

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: P320443

Luminaire Tested: **GLEON-SA9B-827-U-SLL**

Issue Date: 3/3/2020

### Test Information

Test Method: LM-79-08  
Report Number: P320443  
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-SA9B-827-U-SLL  
Description: GALLEON AREA AND ROADWAY LUMINAIRE  
(9) 80 CRI, 2700K, 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: 33005 lumens  
Efficiency: N/A  
Efficacy: 88.2 lumens/watt  
Luminous Opening: Rectangular (W 2.5' x L: 1' x H: 0')  
IES Classification: Type III - Medium  
BUG Rating: B3 - U0 - G5

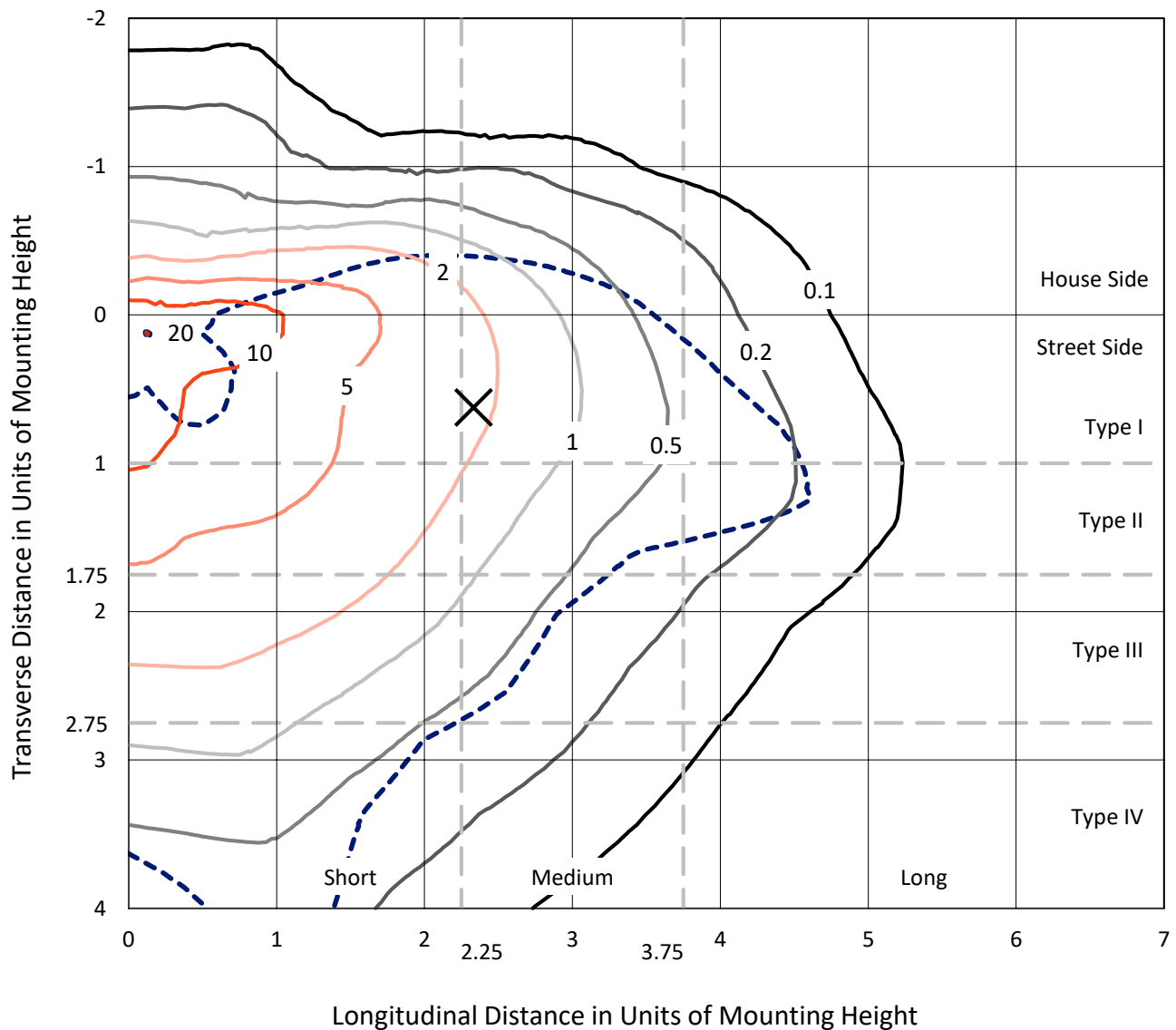
Input Watts (W): 374  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT



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## Iso-Footcandle Lines of Horizontal Illumination

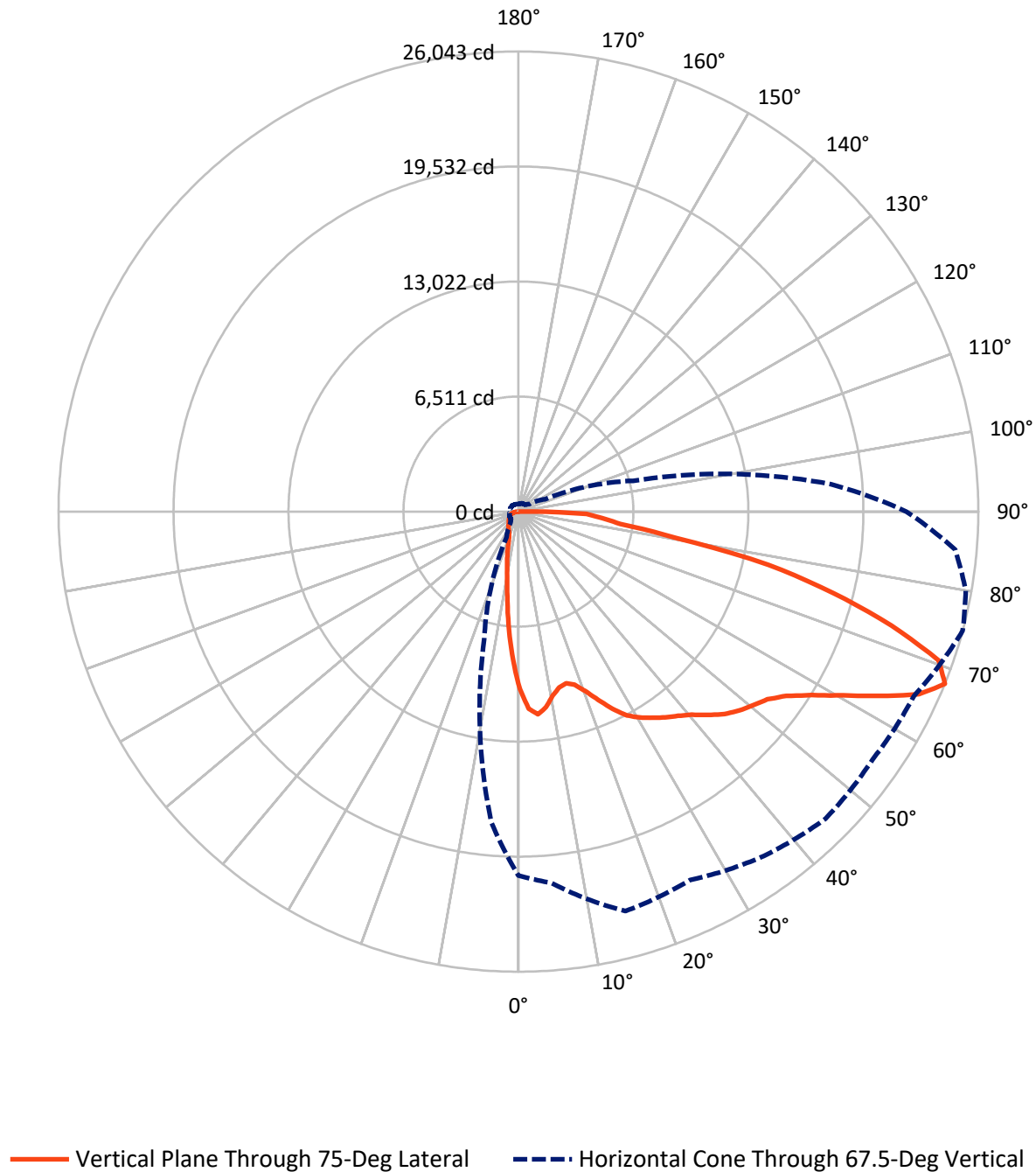
✕ Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 20.2 fc  
 Type III - Medium - N/A

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## Luminous Intensity Polar Plot



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CATALOG NUMBER: GLEON-SA9B-827-U-SLL

**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total   |
|--------------------|-----------|----------|--------|---------|
| <b>House Side</b>  | Lumens    | 5813.0   | 0.0    | 5813.0  |
|                    | % Fixture | 17.6     | 0.0    | 17.6    |
| <b>Street Side</b> | Lumens    | 27192.0  | 0.0    | 27192.0 |
|                    | % Fixture | 82.4     | 0.0    | 82.4    |
| <b>Total</b>       | Lumens    | 33005.0  | 0.0    | 33005.0 |
|                    | % Fixture | 100.0    | 0.0    | 100.0   |

**ZONAL LUMENS:**

| Zone      | Lumens  | % Fixture |
|-----------|---------|-----------|
| 0°-10°    | 776.0   | 2.4       |
| 10°-20°   | 1612.1  | 4.9       |
| 20°-30°   | 2292.8  | 6.9       |
| 30°-40°   | 3303.9  | 10.0      |
| 40°-50°   | 4656.1  | 14.1      |
| 50°-60°   | 6472.8  | 19.6      |
| 60°-70°   | 7827.6  | 23.7      |
| 70°-80°   | 4811.5  | 14.6      |
| 80°-90°   | 1252.0  | 3.8       |
| 90°-100°  | 0.0     | 0.0       |
| 100°-110° | 0.0     | 0.0       |
| 110°-120° | 0.0     | 0.0       |
| 120°-130° | 0.0     | 0.0       |
| 130°-140° | 0.0     | 0.0       |
| 140°-150° | 0.0     | 0.0       |
| 150°-160° | 0.0     | 0.0       |
| 160°-170° | 0.0     | 0.0       |
| 170°-180° | 0.0     | 0.0       |
| 0°-90°    | 33005.0 | 100.0     |
| 0°-180°   | 33005.0 | 100.0     |

