

Signify Classified - Internal  
Cooper Lighting Solutions Photometric Lab  
1121 Highway 74 South  
Peachtree City, GA 30269



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: P320397

Luminaire Tested: **GLEON-SA3B-760-U-SLL**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P320397  
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: McGRAW-EDISON  
Catalog Number: GLEON-SA3B-760-U-SLL  
Description: GALLEON AREA AND ROADWAY LUMINAIRE  
(3) 70 CRI, 5700K, 800mA 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: 15332 lumens  
Efficiency: N/A  
Efficacy: 123.6 lumens/watt  
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')  
IES Classification: Type III - Medium  
BUG Rating: B2 - U0 - G4

Input Watts (W): 124  
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

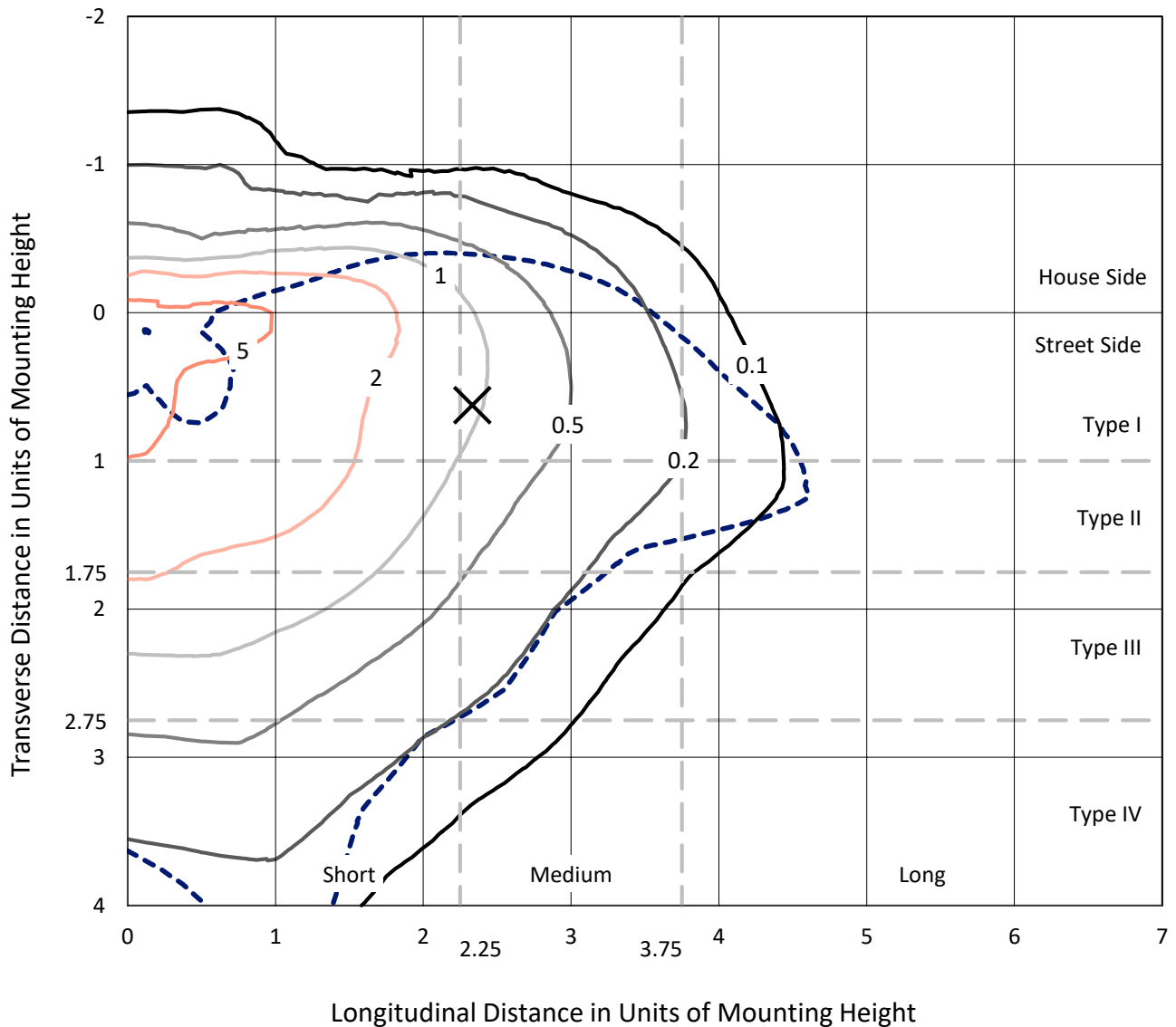




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### Iso-Footcandle Lines of Horizontal Illumination

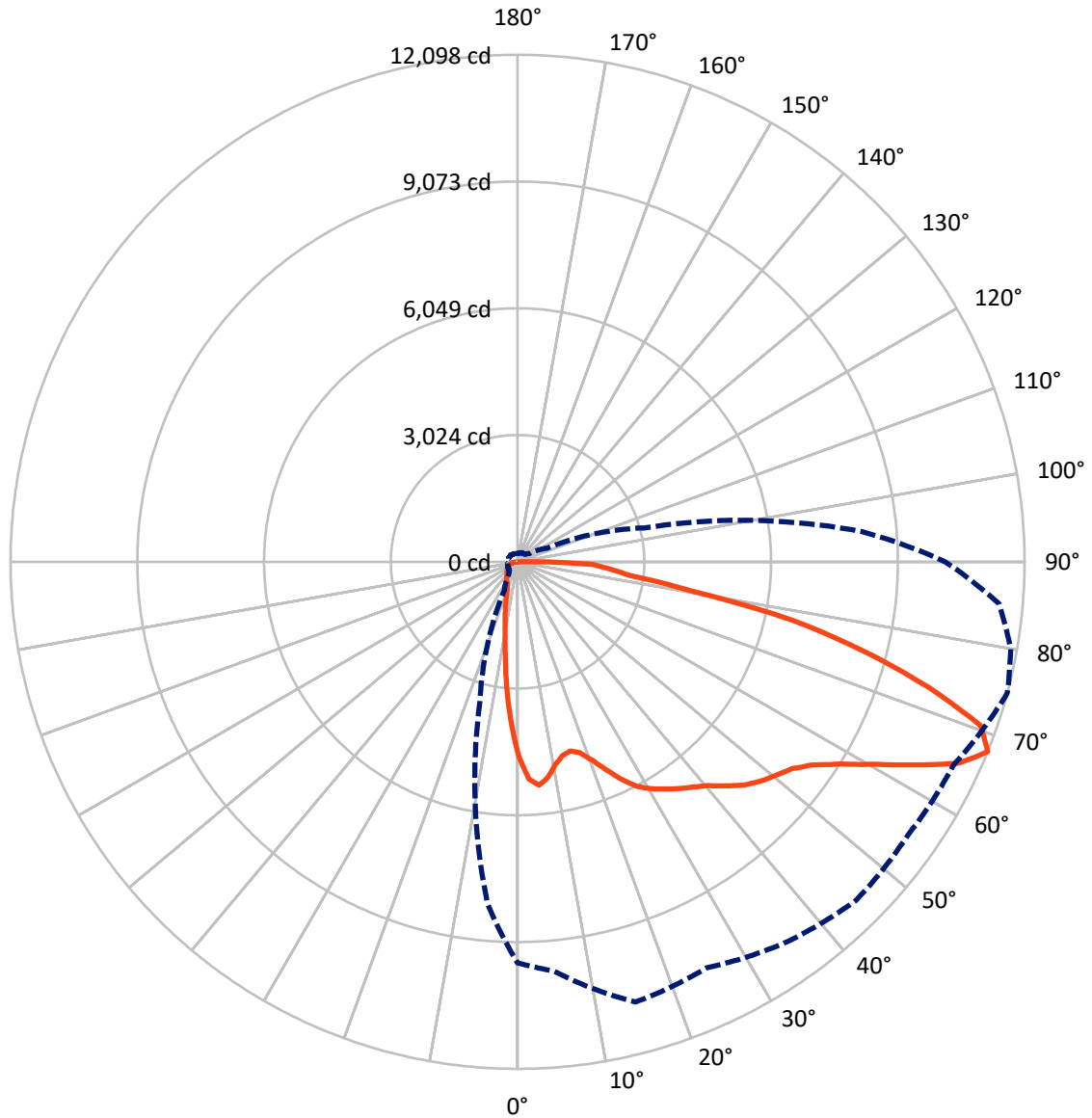
✕ Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 9.4 fc  
 Type III - Medium - N/A

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### Luminous Intensity Polar Plot



— Vertical Plane Through 75-Deg Lateral      - - - Horizontal Cone Through 67.5-Deg Vertical

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**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total   |
|--------------------|-----------|----------|--------|---------|
| <b>House Side</b>  | Lumens    | 2700.3   | 0.0    | 2700.3  |
|                    | % Fixture | 17.6     | 0.0    | 17.6    |
| <b>Street Side</b> | Lumens    | 12631.7  | 0.0    | 12631.7 |
|                    | % Fixture | 82.4     | 0.0    | 82.4    |
| <b>Total</b>       | Lumens    | 15332.0  | 0.0    | 15332.0 |
|                    | % Fixture | 100.0    | 0.0    | 100.0   |

**ZONAL LUMENS:**

| Zone      | Lumens  | % Fixture |
|-----------|---------|-----------|
| 0°-10°    | 360.5   | 2.4       |
| 10°-20°   | 748.9   | 4.9       |
| 20°-30°   | 1065.1  | 6.9       |
| 30°-40°   | 1534.8  | 10.0      |
| 40°-50°   | 2162.9  | 14.1      |
| 50°-60°   | 3006.9  | 19.6      |
| 60°-70°   | 3636.2  | 23.7      |
| 70°-80°   | 2235.1  | 14.6      |
| 80°-90°   | 581.6   | 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°    | 15332.0 | 100.0     |
| 0°-180°   | 15332.0 | 100.0     |

