

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: P383003

Luminaire Tested: **GLEON-SA3C-735-U-SLL**

Issue Date: 3/3/2020

### Test Information

Test Method: LM-79-08  
Report Number: P383003  
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-SA3C-735-U-SLL  
Description: GALLEON AREA AND ROADWAY LUMINAIRE  
(3) 70 CRI, 3500K, 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: 17678 lumens  
Efficiency: N/A  
Efficacy: 106.5 lumens/watt  
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')  
IES Classification: Type III - Medium  
BUG Rating: B2 - U0 - G4

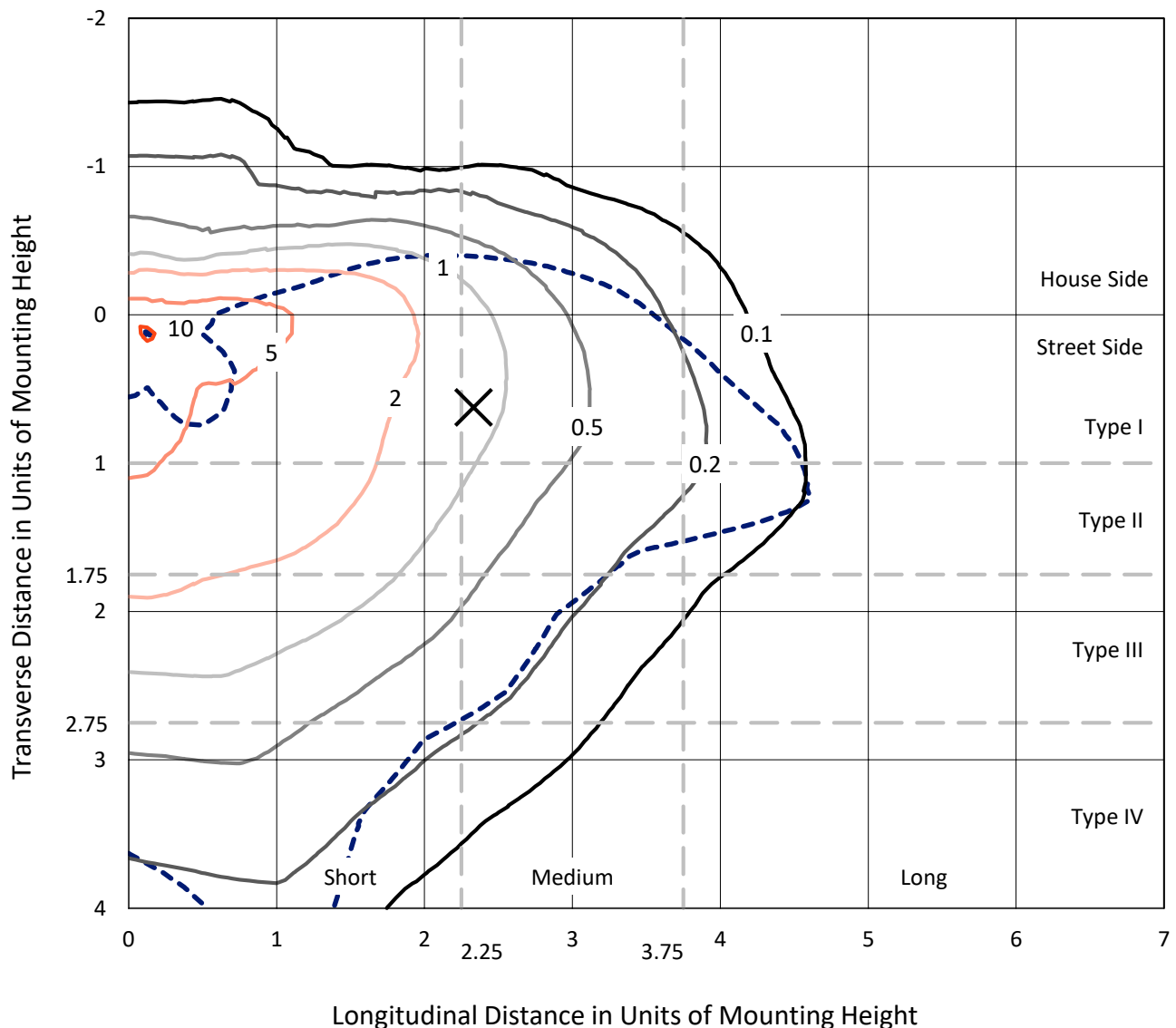
Input Watts (W): 166  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT



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## Iso-Footcandle Lines of Horizontal Illumination

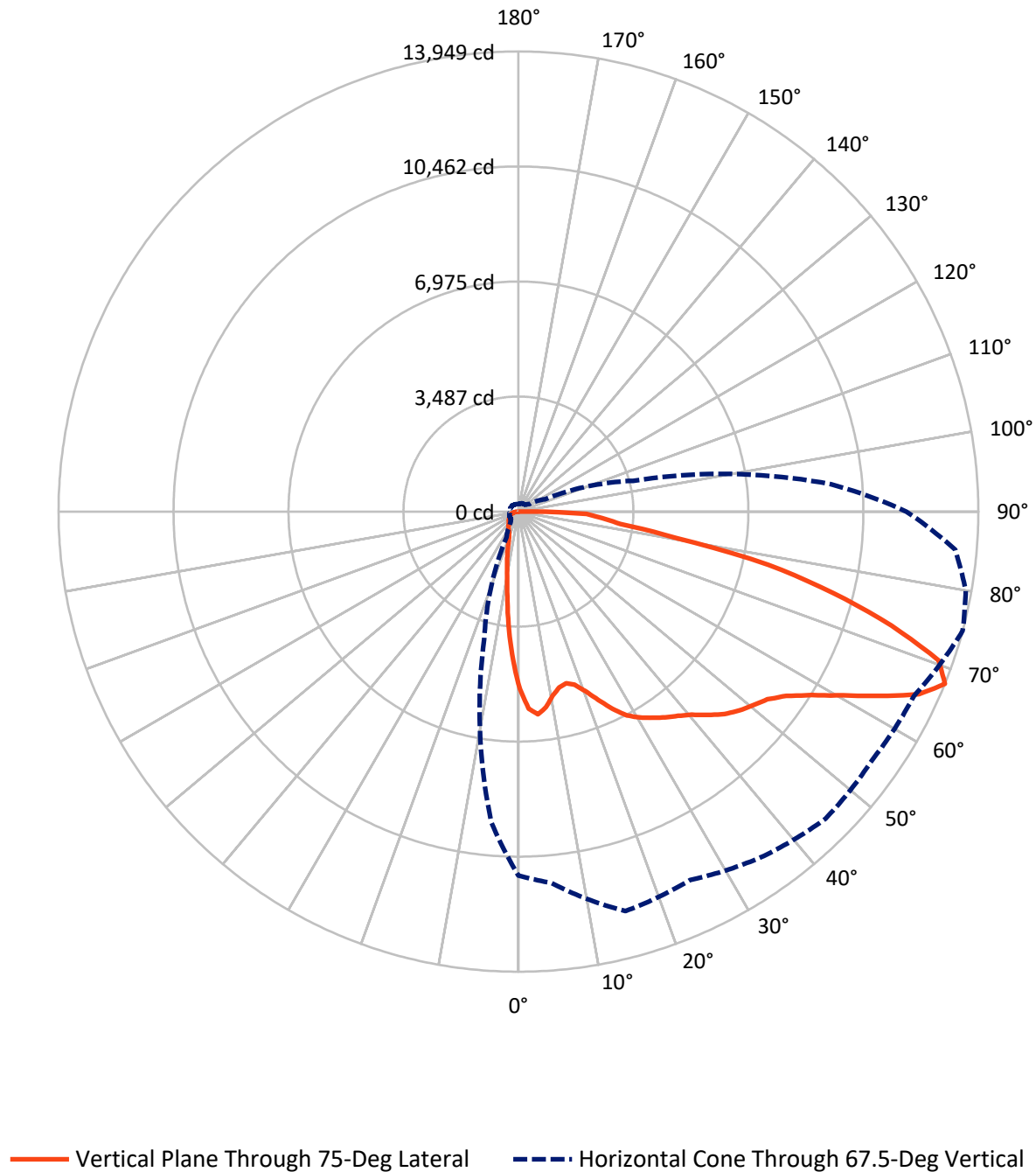
✕ Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 10.8 fc  
 Type III - Medium - N/A

