

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: McGRAW-EDISON

Report Number: P949859

Luminaire Tested: **GALN-SB4C-727-U-SLL**

Issue Date: 1/21/2025

### Test Information

Test Method: LM-79-08  
Report Number: P949859  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2411-289-8)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/21/2025  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: McGRAW-EDISON  
Catalog Number: GALN-SB4C-727-U-SLL  
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE  
(4) 70 CRI, 2700K, 615mA LIGHTSQUARES WITH 26 LEDS EACH AND SPILL LIGHT  
ELIMINATOR LEFT OPTICS  
Light Source: -  
Ballast/Driver: -

### Summary

Lumens per Lamp: N/A  
Luminaire Lumens: 27740 lumens  
Efficiency: N/A  
Efficacy: 138.2 lumens/watt  
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')  
IES Classification: Type IV - Short  
BUG Rating: B3 - U0 - G5  
  
Input Watts (W): 200.7  
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



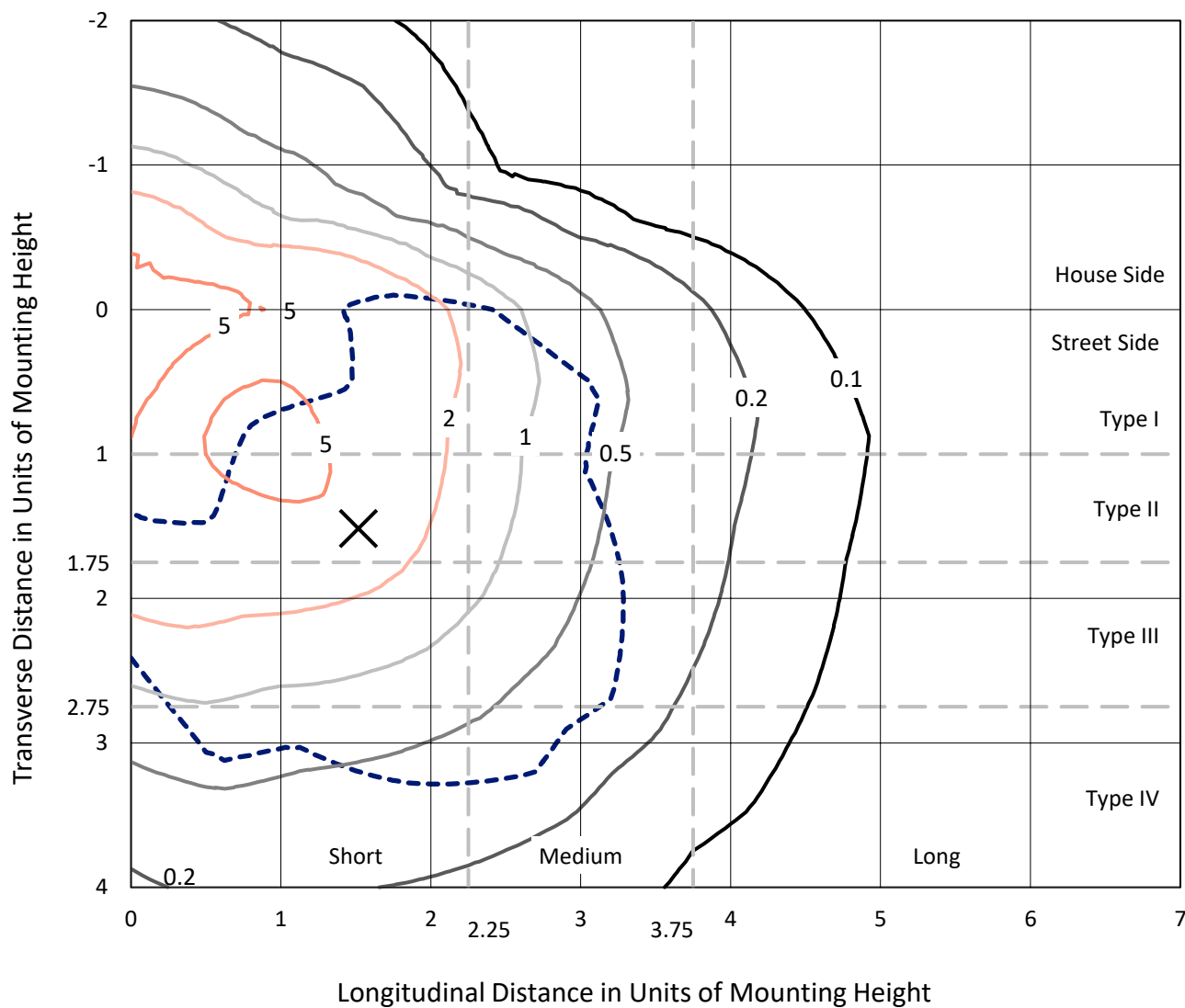
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## Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd

--- 1/2 Max cd



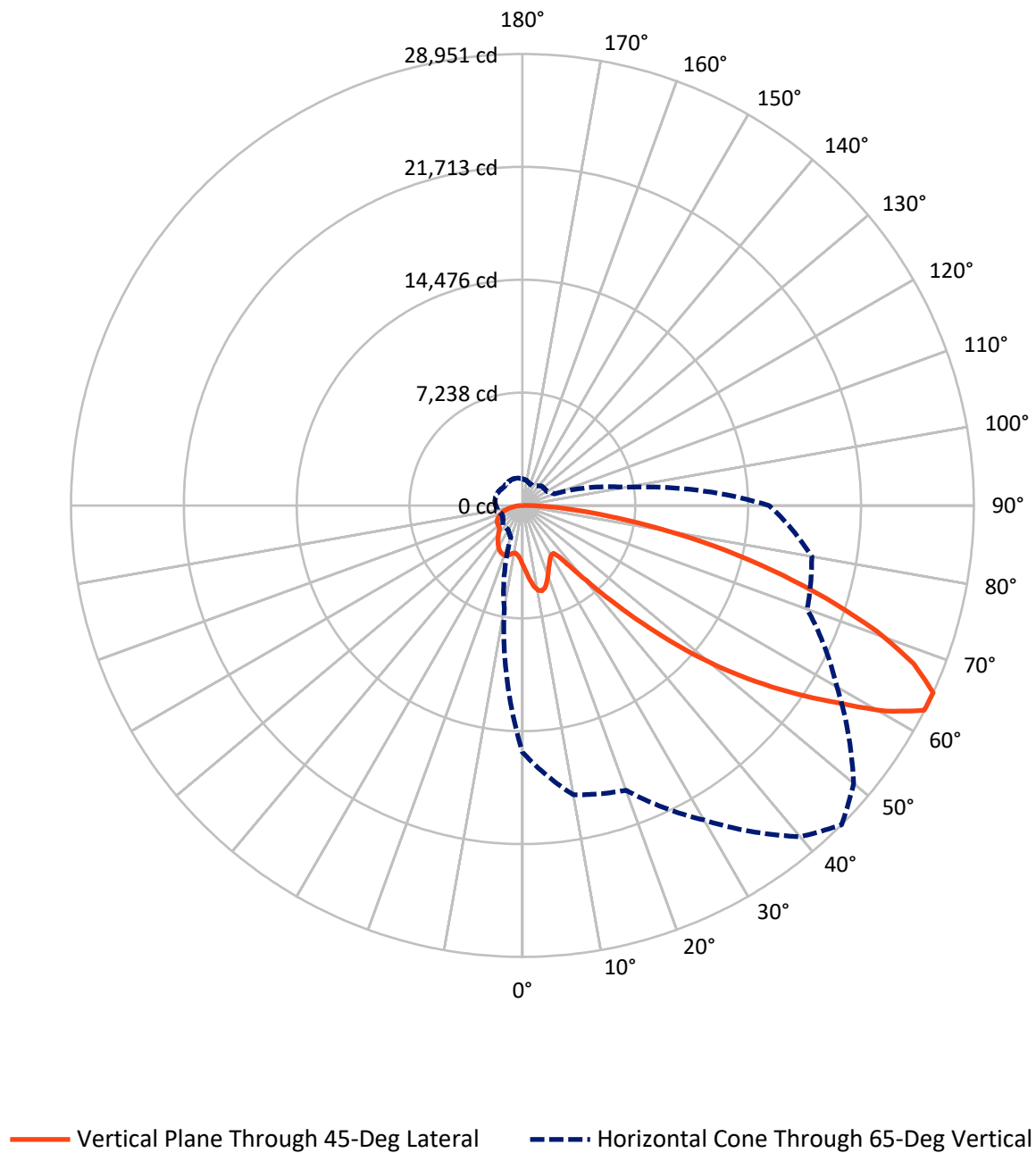
Based on 25 foot mounting height. Maximum calculated value = 8.4 fc