**Coefficient of Utilization**

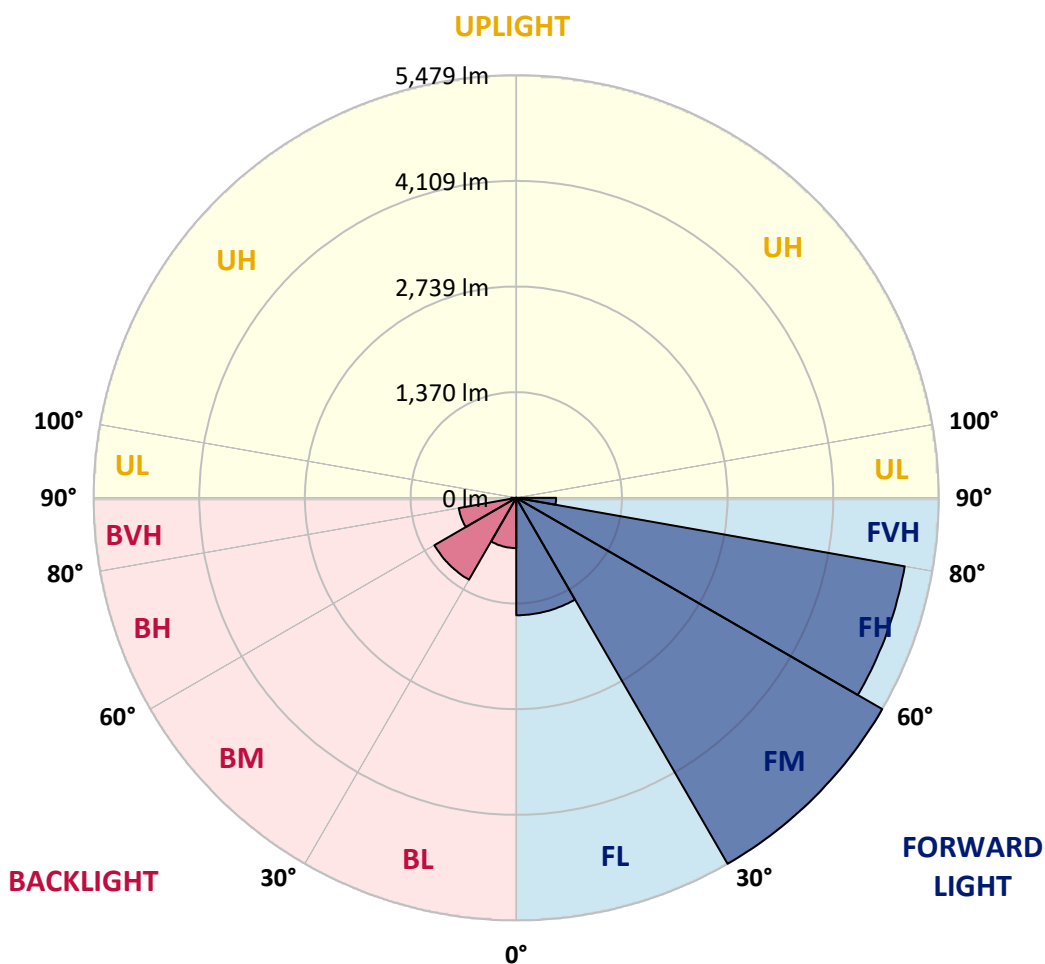


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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

| Zone           | Lumens | % Fixture | Zone Rating/Lumen Limit |      |         |
|----------------|--------|-----------|-------------------------|------|---------|
|                |        |           | B                       | U    | G       |
| FL (0°-30°)    | 1522.3 | 9.9       |                         |      |         |
| FM (30°-60°)   | 5478.8 | 35.7      |                         |      |         |
| FH (60°-80°)   | 5114.2 | 33.4      |                         |      | G3/7500 |
| FVH (80°-90°)  | 516.3  | 3.4       |                         |      | G4/750  |
| BL (0°-30°)    | 652.2  | 4.3       | B2/1000                 |      |         |
| BM (30°-60°)   | 1225.7 | 8.0       | B2/2500                 |      |         |
| BH (60°-80°)   | 757.1  | 4.9       | B2/1000                 |      | G2/1000 |
| BVH (80°-90°)  | 65.4   | 0.4       |                         |      | G1/100  |
| UL (90°-100°)  | 0.0    | 0.0       |                         | U0/0 |         |
| UH (100°-180°) | 0.0    | 0.0       |                         | U0/0 |         |

**BUG Rating: B2-U0-G4**  
 Type III Medium





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**CANDELA DISTRIBUTION (FULL):**

|        | 0°      | 5°      | 10°     | 15°     | 20°     | 25°     | 30°     | 35°     | 40°     | 45°     | 50°     |
|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0°     | 4671.0  | 4671.0  | 4671.0  | 4671.0  | 4671.0  | 4671.0  | 4671.0  | 4671.0  | 4671.0  | 4671.0  | 4671.0  |
| 2.5°   | 4978.7  | 5044.3  | 5089.6  | 5134.4  | 5169.3  | 5203.7  | 5253.9  | 5304.2  | 5314.0  | 5323.2  | 5303.6  |
| 5°     | 4949.3  | 5109.3  | 5245.3  | 5380.8  | 5506.5  | 5632.1  | 5707.5  | 5782.9  | 5798.2  | 5813.6  | 5766.4  |
| 7.5°   | 4632.3  | 4868.3  | 5104.3  | 5340.3  | 5556.7  | 5773.1  | 5904.9  | 6036.1  | 6066.1  | 6095.5  | 6018.3  |
| 10°    | 4271.9  | 4546.5  | 4836.5  | 5126.4  | 5411.5  | 5696.5  | 5887.1  | 6077.8  | 6115.8  | 6153.8  | 6057.5  |
| 12.5°  | 3997.9  | 4297.7  | 4607.2  | 4916.8  | 5217.8  | 5518.1  | 5715.5  | 5912.9  | 5960.1  | 6007.3  | 5937.4  |
| 15°    | 3892.5  | 4221.0  | 4512.2  | 4803.4  | 5065.7  | 5327.5  | 5489.3  | 5650.5  | 5670.1  | 5689.1  | 5678.1  |
| 17.5°  | 3997.9  | 4360.2  | 4623.8  | 4886.7  | 5029.6  | 5171.8  | 5236.8  | 5301.1  | 5322.6  | 5343.4  | 5371.6  |
| 20°    | 4306.2  | 4697.3  | 4883.1  | 5068.2  | 5062.1  | 5055.3  | 5024.0  | 4992.2  | 4986.7  | 4981.1  | 5060.8  |
| 22.5°  | 4746.4  | 5200.6  | 5274.8  | 5348.3  | 5176.1  | 5003.8  | 4899.0  | 4793.6  | 4772.7  | 4751.3  | 4835.9  |
| 25°    | 5263.1  | 5746.8  | 5733.3  | 5719.2  | 5391.2  | 5062.7  | 4862.8  | 4663.0  | 4639.7  | 4616.4  | 4688.7  |
| 27.5°  | 5825.2  | 6287.4  | 6199.1  | 6110.9  | 5665.2  | 5219.6  | 4929.6  | 4639.7  | 4616.4  | 4593.1  | 4656.9  |
| 30°    | 6264.7  | 6684.0  | 6542.4  | 6400.8  | 5896.3  | 5391.8  | 5047.3  | 4702.8  | 4664.8  | 4626.2  | 4704.7  |
| 32.5°  | 6636.8  | 6993.6  | 6803.5  | 6613.5  | 6083.9  | 5554.3  | 5181.6  | 4808.9  | 4749.4  | 4690.0  | 4794.8  |
| 35°    | 7024.2  | 7302.5  | 7035.3  | 6767.4  | 6251.2  | 5734.5  | 5340.3  | 4945.6  | 4872.6  | 4799.7  | 4943.7  |
| 37.5°  | 7460.1  | 7691.2  | 7307.4  | 6923.1  | 6439.4  | 5955.8  | 5578.2  | 5200.0  | 5125.2  | 5050.4  | 5234.3  |
| 40°    | 7920.4  | 8112.9  | 7601.0  | 7089.2  | 6645.4  | 6201.6  | 5907.4  | 5612.5  | 5541.4  | 5469.7  | 5692.8  |
| 42.5°  | 8323.1  | 8463.5  | 7874.4  | 7285.4  | 6893.7  | 6501.3  | 6294.2  | 6086.4  | 6085.7  | 6084.5  | 6310.7  |
| 45°    | 8626.6  | 8748.6  | 8102.5  | 7455.8  | 7135.8  | 6815.2  | 6707.3  | 6599.4  | 6685.9  | 6772.3  | 6977.0  |
| 47.5°  | 8878.5  | 8961.3  | 8293.7  | 7625.6  | 7412.9  | 7200.2  | 7216.1  | 7232.0  | 7408.0  | 7583.9  | 7715.7  |
| 50°    | 9166.6  | 9099.8  | 8467.2  | 7834.0  | 7768.4  | 7702.8  | 7846.2  | 7989.1  | 8191.4  | 8393.0  | 8482.5  |
| 52.5°  | 9478.6  | 9301.5  | 8702.6  | 8103.1  | 8176.6  | 8250.2  | 8542.0  | 8833.8  | 9037.9  | 9242.0  | 9275.7  |
| 55°    | 10039.5 | 9768.0  | 9135.4  | 8502.1  | 8643.7  | 8784.7  | 9213.2  | 9641.1  | 9800.4  | 9959.8  | 9972.1  |
| 57.5°  | 10671.5 | 10430.6 | 9741.6  | 9052.6  | 9204.6  | 9356.6  | 9851.3  | 10345.4 | 10517.6 | 10689.3 | 10665.4 |
| 60°    | 10914.9 | 10926.5 | 10317.2 | 9707.3  | 9860.5  | 10013.8 | 10495.6 | 10977.4 | 11175.4 | 11372.8 | 11320.0 |
| 62.5°  | 10669.7 | 10957.2 | 10631.7 | 10305.5 | 10444.7 | 10583.2 | 11055.2 | 11527.2 | 11730.1 | 11933.0 | 11841.1 |
| 65°    | 10184.8 | 10469.8 | 10615.7 | 10761.6 | 10807.6 | 10853.6 | 11294.3 | 11734.4 | 11890.1 | 12045.2 | 11998.6 |
| 67.5°  | 9568.1  | 9798.6  | 10336.8 | 10874.4 | 10781.8 | 10689.3 | 10895.9 | 11102.4 | 11262.4 | 11422.4 | 11396.1 |
| 70°    | 8854.0  | 9128.6  | 9846.4  | 10564.2 | 10109.4 | 9653.9  | 9568.7  | 9483.5  | 9656.4  | 9828.6  | 9722.0  |
| 72.5°  | 7573.5  | 7987.8  | 8753.5  | 9518.5  | 8680.5  | 7842.6  | 7551.4  | 7260.2  | 7479.1  | 7697.9  | 7528.1  |
| 75°    | 5720.4  | 6270.3  | 7116.2  | 7961.5  | 6961.7  | 5961.9  | 5573.3  | 5184.6  | 5372.8  | 5561.0  | 5444.6  |
| 77.5°  | 3978.3  | 4667.9  | 5501.0  | 6334.0  | 5317.7  | 4300.7  | 4012.0  | 3722.7  | 3779.1  | 3834.9  | 3815.2  |
| 80°    | 2712.5  | 3166.1  | 3747.2  | 4327.7  | 3651.0  | 2974.2  | 2996.9  | 3019.0  | 2992.6  | 2965.6  | 3004.9  |
| 82.5°  | 1701.0  | 2020.4  | 2469.1  | 2917.2  | 2558.0  | 2198.8  | 2404.8  | 2610.7  | 2509.6  | 2407.8  | 2445.8  |
| 85°    | 958.1   | 1153.0  | 1591.9  | 2030.2  | 1892.3  | 1753.8  | 1874.5  | 1994.7  | 1837.7  | 1680.8  | 1750.1  |
| 87.5°  | 182.7   | 304.0   | 880.9   | 1457.1  | 1322.8  | 1188.6  | 1032.9  | 877.2   | 669.4   | 461.6   | 674.3   |
| 90°    | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 92.5°  | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 95°    | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 97.5°  | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 100°   | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 102.5° | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 105°   | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 107.5° | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 110°   | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |



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**CANDELA DISTRIBUTION (continued):**

|        | 0°  | 5°  | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|--------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 112.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 115°   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 117.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 120°   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 122.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 125°   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 127.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 130°   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 132.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 135°   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 137.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 140°   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 142.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 145°   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 147.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 150°   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 152.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 155°   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 157.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 160°   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 162.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 165°   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 167.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 170°   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 172.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 175°   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 177.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 180°   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |





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**CANDELA DISTRIBUTION (continued):**

|        | 55°     | 60°     | 65°     | 70°     | 75°     | 80°     | 85°     | 90°     | 95°     | 100°   | 105°   |
|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|--------|--------|
| 0°     | 4671.0  | 4671.0  | 4671.0  | 4671.0  | 4671.0  | 4671.0  | 4671.0  | 4671.0  | 4671.0  | 4671.0 | 4671.0 |
| 2.5°   | 5284.0  | 5273.5  | 5263.1  | 5225.7  | 5187.7  | 5131.3  | 5084.7  | 5003.8  | 4959.7  | 4892.9 | 4826.1 |
| 5°     | 5718.6  | 5652.4  | 5586.2  | 5472.1  | 5357.5  | 5230.0  | 5083.5  | 4921.1  | 4798.5  | 4639.1 | 4479.7 |
| 7.5°   | 5941.1  | 5786.6  | 5631.5  | 5412.7  | 5193.2  | 4995.8  | 4764.1  | 4548.4  | 4364.5  | 4157.3 | 3950.1 |
| 10°    | 5961.3  | 5729.6  | 5497.3  | 5212.8  | 4927.8  | 4688.1  | 4421.5  | 4181.8  | 3961.1  | 3723.3 | 3484.8 |
| 12.5°  | 5866.9  | 5620.5  | 5373.4  | 5060.2  | 4746.4  | 4474.2  | 4187.3  | 3918.8  | 3674.2  | 3412.5 | 3150.1 |
| 15°    | 5667.1  | 5470.3  | 5272.9  | 4979.3  | 4685.7  | 4411.1  | 4132.8  | 3814.6  | 3538.2  | 3270.3 | 3001.8 |
| 17.5°  | 5399.2  | 5306.0  | 5212.2  | 5000.1  | 4787.4  | 4549.6  | 4279.9  | 3906.6  | 3582.9  | 3291.7 | 3000.6 |
| 20°    | 5139.9  | 5174.2  | 5207.9  | 5123.4  | 5038.8  | 4848.1  | 4612.7  | 4193.4  | 3780.3  | 3399.6 | 3018.4 |
| 22.5°  | 4919.8  | 5084.7  | 5249.0  | 5314.6  | 5379.6  | 5265.0  | 5081.1  | 4596.2  | 4049.4  | 3552.3 | 3055.1 |
| 25°    | 4760.5  | 5033.9  | 5307.2  | 5525.5  | 5743.1  | 5692.2  | 5550.6  | 5085.3  | 4406.2  | 3772.3 | 3137.9 |
| 27.5°  | 4720.6  | 5055.9  | 5391.2  | 5729.6  | 6067.4  | 6114.6  | 6075.3  | 5600.9  | 4831.6  | 4045.7 | 3259.3 |
| 30°    | 4783.1  | 5122.7  | 5461.7  | 5873.6  | 6285.0  | 6473.1  | 6525.9  | 6030.6  | 5317.7  | 4364.5 | 3410.7 |
| 32.5°  | 4899.6  | 5232.5  | 5565.3  | 6014.0  | 6462.1  | 6746.5  | 6914.5  | 6423.5  | 5656.6  | 4604.8 | 3552.3 |
| 35°    | 5087.8  | 5399.2  | 5710.6  | 6177.7  | 6644.8  | 7012.6  | 7319.1  | 6829.3  | 5957.6  | 4772.7 | 3587.2 |
| 37.5°  | 5417.6  | 5685.5  | 5953.3  | 6384.9  | 6815.8  | 7292.7  | 7753.1  | 7276.2  | 6283.1  | 4934.6 | 3585.4 |
| 40°    | 5915.9  | 6105.4  | 6294.2  | 6658.9  | 7023.0  | 7623.1  | 8244.7  | 7774.5  | 6642.9  | 5109.9 | 3576.8 |
| 42.5°  | 6536.9  | 6634.4  | 6731.2  | 7019.9  | 7308.7  | 7968.2  | 8690.9  | 8261.8  | 6986.2  | 5272.9 | 3559.6 |
| 45°    | 7181.1  | 7206.9  | 7232.6  | 7414.7  | 7596.1  | 8241.6  | 8995.0  | 8627.8  | 7286.0  | 5414.5 | 3542.5 |
| 47.5°  | 7846.9  | 7758.6  | 7670.3  | 7742.6  | 7815.0  | 8451.3  | 9212.0  | 8905.5  | 7586.9  | 5571.4 | 3555.3 |
| 50°    | 8572.0  | 8326.2  | 8080.4  | 8042.4  | 8004.4  | 8660.9  | 9467.6  | 9258.6  | 7948.6  | 5800.1 | 3651.6 |
| 52.5°  | 9308.8  | 8903.6  | 8498.5  | 8348.3  | 8197.5  | 8911.0  | 9806.6  | 9698.1  | 8464.7  | 6154.4 | 3843.4 |
| 55°    | 9984.3  | 9468.8  | 8953.3  | 8751.0  | 8548.7  | 9293.5  | 10220.3 | 10343.6 | 9126.2  | 6607.4 | 4088.0 |
| 57.5°  | 10640.9 | 10056.7 | 9472.5  | 9284.9  | 9097.3  | 9855.6  | 10744.4 | 10922.8 | 9794.3  | 7042.0 | 4289.1 |
| 60°    | 11267.3 | 10689.3 | 10110.6 | 9960.4  | 9809.6  | 10554.4 | 11310.8 | 11180.9 | 10138.8 | 7245.5 | 4351.6 |
| 62.5°  | 11749.1 | 11289.4 | 10829.7 | 10750.6 | 10670.9 | 11261.2 | 11746.1 | 11080.4 | 9920.0  | 7045.1 | 4170.2 |
| 65°    | 11952.0 | 11690.3 | 11427.9 | 11502.1 | 11575.7 | 11795.7 | 11854.6 | 10786.1 | 9232.2  | 6483.6 | 3734.9 |
| 67.5°  | 11369.1 | 11422.4 | 11475.7 | 11787.1 | 12097.9 | 11946.5 | 11532.1 | 10206.2 | 8253.3  | 5687.9 | 3122.6 |
| 70°    | 9614.7  | 9934.7  | 10254.1 | 10990.9 | 11727.1 | 11391.1 | 10668.4 | 9165.4  | 7075.1  | 4771.5 | 2467.3 |
| 72.5°  | 7357.7  | 7717.5  | 8076.7  | 9170.3  | 10263.3 | 9953.7  | 9068.5  | 7528.1  | 5672.6  | 3810.3 | 1947.5 |
| 75°    | 5327.5  | 5733.9  | 6139.7  | 7346.0  | 8552.4  | 8122.7  | 6783.3  | 5390.0  | 4308.7  | 2908.6 | 1507.9 |
| 77.5°  | 3795.0  | 4067.2  | 4339.3  | 5531.0  | 6722.0  | 6022.0  | 4515.3  | 3627.0  | 2982.2  | 2021.6 | 1060.5 |
| 80°    | 3044.1  | 2960.7  | 2877.4  | 3541.2  | 4205.1  | 4088.6  | 2986.5  | 2329.4  | 2063.9  | 1354.7 | 645.5  |
| 82.5°  | 2483.2  | 2279.7  | 2076.2  | 2388.8  | 2701.4  | 2684.3  | 2072.5  | 1709.0  | 1536.1  | 941.5  | 347.0  |
| 85°    | 1818.7  | 1737.2  | 1655.7  | 1932.1  | 2208.6  | 1972.6  | 1403.7  | 1086.2  | 1197.8  | 693.3  | 188.8  |
| 87.5°  | 887.0   | 1013.3  | 1138.9  | 1465.0  | 1790.5  | 1344.3  | 426.0   | 210.9   | 291.8   | 191.9  | 91.3   |
| 90°    | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0    | 0.0    |
| 92.5°  | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0    | 0.0    |
| 95°    | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0    | 0.0    |
| 97.5°  | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0    | 0.0    |
| 100°   | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0    | 0.0    |
| 102.5° | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0    | 0.0    |
| 105°   | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0    | 0.0    |
| 107.5° | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0    | 0.0    |
| 110°   | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0    | 0.0    |



REPORT NUMBER: P320397  
 CATALOG NUMBER: GLEON-SA3B-760-U-SLL

**CANDELA DISTRIBUTION (continued):**

|        | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|--------|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|
| 112.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  |
| 115°   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  |
| 117.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  |
| 120°   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  |
| 122.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  |
| 125°   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  |
| 127.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  |
| 130°   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  |
| 132.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  |
| 135°   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  |
| 137.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  |
| 140°   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  |
| 142.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  |
| 145°   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  |
| 147.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  |
| 150°   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  |
| 152.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  |
| 155°   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  |
| 157.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  |
| 160°   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  |
| 162.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  |
| 165°   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  |
| 167.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  |
| 170°   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  |
| 172.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  |
| 175°   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  |
| 177.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  |
| 180°   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  |



