

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



Scaled data based on original data using  
LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-  
State Lighting Products

Test Report Prepared for  
Cooper Lighting Solutions  
(formerly Eaton)

Brand: McGRAW-EDISON

Report Number: P320253

Luminaire Tested: **GLEON-SA9C-727-U-SLL**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P320253  
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-SA9C-727-U-SLL  
Description: GALLEON AREA AND ROADWAY LUMINAIRE  
(9) 70 CRI, 2700K, 1050mA LIGHTSQUARES WITH 16 LEDS EACH AND SPILL LIGHT  
ELIMINATOR LEFT OPTICS  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 46471 lumens  
Efficiency: N/A  
Efficacy: 92.8 lumens/watt  
Luminous Opening: Rectangular (W 2.5' x L: 1' x H: 0')  
IES Classification: Type III - Medium  
BUG Rating: B3 - U0 - G5

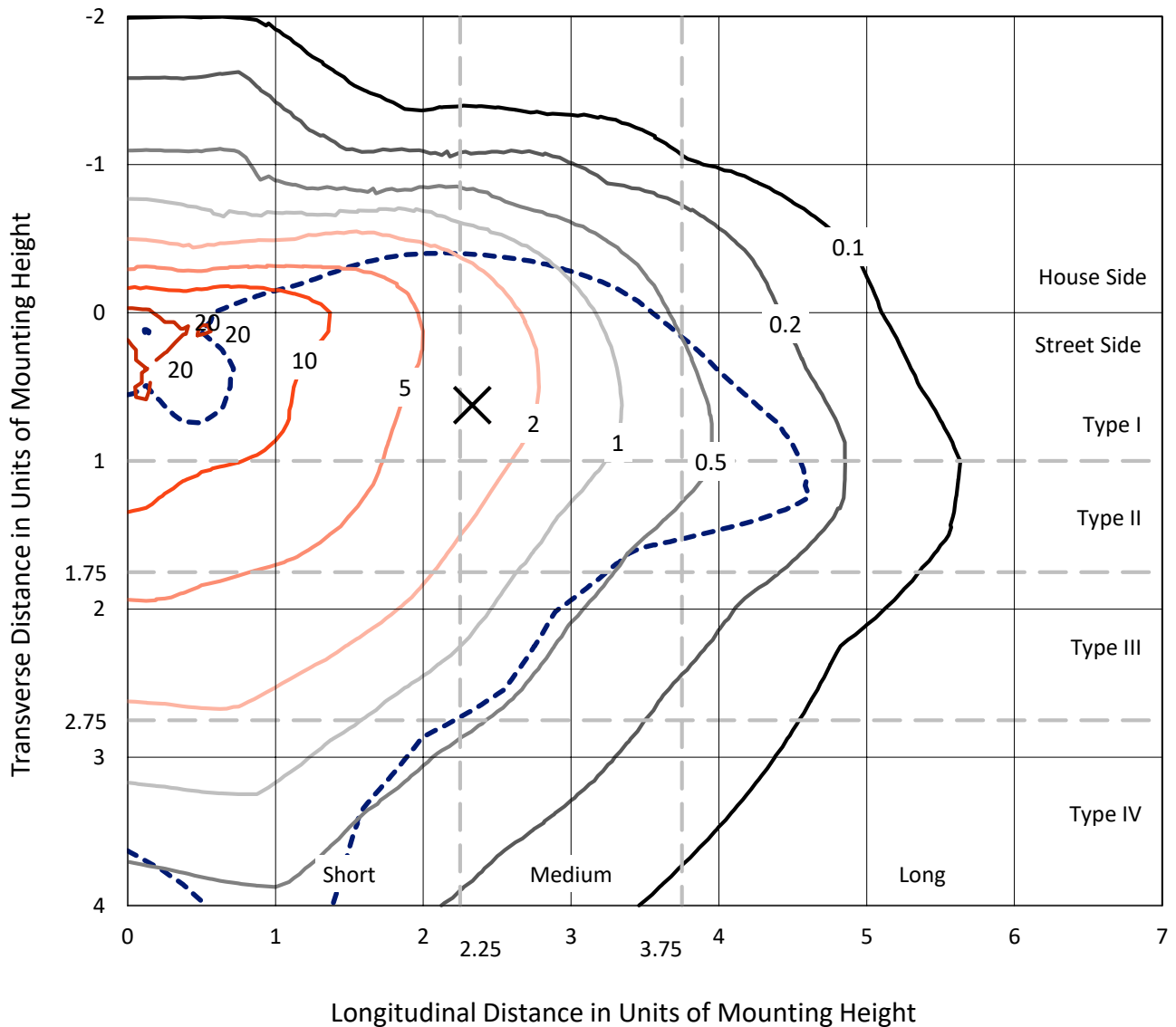
Input Watts (W): 501  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT



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### Iso-Footcandle Lines of Horizontal Illumination

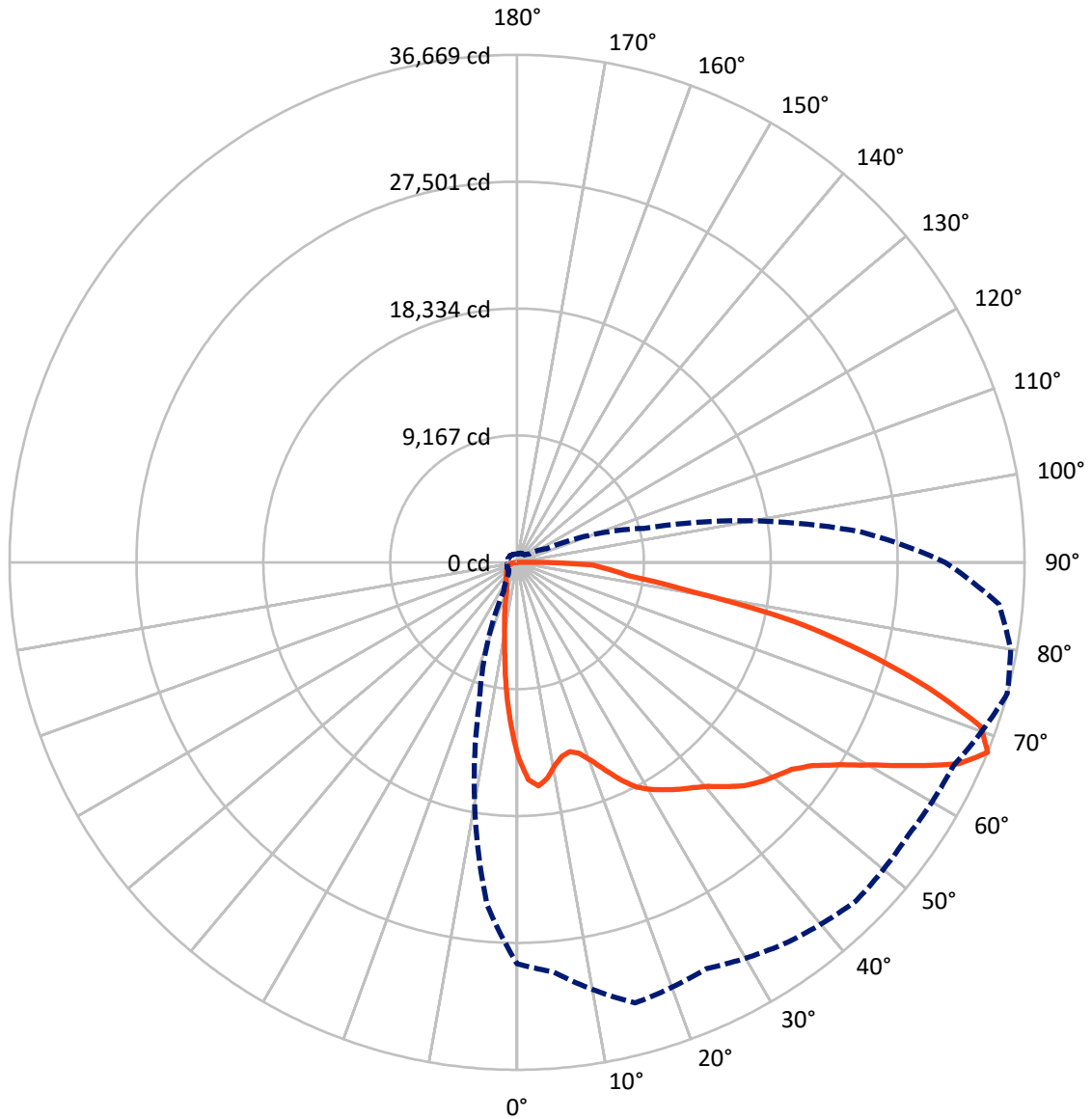
✕ Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 28.5 fc  
 Type III - Medium - N/A

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### Luminous Intensity Polar Plot



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

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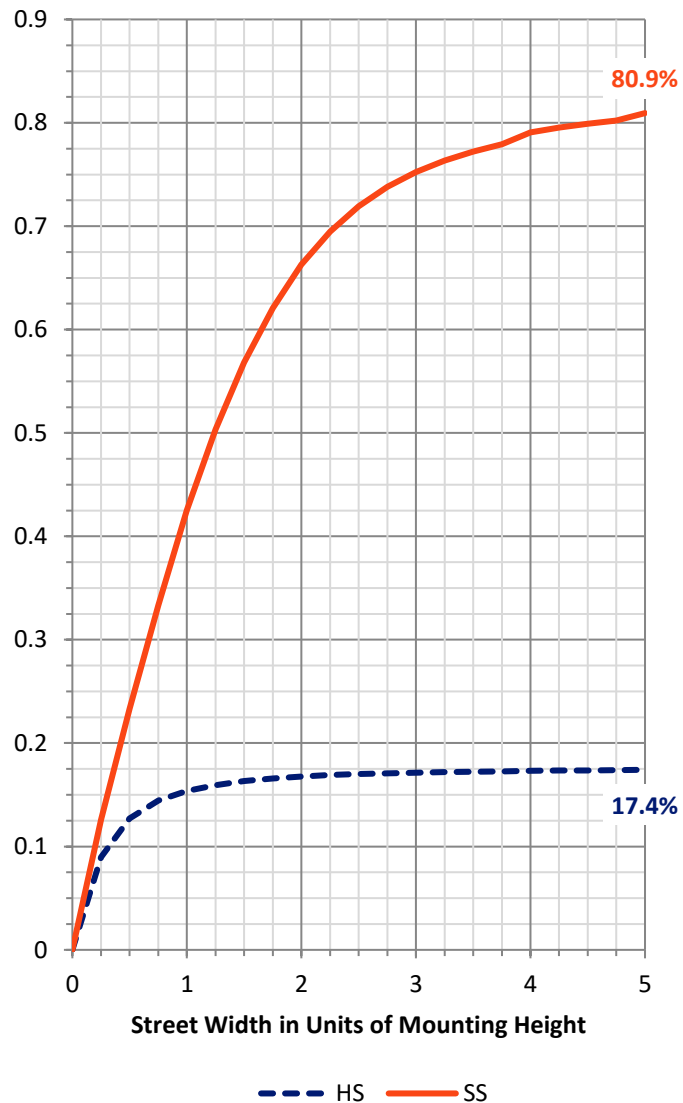
**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total   |
|--------------------|-----------|----------|--------|---------|
| <b>House Side</b>  | Lumens    | 8184.7   | 0.0    | 8184.7  |
|                    | % Fixture | 17.6     | 0.0    | 17.6    |
| <b>Street Side</b> | Lumens    | 38286.3  | 0.0    | 38286.3 |
|                    | % Fixture | 82.4     | 0.0    | 82.4    |
| <b>Total</b>       | Lumens    | 46471.0  | 0.0    | 46471.0 |
|                    | % Fixture | 100.0    | 0.0    | 100.0   |

**ZONAL LUMENS:**

| Zone      | Lumens  | % Fixture |
|-----------|---------|-----------|
| 0°-10°    | 1092.6  | 2.4       |
| 10°-20°   | 2269.9  | 4.9       |
| 20°-30°   | 3228.3  | 6.9       |
| 30°-40°   | 4651.9  | 10.0      |
| 40°-50°   | 6555.8  | 14.1      |
| 50°-60°   | 9113.8  | 19.6      |
| 60°-70°   | 11021.2 | 23.7      |
| 70°-80°   | 6774.6  | 14.6      |
| 80°-90°   | 1762.9  | 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°    | 46471.0 | 100.0     |
| 0°-180°   | 46471.0 | 100.0     |