Type IV - Short - N/A

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## Luminous Intensity Polar Plot



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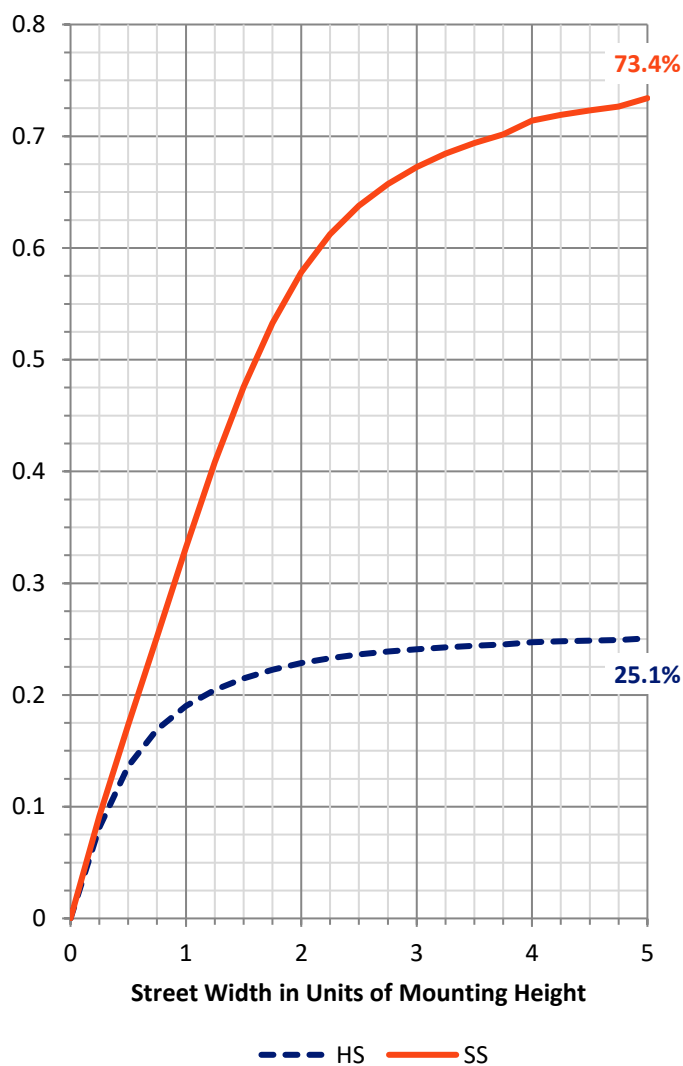
**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total   |
|--------------------|-----------|----------|--------|---------|
| <b>House Side</b>  | Lumens    | 7050.1   | 0.0    | 7050.1  |
|                    | % Fixture | 25.4     | 0.0    | 25.4    |
| <b>Street Side</b> | Lumens    | 20689.9  | 0.0    | 20689.9 |
|                    | % Fixture | 74.6     | 0.0    | 74.6    |
| <b>Total</b>       | Lumens    | 27740.0  | 0.0    | 27740.0 |
|                    | % Fixture | 100.0    | 0.0    | 100.0   |

**ZONAL LUMENS:**

| Zone      | Lumens  | % Fixture |
|-----------|---------|-----------|
| 0°-10°    | 378.4   | 1.4       |
| 10°-20°   | 1187.9  | 4.3       |
| 20°-30°   | 1834.8  | 6.6       |
| 30°-40°   | 2325.2  | 8.4       |
| 40°-50°   | 3507.0  | 12.6      |
| 50°-60°   | 5666.0  | 20.4      |
| 60°-70°   | 7063.6  | 25.5      |
| 70°-80°   | 4632.0  | 16.7      |
| 80°-90°   | 1145.1  | 4.1       |
| 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°    | 27740.0 | 100.0     |
| 0°-180°   | 27740.0 | 100.0     |

**Coefficient of Utilization**



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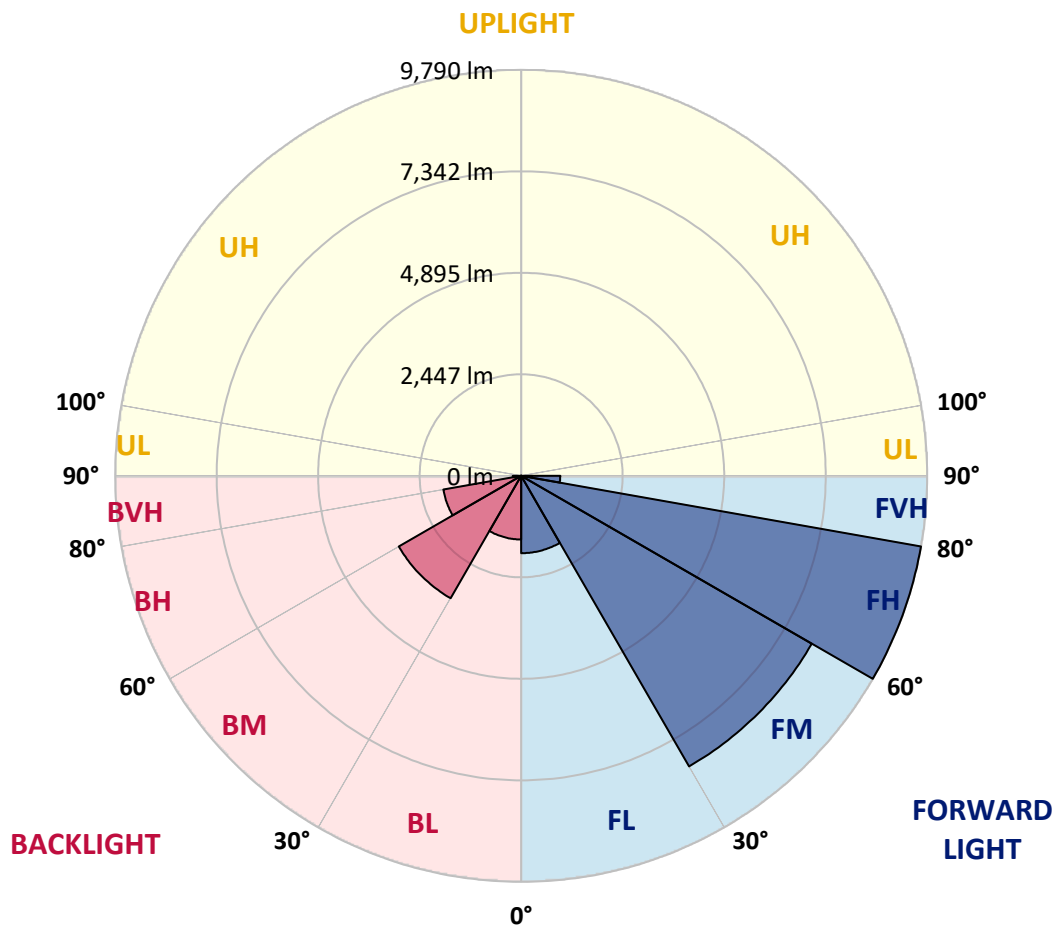
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

| Zone |             | Lumens | % Fixture | Zone Rating/Lumen Limit |      |          |
|------|-------------|--------|-----------|-------------------------|------|----------|
|      |             |        |           | B                       | U    | G        |
| FL   | (0°-30°)    | 1865.8 | 6.7       |                         |      |          |
| FM   | (30°-60°)   | 8091.2 | 29.2      |                         |      |          |
| FH   | (60°-80°)   | 9789.6 | 35.3      |                         |      | G4/12000 |
| FVH  | (80°-90°)   | 943.3  | 3.4       |                         |      | G5       |
| BL   | (0°-30°)    | 1535.2 | 5.5       | B3/2500                 |      |          |
| BM   | (30°-60°)   | 3407.0 | 12.3      | B3/5000                 |      |          |
| BH   | (60°-80°)   | 1906.0 | 6.9       | B3/2500                 |      | G3/2500  |
| BVH  | (80°-90°)   | 201.8  | 0.7       |                         |      | 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 Short