**Coefficient of Utilization**



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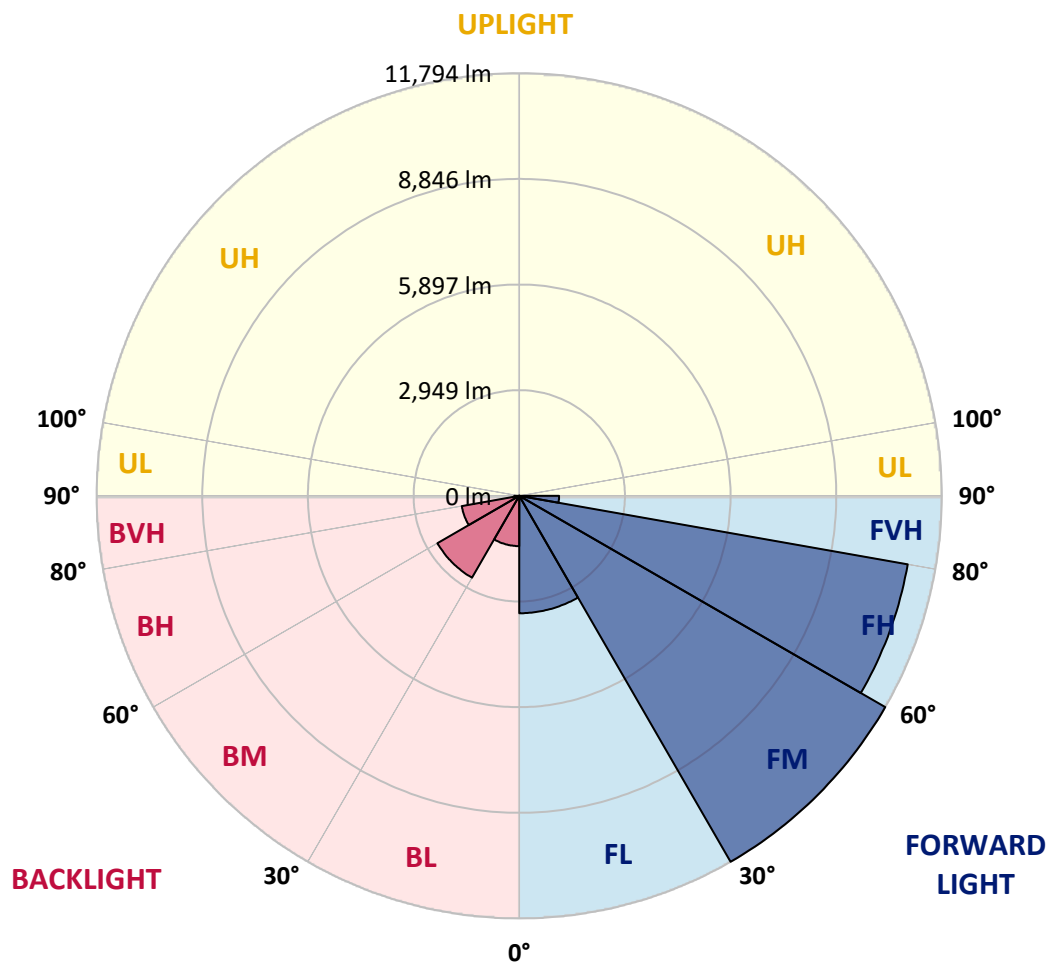
CATALOG NUMBER: GLEON-SA9B-827-U-SLL

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

| Zone |             | Lumens  | % Fixture | Zone Rating/Lumen Limit |      |          |
|------|-------------|---------|-----------|-------------------------|------|----------|
|      |             |         |           | B                       | U    | G        |
| FL   | (0°-30°)    | 3277.1  | 9.9       |                         |      |          |
| FM   | (30°-60°)   | 11794.2 | 35.7      |                         |      |          |
| FH   | (60°-80°)   | 11009.4 | 33.4      |                         |      | G4/12000 |
| FVH  | (80°-90°)   | 1111.4  | 3.4       |                         |      | G5       |
| BL   | (0°-30°)    | 1403.9  | 4.3       | B3/2500                 |      |          |
| BM   | (30°-60°)   | 2638.7  | 8.0       | B3/5000                 |      |          |
| BH   | (60°-80°)   | 1629.8  | 4.9       | B3/2500                 |      | G3/2500  |
| BVH  | (80°-90°)   | 140.7   | 0.4       |                         |      | G2/225   |
| UL   | (90°-100°)  | 0.0     | 0.0       |                         | U0/0 |          |
| UH   | (100°-180°) | 0.0     | 0.0       |                         | U0/0 |          |

**BUG Rating: B3-U0-G5**

Type III Medium





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**CANDELA DISTRIBUTION (FULL):**

|        | 0°      | 5°      | 10°     | 15°     | 20°     | 25°     | 30°     | 35°     | 40°     | 45°     | 50°     |
|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0°     | 10055.1 | 10055.1 | 10055.1 | 10055.1 | 10055.1 | 10055.1 | 10055.1 | 10055.1 | 10055.1 | 10055.1 | 10055.1 |
| 2.5°   | 10717.6 | 10858.7 | 10956.4 | 11052.7 | 11127.9 | 11201.8 | 11310.0 | 11418.2 | 11439.4 | 11459.2 | 11416.9 |
| 5°     | 10654.2 | 10998.6 | 11291.6 | 11583.2 | 11853.7 | 12124.2 | 12286.5 | 12448.8 | 12481.8 | 12514.8 | 12413.2 |
| 7.5°   | 9972.0  | 10480.0 | 10988.1 | 11496.1 | 11961.9 | 12427.7 | 12711.4 | 12993.8 | 13058.5 | 13121.8 | 12955.5 |
| 10°    | 9196.1  | 9787.3  | 10411.4 | 11035.6 | 11649.2 | 12262.8 | 12673.2 | 13083.5 | 13165.4 | 13247.2 | 13040.0 |
| 12.5°  | 8606.2  | 9251.5  | 9917.9  | 10584.3 | 11232.2 | 11878.8 | 12303.7 | 12728.6 | 12830.2 | 12931.8 | 12781.4 |
| 15°    | 8379.3  | 9086.6  | 9713.4  | 10340.2 | 10904.9 | 11468.4 | 11816.8 | 12163.8 | 12206.0 | 12246.9 | 12223.2 |
| 17.5°  | 8606.2  | 9386.1  | 9953.5  | 10519.6 | 10827.1 | 11133.2 | 11273.1 | 11411.6 | 11457.8 | 11502.7 | 11563.4 |
| 20°    | 9270.0  | 10111.9 | 10511.7 | 10910.2 | 10897.0 | 10882.5 | 10815.2 | 10746.6 | 10734.7 | 10722.8 | 10894.4 |
| 22.5°  | 10217.4 | 11195.2 | 11354.9 | 11513.3 | 11142.5 | 10771.7 | 10546.0 | 10319.0 | 10274.2 | 10228.0 | 10410.1 |
| 25°    | 11329.8 | 12371.0 | 12341.9 | 12311.6 | 11605.6 | 10898.3 | 10468.2 | 10038.0 | 9987.8  | 9937.7  | 10093.4 |
| 27.5°  | 12539.9 | 13534.8 | 13344.8 | 13154.8 | 12195.5 | 11236.1 | 10612.0 | 9987.8  | 9937.7  | 9887.5  | 10024.8 |
| 30°    | 13486.0 | 14388.6 | 14083.8 | 13779.0 | 12692.9 | 11606.9 | 10865.3 | 10123.7 | 10041.9 | 9958.8  | 10127.7 |
| 32.5°  | 14287.0 | 15055.0 | 14645.9 | 14236.8 | 13096.7 | 11956.6 | 11154.3 | 10352.0 | 10224.0 | 10096.0 | 10321.7 |
| 35°    | 15121.0 | 15720.0 | 15144.7 | 14568.1 | 13457.0 | 12344.6 | 11496.1 | 10646.3 | 10489.3 | 10332.2 | 10642.3 |
| 37.5°  | 16059.2 | 16556.7 | 15730.6 | 14903.2 | 13862.1 | 12820.9 | 12008.1 | 11193.9 | 11032.9 | 10871.9 | 11267.8 |
| 40°    | 17050.2 | 17464.5 | 16362.7 | 15260.8 | 14305.5 | 13350.1 | 12716.7 | 12082.0 | 11928.9 | 11774.5 | 12254.9 |
| 42.5°  | 17917.1 | 18219.3 | 16951.2 | 15683.1 | 14839.9 | 13995.4 | 13549.4 | 13102.0 | 13100.7 | 13098.1 | 13585.0 |
| 45°    | 18570.3 | 18832.9 | 17442.1 | 16049.9 | 15361.1 | 14671.0 | 14438.7 | 14206.5 | 14392.6 | 14578.6 | 15019.4 |
| 47.5°  | 19112.7 | 19290.8 | 17853.8 | 16415.5 | 15957.6 | 15499.7 | 15534.0 | 15568.3 | 15947.0 | 16325.7 | 16609.4 |
| 50°    | 19732.9 | 19589.0 | 18227.2 | 16864.1 | 16722.9 | 16581.7 | 16890.5 | 17198.0 | 17633.4 | 18067.6 | 18260.2 |
| 52.5°  | 20404.5 | 20023.2 | 18733.9 | 17443.4 | 17601.8 | 17760.1 | 18388.2 | 19016.3 | 19455.7 | 19895.2 | 19967.7 |
| 55°    | 21611.9 | 21027.4 | 19665.6 | 18302.4 | 18607.3 | 18910.8 | 19833.1 | 20754.2 | 21097.3 | 21440.4 | 21466.8 |
| 57.5°  | 22972.4 | 22453.8 | 20970.6 | 19487.4 | 19814.7 | 20141.9 | 21206.8 | 22270.4 | 22641.2 | 23010.7 | 22959.2 |
| 60°    | 23496.3 | 23521.3 | 22209.7 | 20896.7 | 21226.6 | 21556.5 | 22593.7 | 23630.9 | 24057.1 | 24482.0 | 24368.5 |
| 62.5°  | 22968.4 | 23587.3 | 22886.6 | 22184.6 | 22484.2 | 22782.4 | 23798.5 | 24814.5 | 25251.3 | 25688.1 | 25490.1 |
| 65°    | 21924.7 | 22538.3 | 22852.3 | 23166.4 | 23265.3 | 23364.3 | 24313.1 | 25260.5 | 25595.7 | 25929.6 | 25829.3 |
| 67.5°  | 20597.2 | 21093.3 | 22251.9 | 23409.2 | 23209.9 | 23010.7 | 23455.4 | 23900.1 | 24244.5 | 24588.9 | 24532.1 |
| 70°    | 19059.9 | 19651.0 | 21196.3 | 22741.5 | 21762.4 | 20781.9 | 20598.5 | 20415.1 | 20787.2 | 21158.0 | 20928.4 |
| 72.5°  | 16303.3 | 17195.3 | 18843.5 | 20490.3 | 18686.4 | 16882.6 | 16255.8 | 15629.0 | 16100.1 | 16571.2 | 16205.6 |
| 75°    | 12314.2 | 13497.9 | 15318.9 | 17138.6 | 14986.4 | 12834.1 | 11997.5 | 11160.9 | 11566.0 | 11971.1 | 11720.4 |
| 77.5°  | 8564.0  | 10048.5 | 11841.8 | 13635.1 | 11447.3 | 9258.1  | 8636.6  | 8013.8  | 8135.2  | 8255.2  | 8213.0  |
| 80°    | 5839.1  | 6815.6  | 8066.5  | 9316.2  | 7859.4  | 6402.6  | 6451.4  | 6498.9  | 6442.1  | 6384.1  | 6468.5  |
| 82.5°  | 3661.8  | 4349.3  | 5315.2  | 6279.8  | 5506.6  | 4733.3  | 5176.7  | 5620.1  | 5402.3  | 5183.3  | 5265.1  |
| 85°    | 2062.5  | 2482.1  | 3426.9  | 4370.4  | 4073.5  | 3775.3  | 4035.2  | 4293.9  | 3956.1  | 3618.3  | 3767.4  |
| 87.5°  | 393.2   | 654.5   | 1896.2  | 3136.6  | 2847.6  | 2558.6  | 2223.5  | 1888.3  | 1441.0  | 993.6   | 1451.5  |
| 90°    | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 92.5°  | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 95°    | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 97.5°  | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 100°   | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 102.5° | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 105°   | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 107.5° | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 110°   | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |



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**CANDELA DISTRIBUTION (continued):**