**Coefficient of Utilization**

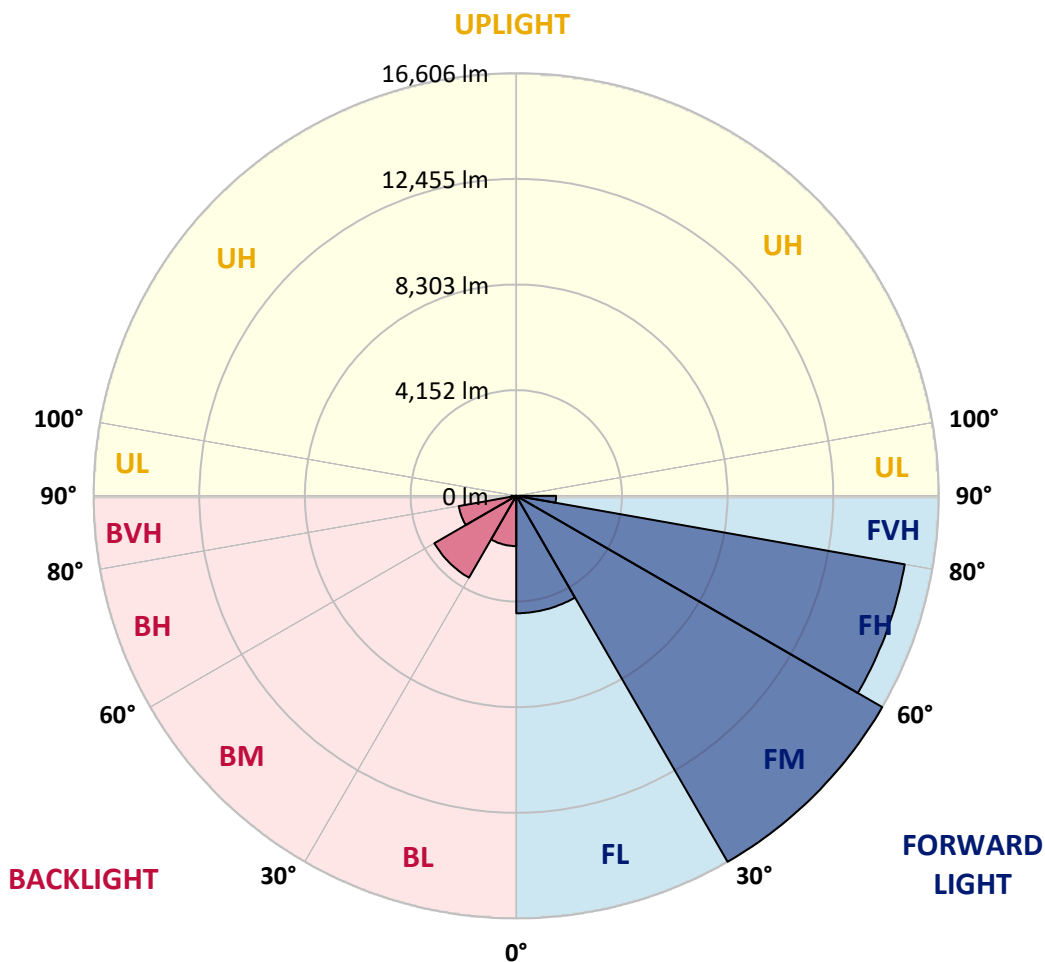


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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

| Zone           | Lumens  | % Fixture | Zone Rating/Lumen Limit |      |         |
|----------------|---------|-----------|-------------------------|------|---------|
|                |         |           | B                       | U    | G       |
| FL (0°-30°)    | 4614.1  | 9.9       |                         |      |         |
| FM (30°-60°)   | 16606.3 | 35.7      |                         |      |         |
| FH (60°-80°)   | 15501.2 | 33.4      |                         |      | G5      |
| FVH (80°-90°)  | 1564.8  | 3.4       |                         |      | G5      |
| BL (0°-30°)    | 1976.7  | 4.3       | B3/2500                 |      |         |
| BM (30°-60°)   | 3715.2  | 8.0       | B3/5000                 |      |         |
| BH (60°-80°)   | 2294.7  | 4.9       | B3/2500                 |      | G3/2500 |
| BVH (80°-90°)  | 198.1   | 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°     | 14157.6 | 14157.6 | 14157.6 | 14157.6 | 14157.6 | 14157.6 | 14157.6 | 14157.6 | 14157.6 | 14157.6 | 14157.6 |
| 2.5°   | 15090.3 | 15289.1 | 15426.6 | 15562.2 | 15668.1 | 15772.2 | 15924.5 | 16076.9 | 16106.6 | 16134.5 | 16075.0 |
| 5°     | 15001.1 | 15486.0 | 15898.5 | 16309.1 | 16690.0 | 17070.9 | 17299.4 | 17527.9 | 17574.4 | 17620.8 | 17477.8 |
| 7.5°   | 14040.6 | 14755.9 | 15471.2 | 16186.5 | 16842.4 | 17498.2 | 17897.7 | 18295.3 | 18386.3 | 18475.5 | 18241.4 |
| 10°    | 12948.1 | 13780.4 | 14659.3 | 15538.1 | 16402.0 | 17266.0 | 17843.8 | 18421.6 | 18536.8 | 18652.0 | 18360.3 |
| 12.5°  | 12117.6 | 13026.1 | 13964.4 | 14902.6 | 15814.9 | 16725.3 | 17323.6 | 17921.8 | 18064.9 | 18207.9 | 17996.1 |
| 15°    | 11798.0 | 12793.9 | 13676.4 | 14558.9 | 15354.1 | 16147.5 | 16638.0 | 17126.6 | 17186.1 | 17243.7 | 17210.2 |
| 17.5°  | 12117.6 | 13215.6 | 14014.5 | 14811.6 | 15244.5 | 15675.6 | 15872.5 | 16067.6 | 16132.6 | 16195.8 | 16281.2 |
| 20°    | 13052.1 | 14237.5 | 14800.5 | 15361.6 | 15343.0 | 15322.5 | 15227.8 | 15131.2 | 15114.5 | 15097.7 | 15339.3 |
| 22.5°  | 14386.1 | 15762.9 | 15987.7 | 16210.6 | 15688.6 | 15166.5 | 14848.8 | 14529.2 | 14466.0 | 14401.0 | 14657.4 |
| 25°    | 15952.4 | 17418.3 | 17377.4 | 17334.7 | 16340.7 | 15344.8 | 14739.1 | 14133.5 | 14062.9 | 13992.2 | 14211.5 |
| 27.5°  | 17656.1 | 19057.0 | 18789.5 | 18521.9 | 17171.2 | 15820.5 | 14941.7 | 14062.9 | 13992.2 | 13921.6 | 14114.9 |
| 30°    | 18988.3 | 20259.1 | 19829.9 | 19400.8 | 17871.7 | 16342.6 | 15298.4 | 14254.2 | 14139.0 | 14022.0 | 14259.8 |
| 32.5°  | 20116.1 | 21197.4 | 20621.4 | 20045.5 | 18440.2 | 16834.9 | 15705.3 | 14575.6 | 14395.4 | 14215.2 | 14532.9 |
| 35°    | 21290.3 | 22133.8 | 21323.7 | 20511.8 | 18947.4 | 17381.2 | 16186.5 | 14990.0 | 14768.9 | 14547.8 | 14984.4 |
| 37.5°  | 22611.3 | 23311.7 | 22148.7 | 20983.7 | 19517.8 | 18051.9 | 16907.4 | 15761.0 | 15534.4 | 15307.7 | 15865.1 |
| 40°    | 24006.6 | 24590.0 | 23038.6 | 21487.2 | 20142.1 | 18796.9 | 17905.1 | 17011.4 | 16795.9 | 16578.5 | 17254.8 |
| 42.5°  | 25227.3 | 25652.8 | 23867.3 | 22081.8 | 20894.5 | 19705.5 | 19077.5 | 18447.6 | 18445.8 | 18442.0 | 19127.6 |
| 45°    | 26147.0 | 26516.7 | 24558.4 | 22598.3 | 21628.4 | 20656.7 | 20329.7 | 20002.7 | 20264.7 | 20526.7 | 21147.2 |
| 47.5°  | 26910.6 | 27161.4 | 25138.1 | 23112.9 | 22468.2 | 21823.5 | 21871.8 | 21920.1 | 22453.4 | 22986.6 | 23386.1 |
| 50°    | 27783.8 | 27581.3 | 25663.9 | 23744.6 | 23545.8 | 23347.0 | 23781.8 | 24214.7 | 24827.8 | 25439.1 | 25710.4 |
| 52.5°  | 28729.5 | 28192.6 | 26377.4 | 24560.3 | 24783.2 | 25006.2 | 25890.6 | 26775.0 | 27393.7 | 28012.4 | 28114.6 |
| 55°    | 30429.6 | 29606.5 | 27689.1 | 25769.8 | 26199.0 | 26626.3 | 27925.0 | 29221.9 | 29705.0 | 30188.0 | 30225.2 |
| 57.5°  | 32345.1 | 31614.9 | 29526.6 | 27438.3 | 27899.0 | 28359.8 | 29859.2 | 31356.7 | 31878.8 | 32399.0 | 32326.5 |
| 60°    | 33082.7 | 33118.0 | 31271.2 | 29422.6 | 29887.0 | 30351.5 | 31811.9 | 33272.2 | 33872.4 | 34470.6 | 34310.8 |
| 62.5°  | 32339.5 | 33210.9 | 32224.4 | 31235.9 | 31657.7 | 32077.6 | 33508.2 | 34938.8 | 35553.8 | 36168.8 | 35890.1 |
| 65°    | 30869.9 | 31733.9 | 32176.0 | 32618.2 | 32757.6 | 32896.9 | 34232.8 | 35566.8 | 36038.7 | 36508.8 | 36367.6 |
| 67.5°  | 29000.8 | 29699.4 | 31330.7 | 32960.1 | 32679.5 | 32399.0 | 33025.1 | 33651.3 | 34136.2 | 34621.1 | 34541.2 |
| 70°    | 26836.3 | 27668.6 | 29844.3 | 32020.0 | 30641.4 | 29260.9 | 29002.7 | 28744.4 | 29268.3 | 29790.4 | 29467.1 |
| 72.5°  | 22955.0 | 24211.0 | 26531.6 | 28850.3 | 26310.5 | 23770.7 | 22888.1 | 22005.6 | 22668.9 | 23332.2 | 22817.5 |
| 75°    | 17338.4 | 19005.0 | 21569.0 | 24131.1 | 21100.8 | 18070.5 | 16892.5 | 15714.6 | 16285.0 | 16855.4 | 16502.3 |
| 77.5°  | 12058.1 | 14148.3 | 16673.3 | 19198.2 | 16117.7 | 13035.4 | 12160.3 | 11283.4 | 11454.3 | 11623.4 | 11563.9 |
| 80°    | 8221.4  | 9596.3  | 11357.7 | 13117.2 | 11066.0 | 9014.8  | 9083.5  | 9150.4  | 9070.5  | 8988.8  | 9107.7  |
| 82.5°  | 5155.8  | 6123.8  | 7483.8  | 8842.0  | 7753.2  | 6664.5  | 7288.8  | 7913.0  | 7606.5  | 7298.0  | 7413.2  |
| 85°    | 2904.0  | 3494.8  | 4825.1  | 6153.5  | 5735.5  | 5315.6  | 5681.6  | 6045.8  | 5570.1  | 5094.5  | 5304.5  |
| 87.5°  | 553.7   | 921.5   | 2669.9  | 4416.4  | 4009.5  | 3602.6  | 3130.7  | 2658.7  | 2028.9  | 1399.0  | 2043.7  |
| 90°    | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 92.5°  | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 95°    | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 97.5°  | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 100°   | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 102.5° | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 105°   | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 107.5° | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 110°   | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |