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**CANDELA DISTRIBUTION (FULL):**

|       | 0°      | 5°      | 10°     | 15°     | 20°     | 25°     | 30°     | 35°     | 40°     | 45°     | 50°     |
|-------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0°    | 3814.5  | 3814.5  | 3814.5  | 3814.5  | 3814.5  | 3814.5  | 3814.5  | 3814.5  | 3814.5  | 3814.5  | 3814.5  |
| 2.5°  | 4102.1  | 4117.6  | 4133.3  | 4155.4  | 4177.5  | 4190.7  | 4203.8  | 4210.4  | 4217.0  | 4214.1  | 4217.0  |
| 5°    | 4411.0  | 4465.3  | 4519.7  | 4573.6  | 4627.6  | 4656.9  | 4686.1  | 4703.9  | 4721.7  | 4735.2  | 4721.7  |
| 7.5°  | 4721.3  | 4809.7  | 4897.9  | 4977.4  | 5056.9  | 5104.8  | 5152.6  | 5178.5  | 5204.3  | 5216.7  | 5204.3  |
| 10°   | 4959.1  | 5063.6  | 5168.1  | 5261.4  | 5354.6  | 5411.1  | 5467.3  | 5492.5  | 5517.5  | 5527.1  | 5517.5  |
| 12.5° | 5104.8  | 5218.1  | 5331.2  | 5415.5  | 5499.5  | 5540.5  | 5581.5  | 5595.3  | 5609.0  | 5610.5  | 5609.0  |
| 15°   | 5193.3  | 5291.1  | 5388.7  | 5441.6  | 5494.6  | 5496.0  | 5497.5  | 5482.9  | 5468.2  | 5450.9  | 5468.2  |
| 17.5° | 5243.1  | 5309.1  | 5375.1  | 5376.1  | 5377.0  | 5317.7  | 5258.5  | 5204.2  | 5149.7  | 5111.4  | 5149.7  |
| 20°   | 5298.0  | 5321.0  | 5344.1  | 5274.6  | 5205.0  | 5074.2  | 4943.3  | 4848.0  | 4752.7  | 4694.2  | 4752.7  |
| 22.5° | 5361.7  | 5331.5  | 5301.3  | 5157.3  | 5013.3  | 4820.8  | 4628.3  | 4509.2  | 4390.0  | 4325.3  | 4390.0  |
| 25°   | 5443.6  | 5348.5  | 5253.3  | 5034.7  | 4816.0  | 4582.2  | 4348.5  | 4223.2  | 4098.2  | 4037.0  | 4098.2  |
| 27.5° | 5554.9  | 5384.8  | 5214.5  | 4924.9  | 4635.4  | 4376.3  | 4117.2  | 3993.9  | 3870.8  | 3813.0  | 3870.8  |
| 30°   | 5704.9  | 5451.2  | 5197.7  | 4841.2  | 4484.6  | 4214.7  | 3944.8  | 3830.4  | 3716.1  | 3662.3  | 3716.1  |
| 32.5° | 5882.0  | 5534.7  | 5187.5  | 4784.1  | 4380.7  | 4127.0  | 3873.3  | 3783.6  | 3693.7  | 3654.9  | 3693.7  |
| 35°   | 6097.2  | 5672.1  | 5247.2  | 4826.8  | 4406.6  | 4230.3  | 4054.2  | 4033.3  | 4012.4  | 4009.2  | 4012.4  |
| 37.5° | 6459.5  | 5959.4  | 5459.4  | 5077.4  | 4695.4  | 4683.9  | 4672.5  | 4768.3  | 4864.0  | 4913.8  | 4864.0  |
| 40°   | 7006.9  | 6463.1  | 5919.3  | 5635.2  | 5351.1  | 5551.6  | 5752.2  | 5984.9  | 6217.6  | 6333.6  | 6217.6  |
| 42.5° | 7732.9  | 7193.4  | 6653.8  | 6490.2  | 6326.5  | 6763.9  | 7201.3  | 7624.6  | 8047.9  | 8296.4  | 8047.9  |
| 45°   | 8629.4  | 8144.8  | 7660.0  | 7587.8  | 7515.5  | 8216.2  | 8917.1  | 9612.6  | 10308.3 | 10730.6 | 10308.3 |
| 47.5° | 9750.7  | 9279.2  | 8807.6  | 8792.9  | 8778.3  | 9789.2  | 10799.7 | 11818.0 | 12836.2 | 13434.1 | 12836.2 |
| 50°   | 11220.2 | 10637.8 | 10055.6 | 10058.0 | 10060.5 | 11363.3 | 12666.0 | 14010.1 | 15354.3 | 16166.9 | 15354.3 |
| 52.5° | 12907.2 | 12202.0 | 11496.9 | 11425.6 | 11354.2 | 12910.3 | 14466.4 | 16129.5 | 17792.4 | 18766.5 | 17792.4 |
| 55°   | 14703.2 | 14006.5 | 13309.7 | 13031.8 | 12753.8 | 14485.7 | 16217.4 | 18200.1 | 20182.7 | 21341.2 | 20182.7 |
| 57.5° | 16336.7 | 15957.3 | 15577.8 | 15020.2 | 14462.9 | 16211.6 | 17960.3 | 20206.0 | 22451.5 | 23888.1 | 22451.5 |
| 60°   | 17324.0 | 17913.3 | 18502.8 | 17810.4 | 17118.1 | 18773.0 | 20427.9 | 22832.2 | 25236.5 | 26789.2 | 25236.5 |
| 62.5° | 16822.7 | 18432.9 | 20043.2 | 19965.2 | 19887.0 | 21403.0 | 22919.1 | 25206.7 | 27494.0 | 28929.2 | 27494.0 |
| 65°   | 15819.3 | 17330.6 | 18841.9 | 19140.9 | 19439.8 | 21366.4 | 23293.1 | 25511.3 | 27729.3 | 28951.2 | 27729.3 |
| 67.5° | 14474.9 | 15912.2 | 17349.6 | 17489.9 | 17629.9 | 19637.3 | 21644.5 | 23872.2 | 26099.8 | 27057.1 | 26099.8 |
| 70°   | 12859.6 | 14423.0 | 15986.6 | 16049.2 | 16112.0 | 17907.2 | 19702.1 | 21619.2 | 23536.1 | 24068.2 | 23536.1 |
| 72.5° | 10934.8 | 12728.9 | 14523.2 | 14568.2 | 14613.2 | 16017.6 | 17422.1 | 18857.9 | 20293.5 | 20347.4 | 20293.5 |
| 75°   | 8499.9  | 10356.8 | 12213.7 | 12380.4 | 12547.1 | 13639.8 | 14732.5 | 15743.2 | 16753.9 | 16483.1 | 16753.9 |
| 77.5° | 6073.0  | 7806.4  | 9539.9  | 9778.5  | 10017.1 | 10847.7 | 11678.4 | 12395.2 | 13112.1 | 12646.7 | 13112.1 |
| 80°   | 3974.8  | 5433.1  | 6891.3  | 7187.8  | 7484.4  | 8111.7  | 8738.8  | 9115.3  | 9491.6  | 8742.9  | 9491.6  |
| 82.5° | 2310.5  | 3307.5  | 4304.5  | 4635.8  | 4967.2  | 5399.0  | 5830.8  | 5987.8  | 6144.8  | 5556.3  | 6144.8  |
| 85°   | 1016.6  | 1545.7  | 2074.8  | 2356.6  | 2638.4  | 2993.2  | 3347.9  | 3437.0  | 3526.1  | 3054.8  | 3526.1  |