REPORT NUMBER: P320397

CATALOG NUMBER: GLEON-SA3B-760-U-SLL

**CANDELA DISTRIBUTION (continued):**

|        | 110°   | 115°   | 120°   | 125°   | 130°   | 135°   | 140°   | 145°   | 150°   | 155°   | 160°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 4671.0 | 4671.0 | 4671.0 | 4671.0 | 4671.0 | 4671.0 | 4671.0 | 4671.0 | 4671.0 | 4671.0 | 4671.0 |
| 2.5°   | 4776.4 | 4726.1 | 4669.1 | 4612.1 | 4547.1 | 4481.6 | 4442.9 | 4403.7 | 4361.4 | 4319.1 | 4271.3 |
| 5°     | 4374.3 | 4268.8 | 4149.3 | 4029.8 | 3911.5 | 3793.2 | 3729.4 | 3665.7 | 3598.2 | 3530.2 | 3471.3 |
| 7.5°   | 3796.8 | 3643.0 | 3477.5 | 3311.4 | 3164.2 | 3016.5 | 2925.2 | 2833.2 | 2749.9 | 2665.9 | 2595.4 |
| 10°    | 3288.7 | 3092.5 | 2926.4 | 2759.7 | 2648.7 | 2537.8 | 2453.8 | 2369.8 | 2288.9 | 2207.4 | 2129.5 |
| 12.5°  | 2954.0 | 2757.8 | 2652.4 | 2547.0 | 2455.0 | 2363.1 | 2266.2 | 2168.8 | 2057.8 | 1946.2 | 1864.7 |
| 15°    | 2823.4 | 2645.0 | 2528.0 | 2410.3 | 2287.1 | 2163.2 | 2044.3 | 1925.4 | 1794.2 | 1663.0 | 1570.5 |
| 17.5°  | 2767.0 | 2533.5 | 2369.8 | 2205.5 | 2043.1 | 1880.6 | 1742.7 | 1604.8 | 1461.4 | 1317.9 | 1224.1 |
| 20°    | 2707.6 | 2396.8 | 2177.3 | 1957.3 | 1748.9 | 1540.4 | 1384.1 | 1227.8 | 1099.7 | 971.6  | 899.9  |
| 22.5°  | 2653.6 | 2251.5 | 1976.3 | 1700.4 | 1454.0 | 1207.6 | 1054.3 | 900.5  | 822.0  | 743.6  | 714.7  |
| 25°    | 2631.6 | 2124.6 | 1786.2 | 1447.9 | 1188.0 | 927.5  | 818.3  | 709.2  | 679.2  | 648.5  | 633.8  |
| 27.5°  | 2635.2 | 2011.2 | 1626.3 | 1240.7 | 1006.5 | 772.4  | 697.6  | 622.8  | 604.4  | 585.4  | 576.2  |
| 30°    | 2649.3 | 1888.0 | 1475.5 | 1062.9 | 869.8  | 676.7  | 628.3  | 579.3  | 559.7  | 540.0  | 528.4  |
| 32.5°  | 2665.3 | 1777.7 | 1359.0 | 939.7  | 782.2  | 624.0  | 584.2  | 543.7  | 524.7  | 505.7  | 494.1  |
| 35°    | 2637.7 | 1687.6 | 1279.3 | 871.1  | 725.8  | 579.9  | 546.2  | 511.8  | 491.0  | 470.2  | 459.1  |
| 37.5°  | 2591.1 | 1596.8 | 1217.4 | 837.3  | 689.0  | 540.0  | 515.5  | 490.4  | 468.9  | 446.9  | 436.4  |
| 40°    | 2548.8 | 1520.2 | 1171.4 | 822.0  | 668.8  | 514.9  | 494.1  | 473.2  | 451.2  | 428.5  | 416.2  |
| 42.5°  | 2514.5 | 1468.7 | 1126.1 | 783.4  | 650.4  | 516.7  | 487.3  | 457.3  | 435.8  | 414.4  | 400.9  |
| 45°    | 2488.7 | 1435.0 | 1090.5 | 746.0  | 633.2  | 520.4  | 483.0  | 445.6  | 424.2  | 402.1  | 386.2  |
| 47.5°  | 2486.3 | 1417.2 | 1065.4 | 713.5  | 600.7  | 487.3  | 472.0  | 456.7  | 425.4  | 393.5  | 375.1  |
| 50°    | 2520.0 | 1388.4 | 1035.9 | 682.9  | 569.5  | 456.1  | 476.9  | 497.1  | 443.8  | 389.9  | 366.6  |
| 52.5°  | 2590.5 | 1337.5 | 989.4  | 641.2  | 531.5  | 421.1  | 453.6  | 485.5  | 439.5  | 392.9  | 362.9  |
| 55°    | 2675.7 | 1262.8 | 918.9  | 574.4  | 481.2  | 387.4  | 416.2  | 444.4  | 415.6  | 386.2  | 350.0  |
| 57.5°  | 2729.0 | 1168.4 | 830.0  | 491.6  | 424.8  | 358.0  | 374.5  | 390.5  | 378.8  | 367.2  | 330.4  |
| 60°    | 2697.1 | 1042.7 | 730.1  | 416.8  | 375.1  | 333.5  | 330.4  | 326.7  | 343.9  | 361.0  | 318.8  |
| 62.5°  | 2541.4 | 912.7  | 641.8  | 370.9  | 339.6  | 307.7  | 301.0  | 293.6  | 321.8  | 349.4  | 304.7  |
| 65°    | 2278.5 | 822.0  | 586.0  | 350.0  | 315.1  | 280.1  | 272.8  | 265.4  | 274.0  | 282.6  | 261.7  |
| 67.5°  | 1944.4 | 766.2  | 554.1  | 342.0  | 299.8  | 256.8  | 248.3  | 239.7  | 237.8  | 236.0  | 228.6  |
| 70°    | 1599.9 | 731.9  | 533.3  | 334.7  | 283.2  | 231.1  | 223.1  | 215.2  | 212.7  | 209.6  | 204.1  |
| 72.5°  | 1337.5 | 727.6  | 530.8  | 334.1  | 269.7  | 205.4  | 198.0  | 190.6  | 187.6  | 183.9  | 179.6  |
| 75°    | 1095.4 | 682.9  | 503.9  | 324.9  | 251.3  | 177.2  | 170.4  | 163.7  | 161.2  | 158.2  | 154.5  |
| 77.5°  | 812.8  | 565.2  | 423.6  | 282.0  | 215.2  | 148.3  | 141.6  | 134.2  | 133.6  | 132.4  | 129.3  |
| 80°    | 527.2  | 408.9  | 302.8  | 196.8  | 156.9  | 116.5  | 111.0  | 104.8  | 105.4  | 106.0  | 103.6  |
| 82.5°  | 293.0  | 238.5  | 185.1  | 131.8  | 107.3  | 82.8   | 80.3   | 77.2   | 79.1   | 80.3   | 77.2   |
| 85°    | 154.5  | 120.1  | 99.3   | 78.5   | 61.9   | 45.4   | 45.4   | 44.7   | 47.2   | 49.7   | 47.2   |
| 87.5°  | 66.8   | 42.3   | 36.2   | 29.4   | 16.6   | 3.1    | 3.7    | 3.7    | 4.9    | 6.1    | 5.5    |
| 90°    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 92.5°  | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 95°    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 97.5°  | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 100°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 102.5° | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 105°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 107.5° | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 110°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |



REPORT NUMBER: P320397  
 CATALOG NUMBER: GLEON-SA3B-760-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: GLEON-SA3B-760-U-SLL

**CANDELA DISTRIBUTION (continued):**

|        | 165°   | 170°   | 175°   | 180°   | 185°   | 190°   | 195°   | 200°   | 205°   | 210°   | 215°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 4671.0 | 4671.0 | 4671.0 | 4671.0 | 4671.0 | 4671.0 | 4671.0 | 4671.0 | 4671.0 | 4671.0 | 4671.0 |
| 2.5°   | 4222.9 | 4178.1 | 4132.8 | 4083.1 | 4092.3 | 4054.3 | 4016.3 | 3992.4 | 3968.5 | 3961.1 | 3953.8 |
| 5°     | 3412.5 | 3361.6 | 3310.1 | 3264.2 | 3304.0 | 3277.0 | 3250.1 | 3246.4 | 3242.1 | 3242.1 | 3241.5 |
| 7.5°   | 2524.9 | 2470.3 | 2415.2 | 2377.2 | 2416.4 | 2411.5 | 2406.6 | 2432.9 | 2459.3 | 2480.8 | 2501.6 |
| 10°    | 2051.7 | 1985.5 | 1918.7 | 1862.3 | 1852.4 | 1824.3 | 1795.4 | 1801.6 | 1807.1 | 1830.4 | 1853.7 |
| 12.5°  | 1783.2 | 1704.1 | 1625.0 | 1558.8 | 1528.8 | 1482.2 | 1435.0 | 1405.6 | 1376.2 | 1379.2 | 1381.7 |
| 15°    | 1477.3 | 1400.7 | 1323.4 | 1266.4 | 1247.4 | 1211.3 | 1175.1 | 1138.3 | 1100.9 | 1085.6 | 1069.7 |
| 17.5°  | 1129.7 | 1068.4 | 1006.5 | 968.5  | 968.5  | 958.1  | 947.7  | 929.3  | 910.3  | 895.0  | 879.0  |
| 20°    | 828.1  | 795.7  | 762.6  | 746.6  | 751.5  | 752.1  | 752.1  | 761.3  | 770.5  | 765.6  | 760.7  |
| 22.5°  | 685.3  | 673.7  | 662.0  | 655.3  | 657.7  | 658.3  | 659.0  | 667.5  | 675.5  | 681.6  | 687.2  |
| 25°    | 618.5  | 611.1  | 603.8  | 601.3  | 606.9  | 607.5  | 607.5  | 613.0  | 618.5  | 624.6  | 630.8  |
| 27.5°  | 566.4  | 563.3  | 560.3  | 556.0  | 561.5  | 561.5  | 560.9  | 567.0  | 572.5  | 578.0  | 583.0  |
| 30°    | 516.7  | 518.0  | 518.6  | 517.4  | 521.0  | 523.5  | 525.3  | 529.6  | 533.3  | 537.6  | 541.9  |
| 32.5°  | 481.8  | 480.0  | 478.1  | 476.9  | 484.9  | 489.2  | 493.5  | 497.7  | 501.4  | 503.3  | 505.1  |
| 35°    | 448.1  | 443.8  | 439.5  | 436.4  | 443.8  | 449.3  | 454.8  | 462.8  | 470.2  | 471.4  | 472.6  |
| 37.5°  | 425.4  | 419.9  | 414.4  | 410.7  | 413.8  | 416.2  | 418.7  | 427.3  | 435.8  | 440.7  | 445.0  |
| 40°    | 404.0  | 398.4  | 392.9  | 389.9  | 391.7  | 392.3  | 392.9  | 397.2  | 400.9  | 410.1  | 418.7  |
| 42.5°  | 386.8  | 380.1  | 373.3  | 369.6  | 370.9  | 372.1  | 372.7  | 372.1  | 371.5  | 380.1  | 388.6  |
| 45°    | 369.6  | 362.3  | 354.9  | 350.6  | 351.2  | 351.2  | 351.2  | 350.0  | 348.2  | 352.5  | 356.8  |
| 47.5°  | 356.1  | 347.6  | 339.0  | 334.7  | 333.5  | 332.2  | 331.0  | 330.4  | 329.2  | 332.2  | 334.7  |
| 50°    | 342.7  | 333.5  | 323.7  | 318.8  | 315.7  | 314.5  | 313.2  | 312.6  | 311.4  | 314.5  | 316.9  |
| 52.5°  | 332.2  | 321.2  | 310.2  | 302.2  | 299.1  | 297.3  | 295.5  | 296.1  | 296.1  | 297.3  | 297.9  |
| 55°    | 313.8  | 304.0  | 293.6  | 288.1  | 282.6  | 281.4  | 280.1  | 282.0  | 283.2  | 283.2  | 283.2  |
| 57.5°  | 293.6  | 284.4  | 274.6  | 270.9  | 266.0  | 266.0  | 265.4  | 267.9  | 269.7  | 270.9  | 272.2  |
| 60°    | 275.8  | 265.4  | 255.0  | 251.9  | 250.1  | 249.5  | 248.9  | 251.9  | 254.4  | 256.8  | 259.3  |
| 62.5°  | 259.3  | 248.3  | 237.2  | 233.5  | 232.9  | 233.5  | 233.5  | 236.6  | 239.1  | 241.5  | 244.0  |
| 65°    | 240.9  | 229.9  | 218.2  | 214.5  | 215.8  | 217.6  | 219.4  | 221.9  | 223.7  | 226.2  | 228.6  |
| 67.5°  | 220.7  | 211.5  | 201.7  | 198.0  | 198.6  | 201.1  | 203.5  | 205.4  | 206.6  | 209.0  | 211.5  |
| 70°    | 198.6  | 190.6  | 182.7  | 180.2  | 179.6  | 182.7  | 185.1  | 186.3  | 187.6  | 190.6  | 193.1  |
| 72.5°  | 174.7  | 168.0  | 161.2  | 159.4  | 160.0  | 161.8  | 163.7  | 165.5  | 166.7  | 169.8  | 172.2  |
| 75°    | 150.2  | 144.1  | 137.9  | 136.7  | 137.9  | 139.8  | 141.6  | 142.8  | 144.1  | 147.7  | 150.8  |
| 77.5°  | 126.3  | 119.5  | 112.2  | 111.6  | 113.4  | 115.2  | 116.5  | 118.3  | 120.1  | 125.0  | 130.0  |
| 80°    | 101.1  | 93.8   | 85.8   | 85.2   | 87.0   | 88.9   | 90.7   | 92.6   | 94.4   | 100.5  | 106.0  |
| 82.5°  | 74.2   | 65.6   | 57.0   | 55.8   | 61.9   | 63.8   | 65.6   | 68.7   | 71.1   | 76.6   | 82.1   |
| 85°    | 44.7   | 36.2   | 27.6   | 27.0   | 32.5   | 35.6   | 38.6   | 42.3   | 45.4   | 50.3   | 55.2   |
| 87.5°  | 4.9    | 2.5    | 0.0    | 0.0    | 0.6    | 3.1    | 5.5    | 8.6    | 11.6   | 16.6   | 20.8   |
| 90°    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 92.5°  | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 95°    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 97.5°  | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 100°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 102.5° | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 105°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 107.5° | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 110°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |



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 CATALOG NUMBER: GLEON-SA3B-760-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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 CATALOG NUMBER: GLEON-SA3B-760-U-SLL