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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°     | 14157.6 | 14157.6 | 14157.6 | 14157.6 | 14157.6 | 14157.6 | 14157.6 | 14157.6 | 14157.6 | 14157.6 | 14157.6 |
| 2.5°   | 16015.6 | 15984.0 | 15952.4 | 15839.1 | 15723.9 | 15552.9 | 15411.7 | 15166.5 | 15032.7 | 14830.2 | 14627.7 |
| 5°     | 17332.9 | 17132.2 | 16931.5 | 16586.0 | 16238.5 | 15852.1 | 15408.0 | 14915.7 | 14544.1 | 14061.0 | 13577.9 |
| 7.5°   | 18007.3 | 17539.1 | 17069.0 | 16405.7 | 15740.6 | 15142.3 | 14440.0 | 13786.0 | 13228.6 | 12600.6 | 11972.7 |
| 10°    | 18068.6 | 17366.3 | 16662.1 | 15800.0 | 14936.1 | 14209.6 | 13401.4 | 12675.0 | 12006.1 | 11285.2 | 10562.5 |
| 12.5°  | 17782.5 | 17035.6 | 16286.8 | 15337.4 | 14386.1 | 13561.2 | 12691.7 | 11877.9 | 11136.6 | 10343.2 | 9548.0  |
| 15°    | 17176.8 | 16580.4 | 15982.1 | 15092.2 | 14202.2 | 13369.8 | 12526.3 | 11562.0 | 10724.1 | 9912.2  | 9098.4  |
| 17.5°  | 16364.9 | 16082.4 | 15798.2 | 15155.3 | 14510.6 | 13789.7 | 12972.2 | 11840.7 | 10859.7 | 9977.2  | 9094.7  |
| 20°    | 15578.9 | 15683.0 | 15785.2 | 15528.8 | 15272.4 | 14694.6 | 13981.1 | 12710.3 | 11458.0 | 10304.2 | 9148.6  |
| 22.5°  | 14911.9 | 15411.7 | 15909.7 | 16108.5 | 16305.4 | 15958.0 | 15400.6 | 13930.9 | 12273.6 | 10766.8 | 9260.0  |
| 25°    | 14428.9 | 15257.5 | 16086.2 | 16747.6 | 17407.2 | 17253.0 | 16823.8 | 15413.6 | 13355.0 | 11433.8 | 9510.9  |
| 27.5°  | 14308.1 | 15324.4 | 16340.7 | 17366.3 | 18390.0 | 18533.1 | 18414.2 | 16976.1 | 14644.4 | 12262.5 | 9878.7  |
| 30°    | 14497.6 | 15526.9 | 16554.4 | 17802.9 | 19049.6 | 19620.0 | 19779.8 | 18278.5 | 16117.7 | 13228.6 | 10337.7 |
| 32.5°  | 14850.6 | 15859.5 | 16868.4 | 18228.4 | 19586.5 | 20448.6 | 20957.7 | 19469.5 | 17145.2 | 13956.9 | 10766.8 |
| 35°    | 15421.0 | 16364.9 | 17308.7 | 18724.5 | 20140.2 | 21255.0 | 22184.0 | 20699.5 | 18057.5 | 14466.0 | 10872.7 |
| 37.5°  | 16420.6 | 17232.5 | 18044.4 | 19352.4 | 20658.6 | 22104.1 | 23499.4 | 22053.9 | 19044.0 | 14956.5 | 10867.2 |
| 40°    | 17931.1 | 18505.2 | 19077.5 | 20183.0 | 21286.6 | 23105.5 | 24989.5 | 23564.4 | 20134.6 | 15487.9 | 10841.2 |
| 42.5°  | 19813.2 | 20108.6 | 20402.2 | 21277.3 | 22152.4 | 24151.5 | 26342.1 | 25041.5 | 21175.1 | 15982.1 | 10789.1 |
| 45°    | 21765.9 | 21844.0 | 21922.0 | 22473.8 | 23023.8 | 24980.2 | 27263.6 | 26150.7 | 22083.6 | 16411.3 | 10737.1 |
| 47.5°  | 23783.7 | 23516.1 | 23248.6 | 23467.8 | 23687.1 | 25615.6 | 27921.3 | 26992.4 | 22995.9 | 16886.9 | 10776.1 |
| 50°    | 25981.6 | 25236.6 | 24491.5 | 24376.4 | 24261.2 | 26251.0 | 28696.1 | 28062.5 | 24092.1 | 17580.0 | 11067.8 |
| 52.5°  | 28214.9 | 26986.8 | 25758.7 | 25303.5 | 24846.4 | 27009.1 | 29723.5 | 29394.7 | 25656.5 | 18653.9 | 11649.4 |
| 55°    | 30262.4 | 28699.8 | 27137.3 | 26524.1 | 25911.0 | 28168.4 | 30977.7 | 31351.1 | 27661.2 | 20026.9 | 12390.7 |
| 57.5°  | 32252.2 | 30481.6 | 28711.0 | 28142.4 | 27573.9 | 29872.2 | 32566.2 | 33106.9 | 29686.4 | 21344.2 | 13000.1 |
| 60°    | 34151.0 | 32399.0 | 30645.1 | 30189.9 | 29732.8 | 31990.2 | 34283.0 | 33889.1 | 30730.6 | 21961.0 | 13189.6 |
| 62.5°  | 35611.4 | 34217.9 | 32824.5 | 32584.8 | 32343.3 | 34132.5 | 35602.1 | 33584.4 | 30067.3 | 21353.5 | 12639.7 |
| 65°    | 36226.4 | 35433.0 | 34637.8 | 34862.6 | 35085.6 | 35752.6 | 35931.0 | 32692.6 | 27982.6 | 19651.6 | 11320.5 |
| 67.5°  | 34459.5 | 34621.1 | 34782.8 | 35726.6 | 36668.6 | 36209.7 | 34953.7 | 30934.9 | 25015.5 | 17240.0 | 9464.4  |
| 70°    | 29142.0 | 30111.9 | 31079.9 | 33313.1 | 35544.5 | 34526.4 | 32335.8 | 27780.1 | 21444.5 | 14462.3 | 7478.3  |
| 72.5°  | 22301.0 | 23391.6 | 24480.4 | 27795.0 | 31107.7 | 30169.5 | 27486.6 | 22817.5 | 17193.5 | 11549.0 | 5902.7  |
| 75°    | 16147.5 | 17379.3 | 18609.3 | 22265.7 | 25922.2 | 24619.7 | 20560.1 | 16337.0 | 13059.6 | 8816.0  | 4570.6  |
| 77.5°  | 11502.6 | 12327.5 | 13152.5 | 16764.3 | 20374.3 | 18252.5 | 13685.7 | 10993.5 | 9038.9  | 6127.5  | 3214.3  |
| 80°    | 9226.6  | 8973.9  | 8721.2  | 10733.4 | 12745.6 | 12392.6 | 9052.0  | 7060.2  | 6255.7  | 4106.1  | 1956.4  |
| 82.5°  | 7526.6  | 6909.7  | 6292.9  | 7240.4  | 8188.0  | 8136.0  | 6281.7  | 5180.0  | 4656.0  | 2853.8  | 1051.6  |
| 85°    | 5512.5  | 5265.4  | 5018.3  | 5856.3  | 6694.2  | 5978.9  | 4254.7  | 3292.3  | 3630.4  | 2101.3  | 572.2   |
| 87.5°  | 2688.5  | 3071.2  | 3452.1  | 4440.5  | 5427.1  | 4074.5  | 1291.3  | 639.1   | 884.4   | 581.5   | 276.8   |
| 90°    | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 92.5°  | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 95°    | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 97.5°  | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 100°   | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 102.5° | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 105°   | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 107.5° | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 110°   | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |



REPORT NUMBER: P320253  
 CATALOG NUMBER: GLEON-SA9C-727-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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**CANDELA DISTRIBUTION (continued):**

|        | 110°    | 115°    | 120°    | 125°    | 130°    | 135°    | 140°    | 145°    | 150°    | 155°    | 160°    |
|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0°     | 14157.6 | 14157.6 | 14157.6 | 14157.6 | 14157.6 | 14157.6 | 14157.6 | 14157.6 | 14157.6 | 14157.6 | 14157.6 |
| 2.5°   | 14477.2 | 14324.8 | 14152.0 | 13979.2 | 13782.3 | 13583.5 | 13466.4 | 13347.5 | 13219.3 | 13091.1 | 12946.2 |
| 5°     | 13258.4 | 12938.8 | 12576.5 | 12214.2 | 11855.6 | 11497.0 | 11303.8 | 11110.6 | 10906.2 | 10700.0 | 10521.6 |
| 7.5°   | 11508.2 | 11041.8 | 10540.2 | 10036.7 | 9590.8  | 9143.0  | 8866.2  | 8587.5  | 8334.8  | 8080.2  | 7866.6  |
| 10°    | 9967.9  | 9373.4  | 8869.9  | 8364.5  | 8028.2  | 7691.9  | 7437.4  | 7182.8  | 6937.6  | 6690.5  | 6454.5  |
| 12.5°  | 8953.5  | 8358.9  | 8039.4  | 7719.8  | 7441.1  | 7162.4  | 6868.9  | 6573.4  | 6237.2  | 5899.0  | 5651.9  |
| 15°    | 8557.7  | 8017.1  | 7662.2  | 7305.5  | 6932.0  | 6556.7  | 6196.3  | 5835.8  | 5438.2  | 5040.6  | 4760.1  |
| 17.5°  | 8386.8  | 7678.9  | 7182.8  | 6684.9  | 6192.6  | 5700.2  | 5282.2  | 4864.1  | 4429.4  | 3994.6  | 3710.3  |
| 20°    | 8206.6  | 7264.6  | 6599.5  | 5932.4  | 5300.7  | 4669.0  | 4195.3  | 3721.5  | 3333.2  | 2944.9  | 2727.5  |
| 22.5°  | 8043.1  | 6824.3  | 5990.0  | 5154.0  | 4407.1  | 3660.2  | 3195.7  | 2729.3  | 2491.5  | 2253.7  | 2166.4  |
| 25°    | 7976.2  | 6439.7  | 5414.1  | 4388.5  | 3600.7  | 2811.1  | 2480.4  | 2149.7  | 2058.6  | 1965.7  | 1921.1  |
| 27.5°  | 7987.3  | 6095.9  | 4929.2  | 3760.5  | 3050.8  | 2341.0  | 2114.4  | 1887.7  | 1831.9  | 1774.3  | 1746.5  |
| 30°    | 8030.1  | 5722.5  | 4472.1  | 3221.7  | 2636.4  | 2051.2  | 1904.4  | 1755.8  | 1696.3  | 1636.9  | 1601.6  |
| 32.5°  | 8078.4  | 5388.1  | 4119.1  | 2848.2  | 2370.7  | 1891.4  | 1770.6  | 1648.0  | 1590.4  | 1532.8  | 1497.5  |
| 35°    | 7994.8  | 5114.9  | 3877.5  | 2640.2  | 2199.8  | 1757.6  | 1655.4  | 1551.4  | 1488.2  | 1425.1  | 1391.6  |
| 37.5°  | 7853.6  | 4840.0  | 3689.9  | 2538.0  | 2088.3  | 1636.9  | 1562.5  | 1486.4  | 1421.3  | 1354.4  | 1322.9  |
| 40°    | 7725.4  | 4607.7  | 3550.5  | 2491.5  | 2027.0  | 1560.7  | 1497.5  | 1434.3  | 1367.5  | 1298.7  | 1261.6  |
| 42.5°  | 7621.3  | 4451.7  | 3413.1  | 2374.5  | 1971.3  | 1566.3  | 1477.1  | 1386.0  | 1321.0  | 1256.0  | 1215.1  |
| 45°    | 7543.3  | 4349.5  | 3305.3  | 2261.1  | 1919.3  | 1577.4  | 1464.1  | 1350.7  | 1285.7  | 1218.8  | 1170.5  |
| 47.5°  | 7535.9  | 4295.6  | 3229.1  | 2162.7  | 1820.8  | 1477.1  | 1430.6  | 1384.2  | 1289.4  | 1192.8  | 1137.1  |
| 50°    | 7638.0  | 4208.3  | 3139.9  | 2069.8  | 1726.0  | 1382.3  | 1445.5  | 1506.8  | 1345.2  | 1181.7  | 1111.1  |
| 52.5°  | 7851.7  | 4054.1  | 2998.7  | 1943.4  | 1610.8  | 1276.4  | 1374.9  | 1471.5  | 1332.2  | 1190.9  | 1099.9  |
| 55°    | 8110.0  | 3827.4  | 2785.1  | 1740.9  | 1458.5  | 1174.2  | 1261.6  | 1347.0  | 1259.7  | 1170.5  | 1060.9  |
| 57.5°  | 8271.6  | 3541.3  | 2515.7  | 1490.1  | 1287.6  | 1085.0  | 1135.2  | 1183.5  | 1148.2  | 1112.9  | 1001.4  |
| 60°    | 8175.0  | 3160.4  | 2212.8  | 1263.4  | 1137.1  | 1010.7  | 1001.4  | 990.3   | 1042.3  | 1094.3  | 966.1   |
| 62.5°  | 7703.1  | 2766.5  | 1945.3  | 1124.1  | 1029.3  | 932.7   | 912.3   | 890.0   | 975.4   | 1059.0  | 923.4   |
| 65°    | 6906.0  | 2491.5  | 1776.2  | 1060.9  | 955.0   | 849.1   | 826.8   | 804.5   | 830.5   | 856.5   | 793.3   |
| 67.5°  | 5893.4  | 2322.4  | 1679.6  | 1036.7  | 908.5   | 778.5   | 752.5   | 726.5   | 720.9   | 715.3   | 693.0   |
| 70°    | 4849.3  | 2218.4  | 1616.4  | 1014.4  | 858.4   | 700.4   | 676.3   | 652.1   | 644.7   | 635.4   | 618.7   |
| 72.5°  | 4054.1  | 2205.4  | 1609.0  | 1012.6  | 817.5   | 622.4   | 600.1   | 577.8   | 568.5   | 557.4   | 544.4   |
| 75°    | 3320.2  | 2069.8  | 1527.2  | 984.7   | 761.8   | 536.9   | 516.5   | 496.1   | 488.6   | 479.4   | 468.2   |
| 77.5°  | 2463.6  | 1713.0  | 1283.8  | 854.7   | 652.1   | 449.6   | 429.2   | 406.9   | 405.0   | 401.3   | 392.0   |
| 80°    | 1597.8  | 1239.3  | 917.8   | 596.4   | 475.6   | 353.0   | 336.3   | 317.7   | 319.6   | 321.4   | 314.0   |
| 82.5°  | 888.1   | 722.7   | 561.1   | 399.5   | 325.1   | 250.8   | 243.4   | 234.1   | 239.7   | 243.4   | 234.1   |
| 85°    | 468.2   | 364.2   | 301.0   | 237.8   | 187.7   | 137.5   | 137.5   | 135.6   | 143.1   | 150.5   | 143.1   |
| 87.5°  | 202.5   | 128.2   | 109.6   | 89.2    | 50.2    | 9.3     | 11.1    | 11.1    | 14.9    | 18.6    | 16.7    |
| 90°    | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 92.5°  | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 95°    | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 97.5°  | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 100°   | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 102.5° | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 105°   | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 107.5° | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 110°   | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |



REPORT NUMBER: P320253  
 CATALOG NUMBER: GLEON-SA9C-727-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  |



REPORT NUMBER: P320253  
 CATALOG NUMBER: GLEON-SA9C-727-U-SLL

**CANDELA DISTRIBUTION (continued):**

|        | 165°    | 170°    | 175°    | 180°    | 185°    | 190°    | 195°    | 200°    | 205°    | 210°    | 215°    |
|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0°     | 14157.6 | 14157.6 | 14157.6 | 14157.6 | 14157.6 | 14157.6 | 14157.6 | 14157.6 | 14157.6 | 14157.6 | 14157.6 |
| 2.5°   | 12799.4 | 12663.8 | 12526.3 | 12375.8 | 12403.7 | 12288.5 | 12173.3 | 12100.9 | 12028.4 | 12006.1 | 11983.8 |
| 5°     | 10343.2 | 10189.0 | 10033.0 | 9893.6  | 10014.4 | 9932.6  | 9850.9  | 9839.7  | 9826.7  | 9826.7  | 9824.9  |
| 7.5°   | 7652.9  | 7487.6  | 7320.3  | 7205.1  | 7324.1  | 7309.2  | 7294.3  | 7374.2  | 7454.1  | 7519.1  | 7582.3  |
| 10°    | 6218.6  | 6017.9  | 5815.4  | 5644.5  | 5614.7  | 5529.3  | 5441.9  | 5460.5  | 5477.2  | 5547.9  | 5618.5  |
| 12.5°  | 5404.8  | 5165.1  | 4925.4  | 4724.8  | 4633.7  | 4492.5  | 4349.5  | 4260.3  | 4171.1  | 4180.4  | 4187.8  |
| 15°    | 4477.7  | 4245.4  | 4011.3  | 3838.5  | 3780.9  | 3671.3  | 3561.7  | 3450.2  | 3336.9  | 3290.4  | 3242.1  |
| 17.5°  | 3424.2  | 3238.4  | 3050.8  | 2935.6  | 2935.6  | 2904.0  | 2872.4  | 2816.7  | 2759.1  | 2712.6  | 2664.3  |
| 20°    | 2510.1  | 2411.6  | 2311.3  | 2263.0  | 2277.9  | 2279.7  | 2279.7  | 2307.6  | 2335.4  | 2320.6  | 2305.7  |
| 22.5°  | 2077.2  | 2041.9  | 2006.6  | 1986.2  | 1993.6  | 1995.4  | 1997.3  | 2023.3  | 2047.5  | 2066.0  | 2082.8  |
| 25°    | 1874.7  | 1852.4  | 1830.1  | 1822.7  | 1839.4  | 1841.2  | 1841.2  | 1858.0  | 1874.7  | 1893.3  | 1911.8  |
| 27.5°  | 1716.7  | 1707.5  | 1698.2  | 1685.2  | 1701.9  | 1701.9  | 1700.0  | 1718.6  | 1735.3  | 1752.1  | 1766.9  |
| 30°    | 1566.3  | 1570.0  | 1571.8  | 1568.1  | 1579.3  | 1586.7  | 1592.3  | 1605.3  | 1616.4  | 1629.4  | 1642.4  |
| 32.5°  | 1460.4  | 1454.8  | 1449.2  | 1445.5  | 1469.6  | 1482.6  | 1495.7  | 1508.7  | 1519.8  | 1525.4  | 1531.0  |
| 35°    | 1358.2  | 1345.2  | 1332.2  | 1322.9  | 1345.2  | 1361.9  | 1378.6  | 1402.8  | 1425.1  | 1428.8  | 1432.5  |
| 37.5°  | 1289.4  | 1272.7  | 1256.0  | 1244.8  | 1254.1  | 1261.6  | 1269.0  | 1295.0  | 1321.0  | 1335.9  | 1348.9  |
| 40°    | 1224.4  | 1207.7  | 1190.9  | 1181.7  | 1187.2  | 1189.1  | 1190.9  | 1204.0  | 1215.1  | 1243.0  | 1269.0  |
| 42.5°  | 1172.4  | 1151.9  | 1131.5  | 1120.3  | 1124.1  | 1127.8  | 1129.6  | 1127.8  | 1125.9  | 1151.9  | 1177.9  |
| 45°    | 1120.3  | 1098.1  | 1075.8  | 1062.7  | 1064.6  | 1064.6  | 1064.6  | 1060.9  | 1055.3  | 1068.3  | 1081.3  |
| 47.5°  | 1079.5  | 1053.5  | 1027.4  | 1014.4  | 1010.7  | 1007.0  | 1003.3  | 1001.4  | 997.7   | 1007.0  | 1014.4  |
| 50°    | 1038.6  | 1010.7  | 981.0   | 966.1   | 956.8   | 953.1   | 949.4   | 947.6   | 943.8   | 953.1   | 960.6   |
| 52.5°  | 1007.0  | 973.6   | 940.1   | 916.0   | 906.7   | 901.1   | 895.5   | 897.4   | 897.4   | 901.1   | 903.0   |
| 55°    | 951.3   | 921.5   | 890.0   | 873.2   | 856.5   | 852.8   | 849.1   | 854.7   | 858.4   | 858.4   | 858.4   |
| 57.5°  | 890.0   | 862.1   | 832.4   | 821.2   | 806.4   | 806.4   | 804.5   | 811.9   | 817.5   | 821.2   | 824.9   |
| 60°    | 836.1   | 804.5   | 772.9   | 763.6   | 758.0   | 756.2   | 754.3   | 763.6   | 771.1   | 778.5   | 785.9   |
| 62.5°  | 785.9   | 752.5   | 719.0   | 707.9   | 706.0   | 707.9   | 707.9   | 717.2   | 724.6   | 732.0   | 739.5   |
| 65°    | 730.2   | 696.7   | 661.4   | 650.3   | 654.0   | 659.6   | 665.1   | 672.6   | 678.2   | 685.6   | 693.0   |
| 67.5°  | 668.9   | 641.0   | 611.3   | 600.1   | 602.0   | 609.4   | 616.8   | 622.4   | 626.1   | 633.6   | 641.0   |
| 70°    | 602.0   | 577.8   | 553.7   | 546.2   | 544.4   | 553.7   | 561.1   | 564.8   | 568.5   | 577.8   | 585.3   |
| 72.5°  | 529.5   | 509.1   | 488.6   | 483.1   | 484.9   | 490.5   | 496.1   | 501.6   | 505.4   | 514.7   | 522.1   |
| 75°    | 455.2   | 436.6   | 418.0   | 414.3   | 418.0   | 423.6   | 429.2   | 432.9   | 436.6   | 447.8   | 457.1   |
| 77.5°  | 382.7   | 362.3   | 340.0   | 338.1   | 343.7   | 349.3   | 353.0   | 358.6   | 364.2   | 379.0   | 393.9   |
| 80°    | 306.6   | 284.3   | 260.1   | 258.3   | 263.8   | 269.4   | 275.0   | 280.6   | 286.1   | 304.7   | 321.4   |
| 82.5°  | 224.8   | 198.8   | 172.8   | 169.1   | 187.7   | 193.2   | 198.8   | 208.1   | 215.5   | 232.2   | 249.0   |
| 85°    | 135.6   | 109.6   | 83.6    | 81.7    | 98.5    | 107.8   | 117.1   | 128.2   | 137.5   | 152.4   | 167.2   |
| 87.5°  | 14.9    | 7.4     | 0.0     | 0.0     | 1.9     | 9.3     | 16.7    | 26.0    | 35.3    | 50.2    | 63.2    |
| 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: P320253  
 CATALOG NUMBER: GLEON-SA9C-727-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°     | 14157.6 | 14157.6 | 14157.6 | 14157.6 | 14157.6 | 14157.6 | 14157.6 | 14157.6 | 14157.6 | 14157.6 | 14157.6 |
| 2.5°   | 11902.1 | 11818.4 | 11903.9 | 11987.5 | 12022.8 | 12058.1 | 11967.1 | 11874.2 | 12019.1 | 12162.2 | 12199.3 |
| 5°     | 9750.5  | 9674.4  | 9732.0  | 9787.7  | 9663.2  | 9538.7  | 9525.7  | 9510.9  | 9618.6  | 9726.4  | 9743.1  |
| 7.5°   | 7558.2  | 7534.0  | 7587.9  | 7641.8  | 7483.8  | 7324.1  | 7246.0  | 7168.0  | 7194.0  | 7220.0  | 7216.3  |
| 10°    | 5635.2  | 5650.0  | 5716.9  | 5782.0  | 5659.3  | 5536.7  | 5482.8  | 5428.9  | 5488.4  | 5546.0  | 5599.9  |
| 12.5°  | 4221.3  | 4252.9  | 4323.5  | 4392.2  | 4342.0  | 4290.0  | 4295.6  | 4301.2  | 4369.9  | 4436.8  | 4496.2  |
| 15°    | 3279.3  | 3316.4  | 3366.6  | 3414.9  | 3416.8  | 3416.8  | 3465.1  | 3511.5  | 3506.0  | 3500.4  | 3541.3  |
| 17.5°  | 2714.5  | 2762.8  | 2768.4  | 2773.9  | 2775.8  | 2777.6  | 2773.9  | 2770.2  | 2742.3  | 2714.5  | 2746.1  |
| 20°    | 2324.3  | 2341.0  | 2355.9  | 2368.9  | 2352.2  | 2333.6  | 2287.1  | 2240.7  | 2222.1  | 2203.5  | 2233.3  |
| 22.5°  | 2114.4  | 2144.1  | 2129.2  | 2112.5  | 2079.1  | 2043.7  | 2008.4  | 1971.3  | 1969.4  | 1965.7  | 1982.4  |
| 25°    | 1937.8  | 1962.0  | 1936.0  | 1910.0  | 1885.8  | 1861.7  | 1837.5  | 1813.4  | 1811.5  | 1809.6  | 1817.1  |
| 27.5°  | 1791.1  | 1813.4  | 1789.2  | 1765.1  | 1744.6  | 1724.2  | 1705.6  | 1687.0  | 1683.3  | 1679.6  | 1681.4  |
| 30°    | 1664.7  | 1685.2  | 1664.7  | 1642.4  | 1627.6  | 1610.8  | 1597.8  | 1584.8  | 1583.0  | 1581.1  | 1581.1  |
| 32.5°  | 1551.4  | 1571.8  | 1557.0  | 1542.1  | 1529.1  | 1516.1  | 1506.8  | 1497.5  | 1488.2  | 1478.9  | 1458.5  |
| 35°    | 1452.9  | 1473.4  | 1464.1  | 1452.9  | 1438.1  | 1423.2  | 1406.5  | 1387.9  | 1363.7  | 1337.7  | 1326.6  |
| 37.5°  | 1369.3  | 1389.7  | 1380.5  | 1371.2  | 1350.7  | 1330.3  | 1300.6  | 1269.0  | 1261.6  | 1252.3  | 1250.4  |
| 40°    | 1302.4  | 1334.0  | 1315.4  | 1295.0  | 1263.4  | 1231.8  | 1217.0  | 1202.1  | 1198.4  | 1194.7  | 1190.9  |
| 42.5°  | 1228.1  | 1276.4  | 1243.0  | 1209.5  | 1179.8  | 1150.1  | 1146.4  | 1142.6  | 1140.8  | 1138.9  | 1138.9  |
| 45°    | 1135.2  | 1187.2  | 1153.8  | 1118.5  | 1101.8  | 1085.0  | 1085.0  | 1085.0  | 1086.9  | 1086.9  | 1090.6  |
| 47.5°  | 1047.9  | 1079.5  | 1062.7  | 1046.0  | 1036.7  | 1027.4  | 1029.3  | 1031.2  | 1036.7  | 1040.5  | 1049.7  |
| 50°    | 973.6   | 984.7   | 988.4   | 990.3   | 984.7   | 979.1   | 982.9   | 984.7   | 990.3   | 994.0   | 1001.4  |
| 52.5°  | 919.7   | 936.4   | 936.4   | 934.6   | 934.6   | 934.6   | 938.3   | 942.0   | 947.6   | 953.1   | 960.6   |
| 55°    | 884.4   | 908.5   | 901.1   | 893.7   | 895.5   | 895.5   | 899.2   | 903.0   | 908.5   | 912.3   | 923.4   |
| 57.5°  | 850.9   | 877.0   | 869.5   | 862.1   | 862.1   | 862.1   | 863.9   | 865.8   | 871.4   | 875.1   | 882.5   |
| 60°    | 811.9   | 837.9   | 830.5   | 821.2   | 823.1   | 824.9   | 826.8   | 826.8   | 830.5   | 832.4   | 832.4   |
| 62.5°  | 765.5   | 791.5   | 784.1   | 774.8   | 780.3   | 784.1   | 784.1   | 784.1   | 787.8   | 789.6   | 784.1   |
| 65°    | 717.2   | 741.3   | 733.9   | 726.5   | 733.9   | 739.5   | 743.2   | 745.0   | 743.2   | 741.3   | 735.7   |
| 67.5°  | 665.1   | 689.3   | 681.9   | 672.6   | 681.9   | 689.3   | 696.7   | 702.3   | 696.7   | 691.2   | 683.7   |
| 70°    | 609.4   | 633.6   | 624.3   | 615.0   | 624.3   | 633.6   | 641.0   | 648.4   | 641.0   | 633.6   | 631.7   |
| 72.5°  | 550.0   | 577.8   | 566.7   | 555.5   | 566.7   | 577.8   | 581.5   | 585.3   | 579.7   | 574.1   | 570.4   |
| 75°    | 484.9   | 512.8   | 503.5   | 492.4   | 501.6   | 510.9   | 512.8   | 514.7   | 514.7   | 512.8   | 501.6   |
| 77.5°  | 416.2   | 438.5   | 432.9   | 427.3   | 432.9   | 438.5   | 438.5   | 438.5   | 440.3   | 440.3   | 425.5   |
| 80°    | 334.4   | 347.4   | 349.3   | 351.2   | 353.0   | 354.9   | 353.0   | 351.2   | 347.4   | 343.7   | 334.4   |
| 82.5°  | 249.0   | 249.0   | 263.8   | 276.8   | 276.8   | 275.0   | 273.1   | 269.4   | 262.0   | 252.7   | 232.2   |
| 85°    | 157.9   | 148.6   | 172.8   | 195.1   | 195.1   | 193.2   | 189.5   | 183.9   | 169.1   | 152.4   | 135.6   |
| 87.5°  | 53.9    | 44.6    | 68.7    | 92.9    | 94.8    | 94.8    | 91.0    | 87.3    | 72.5    | 55.7    | 42.7    |
| 90°    | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 92.5°  | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 95°    | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 97.5°  | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 100°   | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 102.5° | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 105°   | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 107.5° | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 110°   | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |



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 CATALOG NUMBER: GLEON-SA9C-727-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-SA9C-727-U-SLL

**CANDELA DISTRIBUTION (continued):**

|        | 275°    | 280°    | 285°    | 290°    | 295°    | 300°    | 305°    | 310°    | 315°    | 320°    | 325°    |
|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0°     | 14157.6 | 14157.6 | 14157.6 | 14157.6 | 14157.6 | 14157.6 | 14157.6 | 14157.6 | 14157.6 | 14157.6 | 14157.6 |
| 2.5°   | 12255.1 | 12279.2 | 12301.5 | 12483.6 | 12663.8 | 12875.6 | 13087.4 | 13249.1 | 13408.9 | 13574.2 | 13739.6 |
| 5°     | 9800.7  | 9830.4  | 9860.2  | 10081.3 | 10300.5 | 10595.9 | 10891.3 | 11145.9 | 11400.4 | 11699.5 | 11998.7 |
| 7.5°   | 7264.6  | 7329.6  | 7392.8  | 7628.8  | 7862.9  | 8180.6  | 8496.4  | 8829.0  | 9159.7  | 9549.9  | 9940.1  |
| 10°    | 5705.8  | 5828.4  | 5949.2  | 6190.7  | 6432.2  | 6746.2  | 7058.4  | 7405.8  | 7753.2  | 8137.8  | 8520.6  |
| 12.5°  | 4618.9  | 4782.4  | 4944.0  | 5233.9  | 5523.7  | 5899.0  | 6272.5  | 6658.9  | 7043.5  | 7381.7  | 7719.8  |
| 15°    | 3649.0  | 3827.4  | 4003.9  | 4310.5  | 4617.0  | 5029.5  | 5440.1  | 5861.8  | 6281.7  | 6686.8  | 7091.8  |
| 17.5°  | 2846.4  | 2993.2  | 3138.1  | 3398.2  | 3656.5  | 4055.9  | 4455.4  | 4897.6  | 5339.8  | 5834.0  | 6326.3  |
| 20°    | 2296.4  | 2357.7  | 2419.1  | 2606.7  | 2792.5  | 3117.6  | 3440.9  | 3892.4  | 4343.9  | 4934.7  | 5525.6  |
| 22.5°  | 2012.2  | 2043.7  | 2073.5  | 2164.5  | 2253.7  | 2463.6  | 2671.7  | 3071.2  | 3468.8  | 4113.5  | 4756.4  |
| 25°    | 1841.2  | 1865.4  | 1889.5  | 1949.0  | 2008.4  | 2108.8  | 2209.1  | 2489.7  | 2770.2  | 3403.8  | 4035.5  |
| 27.5°  | 1687.0  | 1724.2  | 1759.5  | 1787.4  | 1813.4  | 1882.1  | 1949.0  | 2132.9  | 2316.9  | 2907.7  | 3496.7  |
| 30°    | 1575.5  | 1588.6  | 1601.6  | 1644.3  | 1685.2  | 1755.8  | 1826.4  | 1954.6  | 2082.8  | 2582.6  | 3080.5  |
| 32.5°  | 1445.5  | 1464.1  | 1482.6  | 1527.2  | 1571.8  | 1636.9  | 1701.9  | 1805.9  | 1908.1  | 2335.4  | 2760.9  |
| 35°    | 1328.4  | 1347.0  | 1365.6  | 1410.2  | 1452.9  | 1523.5  | 1592.3  | 1679.6  | 1765.1  | 2136.6  | 2508.2  |
| 37.5°  | 1256.0  | 1274.6  | 1293.1  | 1332.2  | 1369.3  | 1439.9  | 1508.7  | 1577.4  | 1644.3  | 1988.0  | 2331.7  |
| 40°    | 1194.7  | 1213.2  | 1231.8  | 1269.0  | 1304.3  | 1373.0  | 1439.9  | 1497.5  | 1555.1  | 1876.5  | 2198.0  |
| 42.5°  | 1140.8  | 1161.2  | 1181.7  | 1218.8  | 1254.1  | 1315.4  | 1376.7  | 1452.9  | 1527.2  | 1779.9  | 2030.7  |
| 45°    | 1096.2  | 1116.6  | 1135.2  | 1176.1  | 1217.0  | 1276.4  | 1335.9  | 1441.8  | 1547.7  | 1729.8  | 1911.8  |
| 47.5°  | 1055.3  | 1077.6  | 1098.1  | 1142.6  | 1187.2  | 1261.6  | 1334.0  | 1423.2  | 1510.5  | 1690.7  | 1871.0  |
| 50°    | 1016.3  | 1042.3  | 1068.3  | 1122.2  | 1174.2  | 1298.7  | 1421.3  | 1434.3  | 1445.5  | 1659.2  | 1871.0  |
| 52.5°  | 979.1   | 1008.9  | 1038.6  | 1105.5  | 1170.5  | 1315.4  | 1460.4  | 1413.9  | 1365.6  | 1599.7  | 1833.8  |
| 55°    | 942.0   | 968.0   | 992.1   | 1073.9  | 1155.6  | 1261.6  | 1367.5  | 1306.1  | 1243.0  | 1488.2  | 1733.5  |
| 57.5°  | 891.8   | 919.7   | 945.7   | 1033.0  | 1120.3  | 1194.7  | 1267.1  | 1211.4  | 1153.8  | 1361.9  | 1568.1  |
| 60°    | 839.8   | 871.4   | 903.0   | 1014.4  | 1124.1  | 1111.1  | 1096.2  | 1085.0  | 1072.0  | 1220.7  | 1369.3  |
| 62.5°  | 793.3   | 826.8   | 860.2   | 1005.2  | 1150.1  | 1060.9  | 971.7   | 981.0   | 988.4   | 1098.1  | 1207.7  |
| 65°    | 746.9   | 780.3   | 811.9   | 884.4   | 956.8   | 921.5   | 886.2   | 901.1   | 914.1   | 1021.9  | 1129.6  |
| 67.5°  | 694.9   | 724.6   | 752.5   | 776.6   | 800.8   | 804.5   | 808.2   | 823.1   | 837.9   | 966.1   | 1092.5  |
| 70°    | 637.3   | 661.4   | 685.6   | 702.3   | 717.2   | 724.6   | 730.2   | 748.8   | 767.3   | 906.7   | 1046.0  |
| 72.5°  | 572.2   | 592.7   | 611.3   | 626.1   | 641.0   | 646.6   | 650.3   | 668.9   | 687.4   | 836.1   | 984.7   |
| 75°    | 501.6   | 518.4   | 533.2   | 546.2   | 559.2   | 566.7   | 574.1   | 587.1   | 600.1   | 761.8   | 921.5   |
| 77.5°  | 423.6   | 440.3   | 455.2   | 466.3   | 475.6   | 483.1   | 488.6   | 505.4   | 522.1   | 657.7   | 791.5   |
| 80°    | 330.7   | 351.2   | 369.7   | 379.0   | 386.5   | 388.3   | 388.3   | 403.2   | 418.0   | 514.7   | 609.4   |
| 82.5°  | 234.1   | 256.4   | 276.8   | 284.3   | 291.7   | 291.7   | 291.7   | 308.4   | 325.1   | 390.2   | 453.3   |
| 85°    | 137.5   | 161.6   | 183.9   | 191.4   | 198.8   | 202.5   | 204.4   | 211.8   | 217.4   | 263.8   | 308.4   |
| 87.5°  | 42.7    | 63.2    | 81.7    | 85.5    | 89.2    | 96.6    | 104.0   | 105.9   | 105.9   | 137.5   | 169.1   |
| 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-SA9C-727-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-SA9C-727-U-SLL