| 87.5° | 314.7   | 492.5   | 670.4   | 827.6   | 984.8   | 1162.2  | 1339.6  | 1347.2  | 1354.7  | 1137.3  | 1354.7  |
| 90°   | 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°    | 3814.5  | 3814.5  | 3814.5  | 3814.5  | 3814.5  | 3814.5  | 3814.5  | 3814.5  | 3814.5  | 3814.5 | 3814.5 |
| 2.5°  | 4210.4  | 4203.8  | 4190.7  | 4177.5  | 4155.4  | 4133.3  | 4117.6  | 4102.1  | 4070.6  | 4039.2 | 4005.7 |
| 5°    | 4703.9  | 4686.1  | 4656.9  | 4627.6  | 4573.6  | 4519.7  | 4465.3  | 4411.0  | 4341.4  | 4271.9 | 4202.5 |
| 7.5°  | 5178.5  | 5152.6  | 5104.8  | 5056.9  | 4977.4  | 4897.9  | 4809.7  | 4721.3  | 4606.5  | 4491.9 | 4385.9 |
| 10°   | 5492.5  | 5467.3  | 5411.1  | 5354.6  | 5261.4  | 5168.1  | 5063.6  | 4959.1  | 4814.1  | 4669.0 | 4528.9 |
| 12.5° | 5595.3  | 5581.5  | 5540.5  | 5499.5  | 5415.5  | 5331.2  | 5218.1  | 5104.8  | 4945.4  | 4786.1 | 4627.4 |
| 15°   | 5482.9  | 5497.5  | 5496.0  | 5494.6  | 5441.6  | 5388.7  | 5291.1  | 5193.3  | 5027.2  | 4861.1 | 4688.9 |
| 17.5° | 5204.2  | 5258.5  | 5317.7  | 5377.0  | 5376.1  | 5375.1  | 5309.1  | 5243.1  | 5074.6  | 4906.1 | 4718.3 |
| 20°   | 4848.0  | 4943.3  | 5074.2  | 5205.0  | 5274.6  | 5344.1  | 5321.0  | 5298.0  | 5122.9  | 4947.7 | 4741.3 |
| 22.5° | 4509.2  | 4628.3  | 4820.8  | 5013.3  | 5157.3  | 5301.3  | 5331.5  | 5361.7  | 5182.8  | 5003.8 | 4772.4 |
| 25°   | 4223.2  | 4348.5  | 4582.2  | 4816.0  | 5034.7  | 5253.3  | 5348.5  | 5443.6  | 5268.3  | 5093.1 | 4828.6 |
| 27.5° | 3993.9  | 4117.2  | 4376.3  | 4635.4  | 4924.9  | 5214.5  | 5384.8  | 5554.9  | 5387.7  | 5220.4 | 4916.4 |
| 30°   | 3830.4  | 3944.8  | 4214.7  | 4484.6  | 4841.2  | 5197.7  | 5451.2  | 5704.9  | 5543.3  | 5381.9 | 5030.1 |
| 32.5° | 3783.6  | 3873.3  | 4127.0  | 4380.7  | 4784.1  | 5187.5  | 5534.7  | 5882.0  | 5722.0  | 5562.2 | 5148.8 |
| 35°   | 4033.3  | 4054.2  | 4230.3  | 4406.6  | 4826.8  | 5247.2  | 5672.1  | 6097.2  | 5944.1  | 5790.8 | 5284.1 |
| 37.5° | 4768.3  | 4672.5  | 4683.9  | 4695.4  | 5077.4  | 5459.4  | 5959.4  | 6459.5  | 6264.2  | 6068.9 | 5435.6 |
| 40°   | 5984.9  | 5752.2  | 5551.6  | 5351.1  | 5635.2  | 5919.3  | 6463.1  | 7006.9  | 6722.3  | 6437.8 | 5627.9 |
| 42.5° | 7624.6  | 7201.3  | 6763.9  | 6326.5  | 6490.2  | 6653.8  | 7193.4  | 7732.9  | 7322.2  | 6911.5 | 5879.5 |
| 45°   | 9612.6  | 8917.1  | 8216.2  | 7515.5  | 7587.8  | 7660.0  | 8144.8  | 8629.4  | 8075.4  | 7521.4 | 6210.6 |
| 47.5° | 11818.0 | 10799.7 | 9789.2  | 8778.3  | 8792.9  | 8807.6  | 9279.2  | 9750.7  | 8970.9  | 8191.1 | 6563.4 |
| 50°   | 14010.1 | 12666.0 | 11363.3 | 10060.5 | 10058.0 | 10055.6 | 10637.8 | 11220.2 | 10044.7 | 8869.1 | 6890.7 |
| 52.5° | 16129.5 | 14466.4 | 12910.3 | 11354.2 | 11425.6 | 11496.9 | 12202.0 | 12907.2 | 11172.7 | 9438.2 | 7103.2 |
| 55°   | 18200.1 | 16217.4 | 14485.7 | 12753.8 | 13031.8 | 13309.7 | 14006.5 | 14703.2 | 12172.7 | 9642.3 | 7056.4 |
| 57.5° | 20206.0 | 17960.3 | 16211.6 | 14462.9 | 15020.2 | 15577.8 | 15957.3 | 16336.7 | 12881.4 | 9426.1 | 6726.7 |
| 60°   | 22832.2 | 20427.9 | 18773.0 | 17118.1 | 17810.4 | 18502.8 | 17913.3 | 17324.0 | 13058.6 | 8792.9 | 6113.3 |
| 62.5° | 25206.7 | 22919.1 | 21403.0 | 19887.0 | 19965.2 | 20043.2 | 18432.9 | 16822.7 | 12312.8 | 7802.9 | 5283.8 |
| 65°   | 25511.3 | 23293.1 | 21366.4 | 19439.8 | 19140.9 | 18841.9 | 17330.6 | 15819.3 | 11257.6 | 6695.8 | 4437.5 |
| 67.5° | 23872.2 | 21644.5 | 19637.3 | 17629.9 | 17489.9 | 17349.6 | 15912.2 | 14474.9 | 10001.8 | 5528.8 | 3608.4 |
| 70°   | 21619.2 | 19702.1 | 17907.2 | 16112.0 | 16049.2 | 15986.6 | 14423.0 | 12859.6 | 8631.6  | 4403.6 | 2841.1 |
| 72.5° | 18857.9 | 17422.1 | 16017.6 | 14613.2 | 14568.2 | 14523.2 | 12728.9 | 10934.8 | 7146.2  | 3357.8 | 2172.0 |
| 75°   | 15743.2 | 14732.5 | 13639.8 | 12547.1 | 12380.4 | 12213.7 | 10356.8 | 8499.9  | 5443.5  | 2387.1 | 1576.4 |
| 77.5° | 12395.2 | 11678.4 | 10847.7 | 10017.1 | 9778.5  | 9539.9  | 7806.4  | 6073.0  | 3810.0  | 1546.9 | 1068.2 |
| 80°   | 9115.3  | 8738.8  | 8111.7  | 7484.4  | 7187.8  | 6891.3  | 5433.1  | 3974.8  | 2454.7  | 934.6  | 688.2  |
| 82.5° | 5987.8  | 5830.8  | 5399.0  | 4967.2  | 4635.8  | 4304.5  | 3307.5  | 2310.5  | 1420.7  | 531.0  | 423.3  |
| 85°   | 3437.0  | 3347.9  | 2993.2  | 2638.4  | 2356.6  | 2074.8  | 1545.7  | 1016.6  | 639.1   | 261.7  | 226.3  |
| 87.5° | 1347.2  | 1339.6  | 1162.2  | 984.8   | 827.6   | 670.4   | 492.5   | 314.7   | 209.3   | 103.9  | 93.8   |
| 90°   | 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):**

