

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: P320491

Luminaire Tested: **GAN-SA7C-830-U-SLL**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P320491  
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-SA7C-830-U-SLL  
Description: GALLEON AREA AND ROADWAY LUMINAIRE  
(7) 80 CRI, 3000K, 1050mA LIGHTSQUARES WITH 16 LEDS EACH AND SPILL LIGHT  
ELIMINATOR LEFT OPTICS  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 34938 lumens  
Efficiency: N/A  
Efficacy: 89.4 lumens/watt  
Luminous Opening: Rectangular (W 2' x L: 1' x H: 0')  
IES Classification: Type III - Medium  
BUG Rating: B3 - U0 - G5

Input Watts (W): 391  
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

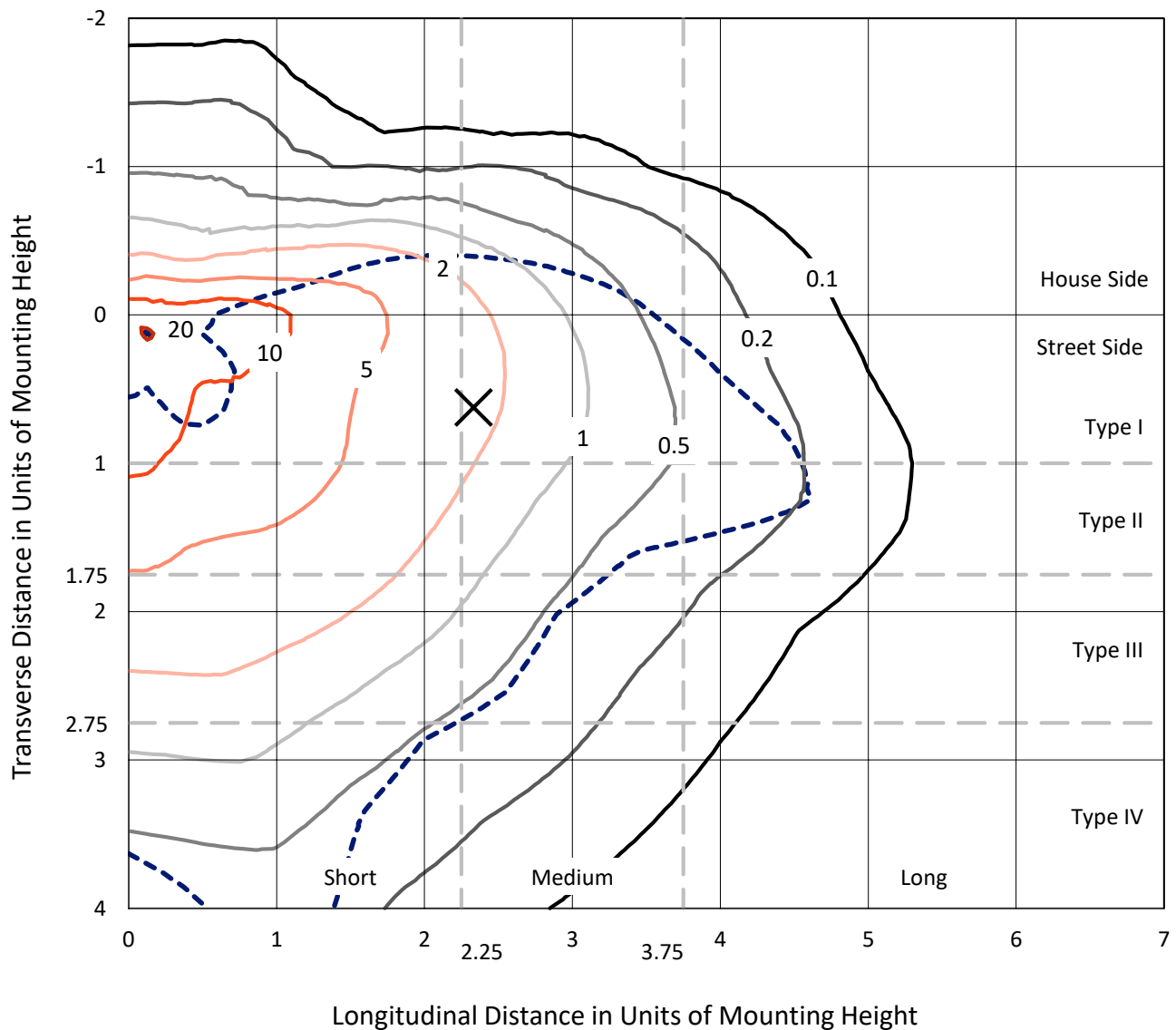


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## Iso-Footcandle Lines of Horizontal Illumination

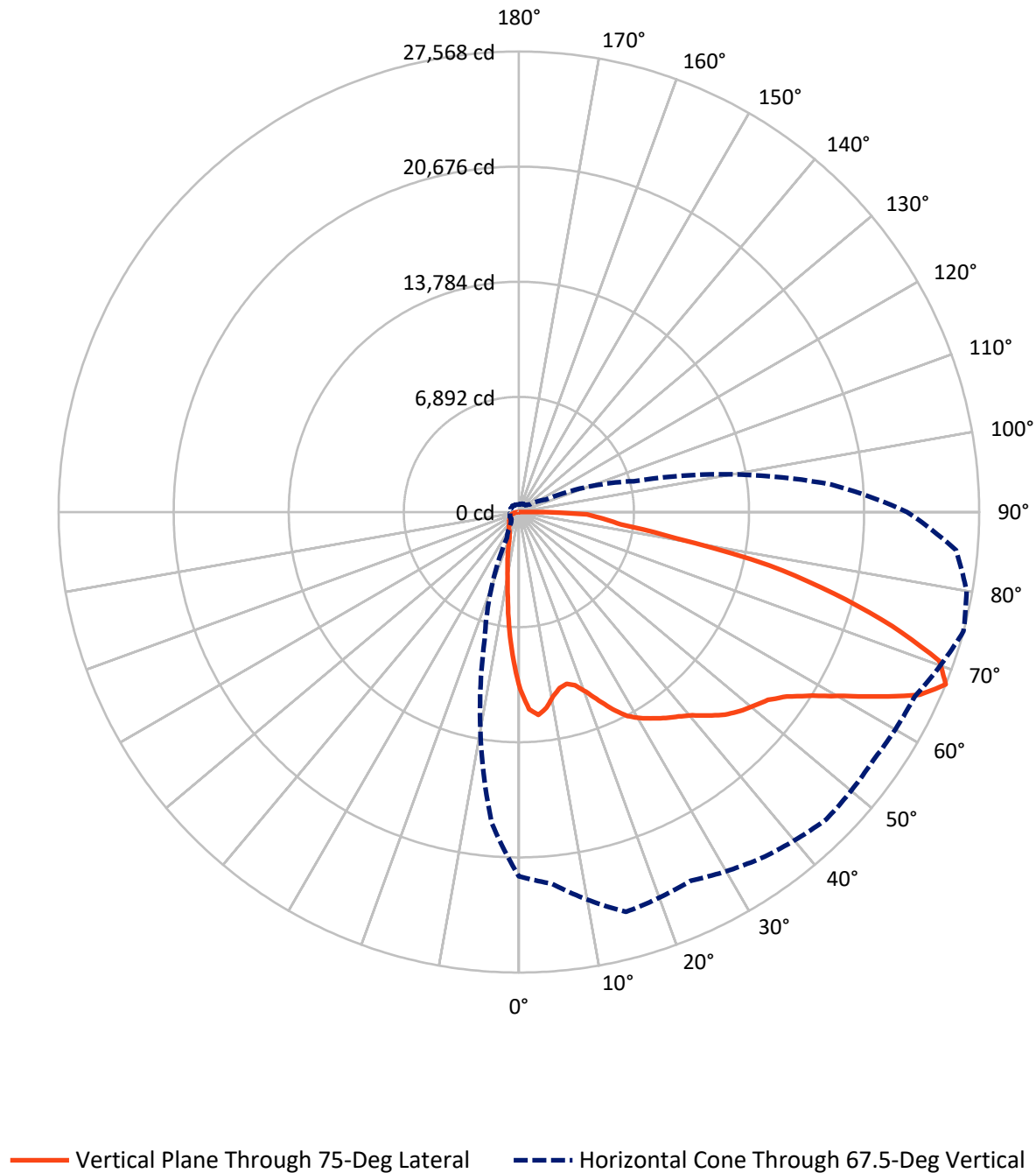
× Max cd  
 --- 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 21.4 fc  
 Type III - Medium - N/A

