.2 | 2840.4 | 2561.6 | 2379.3 | 2195.8 | 2076.7 | 1956.3 | 1882.5 | 1882.5 | 1862.2 | 1842.0 |
| 20°    | 2386.5 | 2137.4 | 1888.4 | 1749.0 | 1609.6 | 1546.5 | 1482.2 | 1451.2 | 1460.7 | 1461.9 | 1461.9 |
| 22.5°  | 1750.2 | 1597.7 | 1445.2 | 1389.2 | 1332.0 | 1309.4 | 1286.8 | 1273.6 | 1278.4 | 1279.6 | 1280.8 |
| 25°    | 1378.5 | 1320.1 | 1260.5 | 1231.9 | 1202.2 | 1187.9 | 1173.6 | 1168.8 | 1179.5 | 1180.7 | 1180.7 |
| 27.5°  | 1210.5 | 1174.8 | 1137.8 | 1120.0 | 1100.9 | 1094.9 | 1089.0 | 1080.6 | 1091.4 | 1091.4 | 1090.2 |
| 30°    | 1125.9 | 1087.8 | 1049.7 | 1027.0 | 1004.4 | 1006.8 | 1008.0 | 1005.6 | 1012.7 | 1017.5 | 1021.1 |
| 32.5°  | 1056.8 | 1019.9 | 982.9  | 960.3  | 936.5  | 932.9  | 929.3  | 926.9  | 942.4  | 950.8  | 959.1  |
| 35°    | 994.9  | 954.3  | 913.8  | 892.4  | 870.9  | 862.6  | 854.3  | 848.3  | 862.6  | 873.3  | 884.0  |
| 37.5°  | 953.2  | 911.5  | 868.6  | 848.3  | 826.9  | 816.1  | 805.4  | 798.3  | 804.2  | 809.0  | 813.8  |
| 40°    | 919.8  | 876.9  | 832.8  | 809.0  | 785.2  | 774.4  | 763.7  | 757.8  | 761.3  | 762.5  | 763.7  |
| 42.5°  | 888.8  | 847.1  | 805.4  | 779.2  | 751.8  | 738.7  | 725.6  | 718.4  | 720.8  | 723.2  | 724.4  |
| 45°    | 866.2  | 824.5  | 781.6  | 750.6  | 718.4  | 704.1  | 689.8  | 681.5  | 682.7  | 682.7  | 682.7  |
| 47.5°  | 887.6  | 826.9  | 764.9  | 729.2  | 692.2  | 675.5  | 658.9  | 650.5  | 648.1  | 645.8  | 643.4  |
| 50°    | 966.3  | 862.6  | 757.8  | 712.5  | 666.0  | 648.1  | 629.1  | 619.5  | 613.6  | 611.2  | 608.8  |
| 52.5°  | 943.6  | 854.3  | 763.7  | 705.3  | 645.8  | 624.3  | 602.9  | 587.4  | 581.4  | 577.8  | 574.3  |
| 55°    | 863.8  | 807.8  | 750.6  | 680.3  | 610.0  | 591.0  | 570.7  | 560.0  | 549.3  | 546.9  | 544.5  |
| 57.5°  | 758.9  | 736.3  | 713.7  | 642.2  | 570.7  | 552.8  | 533.8  | 526.6  | 517.1  | 517.1  | 515.9  |
| 60°    | 635.0  | 668.4  | 701.8  | 619.5  | 536.1  | 515.9  | 495.6  | 489.7  | 486.1  | 484.9  | 483.7  |
| 62.5°  | 570.7  | 625.5  | 679.1  | 592.1  | 504.0  | 482.5  | 461.1  | 453.9  | 452.7  | 453.9  | 453.9  |
| 65°    | 515.9  | 532.6  | 549.3  | 508.7  | 468.2  | 446.8  | 424.2  | 417.0  | 419.4  | 423.0  | 426.5  |
| 67.5°  | 465.9  | 462.3  | 458.7  | 444.4  | 428.9  | 411.0  | 392.0  | 384.8  | 386.0  | 390.8  | 395.6  |
| 70°    | 418.2  | 413.4  | 407.5  | 396.7  | 386.0  | 370.5  | 355.0  | 350.3  | 349.1  | 355.0  | 359.8  |
| 72.5°  | 370.5  | 364.6  | 357.4  | 349.1  | 339.6  | 326.5  | 313.3  | 309.8  | 311.0  | 314.5  | 318.1  |
| 75°    | 318.1  | 313.3  | 307.4  | 300.2  | 291.9  | 280.0  | 268.1  | 265.7  | 268.1  | 271.6  | 275.2  |
| 77.5°  | 260.9  | 259.7  | 257.4  | 251.4  | 245.4  | 232.3  | 218.0  | 216.8  | 220.4  | 224.0  | 226.4  |
| 80°    | 203.7  | 204.9  | 206.1  | 201.4  | 196.6  | 182.3  | 166.8  | 165.6  | 169.2  | 172.8  | 176.3  |
| 82.5°  | 150.1  | 153.7  | 156.1  | 150.1  | 144.2  | 127.5  | 110.8  | 108.4  | 120.3  | 123.9  | 127.5  |
| 85°    | 87.0   | 91.7   | 96.5   | 91.7   | 87.0   | 70.3   | 53.6   | 52.4   | 63.1   | 69.1   | 75.1   |
| 87.5°  | 7.1    | 9.5    | 11.9   | 10.7   | 9.5    | 4.8    | 0.0    | 0.0    | 1.2    | 6.0    | 10.7   |
| 90°    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 92.5°  | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 95°    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 97.5°  | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 100°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 102.5° | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 105°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 107.5° | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 110°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |



REPORT NUMBER: P320754

CATALOG NUMBER: GAN-SA0A-827-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: P320754

CATALOG NUMBER: GAN-SA0A-827-U-SLR

**CANDELA DISTRIBUTION (continued):**

|        | 110°   | 115°   | 120°   | 125°   | 130°   | 135°   | 140°   | 145°   | 150°   | 155°   | 160°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 9078.8 | 9078.8 | 9078.8 | 9078.8 | 9078.8 | 9078.8 | 9078.8 | 9078.8 | 9078.8 | 9078.8 | 9078.8 |
| 2.5°   | 7759.9 | 7713.4 | 7699.1 | 7684.8 | 7632.4 | 7578.8 | 7633.6 | 7687.2 | 7709.8 | 7732.4 | 7674.1 |
| 5°     | 6309.9 | 6301.5 | 6301.5 | 6300.3 | 6252.7 | 6203.8 | 6240.8 | 6276.5 | 6196.7 | 6116.9 | 6108.5 |
| 7.5°   | 4728.8 | 4780.1 | 4821.8 | 4862.3 | 4846.8 | 4831.3 | 4865.8 | 4900.4 | 4799.1 | 4696.7 | 4646.6 |
| 10°    | 3501.6 | 3512.4 | 3557.6 | 3602.9 | 3613.6 | 3623.2 | 3666.1 | 3707.8 | 3629.1 | 3550.5 | 3515.9 |
| 12.5°  | 2732.0 | 2674.8 | 2680.7 | 2685.5 | 2707.0 | 2727.2 | 2772.5 | 2816.6 | 2784.4 | 2751.0 | 2754.6 |
| 15°    | 2212.5 | 2139.8 | 2110.0 | 2079.1 | 2102.9 | 2126.7 | 2158.9 | 2189.9 | 2191.1 | 2191.1 | 2222.0 |
| 17.5°  | 1806.2 | 1769.3 | 1739.5 | 1708.5 | 1740.7 | 1771.7 | 1775.2 | 1778.8 | 1780.0 | 1781.2 | 1778.8 |
| 20°    | 1479.8 | 1497.6 | 1488.1 | 1478.6 | 1490.5 | 1501.2 | 1510.7 | 1519.1 | 1508.4 | 1496.4 | 1466.7 |
| 22.5°  | 1297.5 | 1313.0 | 1324.9 | 1335.6 | 1355.9 | 1374.9 | 1365.4 | 1354.7 | 1333.2 | 1310.6 | 1287.9 |
| 25°    | 1191.4 | 1202.2 | 1214.1 | 1226.0 | 1242.7 | 1258.2 | 1241.5 | 1224.8 | 1209.3 | 1193.8 | 1178.3 |
| 27.5°  | 1102.1 | 1112.8 | 1123.5 | 1133.1 | 1148.5 | 1162.8 | 1147.4 | 1131.9 | 1118.8 | 1105.7 | 1093.7 |
| 30°    | 1029.4 | 1036.6 | 1044.9 | 1053.2 | 1067.5 | 1080.6 | 1067.5 | 1053.2 | 1043.7 | 1033.0 | 1024.6 |
| 32.5°  | 967.4  | 974.6  | 978.2  | 981.7  | 994.9  | 1008.0 | 998.4  | 988.9  | 980.6  | 972.2  | 966.3  |
| 35°    | 899.5  | 913.8  | 916.2  | 918.6  | 931.7  | 944.8  | 938.9  | 931.7  | 922.2  | 912.6  | 901.9  |
| 37.5°  | 830.4  | 847.1  | 856.6  | 865.0  | 878.1  | 891.2  | 885.2  | 879.3  | 866.2  | 853.1  | 834.0  |
| 40°    | 772.1  | 779.2  | 797.1  | 813.8  | 835.2  | 855.5  | 843.5  | 830.4  | 810.2  | 789.9  | 780.4  |
| 42.5°  | 723.2  | 722.0  | 738.7  | 755.4  | 787.5  | 818.5  | 797.1  | 775.6  | 756.6  | 737.5  | 735.1  |
| 45°    | 680.3  | 676.7  | 685.1  | 693.4  | 728.0  | 761.3  | 739.9  | 717.2  | 706.5  | 695.8  | 695.8  |
| 47.5°  | 642.2  | 639.8  | 645.8  | 650.5  | 672.0  | 692.2  | 681.5  | 670.8  | 664.8  | 658.9  | 660.1  |
| 50°    | 607.6  | 605.3  | 611.2  | 616.0  | 624.3  | 631.5  | 633.8  | 635.0  | 631.5  | 627.9  | 630.3  |
| 52.5°  | 575.5  | 575.5  | 577.8  | 579.0  | 589.8  | 600.5  | 600.5  | 599.3  | 599.3  | 599.3  | 601.7  |
| 55°    | 548.1  | 550.4  | 550.4  | 550.4  | 567.1  | 582.6  | 577.8  | 573.1  | 574.3  | 574.3  | 576.7  |
| 57.5°  | 520.7  | 524.2  | 526.6  | 529.0  | 545.7  | 562.4  | 557.6  | 552.8  | 552.8  | 552.8  | 554.0  |
| 60°    | 489.7  | 494.4  | 499.2  | 504.0  | 520.7  | 537.3  | 532.6  | 526.6  | 527.8  | 529.0  | 530.2  |
| 62.5°  | 459.9  | 464.7  | 469.4  | 474.2  | 490.9  | 507.6  | 502.8  | 496.8  | 500.4  | 502.8  | 502.8  |
| 65°    | 431.3  | 434.9  | 439.6  | 444.4  | 459.9  | 475.4  | 470.6  | 465.9  | 470.6  | 474.2  | 476.6  |
| 67.5°  | 399.1  | 401.5  | 406.3  | 411.0  | 426.5  | 442.0  | 437.3  | 431.3  | 437.3  | 442.0  | 446.8  |
| 70°    | 362.2  | 364.6  | 370.5  | 375.3  | 390.8  | 406.3  | 400.3  | 394.4  | 400.3  | 406.3  | 411.0  |
| 72.5°  | 321.7  | 324.1  | 330.0  | 334.8  | 352.7  | 370.5  | 363.4  | 356.2  | 363.4  | 370.5  | 372.9  |
| 75°    | 277.6  | 280.0  | 287.1  | 293.1  | 311.0  | 328.8  | 322.9  | 315.7  | 321.7  | 327.6  | 328.8  |
| 77.5°  | 229.9  | 233.5  | 243.1  | 252.6  | 266.9  | 281.2  | 277.6  | 274.0  | 277.6  | 281.2  | 281.2  |
| 80°    | 179.9  | 183.5  | 195.4  | 206.1  | 214.5  | 222.8  | 224.0  | 225.2  | 226.4  | 227.6  | 226.4  |
| 82.5°  | 133.4  | 138.2  | 148.9  | 159.7  | 159.7  | 159.7  | 169.2  | 177.5  | 177.5  | 176.3  | 175.1  |
| 85°    | 82.2   | 88.2   | 97.7   | 107.2  | 101.3  | 95.3   | 110.8  | 125.1  | 125.1  | 123.9  | 121.5  |
| 87.5°  | 16.7   | 22.6   | 32.2   | 40.5   | 34.6   | 28.6   | 44.1   | 59.6   | 60.8   | 60.8   | 58.4   |
| 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: P320754  
 CATALOG NUMBER: GAN-SA0A-827-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: P320754