**CANDELA DISTRIBUTION (continued):**

|        | 330°    | 335°    | 340°    | 345°    | 350°    | 355°    | 360°    |
|--------|---------|---------|---------|---------|---------|---------|---------|
| 0°     | 14157.6 | 14157.6 | 14157.6 | 14157.6 | 14157.6 | 14157.6 | 14157.6 |
| 2.5°   | 13929.1 | 14118.6 | 14339.7 | 14558.9 | 14746.6 | 14934.2 | 15090.3 |
| 5°     | 12379.5 | 12760.4 | 13226.8 | 13691.3 | 14105.6 | 14519.9 | 15001.1 |
| 7.5°   | 10432.4 | 10924.8 | 11528.6 | 12132.4 | 12717.7 | 13301.1 | 14040.6 |
| 10°    | 9022.2  | 9522.0  | 10161.1 | 10798.4 | 11456.1 | 12112.0 | 12948.1 |
| 12.5°  | 8126.7  | 8531.7  | 9150.4  | 9769.1  | 10542.0 | 11313.1 | 12117.6 |
| 15°    | 7535.9  | 7978.1  | 8580.0  | 9182.0  | 10027.4 | 10872.7 | 11798.0 |
| 17.5°  | 6906.0  | 7483.8  | 8254.9  | 9025.9  | 10027.4 | 11027.0 | 12117.6 |
| 20°    | 6246.4  | 6965.5  | 7965.0  | 8964.6  | 10313.5 | 11660.5 | 13052.1 |
| 22.5°  | 5588.7  | 6421.1  | 7703.1  | 8983.2  | 10746.4 | 12507.7 | 14386.1 |
| 25°    | 4996.0  | 5956.6  | 7543.3  | 9128.1  | 11376.3 | 13622.5 | 15952.4 |
| 27.5°  | 4546.4  | 5594.3  | 7478.3  | 9360.4  | 12175.2 | 14990.0 | 17656.1 |
| 30°    | 4147.0  | 5213.4  | 7400.2  | 9587.0  | 12944.4 | 16299.8 | 18988.3 |
| 32.5°  | 3801.4  | 4841.8  | 7249.7  | 9655.8  | 13481.3 | 17306.8 | 20116.1 |
| 35°    | 3530.1  | 4552.0  | 6997.1  | 9442.1  | 13817.6 | 18193.1 | 21290.3 |
| 37.5°  | 3296.0  | 4260.3  | 6709.1  | 9157.9  | 14116.7 | 19075.6 | 22611.3 |
| 40°    | 3073.1  | 3948.2  | 6462.0  | 8973.9  | 14529.2 | 20084.5 | 24006.6 |
| 42.5°  | 2861.2  | 3691.8  | 6263.2  | 8834.6  | 14911.9 | 20987.4 | 25227.3 |
| 45°    | 2703.3  | 3494.8  | 6086.7  | 8676.6  | 15159.0 | 21641.4 | 26147.0 |
| 47.5°  | 2625.3  | 3377.8  | 5991.9  | 8604.2  | 15406.2 | 22206.3 | 26910.6 |
| 50°    | 2614.1  | 3357.3  | 6099.7  | 8842.0  | 15941.2 | 23038.6 | 27783.8 |
| 52.5°  | 2612.3  | 3390.8  | 6409.9  | 9429.1  | 16935.2 | 24439.5 | 28729.5 |
| 55°    | 2573.3  | 3411.2  | 6779.7  | 10146.3 | 18269.3 | 26390.4 | 30429.6 |
| 57.5°  | 2454.4  | 3340.6  | 7160.6  | 10978.6 | 19679.4 | 28378.4 | 32345.1 |
| 60°    | 2270.4  | 3169.7  | 7474.5  | 11777.6 | 20627.0 | 29474.6 | 33082.7 |
| 62.5°  | 2040.0  | 2870.5  | 7578.6  | 12284.8 | 20601.0 | 28917.2 | 32339.5 |
| 65°    | 1843.1  | 2556.5  | 7236.7  | 11915.1 | 19558.7 | 27200.4 | 30869.9 |
| 67.5°  | 1668.4  | 2242.6  | 6382.1  | 10519.7 | 17684.0 | 24846.4 | 29000.8 |
| 70°    | 1542.1  | 2036.3  | 5280.3  | 8524.3  | 15337.4 | 22148.7 | 26836.3 |
| 72.5°  | 1462.2  | 1937.8  | 4304.9  | 6670.1  | 12446.4 | 18221.0 | 22955.0 |
| 75°    | 1352.6  | 1783.6  | 3377.8  | 4970.0  | 9525.7  | 14081.4 | 17338.4 |
| 77.5°  | 1148.2  | 1503.1  | 2545.4  | 3587.7  | 6989.6  | 10389.7 | 12058.1 |
| 80°    | 886.2   | 1161.2  | 1750.2  | 2339.2  | 4810.2  | 7281.3  | 8221.4  |
| 82.5°  | 631.7   | 810.1   | 1060.9  | 1311.7  | 3195.7  | 5077.8  | 5155.8  |
| 85°    | 390.2   | 471.9   | 607.6   | 743.2   | 2114.4  | 3485.5  | 2904.0  |
| 87.5°  | 209.9   | 250.8   | 321.4   | 390.2   | 676.3   | 962.4   | 553.7   |
| 90°    | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 92.5°  | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 95°    | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 97.5°  | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 100°   | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 102.5° | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 105°   | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 107.5° | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 110°   | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |



REPORT NUMBER: P320253  
 CATALOG NUMBER: GLEON-SA9C-727-U-SLL

**CANDELA DISTRIBUTION (continued):**

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

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



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

Report Prepared for

Cooper Lighting Solutions

McGRAW-EDISON

Report Number: SP1-1908-441-1-R4

Test Date: 08/20/2019

Luminaire Tested: SA1C-727-U-5WQ

**Test Information**

Test Method: LM-79-2008  
 Report Number: SP1-1908-441-1-R4  
 Test Lab: COOPER LIGHTING SOLUTIONS  
 Photometer: SP1 - 76IN SPHERE  
 Measurement Geometry: 4π  
 Issue Date: 10/28/2024  
 Manufacturer: COOPER LIGHTING SOLUTIONS  
 Product Line: McGRAW-EDISON  
 Catalog Number: **SA1C-727-U-5WQ**  
 Description: McGRAW EDISON ROADWAY AND AREA LUMINAIRE

\*\*\*THIS IS A REVISION OF SP1-1908-441-1-R3. TO UPDATE THE CATALOG NUMBER.\*\*\*TESTED IN  
 SITU. (1) 70 CRI, 2700K, 1050MA LIGHTSQUARE WITH 16 LEDS AND TYPE V WIDE OPTICS.

**Spectral Parameters**

CCT (K): 2741  
 CIE u': 0.2605  
 CIE v': 0.5272  
 Duv: 0.0005  
 CIE x: 0.4573  
 CIE y: 0.4113  
 CIE z: 0.1313  
 Peak Wavelength (nm): 602  
 Dominant Wavelength (nm): 583  
 Purity: 61.2  
 Rf: 69.9  
 Rg: 98.3

|           |      |      |       |
|-----------|------|------|-------|
| CRI (Ra): | 71.5 |      |       |
| R1:       | 69.2 | R9:  | -16.1 |
| R2:       | 79.4 | R10: | 51.4  |
| R3:       | 87.8 | R11: | 63.1  |
| R4:       | 69.4 | R12: | 42.0  |
| R5:       | 66.4 | R13: | 70.2  |
| R6:       | 69.8 | R14: | 92.4  |
| R7:       | 79.8 |      |       |
| R8:       | 50.1 |      |       |



**Test Conditions**

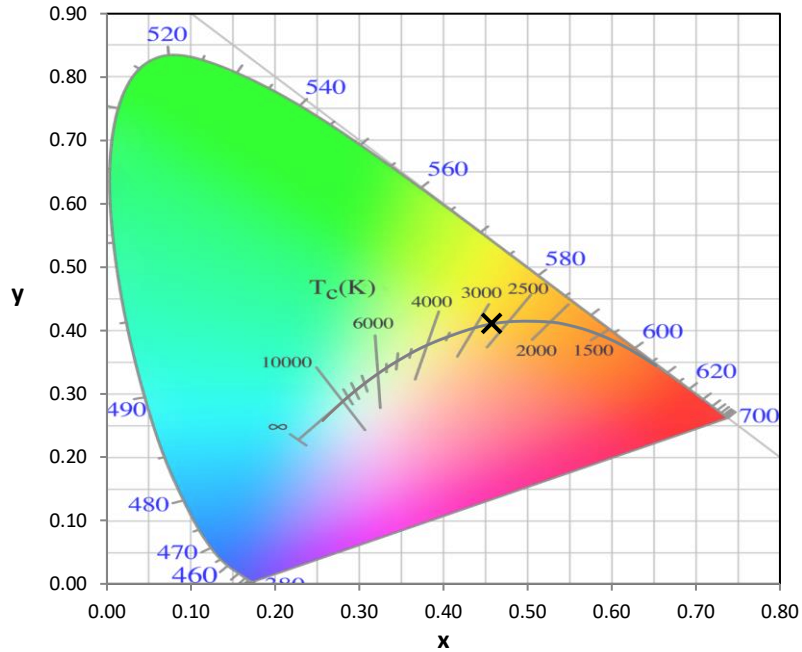
Stabilization Time: 56M  
 Operation Time: 12H  
 Room Temperature (°C) / RH%: 25.3./42%  
 Sphere Temperature (°C): 25.7

REPORT NUMBER: SP1-1908-441-1-R4

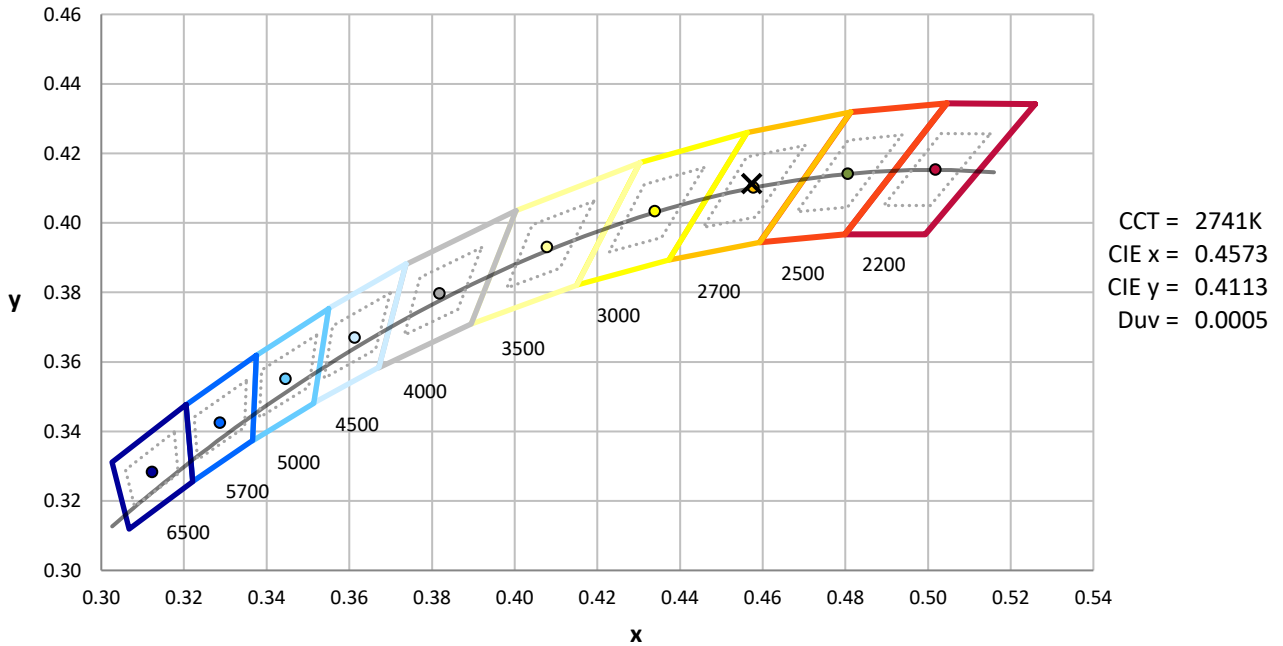
| Measurement and Test Equipment |                       |                  |                      |
|--------------------------------|-----------------------|------------------|----------------------|
| Instrument                     | Identification Number | Calibration Date | Calibration Due Date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