|       | 110°   | 115°   | 120°   | 125°   | 130°   | 135°   | 140°   | 145°   | 150°   | 155°   | 160°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 3814.5 | 3814.5 | 3814.5 | 3814.5 | 3814.5 | 3814.5 | 3814.5 | 3814.5 | 3814.5 | 3814.5 | 3814.5 |
| 2.5°  | 3972.3 | 3938.6 | 3904.9 | 3872.7 | 3840.5 | 3809.4 | 3774.7 | 3746.6 | 3718.6 | 3693.3 | 3668.1 |
| 5°    | 4133.3 | 4063.5 | 3993.8 | 3928.7 | 3863.5 | 3802.0 | 3741.3 | 3688.3 | 3635.2 | 3590.7 | 3546.3 |
| 7.5°  | 4280.0 | 4176.8 | 4073.6 | 3982.7 | 3891.8 | 3807.9 | 3729.3 | 3658.7 | 3588.3 | 3529.8 | 3471.2 |
| 10°   | 4389.0 | 4263.7 | 4138.3 | 4030.8 | 3923.1 | 3819.6 | 3735.2 | 3660.8 | 3586.4 | 3527.9 | 3469.3 |
| 12.5° | 4468.8 | 4320.9 | 4173.1 | 4051.5 | 3929.8 | 3821.1 | 3742.5 | 3681.6 | 3621.0 | 3582.0 | 3543.4 |
| 15°   | 4516.8 | 4346.6 | 4176.3 | 4035.5 | 3894.7 | 3774.2 | 3711.3 | 3682.2 | 3653.2 | 3658.5 | 3663.7 |
| 17.5° | 4530.5 | 4332.9 | 4135.3 | 3966.0 | 3796.6 | 3654.9 | 3616.2 | 3626.8 | 3637.4 | 3701.2 | 3765.0 |
| 20°   | 4534.9 | 4295.5 | 4056.0 | 3846.1 | 3636.2 | 3471.2 | 3461.0 | 3510.8 | 3560.5 | 3671.3 | 3782.3 |
| 22.5° | 4540.8 | 4249.5 | 3958.2 | 3705.4 | 3452.7 | 3264.9 | 3284.9 | 3358.5 | 3432.2 | 3558.6 | 3685.4 |
| 25°   | 4563.9 | 4204.1 | 3844.5 | 3548.4 | 3252.4 | 3059.9 | 3114.1 | 3199.0 | 3283.9 | 3397.6 | 3511.5 |
| 27.5° | 4612.2 | 4173.8 | 3735.4 | 3404.8 | 3074.1 | 2898.9 | 2964.8 | 3046.8 | 3128.7 | 3222.3 | 3315.6 |
| 30°   | 4678.4 | 4159.6 | 3640.6 | 3284.8 | 2928.9 | 2781.8 | 2833.5 | 2898.5 | 2963.8 | 3041.3 | 3118.9 |
| 32.5° | 4735.5 | 4142.1 | 3548.4 | 3181.3 | 2814.0 | 2695.5 | 2718.4 | 2756.9 | 2795.4 | 2857.4 | 2919.4 |
| 35°   | 4777.3 | 4109.0 | 3440.9 | 3079.5 | 2718.2 | 2619.4 | 2609.8 | 2620.4 | 2631.1 | 2678.3 | 2725.5 |
| 37.5° | 4802.2 | 4052.3 | 3302.5 | 2959.8 | 2617.2 | 2530.8 | 2496.0 | 2484.2 | 2472.5 | 2506.5 | 2540.3 |
| 40°   | 4817.9 | 3974.3 | 3130.9 | 2817.0 | 2503.0 | 2424.7 | 2371.2 | 2344.8 | 2318.3 | 2342.7 | 2367.1 |
| 42.5° | 4847.6 | 3893.8 | 2940.3 | 2659.3 | 2378.3 | 2306.1 | 2238.8 | 2203.7 | 2168.5 | 2188.4 | 2208.5 |
| 45°   | 4899.8 | 3819.0 | 2738.4 | 2491.9 | 2245.4 | 2172.2 | 2107.0 | 2072.8 | 2038.7 | 2055.4 | 2072.4 |
| 47.5° | 4935.7 | 3757.3 | 2578.8 | 2359.4 | 2140.0 | 2045.6 | 1989.5 | 1960.8 | 1932.1 | 1947.9 | 1963.6 |
| 50°   | 4912.3 | 3689.9 | 2467.6 | 2271.4 | 2075.3 | 1951.2 | 1886.0 | 1860.6 | 1835.2 | 1859.8 | 1884.6 |
| 52.5° | 4768.1 | 3576.2 | 2384.4 | 2213.5 | 2042.6 | 1899.9 | 1808.9 | 1783.7 | 1758.7 | 1795.7 | 1832.6 |
| 55°   | 4470.2 | 3387.7 | 2305.1 | 2171.4 | 2037.8 | 1905.0 | 1767.9 | 1728.1 | 1688.4 | 1741.0 | 1793.4 |
| 57.5° | 4027.5 | 3121.9 | 2216.1 | 2121.7 | 2027.3 | 1910.2 | 1743.3 | 1685.3 | 1627.4 | 1683.9 | 1740.4 |
| 60°   | 3433.6 | 2776.7 | 2119.8 | 2045.6 | 1971.4 | 1894.1 | 1720.2 | 1645.1 | 1569.9 | 1619.5 | 1668.9 |
| 62.5° | 2764.7 | 2363.6 | 1962.6 | 1913.2 | 1864.1 | 1854.6 | 1693.2 | 1599.3 | 1505.4 | 1536.9 | 1568.4 |
| 65°   | 2179.2 | 1992.0 | 1804.8 | 1781.5 | 1758.2 | 1759.4 | 1636.5 | 1536.6 | 1436.7 | 1448.8 | 1460.8 |
| 67.5° | 1688.0 | 1634.8 | 1581.6 | 1594.6 | 1607.5 | 1604.3 | 1535.2 | 1452.0 | 1368.9 | 1365.1 | 1361.3 |
| 70°   | 1278.6 | 1293.8 | 1308.9 | 1369.2 | 1429.3 | 1429.3 | 1406.6 | 1347.5 | 1288.4 | 1275.2 | 1262.0 |
| 72.5° | 986.3  | 1032.1 | 1078.0 | 1163.5 | 1248.9 | 1263.2 | 1263.5 | 1222.9 | 1182.4 | 1163.1 | 1143.9 |
| 75°   | 765.8  | 807.4  | 849.0  | 944.7  | 1040.4 | 1106.6 | 1101.0 | 1069.8 | 1038.5 | 1020.1 | 1001.5 |
| 77.5° | 589.6  | 617.8  | 646.2  | 739.2  | 832.1  | 941.2  | 938.3  | 913.2  | 888.2  | 869.5  | 850.7  |
| 80°   | 442.0  | 453.8  | 465.5  | 544.2  | 622.8  | 753.1  | 752.7  | 731.7  | 710.6  | 695.0  | 679.2  |
| 82.5° | 315.9  | 317.9  | 320.3  | 378.2  | 436.2  | 547.4  | 553.6  | 543.3  | 533.1  | 522.0  | 510.8  |
| 85°   | 191.0  | 190.0  | 188.8  | 231.3  | 273.7  | 356.4  | 364.5  | 353.5  | 342.5  | 330.1  | 317.6  |
| 87.5° | 83.7   | 82.7   | 81.7   | 98.9   | 116.4  | 150.8  | 161.0  | 156.6  | 152.2  | 149.9  | 147.5  |
| 90°   | 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: GALN-SB4C-727-U-SLL