CATALOG NUMBER: GAN-SA0A-827-U-SLR

**CANDELA DISTRIBUTION (continued):**

|        | 165°   | 170°   | 175°   | 180°   | 185°   | 190°   | 195°   | 200°   | 205°   | 210°   | 215°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 9078.8 | 9078.8 | 9078.8 | 9078.8 | 9078.8 | 9078.8 | 9078.8 | 9078.8 | 9078.8 | 9078.8 | 9078.8 |
| 2.5°   | 7614.5 | 7707.4 | 7799.2 | 7823.0 | 7858.7 | 7874.2 | 7888.5 | 8005.3 | 8120.9 | 8256.7 | 8392.5 |
| 5°     | 6099.0 | 6168.1 | 6237.2 | 6247.9 | 6284.8 | 6303.9 | 6323.0 | 6464.8 | 6605.3 | 6794.8 | 6984.2 |
| 7.5°   | 4596.6 | 4613.3 | 4629.9 | 4627.6 | 4658.5 | 4700.2 | 4740.7 | 4892.1 | 5042.2 | 5245.9 | 5448.5 |
| 10°    | 3481.4 | 3519.5 | 3556.4 | 3591.0 | 3658.9 | 3737.5 | 3815.0 | 3969.9 | 4124.8 | 4326.1 | 4526.3 |
| 12.5°  | 2758.2 | 2802.3 | 2845.2 | 2883.3 | 2961.9 | 3066.8 | 3170.4 | 3356.3 | 3542.2 | 3782.8 | 4022.3 |
| 15°    | 2251.8 | 2248.2 | 2244.7 | 2270.9 | 2340.0 | 2454.4 | 2567.6 | 2764.1 | 2960.7 | 3225.2 | 3488.5 |
| 17.5°  | 1776.4 | 1758.6 | 1740.7 | 1760.9 | 1825.3 | 1919.4 | 2012.3 | 2179.1 | 2344.8 | 2600.9 | 2857.1 |
| 20°    | 1436.9 | 1425.0 | 1413.0 | 1432.1 | 1472.6 | 1511.9 | 1551.3 | 1671.6 | 1790.7 | 1999.2 | 2206.5 |
| 22.5°  | 1264.1 | 1262.9 | 1260.5 | 1271.3 | 1290.3 | 1310.6 | 1329.6 | 1388.0 | 1445.2 | 1579.9 | 1713.3 |
| 25°    | 1162.8 | 1161.7 | 1160.5 | 1165.2 | 1180.7 | 1196.2 | 1211.7 | 1249.8 | 1287.9 | 1352.3 | 1416.6 |
| 27.5°  | 1081.8 | 1079.4 | 1077.1 | 1078.3 | 1081.8 | 1105.7 | 1128.3 | 1146.2 | 1162.8 | 1206.9 | 1249.8 |
| 30°    | 1016.3 | 1015.1 | 1013.9 | 1013.9 | 1010.3 | 1018.7 | 1027.0 | 1054.4 | 1080.6 | 1125.9 | 1171.2 |
| 32.5°  | 960.3  | 954.3  | 948.4  | 935.3  | 926.9  | 938.9  | 950.8  | 979.4  | 1008.0 | 1049.7 | 1091.4 |
| 35°    | 890.0  | 874.5  | 857.8  | 850.7  | 851.9  | 863.8  | 875.7  | 904.3  | 931.7  | 977.0  | 1021.1 |
| 37.5°  | 813.8  | 809.0  | 803.0  | 801.8  | 805.4  | 817.3  | 829.2  | 854.3  | 878.1  | 923.4  | 967.4  |
| 40°    | 770.9  | 768.5  | 766.1  | 763.7  | 766.1  | 778.0  | 789.9  | 813.8  | 836.4  | 880.5  | 923.4  |
| 42.5°  | 732.7  | 731.5  | 730.4  | 730.4  | 731.5  | 744.7  | 757.8  | 781.6  | 804.2  | 843.5  | 882.9  |
| 45°    | 695.8  | 697.0  | 697.0  | 699.4  | 702.9  | 716.1  | 728.0  | 754.2  | 780.4  | 818.5  | 856.6  |
| 47.5°  | 661.2  | 664.8  | 667.2  | 673.2  | 676.7  | 691.0  | 704.1  | 732.7  | 761.3  | 809.0  | 855.5  |
| 50°    | 631.5  | 635.0  | 637.4  | 642.2  | 651.7  | 668.4  | 685.1  | 719.6  | 753.0  | 832.8  | 911.5  |
| 52.5°  | 604.1  | 607.6  | 611.2  | 616.0  | 627.9  | 647.0  | 666.0  | 708.9  | 750.6  | 843.5  | 936.5  |
| 55°    | 579.0  | 582.6  | 585.0  | 592.1  | 604.1  | 620.7  | 636.2  | 688.7  | 741.1  | 809.0  | 876.9  |
| 57.5°  | 555.2  | 558.8  | 561.2  | 565.9  | 571.9  | 589.8  | 606.4  | 662.4  | 718.4  | 766.1  | 812.6  |
| 60°    | 530.2  | 532.6  | 533.8  | 533.8  | 538.5  | 558.8  | 579.0  | 650.5  | 720.8  | 712.5  | 702.9  |
| 62.5°  | 502.8  | 505.2  | 506.4  | 502.8  | 508.7  | 530.2  | 551.6  | 644.6  | 737.5  | 680.3  | 623.1  |
| 65°    | 477.8  | 476.6  | 475.4  | 471.8  | 479.0  | 500.4  | 520.7  | 567.1  | 613.6  | 591.0  | 568.3  |
| 67.5°  | 450.4  | 446.8  | 443.2  | 438.5  | 445.6  | 464.7  | 482.5  | 498.0  | 513.5  | 515.9  | 518.3  |
| 70°    | 415.8  | 411.0  | 406.3  | 405.1  | 408.7  | 424.2  | 439.6  | 450.4  | 459.9  | 464.7  | 468.2  |
| 72.5°  | 375.3  | 371.7  | 368.2  | 365.8  | 367.0  | 380.1  | 392.0  | 401.5  | 411.0  | 414.6  | 417.0  |
| 75°    | 330.0  | 330.0  | 328.8  | 321.7  | 321.7  | 332.4  | 341.9  | 350.3  | 358.6  | 363.4  | 368.2  |
| 77.5°  | 281.2  | 282.4  | 282.4  | 272.8  | 271.6  | 282.4  | 291.9  | 299.1  | 305.0  | 309.8  | 313.3  |
| 80°    | 225.2  | 222.8  | 220.4  | 214.5  | 212.1  | 225.2  | 237.1  | 243.1  | 247.8  | 249.0  | 249.0  |
| 82.5°  | 172.8  | 168.0  | 162.0  | 148.9  | 150.1  | 164.4  | 177.5  | 182.3  | 187.1  | 187.1  | 187.1  |
| 85°    | 118.0  | 108.4  | 97.7   | 87.0   | 88.2   | 103.7  | 118.0  | 122.7  | 127.5  | 129.9  | 131.1  |
| 87.5°  | 56.0   | 46.5   | 35.7   | 27.4   | 27.4   | 40.5   | 52.4   | 54.8   | 57.2   | 62.0   | 66.7   |
| 90°    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 92.5°  | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 95°    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 97.5°  | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 100°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 102.5° | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 105°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 107.5° | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 110°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |



REPORT NUMBER: P320754  
 CATALOG NUMBER: GAN-SA0A-827-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: P320754