REPORT NUMBER: SP1-1908-441-1-R4

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: SP1-1908-441-1-R4

**Photopic Flux vs. Wavelength**

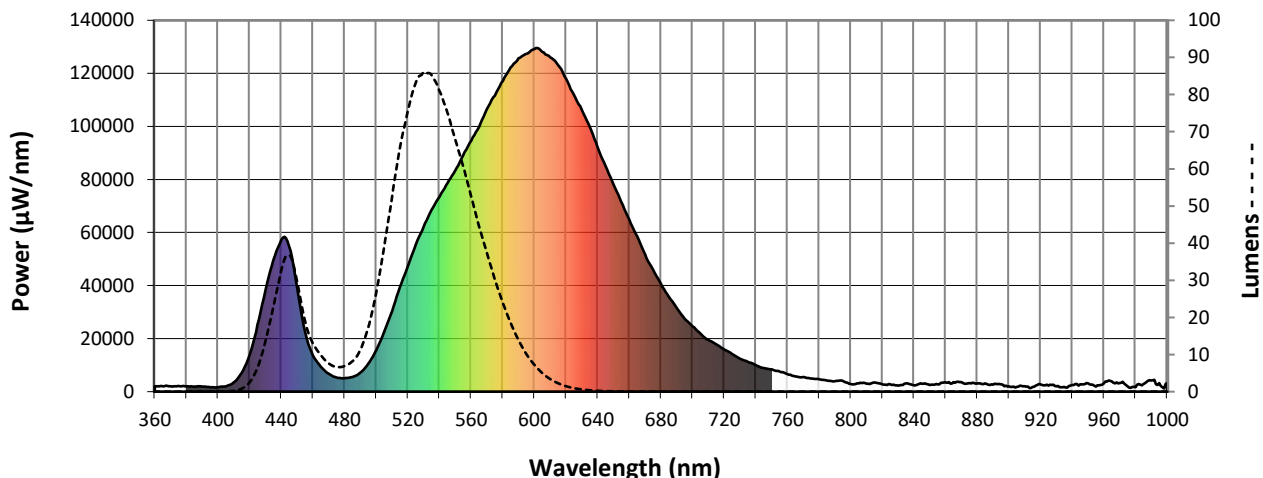


**Photopic Lumens: 6211.7**

| $\lambda$<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               | 2044                                 | 0.0                            | 490               | 7179                                 | 1.0                            | 620               | 118034                               | 30.7                           | 750               | 8362                                 | 0.0                            | 880               | 3128                                 | 0.0                            |
| 365               | 2016                                 | 0.0                            | 495               | 10476                                | 1.9                            | 625               | 111884                               | 24.7                           | 755               | 7635                                 | 0.0                            | 885               | 3110                                 | 0.0                            |
| 370               | 2020                                 | 0.0                            | 500               | 15549                                | 3.4                            | 630               | 106119                               | 19.2                           | 760               | 6582                                 | 0.0                            | 890               | 2632                                 | 0.0                            |
| 375               | 2137                                 | 0.0                            | 505               | 22477                                | 6.3                            | 635               | 99706                                | 15.0                           | 765               | 5777                                 | 0.0                            | 895               | 2709                                 | 0.0                            |
| 380               | 2046                                 | 0.0                            | 510               | 30417                                | 10.4                           | 640               | 92142                                | 11.0                           | 770               | 5474                                 | 0.0                            | 900               | 2016                                 | 0.0                            |
| 385               | 1925                                 | 0.0                            | 515               | 39274                                | 16.3                           | 645               | 84987                                | 8.2                            | 775               | 4977                                 | 0.0                            | 905               | 1748                                 | 0.0                            |
| 390               | 1893                                 | 0.0                            | 520               | 47282                                | 22.9                           | 650               | 78016                                | 5.7                            | 780               | 4723                                 | 0.0                            | 910               | 2046                                 | 0.0                            |
| 395               | 1695                                 | 0.0                            | 525               | 55413                                | 29.7                           | 655               | 71541                                | 4.1                            | 785               | 4219                                 | 0.0                            | 915               | 1844                                 | 0.0                            |
| 400               | 1633                                 | 0.0                            | 530               | 62377                                | 36.7                           | 660               | 64863                                | 2.7                            | 790               | 3969                                 | 0.0                            | 920               | 2734                                 | 0.0                            |
| 405               | 2065                                 | 0.0                            | 535               | 68520                                | 42.5                           | 665               | 58485                                | 1.9                            | 795               | 4122                                 | 0.0                            | 925               | 2307                                 | 0.0                            |
| 410               | 3449                                 | 0.0                            | 540               | 73435                                | 47.8                           | 670               | 51641                                | 1.1                            | 800               | 2864                                 | 0.0                            | 930               | 2039                                 | 0.0                            |
| 415               | 7117                                 | 0.0                            | 545               | 78677                                | 52.4                           | 675               | 46030                                | 0.8                            | 805               | 3151                                 | 0.0                            | 935               | 1784                                 | 0.0                            |
| 420               | 13992                                | 0.0                            | 550               | 83331                                | 56.6                           | 680               | 40590                                | 0.5                            | 810               | 3022                                 | 0.0                            | 940               | 2464                                 | 0.0                            |
| 425               | 25176                                | 0.1                            | 555               | 89120                                | 60.9                           | 685               | 35691                                | 0.3                            | 815               | 3471                                 | 0.0                            | 945               | 2794                                 | 0.0                            |
| 430               | 38151                                | 0.3                            | 560               | 94613                                | 64.3                           | 690               | 31631                                | 0.2                            | 820               | 2749                                 | 0.0                            | 950               | 3090                                 | 0.0                            |
| 435               | 49673                                | 0.6                            | 565               | 99818                                | 66.4                           | 695               | 27437                                | 0.1                            | 825               | 2729                                 | 0.0                            | 955               | 1866                                 | 0.0                            |
| 440               | 57273                                | 0.9                            | 570               | 106526                               | 69.3                           | 700               | 24589                                | 0.1                            | 830               | 2282                                 | 0.0                            | 960               | 3110                                 | 0.0                            |
| 445               | 54802                                | 1.1                            | 575               | 111610                               | 69.4                           | 705               | 21832                                | 0.0                            | 835               | 3140                                 | 0.0                            | 965               | 3880                                 | 0.0                            |
| 450               | 39184                                | 1.0                            | 580               | 117163                               | 69.6                           | 710               | 19500                                | 0.0                            | 840               | 2365                                 | 0.0                            | 970               | 3243                                 | 0.0                            |
| 455               | 22506                                | 0.8                            | 585               | 122201                               | 67.9                           | 715               | 17870                                | 0.0                            | 845               | 3024                                 | 0.0                            | 975               | 2014                                 | 0.0                            |
| 460               | 13692                                | 0.6                            | 590               | 125662                               | 65.0                           | 720               | 15924                                | 0.0                            | 850               | 2510                                 | 0.0                            | 980               | 1688                                 | 0.0                            |
| 465               | 9446                                 | 0.5                            | 595               | 127415                               | 60.4                           | 725               | 14268                                | 0.0                            | 855               | 2739                                 | 0.0                            | 985               | 2827                                 | 0.0                            |
| 470               | 6698                                 | 0.4                            | 600               | 129155                               | 55.7                           | 730               | 12438                                | 0.0                            | 860               | 3515                                 | 0.0                            | 990               | 4172                                 | 0.0                            |
| 475               | 5328                                 | 0.4                            | 605               | 128057                               | 49.6                           | 735               | 11255                                | 0.0                            | 865               | 3600                                 | 0.0                            | 995               | 3177                                 | 0.0                            |
| 480               | 5081                                 | 0.5                            | 610               | 126031                               | 43.3                           | 740               | 9951                                 | 0.0                            | 870               | 3609                                 | 0.0                            | 1000              | 3241                                 | 0.0                            |
| 485               | 5579                                 | 0.7                            | 615               | 123059                               | 37.1                           | 745               | 8870                                 | 0.0                            | 875               | 3208                                 | 0.0                            |                   |                                      |                                |

REPORT NUMBER: SP1-1908-441-1-R4

Scotopic Flux vs. Wavelength



Scotopic Lumens: 6474.3

S/P: 1.04

| 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    | 2044          | 0.0           | 490    | 7179          | 6.0           | 620    | 118034        | 0.1           | 750    | 8362          | 0.0           | 880    | 3128          | 0.0           |
| 365    | 2016          | 0.0           | 495    | 10476         | 8.6           | 625    | 111884        | 0.1           | 755    | 7635          | 0.0           | 885    | 3110          | 0.0           |
| 370    | 2020          | 0.0           | 500    | 15549         | 12.5          | 630    | 106119        | 0.0           | 760    | 6582          | 0.0           | 890    | 2632          | 0.0           |
| 375    | 2137          | 0.0           | 505    | 22477         | 17.3          | 635    | 99706         | 0.0           | 765    | 5777          | 0.0           | 895    | 2709          | 0.0           |
| 380    | 2046          | 0.0           | 510    | 30417         | 21.8          | 640    | 92142         | 0.0           | 770    | 5474          | 0.0           | 900    | 2016          | 0.0           |
| 385    | 1925          | 0.0           | 515    | 39274         | 25.7          | 645    | 84987         | 0.0           | 775    | 4977          | 0.0           | 905    | 1748          | 0.0           |
| 390    | 1893          | 0.0           | 520    | 47282         | 27.5          | 650    | 78016         | 0.0           | 780    | 4723          | 0.0           | 910    | 2046          | 0.0           |
| 395    | 1695          | 0.0           | 525    | 55413         | 28.1          | 655    | 71541         | 0.0           | 785    | 4219          | 0.0           | 915    | 1844          | 0.0           |
| 400    | 1633          | 0.0           | 530    | 62377         | 27.0          | 660    | 64863         | 0.0           | 790    | 3969          | 0.0           | 920    | 2734          | 0.0           |
| 405    | 2065          | 0.0           | 535    | 68520         | 24.7          | 665    | 58485         | 0.0           | 795    | 4122          | 0.0           | 925    | 2307          | 0.0           |
| 410    | 3449          | 0.1           | 540    | 73435         | 21.5          | 670    | 51641         | 0.0           | 800    | 2864          | 0.0           | 930    | 2039          | 0.0           |
| 415    | 7117          | 0.5           | 545    | 78677         | 18.3          | 675    | 46030         | 0.0           | 805    | 3151          | 0.0           | 935    | 1784          | 0.0           |
| 420    | 13992         | 1.6           | 550    | 83331         | 15.0          | 680    | 40590         | 0.0           | 810    | 3022          | 0.0           | 940    | 2464          | 0.0           |
| 425    | 25176         | 3.9           | 555    | 89120         | 12.0          | 685    | 35691         | 0.0           | 815    | 3471          | 0.0           | 945    | 2794          | 0.0           |
| 430    | 38151         | 8.1           | 560    | 94613         | 9.3           | 690    | 31631         | 0.0           | 820    | 2749          | 0.0           | 950    | 3090          | 0.0           |
| 435    | 49673         | 13.3          | 565    | 99818         | 7.0           | 695    | 27437         | 0.0           | 825    | 2729          | 0.0           | 955    | 1866          | 0.0           |
| 440    | 57273         | 19.1          | 570    | 106526        | 5.2           | 700    | 24589         | 0.0           | 830    | 2282          | 0.0           | 960    | 3110          | 0.0           |
| 445    | 54802         | 21.6          | 575    | 111610        | 3.7           | 705    | 21832         | 0.0           | 835    | 3140          | 0.0           | 965    | 3880          | 0.0           |
| 450    | 39184         | 18.1          | 580    | 117163        | 2.6           | 710    | 19500         | 0.0           | 840    | 2365          | 0.0           | 970    | 3243          | 0.0           |
| 455    | 22506         | 11.8          | 585    | 122201        | 1.8           | 715    | 17870         | 0.0           | 845    | 3024          | 0.0           | 975    | 2014          | 0.0           |
| 460    | 13692         | 8.1           | 590    | 125662        | 1.2           | 720    | 15924         | 0.0           | 850    | 2510          | 0.0           | 980    | 1688          | 0.0           |
| 465    | 9446          | 6.2           | 595    | 127415        | 0.8           | 725    | 14268         | 0.0           | 855    | 2739          | 0.0           | 985    | 2827          | 0.0           |
| 470    | 6698          | 4.8           | 600    | 129155        | 0.5           | 730    | 12438         | 0.0           | 860    | 3515          | 0.0           | 990    | 4172          | 0.0           |
| 475    | 5328          | 4.1           | 605    | 128057        | 0.4           | 735    | 11255         | 0.0           | 865    | 3600          | 0.0           | 995    | 3177          | 0.0           |
| 480    | 5081          | 4.1           | 610    | 126031        | 0.2           | 740    | 9951          | 0.0           | 870    | 3609          | 0.0           | 1000   | 3241          | 0.0           |
| 485    | 5579          | 4.6           | 615    | 123059        | 0.1           | 745    | 8870          | 0.0           | 875    | 3208          | 0.0           |        |               |               |

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Melanopic Flux vs. Wavelength