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## Luminous Intensity Polar Plot



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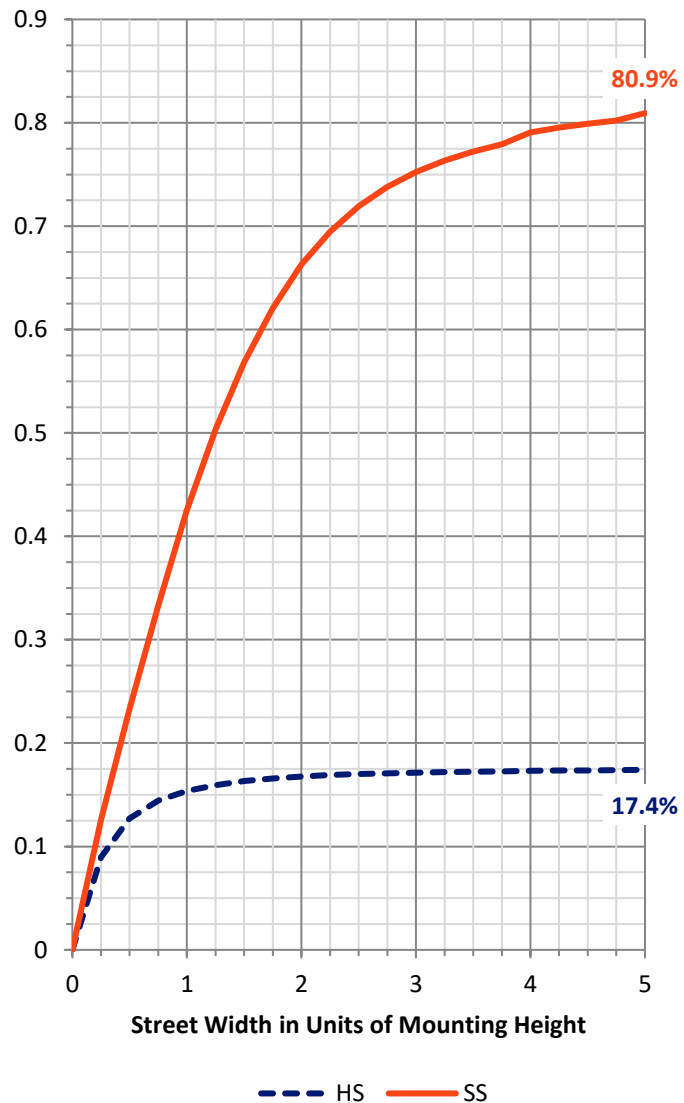
**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total   |
|--------------------|-----------|----------|--------|---------|
| <b>House Side</b>  | Lumens    | 6153.4   | 0.0    | 6153.4  |
|                    | % Fixture | 17.6     | 0.0    | 17.6    |
| <b>Street Side</b> | Lumens    | 28784.6  | 0.0    | 28784.6 |
|                    | % Fixture | 82.4     | 0.0    | 82.4    |
| <b>Total</b>       | Lumens    | 34938.0  | 0.0    | 34938.0 |
|                    | % Fixture | 100.0    | 0.0    | 100.0   |

**ZONAL LUMENS:**

| Zone      | Lumens  | % Fixture |
|-----------|---------|-----------|
| 0°-10°    | 821.5   | 2.4       |
| 10°-20°   | 1706.5  | 4.9       |
| 20°-30°   | 2427.1  | 6.9       |
| 30°-40°   | 3497.4  | 10.0      |
| 40°-50°   | 4928.8  | 14.1      |
| 50°-60°   | 6851.9  | 19.6      |
| 60°-70°   | 8286.0  | 23.7      |
| 70°-80°   | 5093.3  | 14.6      |
| 80°-90°   | 1325.4  | 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°    | 34938.0 | 100.0     |
| 0°-180°   | 34938.0 | 100.0     |

**Coefficient of Utilization**



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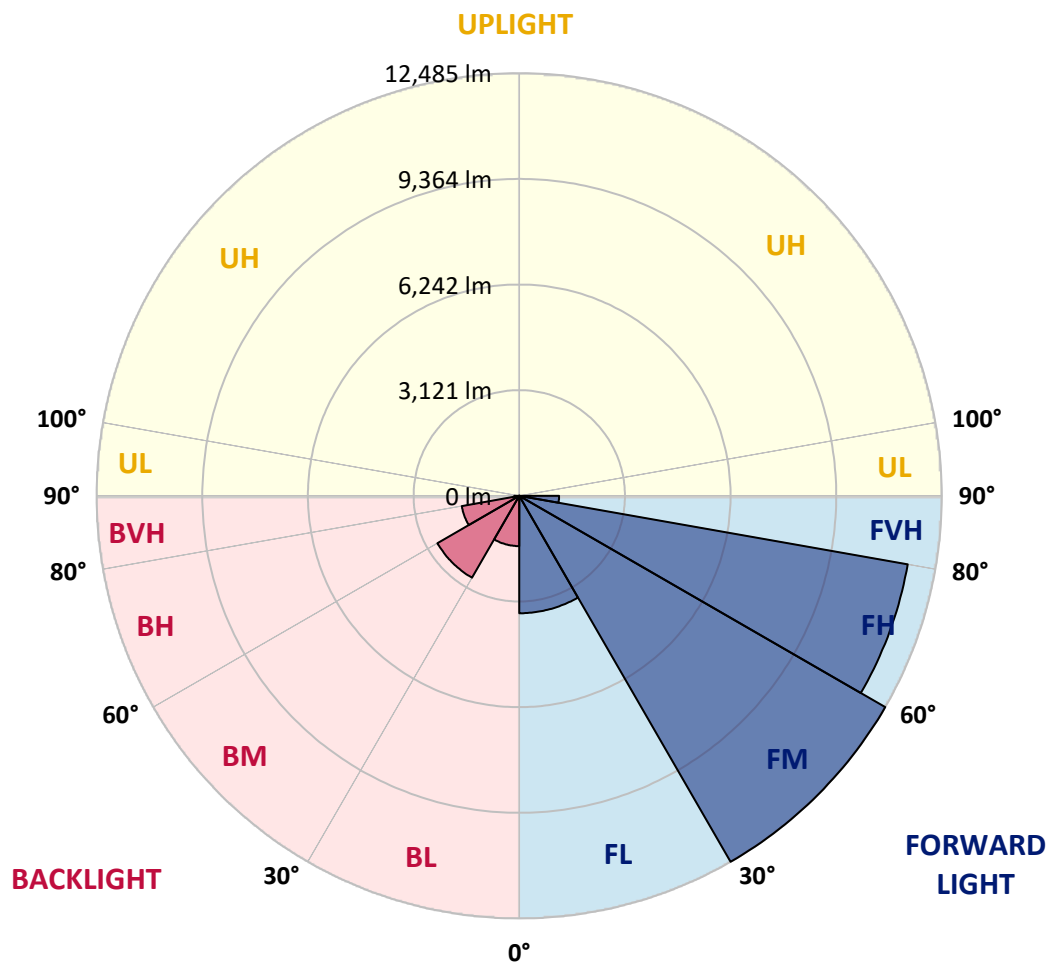
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

| Zone |             | Lumens  | % Fixture | Zone Rating/Lumen Limit |      |          |
|------|-------------|---------|-----------|-------------------------|------|----------|
|      |             |         |           | B                       | U    | G        |
| FL   | (0°-30°)    | 3469.0  | 9.9       |                         |      |          |
| FM   | (30°-60°)   | 12485.0 | 35.7      |                         |      |          |
| FH   | (60°-80°)   | 11654.1 | 33.4      |                         |      | G4/12000 |
| FVH  | (80°-90°)   | 1176.4  | 3.4       |                         |      | G5       |
| BL   | (0°-30°)    | 1486.1  | 4.3       | B3/2500                 |      |          |
| BM   | (30°-60°)   | 2793.2  | 8.0       | B3/5000                 |      |          |
| BH   | (60°-80°)   | 1725.2  | 4.9       | B3/2500                 |      | G3/2500  |
| BVH  | (80°-90°)   | 148.9   | 0.4       |                         |      | 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 III Medium