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



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**CANDELA DISTRIBUTION (continued):**

|        | 55°     | 60°     | 65°     | 70°     | 75°     | 80°     | 85°     | 90°     | 95°     | 100°    | 105°    |
|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0°     | 10055.1 | 10055.1 | 10055.1 | 10055.1 | 10055.1 | 10055.1 | 10055.1 | 10055.1 | 10055.1 | 10055.1 | 10055.1 |
| 2.5°   | 11374.7 | 11352.3 | 11329.8 | 11249.3 | 11167.5 | 11046.1 | 10945.8 | 10771.7 | 10676.6 | 10532.8 | 10389.0 |
| 5°     | 12310.3 | 12167.8 | 12025.2 | 11779.8 | 11533.0 | 11258.6 | 10943.2 | 10593.5 | 10329.6 | 9986.5  | 9643.4  |
| 7.5°   | 12789.3 | 12456.7 | 12122.9 | 11651.8 | 11179.4 | 10754.5 | 10255.7 | 9791.2  | 9395.3  | 8949.3  | 8503.3  |
| 10°    | 12832.8 | 12334.0 | 11833.9 | 11221.6 | 10608.0 | 10092.1 | 9518.1  | 9002.1  | 8527.1  | 8015.1  | 7501.8  |
| 12.5°  | 12629.6 | 12099.1 | 11567.4 | 10893.1 | 10217.4 | 9631.5  | 9014.0  | 8436.0  | 7909.5  | 7346.0  | 6781.3  |
| 15°    | 12199.4 | 11775.8 | 11350.9 | 10718.9 | 10086.8 | 9495.6  | 8896.5  | 8211.7  | 7616.6  | 7039.9  | 6461.9  |
| 17.5°  | 11622.8 | 11422.2 | 11220.3 | 10763.7 | 10305.8 | 9793.9  | 9213.2  | 8409.6  | 7712.9  | 7086.1  | 6459.3  |
| 20°    | 11064.6 | 11138.5 | 11211.1 | 11029.0 | 10846.9 | 10436.5 | 9929.8  | 9027.2  | 8137.8  | 7318.3  | 6497.6  |
| 22.5°  | 10590.9 | 10945.8 | 11299.5 | 11440.7 | 11580.6 | 11333.8 | 10937.9 | 9894.1  | 8717.1  | 7646.9  | 6576.7  |
| 25°    | 10247.8 | 10836.3 | 11424.8 | 11894.6 | 12363.1 | 12253.5 | 11948.7 | 10947.2 | 9485.1  | 8120.6  | 6754.9  |
| 27.5°  | 10162.0 | 10883.8 | 11605.6 | 12334.0 | 13061.1 | 13162.7 | 13078.3 | 12056.9 | 10400.9 | 8709.2  | 7016.2  |
| 30°    | 10296.6 | 11027.7 | 11757.4 | 12644.1 | 13529.6 | 13934.7 | 14048.1 | 12981.9 | 11447.3 | 9395.3  | 7342.1  |
| 32.5°  | 10547.3 | 11263.9 | 11980.4 | 12946.3 | 13910.9 | 14523.2 | 14884.8 | 13827.8 | 12177.0 | 9912.6  | 7646.9  |
| 35°    | 10952.4 | 11622.8 | 12293.1 | 13298.6 | 14304.1 | 15095.9 | 15755.7 | 14701.3 | 12824.9 | 10274.2 | 7722.1  |
| 37.5°  | 11662.4 | 12239.0 | 12815.7 | 13744.6 | 14672.3 | 15698.9 | 16689.9 | 15663.3 | 13525.6 | 10622.5 | 7718.2  |
| 40°    | 12735.2 | 13142.9 | 13549.4 | 14334.5 | 15118.3 | 16410.2 | 17748.2 | 16736.1 | 14300.2 | 10999.9 | 7699.7  |
| 42.5°  | 14071.9 | 14281.7 | 14490.2 | 15111.7 | 15733.2 | 17153.1 | 18708.9 | 17785.2 | 15039.1 | 11350.9 | 7662.7  |
| 45°    | 15458.8 | 15514.2 | 15569.6 | 15961.5 | 16352.1 | 17741.6 | 19363.4 | 18573.0 | 15684.4 | 11655.8 | 7625.8  |
| 47.5°  | 16891.8 | 16701.8 | 16511.8 | 16667.5 | 16823.2 | 18192.9 | 19830.5 | 19170.7 | 16332.3 | 11993.6 | 7653.5  |
| 50°    | 18452.9 | 17923.7 | 17394.6 | 17312.8 | 17231.0 | 18644.2 | 20380.8 | 19930.8 | 17110.9 | 12485.8 | 7860.7  |
| 52.5°  | 20039.0 | 19166.8 | 18294.5 | 17971.2 | 17646.6 | 19182.6 | 21110.5 | 20876.9 | 18222.0 | 13248.5 | 8273.7  |
| 55°    | 21493.2 | 20383.4 | 19273.6 | 18838.2 | 18402.7 | 20006.0 | 22001.2 | 22266.4 | 19645.8 | 14223.7 | 8800.2  |
| 57.5°  | 22906.4 | 21648.9 | 20391.3 | 19987.5 | 19583.7 | 21216.1 | 23129.4 | 23513.4 | 21084.1 | 15159.2 | 9233.0  |
| 60°    | 24255.0 | 23010.7 | 21765.0 | 21441.7 | 21117.1 | 22720.4 | 24348.7 | 24069.0 | 21825.7 | 15597.3 | 9367.6  |
| 62.5°  | 25292.2 | 24302.5 | 23312.9 | 23142.6 | 22971.1 | 24241.8 | 25285.6 | 23852.6 | 21354.6 | 15165.8 | 8977.0  |
| 65°    | 25729.0 | 25165.5 | 24600.8 | 24760.4 | 24918.8 | 25392.5 | 25519.2 | 23219.2 | 19874.1 | 13957.1 | 8040.1  |
| 67.5°  | 24474.1 | 24588.9 | 24703.7 | 25374.0 | 26043.0 | 25717.1 | 24825.1 | 21970.9 | 17766.7 | 12244.3 | 6721.9  |
| 70°    | 20697.5 | 21386.3 | 22073.8 | 23659.9 | 25244.7 | 24521.6 | 22965.8 | 19730.2 | 15230.5 | 10271.5 | 5311.3  |
| 72.5°  | 15838.8 | 16613.4 | 17386.7 | 19740.8 | 22093.6 | 21427.2 | 19521.7 | 16205.6 | 12211.3 | 8202.5  | 4192.3  |
| 75°    | 11468.4 | 12343.3 | 13216.8 | 15813.7 | 18410.6 | 17485.6 | 14602.4 | 11603.0 | 9275.3  | 6261.4  | 3246.1  |
| 77.5°  | 8169.5  | 8755.4  | 9341.2  | 11906.5 | 14470.4 | 12963.5 | 9720.0  | 7807.9  | 6419.7  | 4351.9  | 2282.9  |
| 80°    | 6553.0  | 6373.5  | 6194.1  | 7623.2  | 9052.3  | 8801.5  | 6428.9  | 5014.4  | 4443.0  | 2916.3  | 1389.5  |
| 82.5°  | 5345.6  | 4907.5  | 4469.4  | 5142.4  | 5815.3  | 5778.4  | 4461.5  | 3679.0  | 3306.8  | 2026.9  | 746.9   |
| 85°    | 3915.2  | 3739.7  | 3564.2  | 4159.3  | 4754.4  | 4246.4  | 3021.8  | 2338.3  | 2578.4  | 1492.4  | 406.4   |
| 87.5°  | 1909.4  | 2181.3  | 2451.8  | 3153.8  | 3854.5  | 2893.8  | 917.1   | 453.9   | 628.1   | 413.0   | 196.6   |
| 90°    | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 92.5°  | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 95°    | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 97.5°  | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 100°   | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 102.5° | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 105°   | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 107.5° | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 110°   | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |



REPORT NUMBER: P320443  
 CATALOG NUMBER: GLEON-SA9B-827-U-SLL

**CANDELA DISTRIBUTION (continued):**

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

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CATALOG NUMBER: GLEON-SA9B-827-U-SLL

**CANDELA DISTRIBUTION (continued):**

|        | 110°    | 115°    | 120°    | 125°    | 130°    | 135°    | 140°    | 145°    | 150°    | 155°    | 160°    |
|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0°     | 10055.1 | 10055.1 | 10055.1 | 10055.1 | 10055.1 | 10055.1 | 10055.1 | 10055.1 | 10055.1 | 10055.1 | 10055.1 |
| 2.5°   | 10282.1 | 10173.9 | 10051.2 | 9928.4  | 9788.6  | 9647.4  | 9564.2  | 9479.8  | 9388.7  | 9297.7  | 9194.8  |
| 5°     | 9416.5  | 9189.5  | 8932.2  | 8674.9  | 8420.2  | 8165.5  | 8028.3  | 7891.0  | 7745.9  | 7599.4  | 7472.7  |
| 7.5°   | 8173.4  | 7842.2  | 7485.9  | 7128.3  | 6811.6  | 6493.6  | 6297.0  | 6099.1  | 5919.6  | 5738.8  | 5587.1  |
| 10°    | 7079.5  | 6657.2  | 6299.6  | 5940.7  | 5701.9  | 5463.0  | 5282.2  | 5101.5  | 4927.3  | 4751.8  | 4584.2  |
| 12.5°  | 6359.0  | 5936.7  | 5709.8  | 5482.8  | 5284.9  | 5086.9  | 4878.5  | 4668.6  | 4429.8  | 4189.6  | 4014.1  |
| 15°    | 6077.9  | 5693.9  | 5441.9  | 5188.6  | 4923.3  | 4656.8  | 4400.8  | 4144.8  | 3862.4  | 3580.0  | 3380.7  |
| 17.5°  | 5956.5  | 5453.8  | 5101.5  | 4747.8  | 4398.1  | 4048.4  | 3751.5  | 3454.6  | 3145.9  | 2837.1  | 2635.2  |
| 20°    | 5828.5  | 5159.5  | 4687.1  | 4213.4  | 3764.7  | 3316.1  | 2979.6  | 2643.1  | 2367.3  | 2091.5  | 1937.1  |
| 22.5°  | 5712.4  | 4846.8  | 4254.3  | 3660.5  | 3130.0  | 2599.6  | 2269.7  | 1938.4  | 1769.5  | 1600.6  | 1538.6  |
| 25°    | 5664.9  | 4573.6  | 3845.2  | 3116.8  | 2557.3  | 1996.5  | 1761.6  | 1526.7  | 1462.1  | 1396.1  | 1364.4  |
| 27.5°  | 5672.8  | 4329.5  | 3500.8  | 2670.8  | 2166.7  | 1662.7  | 1501.7  | 1340.7  | 1301.1  | 1260.2  | 1240.4  |
| 30°    | 5703.2  | 4064.3  | 3176.2  | 2288.1  | 1872.5  | 1456.8  | 1352.6  | 1247.0  | 1204.8  | 1162.5  | 1137.5  |
| 32.5°  | 5737.5  | 3826.8  | 2925.5  | 2022.9  | 1683.8  | 1343.3  | 1257.6  | 1170.5  | 1129.6  | 1088.6  | 1063.6  |
| 35°    | 5678.1  | 3632.8  | 2753.9  | 1875.1  | 1562.4  | 1248.3  | 1175.7  | 1101.8  | 1057.0  | 1012.1  | 988.4   |
| 37.5°  | 5577.8  | 3437.5  | 2620.7  | 1802.5  | 1483.2  | 1162.5  | 1109.8  | 1055.7  | 1009.5  | 962.0   | 939.5   |
| 40°    | 5486.8  | 3272.5  | 2521.7  | 1769.5  | 1439.7  | 1108.4  | 1063.6  | 1018.7  | 971.2   | 922.4   | 896.0   |
| 42.5°  | 5412.9  | 3161.7  | 2424.1  | 1686.4  | 1400.1  | 1112.4  | 1049.1  | 984.4   | 938.2   | 892.0   | 863.0   |
| 45°    | 5357.5  | 3089.1  | 2347.5  | 1605.9  | 1363.1  | 1120.3  | 1039.8  | 959.3   | 913.1   | 865.6   | 831.3   |
| 47.5°  | 5352.2  | 3050.8  | 2293.4  | 1536.0  | 1293.2  | 1049.1  | 1016.1  | 983.1   | 915.8   | 847.2   | 807.6   |
| 50°    | 5424.8  | 2988.8  | 2230.1  | 1470.0  | 1225.9  | 981.8   | 1026.6  | 1070.2  | 955.4   | 839.2   | 789.1   |
| 52.5°  | 5576.5  | 2879.3  | 2129.8  | 1380.3  | 1144.1  | 906.5   | 976.5   | 1045.1  | 946.1   | 845.8   | 781.2   |
| 55°    | 5759.9  | 2718.3  | 1978.0  | 1236.4  | 1035.9  | 834.0   | 896.0   | 956.7   | 894.7   | 831.3   | 753.5   |
| 57.5°  | 5874.7  | 2515.1  | 1786.7  | 1058.3  | 914.5   | 770.6   | 806.3   | 840.6   | 815.5   | 790.4   | 711.2   |
| 60°    | 5806.1  | 2244.6  | 1571.6  | 897.3   | 807.6   | 717.8   | 711.2   | 703.3   | 740.3   | 777.2   | 686.2   |
| 62.5°  | 5470.9  | 1964.8  | 1381.6  | 798.3   | 731.0   | 662.4   | 647.9   | 632.1   | 692.8   | 752.2   | 655.8   |
| 65°    | 4904.8  | 1769.5  | 1261.5  | 753.5   | 678.3   | 603.0   | 587.2   | 571.4   | 589.8   | 608.3   | 563.5   |
| 67.5°  | 4185.7  | 1649.5  | 1192.9  | 736.3   | 645.3   | 552.9   | 534.4   | 516.0   | 512.0   | 508.0   | 492.2   |
| 70°    | 3444.1  | 1575.6  | 1148.0  | 720.5   | 609.6   | 497.5   | 480.3   | 463.2   | 457.9   | 451.3   | 439.4   |
| 72.5°  | 2879.3  | 1566.3  | 1142.7  | 719.2   | 580.6   | 442.1   | 426.2   | 410.4   | 403.8   | 395.9   | 386.6   |
| 75°    | 2358.1  | 1470.0  | 1084.7  | 699.4   | 541.0   | 381.4   | 366.8   | 352.3   | 347.0   | 340.4   | 332.5   |
| 77.5°  | 1749.8  | 1216.6  | 911.8   | 607.0   | 463.2   | 319.3   | 304.8   | 289.0   | 287.7   | 285.0   | 278.4   |
| 80°    | 1134.8  | 880.2   | 651.9   | 423.6   | 337.8   | 250.7   | 238.8   | 225.6   | 227.0   | 228.3   | 223.0   |
| 82.5°  | 630.8   | 513.3   | 398.5   | 283.7   | 230.9   | 178.1   | 172.9   | 166.3   | 170.2   | 172.9   | 166.3   |
| 85°    | 332.5   | 258.6   | 213.8   | 168.9   | 133.3   | 97.6    | 97.6    | 96.3    | 101.6   | 106.9   | 101.6   |
| 87.5°  | 143.8   | 91.1    | 77.9    | 63.3    | 35.6    | 6.6     | 7.9     | 7.9     | 10.6    | 13.2    | 11.9    |
| 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: P320443  
 CATALOG NUMBER: GLEON-SA9B-827-U-SLL