Melanopic Lumens: 2145.7 M/P: 0.35

| $\lambda$ (nm) | Power ( $\mu\text{W}/\text{nm}$ ) | Lumens ( $\phi/\text{nm}$ ) | $\lambda$ (nm) | Power ( $\mu\text{W}/\text{nm}$ ) | Lumens ( $\phi/\text{nm}$ ) | $\lambda$ (nm) | Power ( $\mu\text{W}/\text{nm}$ ) | Lumens ( $\phi/\text{nm}$ ) | $\lambda$ (nm) | Power ( $\mu\text{W}/\text{nm}$ ) | Lumens ( $\phi/\text{nm}$ ) | $\lambda$ (nm) | Power ( $\mu\text{W}/\text{nm}$ ) | Lumens ( $\phi/\text{nm}$ ) |
|----------------|-----------------------------------|-----------------------------|----------------|-----------------------------------|-----------------------------|----------------|-----------------------------------|-----------------------------|----------------|-----------------------------------|-----------------------------|----------------|-----------------------------------|-----------------------------|
| 360            | 2044                              | 0.0                         | 490            | 7179                              | 11.1                        | 620            | 118034                            | 1.5                         | 750            | 8362                              | 0.0                         | 880            | 3128                              | 0.0                         |
| 365            | 2016                              | 0.0                         | 495            | 10476                             | 16.9                        | 625            | 111884                            | 0.9                         | 755            | 7635                              | 0.0                         | 885            | 3110                              | 0.0                         |
| 370            | 2020                              | 0.0                         | 500            | 15549                             | 26.0                        | 630            | 106119                            | 0.6                         | 760            | 6582                              | 0.0                         | 890            | 2632                              | 0.0                         |
| 375            | 2137                              | 0.0                         | 505            | 22477                             | 38.2                        | 635            | 99706                             | 0.4                         | 765            | 5777                              | 0.0                         | 895            | 2709                              | 0.0                         |
| 380            | 2046                              | 0.0                         | 510            | 30417                             | 51.6                        | 640            | 92142                             | 0.2                         | 770            | 5474                              | 0.0                         | 900            | 2016                              | 0.0                         |
| 385            | 1925                              | 0.0                         | 515            | 39274                             | 65.1                        | 645            | 84987                             | 0.1                         | 775            | 4977                              | 0.0                         | 905            | 1748                              | 0.0                         |
| 390            | 1893                              | 0.0                         | 520            | 47282                             | 75.2                        | 650            | 78016                             | 0.1                         | 780            | 4723                              | 0.0                         | 910            | 2046                              | 0.0                         |
| 395            | 1695                              | 0.0                         | 525            | 55413                             | 82.9                        | 655            | 71541                             | 0.1                         | 785            | 4219                              | 0.0                         | 915            | 1844                              | 0.0                         |
| 400            | 1633                              | 0.0                         | 530            | 62377                             | 86.0                        | 660            | 64863                             | 0.0                         | 790            | 3969                              | 0.0                         | 920            | 2734                              | 0.0                         |
| 405            | 2065                              | 0.1                         | 535            | 68520                             | 85.4                        | 665            | 58485                             | 0.0                         | 795            | 4122                              | 0.0                         | 925            | 2307                              | 0.0                         |
| 410            | 3449                              | 0.2                         | 540            | 73435                             | 81.1                        | 670            | 51641                             | 0.0                         | 800            | 2864                              | 0.0                         | 930            | 2039                              | 0.0                         |
| 415            | 7117                              | 0.7                         | 545            | 78677                             | 75.4                        | 675            | 46030                             | 0.0                         | 805            | 3151                              | 0.0                         | 935            | 1784                              | 0.0                         |
| 420            | 13992                             | 2.3                         | 550            | 83331                             | 68.1                        | 680            | 40590                             | 0.0                         | 810            | 3022                              | 0.0                         | 940            | 2464                              | 0.0                         |
| 425            | 25176                             | 6.2                         | 555            | 89120                             | 60.9                        | 685            | 35691                             | 0.0                         | 815            | 3471                              | 0.0                         | 945            | 2794                              | 0.0                         |
| 430            | 38151                             | 13.0                        | 560            | 94613                             | 52.9                        | 690            | 31631                             | 0.0                         | 820            | 2749                              | 0.0                         | 950            | 3090                              | 0.0                         |
| 435            | 49673                             | 22.2                        | 565            | 99818                             | 44.8                        | 695            | 27437                             | 0.0                         | 825            | 2729                              | 0.0                         | 955            | 1866                              | 0.0                         |
| 440            | 57273                             | 32.0                        | 570            | 106526                            | 37.6                        | 700            | 24589                             | 0.0                         | 830            | 2282                              | 0.0                         | 960            | 3110                              | 0.0                         |
| 445            | 54802                             | 36.7                        | 575            | 111610                            | 30.4                        | 705            | 21832                             | 0.0                         | 835            | 3140                              | 0.0                         | 965            | 3880                              | 0.0                         |
| 450            | 39184                             | 30.4                        | 580            | 117163                            | 24.1                        | 710            | 19500                             | 0.0                         | 840            | 2365                              | 0.0                         | 970            | 3243                              | 0.0                         |
| 455            | 22506                             | 19.7                        | 585            | 122201                            | 18.7                        | 715            | 17870                             | 0.0                         | 845            | 3024                              | 0.0                         | 975            | 2014                              | 0.0                         |
| 460            | 13692                             | 13.2                        | 590            | 125662                            | 14.0                        | 720            | 15924                             | 0.0                         | 850            | 2510                              | 0.0                         | 980            | 1688                              | 0.0                         |
| 465            | 9446                              | 10.0                        | 595            | 127415                            | 10.2                        | 725            | 14268                             | 0.0                         | 855            | 2739                              | 0.0                         | 985            | 2827                              | 0.0                         |
| 470            | 6698                              | 7.7                         | 600            | 129155                            | 7.3                         | 730            | 12438                             | 0.0                         | 860            | 3515                              | 0.0                         | 990            | 4172                              | 0.0                         |
| 475            | 5328                              | 6.7                         | 605            | 128057                            | 5.0                         | 735            | 11255                             | 0.0                         | 865            | 3600                              | 0.0                         | 995            | 3177                              | 0.0                         |
| 480            | 5081                              | 6.9                         | 610            | 126031                            | 3.4                         | 740            | 9951                              | 0.0                         | 870            | 3609                              | 0.0                         | 1000           | 3241                              | 0.0                         |
| 485            | 5579                              | 8.1                         | 615            | 123059                            | 2.3                         | 745            | 8870                              | 0.0                         | 875            | 3208                              | 0.0                         |                |                                   |                             |

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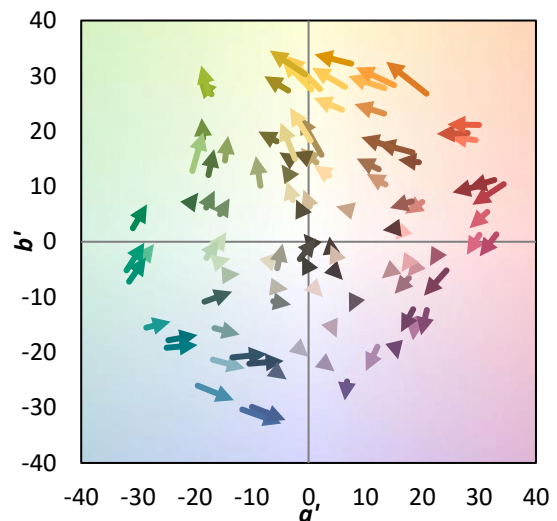
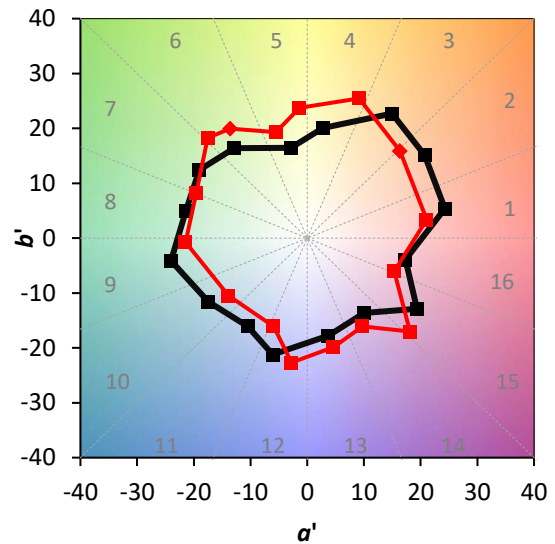
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**Summary**

$R_f = 69.9$   
 $R_g = 98.3$   
 CIE  $R_a = 71.5$   
 $R_g = -16.1$



**Color Vector Graphics**



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

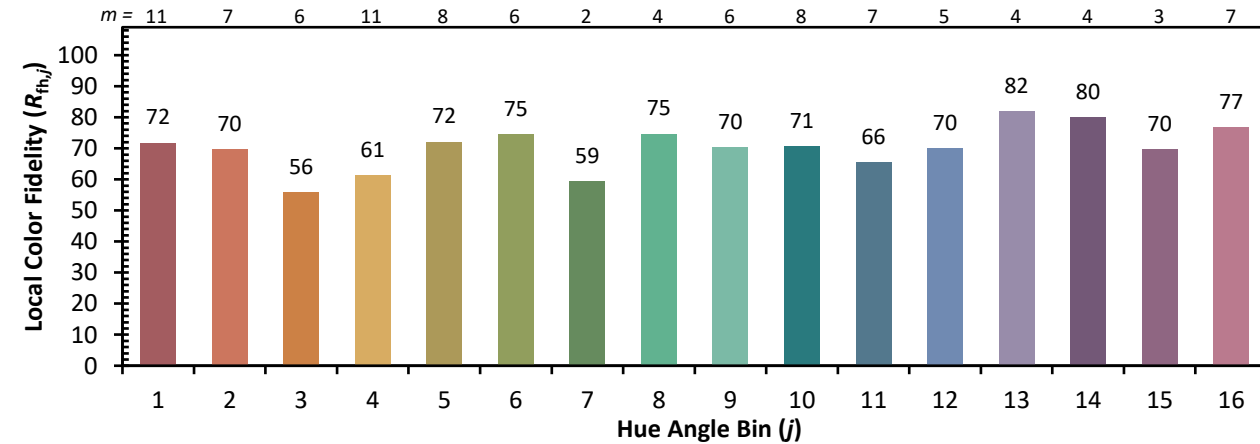
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| CES02 = 63 | CES27 = 74 | CES52 = 80 | CES77 = 75 |
| CES03 = 31 | CES28 = 80 | CES53 = 66 | CES78 = 56 |
| CES04 = 71 | CES29 = 44 | CES54 = 77 | CES79 = 81 |
| CES05 = 50 | CES30 = 46 | CES55 = 74 | CES80 = 80 |
| CES06 = 52 | CES31 = 50 | CES56 = 63 | CES81 = 73 |
| CES07 = 42 | CES32 = 49 | CES57 = 60 | CES82 = 91 |
| CES08 = 41 | CES33 = 53 | CES58 = 63 | CES83 = 84 |
| CES09 = 29 | CES34 = 66 | CES59 = 85 | CES84 = 90 |
| CES10 = 77 | CES35 = 82 | CES60 = 89 | CES85 = 87 |
| CES11 = 60 | CES36 = 78 | CES61 = 85 | CES86 = 65 |
| CES12 = 66 | CES37 = 75 | CES62 = 69 | CES87 = 78 |
| CES13 = 43 | CES38 = 53 | CES63 = 68 | CES88 = 73 |
| CES14 = 74 | CES39 = 91 | CES64 = 68 | CES89 = 68 |
| CES15 = 71 | CES40 = 85 | CES65 = 65 | CES90 = 68 |
| CES16 = 48 | CES41 = 76 | CES66 = 62 | CES91 = 91 |
| CES17 = 50 | CES42 = 76 | CES67 = 60 | CES92 = 71 |
| CES18 = 57 | CES43 = 65 | CES68 = 68 | CES93 = 82 |
| CES19 = 73 | CES44 = 98 | CES69 = 77 | CES94 = 57 |
| CES20 = 67 | CES45 = 75 | CES70 = 60 | CES95 = 78 |
| CES21 = 88 | CES46 = 70 | CES71 = 57 | CES96 = 80 |
| CES22 = 80 | CES47 = 63 | CES72 = 86 | CES97 = 79 |
| CES23 = 92 | CES48 = 51 | CES73 = 52 | CES98 = 71 |
| CES24 = 91 | CES49 = 68 | CES74 = 90 | CES99 = 64 |
| CES25 = 73 | CES50 = 77 | CES75 = 58 |            |



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Color Rendition by Hue-Angle Bin



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Measure Comparisons



(END OF REPORT)