CATALOG NUMBER: GAN-SA0A-827-U-SLR

**CANDELA DISTRIBUTION (continued):**

|        | 220°   | 225°   | 230°   | 235°   | 240°   | 245°   | 250°   | 255°   | 260°    | 265°    | 270°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|---------|---------|---------|
| 0°     | 9078.8 | 9078.8 | 9078.8 | 9078.8 | 9078.8 | 9078.8 | 9078.8 | 9078.8 | 9078.8  | 9078.8  | 9078.8  |
| 2.5°   | 8496.2 | 8598.6 | 8704.7 | 8810.7 | 8932.2 | 9053.8 | 9195.5 | 9336.1 | 9456.5  | 9576.8  | 9676.9  |
| 5°     | 7147.5 | 7310.7 | 7502.5 | 7694.3 | 7938.6 | 8182.8 | 8481.9 | 8779.7 | 9045.4  | 9311.1  | 9619.7  |
| 7.5°   | 5661.7 | 5873.8 | 6124.0 | 6374.2 | 6689.9 | 7005.7 | 7392.9 | 7780.1 | 8155.4  | 8529.5  | 9003.7  |
| 10°    | 4749.1 | 4971.9 | 5218.5 | 5463.9 | 5785.6 | 6106.1 | 6516.0 | 6924.7 | 7346.4  | 7767.0  | 8303.1  |
| 12.5°  | 4270.1 | 4516.8 | 4733.6 | 4950.4 | 5211.4 | 5471.1 | 5867.8 | 6264.6 | 6760.2  | 7254.7  | 7770.6  |
| 15°    | 3759.0 | 4028.3 | 4288.0 | 4547.7 | 4832.5 | 5116.0 | 5502.1 | 5888.1 | 6430.2  | 6972.3  | 7565.6  |
| 17.5°  | 3140.6 | 3424.2 | 3741.1 | 4056.9 | 4428.6 | 4799.1 | 5293.6 | 5788.0 | 6430.2  | 7071.2  | 7770.6  |
| 20°    | 2496.1 | 2785.6 | 3164.5 | 3543.3 | 4005.6 | 4466.7 | 5107.7 | 5748.7 | 6613.7  | 7477.5  | 8369.9  |
| 22.5°  | 1969.5 | 2224.4 | 2637.8 | 3050.1 | 3583.9 | 4117.6 | 4939.7 | 5760.6 | 6891.3  | 8020.8  | 9225.3  |
| 25°    | 1596.5 | 1776.4 | 2182.7 | 2587.8 | 3203.8 | 3819.8 | 4837.2 | 5853.5 | 7295.2  | 8735.6  | 10229.7 |
| 27.5°  | 1367.8 | 1485.7 | 1864.6 | 2242.3 | 2915.5 | 3587.4 | 4795.5 | 6002.5 | 7807.5  | 9612.5  | 11322.3 |
| 30°    | 1253.4 | 1335.6 | 1656.1 | 1975.4 | 2659.3 | 3343.2 | 4745.5 | 6147.8 | 8300.8  | 10452.5 | 12176.5 |
| 32.5°  | 1158.1 | 1223.6 | 1497.6 | 1770.5 | 2437.7 | 3104.9 | 4649.0 | 6191.9 | 8645.1  | 11098.3 | 12899.7 |
| 35°    | 1077.1 | 1131.9 | 1370.2 | 1608.4 | 2263.7 | 2919.0 | 4487.0 | 6054.9 | 8860.7  | 11666.6 | 13652.7 |
| 37.5°  | 1011.5 | 1054.4 | 1274.8 | 1495.3 | 2113.6 | 2732.0 | 4302.3 | 5872.6 | 9052.6  | 12232.5 | 14499.8 |
| 40°    | 960.3  | 997.2  | 1203.4 | 1409.5 | 1970.6 | 2531.8 | 4143.8 | 5754.7 | 9317.1  | 12879.5 | 15394.6 |