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## Luminous Intensity Polar Plot



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**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total   |
|--------------------|-----------|----------|--------|---------|
| <b>House Side</b>  | Lumens    | 3113.5   | 0.0    | 3113.5  |
|                    | % Fixture | 17.6     | 0.0    | 17.6    |
| <b>Street Side</b> | Lumens    | 14564.5  | 0.0    | 14564.5 |
|                    | % Fixture | 82.4     | 0.0    | 82.4    |
| <b>Total</b>       | Lumens    | 17678.0  | 0.0    | 17678.0 |
|                    | % Fixture | 100.0    | 0.0    | 100.0   |

**ZONAL LUMENS:**

| Zone      | Lumens  | % Fixture |
|-----------|---------|-----------|
| 0°-10°    | 415.7   | 2.4       |
| 10°-20°   | 863.5   | 4.9       |
| 20°-30°   | 1228.1  | 6.9       |
| 30°-40°   | 1769.6  | 10.0      |
| 40°-50°   | 2493.9  | 14.1      |
| 50°-60°   | 3467.0  | 19.6      |
| 60°-70°   | 4192.6  | 23.7      |
| 70°-80°   | 2577.1  | 14.6      |
| 80°-90°   | 670.6   | 3.8       |
| 90°-100°  | 0.0     | 0.0       |
| 100°-110° | 0.0     | 0.0       |
| 110°-120° | 0.0     | 0.0       |
| 120°-130° | 0.0     | 0.0       |
| 130°-140° | 0.0     | 0.0       |
| 140°-150° | 0.0     | 0.0       |
| 150°-160° | 0.0     | 0.0       |
| 160°-170° | 0.0     | 0.0       |
| 170°-180° | 0.0     | 0.0       |
| 0°-90°    | 17678.0 | 100.0     |
| 0°-180°   | 17678.0 | 100.0     |

**Coefficient of Utilization**



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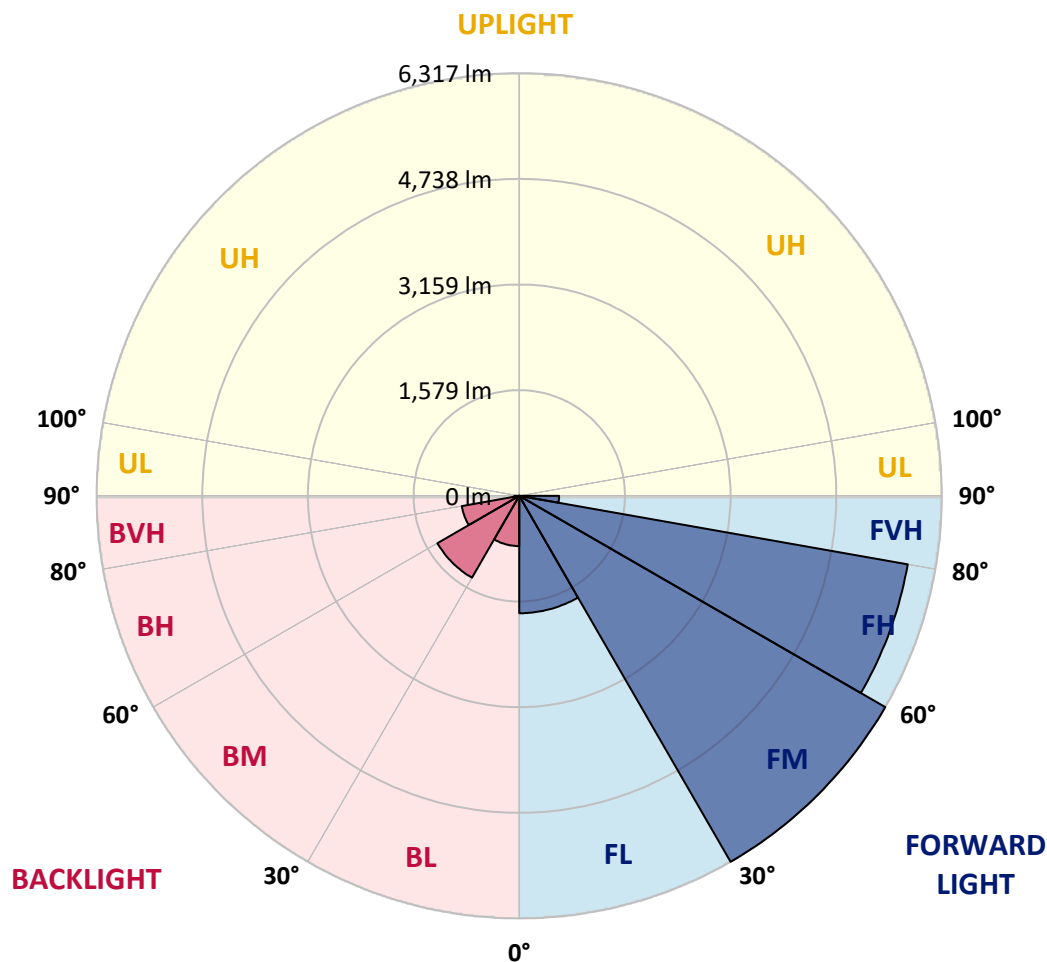
CATALOG NUMBER: GLEON-SA3C-735-U-SLL