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**CANDELA DISTRIBUTION (FULL):**

|        | 0°      | 5°      | 10°     | 15°     | 20°     | 25°     | 30°     | 35°     | 40°     | 45°     | 50°     |
|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0°     | 10644.0 | 10644.0 | 10644.0 | 10644.0 | 10644.0 | 10644.0 | 10644.0 | 10644.0 | 10644.0 | 10644.0 | 10644.0 |
| 2.5°   | 11345.2 | 11494.7 | 11598.1 | 11700.0 | 11779.7 | 11857.9 | 11972.4 | 12087.0 | 12109.3 | 12130.3 | 12085.6 |
| 5°     | 11278.2 | 11642.8 | 11952.9 | 12261.6 | 12547.9 | 12834.3 | 13006.1 | 13177.9 | 13212.8 | 13247.8 | 13140.2 |
| 7.5°   | 10556.0 | 11093.8 | 11631.6 | 12169.4 | 12662.5 | 13155.6 | 13455.9 | 13754.8 | 13823.3 | 13890.3 | 13714.3 |
| 10°    | 9734.7  | 10360.5 | 11021.2 | 11681.9 | 12331.4 | 12981.0 | 13415.4 | 13849.8 | 13936.4 | 14023.0 | 13803.7 |
| 12.5°  | 9110.3  | 9793.3  | 10498.8 | 11204.2 | 11890.0 | 12574.5 | 13024.3 | 13474.1 | 13581.6 | 13689.2 | 13529.9 |
| 15°    | 8870.0  | 9618.7  | 10282.2 | 10945.7 | 11543.6 | 12140.1 | 12508.8 | 12876.2 | 12920.9 | 12964.2 | 12939.1 |
| 17.5°  | 9110.3  | 9935.8  | 10536.5 | 11135.7 | 11461.2 | 11785.3 | 11933.3 | 12080.0 | 12128.9 | 12176.4 | 12240.6 |
| 20°    | 9812.9  | 10704.1 | 11127.3 | 11549.2 | 11535.2 | 11519.9 | 11448.6 | 11376.0 | 11363.4 | 11350.8 | 11532.4 |
| 22.5°  | 10815.8 | 11850.9 | 12019.9 | 12187.5 | 11795.0 | 11402.5 | 11163.7 | 10923.4 | 10875.9 | 10827.0 | 11019.8 |
| 25°    | 11993.4 | 13095.5 | 13064.8 | 13032.6 | 12285.3 | 11536.6 | 11081.2 | 10625.9 | 10572.8 | 10519.7 | 10684.5 |
| 27.5°  | 13274.3 | 14327.5 | 14126.4 | 13925.2 | 12909.7 | 11894.2 | 11233.5 | 10572.8 | 10519.7 | 10466.6 | 10611.9 |
| 30°    | 14275.8 | 15231.3 | 14908.6 | 14585.9 | 13436.3 | 12286.7 | 11501.7 | 10716.7 | 10630.1 | 10542.1 | 10720.9 |
| 32.5°  | 15123.7 | 15936.7 | 15503.7 | 15070.7 | 13863.8 | 12656.9 | 11807.6 | 10958.3 | 10822.8 | 10687.3 | 10926.2 |
| 35°    | 16006.5 | 16640.7 | 16031.7 | 15421.3 | 14245.1 | 13067.6 | 12169.4 | 11269.8 | 11103.6 | 10937.4 | 11265.6 |
| 37.5°  | 16999.7 | 17526.3 | 16651.9 | 15776.1 | 14673.9 | 13571.8 | 12711.4 | 11849.5 | 11679.1 | 11508.7 | 11927.7 |
| 40°    | 18048.7 | 18487.4 | 17321.0 | 16154.6 | 15143.3 | 14132.0 | 13461.5 | 12789.6 | 12627.6 | 12464.1 | 12972.6 |
| 42.5°  | 18966.5 | 19286.4 | 17944.0 | 16601.6 | 15709.0 | 14815.0 | 14342.9 | 13869.4 | 13868.0 | 13865.2 | 14380.6 |
| 45°    | 19657.9 | 19935.9 | 18463.6 | 16989.9 | 16260.8 | 15530.2 | 15284.4 | 15038.5 | 15235.5 | 15432.4 | 15899.0 |
| 47.5°  | 20232.0 | 20420.6 | 18899.4 | 17376.9 | 16892.2 | 16407.4 | 16443.8 | 16480.1 | 16881.0 | 17281.9 | 17582.2 |
| 50°    | 20888.6 | 20736.3 | 19294.7 | 17851.8 | 17702.3 | 17552.9 | 17879.7 | 18205.2 | 18666.2 | 19125.7 | 19329.7 |
| 52.5°  | 21599.5 | 21195.9 | 19831.1 | 18465.0 | 18632.6 | 18800.3 | 19465.2 | 20130.1 | 20595.2 | 21060.4 | 21137.2 |
| 55°    | 22877.7 | 22258.9 | 20817.3 | 19374.4 | 19697.0 | 20018.3 | 20994.7 | 21969.7 | 22332.9 | 22696.1 | 22724.0 |
| 57.5°  | 24317.8 | 23768.9 | 22198.8 | 20628.7 | 20975.2 | 21321.6 | 22448.8 | 23574.7 | 23967.2 | 24358.3 | 24303.9 |
| 60°    | 24872.4 | 24898.9 | 23510.4 | 22120.6 | 22469.8 | 22819.0 | 23916.9 | 25014.9 | 25466.0 | 25915.8 | 25795.7 |
| 62.5°  | 24313.6 | 24968.8 | 24227.0 | 23483.9 | 23801.0 | 24116.7 | 25192.3 | 26267.8 | 26730.2 | 27192.6 | 26983.0 |
| 65°    | 23208.7 | 23858.3 | 24190.7 | 24523.2 | 24627.9 | 24732.7 | 25737.0 | 26740.0 | 27094.8 | 27448.2 | 27342.0 |
| 67.5°  | 21803.5 | 22328.7 | 23555.1 | 24780.2 | 24569.3 | 24358.3 | 24829.1 | 25299.8 | 25664.4 | 26029.0 | 25968.9 |
| 70°    | 20176.2 | 20801.9 | 22437.7 | 24073.4 | 23036.9 | 21999.0 | 21804.9 | 21610.7 | 22004.6 | 22397.2 | 22154.1 |
| 72.5°  | 17258.1 | 18202.4 | 19947.1 | 21690.3 | 19780.8 | 17871.3 | 17207.8 | 16544.3 | 17043.0 | 17541.7 | 17154.8 |
| 75°    | 13035.4 | 14288.4 | 16216.1 | 18142.3 | 15864.1 | 13585.8 | 12700.2 | 11814.6 | 12243.4 | 12672.3 | 12406.9 |
| 77.5°  | 9065.6  | 10637.0 | 12535.4 | 14433.7 | 12117.7 | 9800.3  | 9142.4  | 8483.1  | 8611.6  | 8738.7  | 8694.0  |
| 80°    | 6181.1  | 7214.7  | 8539.0  | 9861.8  | 8319.7  | 6777.5  | 6829.2  | 6879.5  | 6819.4  | 6758.0  | 6847.4  |
| 82.5°  | 3876.3  | 4604.0  | 5626.5  | 6647.6  | 5829.1  | 5010.5  | 5479.9  | 5949.2  | 5718.7  | 5486.8  | 5573.4  |
| 85°    | 2183.3  | 2627.5  | 3627.6  | 4626.4  | 4312.1  | 3996.4  | 4271.6  | 4545.4  | 4187.8  | 3830.2  | 3988.0  |
| 87.5°  | 416.3   | 692.8   | 2007.3  | 3320.3  | 3014.4  | 2708.5  | 2353.7  | 1998.9  | 1525.4  | 1051.8  | 1536.5  |
| 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     |