| 42.5°  | 931.7  | 979.4  | 1141.4 | 1302.2 | 1834.8 | 2367.4 | 4016.3 | 5665.3 | 9562.5  | 13458.5 | 16177.4 |
| 45°    | 924.6  | 992.5  | 1109.2 | 1226.0 | 1733.5 | 2241.1 | 3903.2 | 5564.0 | 9721.0  | 13877.9 | 16767.1 |
| 47.5°  | 912.6  | 968.6  | 1084.2 | 1199.8 | 1683.5 | 2166.0 | 3842.4 | 5517.6 | 9879.4  | 14240.1 | 17256.8 |
| 50°    | 919.8  | 926.9  | 1064.0 | 1199.8 | 1676.4 | 2152.9 | 3911.5 | 5670.1 | 10222.6 | 14773.9 | 17816.8 |
| 52.5°  | 906.7  | 875.7  | 1025.8 | 1176.0 | 1675.2 | 2174.4 | 4110.5 | 6046.6 | 10860.0 | 15672.2 | 18423.2 |
| 55°    | 837.6  | 797.1  | 954.3  | 1111.6 | 1650.1 | 2187.5 | 4347.6 | 6506.5 | 11715.4 | 16923.2 | 19513.4 |
| 57.5°  | 776.8  | 739.9  | 873.3  | 1005.6 | 1573.9 | 2142.2 | 4591.8 | 7040.2 | 12619.7 | 18198.1 | 20741.8 |
| 60°    | 695.8  | 687.5  | 782.8  | 878.1  | 1455.9 | 2032.6 | 4793.2 | 7552.5 | 13227.4 | 18901.0 | 21214.8 |
| 62.5°  | 629.1  | 633.8  | 704.1  | 774.4  | 1308.2 | 1840.8 | 4859.9 | 7877.8 | 13210.7 | 18543.6 | 20738.2 |
| 65°    | 577.8  | 586.2  | 655.3  | 724.4  | 1181.9 | 1639.4 | 4640.7 | 7640.7 | 12542.3 | 17442.7 | 19795.8 |
| 67.5°  | 527.8  | 537.3  | 619.5  | 700.6  | 1069.9 | 1438.1 | 4092.6 | 6745.9 | 11340.1 | 15933.1 | 18597.2 |
| 70°    | 480.2  | 492.1  | 581.4  | 670.8  | 988.9  | 1305.8 | 3386.1 | 5466.3 | 9835.3  | 14203.2 | 17209.2 |
| 72.5°  | 428.9  | 440.8  | 536.1  | 631.5  | 937.7  | 1242.7 | 2760.6 | 4277.3 | 7981.5  | 11684.5 | 14720.2 |
| 75°    | 376.5  | 384.8  | 488.5  | 591.0  | 867.4  | 1143.8 | 2166.0 | 3187.1 | 6108.5  | 9029.9  | 11118.5 |
| 77.5°  | 324.1  | 334.8  | 421.8  | 507.6  | 736.3  | 963.9  | 1632.3 | 2300.7 | 4482.2  | 6662.5  | 7732.4  |
| 80°    | 258.5  | 268.1  | 330.0  | 390.8  | 568.3  | 744.7  | 1122.3 | 1500.0 | 3084.6  | 4669.3  | 5272.1  |
| 82.5°  | 197.8  | 208.5  | 250.2  | 290.7  | 405.1  | 519.5  | 680.3  | 841.2  | 2049.3  | 3256.2  | 3306.2  |
| 85°    | 135.8  | 139.4  | 169.2  | 197.8  | 250.2  | 302.6  | 389.6  | 476.6  | 1355.9  | 2235.1  | 1862.2  |
| 87.5°  | 67.9   | 67.9   | 88.2   | 108.4  | 134.6  | 160.8  | 206.1  | 250.2  | 433.7   | 617.2   | 355.0   |
| 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: P320754  
 CATALOG NUMBER: GAN-SA0A-827-U-SLR