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

| Zone |             | Lumens | % Fixture | Zone Rating/Lumen Limit |      |         |
|------|-------------|--------|-----------|-------------------------|------|---------|
|      |             |        |           | B                       | U    | G       |
| FL   | (0°-30°)    | 1755.2 | 9.9       |                         |      |         |
| FM   | (30°-60°)   | 6317.2 | 35.7      |                         |      |         |
| FH   | (60°-80°)   | 5896.8 | 33.4      |                         |      | G3/7500 |
| FVH  | (80°-90°)   | 595.3  | 3.4       |                         |      | G4/750  |
| BL   | (0°-30°)    | 751.9  | 4.3       | B2/1000                 |      |         |
| BM   | (30°-60°)   | 1413.3 | 8.0       | B2/2500                 |      |         |
| BH   | (60°-80°)   | 872.9  | 4.9       | B2/1000                 |      | G2/1000 |
| BVH  | (80°-90°)   | 75.3   | 0.4       |                         |      | G1/100  |
| UL   | (90°-100°)  | 0.0    | 0.0       |                         | U0/0 |         |
| UH   | (100°-180°) | 0.0    | 0.0       |                         | U0/0 |         |

**BUG Rating: B2-U0-G4**

Type III Medium





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**CANDELA DISTRIBUTION (FULL):**