**CANDELA DISTRIBUTION (continued):**

|        | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|--------|------|------|------|------|------|------|------|------|------|------|------|
| 112.5° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 115°   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 117.5° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 120°   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 122.5° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 125°   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 127.5° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 130°   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 132.5° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 135°   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 137.5° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 140°   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 142.5° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 145°   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 147.5° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 150°   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 152.5° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 155°   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 157.5° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 160°   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 162.5° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 165°   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 167.5° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 170°   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 172.5° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 175°   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 177.5° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 180°   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |



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CATALOG NUMBER: GLEON-SA9B-827-U-SLL

**CANDELA DISTRIBUTION (continued):**

|        | 165°    | 170°    | 175°    | 180°    | 185°    | 190°    | 195°    | 200°    | 205°    | 210°    | 215°    |
|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0°     | 10055.1 | 10055.1 | 10055.1 | 10055.1 | 10055.1 | 10055.1 | 10055.1 | 10055.1 | 10055.1 | 10055.1 | 10055.1 |
| 2.5°   | 9090.5  | 8994.2  | 8896.5  | 8789.7  | 8809.5  | 8727.6  | 8645.8  | 8594.4  | 8542.9  | 8527.1  | 8511.2  |
| 5°     | 7346.0  | 7236.5  | 7125.7  | 7026.7  | 7112.5  | 7054.4  | 6996.4  | 6988.4  | 6979.2  | 6979.2  | 6977.9  |
| 7.5°   | 5435.3  | 5317.9  | 5199.1  | 5117.3  | 5201.7  | 5191.2  | 5180.6  | 5237.4  | 5294.1  | 5340.3  | 5385.2  |
| 10°    | 4416.6  | 4274.1  | 4130.3  | 4008.9  | 3987.7  | 3927.0  | 3865.0  | 3878.2  | 3890.1  | 3940.2  | 3990.4  |
| 12.5°  | 3838.6  | 3668.4  | 3498.2  | 3355.7  | 3291.0  | 3190.7  | 3089.1  | 3025.8  | 2962.4  | 2969.0  | 2974.3  |
| 15°    | 3180.2  | 3015.2  | 2849.0  | 2726.2  | 2685.3  | 2607.5  | 2529.6  | 2450.4  | 2369.9  | 2337.0  | 2302.7  |
| 17.5°  | 2432.0  | 2300.0  | 2166.7  | 2084.9  | 2084.9  | 2062.5  | 2040.1  | 2000.5  | 1959.6  | 1926.6  | 1892.3  |
| 20°    | 1782.7  | 1712.8  | 1641.5  | 1607.2  | 1617.8  | 1619.1  | 1619.1  | 1638.9  | 1658.7  | 1648.1  | 1637.6  |
| 22.5°  | 1475.3  | 1450.2  | 1425.1  | 1410.6  | 1415.9  | 1417.2  | 1418.5  | 1437.0  | 1454.2  | 1467.4  | 1479.2  |
| 25°    | 1331.4  | 1315.6  | 1299.8  | 1294.5  | 1306.4  | 1307.7  | 1307.7  | 1319.6  | 1331.4  | 1344.6  | 1357.8  |
| 27.5°  | 1219.3  | 1212.7  | 1206.1  | 1196.9  | 1208.7  | 1208.7  | 1207.4  | 1220.6  | 1232.5  | 1244.4  | 1254.9  |
| 30°    | 1112.4  | 1115.0  | 1116.4  | 1113.7  | 1121.6  | 1126.9  | 1130.9  | 1140.1  | 1148.0  | 1157.3  | 1166.5  |
| 32.5°  | 1037.2  | 1033.2  | 1029.3  | 1026.6  | 1043.8  | 1053.0  | 1062.3  | 1071.5  | 1079.4  | 1083.4  | 1087.3  |
| 35°    | 964.6   | 955.4   | 946.1   | 939.5   | 955.4   | 967.2   | 979.1   | 996.3   | 1012.1  | 1014.7  | 1017.4  |
| 37.5°  | 915.8   | 903.9   | 892.0   | 884.1   | 890.7   | 896.0   | 901.3   | 919.7   | 938.2   | 948.8   | 958.0   |
| 40°    | 869.6   | 857.7   | 845.8   | 839.2   | 843.2   | 844.5   | 845.8   | 855.1   | 863.0   | 882.8   | 901.3   |
| 42.5°  | 832.6   | 818.1   | 803.6   | 795.7   | 798.3   | 801.0   | 802.3   | 801.0   | 799.7   | 818.1   | 836.6   |
| 45°    | 795.7   | 779.9   | 764.0   | 754.8   | 756.1   | 756.1   | 756.1   | 753.5   | 749.5   | 758.8   | 768.0   |
| 47.5°  | 766.7   | 748.2   | 729.7   | 720.5   | 717.8   | 715.2   | 712.6   | 711.2   | 708.6   | 715.2   | 720.5   |
| 50°    | 737.6   | 717.8   | 696.7   | 686.2   | 679.6   | 676.9   | 674.3   | 673.0   | 670.3   | 676.9   | 682.2   |
| 52.5°  | 715.2   | 691.5   | 667.7   | 650.5   | 644.0   | 640.0   | 636.0   | 637.4   | 637.4   | 640.0   | 641.3   |
| 55°    | 675.6   | 654.5   | 632.1   | 620.2   | 608.3   | 605.7   | 603.0   | 607.0   | 609.6   | 609.6   | 609.6   |
| 57.5°  | 632.1   | 612.3   | 591.2   | 583.3   | 572.7   | 572.7   | 571.4   | 576.7   | 580.6   | 583.3   | 585.9   |
| 60°    | 593.8   | 571.4   | 548.9   | 542.3   | 538.4   | 537.1   | 535.7   | 542.3   | 547.6   | 552.9   | 558.2   |
| 62.5°  | 558.2   | 534.4   | 510.7   | 502.8   | 501.4   | 502.8   | 502.8   | 509.4   | 514.6   | 519.9   | 525.2   |
| 65°    | 518.6   | 494.8   | 469.8   | 461.8   | 464.5   | 468.4   | 472.4   | 477.7   | 481.6   | 486.9   | 492.2   |
| 67.5°  | 475.0   | 455.3   | 434.1   | 426.2   | 427.5   | 432.8   | 438.1   | 442.1   | 444.7   | 450.0   | 455.3   |
| 70°    | 427.5   | 410.4   | 393.2   | 388.0   | 386.6   | 393.2   | 398.5   | 401.1   | 403.8   | 410.4   | 415.7   |
| 72.5°  | 376.1   | 361.6   | 347.0   | 343.1   | 344.4   | 348.4   | 352.3   | 356.3   | 358.9   | 365.5   | 370.8   |
| 75°    | 323.3   | 310.1   | 296.9   | 294.3   | 296.9   | 300.9   | 304.8   | 307.5   | 310.1   | 318.0   | 324.6   |
| 77.5°  | 271.8   | 257.3   | 241.5   | 240.2   | 244.1   | 248.1   | 250.7   | 254.7   | 258.6   | 269.2   | 279.7   |
| 80°    | 217.7   | 201.9   | 184.7   | 183.4   | 187.4   | 191.3   | 195.3   | 199.3   | 203.2   | 216.4   | 228.3   |
| 82.5°  | 159.7   | 141.2   | 122.7   | 120.1   | 133.3   | 137.2   | 141.2   | 147.8   | 153.1   | 164.9   | 176.8   |
| 85°    | 96.3    | 77.9    | 59.4    | 58.1    | 69.9    | 76.5    | 83.1    | 91.1    | 97.6    | 108.2   | 118.8   |
| 87.5°  | 10.6    | 5.3     | 0.0     | 0.0     | 1.3     | 6.6     | 11.9    | 18.5    | 25.1    | 35.6    | 44.9    |
| 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-SA9B-827-U-SLL

**CANDELA DISTRIBUTION (continued):**

|        | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|--------|------|------|------|------|------|------|------|------|------|------|------|
| 112.5° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 115°   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 117.5° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 120°   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 122.5° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 125°   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 127.5° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 130°   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 132.5° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 135°   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 137.5° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 140°   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 142.5° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 145°   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 147.5° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 150°   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 152.5° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 155°   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 157.5° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 160°   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 162.5° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 165°   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 167.5° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 170°   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 172.5° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 175°   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 177.5° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 180°   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |

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**CANDELA DISTRIBUTION (continued):**

|        | 220°    | 225°    | 230°    | 235°    | 240°    | 245°    | 250°    | 255°    | 260°    | 265°    | 270°    |
|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0°     | 10055.1 | 10055.1 | 10055.1 | 10055.1 | 10055.1 | 10055.1 | 10055.1 | 10055.1 | 10055.1 | 10055.1 | 10055.1 |
| 2.5°   | 8453.2  | 8393.8  | 8454.5  | 8513.9  | 8538.9  | 8564.0  | 8499.4  | 8433.4  | 8536.3  | 8637.9  | 8664.3  |
| 5°     | 6925.1  | 6871.0  | 6911.9  | 6951.5  | 6863.1  | 6774.7  | 6765.4  | 6754.9  | 6831.4  | 6908.0  | 6919.8  |
| 7.5°   | 5368.0  | 5350.9  | 5389.1  | 5427.4  | 5315.2  | 5201.7  | 5146.3  | 5090.9  | 5109.4  | 5127.9  | 5125.2  |
| 10°    | 4002.3  | 4012.8  | 4060.3  | 4106.5  | 4019.4  | 3932.3  | 3894.1  | 3855.8  | 3898.0  | 3938.9  | 3977.2  |
| 12.5°  | 2998.1  | 3020.5  | 3070.6  | 3119.5  | 3083.8  | 3046.9  | 3050.8  | 3054.8  | 3103.6  | 3151.1  | 3193.4  |
| 15°    | 2329.0  | 2355.4  | 2391.1  | 2425.4  | 2426.7  | 2426.7  | 2461.0  | 2494.0  | 2490.0  | 2486.1  | 2515.1  |
| 17.5°  | 1927.9  | 1962.2  | 1966.2  | 1970.1  | 1971.4  | 1972.8  | 1970.1  | 1967.5  | 1947.7  | 1927.9  | 1950.3  |
| 20°    | 1650.8  | 1662.7  | 1673.2  | 1682.5  | 1670.6  | 1657.4  | 1624.4  | 1591.4  | 1578.2  | 1565.0  | 1586.1  |
| 22.5°  | 1501.7  | 1522.8  | 1512.2  | 1500.4  | 1476.6  | 1451.5  | 1426.5  | 1400.1  | 1398.7  | 1396.1  | 1408.0  |
| 25°    | 1376.3  | 1393.5  | 1375.0  | 1356.5  | 1339.4  | 1322.2  | 1305.1  | 1287.9  | 1286.6  | 1285.3  | 1290.5  |
| 27.5°  | 1272.1  | 1287.9  | 1270.7  | 1253.6  | 1239.1  | 1224.6  | 1211.4  | 1198.2  | 1195.5  | 1192.9  | 1194.2  |
| 30°    | 1182.3  | 1196.9  | 1182.3  | 1166.5  | 1155.9  | 1144.1  | 1134.8  | 1125.6  | 1124.3  | 1123.0  | 1123.0  |
| 32.5°  | 1101.8  | 1116.4  | 1105.8  | 1095.2  | 1086.0  | 1076.8  | 1070.2  | 1063.6  | 1057.0  | 1050.4  | 1035.9  |
| 35°    | 1031.9  | 1046.4  | 1039.8  | 1031.9  | 1021.3  | 1010.8  | 998.9   | 985.7   | 968.6   | 950.1   | 942.2   |
| 37.5°  | 972.5   | 987.0   | 980.4   | 973.8   | 959.3   | 944.8   | 923.7   | 901.3   | 896.0   | 889.4   | 888.1   |
| 40°    | 925.0   | 947.5   | 934.3   | 919.7   | 897.3   | 874.9   | 864.3   | 853.8   | 851.1   | 848.5   | 845.8   |
| 42.5°  | 872.2   | 906.5   | 882.8   | 859.0   | 837.9   | 816.8   | 814.2   | 811.5   | 810.2   | 808.9   | 808.9   |
| 45°    | 806.3   | 843.2   | 819.5   | 794.4   | 782.5   | 770.6   | 770.6   | 770.6   | 771.9   | 771.9   | 774.6   |
| 47.5°  | 744.2   | 766.7   | 754.8   | 742.9   | 736.3   | 729.7   | 731.0   | 732.4   | 736.3   | 739.0   | 745.6   |
| 50°    | 691.5   | 699.4   | 702.0   | 703.3   | 699.4   | 695.4   | 698.1   | 699.4   | 703.3   | 706.0   | 711.2   |
| 52.5°  | 653.2   | 665.1   | 665.1   | 663.7   | 663.7   | 663.7   | 666.4   | 669.0   | 673.0   | 676.9   | 682.2   |
| 55°    | 628.1   | 645.3   | 640.0   | 634.7   | 636.0   | 636.0   | 638.7   | 641.3   | 645.3   | 647.9   | 655.8   |
| 57.5°  | 604.4   | 622.8   | 617.6   | 612.3   | 612.3   | 612.3   | 613.6   | 614.9   | 618.9   | 621.5   | 626.8   |
| 60°    | 576.7   | 595.1   | 589.8   | 583.3   | 584.6   | 585.9   | 587.2   | 587.2   | 589.8   | 591.2   | 591.2   |
| 62.5°  | 543.7   | 562.1   | 556.9   | 550.3   | 554.2   | 556.9   | 556.9   | 556.9   | 559.5   | 560.8   | 556.9   |
| 65°    | 509.4   | 526.5   | 521.2   | 516.0   | 521.2   | 525.2   | 527.8   | 529.1   | 527.8   | 526.5   | 522.5   |
| 67.5°  | 472.4   | 489.6   | 484.3   | 477.7   | 484.3   | 489.6   | 494.8   | 498.8   | 494.8   | 490.9   | 485.6   |
| 70°    | 432.8   | 450.0   | 443.4   | 436.8   | 443.4   | 450.0   | 455.3   | 460.5   | 455.3   | 450.0   | 448.7   |
| 72.5°  | 390.6   | 410.4   | 402.5   | 394.6   | 402.5   | 410.4   | 413.0   | 415.7   | 411.7   | 407.7   | 405.1   |
| 75°    | 344.4   | 364.2   | 357.6   | 349.7   | 356.3   | 362.9   | 364.2   | 365.5   | 365.5   | 364.2   | 356.3   |
| 77.5°  | 295.6   | 311.4   | 307.5   | 303.5   | 307.5   | 311.4   | 311.4   | 311.4   | 312.7   | 312.7   | 302.2   |
| 80°    | 237.5   | 246.8   | 248.1   | 249.4   | 250.7   | 252.0   | 250.7   | 249.4   | 246.8   | 244.1   | 237.5   |
| 82.5°  | 176.8   | 176.8   | 187.4   | 196.6   | 196.6   | 195.3   | 194.0   | 191.3   | 186.1   | 179.5   | 164.9   |
| 85°    | 112.2   | 105.6   | 122.7   | 138.6   | 138.6   | 137.2   | 134.6   | 130.6   | 120.1   | 108.2   | 96.3    |
| 87.5°  | 38.3    | 31.7    | 48.8    | 66.0    | 67.3    | 67.3    | 64.7    | 62.0    | 51.5    | 39.6    | 30.4    |
| 90°    | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 92.5°  | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 95°    | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 97.5°  | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 100°   | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 102.5° | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 105°   | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 107.5° | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 110°   | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |



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 CATALOG NUMBER: GLEON-SA9B-827-U-SLL

**CANDELA DISTRIBUTION (continued):**

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

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CATALOG NUMBER: GLEON-SA9B-827-U-SLL

**CANDELA DISTRIBUTION (continued):**

|        | 275°    | 280°    | 285°    | 290°    | 295°    | 300°    | 305°    | 310°    | 315°    | 320°    | 325°    |
|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0°     | 10055.1 | 10055.1 | 10055.1 | 10055.1 | 10055.1 | 10055.1 | 10055.1 | 10055.1 | 10055.1 | 10055.1 | 10055.1 |
| 2.5°   | 8703.9  | 8721.0  | 8736.9  | 8866.2  | 8994.2  | 9144.6  | 9295.1  | 9409.9  | 9523.3  | 9640.8  | 9758.2  |
| 5°     | 6960.7  | 6981.8  | 7003.0  | 7160.0  | 7315.7  | 7525.5  | 7735.3  | 7916.1  | 8096.9  | 8309.3  | 8521.8  |
| 7.5°   | 5159.5  | 5205.7  | 5250.6  | 5418.2  | 5584.4  | 5810.1  | 6034.4  | 6270.6  | 6505.5  | 6782.6  | 7059.7  |
| 10°    | 4052.4  | 4139.5  | 4225.3  | 4396.8  | 4568.4  | 4791.4  | 5013.0  | 5259.8  | 5506.6  | 5779.7  | 6051.6  |
| 12.5°  | 3280.5  | 3396.6  | 3511.4  | 3717.2  | 3923.1  | 4189.6  | 4454.9  | 4729.3  | 5002.5  | 5242.7  | 5482.8  |
| 15°    | 2591.6  | 2718.3  | 2843.7  | 3061.4  | 3279.1  | 3572.1  | 3863.7  | 4163.2  | 4461.5  | 4749.1  | 5036.8  |
| 17.5°  | 2021.6  | 2125.8  | 2228.8  | 2413.5  | 2596.9  | 2880.6  | 3164.3  | 3478.4  | 3792.4  | 4143.5  | 4493.1  |
| 20°    | 1631.0  | 1674.5  | 1718.1  | 1851.4  | 1983.3  | 2214.2  | 2443.8  | 2764.5  | 3085.2  | 3504.8  | 3924.4  |
| 22.5°  | 1429.1  | 1451.5  | 1472.6  | 1537.3  | 1600.6  | 1749.8  | 1897.5  | 2181.3  | 2463.6  | 2921.5  | 3378.1  |
| 25°    | 1307.7  | 1324.8  | 1342.0  | 1384.2  | 1426.5  | 1497.7  | 1569.0  | 1768.2  | 1967.5  | 2417.5  | 2866.1  |
| 27.5°  | 1198.2  | 1224.6  | 1249.6  | 1269.4  | 1287.9  | 1336.7  | 1384.2  | 1514.9  | 1645.5  | 2065.1  | 2483.4  |
| 30°    | 1119.0  | 1128.2  | 1137.5  | 1167.8  | 1196.9  | 1247.0  | 1297.1  | 1388.2  | 1479.2  | 1834.2  | 2187.8  |
| 32.5°  | 1026.6  | 1039.8  | 1053.0  | 1084.7  | 1116.4  | 1162.5  | 1208.7  | 1282.6  | 1355.2  | 1658.7  | 1960.9  |
| 35°    | 943.5   | 956.7   | 969.9   | 1001.6  | 1031.9  | 1082.0  | 1130.9  | 1192.9  | 1253.6  | 1517.5  | 1781.4  |
| 37.5°  | 892.0   | 905.2   | 918.4   | 946.1   | 972.5   | 1022.7  | 1071.5  | 1120.3  | 1167.8  | 1411.9  | 1656.1  |
| 40°    | 848.5   | 861.7   | 874.9   | 901.3   | 926.3   | 975.2   | 1022.7  | 1063.6  | 1104.5  | 1332.8  | 1561.1  |
| 42.5°  | 810.2   | 824.7   | 839.2   | 865.6   | 890.7   | 934.3   | 977.8   | 1031.9  | 1084.7  | 1264.1  | 1442.3  |
| 45°    | 778.5   | 793.1   | 806.3   | 835.3   | 864.3   | 906.5   | 948.8   | 1024.0  | 1099.2  | 1228.5  | 1357.8  |
| 47.5°  | 749.5   | 765.4   | 779.9   | 811.5   | 843.2   | 896.0   | 947.5   | 1010.8  | 1072.8  | 1200.8  | 1328.8  |
| 50°    | 721.8   | 740.3   | 758.8   | 797.0   | 834.0   | 922.4   | 1009.5  | 1018.7  | 1026.6  | 1178.4  | 1328.8  |
| 52.5°  | 695.4   | 716.5   | 737.6   | 785.1   | 831.3   | 934.3   | 1037.2  | 1004.2  | 969.9   | 1136.2  | 1302.4  |
| 55°    | 669.0   | 687.5   | 704.7   | 762.7   | 820.8   | 896.0   | 971.2   | 927.7   | 882.8   | 1057.0  | 1231.2  |
| 57.5°  | 633.4   | 653.2   | 671.7   | 733.7   | 795.7   | 848.5   | 899.9   | 860.4   | 819.5   | 967.2   | 1113.7  |
| 60°    | 596.4   | 618.9   | 641.3   | 720.5   | 798.3   | 789.1   | 778.5   | 770.6   | 761.4   | 867.0   | 972.5   |
| 62.5°  | 563.5   | 587.2   | 611.0   | 713.9   | 816.8   | 753.5   | 690.1   | 696.7   | 702.0   | 779.9   | 857.7   |
| 65°    | 530.5   | 554.2   | 576.7   | 628.1   | 679.6   | 654.5   | 629.4   | 640.0   | 649.2   | 725.8   | 802.3   |
| 67.5°  | 493.5   | 514.6   | 534.4   | 551.6   | 568.7   | 571.4   | 574.0   | 584.6   | 595.1   | 686.2   | 775.9   |
| 70°    | 452.6   | 469.8   | 486.9   | 498.8   | 509.4   | 514.6   | 518.6   | 531.8   | 545.0   | 644.0   | 742.9   |
| 72.5°  | 406.4   | 420.9   | 434.1   | 444.7   | 455.3   | 459.2   | 461.8   | 475.0   | 488.2   | 593.8   | 699.4   |
| 75°    | 356.3   | 368.2   | 378.7   | 388.0   | 397.2   | 402.5   | 407.7   | 417.0   | 426.2   | 541.0   | 654.5   |
| 77.5°  | 300.9   | 312.7   | 323.3   | 331.2   | 337.8   | 343.1   | 347.0   | 358.9   | 370.8   | 467.1   | 562.1   |
| 80°    | 234.9   | 249.4   | 262.6   | 269.2   | 274.5   | 275.8   | 275.8   | 286.3   | 296.9   | 365.5   | 432.8   |
| 82.5°  | 166.3   | 182.1   | 196.6   | 201.9   | 207.2   | 207.2   | 207.2   | 219.0   | 230.9   | 277.1   | 322.0   |
| 85°    | 97.6    | 114.8   | 130.6   | 135.9   | 141.2   | 143.8   | 145.2   | 150.4   | 154.4   | 187.4   | 219.0   |
| 87.5°  | 30.4    | 44.9    | 58.1    | 60.7    | 63.3    | 68.6    | 73.9    | 75.2    | 75.2    | 97.6    | 120.1   |
| 90°    | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 92.5°  | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 95°    | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 97.5°  | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 100°   | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 102.5° | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 105°   | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 107.5° | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 110°   | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |



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 CATALOG NUMBER: GLEON-SA9B-827-U-SLL

**CANDELA DISTRIBUTION (continued):**

|        | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|--------|------|------|------|------|------|------|------|------|------|------|------|
| 112.5° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 115°   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 117.5° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 120°   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 122.5° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 125°   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 127.5° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 130°   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 132.5° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 135°   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 137.5° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 140°   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 142.5° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 145°   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 147.5° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 150°   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 152.5° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 155°   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 157.5° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 160°   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 162.5° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 165°   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 167.5° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 170°   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 172.5° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 175°   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 177.5° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 180°   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |

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CATALOG NUMBER: GLEON-SA9B-827-U-SLL

**CANDELA DISTRIBUTION (continued):**

|        | 330°    | 335°    | 340°    | 345°    | 350°    | 355°    | 360°    |
|--------|---------|---------|---------|---------|---------|---------|---------|
| 0°     | 10055.1 | 10055.1 | 10055.1 | 10055.1 | 10055.1 | 10055.1 | 10055.1 |
| 2.5°   | 9892.8  | 10027.4 | 10184.4 | 10340.2 | 10473.4 | 10606.7 | 10717.6 |
| 5°     | 8792.3  | 9062.8  | 9394.0  | 9723.9  | 10018.2 | 10312.4 | 10654.2 |
| 7.5°   | 7409.4  | 7759.1  | 8187.9  | 8616.8  | 9032.5  | 9446.8  | 9972.0  |
| 10°    | 6407.8  | 6762.8  | 7216.7  | 7669.3  | 8136.5  | 8602.3  | 9196.1  |
| 12.5°  | 5771.8  | 6059.5  | 6498.9  | 6938.3  | 7487.2  | 8034.9  | 8606.2  |
| 15°    | 5352.2  | 5666.2  | 6093.8  | 6521.3  | 7121.7  | 7722.1  | 8379.3  |
| 17.5°  | 4904.8  | 5315.2  | 5862.9  | 6410.5  | 7121.7  | 7831.7  | 8606.2  |
| 20°    | 4436.4  | 4947.1  | 5657.0  | 6366.9  | 7324.9  | 8281.6  | 9270.0  |
| 22.5°  | 3969.3  | 4560.4  | 5470.9  | 6380.1  | 7632.4  | 8883.3  | 10217.4 |
| 25°    | 3548.3  | 4230.5  | 5357.5  | 6483.1  | 8079.7  | 9675.1  | 11329.8 |
| 27.5°  | 3229.0  | 3973.2  | 5311.3  | 6648.0  | 8647.1  | 10646.3 | 12539.9 |
| 30°    | 2945.3  | 3702.7  | 5255.8  | 6809.0  | 9193.4  | 11576.6 | 13486.0 |
| 32.5°  | 2699.8  | 3438.8  | 5149.0  | 6857.8  | 9574.8  | 12291.8 | 14287.0 |
| 35°    | 2507.2  | 3232.9  | 4969.5  | 6706.1  | 9813.6  | 12921.2 | 15121.0 |
| 37.5°  | 2340.9  | 3025.8  | 4765.0  | 6504.2  | 10026.1 | 13548.0 | 16059.2 |
| 40°    | 2182.6  | 2804.1  | 4589.5  | 6373.5  | 10319.0 | 14264.6 | 17050.2 |
| 42.5°  | 2032.1  | 2622.0  | 4448.3  | 6274.6  | 10590.9 | 14905.9 | 17917.1 |
| 45°    | 1920.0  | 2482.1  | 4322.9  | 6162.4  | 10766.4 | 15370.4 | 18570.3 |
| 47.5°  | 1864.6  | 2399.0  | 4255.6  | 6110.9  | 10941.9 | 15771.5 | 19112.7 |
| 50°    | 1856.6  | 2384.5  | 4332.2  | 6279.8  | 11321.9 | 16362.7 | 19732.9 |
| 52.5°  | 1855.3  | 2408.2  | 4552.5  | 6696.8  | 12027.9 | 17357.6 | 20404.5 |
| 55°    | 1827.6  | 2422.7  | 4815.1  | 7206.2  | 12975.3 | 18743.2 | 21611.9 |
| 57.5°  | 1743.2  | 2372.6  | 5085.6  | 7797.3  | 13976.9 | 20155.1 | 22972.4 |
| 60°    | 1612.5  | 2251.2  | 5308.6  | 8364.8  | 14649.9 | 20933.7 | 23496.3 |
| 62.5°  | 1448.9  | 2038.7  | 5382.5  | 8725.0  | 14631.4 | 20537.8 | 22968.4 |
| 65°    | 1309.0  | 1815.7  | 5139.7  | 8462.4  | 13891.1 | 19318.5 | 21924.7 |
| 67.5°  | 1185.0  | 1592.7  | 4532.7  | 7471.4  | 12559.7 | 17646.6 | 20597.2 |
| 70°    | 1095.2  | 1446.2  | 3750.2  | 6054.2  | 10893.1 | 15730.6 | 19059.9 |
| 72.5°  | 1038.5  | 1376.3  | 3057.4  | 4737.3  | 8839.8  | 12941.0 | 16303.3 |
| 75°    | 960.6   | 1266.8  | 2399.0  | 3529.9  | 6765.4  | 10001.0 | 12314.2 |
| 77.5°  | 815.5   | 1067.5  | 1807.8  | 2548.1  | 4964.2  | 7379.0  | 8564.0  |
| 80°    | 629.4   | 824.7   | 1243.0  | 1661.3  | 3416.4  | 5171.4  | 5839.1  |
| 82.5°  | 448.7   | 575.3   | 753.5   | 931.6   | 2269.7  | 3606.4  | 3661.8  |
| 85°    | 277.1   | 335.2   | 431.5   | 527.8   | 1501.7  | 2475.5  | 2062.5  |
| 87.5°  | 149.1   | 178.1   | 228.3   | 277.1   | 480.3   | 683.5   | 393.2   |
| 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: P320443

CATALOG NUMBER: GLEON-SA9B-827-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  |

LM-79-2019: Approved Method: Electrical and Photometric Measurements of Solid-State Lighting Products

Report Prepared for

Cooper Lighting Solutions

Invue

Report Number: SP1-2407-157-9

Test Date: 10/03/2024

Luminaire Tested: EMM2-HTN-SA1A-827-U-5WQ

Data applicable to all product families utilizing light square engine

### Test Information

Test Method: LM-79-2019  
 Report Number: SP1-2407-157-9  
 Test Lab: COOPER LIGHTING SOLUTIONS  
 Photometer: SP1 - 76IN SPHERE  
 Measurement Geometry:  $4\pi$   
 Issue Date: 10/03/2024  
 Manufacturer: COOPER LIGHTING SOLUTIONS  
 Product Line: Invue  
 Catalog Number: **EMM2-HTN-SA1A-827-U-5WQ**  
 Description: Epic Modern Light Square 40W 5WQ Optic

### Spectral Parameters

CCT (K): 2764  
 CIE  $u'$ : 0.2591  
 CIE  $v'$ : 0.5290  
 Duv: 0.0020  
 CIE x: 0.4581  
 CIE y: 0.4156  
 CIE z: 0.1263  
 Peak Wavelength (nm): 603  
 Dominant Wavelength (nm): 583  
 Purity: 62.2537  
 R<sub>f</sub>: 84.7  
 R<sub>g</sub>: 94.6

CRI (Ra): 80.9  
 R1: 78.8  
 R2: 89.9  
 R3: 96.2  
 R4: 79.1  
 R5: 79.1  
 R6: 88.8  
 R7: 81.3  
 R8: 54.3  
 R9: -1.5  
 R10: 77.9  
 R11: 78.9  
 R12: 71.6  
 R13: 81.2  
 R14: 98.5  
 R15: 69.9



### Test Conditions

Stabilization Time: 81M  
 Operation Time: 2H 21M  
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-157-9

| Measurement and Test Equipment |                       |                  |                      |
|--------------------------------|-----------------------|------------------|----------------------|
| Instrument                     | Identification Number | Calibration Date | Calibration Due Date |
| Photometer                     | IN0058                | 6/18/2024        | 12/18/2024           |
| Power Meter                    | INXT2011004           | 2/8/2024         | 2/8/2025             |
| AC Power Source                | IN0063                | 10/24/2023       | 10/24/2024           |
| DC Power Source                | IN0208                | 10/24/2023       | 10/24/2024           |
| Sphere Thermometer             | IN0085                | 10/24/2023       | 10/24/2024           |
| Room Thermometer               | IN0046                | 10/24/2023       | 10/24/2024           |