**CANDELA DISTRIBUTION (continued):**

|       | 165°   | 170°   | 175°   | 180°   | 185°   | 190°   | 195°   | 200°   | 205°   | 210°   | 215°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 3814.5 | 3814.5 | 3814.5 | 3814.5 | 3814.5 | 3814.5 | 3814.5 | 3814.5 | 3814.5 | 3814.5 | 3814.5 |
| 2.5°  | 3646.0 | 3623.9 | 3601.7 | 3579.6 | 3562.4 | 3545.2 | 3531.3 | 3517.4 | 3506.5 | 3495.7 | 3485.7 |
| 5°    | 3507.1 | 3467.9 | 3432.3 | 3396.6 | 3369.2 | 3341.7 | 3322.5 | 3303.4 | 3289.7 | 3276.1 | 3265.7 |
| 7.5°  | 3421.9 | 3372.4 | 3328.8 | 3285.3 | 3252.7 | 3220.2 | 3197.4 | 3174.5 | 3158.9 | 3143.4 | 3134.0 |
| 10°   | 3416.2 | 3362.9 | 3313.9 | 3264.9 | 3225.9 | 3186.8 | 3161.4 | 3135.6 | 3120.8 | 3106.0 | 3098.1 |
| 12.5° | 3501.5 | 3460.0 | 3409.2 | 3358.5 | 3308.8 | 3259.0 | 3226.1 | 3193.1 | 3176.6 | 3160.2 | 3153.5 |
| 15°   | 3652.9 | 3642.1 | 3598.0 | 3553.9 | 3483.1 | 3412.3 | 3362.2 | 3312.1 | 3289.2 | 3266.3 | 3257.5 |
| 17.5° | 3799.0 | 3832.8 | 3797.2 | 3761.8 | 3668.0 | 3574.1 | 3500.4 | 3426.6 | 3392.6 | 3358.5 | 3347.4 |
| 20°   | 3853.3 | 3924.3 | 3907.9 | 3891.3 | 3784.0 | 3676.9 | 3586.4 | 3496.1 | 3452.7 | 3409.0 | 3395.1 |
| 22.5° | 3777.7 | 3870.1 | 3880.1 | 3889.9 | 3787.4 | 3684.9 | 3591.9 | 3498.6 | 3452.8 | 3406.8 | 3391.5 |
| 25°   | 3602.4 | 3693.3 | 3727.3 | 3761.1 | 3677.0 | 3593.2 | 3510.3 | 3427.8 | 3388.0 | 3348.3 | 3333.8 |
| 27.5° | 3388.5 | 3461.4 | 3499.2 | 3537.1 | 3477.2 | 3417.5 | 3353.3 | 3289.0 | 3262.4 | 3235.6 | 3229.0 |
| 30°   | 3179.4 | 3240.0 | 3270.7 | 3301.5 | 3255.9 | 3210.3 | 3164.3 | 3118.0 | 3104.4 | 3090.7 | 3090.7 |
| 32.5° | 2977.4 | 3035.5 | 3069.6 | 3103.8 | 3062.0 | 3020.0 | 2983.2 | 2946.5 | 2937.6 | 2928.6 | 2929.8 |
| 35°   | 2782.8 | 2840.4 | 2881.4 | 2922.3 | 2892.5 | 2862.8 | 2828.8 | 2795.0 | 2781.4 | 2767.9 | 2765.0 |
| 37.5° | 2597.5 | 2654.9 | 2705.6 | 2756.2 | 2742.5 | 2728.7 | 2697.5 | 2666.2 | 2641.5 | 2616.9 | 2603.8 |
| 40°   | 2422.5 | 2477.8 | 2536.1 | 2594.5 | 2597.8 | 2601.1 | 2574.6 | 2548.1 | 2512.1 | 2476.3 | 2452.0 |
| 42.5° | 2260.9 | 2313.4 | 2376.4 | 2439.3 | 2456.1 | 2473.0 | 2450.6 | 2428.3 | 2383.7 | 2339.0 | 2303.8 |
| 45°   | 2122.1 | 2171.9 | 2237.2 | 2302.5 | 2326.6 | 2350.8 | 2330.6 | 2310.5 | 2259.4 | 2208.5 | 2167.1 |
| 47.5° | 2012.3 | 2060.9 | 2125.3 | 2189.7 | 2217.6 | 2245.4 | 2231.3 | 2217.3 | 2171.9 | 2126.5 | 2088.2 |
| 50°   | 1930.5 | 1976.3 | 2034.0 | 2091.7 | 2127.4 | 2163.1 | 2162.2 | 2161.6 | 2125.3 | 2089.0 | 2053.6 |
| 52.5° | 1874.7 | 1916.8 | 1970.5 | 2024.3 | 2066.6 | 2108.9 | 2116.6 | 2124.2 | 2094.6 | 2065.0 | 2033.3 |
| 55°   | 1838.7 | 1884.1 | 1931.2 | 1978.2 | 2023.0 | 2068.0 | 2078.5 | 2089.0 | 2063.3 | 2037.5 | 2009.7 |
| 57.5° | 1793.7 | 1846.9 | 1893.5 | 1940.2 | 1985.4 | 2030.5 | 2041.2 | 2051.9 | 2025.8 | 1999.8 | 1972.2 |
| 60°   | 1730.1 | 1791.3 | 1838.6 | 1886.0 | 1931.4 | 1976.8 | 1988.5 | 2000.2 | 1974.7 | 1949.4 | 1921.0 |
| 62.5° | 1639.7 | 1711.1 | 1761.6 | 1812.1 | 1853.7 | 1895.2 | 1906.5 | 1917.8 | 1894.8 | 1871.8 | 1842.0 |
| 65°   | 1537.2 | 1613.8 | 1662.1 | 1710.4 | 1747.0 | 1783.6 | 1795.1 | 1806.5 | 1784.4 | 1762.3 | 1733.4 |
| 67.5° | 1431.8 | 1502.5 | 1548.3 | 1594.0 | 1625.6 | 1657.2 | 1668.5 | 1679.6 | 1659.3 | 1639.1 | 1612.2 |
| 70°   | 1324.1 | 1386.2 | 1425.7 | 1465.2 | 1493.7 | 1522.3 | 1533.1 | 1543.9 | 1527.4 | 1510.9 | 1485.1 |
| 72.5° | 1192.8 | 1241.5 | 1277.3 | 1313.0 | 1340.9 | 1368.9 | 1381.8 | 1394.6 | 1380.9 | 1367.1 | 1342.5 |
| 75°   | 1037.8 | 1074.1 | 1106.4 | 1138.8 | 1164.3 | 1189.7 | 1203.2 | 1216.7 | 1209.9 | 1203.2 | 1182.6 |
| 77.5° | 880.3  | 909.7  | 937.5  | 965.3  | 992.1  | 1018.8 | 1031.3 | 1043.9 | 1034.6 | 1024.9 | 1004.1 |
| 80°   | 703.8  | 728.2  | 751.6  | 775.0  | 795.4  | 815.6  | 832.3  | 849.0  | 844.9  | 840.9  | 813.0  |
| 82.5° | 508.8  | 506.7  | 498.5  | 490.4  | 533.7  | 577.0  | 605.4  | 633.8  | 632.0  | 630.1  | 606.6  |
| 85°   | 307.1  | 296.4  | 273.7  | 251.0  | 291.6  | 332.3  | 367.4  | 402.5  | 399.6  | 396.7  | 378.2  |
| 87.5° | 147.1  | 146.7  | 129.4  | 112.0  | 129.0  | 146.1  | 160.3  | 174.5  | 171.0  | 167.2  | 157.8  |
| 90°   | 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: GALN-SB4C-727-U-SLL