**CANDELA DISTRIBUTION (continued):**

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



REPORT NUMBER: P320754

CATALOG NUMBER: GAN-SA0A-827-U-SLR

**CANDELA DISTRIBUTION (continued):**

|        | 275°    | 280°    | 285°    | 290°    | 295°    | 300°    | 305°    | 310°    | 315°    | 320°    | 325°    |
|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0°     | 9078.8  | 9078.8  | 9078.8  | 9078.8  | 9078.8  | 9078.8  | 9078.8  | 9078.8  | 9078.8  | 9078.8  | 9078.8  |
| 2.5°   | 9804.4  | 9891.3  | 9979.5  | 10046.2 | 10114.1 | 10211.8 | 10309.5 | 10327.4 | 10346.5 | 10308.3 | 10270.2 |
| 5°     | 9930.7  | 10194.0 | 10458.5 | 10702.7 | 10947.0 | 11093.5 | 11240.0 | 11269.8 | 11299.6 | 11207.9 | 11114.9 |
| 7.5°   | 9462.4  | 9921.1  | 10379.8 | 10800.4 | 11221.0 | 11476.0 | 11732.1 | 11789.3 | 11847.7 | 11697.6 | 11547.4 |
| 10°    | 8836.9  | 9400.5  | 9964.0  | 10518.0 | 11072.1 | 11442.6 | 11813.1 | 11887.0 | 11960.9 | 11773.8 | 11586.8 |
| 12.5°  | 8353.2  | 8954.9  | 9556.5  | 10140.3 | 10725.3 | 11109.0 | 11492.6 | 11584.4 | 11676.1 | 11540.3 | 11403.3 |
| 15°    | 8204.3  | 8770.2  | 9336.1  | 9844.9  | 10354.8 | 10668.2 | 10982.7 | 11019.6 | 11057.8 | 11036.3 | 11014.9 |
| 17.5°  | 8474.7  | 8985.8  | 9498.2  | 9774.6  | 10052.2 | 10177.3 | 10303.6 | 10344.1 | 10385.8 | 10439.4 | 10494.2 |
| 20°    | 9130.0  | 9489.8  | 9850.8  | 9838.9  | 9825.8  | 9765.0  | 9703.1  | 9692.4  | 9681.6  | 9835.3  | 9990.2  |
| 22.5°  | 10108.2 | 10251.2 | 10395.3 | 10060.5 | 9725.7  | 9522.0  | 9317.1  | 9276.6  | 9234.9  | 9398.1  | 9562.5  |
| 25°    | 11169.8 | 11143.5 | 11116.1 | 10478.7 | 9840.1  | 9451.7  | 9063.3  | 9018.0  | 8972.7  | 9112.1  | 9252.7  |
| 27.5°  | 12220.6 | 12049.0 | 11877.5 | 11011.3 | 10145.1 | 9581.6  | 9018.0  | 8972.7  | 8927.5  | 9051.4  | 9175.3  |
| 30°    | 12991.5 | 12716.2 | 12441.0 | 11460.5 | 10479.9 | 9810.3  | 9140.7  | 9066.9  | 8991.8  | 9144.3  | 9296.8  |
| 32.5°  | 13593.1 | 13223.8 | 12854.5 | 11825.0 | 10795.6 | 10071.2 | 9346.9  | 9231.3  | 9115.7  | 9319.4  | 9523.2  |
| 35°    | 14193.6 | 13674.2 | 13153.5 | 12150.3 | 11145.9 | 10379.8 | 9612.5  | 9470.8  | 9329.0  | 9609.0  | 9889.0  |
| 37.5°  | 14949.0 | 14203.2 | 13456.1 | 12516.1 | 11576.0 | 10842.1 | 10107.0 | 9961.6  | 9816.3  | 10172.5 | 10530.0 |
| 40°    | 15768.7 | 14773.9 | 13779.0 | 12916.4 | 12053.8 | 11481.9 | 10908.8 | 10770.6 | 10631.2 | 11064.9 | 11498.6 |