**CANDELA DISTRIBUTION (continued):**

|        | 220°   | 225°   | 230°   | 235°   | 240°   | 245°   | 250°   | 255°   | 260°   | 265°   | 270°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 4671.0 | 4671.0 | 4671.0 | 4671.0 | 4671.0 | 4671.0 | 4671.0 | 4671.0 | 4671.0 | 4671.0 | 4671.0 |
| 2.5°   | 3926.8 | 3899.2 | 3927.4 | 3955.0 | 3966.6 | 3978.3 | 3948.3 | 3917.6 | 3965.4 | 4012.6 | 4024.9 |
| 5°     | 3217.0 | 3191.8 | 3210.8 | 3229.2 | 3188.1 | 3147.1 | 3142.8 | 3137.9 | 3173.4 | 3209.0 | 3214.5 |
| 7.5°   | 2493.6 | 2485.7 | 2503.4 | 2521.2 | 2469.1 | 2416.4 | 2390.7 | 2364.9 | 2373.5 | 2382.1 | 2380.8 |
| 10°    | 1859.2 | 1864.1 | 1886.2 | 1907.6 | 1867.2 | 1826.7 | 1808.9 | 1791.1 | 1810.8 | 1829.8 | 1847.5 |
| 12.5°  | 1392.7 | 1403.1 | 1426.4 | 1449.1 | 1432.6 | 1415.4 | 1417.2 | 1419.1 | 1441.7 | 1463.8 | 1483.4 |
| 15°    | 1081.9 | 1094.2 | 1110.7 | 1126.7 | 1127.3 | 1127.3 | 1143.2 | 1158.5 | 1156.7 | 1154.9 | 1168.4 |
| 17.5°  | 895.6  | 911.5  | 913.4  | 915.2  | 915.8  | 916.4  | 915.2  | 914.0  | 904.8  | 895.6  | 906.0  |
| 20°    | 766.8  | 772.4  | 777.3  | 781.6  | 776.0  | 769.9  | 754.6  | 739.3  | 733.1  | 727.0  | 736.8  |
| 22.5°  | 697.6  | 707.4  | 702.5  | 697.0  | 685.9  | 674.3  | 662.6  | 650.4  | 649.8  | 648.5  | 654.1  |
| 25°    | 639.3  | 647.3  | 638.7  | 630.2  | 622.2  | 614.2  | 606.2  | 598.3  | 597.7  | 597.0  | 599.5  |
| 27.5°  | 590.9  | 598.3  | 590.3  | 582.3  | 575.6  | 568.9  | 562.7  | 556.6  | 555.4  | 554.1  | 554.8  |
| 30°    | 549.2  | 556.0  | 549.2  | 541.9  | 537.0  | 531.5  | 527.2  | 522.9  | 522.3  | 521.7  | 521.7  |
| 32.5°  | 511.8  | 518.6  | 513.7  | 508.8  | 504.5  | 500.2  | 497.1  | 494.1  | 491.0  | 487.9  | 481.2  |
| 35°    | 479.4  | 486.1  | 483.0  | 479.4  | 474.5  | 469.5  | 464.0  | 457.9  | 449.9  | 441.4  | 437.7  |
| 37.5°  | 451.8  | 458.5  | 455.4  | 452.4  | 445.6  | 438.9  | 429.1  | 418.7  | 416.2  | 413.2  | 412.5  |
| 40°    | 429.7  | 440.1  | 434.0  | 427.3  | 416.8  | 406.4  | 401.5  | 396.6  | 395.4  | 394.2  | 392.9  |
| 42.5°  | 405.2  | 421.1  | 410.1  | 399.1  | 389.2  | 379.4  | 378.2  | 377.0  | 376.4  | 375.8  | 375.8  |
| 45°    | 374.5  | 391.7  | 380.7  | 369.0  | 363.5  | 358.0  | 358.0  | 358.0  | 358.6  | 358.6  | 359.8  |
| 47.5°  | 345.7  | 356.1  | 350.6  | 345.1  | 342.0  | 339.0  | 339.6  | 340.2  | 342.0  | 343.3  | 346.3  |
| 50°    | 321.2  | 324.9  | 326.1  | 326.7  | 324.9  | 323.0  | 324.3  | 324.9  | 326.7  | 327.9  | 330.4  |
| 52.5°  | 303.4  | 308.9  | 308.9  | 308.3  | 308.3  | 308.3  | 309.6  | 310.8  | 312.6  | 314.5  | 316.9  |
| 55°    | 291.8  | 299.8  | 297.3  | 294.8  | 295.5  | 295.5  | 296.7  | 297.9  | 299.8  | 301.0  | 304.7  |
| 57.5°  | 280.7  | 289.3  | 286.9  | 284.4  | 284.4  | 284.4  | 285.0  | 285.7  | 287.5  | 288.7  | 291.2  |
| 60°    | 267.9  | 276.5  | 274.0  | 270.9  | 271.6  | 272.2  | 272.8  | 272.8  | 274.0  | 274.6  | 274.6  |
| 62.5°  | 252.6  | 261.1  | 258.7  | 255.6  | 257.5  | 258.7  | 258.7  | 258.7  | 259.9  | 260.5  | 258.7  |
| 65°    | 236.6  | 244.6  | 242.1  | 239.7  | 242.1  | 244.0  | 245.2  | 245.8  | 245.2  | 244.6  | 242.7  |
| 67.5°  | 219.4  | 227.4  | 225.0  | 221.9  | 225.0  | 227.4  | 229.9  | 231.7  | 229.9  | 228.0  | 225.6  |
| 70°    | 201.1  | 209.0  | 206.0  | 202.9  | 206.0  | 209.0  | 211.5  | 213.9  | 211.5  | 209.0  | 208.4  |
| 72.5°  | 181.4  | 190.6  | 187.0  | 183.3  | 187.0  | 190.6  | 191.9  | 193.1  | 191.3  | 189.4  | 188.2  |
| 75°    | 160.0  | 169.2  | 166.1  | 162.4  | 165.5  | 168.6  | 169.2  | 169.8  | 169.8  | 169.2  | 165.5  |
| 77.5°  | 137.3  | 144.7  | 142.8  | 141.0  | 142.8  | 144.7  | 144.7  | 144.7  | 145.3  | 145.3  | 140.4  |
| 80°    | 110.3  | 114.6  | 115.2  | 115.9  | 116.5  | 117.1  | 116.5  | 115.9  | 114.6  | 113.4  | 110.3  |
| 82.5°  | 82.1   | 82.1   | 87.0   | 91.3   | 91.3   | 90.7   | 90.1   | 88.9   | 86.4   | 83.4   | 76.6   |
| 85°    | 52.1   | 49.0   | 57.0   | 64.4   | 64.4   | 63.8   | 62.5   | 60.7   | 55.8   | 50.3   | 44.7   |
| 87.5°  | 17.8   | 14.7   | 22.7   | 30.6   | 31.3   | 31.3   | 30.0   | 28.8   | 23.9   | 18.4   | 14.1   |
| 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: P320397  
 CATALOG NUMBER: GLEON-SA3B-760-U-SLL

**CANDELA DISTRIBUTION (continued):**

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





REPORT NUMBER: P320397  
 CATALOG NUMBER: GLEON-SA3B-760-U-SLL

**CANDELA DISTRIBUTION (continued):**

|        | 275°   | 280°   | 285°   | 290°   | 295°   | 300°   | 305°   | 310°   | 315°   | 320°   | 325°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 4671.0 | 4671.0 | 4671.0 | 4671.0 | 4671.0 | 4671.0 | 4671.0 | 4671.0 | 4671.0 | 4671.0 | 4671.0 |
| 2.5°   | 4043.3 | 4051.2 | 4058.6 | 4118.7 | 4178.1 | 4248.0 | 4317.9 | 4371.2 | 4423.9 | 4478.5 | 4533.0 |
| 5°     | 3233.5 | 3243.3 | 3253.1 | 3326.1 | 3398.4 | 3495.9 | 3593.3 | 3677.3 | 3761.3 | 3860.0 | 3958.7 |
| 7.5°   | 2396.8 | 2418.2 | 2439.1 | 2516.9 | 2594.2 | 2699.0 | 2803.2 | 2912.9 | 3022.0 | 3150.8 | 3279.5 |
| 10°    | 1882.5 | 1922.9 | 1962.8 | 2042.5 | 2122.2 | 2225.8 | 2328.7 | 2443.4 | 2558.0 | 2684.9 | 2811.2 |
| 12.5°  | 1523.9 | 1577.8 | 1631.2 | 1726.8 | 1822.4 | 1946.2 | 2069.4 | 2196.9 | 2323.8 | 2435.4 | 2547.0 |
| 15°    | 1203.9 | 1262.8 | 1321.0 | 1422.1 | 1523.3 | 1659.4 | 1794.8 | 1934.0 | 2072.5 | 2206.1 | 2339.8 |
| 17.5°  | 939.1  | 987.5  | 1035.3 | 1121.2 | 1206.4 | 1338.2 | 1469.9 | 1615.8 | 1761.7 | 1924.8 | 2087.2 |
| 20°    | 757.7  | 777.9  | 798.1  | 860.0  | 921.3  | 1028.6 | 1135.3 | 1284.2 | 1433.2 | 1628.1 | 1823.0 |
| 22.5°  | 663.9  | 674.3  | 684.1  | 714.1  | 743.6  | 812.8  | 881.5  | 1013.3 | 1144.4 | 1357.2 | 1569.2 |
| 25°    | 607.5  | 615.4  | 623.4  | 643.0  | 662.6  | 695.7  | 728.8  | 821.4  | 914.0  | 1123.0 | 1331.4 |
| 27.5°  | 556.6  | 568.9  | 580.5  | 589.7  | 598.3  | 621.0  | 643.0  | 703.7  | 764.4  | 959.3  | 1153.6 |
| 30°    | 519.8  | 524.1  | 528.4  | 542.5  | 556.0  | 579.3  | 602.6  | 644.9  | 687.2  | 852.1  | 1016.3 |
| 32.5°  | 476.9  | 483.0  | 489.2  | 503.9  | 518.6  | 540.0  | 561.5  | 595.8  | 629.5  | 770.5  | 910.9  |
| 35°    | 438.3  | 444.4  | 450.5  | 465.3  | 479.4  | 502.6  | 525.3  | 554.1  | 582.3  | 704.9  | 827.5  |
| 37.5°  | 414.4  | 420.5  | 426.6  | 439.5  | 451.8  | 475.1  | 497.7  | 520.4  | 542.5  | 655.9  | 769.3  |
| 40°    | 394.2  | 400.3  | 406.4  | 418.7  | 430.3  | 453.0  | 475.1  | 494.1  | 513.1  | 619.1  | 725.2  |
| 42.5°  | 376.4  | 383.1  | 389.9  | 402.1  | 413.8  | 434.0  | 454.2  | 479.4  | 503.9  | 587.2  | 670.0  |
| 45°    | 361.7  | 368.4  | 374.5  | 388.0  | 401.5  | 421.1  | 440.7  | 475.7  | 510.6  | 570.7  | 630.8  |
| 47.5°  | 348.2  | 355.5  | 362.3  | 377.0  | 391.7  | 416.2  | 440.1  | 469.5  | 498.4  | 557.8  | 617.3  |
| 50°    | 335.3  | 343.9  | 352.5  | 370.2  | 387.4  | 428.5  | 468.9  | 473.2  | 476.9  | 547.4  | 617.3  |
| 52.5°  | 323.0  | 332.9  | 342.7  | 364.7  | 386.2  | 434.0  | 481.8  | 466.5  | 450.5  | 527.8  | 605.0  |
| 55°    | 310.8  | 319.4  | 327.3  | 354.3  | 381.3  | 416.2  | 451.2  | 430.9  | 410.1  | 491.0  | 571.9  |
| 57.5°  | 294.2  | 303.4  | 312.0  | 340.8  | 369.6  | 394.2  | 418.1  | 399.7  | 380.7  | 449.3  | 517.4  |
| 60°    | 277.1  | 287.5  | 297.9  | 334.7  | 370.9  | 366.6  | 361.7  | 358.0  | 353.7  | 402.7  | 451.8  |
| 62.5°  | 261.7  | 272.8  | 283.8  | 331.6  | 379.4  | 350.0  | 320.6  | 323.7  | 326.1  | 362.3  | 398.4  |
| 65°    | 246.4  | 257.5  | 267.9  | 291.8  | 315.7  | 304.0  | 292.4  | 297.3  | 301.6  | 337.1  | 372.7  |
| 67.5°  | 229.3  | 239.1  | 248.3  | 256.2  | 264.2  | 265.4  | 266.6  | 271.6  | 276.5  | 318.8  | 360.4  |
| 70°    | 210.3  | 218.2  | 226.2  | 231.7  | 236.6  | 239.1  | 240.9  | 247.0  | 253.2  | 299.1  | 345.1  |
| 72.5°  | 188.8  | 195.5  | 201.7  | 206.6  | 211.5  | 213.3  | 214.5  | 220.7  | 226.8  | 275.8  | 324.9  |
| 75°    | 165.5  | 171.0  | 175.9  | 180.2  | 184.5  | 187.0  | 189.4  | 193.7  | 198.0  | 251.3  | 304.0  |
| 77.5°  | 139.8  | 145.3  | 150.2  | 153.9  | 156.9  | 159.4  | 161.2  | 166.7  | 172.2  | 217.0  | 261.1  |
| 80°    | 109.1  | 115.9  | 122.0  | 125.0  | 127.5  | 128.1  | 128.1  | 133.0  | 137.9  | 169.8  | 201.1  |
| 82.5°  | 77.2   | 84.6   | 91.3   | 93.8   | 96.2   | 96.2   | 96.2   | 101.8  | 107.3  | 128.7  | 149.6  |
| 85°    | 45.4   | 53.3   | 60.7   | 63.1   | 65.6   | 66.8   | 67.4   | 69.9   | 71.7   | 87.0   | 101.8  |
| 87.5°  | 14.1   | 20.8   | 27.0   | 28.2   | 29.4   | 31.9   | 34.3   | 34.9   | 34.9   | 45.4   | 55.8   |
| 90°    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 92.5°  | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 95°    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 97.5°  | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 100°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 102.5° | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 105°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 107.5° | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 110°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |



REPORT NUMBER: P320397  
 CATALOG NUMBER: GLEON-SA3B-760-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: GLEON-SA3B-760-U-SLL

**CANDELA DISTRIBUTION (continued):**

|        | 330°   | 335°   | 340°   | 345°   | 350°   | 355°   | 360°    |
|--------|--------|--------|--------|--------|--------|--------|---------|
| 0°     | 4671.0 | 4671.0 | 4671.0 | 4671.0 | 4671.0 | 4671.0 | 4671.0  |
| 2.5°   | 4595.6 | 4658.1 | 4731.0 | 4803.4 | 4865.3 | 4927.2 | 4978.7  |
| 5°     | 4084.3 | 4210.0 | 4363.9 | 4517.1 | 4653.8 | 4790.5 | 4949.3  |
| 7.5°   | 3441.9 | 3604.4 | 3803.6 | 4002.8 | 4195.9 | 4388.4 | 4632.3  |
| 10°    | 2976.7 | 3141.6 | 3352.4 | 3562.7 | 3779.7 | 3996.1 | 4271.9  |
| 12.5°  | 2681.2 | 2814.8 | 3019.0 | 3223.1 | 3478.1 | 3732.5 | 3997.9  |
| 15°    | 2486.3 | 2632.2 | 2830.8 | 3029.4 | 3308.3 | 3587.2 | 3892.5  |
| 17.5°  | 2278.5 | 2469.1 | 2723.5 | 2977.9 | 3308.3 | 3638.1 | 3997.9  |
| 20°    | 2060.9 | 2298.1 | 2627.9 | 2957.7 | 3402.7 | 3847.1 | 4306.2  |
| 22.5°  | 1843.9 | 2118.5 | 2541.4 | 2963.8 | 3545.5 | 4126.6 | 4746.4  |
| 25°    | 1648.3 | 1965.2 | 2488.7 | 3011.6 | 3753.3 | 4494.4 | 5263.1  |
| 27.5°  | 1500.0 | 1845.7 | 2467.3 | 3088.2 | 4016.9 | 4945.6 | 5825.2  |
| 30°    | 1368.2 | 1720.0 | 2441.5 | 3163.0 | 4270.7 | 5377.7 | 6264.7  |
| 32.5°  | 1254.2 | 1597.4 | 2391.9 | 3185.7 | 4447.8 | 5710.0 | 6636.8  |
| 35°    | 1164.7 | 1501.8 | 2308.5 | 3115.2 | 4558.8 | 6002.4 | 7024.2  |
| 37.5°  | 1087.4 | 1405.6 | 2213.5 | 3021.4 | 4657.5 | 6293.5 | 7460.1  |
| 40°    | 1013.9 | 1302.6 | 2132.0 | 2960.7 | 4793.6 | 6626.4 | 7920.4  |
| 42.5°  | 944.0  | 1218.0 | 2066.4 | 2914.8 | 4919.8 | 6924.3 | 8323.1  |
| 45°    | 891.9  | 1153.0 | 2008.1 | 2862.7 | 5001.4 | 7140.1 | 8626.6  |
| 47.5°  | 866.2  | 1114.4 | 1976.9 | 2838.7 | 5082.9 | 7326.4 | 8878.5  |
| 50°    | 862.5  | 1107.7 | 2012.4 | 2917.2 | 5259.4 | 7601.0 | 9166.6  |
| 52.5°  | 861.9  | 1118.7 | 2114.8 | 3110.9 | 5587.4 | 8063.2 | 9478.6  |
| 55°    | 849.0  | 1125.4 | 2236.8 | 3347.5 | 6027.5 | 8706.9 | 10039.5 |
| 57.5°  | 809.8  | 1102.2 | 2362.5 | 3622.1 | 6492.8 | 9362.8 | 10671.5 |
| 60°    | 749.1  | 1045.8 | 2466.0 | 3885.7 | 6805.4 | 9724.4 | 10914.9 |
| 62.5°  | 673.1  | 947.1  | 2500.4 | 4053.1 | 6796.8 | 9540.5 | 10669.7 |
| 65°    | 608.1  | 843.5  | 2387.6 | 3931.1 | 6452.9 | 8974.1 | 10184.8 |
| 67.5°  | 550.5  | 739.9  | 2105.6 | 3470.7 | 5834.4 | 8197.5 | 9568.1  |
| 70°    | 508.8  | 671.8  | 1742.1 | 2812.4 | 5060.2 | 7307.4 | 8854.0  |
| 72.5°  | 482.4  | 639.3  | 1420.3 | 2200.6 | 4106.4 | 6011.6 | 7573.5  |
| 75°    | 446.3  | 588.5  | 1114.4 | 1639.7 | 3142.8 | 4645.8 | 5720.4  |
| 77.5°  | 378.8  | 495.9  | 839.8  | 1183.7 | 2306.1 | 3427.8 | 3978.3  |
| 80°    | 292.4  | 383.1  | 577.4  | 771.8  | 1587.0 | 2402.3 | 2712.5  |
| 82.5°  | 208.4  | 267.3  | 350.0  | 432.8  | 1054.3 | 1675.3 | 1701.0  |
| 85°    | 128.7  | 155.7  | 200.4  | 245.2  | 697.6  | 1150.0 | 958.1   |
| 87.5°  | 69.3   | 82.8   | 106.0  | 128.7  | 223.1  | 317.5  | 182.7   |
| 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     |



REPORT NUMBER: P320397  
 CATALOG NUMBER: GLEON-SA3B-760-U-SLL

**CANDELA DISTRIBUTION (continued):**

|        | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|--------|------|------|------|------|------|------|------|
| 112.5° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 115°   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 117.5° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 120°   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 122.5° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 125°   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 127.5° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 130°   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 132.5° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 135°   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 137.5° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 140°   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 142.5° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 145°   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 147.5° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 150°   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 152.5° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 155°   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 157.5° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 160°   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 162.5° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 165°   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 167.5° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 170°   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 172.5° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 175°   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 177.5° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 180°   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |

Signify Classified - Internal  
Cooper Lighting Solutions Photometric Lab  
1121 Highway 74 South  
Peachtree City, GA 30269



LM-79-2008: Approved Method: Electrical and Photometric Measurements of Solid-  
State Lighting Products

Report Prepared for

Cooper Lighting Solutions

McGRAW-EDISON

Report Number: SP1-1908-441-9-R4

Test Date: 10/23/2019

Luminaire Tested: SA1C-760-U-5WQ

Data in this report applies to families of products SA1C-760-U-5WQ .

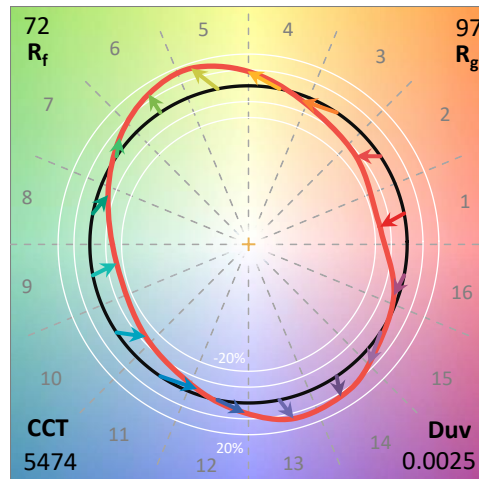
**Test Information**

Test Method: LM-79-2008  
 Report Number: SP1-1908-441-9-R4  
 Test Lab: COOPER LIGHTING SOLUTIONS  
 Photometer: SP1 - 76IN SPHERE  
 Measurement Geometry: 4π  
 Issue Date: 10/28/2024  
 Manufacturer: COOPER LIGHTING SOLUTIONS  
 Product Line: McGRAW-EDISON  
 Catalog Number: **SA1C-760-U-5WQ**  
 Description: McGRAW EDISON ROADWAY AND AREA LUMINAIRE

\*\*\*THIS IS A REVISION OF SP1-1908-441-4-R3. TO UPDATE THE CATALOG INFORMATION.\*\*\*TESTED IN SITU. ROADWAY AND AREA LUMINAIRE. (1) 70 CRI, 5000K, 1050MA LIGHTSQUARE WITH 16 LEDS AND TYPE V WIDE OPTICS.