**CANDELA DISTRIBUTION (continued):**

|       | 220°   | 225°   | 230°   | 235°   | 240°   | 245°   | 250°   | 255°   | 260°   | 265°   | 270°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 3814.5 | 3814.5 | 3814.5 | 3814.5 | 3814.5 | 3814.5 | 3814.5 | 3814.5 | 3814.5 | 3814.5 | 3814.5 |
| 2.5°  | 3475.6 | 3463.2 | 3475.6 | 3485.7 | 3495.7 | 3506.5 | 3517.4 | 3531.3 | 3545.2 | 3562.4 | 3579.6 |
| 5°    | 3255.3 | 3245.1 | 3255.3 | 3265.7 | 3276.1 | 3289.7 | 3303.4 | 3322.5 | 3341.7 | 3369.2 | 3396.6 |
| 7.5°  | 3124.8 | 3117.8 | 3124.8 | 3134.0 | 3143.4 | 3158.9 | 3174.5 | 3197.4 | 3220.2 | 3252.7 | 3285.3 |
| 10°   | 3090.2 | 3087.0 | 3090.2 | 3098.1 | 3106.0 | 3120.8 | 3135.6 | 3161.4 | 3186.8 | 3225.9 | 3264.9 |
| 12.5° | 3146.7 | 3145.6 | 3146.7 | 3153.5 | 3160.2 | 3176.6 | 3193.1 | 3226.1 | 3259.0 | 3308.8 | 3358.5 |
| 15°   | 3248.8 | 3248.0 | 3248.8 | 3257.5 | 3266.3 | 3289.2 | 3312.1 | 3362.2 | 3412.3 | 3483.1 | 3553.9 |
| 17.5° | 3336.1 | 3334.4 | 3336.1 | 3347.4 | 3358.5 | 3392.6 | 3426.6 | 3500.4 | 3574.1 | 3668.0 | 3761.8 |
| 20°   | 3381.2 | 3376.8 | 3381.2 | 3395.1 | 3409.0 | 3452.7 | 3496.1 | 3586.4 | 3676.9 | 3784.0 | 3891.3 |
| 22.5° | 3376.1 | 3369.5 | 3376.1 | 3391.5 | 3406.8 | 3452.8 | 3498.6 | 3591.9 | 3684.9 | 3787.4 | 3889.9 |
| 25°   | 3319.5 | 3311.0 | 3319.5 | 3333.8 | 3348.3 | 3388.0 | 3427.8 | 3510.3 | 3593.2 | 3677.0 | 3761.1 |
| 27.5° | 3222.4 | 3220.2 | 3222.4 | 3229.0 | 3235.6 | 3262.4 | 3289.0 | 3353.3 | 3417.5 | 3477.2 | 3537.1 |
| 30°   | 3090.7 | 3092.9 | 3090.7 | 3090.7 | 3090.7 | 3104.4 | 3118.0 | 3164.3 | 3210.3 | 3255.9 | 3301.5 |
| 32.5° | 2931.1 | 2933.3 | 2931.1 | 2929.8 | 2928.6 | 2937.6 | 2946.5 | 2983.2 | 3020.0 | 3062.0 | 3103.8 |
| 35°   | 2762.1 | 2760.6 | 2762.1 | 2765.0 | 2767.9 | 2781.4 | 2795.0 | 2828.8 | 2862.8 | 2892.5 | 2922.3 |
| 37.5° | 2590.8 | 2583.5 | 2590.8 | 2603.8 | 2616.9 | 2641.5 | 2666.2 | 2697.5 | 2728.7 | 2742.5 | 2756.2 |
| 40°   | 2428.0 | 2413.7 | 2428.0 | 2452.0 | 2476.3 | 2512.1 | 2548.1 | 2574.6 | 2601.1 | 2597.8 | 2594.5 |
| 42.5° | 2268.5 | 2245.4 | 2268.5 | 2303.8 | 2339.0 | 2383.7 | 2428.3 | 2450.6 | 2473.0 | 2456.1 | 2439.3 |
| 45°   | 2125.6 | 2099.0 | 2125.6 | 2167.1 | 2208.5 | 2259.4 | 2310.5 | 2330.6 | 2350.8 | 2326.6 | 2302.5 |
| 47.5° | 2050.0 | 2024.3 | 2050.0 | 2088.2 | 2126.5 | 2171.9 | 2217.3 | 2231.3 | 2245.4 | 2217.6 | 2189.7 |
| 50°   | 2018.2 | 1993.6 | 2018.2 | 2053.6 | 2089.0 | 2125.3 | 2161.6 | 2162.2 | 2163.1 | 2127.4 | 2091.7 |
| 52.5° | 2001.7 | 1979.0 | 2001.7 | 2033.3 | 2065.0 | 2094.6 | 2124.2 | 2116.6 | 2108.9 | 2066.6 | 2024.3 |
| 55°   | 1981.9 | 1961.4 | 1981.9 | 2009.7 | 2037.5 | 2063.3 | 2089.0 | 2078.5 | 2068.0 | 2023.0 | 1978.2 |
| 57.5° | 1944.6 | 1923.3 | 1944.6 | 1972.2 | 1999.8 | 2025.8 | 2051.9 | 2041.2 | 2030.5 | 1985.4 | 1940.2 |
| 60°   | 1892.6 | 1870.7 | 1892.6 | 1921.0 | 1949.4 | 1974.7 | 2000.2 | 1988.5 | 1976.8 | 1931.4 | 1886.0 |
| 62.5° | 1812.1 | 1785.8 | 1812.1 | 1842.0 | 1871.8 | 1894.8 | 1917.8 | 1906.5 | 1895.2 | 1853.7 | 1812.1 |
| 65°   | 1704.5 | 1681.8 | 1704.5 | 1733.4 | 1762.3 | 1784.4 | 1806.5 | 1795.1 | 1783.6 | 1747.0 | 1710.4 |
| 67.5° | 1585.2 | 1564.7 | 1585.2 | 1612.2 | 1639.1 | 1659.3 | 1679.6 | 1668.5 | 1657.2 | 1625.6 | 1594.0 |
| 70°   | 1459.3 | 1435.9 | 1459.3 | 1485.1 | 1510.9 | 1527.4 | 1543.9 | 1533.1 | 1522.3 | 1493.7 | 1465.2 |
| 72.5° | 1318.1 | 1295.4 | 1318.1 | 1342.5 | 1367.1 | 1380.9 | 1394.6 | 1381.8 | 1368.9 | 1340.9 | 1313.0 |
| 75°   | 1161.9 | 1140.2 | 1161.9 | 1182.6 | 1203.2 | 1209.9 | 1216.7 | 1203.2 | 1189.7 | 1164.3 | 1138.8 |
| 77.5° | 983.3  | 966.1  | 983.3  | 1004.1 | 1024.9 | 1034.6 | 1043.9 | 1031.3 | 1018.8 | 992.1  | 965.3  |
| 80°   | 784.9  | 752.4  | 784.9  | 813.0  | 840.9  | 844.9  | 849.0  | 832.3  | 815.6  | 795.4  | 775.0  |
| 82.5° | 582.9  | 562.1  | 582.9  | 606.6  | 630.1  | 632.0  | 633.8  | 605.4  | 577.0  | 533.7  | 490.4  |
| 85°   | 359.8  | 341.0  | 359.8  | 378.2  | 396.7  | 399.6  | 402.5  | 367.4  | 332.3  | 291.6  | 251.0  |
| 87.5° | 148.1  | 139.1  | 148.1  | 157.8  | 167.2  | 171.0  | 174.5  | 160.3  | 146.1  | 129.0  | 112.0  |
| 90°   | 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):**

|       | 275°   | 280°   | 285°   | 290°   | 295°   | 300°   | 305°   | 310°   | 315°   | 320°   | 325°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 3814.5 | 3814.5 | 3814.5 | 3814.5 | 3814.5 | 3814.5 | 3814.5 | 3814.5 | 3814.5 | 3814.5 | 3814.5 |
| 2.5°  | 3601.7 | 3623.9 | 3646.0 | 3668.1 | 3693.3 | 3718.6 | 3746.6 | 3774.7 | 3809.4 | 3840.5 | 3872.7 |
| 5°    | 3432.3 | 3467.9 | 3507.1 | 3546.3 | 3590.7 | 3635.2 | 3688.3 | 3741.3 | 3802.0 | 3863.5 | 3928.7 |
| 7.5°  | 3328.8 | 3372.4 | 3421.9 | 3471.2 | 3529.8 | 3588.3 | 3658.7 | 3729.3 | 3807.9 | 3891.8 | 3982.7 |
| 10°   | 3313.9 | 3362.9 | 3416.2 | 3469.3 | 3527.9 | 3586.4 | 3660.8 | 3735.2 | 3819.6 | 3923.1 | 4030.8 |
| 12.5° | 3409.2 | 3460.0 | 3501.5 | 3543.4 | 3582.0 | 3621.0 | 3681.6 | 3742.5 | 3821.1 | 3929.8 | 4051.5 |
| 15°   | 3598.0 | 3642.1 | 3652.9 | 3663.7 | 3658.5 | 3653.2 | 3682.2 | 3711.3 | 3774.2 | 3894.7 | 4035.5 |
| 17.5° | 3797.2 | 3832.8 | 3799.0 | 3765.0 | 3701.2 | 3637.4 | 3626.8 | 3616.2 | 3654.9 | 3796.6 | 3966.0 |
| 20°   | 3907.9 | 3924.3 | 3853.3 | 3782.3 | 3671.3 | 3560.5 | 3510.8 | 3461.0 | 3471.2 | 3636.2 | 3846.1 |
| 22.5° | 3880.1 | 3870.1 | 3777.7 | 3685.4 | 3558.6 | 3432.2 | 3358.5 | 3284.9 | 3264.9 | 3452.7 | 3705.4 |
| 25°   | 3727.3 | 3693.3 | 3602.4 | 3511.5 | 3397.6 | 3283.9 | 3199.0 | 3114.1 | 3059.9 | 3252.4 | 3548.4 |
| 27.5° | 3499.2 | 3461.4 | 3388.5 | 3315.6 | 3222.3 | 3128.7 | 3046.8 | 2964.8 | 2898.9 | 3074.1 | 3404.8 |
| 30°   | 3270.7 | 3240.0 | 3179.4 | 3118.9 | 3041.3 | 2963.8 | 2898.5 | 2833.5 | 2781.8 | 2928.9 | 3284.8 |
| 32.5° | 3069.6 | 3035.5 | 2977.4 | 2919.4 | 2857.4 | 2795.4 | 2756.9 | 2718.4 | 2695.5 | 2814.0 | 3181.3 |
| 35°   | 2881.4 | 2840.4 | 2782.8 | 2725.5 | 2678.3 | 2631.1 | 2620.4 | 2609.8 | 2619.4 | 2718.2 | 3079.5 |
| 37.5° | 2705.6 | 2654.9 | 2597.5 | 2540.3 | 2506.5 | 2472.5 | 2484.2 | 2496.0 | 2530.8 | 2617.2 | 2959.8 |
| 40°   | 2536.1 | 2477.8 | 2422.5 | 2367.1 | 2342.7 | 2318.3 | 2344.8 | 2371.2 | 2424.7 | 2503.0 | 2817.0 |
| 42.5° | 2376.4 | 2313.4 | 2260.9 | 2208.5 | 2188.4 | 2168.5 | 2203.7 | 2238.8 | 2306.1 | 2378.3 | 2659.3 |
| 45°   | 2237.2 | 2171.9 | 2122.1 | 2072.4 | 2055.4 | 2038.7 | 2072.8 | 2107.0 | 2172.2 | 2245.4 | 2491.9 |
| 47.5° | 2125.3 | 2060.9 | 2012.3 | 1963.6 | 1947.9 | 1932.1 | 1960.8 | 1989.5 | 2045.6 | 2140.0 | 2359.4 |
| 50°   | 2034.0 | 1976.3 | 1930.5 | 1884.6 | 1859.8 | 1835.2 | 1860.6 | 1886.0 | 1951.2 | 2075.3 | 2271.4 |
| 52.5° | 1970.5 | 1916.8 | 1874.7 | 1832.6 | 1795.7 | 1758.7 | 1783.7 | 1808.9 | 1899.9 | 2042.6 | 2213.5 |
| 55°   | 1931.2 | 1884.1 | 1838.7 | 1793.4 | 1741.0 | 1688.4 | 1728.1 | 1767.9 | 1905.0 | 2037.8 | 2171.4 |
| 57.5° | 1893.5 | 1846.9 | 1793.7 | 1740.4 | 1683.9 | 1627.4 | 1685.3 | 1743.3 | 1910.2 | 2027.3 | 2121.7 |
| 60°   | 1838.6 | 1791.3 | 1730.1 | 1668.9 | 1619.5 | 1569.9 | 1645.1 | 1720.2 | 1894.1 | 1971.4 | 2045.6 |
| 62.5° | 1761.6 | 1711.1 | 1639.7 | 1568.4 | 1536.9 | 1505.4 | 1599.3 | 1693.2 | 1854.6 | 1864.1 | 1913.2 |
| 65°   | 1662.1 | 1613.8 | 1537.2 | 1460.8 | 1448.8 | 1436.7 | 1536.6 | 1636.5 | 1759.4 | 1758.2 | 1781.5 |
| 67.5° | 1548.3 | 1502.5 | 1431.8 | 1361.3 | 1365.1 | 1368.9 | 1452.0 | 1535.2 | 1604.3 | 1607.5 | 1594.6 |
| 70°   | 1425.7 | 1386.2 | 1324.1 | 1262.0 | 1275.2 | 1288.4 | 1347.5 | 1406.6 | 1429.3 | 1429.3 | 1369.2 |
| 72.5° | 1277.3 | 1241.5 | 1192.8 | 1143.9 | 1163.1 | 1182.4 | 1222.9 | 1263.5 | 1263.2 | 1248.9 | 1163.5 |
| 75°   | 1106.4 | 1074.1 | 1037.8 | 1001.5 | 1020.1 | 1038.5 | 1069.8 | 1101.0 | 1106.6 | 1040.4 | 944.7  |
| 77.5° | 937.5  | 909.7  | 880.3  | 850.7  | 869.5  | 888.2  | 913.2  | 938.3  | 941.2  | 832.1  | 739.2  |
| 80°   | 751.6  | 728.2  | 703.8  | 679.2  | 695.0  | 710.6  | 731.7  | 752.7  | 753.1  | 622.8  | 544.2  |
| 82.5° | 498.5  | 506.7  | 508.8  | 510.8  | 522.0  | 533.1  | 543.3  | 553.6  | 547.4  | 436.2  | 378.2  |
| 85°   | 273.7  | 296.4  | 307.1  | 317.6  | 330.1  | 342.5  | 353.5  | 364.5  | 356.4  | 273.7  | 231.3  |
| 87.5° | 129.4  | 146.7  | 147.1  | 147.5  | 149.9  | 152.2  | 156.6  | 161.0  | 150.8  | 116.4  | 98.9   |
| 90°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |

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**CANDELA DISTRIBUTION (continued):**

|       | 330°   | 335°   | 340°   | 345°   | 350°   | 355°    | 360°    |
|-------|--------|--------|--------|--------|--------|---------|---------|
| 0°    | 3814.5 | 3814.5 | 3814.5 | 3814.5 | 3814.5 | 3814.5  | 3814.5  |
| 2.5°  | 3904.9 | 3938.6 | 3972.3 | 4005.7 | 4039.2 | 4070.6  | 4102.1  |
| 5°    | 3993.8 | 4063.5 | 4133.3 | 4202.5 | 4271.9 | 4341.4  | 4411.0  |
| 7.5°  | 4073.6 | 4176.8 | 4280.0 | 4385.9 | 4491.9 | 4606.5  | 4721.3  |
| 10°   | 4138.3 | 4263.7 | 4389.0 | 4528.9 | 4669.0 | 4814.1  | 4959.1  |
| 12.5° | 4173.1 | 4320.9 | 4468.8 | 4627.4 | 4786.1 | 4945.4  | 5104.8  |
| 15°   | 4176.3 | 4346.6 | 4516.8 | 4688.9 | 4861.1 | 5027.2  | 5193.3  |
| 17.5° | 4135.3 | 4332.9 | 4530.5 | 4718.3 | 4906.1 | 5074.6  | 5243.1  |
| 20°   | 4056.0 | 4295.5 | 4534.9 | 4741.3 | 4947.7 | 5122.9  | 5298.0  |
| 22.5° | 3958.2 | 4249.5 | 4540.8 | 4772.4 | 5003.8 | 5182.8  | 5361.7  |
| 25°   | 3844.5 | 4204.1 | 4563.9 | 4828.6 | 5093.1 | 5268.3  | 5443.6  |
| 27.5° | 3735.4 | 4173.8 | 4612.2 | 4916.4 | 5220.4 | 5387.7  | 5554.9  |
| 30°   | 3640.6 | 4159.6 | 4678.4 | 5030.1 | 5381.9 | 5543.3  | 5704.9  |
| 32.5° | 3548.4 | 4142.1 | 4735.5 | 5148.8 | 5562.2 | 5722.0  | 5882.0  |
| 35°   | 3440.9 | 4109.0 | 4777.3 | 5284.1 | 5790.8 | 5944.1  | 6097.2  |
| 37.5° | 3302.5 | 4052.3 | 4802.2 | 5435.6 | 6068.9 | 6264.2  | 6459.5  |
| 40°   | 3130.9 | 3974.3 | 4817.9 | 5627.9 | 6437.8 | 6722.3  | 7006.9  |
| 42.5° | 2940.3 | 3893.8 | 4847.6 | 5879.5 | 6911.5 | 7322.2  | 7732.9  |
| 45°   | 2738.4 | 3819.0 | 4899.8 | 6210.6 | 7521.4 | 8075.4  | 8629.4  |
| 47.5° | 2578.8 | 3757.3 | 4935.7 | 6563.4 | 8191.1 | 8970.9  | 9750.7  |
| 50°   | 2467.6 | 3689.9 | 4912.3 | 6890.7 | 8869.1 | 10044.7 | 11220.2 |
| 52.5° | 2384.4 | 3576.2 | 4768.1 | 7103.2 | 9438.2 | 11172.7 | 12907.2 |
| 55°   | 2305.1 | 3387.7 | 4470.2 | 7056.4 | 9642.3 | 12172.7 | 14703.2 |
| 57.5° | 2216.1 | 3121.9 | 4027.5 | 6726.7 | 9426.1 | 12881.4 | 16336.7 |
| 60°   | 2119.8 | 2776.7 | 3433.6 | 6113.3 | 8792.9 | 13058.6 | 17324.0 |
| 62.5° | 1962.6 | 2363.6 | 2764.7 | 5283.8 | 7802.9 | 12312.8 | 16822.7 |
| 65°   | 1804.8 | 1992.0 | 2179.2 | 4437.5 | 6695.8 | 11257.6 | 15819.3 |
| 67.5° | 1581.6 | 1634.8 | 1688.0 | 3608.4 | 5528.8 | 10001.8 | 14474.9 |
| 70°   | 1308.9 | 1293.8 | 1278.6 | 2841.1 | 4403.6 | 8631.6  | 12859.6 |
| 72.5° | 1078.0 | 1032.1 | 986.3  | 2172.0 | 3357.8 | 7146.2  | 10934.8 |
| 75°   | 849.0  | 807.4  | 765.8  | 1576.4 | 2387.1 | 5443.5  | 8499.9  |
| 77.5° | 646.2  | 617.8  | 589.6  | 1068.2 | 1546.9 | 3810.0  | 6073.0  |
| 80°   | 465.5  | 453.8  | 442.0  | 688.2  | 934.6  | 2454.7  | 3974.8  |
| 82.5° | 320.3  | 317.9  | 315.9  | 423.3  | 531.0  | 1420.7  | 2310.5  |
| 85°   | 188.8  | 190.0  | 191.0  | 226.3  | 261.7  | 639.1   | 1016.6  |
| 87.5° | 81.7   | 82.7   | 83.7   | 93.8   | 103.9  | 209.3   | 314.7   |
| 90°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0     | 0.0     |

(END OF REPORT)