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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°     | 10644.0 | 10644.0 | 10644.0 | 10644.0 | 10644.0 | 10644.0 | 10644.0 | 10644.0 | 10644.0 | 10644.0 | 10644.0 |
| 2.5°   | 12040.9 | 12017.1 | 11993.4 | 11908.2 | 11821.6 | 11693.1 | 11586.9 | 11402.5 | 11301.9 | 11149.7 | 10997.4 |
| 5°     | 13031.2 | 12880.4 | 12729.5 | 12469.7 | 12208.5 | 11918.0 | 11584.1 | 11213.9 | 10934.6 | 10571.4 | 10208.2 |
| 7.5°   | 13538.3 | 13186.3 | 12832.9 | 12334.2 | 11834.1 | 11384.4 | 10856.3 | 10364.7 | 9945.6  | 9473.5  | 9001.3  |
| 10°    | 13584.4 | 13056.4 | 12527.0 | 11878.8 | 11229.3 | 10683.1 | 10075.5 | 9529.3  | 9026.5  | 8484.5  | 7941.1  |
| 12.5°  | 13369.3 | 12807.8 | 12244.8 | 11531.0 | 10815.8 | 10195.6 | 9541.9  | 8930.1  | 8372.7  | 7776.3  | 7178.4  |
| 15°    | 12913.9 | 12465.5 | 12015.7 | 11346.6 | 10677.5 | 10051.8 | 9417.6  | 8692.6  | 8062.6  | 7452.2  | 6840.4  |
| 17.5°  | 12303.5 | 12091.2 | 11877.4 | 11394.1 | 10909.4 | 10367.4 | 9752.8  | 8902.1  | 8164.6  | 7501.1  | 6837.6  |
| 20°    | 11712.6 | 11790.8 | 11867.7 | 11674.9 | 11482.1 | 11047.7 | 10511.3 | 9555.9  | 8614.4  | 7747.0  | 6878.1  |
| 22.5°  | 11211.1 | 11586.9 | 11961.3 | 12110.7 | 12258.8 | 11997.6 | 11578.5 | 10473.6 | 9227.6  | 8094.8  | 6961.9  |
| 25°    | 10848.0 | 11471.0 | 12094.0 | 12591.2 | 13087.1 | 12971.2 | 12648.5 | 11588.3 | 10040.6 | 8596.2  | 7150.5  |
| 27.5°  | 10757.2 | 11521.2 | 12285.3 | 13056.4 | 13826.1 | 13933.6 | 13844.2 | 12763.1 | 11010.0 | 9219.2  | 7427.1  |
| 30°    | 10899.6 | 11673.5 | 12446.0 | 13384.7 | 14321.9 | 14750.8 | 14870.9 | 13742.2 | 12117.7 | 9945.6  | 7772.1  |
| 32.5°  | 11165.1 | 11923.5 | 12682.0 | 13704.5 | 14725.6 | 15373.8 | 15756.5 | 14637.6 | 12890.2 | 10493.2 | 8094.8  |
| 35°    | 11593.9 | 12303.5 | 13013.1 | 14077.5 | 15141.9 | 15980.0 | 16678.4 | 15562.3 | 13576.0 | 10875.9 | 8174.4  |
| 37.5°  | 12345.4 | 12955.8 | 13566.2 | 14549.6 | 15531.6 | 16618.4 | 17667.4 | 16580.7 | 14317.8 | 11244.7 | 8170.2  |
| 40°    | 13481.0 | 13912.7 | 14342.9 | 15174.0 | 16003.8 | 17371.3 | 18787.7 | 17716.3 | 15137.7 | 11644.2 | 8150.6  |
| 42.5°  | 14896.0 | 15118.1 | 15338.9 | 15996.8 | 16654.7 | 18157.7 | 19804.6 | 18826.8 | 15919.9 | 12015.7 | 8111.5  |
| 45°    | 16364.1 | 16422.8 | 16481.5 | 16896.3 | 17309.8 | 18780.7 | 20497.4 | 19660.7 | 16603.0 | 12338.4 | 8072.4  |
| 47.5°  | 17881.1 | 17680.0 | 17478.8 | 17643.7 | 17808.5 | 19258.4 | 20991.9 | 20293.5 | 17288.9 | 12696.0 | 8101.8  |
| 50°    | 19533.6 | 18973.5 | 18413.3 | 18326.7 | 18240.1 | 19736.1 | 21574.4 | 21098.1 | 18113.0 | 13217.0 | 8321.1  |
| 52.5°  | 21212.6 | 20289.3 | 19366.0 | 19023.8 | 18680.1 | 20306.1 | 22346.9 | 22099.6 | 19289.2 | 14024.4 | 8758.3  |
| 55°    | 22752.0 | 21577.2 | 20402.4 | 19941.5 | 19480.5 | 21177.7 | 23289.7 | 23570.5 | 20796.4 | 15056.7 | 9315.6  |
| 57.5°  | 24248.0 | 22916.8 | 21585.6 | 21158.1 | 20730.7 | 22458.6 | 24484.1 | 24890.5 | 22318.9 | 16047.1 | 9773.8  |
| 60°    | 25675.6 | 24358.3 | 23039.7 | 22697.5 | 22353.9 | 24051.0 | 25774.7 | 25478.6 | 23104.0 | 16510.8 | 9916.3  |
| 62.5°  | 26773.5 | 25725.9 | 24678.2 | 24498.0 | 24316.4 | 25661.6 | 26766.5 | 25249.5 | 22605.3 | 16054.0 | 9502.8  |
| 65°    | 27235.9 | 26639.4 | 26041.5 | 26210.6 | 26378.2 | 26879.7 | 27013.8 | 24579.0 | 21038.0 | 14774.5 | 8511.0  |
| 67.5°  | 25907.4 | 26029.0 | 26150.5 | 26860.1 | 27568.3 | 27223.3 | 26279.0 | 23257.6 | 18807.2 | 12961.4 | 7115.6  |
| 70°    | 21909.7 | 22638.8 | 23366.6 | 25045.6 | 26723.2 | 25957.7 | 24310.8 | 20885.8 | 16122.5 | 10873.1 | 5622.3  |
| 72.5°  | 16766.4 | 17586.4 | 18404.9 | 20896.9 | 23387.5 | 22682.1 | 20665.1 | 17154.8 | 12926.5 | 8682.8  | 4437.8  |
| 75°    | 12140.1 | 13066.2 | 13990.9 | 16739.9 | 19488.9 | 18509.7 | 15457.6 | 12282.5 | 9818.5  | 6628.1  | 3436.3  |
| 77.5°  | 8647.9  | 9268.1  | 9888.3  | 12603.8 | 15317.9 | 13722.7 | 10289.2 | 8265.2  | 6795.7  | 4606.8  | 2416.6  |
| 80°    | 6936.8  | 6746.8  | 6556.8  | 8069.6  | 9582.4  | 9317.0  | 6805.5  | 5308.0  | 4703.2  | 3087.0  | 1470.9  |
| 82.5°  | 5658.7  | 5194.9  | 4731.1  | 5443.5  | 6155.9  | 6116.8  | 4722.8  | 3894.4  | 3500.5  | 2145.6  | 790.6   |
| 85°    | 4144.5  | 3958.7  | 3772.9  | 4402.9  | 5032.9  | 4495.1  | 3198.8  | 2475.2  | 2729.5  | 1579.8  | 430.2   |
| 87.5°  | 2021.2  | 2309.0  | 2595.4  | 3338.5  | 4080.2  | 3063.3  | 970.8   | 480.5   | 664.9   | 437.2   | 208.1   |
| 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-SA7C-830-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  |

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CATALOG NUMBER: GAN-SA7C-830-U-SLL