| 42.5°  | 16450.2 | 15305.2 | 14160.3 | 13398.9 | 12636.4 | 12233.7 | 11829.8 | 11828.6 | 11826.2 | 12265.9 | 12705.5 |
| 45°    | 17004.2 | 15748.5 | 14491.5 | 13869.6 | 13246.4 | 13036.7 | 12827.0 | 12995.0 | 13163.0 | 13559.8 | 13957.7 |
| 47.5°  | 17417.7 | 16120.2 | 14821.5 | 14408.1 | 13994.7 | 14025.6 | 14056.6 | 14398.6 | 14740.5 | 14995.5 | 15251.6 |
| 50°    | 17686.9 | 16457.4 | 15226.6 | 15099.1 | 14971.6 | 15249.2 | 15528.0 | 15920.0 | 16313.2 | 16487.2 | 16661.1 |
| 52.5°  | 18078.9 | 16914.9 | 15749.7 | 15892.6 | 16035.6 | 16602.7 | 17169.8 | 17566.6 | 17963.3 | 18027.7 | 18093.2 |
| 55°    | 18985.6 | 17756.0 | 16525.3 | 16799.3 | 17074.5 | 17906.2 | 18739.0 | 19048.8 | 19358.5 | 19382.4 | 19406.2 |
| 57.5°  | 20273.6 | 18934.4 | 17595.2 | 17890.7 | 18186.1 | 19146.4 | 20107.9 | 20441.5 | 20776.3 | 20729.9 | 20682.2 |
| 60°    | 21237.4 | 20053.1 | 18867.7 | 19165.5 | 19463.4 | 20399.8 | 21336.3 | 21720.0 | 22104.8 | 22002.3 | 21899.9 |
| 62.5°  | 21297.0 | 20664.3 | 20030.5 | 20299.8 | 20570.2 | 21487.6 | 22405.0 | 22799.4 | 23193.8 | 23015.1 | 22836.3 |
| 65°    | 20349.8 | 20633.4 | 20916.9 | 21006.3 | 21095.6 | 21951.1 | 22807.7 | 23109.2 | 23411.8 | 23321.3 | 23230.7 |
| 67.5°  | 19045.2 | 20090.1 | 21136.2 | 20956.2 | 20776.3 | 21177.9 | 21579.4 | 21890.3 | 22201.3 | 22150.1 | 22097.6 |
| 70°    | 17742.9 | 19138.1 | 20533.3 | 19649.2 | 18764.0 | 18598.4 | 18432.8 | 18767.6 | 19103.6 | 18896.2 | 18687.7 |
| 72.5°  | 15525.7 | 17012.6 | 18500.7 | 16872.0 | 15243.3 | 14677.4 | 14111.4 | 14536.8 | 14962.1 | 14632.1 | 14300.9 |
| 75°    | 12187.2 | 13830.2 | 15474.4 | 13531.2 | 11588.0 | 10832.6 | 10077.2 | 10443.0 | 10808.7 | 10582.4 | 10354.8 |
| 77.5°  | 9072.8  | 10692.0 | 12311.2 | 10335.7 | 8359.1  | 7798.0  | 7235.6  | 7344.0  | 7453.7  | 7415.5  | 7376.2  |
| 80°    | 6153.8  | 7282.1  | 8411.6  | 7096.2  | 5780.9  | 5823.8  | 5867.8  | 5816.6  | 5764.2  | 5840.4  | 5916.7  |
| 82.5°  | 3927.0  | 4797.9  | 5670.1  | 4971.9  | 4273.7  | 4674.0  | 5074.3  | 4877.8  | 4680.0  | 4752.7  | 4826.5  |
| 85°    | 2241.1  | 3093.0  | 3946.1  | 3678.0  | 3408.7  | 3642.2  | 3876.9  | 3571.9  | 3266.9  | 3400.4  | 3535.0  |
| 87.5°  | 591.0   | 1710.9  | 2832.1  | 2571.1  | 2310.2  | 2007.6  | 1705.0  | 1301.1  | 897.2   | 1310.6  | 1724.0  |
| 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: P320754  
 CATALOG NUMBER: GAN-SA0A-827-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: P320754