**Spectral Parameters**

|                           |        |           |      |      |       |
|---------------------------|--------|-----------|------|------|-------|
| CCT (K):                  | 5474   | CRI (Ra): | 71.7 | R9:  | -27.1 |
| CIE u':                   | 0.2052 | R1:       | 70.6 | R10: | 40.8  |
| CIE v':                   | 0.4804 | R2:       | 74.6 | R11: | 74.6  |
| Duv:                      | 0.0025 | R3:       | 78.3 | R12: | 50.4  |
| CIE x:                    | 0.3330 | R4:       | 73.8 | R13: | 70.0  |
| CIE y:                    | 0.3466 | R5:       | 72.4 | R14: | 87.8  |
| CIE z:                    | 0.3204 | R6:       | 67.5 |      |       |
| Peak Wavelength (nm):     | 442    | R7:       | 77.5 |      |       |
| Dominant Wavelength (nm): | 554    | R8:       | 58.9 |      |       |
| Purity:                   | 4.1    |           |      |      |       |
| Rf:                       | 72.1   |           |      |      |       |
| Rg:                       | 97.2   |           |      |      |       |



**Test Conditions**

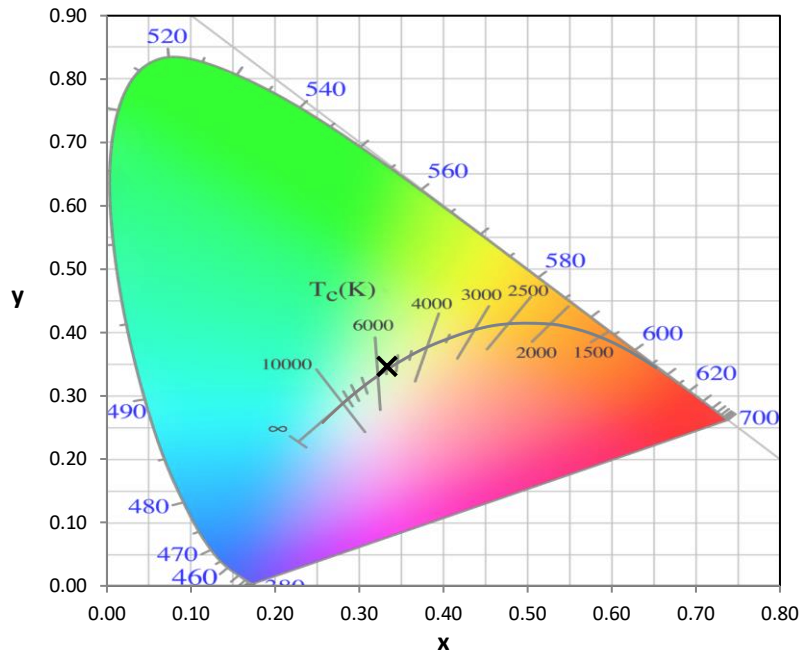
Stabilization Time: 240M  
 Operation Time: 12H  
 Room Temperature (°C) / RH%: 24.6/31%  
 Sphere Temperature (°C): 25.9

REPORT NUMBER: SP1-1908-441-9-R4

| Measurement and Test Equipment |                       |                  |                      |
|--------------------------------|-----------------------|------------------|----------------------|
| Instrument                     | Identification Number | Calibration Date | Calibration Due Date |
| Photometer                     | IN0058                | 6/28/2019        | 12/28/2019           |
| Power Meter                    | IN0071                | 12/5/2018        | 12/5/2019            |
| AC Power Source                | IN0063                | 12/5/2018        | 12/5/2019            |
| DC Power Source                | IN0208                | 12/5/2018        | 12/5/2019            |
| Sphere Thermometer             | IN0085                | 12/5/2018        | 12/5/2019            |
| Room Thermometer               | IN0046                | 12/5/2018        | 12/5/2019            |

REPORT NUMBER: SP1-1908-441-9-R4

CIE 1931 Chromaticity Diagram



CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 5700K 4-step quadrangle



REPORT NUMBER: SP1-1908-441-9-R4

**Photopic Flux vs. Wavelength**



#####

| $\lambda$<br>(nm) | Power<br>( $\mu\text{W}/\text{nm}$ ) | Lumens<br>( $\phi/\text{nm}$ ) | $\lambda$<br>(nm) | Power<br>( $\mu\text{W}/\text{nm}$ ) | Lumens<br>( $\phi/\text{nm}$ ) | $\lambda$<br>(nm) | Power<br>( $\mu\text{W}/\text{nm}$ ) | Lumens<br>( $\phi/\text{nm}$ ) | $\lambda$<br>(nm) | Power<br>( $\mu\text{W}/\text{nm}$ ) | Lumens<br>( $\phi/\text{nm}$ ) | $\lambda$<br>(nm) | Power<br>( $\mu\text{W}/\text{nm}$ ) | Lumens<br>( $\phi/\text{nm}$ ) |
|-------------------|--------------------------------------|--------------------------------|-------------------|--------------------------------------|--------------------------------|-------------------|--------------------------------------|--------------------------------|-------------------|--------------------------------------|--------------------------------|-------------------|--------------------------------------|--------------------------------|
| 360               | 3540                                 | NR                             | 490               | 33363                                | NR                             | 620               | 80193                                | NR                             | 750               | 4663                                 | NR                             | 880               | 4678                                 | NR                             |
| 365               | 2862                                 | NR                             | 495               | 44177                                | NR                             | 625               | 73091                                | NR                             | 755               | 4147                                 | NR                             | 885               | 4128                                 | NR                             |
| 370               | 2865                                 | NR                             | 500               | 57019                                | NR                             | 630               | 66269                                | NR                             | 760               | 4040                                 | NR                             | 890               | 4504                                 | NR                             |
| 375               | 3254                                 | NR                             | 505               | 70030                                | NR                             | 635               | 60012                                | NR                             | 765               | 3474                                 | NR                             | 895               | 4371                                 | NR                             |
| 380               | 3076                                 | NR                             | 510               | 81972                                | NR                             | 640               | 53914                                | NR                             | 770               | 3469                                 | NR                             | 900               | 4082                                 | NR                             |
| 385               | 2904                                 | NR                             | 515               | 92590                                | NR                             | 645               | 48385                                | NR                             | 775               | 3181                                 | NR                             | 905               | 2982                                 | NR                             |
| 390               | 2689                                 | NR                             | 520               | 100305                               | NR                             | 650               | 43219                                | NR                             | 780               | 2969                                 | NR                             | 910               | 4351                                 | NR                             |
| 395               | 2619                                 | NR                             | 525               | 107452                               | NR                             | 655               | 38562                                | NR                             | 785               | 3132                                 | NR                             | 915               | 3365                                 | NR                             |
| 400               | 2679                                 | NR                             | 530               | 111373                               | NR                             | 660               | 34110                                | NR                             | 790               | 2507                                 | NR                             | 920               | 3430                                 | NR                             |
| 405               | 3515                                 | NR                             | 535               | 114505                               | NR                             | 665               | 30085                                | NR                             | 795               | 2968                                 | NR                             | 925               | 4264                                 | NR                             |
| 410               | 6934                                 | NR                             | 540               | 116408                               | NR                             | 670               | 26205                                | NR                             | 800               | 2758                                 | NR                             | 930               | 4095                                 | NR                             |
| 415               | 14943                                | NR                             | 545               | 118700                               | NR                             | 675               | 22906                                | NR                             | 805               | 2872                                 | NR                             | 935               | 5048                                 | NR                             |
| 420               | 31939                                | NR                             | 550               | 119209                               | NR                             | 680               | 20058                                | NR                             | 810               | 3094                                 | NR                             | 940               | 4074                                 | NR                             |
| 425               | 64701                                | NR                             | 555               | 120742                               | NR                             | 685               | 17413                                | NR                             | 815               | 3222                                 | NR                             | 945               | 4949                                 | NR                             |
| 430               | 110939                               | NR                             | 560               | 121594                               | NR                             | 690               | 15447                                | NR                             | 820               | 3238                                 | NR                             | 950               | 4387                                 | NR                             |
| 435               | 164597                               | NR                             | 565               | 121913                               | NR                             | 695               | 13398                                | NR                             | 825               | 3524                                 | NR                             | 955               | 4978                                 | NR                             |
| 440               | 207696                               | NR                             | 570               | 122147                               | NR                             | 700               | 11777                                | NR                             | 830               | 2921                                 | NR                             | 960               | 4706                                 | NR                             |
| 445               | 201830                               | NR                             | 575               | 121605                               | NR                             | 705               | 10412                                | NR                             | 835               | 3595                                 | NR                             | 965               | 5083                                 | NR                             |
| 450               | 145410                               | NR                             | 580               | 120248                               | NR                             | 710               | 9544                                 | NR                             | 840               | 3016                                 | NR                             | 970               | 4522                                 | NR                             |
| 455               | 89594                                | NR                             | 585               | 117717                               | NR                             | 715               | 8940                                 | NR                             | 845               | 4032                                 | NR                             | 975               | 4740                                 | NR                             |
| 460               | 58321                                | NR                             | 590               | 114359                               | NR                             | 720               | 7897                                 | NR                             | 850               | 3579                                 | NR                             | 980               | 6122                                 | NR                             |
| 465               | 39318                                | NR                             | 595               | 109974                               | NR                             | 725               | 7045                                 | NR                             | 855               | 4571                                 | NR                             | 985               | 6450                                 | NR                             |
| 470               | 27693                                | NR                             | 600               | 105269                               | NR                             | 730               | 6483                                 | NR                             | 860               | 4485                                 | NR                             | 990               | 4875                                 | NR                             |
| 475               | 23081                                | NR                             | 605               | 99453                                | NR                             | 735               | 5838                                 | NR                             | 865               | 3978                                 | NR                             | 995               | 4764                                 | NR                             |
| 480               | 23002                                | NR                             | 610               | 92921                                | NR                             | 740               | 5261                                 | NR                             | 870               | 4298                                 | NR                             | 1000              | 3640                                 | NR                             |
| 485               | 26201                                | NR                             | 615               | 86989                                | NR                             | 745               | 4760                                 | NR                             | 875               | 4356                                 | NR                             |                   |                                      |                                |