**CANDELA DISTRIBUTION (continued):**

|        | 110°    | 115°    | 120°    | 125°    | 130°    | 135°    | 140°    | 145°    | 150°    | 155°    | 160°    |
|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0°     | 10644.0 | 10644.0 | 10644.0 | 10644.0 | 10644.0 | 10644.0 | 10644.0 | 10644.0 | 10644.0 | 10644.0 | 10644.0 |
| 2.5°   | 10884.3 | 10769.7 | 10639.8 | 10509.9 | 10361.9 | 10212.4 | 10124.4 | 10035.0 | 9938.6  | 9842.2  | 9733.3  |
| 5°     | 9967.9  | 9727.7  | 9455.3  | 9182.9  | 8913.3  | 8643.7  | 8498.5  | 8353.2  | 8199.5  | 8044.5  | 7910.4  |
| 7.5°   | 8652.1  | 8301.5  | 7924.4  | 7545.8  | 7210.6  | 6873.9  | 6665.8  | 6456.3  | 6266.3  | 6074.9  | 5914.3  |
| 10°    | 7494.1  | 7047.1  | 6668.6  | 6288.6  | 6035.8  | 5783.0  | 5591.6  | 5400.2  | 5215.9  | 5030.1  | 4852.7  |
| 12.5°  | 6731.4  | 6284.4  | 6044.2  | 5803.9  | 5594.4  | 5384.9  | 5164.2  | 4942.1  | 4689.2  | 4435.0  | 4249.2  |
| 15°    | 6433.9  | 6027.4  | 5760.6  | 5492.4  | 5211.7  | 4929.5  | 4658.5  | 4387.5  | 4088.6  | 3789.7  | 3578.7  |
| 17.5°  | 6305.4  | 5773.2  | 5400.2  | 5025.9  | 4655.7  | 4285.5  | 3971.3  | 3657.0  | 3330.1  | 3003.2  | 2789.5  |
| 20°    | 6169.9  | 5461.7  | 4961.6  | 4460.2  | 3985.2  | 3510.3  | 3154.1  | 2797.9  | 2506.0  | 2214.0  | 2050.6  |
| 22.5°  | 6047.0  | 5130.6  | 4503.5  | 3874.9  | 3313.3  | 2751.8  | 2402.6  | 2052.0  | 1873.2  | 1694.4  | 1628.7  |
| 25°    | 5996.7  | 4841.5  | 4070.4  | 3299.4  | 2707.1  | 2113.4  | 1864.8  | 1616.2  | 1547.7  | 1477.9  | 1444.3  |
| 27.5°  | 6005.1  | 4583.1  | 3705.9  | 2827.2  | 2293.6  | 1760.0  | 1589.6  | 1419.2  | 1377.3  | 1334.0  | 1313.0  |
| 30°    | 6037.2  | 4302.3  | 3362.2  | 2422.1  | 1982.1  | 1542.1  | 1431.8  | 1320.0  | 1275.3  | 1230.6  | 1204.1  |
| 32.5°  | 6073.5  | 4050.9  | 3096.8  | 2141.4  | 1782.4  | 1422.0  | 1331.2  | 1239.0  | 1195.7  | 1152.4  | 1125.9  |
| 35°    | 6010.7  | 3845.5  | 2915.2  | 1984.9  | 1653.9  | 1321.4  | 1244.6  | 1166.4  | 1118.9  | 1071.4  | 1046.2  |
| 37.5°  | 5904.5  | 3638.8  | 2774.2  | 1908.1  | 1570.1  | 1230.6  | 1174.8  | 1117.5  | 1068.6  | 1018.3  | 994.6   |
| 40°    | 5808.1  | 3464.2  | 2669.4  | 1873.2  | 1524.0  | 1173.4  | 1125.9  | 1078.4  | 1028.1  | 976.4   | 948.5   |
| 42.5°  | 5729.9  | 3346.9  | 2566.0  | 1785.2  | 1482.1  | 1177.5  | 1110.5  | 1042.1  | 993.2   | 944.3   | 913.5   |
| 45°    | 5671.2  | 3270.0  | 2485.0  | 1700.0  | 1442.9  | 1185.9  | 1100.7  | 1015.5  | 966.6   | 916.3   | 880.0   |
| 47.5°  | 5665.6  | 3229.5  | 2427.7  | 1625.9  | 1368.9  | 1110.5  | 1075.6  | 1040.7  | 969.4   | 896.8   | 854.9   |
| 50°    | 5742.5  | 3163.9  | 2360.7  | 1556.1  | 1297.7  | 1039.3  | 1086.8  | 1132.8  | 1011.3  | 888.4   | 835.3   |
| 52.5°  | 5903.1  | 3047.9  | 2254.5  | 1461.1  | 1211.1  | 959.6   | 1033.7  | 1106.3  | 1001.5  | 895.4   | 826.9   |
| 55°    | 6097.3  | 2877.5  | 2093.9  | 1308.9  | 1096.5  | 882.8   | 948.5   | 1012.7  | 947.1   | 880.0   | 797.6   |
| 57.5°  | 6218.8  | 2662.4  | 1891.3  | 1120.3  | 968.0   | 815.8   | 853.5   | 889.8   | 863.3   | 836.7   | 752.9   |
| 60°    | 6146.2  | 2376.0  | 1663.7  | 949.9   | 854.9   | 759.9   | 752.9   | 744.5   | 783.6   | 822.7   | 726.4   |
| 62.5°  | 5791.4  | 2079.9  | 1462.5  | 845.1   | 773.9   | 701.2   | 685.9   | 669.1   | 733.3   | 796.2   | 694.2   |
| 65°    | 5192.1  | 1873.2  | 1335.4  | 797.6   | 718.0   | 638.4   | 621.6   | 604.8   | 624.4   | 643.9   | 596.5   |
| 67.5°  | 4430.8  | 1746.1  | 1262.8  | 779.4   | 683.1   | 585.3   | 565.7   | 546.2   | 542.0   | 537.8   | 521.0   |
| 70°    | 3645.8  | 1667.8  | 1215.3  | 762.7   | 645.3   | 526.6   | 508.5   | 490.3   | 484.7   | 477.7   | 465.2   |
| 72.5°  | 3047.9  | 1658.1  | 1209.7  | 761.3   | 614.6   | 467.9   | 451.2   | 434.4   | 427.4   | 419.1   | 409.3   |
| 75°    | 2496.2  | 1556.1  | 1148.2  | 740.3   | 572.7   | 403.7   | 388.3   | 373.0   | 367.4   | 360.4   | 352.0   |
| 77.5°  | 1852.2  | 1287.9  | 965.2   | 642.6   | 490.3   | 338.0   | 322.7   | 305.9   | 304.5   | 301.7   | 294.7   |
| 80°    | 1201.3  | 931.7   | 690.0   | 448.4   | 357.6   | 265.4   | 252.8   | 238.9   | 240.3   | 241.7   | 236.1   |
| 82.5°  | 667.7   | 543.4   | 421.8   | 300.3   | 244.4   | 188.6   | 183.0   | 176.0   | 180.2   | 183.0   | 176.0   |
| 85°    | 352.0   | 273.8   | 226.3   | 178.8   | 141.1   | 103.4   | 103.4   | 102.0   | 107.6   | 113.1   | 107.6   |
| 87.5°  | 152.3   | 96.4    | 82.4    | 67.0    | 37.7    | 7.0     | 8.4     | 8.4     | 11.2    | 14.0    | 12.6    |
| 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: P320491  
 CATALOG NUMBER: GAN-SA7C-830-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  |

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CATALOG NUMBER: GAN-SA7C-830-U-SLL