REPORT NUMBER: SP1-2407-157-9

**CIE 1931 Chromaticity Diagram**



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



Point lies inside the ANSI 2700K 4-step quadrangle

REPORT NUMBER: SP1-2407-157-9

### Photopic Flux vs. Wavelength



### Photopic Lumens: 4337.9

| 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    | 0             | 0.0           | 490    | 18018         | 2.6           | 620    | 87426         | 22.8          | 750    | 2680          | 0.0           | 880    | 58            | 0.0           |
| 365    | 0             | 0.0           | 495    | 22295         | 3.9           | 625    | 83013         | 18.2          | 755    | 2287          | 0.0           | 885    | 46            | 0.0           |
| 370    | 0             | 0.0           | 500    | 26478         | 5.8           | 630    | 78077         | 14.1          | 760    | 1944          | 0.0           | 890    | 45            | 0.0           |
| 375    | 0             | 0.0           | 505    | 30524         | 8.5           | 635    | 72080         | 10.7          | 765    | 1653          | 0.0           | 895    | 41            | 0.0           |
| 380    | 0             | 0.0           | 510    | 33611         | 11.5          | 640    | 66249         | 7.9           | 770    | 1413          | 0.0           | 900    | 38            | 0.0           |
| 385    | 0             | 0.0           | 515    | 36490         | 15.2          | 645    | 59973         | 5.7           | 775    | 1198          | 0.0           | 905    | 33            | 0.0           |
| 390    | 0             | 0.0           | 520    | 38610         | 18.7          | 650    | 53972         | 3.9           | 780    | 1025          | 0.0           | 910    | 30            | 0.0           |
| 395    | 0             | 0.0           | 525    | 40511         | 21.9          | 655    | 48369         | 2.7           | 785    | 874           | 0.0           | 915    | 23            | 0.0           |
| 400    | 48            | 0.0           | 530    | 42223         | 24.9          | 660    | 42641         | 1.8           | 790    | 747           | 0.0           | 920    | 24            | 0.0           |
| 405    | 201           | 0.0           | 535    | 44137         | 27.6          | 665    | 37602         | 1.1           | 795    | 639           | 0.0           | 925    | 22            | 0.0           |
| 410    | 457           | 0.0           | 540    | 46032         | 30.0          | 670    | 32798         | 0.7           | 800    | 547           | 0.0           | 930    | 22            | 0.0           |
| 415    | 925           | 0.0           | 545    | 48553         | 32.5          | 675    | 28558         | 0.5           | 805    | 473           | 0.0           | 935    | 17            | 0.0           |
| 420    | 1816          | 0.0           | 550    | 51408         | 34.9          | 680    | 24782         | 0.3           | 810    | 401           | 0.0           | 940    | 13            | 0.0           |
| 425    | 3217          | 0.0           | 555    | 54711         | 37.4          | 685    | 21386         | 0.2           | 815    | 351           | 0.0           | 945    | 6             | 0.0           |
| 430    | 5520          | 0.0           | 560    | 58847         | 40.0          | 690    | 18413         | 0.1           | 820    | 307           | 0.0           | 950    | 10            | 0.0           |
| 435    | 9225          | 0.1           | 565    | 63386         | 42.4          | 695    | 15721         | 0.1           | 825    | 261           | 0.0           | 955    | 11            | 0.0           |
| 440    | 15522         | 0.2           | 570    | 68196         | 44.3          | 700    | 13432         | 0.0           | 830    | 228           | 0.0           | 960    | 8             | 0.0           |
| 445    | 27642         | 0.6           | 575    | 73613         | 46.0          | 705    | 11513         | 0.0           | 835    | 193           | 0.0           | 965    | 12            | 0.0           |
| 450    | 36602         | 0.9           | 580    | 79207         | 47.1          | 710    | 9780          | 0.0           | 840    | 174           | 0.0           | 970    | 3             | 0.0           |
| 455    | 28292         | 0.9           | 585    | 84248         | 47.0          | 715    | 8356          | 0.0           | 845    | 151           | 0.0           | 975    | 8             | 0.0           |
| 460    | 21166         | 0.9           | 590    | 88397         | 45.7          | 720    | 7161          | 0.0           | 850    | 123           | 0.0           | 980    | 2             | 0.0           |
| 465    | 19092         | 1.0           | 595    | 91428         | 43.4          | 725    | 6067          | 0.0           | 855    | 106           | 0.0           | 985    | 13            | 0.0           |
| 470    | 14951         | 0.9           | 600    | 93452         | 40.3          | 730    | 5164          | 0.0           | 860    | 95            | 0.0           | 990    | 16            | 0.0           |
| 475    | 12606         | 1.0           | 605    | 93959         | 36.4          | 735    | 4393          | 0.0           | 865    | 82            | 0.0           | 995    | 20            | 0.0           |
| 480    | 13323         | 1.3           | 610    | 93079         | 32.0          | 740    | 3694          | 0.0           | 870    | 77            | 0.0           | 1000   | 0             | 0.0           |
| 485    | 15164         | 1.8           | 615    | 90707         | 27.3          | 745    | 3157          | 0.0           | 875    | 65            | 0.0           |        |               |               |

REPORT NUMBER: SP1-2407-157-9

### Scotopic Flux vs. Wavelength



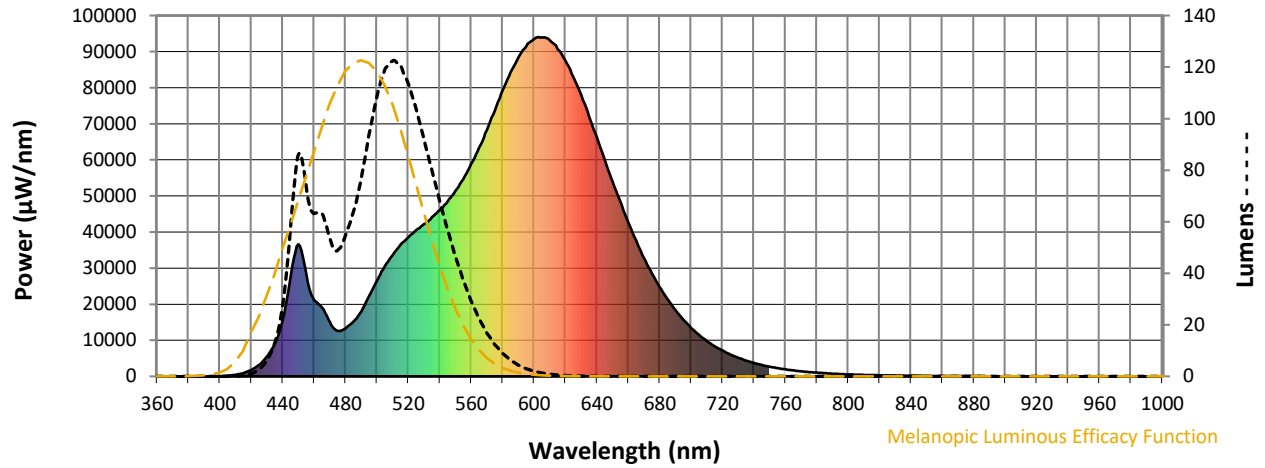
Scotopic Lumens: 5286.7

S/P: 1.22

| λ<br>(nm) | Power<br>(μW/nm) | Lumens<br>(φ/nm) | λ<br>(nm) | Power<br>(μW/nm) | Lumens<br>(φ/nm) | λ<br>(nm) | Power<br>(μW/nm) | Lumens<br>(φ/nm) | λ<br>(nm) | Power<br>(μW/nm) | Lumens<br>(φ/nm) | λ<br>(nm) | Power<br>(μW/nm) | Lumens<br>(φ/nm) |
|-----------|------------------|------------------|-----------|------------------|------------------|-----------|------------------|------------------|-----------|------------------|------------------|-----------|------------------|------------------|
| 360       | 0                | 0.0              | 490       | 18018            | 75.9             | 620       | 87426            | 0.4              | 750       | 2680             | 0.0              | 880       | 58               | 0.0              |
| 365       | 0                | 0.0              | 495       | 22295            | 93.2             | 625       | 83013            | 0.2              | 755       | 2287             | 0.0              | 885       | 46               | 0.0              |
| 370       | 0                | 0.0              | 500       | 26478            | 107.8            | 630       | 78077            | 0.1              | 760       | 1944             | 0.0              | 890       | 45               | 0.0              |
| 375       | 0                | 0.0              | 505       | 30524            | 118.7            | 635       | 72080            | 0.1              | 765       | 1653             | 0.0              | 895       | 41               | 0.0              |
| 380       | 0                | 0.0              | 510       | 33611            | 122.2            | 640       | 66249            | 0.1              | 770       | 1413             | 0.0              | 900       | 38               | 0.0              |
| 385       | 0                | 0.0              | 515       | 36490            | 120.8            | 645       | 59973            | 0.0              | 775       | 1198             | 0.0              | 905       | 33               | 0.0              |
| 390       | 0                | 0.0              | 520       | 38610            | 113.9            | 650       | 53972            | 0.0              | 780       | 1025             | 0.0              | 910       | 30               | 0.0              |
| 395       | 0                | 0.0              | 525       | 40511            | 104.1            | 655       | 48369            | 0.0              | 785       | 874              | 0.0              | 915       | 23               | 0.0              |
| 400       | 48               | 0.0              | 530       | 42223            | 92.4             | 660       | 42641            | 0.0              | 790       | 747              | 0.0              | 920       | 24               | 0.0              |
| 405       | 201              | 0.0              | 535       | 44137            | 80.5             | 665       | 37602            | 0.0              | 795       | 639              | 0.0              | 925       | 22               | 0.0              |
| 410       | 457              | 0.1              | 540       | 46032            | 68.2             | 670       | 32798            | 0.0              | 800       | 547              | 0.0              | 930       | 22               | 0.0              |
| 415       | 925              | 0.3              | 545       | 48553            | 57.1             | 675       | 28558            | 0.0              | 805       | 473              | 0.0              | 935       | 17               | 0.0              |
| 420       | 1816             | 1.1              | 550       | 51408            | 46.7             | 680       | 24782            | 0.0              | 810       | 401              | 0.0              | 940       | 13               | 0.0              |
| 425       | 3217             | 2.5              | 555       | 54711            | 37.4             | 685       | 21386            | 0.0              | 815       | 351              | 0.0              | 945       | 6                | 0.0              |
| 430       | 5520             | 5.9              | 560       | 58847            | 29.4             | 690       | 18413            | 0.0              | 820       | 307              | 0.0              | 950       | 10               | 0.0              |
| 435       | 9225             | 12.5             | 565       | 63386            | 22.5             | 695       | 15721            | 0.0              | 825       | 261              | 0.0              | 955       | 11               | 0.0              |
| 440       | 15522            | 26.3             | 570       | 68196            | 16.9             | 700       | 13432            | 0.0              | 830       | 228              | 0.0              | 960       | 8                | 0.0              |
| 445       | 27642            | 55.2             | 575       | 73613            | 12.4             | 705       | 11513            | 0.0              | 835       | 193              | 0.0              | 965       | 12               | 0.0              |
| 450       | 36602            | 85.4             | 580       | 79207            | 9.0              | 710       | 9780             | 0.0              | 840       | 174              | 0.0              | 970       | 3                | 0.0              |
| 455       | 28292            | 75.1             | 585       | 84248            | 6.3              | 715       | 8356             | 0.0              | 845       | 151              | 0.0              | 975       | 8                | 0.0              |
| 460       | 21166            | 63.2             | 590       | 88397            | 4.4              | 720       | 7161             | 0.0              | 850       | 123              | 0.0              | 980       | 2                | 0.0              |
| 465       | 19092            | 63.2             | 595       | 91428            | 3.0              | 725       | 6067             | 0.0              | 855       | 106              | 0.0              | 985       | 13               | 0.0              |
| 470       | 14951            | 54.2             | 600       | 93452            | 2.0              | 730       | 5164             | 0.0              | 860       | 95               | 0.0              | 990       | 16               | 0.0              |
| 475       | 12606            | 48.8             | 605       | 93959            | 1.3              | 735       | 4393             | 0.0              | 865       | 82               | 0.0              | 995       | 20               | 0.0              |
| 480       | 13323            | 54.2             | 610       | 93079            | 0.9              | 740       | 3694             | 0.0              | 870       | 77               | 0.0              | 1000      | 0                | 0.0              |
| 485       | 15164            | 63.3             | 615       | 90707            | 0.5              | 745       | 3157             | 0.0              | 875       | 65               | 0.0              |           |                  |                  |