CATALOG NUMBER: GAN-SA0A-827-U-SLR

**CANDELA DISTRIBUTION (continued):**

|        | 330°    | 335°    | 340°    | 345°    | 350°    | 355°    | 360°    |
|--------|---------|---------|---------|---------|---------|---------|---------|
| 0°     | 9078.8  | 9078.8  | 9078.8  | 9078.8  | 9078.8  | 9078.8  | 9078.8  |
| 2.5°   | 10250.0 | 10229.7 | 10157.0 | 10083.2 | 9973.5  | 9883.0  | 9725.7  |
| 5°     | 10986.3 | 10857.6 | 10636.0 | 10413.2 | 10165.4 | 9880.6  | 9564.9  |
| 7.5°   | 11247.2 | 10945.8 | 10520.4 | 10093.9 | 9710.2  | 9259.9  | 8840.5  |
| 10°    | 11136.4 | 10684.8 | 10132.0 | 9578.0  | 9112.1  | 8593.9  | 8128.0  |
| 12.5°  | 10924.3 | 10444.2 | 9835.3  | 9225.3  | 8695.1  | 8138.7  | 7616.9  |
| 15°    | 10632.4 | 10248.8 | 9678.1  | 9107.4  | 8573.6  | 8032.7  | 7414.3  |
| 17.5°  | 10313.1 | 10130.8 | 9718.6  | 9305.2  | 8842.9  | 8318.6  | 7593.1  |
| 20°    | 10055.8 | 10122.5 | 9958.1  | 9793.6  | 9423.1  | 8965.6  | 8150.6  |
| 22.5°  | 9881.8  | 10202.3 | 10328.6 | 10456.1 | 10233.3 | 9875.9  | 8933.4  |
| 25°    | 9784.1  | 10315.5 | 10738.5 | 11162.6 | 11063.7 | 10788.5 | 9884.2  |
| 27.5°  | 9827.0  | 10478.7 | 11135.2 | 11792.9 | 11884.6 | 11808.4 | 10886.2 |
| 30°    | 9955.7  | 10615.7 | 11415.2 | 12215.8 | 12581.6 | 12684.1 | 11721.4 |
| 32.5°  | 10170.1 | 10817.1 | 11688.0 | 12560.2 | 13113.0 | 13439.4 | 12485.1 |
| 35°    | 10494.2 | 11099.5 | 12007.3 | 12915.2 | 13630.1 | 14225.8 | 13273.8 |
| 37.5°  | 11050.6 | 11571.3 | 12408.9 | 13247.6 | 14174.6 | 15069.3 | 14142.4 |
| 40°    | 11865.6 | 12233.7 | 12941.4 | 13650.3 | 14816.8 | 16024.9 | 15111.0 |
| 42.5°  | 12893.8 | 13083.2 | 13644.4 | 14205.5 | 15487.5 | 16892.2 | 16058.2 |
| 45°    | 14007.8 | 14057.8 | 14410.5 | 14764.3 | 16018.9 | 17483.2 | 16769.5 |
| 47.5°  | 15080.1 | 14908.5 | 15049.1 | 15189.7 | 16426.4 | 17905.0 | 17309.2 |
| 50°    | 16183.3 | 15705.6 | 15631.7 | 15557.8 | 16833.9 | 18401.8 | 17995.5 |
| 52.5°  | 17305.7 | 16518.1 | 16226.2 | 15933.1 | 17320.0 | 19060.7 | 18849.8 |
| 55°    | 18404.2 | 17402.2 | 17009.0 | 16615.8 | 18063.4 | 19864.9 | 20104.4 |
| 57.5°  | 19546.8 | 18411.3 | 18046.7 | 17682.2 | 19156.0 | 20883.6 | 21230.3 |
| 60°    | 20776.3 | 19651.6 | 19359.7 | 19066.6 | 20514.2 | 21984.5 | 21731.9 |
| 62.5°  | 21942.8 | 21049.2 | 20895.5 | 20740.6 | 21888.0 | 22830.4 | 21536.5 |
| 65°    | 22722.0 | 22212.0 | 22355.0 | 22499.2 | 22926.9 | 23041.3 | 20964.6 |
| 67.5°  | 22201.3 | 22305.0 | 22909.0 | 23514.3 | 23220.0 | 22414.6 | 19837.5 |
| 70°    | 19308.5 | 19930.4 | 21361.3 | 22793.4 | 22140.5 | 20735.8 | 17814.4 |
| 72.5°  | 14999.0 | 15698.4 | 17822.8 | 19948.3 | 19346.6 | 17626.2 | 14632.1 |
| 75°    | 11143.5 | 11933.5 | 14278.2 | 16623.0 | 15787.8 | 13184.5 | 10476.3 |
| 77.5°  | 7905.2  | 8434.2  | 10749.2 | 13065.3 | 11703.5 | 8776.2  | 7049.8  |
| 80°    | 5754.7  | 5592.6  | 6883.0  | 8173.3  | 7946.9  | 5804.7  | 4527.5  |
| 82.5°  | 4431.0  | 4035.4  | 4643.0  | 5250.7  | 5217.3  | 4028.3  | 3321.7  |
| 85°    | 3376.5  | 3218.1  | 3755.4  | 4292.8  | 3832.9  | 2728.4  | 2111.2  |
| 87.5°  | 1968.3  | 2213.7  | 2846.4  | 3480.2  | 2611.6  | 828.1   | 409.9   |
| 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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| 132.5° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
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| 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  |
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