**CANDELA DISTRIBUTION (continued):**

|        | 165°    | 170°    | 175°    | 180°    | 185°    | 190°    | 195°    | 200°    | 205°    | 210°    | 215°    |
|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0°     | 10644.0 | 10644.0 | 10644.0 | 10644.0 | 10644.0 | 10644.0 | 10644.0 | 10644.0 | 10644.0 | 10644.0 | 10644.0 |
| 2.5°   | 9622.9  | 9521.0  | 9417.6  | 9304.4  | 9325.4  | 9238.8  | 9152.2  | 9097.7  | 9043.2  | 9026.5  | 9009.7  |
| 5°     | 7776.3  | 7660.3  | 7543.0  | 7438.2  | 7529.0  | 7467.6  | 7406.1  | 7397.7  | 7388.0  | 7388.0  | 7386.6  |
| 7.5°   | 5753.6  | 5629.3  | 5503.6  | 5417.0  | 5506.4  | 5495.2  | 5484.0  | 5544.1  | 5604.2  | 5653.1  | 5700.6  |
| 10°    | 4675.3  | 4524.4  | 4372.2  | 4243.6  | 4221.3  | 4157.0  | 4091.4  | 4105.4  | 4117.9  | 4171.0  | 4224.1  |
| 12.5°  | 4063.4  | 3883.3  | 3703.1  | 3552.2  | 3483.8  | 3377.6  | 3270.0  | 3203.0  | 3135.9  | 3142.9  | 3148.5  |
| 15°    | 3366.4  | 3191.8  | 3015.8  | 2885.9  | 2842.6  | 2760.2  | 2677.8  | 2594.0  | 2508.7  | 2473.8  | 2437.5  |
| 17.5°  | 2574.4  | 2434.7  | 2293.6  | 2207.0  | 2207.0  | 2183.3  | 2159.5  | 2117.6  | 2074.3  | 2039.4  | 2003.1  |
| 20°    | 1887.1  | 1813.1  | 1737.7  | 1701.4  | 1712.5  | 1713.9  | 1713.9  | 1734.9  | 1755.8  | 1744.7  | 1733.5  |
| 22.5°  | 1561.7  | 1535.1  | 1508.6  | 1493.2  | 1498.8  | 1500.2  | 1501.6  | 1521.2  | 1539.3  | 1553.3  | 1565.9  |
| 25°    | 1409.4  | 1392.7  | 1375.9  | 1370.3  | 1382.9  | 1384.3  | 1384.3  | 1396.9  | 1409.4  | 1423.4  | 1437.4  |
| 27.5°  | 1290.7  | 1283.7  | 1276.7  | 1266.9  | 1279.5  | 1279.5  | 1278.1  | 1292.1  | 1304.7  | 1317.2  | 1328.4  |
| 30°    | 1177.5  | 1180.3  | 1181.7  | 1178.9  | 1187.3  | 1192.9  | 1197.1  | 1206.9  | 1215.3  | 1225.0  | 1234.8  |
| 32.5°  | 1097.9  | 1093.7  | 1089.5  | 1086.8  | 1104.9  | 1114.7  | 1124.5  | 1134.2  | 1142.6  | 1146.8  | 1151.0  |
| 35°    | 1021.1  | 1011.3  | 1001.5  | 994.6   | 1011.3  | 1023.9  | 1036.5  | 1054.6  | 1071.4  | 1074.2  | 1077.0  |
| 37.5°  | 969.4   | 956.8   | 944.3   | 935.9   | 942.9   | 948.5   | 954.1   | 973.6   | 993.2   | 1004.3  | 1014.1  |
| 40°    | 920.5   | 908.0   | 895.4   | 888.4   | 892.6   | 894.0   | 895.4   | 905.2   | 913.5   | 934.5   | 954.1   |
| 42.5°  | 881.4   | 866.0   | 850.7   | 842.3   | 845.1   | 847.9   | 849.3   | 847.9   | 846.5   | 866.0   | 885.6   |
| 45°    | 842.3   | 825.5   | 808.8   | 799.0   | 800.4   | 800.4   | 800.4   | 797.6   | 793.4   | 803.2   | 813.0   |
| 47.5°  | 811.6   | 792.0   | 772.5   | 762.7   | 759.9   | 757.1   | 754.3   | 752.9   | 750.1   | 757.1   | 762.7   |
| 50°    | 780.8   | 759.9   | 737.5   | 726.4   | 719.4   | 716.6   | 713.8   | 712.4   | 709.6   | 716.6   | 722.2   |
| 52.5°  | 757.1   | 732.0   | 706.8   | 688.6   | 681.7   | 677.5   | 673.3   | 674.7   | 674.7   | 677.5   | 678.9   |
| 55°    | 715.2   | 692.8   | 669.1   | 656.5   | 643.9   | 641.2   | 638.4   | 642.6   | 645.3   | 645.3   | 645.3   |
| 57.5°  | 669.1   | 648.1   | 625.8   | 617.4   | 606.2   | 606.2   | 604.8   | 610.4   | 614.6   | 617.4   | 620.2   |
| 60°    | 628.6   | 604.8   | 581.1   | 574.1   | 569.9   | 568.5   | 567.1   | 574.1   | 579.7   | 585.3   | 590.9   |
| 62.5°  | 590.9   | 565.7   | 540.6   | 532.2   | 530.8   | 532.2   | 532.2   | 539.2   | 544.8   | 550.4   | 555.9   |
| 65°    | 549.0   | 523.8   | 497.3   | 488.9   | 491.7   | 495.9   | 500.1   | 505.7   | 509.9   | 515.4   | 521.0   |
| 67.5°  | 502.9   | 481.9   | 459.6   | 451.2   | 452.6   | 458.2   | 463.8   | 467.9   | 470.7   | 476.3   | 481.9   |
| 70°    | 452.6   | 434.4   | 416.3   | 410.7   | 409.3   | 416.3   | 421.8   | 424.6   | 427.4   | 434.4   | 440.0   |
| 72.5°  | 398.1   | 382.7   | 367.4   | 363.2   | 364.6   | 368.8   | 373.0   | 377.2   | 379.9   | 386.9   | 392.5   |
| 75°    | 342.2   | 328.3   | 314.3   | 311.5   | 314.3   | 318.5   | 322.7   | 325.5   | 328.3   | 336.6   | 343.6   |
| 77.5°  | 287.8   | 272.4   | 255.6   | 254.2   | 258.4   | 262.6   | 265.4   | 269.6   | 273.8   | 285.0   | 296.1   |
| 80°    | 230.5   | 213.7   | 195.6   | 194.2   | 198.4   | 202.5   | 206.7   | 210.9   | 215.1   | 229.1   | 241.7   |
| 82.5°  | 169.0   | 149.5   | 129.9   | 127.1   | 141.1   | 145.3   | 149.5   | 156.4   | 162.0   | 174.6   | 187.2   |
| 85°    | 102.0   | 82.4    | 62.9    | 61.5    | 74.0    | 81.0    | 88.0    | 96.4    | 103.4   | 114.5   | 125.7   |
| 87.5°  | 11.2    | 5.6     | 0.0     | 0.0     | 1.4     | 7.0     | 12.6    | 19.6    | 26.5    | 37.7    | 47.5    |
| 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     |



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 CATALOG NUMBER: GAN-SA7C-830-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  |



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**CANDELA DISTRIBUTION (continued):**