REPORT NUMBER: SP1-2407-157-9

### Melanopic Flux vs. Wavelength


**Melanopic Lumens: 9797**
**M/P: 2.26**

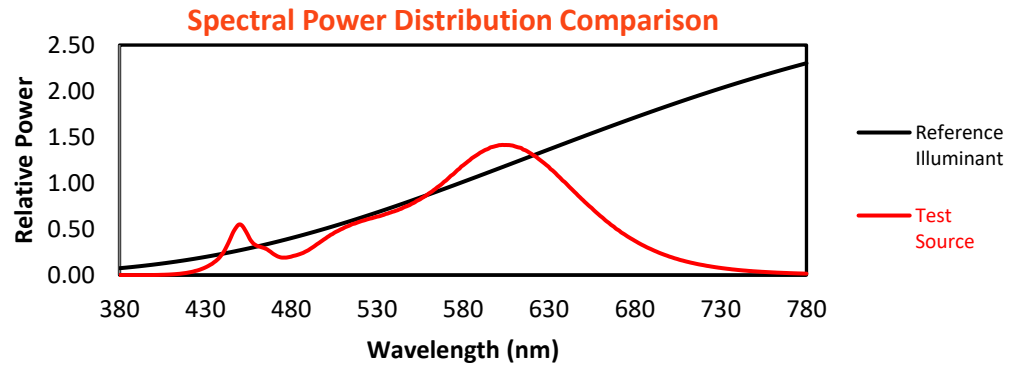
| $\lambda$<br>(nm) | Power<br>( $\mu\text{W}/\text{nm}$ ) | Lumens<br>( $\phi/\text{nm}$ ) | $\lambda$<br>(nm) | Power<br>( $\mu\text{W}/\text{nm}$ ) | Lumens<br>( $\phi/\text{nm}$ ) | $\lambda$<br>(nm) | Power<br>( $\mu\text{W}/\text{nm}$ ) | Lumens<br>( $\phi/\text{nm}$ ) | $\lambda$<br>(nm) | Power<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               | 0                                    | 0.0                            | 490               | 18018                                | 27.7                           | 620               | 87426                                | 1.1                            | 750               | 2680                                 | 0.0                            | 880               | 58                                   | 0.0                            |
| 365               | 0                                    | 0.0                            | 495               | 22295                                | 36.0                           | 625               | 83013                                | 0.7                            | 755               | 2287                                 | 0.0                            | 885               | 46                                   | 0.0                            |
| 370               | 0                                    | 0.0                            | 500               | 26478                                | 44.2                           | 630               | 78077                                | 0.4                            | 760               | 1944                                 | 0.0                            | 890               | 45                                   | 0.0                            |
| 375               | 0                                    | 0.0                            | 505               | 30524                                | 51.8                           | 635               | 72080                                | 0.3                            | 765               | 1653                                 | 0.0                            | 895               | 41                                   | 0.0                            |
| 380               | 0                                    | 0.0                            | 510               | 33611                                | 57.0                           | 640               | 66249                                | 0.2                            | 770               | 1413                                 | 0.0                            | 900               | 38                                   | 0.0                            |
| 385               | 0                                    | 0.0                            | 515               | 36490                                | 60.5                           | 645               | 59973                                | 0.1                            | 775               | 1198                                 | 0.0                            | 905               | 33                                   | 0.0                            |
| 390               | 0                                    | 0.0                            | 520               | 38610                                | 61.4                           | 650               | 53972                                | 0.1                            | 780               | 1025                                 | 0.0                            | 910               | 30                                   | 0.0                            |
| 395               | 0                                    | 0.0                            | 525               | 40511                                | 60.6                           | 655               | 48369                                | 0.0                            | 785               | 874                                  | 0.0                            | 915               | 23                                   | 0.0                            |
| 400               | 48                                   | 0.0                            | 530               | 42223                                | 58.2                           | 660               | 42641                                | 0.0                            | 790               | 747                                  | 0.0                            | 920               | 24                                   | 0.0                            |
| 405               | 201                                  | 0.0                            | 535               | 44137                                | 55.0                           | 665               | 37602                                | 0.0                            | 795               | 639                                  | 0.0                            | 925               | 22                                   | 0.0                            |
| 410               | 457                                  | 0.0                            | 540               | 46032                                | 50.9                           | 670               | 32798                                | 0.0                            | 800               | 547                                  | 0.0                            | 930               | 22                                   | 0.0                            |
| 415               | 925                                  | 0.1                            | 545               | 48553                                | 46.6                           | 675               | 28558                                | 0.0                            | 805               | 473                                  | 0.0                            | 935               | 17                                   | 0.0                            |
| 420               | 1816                                 | 0.3                            | 550               | 51408                                | 42.0                           | 680               | 24782                                | 0.0                            | 810               | 401                                  | 0.0                            | 940               | 13                                   | 0.0                            |
| 425               | 3217                                 | 0.8                            | 555               | 54711                                | 37.4                           | 685               | 21386                                | 0.0                            | 815               | 351                                  | 0.0                            | 945               | 6                                    | 0.0                            |
| 430               | 5520                                 | 1.9                            | 560               | 58847                                | 32.9                           | 690               | 18413                                | 0.0                            | 820               | 307                                  | 0.0                            | 950               | 10                                   | 0.0                            |
| 435               | 9225                                 | 4.1                            | 565               | 63386                                | 28.4                           | 695               | 15721                                | 0.0                            | 825               | 261                                  | 0.0                            | 955               | 11                                   | 0.0                            |
| 440               | 15522                                | 8.7                            | 570               | 68196                                | 24.1                           | 700               | 13432                                | 0.0                            | 830               | 228                                  | 0.0                            | 960               | 8                                    | 0.0                            |
| 445               | 27642                                | 18.5                           | 575               | 73613                                | 20.0                           | 705               | 11513                                | 0.0                            | 835               | 193                                  | 0.0                            | 965               | 12                                   | 0.0                            |
| 450               | 36602                                | 28.3                           | 580               | 79207                                | 16.3                           | 710               | 9780                                 | 0.0                            | 840               | 174                                  | 0.0                            | 970               | 3                                    | 0.0                            |
| 455               | 28292                                | 24.7                           | 585               | 84248                                | 12.9                           | 715               | 8356                                 | 0.0                            | 845               | 151                                  | 0.0                            | 975               | 8                                    | 0.0                            |
| 460               | 21166                                | 20.4                           | 590               | 88397                                | 9.8                            | 720               | 7161                                 | 0.0                            | 850               | 123                                  | 0.0                            | 980               | 2                                    | 0.0                            |
| 465               | 19092                                | 20.1                           | 595               | 91428                                | 7.3                            | 725               | 6067                                 | 0.0                            | 855               | 106                                  | 0.0                            | 985               | 13                                   | 0.0                            |
| 470               | 14951                                | 17.2                           | 600               | 93452                                | 5.3                            | 730               | 5164                                 | 0.0                            | 860               | 95                                   | 0.0                            | 990               | 16                                   | 0.0                            |
| 475               | 12606                                | 15.7                           | 605               | 93959                                | 3.7                            | 735               | 4393                                 | 0.0                            | 865               | 82                                   | 0.0                            | 995               | 20                                   | 0.0                            |
| 480               | 13323                                | 18.0                           | 610               | 93079                                | 2.5                            | 740               | 3694                                 | 0.0                            | 870               | 77                                   | 0.0                            | 1000              | 0                                    | 0.0                            |
| 485               | 15164                                | 21.9                           | 615               | 90707                                | 1.7                            | 745               | 3157                                 | 0.0                            | 875               | 65                                   | 0.0                            |                   |                                      |                                |

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TM-30-18

### Summary

$R_f = 84.7$   
 $R_g = 94.6$   
 $CIE R_a = 80.9$   
 $R_g = -1.5$

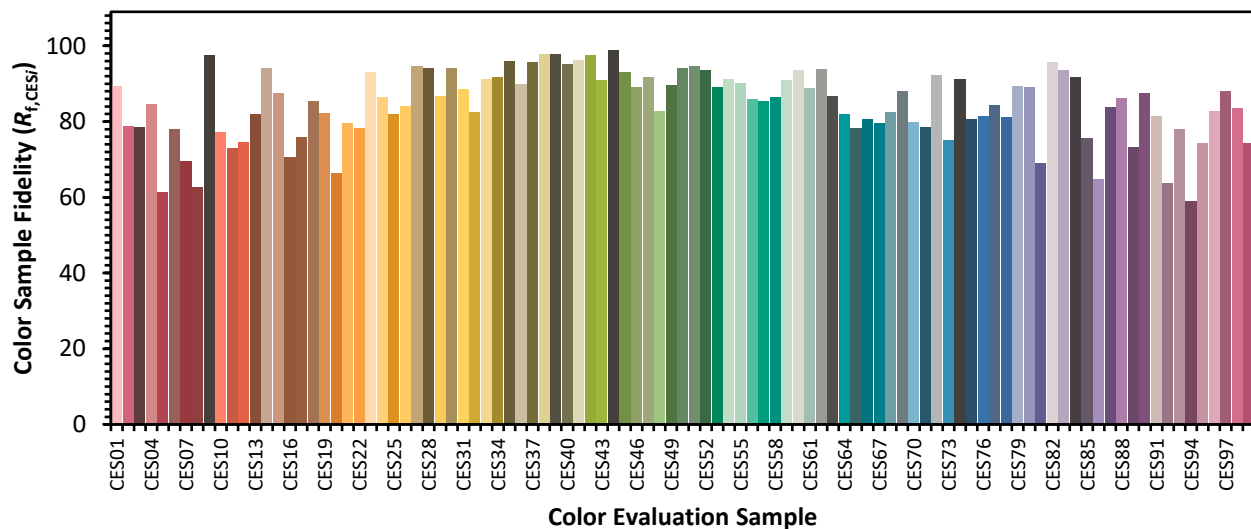


### Color Vector Graphics



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

|            |            |            |            |
|------------|------------|------------|------------|
| CES01 = 86 | CES26 = 84 | CES51 = 95 | CES76 = 81 |
| CES02 = 63 | CES27 = 95 | CES52 = 94 | CES77 = 84 |
| CES03 = 31 | CES28 = 94 | CES53 = 89 | CES78 = 81 |
| CES04 = 71 | CES29 = 87 | CES54 = 91 | CES79 = 89 |
| CES05 = 50 | CES30 = 94 | CES55 = 90 | CES80 = 89 |
| CES06 = 52 | CES31 = 89 | CES56 = 86 | CES81 = 69 |
| CES07 = 43 | CES32 = 82 | CES57 = 85 | CES82 = 96 |
| CES08 = 41 | CES33 = 91 | CES58 = 86 | CES83 = 93 |
| CES09 = 29 | CES34 = 92 | CES59 = 91 | CES84 = 92 |
| CES10 = 77 | CES35 = 96 | CES60 = 94 | CES85 = 76 |
| CES11 = 60 | CES36 = 90 | CES61 = 89 | CES86 = 65 |
| CES12 = 66 | CES37 = 96 | CES62 = 94 | CES87 = 84 |
| CES13 = 44 | CES38 = 98 | CES63 = 87 | CES88 = 86 |
| CES14 = 74 | CES39 = 98 | CES64 = 82 | CES89 = 73 |
| CES15 = 72 | CES40 = 95 | CES65 = 78 | CES90 = 88 |
| CES16 = 48 | CES41 = 96 | CES66 = 81 | CES91 = 82 |
| CES17 = 50 | CES42 = 97 | CES67 = 80 | CES92 = 64 |
| CES18 = 57 | CES43 = 91 | CES68 = 83 | CES93 = 78 |
| CES19 = 73 | CES44 = 99 | CES69 = 88 | CES94 = 59 |
| CES20 = 67 | CES45 = 93 | CES70 = 80 | CES95 = 74 |
| CES21 = 87 | CES46 = 89 | CES71 = 79 | CES96 = 83 |
| CES22 = 79 | CES47 = 92 | CES72 = 92 | CES97 = 88 |
| CES23 = 92 | CES48 = 83 | CES73 = 75 | CES98 = 83 |
| CES24 = 91 | CES49 = 90 | CES74 = 91 | CES99 = 74 |
| CES25 = 72 | CES50 = 94 | CES75 = 81 |            |



Color Rendition by Hue-Angle Bin



**Measure Comparisons**



(END OF REPORT)