REPORT NUMBER: SP1-1908-441-9-R4

Scotopic Flux vs. Wavelength



Scotopic Lumens: 13759.3 S/P: 1.85

| λ (nm) | Power (µW/nm) | Lumens (φ/nm) | λ (nm) | Power (µW/nm) | Lumens (φ/nm) | λ (nm) | Power (µW/nm) | Lumens (φ/nm) | λ (nm) | Power (µW/nm) | Lumens (φ/nm) | λ (nm) | Power (µW/nm) | Lumens (φ/nm) |
|--------|---------------|---------------|--------|---------------|---------------|--------|---------------|---------------|--------|---------------|---------------|--------|---------------|---------------|
| 360    | 3540          | NR            | 490    | 33363         | NR            | 620    | 80193         | NR            | 750    | 4663          | NR            | 880    | 4678          | NR            |
| 365    | 2862          | NR            | 495    | 44177         | NR            | 625    | 73091         | NR            | 755    | 4147          | NR            | 885    | 4128          | NR            |
| 370    | 2865          | NR            | 500    | 57019         | NR            | 630    | 66269         | NR            | 760    | 4040          | NR            | 890    | 4504          | NR            |
| 375    | 3254          | NR            | 505    | 70030         | NR            | 635    | 60012         | NR            | 765    | 3474          | NR            | 895    | 4371          | NR            |
| 380    | 3076          | NR            | 510    | 81972         | NR            | 640    | 53914         | NR            | 770    | 3469          | NR            | 900    | 4082          | NR            |
| 385    | 2904          | NR            | 515    | 92590         | NR            | 645    | 48385         | NR            | 775    | 3181          | NR            | 905    | 2982          | NR            |
| 390    | 2689          | NR            | 520    | 100305        | NR            | 650    | 43219         | NR            | 780    | 2969          | NR            | 910    | 4351          | NR            |
| 395    | 2619          | NR            | 525    | 107452        | NR            | 655    | 38562         | NR            | 785    | 3132          | NR            | 915    | 3365          | NR            |
| 400    | 2679          | NR            | 530    | 111373        | NR            | 660    | 34110         | NR            | 790    | 2507          | NR            | 920    | 3430          | NR            |
| 405    | 3515          | NR            | 535    | 114505        | NR            | 665    | 30085         | NR            | 795    | 2968          | NR            | 925    | 4264          | NR            |
| 410    | 6934          | NR            | 540    | 116408        | NR            | 670    | 26205         | NR            | 800    | 2758          | NR            | 930    | 4095          | NR            |
| 415    | 14943         | NR            | 545    | 118700        | NR            | 675    | 22906         | NR            | 805    | 2872          | NR            | 935    | 5048          | NR            |
| 420    | 31939         | NR            | 550    | 119209        | NR            | 680    | 20058         | NR            | 810    | 3094          | NR            | 940    | 4074          | NR            |
| 425    | 64701         | NR            | 555    | 120742        | NR            | 685    | 17413         | NR            | 815    | 3222          | NR            | 945    | 4949          | NR            |
| 430    | 110939        | NR            | 560    | 121594        | NR            | 690    | 15447         | NR            | 820    | 3238          | NR            | 950    | 4387          | NR            |
| 435    | 164597        | NR            | 565    | 121913        | NR            | 695    | 13398         | NR            | 825    | 3524          | NR            | 955    | 4978          | NR            |
| 440    | 207696        | NR            | 570    | 122147        | NR            | 700    | 11777         | NR            | 830    | 2921          | NR            | 960    | 4706          | NR            |
| 445    | 201830        | NR            | 575    | 121605        | NR            | 705    | 10412         | NR            | 835    | 3595          | NR            | 965    | 5083          | NR            |
| 450    | 145410        | NR            | 580    | 120248        | NR            | 710    | 9544          | NR            | 840    | 3016          | NR            | 970    | 4522          | NR            |
| 455    | 89594         | NR            | 585    | 117717        | NR            | 715    | 8940          | NR            | 845    | 4032          | NR            | 975    | 4740          | NR            |
| 460    | 58321         | NR            | 590    | 114359        | NR            | 720    | 7897          | NR            | 850    | 3579          | NR            | 980    | 6122          | NR            |
| 465    | 39318         | NR            | 595    | 109974        | NR            | 725    | 7045          | NR            | 855    | 4571          | NR            | 985    | 6450          | NR            |
| 470    | 27693         | NR            | 600    | 105269        | NR            | 730    | 6483          | NR            | 860    | 4485          | NR            | 990    | 4875          | NR            |
| 475    | 23081         | NR            | 605    | 99453         | NR            | 735    | 5838          | NR            | 865    | 3978          | NR            | 995    | 4764          | NR            |
| 480    | 23002         | NR            | 610    | 92921         | NR            | 740    | 5261          | NR            | 870    | 4298          | NR            | 1000   | 3640          | NR            |
| 485    | 26201         | NR            | 615    | 86989         | NR            | 745    | 4760          | NR            | 875    | 4356          | NR            |        |               |               |

REPORT NUMBER: SP1-1908-441-9-R4

**Melanopic Flux vs. Wavelength**



**Melanopic Lumens: 5527.6 M/P: 0.74**

| λ (nm) | Power (µW/nm) | Lumens (φ/nm) | λ (nm) | Power (µW/nm) | Lumens (φ/nm) | λ (nm) | Power (µW/nm) | Lumens (φ/nm) | λ (nm) | Power (µW/nm) | Lumens (φ/nm) | λ (nm) | Power (µW/nm) | Lumens (φ/nm) |
|--------|---------------|---------------|--------|---------------|---------------|--------|---------------|---------------|--------|---------------|---------------|--------|---------------|---------------|
| 360    | 3540          | NR            | 490    | 33363         | NR            | 620    | 80193         | NR            | 750    | 4663          | NR            | 880    | 4678          | NR            |
| 365    | 2862          | NR            | 495    | 44177         | NR            | 625    | 73091         | NR            | 755    | 4147          | NR            | 885    | 4128          | NR            |
| 370    | 2865          | NR            | 500    | 57019         | NR            | 630    | 66269         | NR            | 760    | 4040          | NR            | 890    | 4504          | NR            |
| 375    | 3254          | NR            | 505    | 70030         | NR            | 635    | 60012         | NR            | 765    | 3474          | NR            | 895    | 4371          | NR            |
| 380    | 3076          | NR            | 510    | 81972         | NR            | 640    | 53914         | NR            | 770    | 3469          | NR            | 900    | 4082          | NR            |
| 385    | 2904          | NR            | 515    | 92590         | NR            | 645    | 48385         | NR            | 775    | 3181          | NR            | 905    | 2982          | NR            |
| 390    | 2689          | NR            | 520    | 100305        | NR            | 650    | 43219         | NR            | 780    | 2969          | NR            | 910    | 4351          | NR            |
| 395    | 2619          | NR            | 525    | 107452        | NR            | 655    | 38562         | NR            | 785    | 3132          | NR            | 915    | 3365          | NR            |
| 400    | 2679          | NR            | 530    | 111373        | NR            | 660    | 34110         | NR            | 790    | 2507          | NR            | 920    | 3430          | NR            |
| 405    | 3515          | NR            | 535    | 114505        | NR            | 665    | 30085         | NR            | 795    | 2968          | NR            | 925    | 4264          | NR            |
| 410    | 6934          | NR            | 540    | 116408        | NR            | 670    | 26205         | NR            | 800    | 2758          | NR            | 930    | 4095          | NR            |
| 415    | 14943         | NR            | 545    | 118700        | NR            | 675    | 22906         | NR            | 805    | 2872          | NR            | 935    | 5048          | NR            |
| 420    | 31939         | NR            | 550    | 119209        | NR            | 680    | 20058         | NR            | 810    | 3094          | NR            | 940    | 4074          | NR            |
| 425    | 64701         | NR            | 555    | 120742        | NR            | 685    | 17413         | NR            | 815    | 3222          | NR            | 945    | 4949          | NR            |
| 430    | 110939        | NR            | 560    | 121594        | NR            | 690    | 15447         | NR            | 820    | 3238          | NR            | 950    | 4387          | NR            |
| 435    | 164597        | NR            | 565    | 121913        | NR            | 695    | 13398         | NR            | 825    | 3524          | NR            | 955    | 4978          | NR            |
| 440    | 207696        | NR            | 570    | 122147        | NR            | 700    | 11777         | NR            | 830    | 2921          | NR            | 960    | 4706          | NR            |
| 445    | 201830        | NR            | 575    | 121605        | NR            | 705    | 10412         | NR            | 835    | 3595          | NR            | 965    | 5083          | NR            |
| 450    | 145410        | NR            | 580    | 120248        | NR            | 710    | 9544          | NR            | 840    | 3016          | NR            | 970    | 4522          | NR            |
| 455    | 89594         | NR            | 585    | 117717        | NR            | 715    | 8940          | NR            | 845    | 4032          | NR            | 975    | 4740          | NR            |
| 460    | 58321         | NR            | 590    | 114359        | NR            | 720    | 7897          | NR            | 850    | 3579          | NR            | 980    | 6122          | NR            |
| 465    | 39318         | NR            | 595    | 109974        | NR            | 725    | 7045          | NR            | 855    | 4571          | NR            | 985    | 6450          | NR            |
| 470    | 27693         | NR            | 600    | 105269        | NR            | 730    | 6483          | NR            | 860    | 4485          | NR            | 990    | 4875          | NR            |
| 475    | 23081         | NR            | 605    | 99453         | NR            | 735    | 5838          | NR            | 865    | 3978          | NR            | 995    | 4764          | NR            |
| 480    | 23002         | NR            | 610    | 92921         | NR            | 740    | 5261          | NR            | 870    | 4298          | NR            | 1000   | 3640          | NR            |
| 485    | 26201         | NR            | 615    | 86989         | NR            | 745    | 4760          | NR            | 875    | 4356          | NR            |        |               |               |

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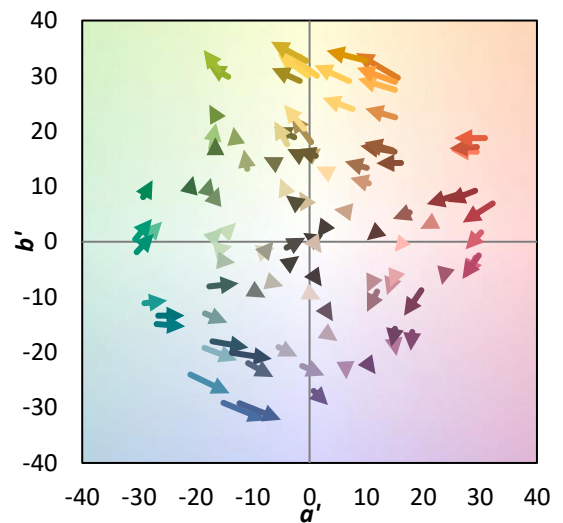
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**Summary**

$R_f = 72.1$   
 $R_g = 97.2$   
 CIE  $R_a = 71.7$   
 $R_g = -27.1$



**Color Vector Graphics**



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**Individual Sample Fidelity Index ( $R_{f,i}$ )**

|            |            |            |            |
|------------|------------|------------|------------|
| CES01 = 85 | CES26 = 54 | CES51 = 88 | CES76 = 43 |
| CES02 = 59 | CES27 = 79 | CES52 = 90 | CES77 = 64 |
| CES03 = 30 | CES28 = 77 | CES53 = 77 | CES78 = 46 |
| CES04 = 69 | CES29 = 50 | CES54 = 81 | CES79 = 74 |
| CES05 = 46 | CES30 = 59 | CES55 = 80 | CES80 = 70 |
| CES06 = 50 | CES31 = 55 | CES56 = 70 | CES81 = 71 |
| CES07 = 38 | CES32 = 52 | CES57 = 68 | CES82 = 88 |
| CES08 = 38 | CES33 = 63 | CES58 = 70 | CES83 = 82 |
| CES09 = 29 | CES34 = 63 | CES59 = 88 | CES84 = 87 |
| CES10 = 72 | CES35 = 79 | CES60 = 92 | CES85 = 84 |
| CES11 = 55 | CES36 = 90 | CES61 = 88 | CES86 = 76 |
| CES12 = 61 | CES37 = 72 | CES62 = 81 | CES87 = 75 |
| CES13 = 41 | CES38 = 68 | CES63 = 75 | CES88 = 77 |
| CES14 = 74 | CES39 = 91 | CES64 = 72 | CES89 = 76 |
| CES15 = 70 | CES40 = 83 | CES65 = 65 | CES90 = 76 |
| CES16 = 46 | CES41 = 84 | CES66 = 66 | CES91 = 92 |
| CES17 = 48 | CES42 = 70 | CES67 = 64 | CES92 = 70 |
| CES18 = 55 | CES43 = 69 | CES68 = 71 | CES93 = 83 |
| CES19 = 70 | CES44 = 98 | CES69 = 80 | CES94 = 60 |
| CES20 = 64 | CES45 = 79 | CES70 = 58 | CES95 = 73 |
| CES21 = 85 | CES46 = 78 | CES71 = 55 | CES96 = 79 |
| CES22 = 77 | CES47 = 76 | CES72 = 84 | CES97 = 84 |
| CES23 = 91 | CES48 = 68 | CES73 = 47 | CES98 = 73 |
| CES24 = 90 | CES49 = 78 | CES74 = 94 | CES99 = 62 |
| CES25 = 71 | CES50 = 87 | CES75 = 51 |            |



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Color Rendition by Hue-Angle Bin



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Measure Comparisons



(END OF REPORT)