|        | 220°    | 225°    | 230°    | 235°    | 240°    | 245°    | 250°    | 255°    | 260°    | 265°    | 270°    |
|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0°     | 10644.0 | 10644.0 | 10644.0 | 10644.0 | 10644.0 | 10644.0 | 10644.0 | 10644.0 | 10644.0 | 10644.0 | 10644.0 |
| 2.5°   | 8948.2  | 8885.4  | 8949.6  | 9012.5  | 9039.0  | 9065.6  | 8997.1  | 8927.3  | 9036.2  | 9143.8  | 9171.7  |
| 5°     | 7330.7  | 7273.4  | 7316.7  | 7358.6  | 7265.0  | 7171.4  | 7161.7  | 7150.5  | 7231.5  | 7312.5  | 7325.1  |
| 7.5°   | 5682.4  | 5664.2  | 5704.8  | 5745.3  | 5626.5  | 5506.4  | 5447.7  | 5389.1  | 5408.6  | 5428.2  | 5425.4  |
| 10°    | 4236.7  | 4247.8  | 4298.1  | 4347.0  | 4254.8  | 4162.6  | 4122.1  | 4081.6  | 4126.3  | 4169.6  | 4210.1  |
| 12.5°  | 3173.7  | 3197.4  | 3250.5  | 3302.2  | 3264.4  | 3225.3  | 3229.5  | 3233.7  | 3285.4  | 3335.7  | 3380.4  |
| 15°    | 2465.4  | 2493.4  | 2531.1  | 2567.4  | 2568.8  | 2568.8  | 2605.1  | 2640.1  | 2635.9  | 2631.7  | 2662.4  |
| 17.5°  | 2040.8  | 2077.1  | 2081.3  | 2085.5  | 2086.9  | 2088.3  | 2085.5  | 2082.7  | 2061.8  | 2040.8  | 2064.5  |
| 20°    | 1747.5  | 1760.0  | 1771.2  | 1781.0  | 1768.4  | 1754.4  | 1719.5  | 1684.6  | 1670.6  | 1656.7  | 1679.0  |
| 22.5°  | 1589.6  | 1612.0  | 1600.8  | 1588.2  | 1563.1  | 1536.5  | 1510.0  | 1482.1  | 1480.7  | 1477.9  | 1490.4  |
| 25°    | 1456.9  | 1475.1  | 1455.5  | 1436.0  | 1417.8  | 1399.6  | 1381.5  | 1363.3  | 1361.9  | 1360.5  | 1366.1  |
| 27.5°  | 1346.6  | 1363.3  | 1345.2  | 1327.0  | 1311.6  | 1296.3  | 1282.3  | 1268.3  | 1265.5  | 1262.8  | 1264.2  |
| 30°    | 1251.6  | 1266.9  | 1251.6  | 1234.8  | 1223.6  | 1211.1  | 1201.3  | 1191.5  | 1190.1  | 1188.7  | 1188.7  |
| 32.5°  | 1166.4  | 1181.7  | 1170.6  | 1159.4  | 1149.6  | 1139.8  | 1132.8  | 1125.9  | 1118.9  | 1111.9  | 1096.5  |
| 35°    | 1092.3  | 1107.7  | 1100.7  | 1092.3  | 1081.2  | 1070.0  | 1057.4  | 1043.4  | 1025.3  | 1005.7  | 997.4   |
| 37.5°  | 1029.5  | 1044.8  | 1037.9  | 1030.9  | 1015.5  | 1000.1  | 977.8   | 954.1   | 948.5   | 941.5   | 940.1   |
| 40°    | 979.2   | 1002.9  | 989.0   | 973.6   | 949.9   | 926.1   | 914.9   | 903.8   | 901.0   | 898.2   | 895.4   |
| 42.5°  | 923.3   | 959.6   | 934.5   | 909.4   | 887.0   | 864.7   | 861.9   | 859.1   | 857.7   | 856.3   | 856.3   |
| 45°    | 853.5   | 892.6   | 867.4   | 840.9   | 828.3   | 815.8   | 815.8   | 815.8   | 817.2   | 817.2   | 820.0   |
| 47.5°  | 787.8   | 811.6   | 799.0   | 786.4   | 779.4   | 772.5   | 773.9   | 775.3   | 779.4   | 782.2   | 789.2   |
| 50°    | 732.0   | 740.3   | 743.1   | 744.5   | 740.3   | 736.1   | 738.9   | 740.3   | 744.5   | 747.3   | 752.9   |
| 52.5°  | 691.4   | 704.0   | 704.0   | 702.6   | 702.6   | 702.6   | 705.4   | 708.2   | 712.4   | 716.6   | 722.2   |
| 55°    | 664.9   | 683.1   | 677.5   | 671.9   | 673.3   | 673.3   | 676.1   | 678.9   | 683.1   | 685.9   | 694.2   |
| 57.5°  | 639.8   | 659.3   | 653.7   | 648.1   | 648.1   | 648.1   | 649.5   | 650.9   | 655.1   | 657.9   | 663.5   |
| 60°    | 610.4   | 630.0   | 624.4   | 617.4   | 618.8   | 620.2   | 621.6   | 621.6   | 624.4   | 625.8   | 625.8   |
| 62.5°  | 575.5   | 595.1   | 589.5   | 582.5   | 586.7   | 589.5   | 589.5   | 589.5   | 592.3   | 593.7   | 589.5   |
| 65°    | 539.2   | 557.3   | 551.8   | 546.2   | 551.8   | 555.9   | 558.7   | 560.1   | 558.7   | 557.3   | 553.2   |
| 67.5°  | 500.1   | 518.2   | 512.6   | 505.7   | 512.6   | 518.2   | 523.8   | 528.0   | 523.8   | 519.6   | 514.0   |
| 70°    | 458.2   | 476.3   | 469.3   | 462.4   | 469.3   | 476.3   | 481.9   | 487.5   | 481.9   | 476.3   | 474.9   |
| 72.5°  | 413.5   | 434.4   | 426.0   | 417.7   | 426.0   | 434.4   | 437.2   | 440.0   | 435.8   | 431.6   | 428.8   |
| 75°    | 364.6   | 385.5   | 378.5   | 370.2   | 377.2   | 384.1   | 385.5   | 386.9   | 386.9   | 385.5   | 377.2   |
| 77.5°  | 312.9   | 329.7   | 325.5   | 321.3   | 325.5   | 329.7   | 329.7   | 329.7   | 331.1   | 331.1   | 319.9   |
| 80°    | 251.4   | 261.2   | 262.6   | 264.0   | 265.4   | 266.8   | 265.4   | 264.0   | 261.2   | 258.4   | 251.4   |
| 82.5°  | 187.2   | 187.2   | 198.4   | 208.1   | 208.1   | 206.7   | 205.3   | 202.5   | 197.0   | 190.0   | 174.6   |
| 85°    | 118.7   | 111.7   | 129.9   | 146.7   | 146.7   | 145.3   | 142.5   | 138.3   | 127.1   | 114.5   | 102.0   |
| 87.5°  | 40.5    | 33.5    | 51.7    | 69.8    | 71.2    | 71.2    | 68.4    | 65.7    | 54.5    | 41.9    | 32.1    |
| 90°    | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 92.5°  | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 95°    | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 97.5°  | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 100°   | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 102.5° | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 105°   | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 107.5° | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 110°   | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |



REPORT NUMBER: P320491  
 CATALOG NUMBER: GAN-SA7C-830-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  |



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CATALOG NUMBER: GAN-SA7C-830-U-SLL

**CANDELA DISTRIBUTION (continued):**

|        | 275°    | 280°    | 285°    | 290°    | 295°    | 300°    | 305°    | 310°    | 315°    | 320°    | 325°    |
|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0°     | 10644.0 | 10644.0 | 10644.0 | 10644.0 | 10644.0 | 10644.0 | 10644.0 | 10644.0 | 10644.0 | 10644.0 | 10644.0 |
| 2.5°   | 9213.6  | 9231.8  | 9248.6  | 9385.5  | 9521.0  | 9680.2  | 9839.4  | 9961.0  | 10081.1 | 10205.4 | 10329.7 |
| 5°     | 7368.4  | 7390.8  | 7413.1  | 7579.3  | 7744.2  | 7966.3  | 8188.4  | 8379.7  | 8571.1  | 8796.0  | 9020.9  |
| 7.5°   | 5461.7  | 5510.6  | 5558.1  | 5735.5  | 5911.5  | 6150.3  | 6387.8  | 6637.8  | 6886.5  | 7179.8  | 7473.2  |
| 10°    | 4289.7  | 4381.9  | 4472.7  | 4654.3  | 4835.9  | 5072.0  | 5306.6  | 5567.9  | 5829.1  | 6118.2  | 6406.0  |
| 12.5°  | 3472.6  | 3595.5  | 3717.0  | 3934.9  | 4152.8  | 4435.0  | 4715.8  | 5006.3  | 5295.5  | 5549.7  | 5803.9  |
| 15°    | 2743.4  | 2877.5  | 3010.2  | 3240.7  | 3471.2  | 3781.3  | 4090.0  | 4407.1  | 4722.8  | 5027.3  | 5331.8  |
| 17.5°  | 2140.0  | 2250.3  | 2359.3  | 2554.8  | 2749.0  | 3049.3  | 3349.7  | 3682.1  | 4014.6  | 4386.1  | 4756.3  |
| 20°    | 1726.5  | 1772.6  | 1818.7  | 1959.8  | 2099.5  | 2343.9  | 2587.0  | 2926.4  | 3265.8  | 3710.0  | 4154.2  |
| 22.5°  | 1512.8  | 1536.5  | 1558.9  | 1627.3  | 1694.4  | 1852.2  | 2008.7  | 2309.0  | 2607.9  | 3092.6  | 3575.9  |
| 25°    | 1384.3  | 1402.4  | 1420.6  | 1465.3  | 1510.0  | 1585.4  | 1660.9  | 1871.8  | 2082.7  | 2559.0  | 3034.0  |
| 27.5°  | 1268.3  | 1296.3  | 1322.8  | 1343.8  | 1363.3  | 1415.0  | 1465.3  | 1603.6  | 1741.9  | 2186.1  | 2628.9  |
| 30°    | 1184.5  | 1194.3  | 1204.1  | 1236.2  | 1266.9  | 1320.0  | 1373.1  | 1469.5  | 1565.9  | 1941.6  | 2316.0  |
| 32.5°  | 1086.8  | 1100.7  | 1114.7  | 1148.2  | 1181.7  | 1230.6  | 1279.5  | 1357.7  | 1434.6  | 1755.8  | 2075.7  |
| 35°    | 998.8   | 1012.7  | 1026.7  | 1060.2  | 1092.3  | 1145.4  | 1197.1  | 1262.8  | 1327.0  | 1606.4  | 1885.8  |
| 37.5°  | 944.3   | 958.2   | 972.2   | 1001.5  | 1029.5  | 1082.6  | 1134.2  | 1185.9  | 1236.2  | 1494.6  | 1753.1  |
| 40°    | 898.2   | 912.1   | 926.1   | 954.1   | 980.6   | 1032.3  | 1082.6  | 1125.9  | 1169.2  | 1410.8  | 1652.5  |
| 42.5°  | 857.7   | 873.0   | 888.4   | 916.3   | 942.9   | 989.0   | 1035.1  | 1092.3  | 1148.2  | 1338.2  | 1526.8  |
| 45°    | 824.1   | 839.5   | 853.5   | 884.2   | 914.9   | 959.6   | 1004.3  | 1084.0  | 1163.6  | 1300.5  | 1437.4  |
| 47.5°  | 793.4   | 810.2   | 825.5   | 859.1   | 892.6   | 948.5   | 1002.9  | 1070.0  | 1135.6  | 1271.1  | 1406.6  |
| 50°    | 764.1   | 783.6   | 803.2   | 843.7   | 882.8   | 976.4   | 1068.6  | 1078.4  | 1086.8  | 1247.4  | 1406.6  |
| 52.5°  | 736.1   | 758.5   | 780.8   | 831.1   | 880.0   | 989.0   | 1097.9  | 1063.0  | 1026.7  | 1202.7  | 1378.7  |
| 55°    | 708.2   | 727.8   | 745.9   | 807.4   | 868.8   | 948.5   | 1028.1  | 982.0   | 934.5   | 1118.9  | 1303.3  |
| 57.5°  | 670.5   | 691.4   | 711.0   | 776.7   | 842.3   | 898.2   | 952.7   | 910.7   | 867.4   | 1023.9  | 1178.9  |
| 60°    | 631.4   | 655.1   | 678.9   | 762.7   | 845.1   | 835.3   | 824.1   | 815.8   | 806.0   | 917.7   | 1029.5  |
| 62.5°  | 596.5   | 621.6   | 646.7   | 755.7   | 864.7   | 797.6   | 730.6   | 737.5   | 743.1   | 825.5   | 908.0   |
| 65°    | 561.5   | 586.7   | 610.4   | 664.9   | 719.4   | 692.8   | 666.3   | 677.5   | 687.3   | 768.3   | 849.3   |
| 67.5°  | 522.4   | 544.8   | 565.7   | 583.9   | 602.0   | 604.8   | 607.6   | 618.8   | 630.0   | 726.4   | 821.3   |
| 70°    | 479.1   | 497.3   | 515.4   | 528.0   | 539.2   | 544.8   | 549.0   | 562.9   | 576.9   | 681.7   | 786.4   |
| 72.5°  | 430.2   | 445.6   | 459.6   | 470.7   | 481.9   | 486.1   | 488.9   | 502.9   | 516.8   | 628.6   | 740.3   |
| 75°    | 377.2   | 389.7   | 400.9   | 410.7   | 420.5   | 426.0   | 431.6   | 441.4   | 451.2   | 572.7   | 692.8   |
| 77.5°  | 318.5   | 331.1   | 342.2   | 350.6   | 357.6   | 363.2   | 367.4   | 379.9   | 392.5   | 494.5   | 595.1   |
| 80°    | 248.6   | 264.0   | 278.0   | 285.0   | 290.5   | 291.9   | 291.9   | 303.1   | 314.3   | 386.9   | 458.2   |
| 82.5°  | 176.0   | 192.8   | 208.1   | 213.7   | 219.3   | 219.3   | 219.3   | 231.9   | 244.4   | 293.3   | 340.8   |
| 85°    | 103.4   | 121.5   | 138.3   | 143.9   | 149.5   | 152.3   | 153.7   | 159.2   | 163.4   | 198.4   | 231.9   |
| 87.5°  | 32.1    | 47.5    | 61.5    | 64.3    | 67.0    | 72.6    | 78.2    | 79.6    | 79.6    | 103.4   | 127.1   |
| 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-SA7C-830-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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CATALOG NUMBER: GAN-SA7C-830-U-SLL

**CANDELA DISTRIBUTION (continued):**

|        | 330°    | 335°    | 340°    | 345°    | 350°    | 355°    | 360°    |
|--------|---------|---------|---------|---------|---------|---------|---------|
| 0°     | 10644.0 | 10644.0 | 10644.0 | 10644.0 | 10644.0 | 10644.0 | 10644.0 |
| 2.5°   | 10472.2 | 10614.7 | 10780.9 | 10945.7 | 11086.8 | 11227.9 | 11345.2 |
| 5°     | 9307.2  | 9593.6  | 9944.2  | 10293.4 | 10604.9 | 10916.4 | 11278.2 |
| 7.5°   | 7843.3  | 8213.5  | 8667.5  | 9121.5  | 9561.5  | 10000.1 | 10556.0 |
| 10°    | 6783.1  | 7158.9  | 7639.4  | 8118.5  | 8613.0  | 9106.1  | 9734.7  |
| 12.5°  | 6109.8  | 6414.4  | 6879.5  | 7344.7  | 7925.7  | 8505.4  | 9110.3  |
| 15°    | 5665.6  | 5998.1  | 6450.7  | 6903.3  | 7538.8  | 8174.4  | 8870.0  |
| 17.5°  | 5192.1  | 5626.5  | 6206.2  | 6785.9  | 7538.8  | 8290.3  | 9110.3  |
| 20°    | 4696.2  | 5236.8  | 5988.3  | 6739.8  | 7753.9  | 8766.7  | 9812.9  |
| 22.5°  | 4201.7  | 4827.5  | 5791.4  | 6753.8  | 8079.4  | 9403.6  | 10815.8 |
| 25°    | 3756.1  | 4478.3  | 5671.2  | 6862.7  | 8552.9  | 10241.7 | 11993.4 |
| 27.5°  | 3418.1  | 4205.9  | 5622.3  | 7037.3  | 9153.6  | 11269.8 | 13274.3 |
| 30°    | 3117.8  | 3919.6  | 5563.7  | 7207.8  | 9731.9  | 12254.6 | 14275.8 |
| 32.5°  | 2858.0  | 3640.2  | 5450.5  | 7259.4  | 10135.6 | 13011.7 | 15123.7 |
| 35°    | 2654.0  | 3422.3  | 5260.6  | 7098.8  | 10388.4 | 13678.0 | 16006.5 |
| 37.5°  | 2478.0  | 3203.0  | 5044.0  | 6885.1  | 10613.3 | 14341.5 | 16999.7 |
| 40°    | 2310.4  | 2968.3  | 4858.3  | 6746.8  | 10923.4 | 15100.0 | 18048.7 |
| 42.5°  | 2151.2  | 2775.5  | 4708.8  | 6642.0  | 11211.1 | 15778.9 | 18966.5 |
| 45°    | 2032.4  | 2627.5  | 4576.1  | 6523.3  | 11396.9 | 16270.6 | 19657.9 |
| 47.5°  | 1973.8  | 2539.5  | 4504.9  | 6468.8  | 11582.7 | 16695.2 | 20232.0 |
| 50°    | 1965.4  | 2524.1  | 4585.9  | 6647.6  | 11985.0 | 17321.0 | 20888.6 |
| 52.5°  | 1964.0  | 2549.3  | 4819.1  | 7089.0  | 12732.3 | 18374.2 | 21599.5 |
| 55°    | 1934.6  | 2564.6  | 5097.1  | 7628.2  | 13735.3 | 19840.9 | 22877.7 |
| 57.5°  | 1845.2  | 2511.5  | 5383.5  | 8254.0  | 14795.5 | 21335.5 | 24317.8 |
| 60°    | 1707.0  | 2383.0  | 5619.5  | 8854.7  | 15507.9 | 22159.7 | 24872.4 |
| 62.5°  | 1533.7  | 2158.1  | 5697.8  | 9236.0  | 15488.3 | 21740.6 | 24313.6 |
| 65°    | 1385.7  | 1922.1  | 5440.7  | 8958.0  | 14704.7 | 20449.9 | 23208.7 |
| 67.5°  | 1254.4  | 1686.0  | 4798.2  | 7909.0  | 13295.3 | 18680.1 | 21803.5 |
| 70°    | 1159.4  | 1531.0  | 3969.9  | 6408.8  | 11531.0 | 16651.9 | 20176.2 |
| 72.5°  | 1099.3  | 1456.9  | 3236.5  | 5014.7  | 9357.5  | 13698.9 | 17258.1 |
| 75°    | 1016.9  | 1341.0  | 2539.5  | 3736.6  | 7161.7  | 10586.8 | 13035.4 |
| 77.5°  | 863.3   | 1130.1  | 1913.7  | 2697.3  | 5255.0  | 7811.2  | 9065.6  |
| 80°    | 666.3   | 873.0   | 1315.8  | 1758.6  | 3616.5  | 5474.3  | 6181.1  |
| 82.5°  | 474.9   | 609.0   | 797.6   | 986.2   | 2402.6  | 3817.6  | 3876.3  |
| 85°    | 293.3   | 354.8   | 456.8   | 558.7   | 1589.6  | 2620.5  | 2183.3  |
| 87.5°  | 157.8   | 188.6   | 241.7   | 293.3   | 508.5   | 723.6   | 416.3   |
| 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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| 145°   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
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| 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  |
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| 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  |
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