|        | 0°      | 5°      | 10°     | 15°     | 20°     | 25°     | 30°     | 35°     | 40°     | 45°     | 50°     |
|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0°     | 5385.6  | 5385.6  | 5385.6  | 5385.6  | 5385.6  | 5385.6  | 5385.6  | 5385.6  | 5385.6  | 5385.6  | 5385.6  |
| 2.5°   | 5740.5  | 5816.1  | 5868.4  | 5920.0  | 5960.3  | 5999.9  | 6057.9  | 6115.8  | 6127.1  | 6137.7  | 6115.1  |
| 5°     | 5706.6  | 5891.0  | 6048.0  | 6204.1  | 6349.1  | 6493.9  | 6580.8  | 6667.7  | 6685.4  | 6703.1  | 6648.7  |
| 7.5°   | 5341.1  | 5613.2  | 5885.3  | 6157.5  | 6407.0  | 6656.5  | 6808.4  | 6959.7  | 6994.3  | 7028.2  | 6939.2  |
| 10°    | 4925.6  | 5242.2  | 5576.5  | 5910.9  | 6239.5  | 6568.2  | 6787.9  | 7007.8  | 7051.5  | 7095.4  | 6984.5  |
| 12.5°  | 4609.7  | 4955.3  | 5312.2  | 5669.1  | 6016.1  | 6362.5  | 6590.0  | 6817.6  | 6872.0  | 6926.4  | 6845.9  |
| 15°    | 4488.1  | 4866.9  | 5202.6  | 5538.3  | 5840.8  | 6142.6  | 6329.2  | 6515.2  | 6537.7  | 6559.7  | 6546.9  |
| 17.5°  | 4609.7  | 5027.4  | 5331.2  | 5634.5  | 5799.2  | 5963.1  | 6038.0  | 6112.3  | 6136.9  | 6161.0  | 6193.5  |
| 20°    | 4965.1  | 5416.1  | 5630.2  | 5843.7  | 5836.6  | 5828.8  | 5792.8  | 5756.0  | 5749.7  | 5743.3  | 5835.2  |
| 22.5°  | 5472.7  | 5996.4  | 6081.9  | 6166.7  | 5968.1  | 5769.4  | 5648.6  | 5527.1  | 5503.0  | 5478.2  | 5575.8  |
| 25°    | 6068.5  | 6626.1  | 6610.5  | 6594.2  | 6216.1  | 5837.4  | 5606.9  | 5376.5  | 5349.6  | 5322.8  | 5406.1  |
| 27.5°  | 6716.6  | 7249.5  | 7147.7  | 7045.9  | 6532.1  | 6018.3  | 5683.9  | 5349.6  | 5322.8  | 5295.9  | 5369.4  |
| 30°    | 7223.3  | 7706.8  | 7543.5  | 7380.2  | 6798.5  | 6216.9  | 5819.7  | 5422.4  | 5378.6  | 5334.0  | 5424.6  |
| 32.5°  | 7652.3  | 8063.7  | 7844.6  | 7625.5  | 7014.8  | 6404.1  | 5974.4  | 5544.7  | 5476.1  | 5407.6  | 5528.5  |
| 35°    | 8099.1  | 8419.9  | 8111.7  | 7802.8  | 7207.8  | 6611.9  | 6157.5  | 5702.3  | 5618.3  | 5534.1  | 5700.2  |
| 37.5°  | 8601.5  | 8868.0  | 8425.6  | 7982.4  | 7424.7  | 6867.1  | 6431.7  | 5995.6  | 5909.4  | 5823.2  | 6035.2  |
| 40°    | 9132.3  | 9354.2  | 8764.1  | 8174.0  | 7662.3  | 7150.6  | 6811.3  | 6471.3  | 6389.3  | 6306.6  | 6563.9  |
| 42.5°  | 9596.7  | 9758.5  | 9079.3  | 8400.1  | 7948.4  | 7496.2  | 7257.2  | 7017.6  | 7017.0  | 7015.5  | 7276.3  |
| 45°    | 9946.5  | 10087.2 | 9342.2  | 8596.6  | 8227.6  | 7858.0  | 7733.6  | 7609.3  | 7708.8  | 7808.5  | 8044.6  |
| 47.5°  | 10237.1 | 10332.4 | 9562.8  | 8792.4  | 8547.1  | 8301.9  | 8320.2  | 8338.7  | 8541.5  | 8744.3  | 8896.3  |
| 50°    | 10569.2 | 10492.2 | 9762.8  | 9032.7  | 8957.0  | 8881.5  | 9046.8  | 9211.5  | 9444.8  | 9677.3  | 9780.4  |
| 52.5°  | 10929.0 | 10724.7 | 10034.2 | 9343.0  | 9427.7  | 9512.6  | 9849.0  | 10185.4 | 10420.8 | 10656.2 | 10695.0 |
| 55°    | 11575.7 | 11262.6 | 10533.2 | 9803.0  | 9966.3  | 10128.9 | 10622.9 | 11116.3 | 11300.0 | 11483.8 | 11497.9 |
| 57.5°  | 12304.3 | 12026.6 | 11232.1 | 10437.7 | 10613.0 | 10788.3 | 11358.7 | 11928.4 | 12127.0 | 12324.8 | 12297.3 |
| 60°    | 12584.9 | 12598.4 | 11895.9 | 11192.6 | 11369.3 | 11546.0 | 12101.5 | 12657.0 | 12885.4 | 13112.9 | 13052.1 |
| 62.5°  | 12302.2 | 12633.7 | 12258.4 | 11882.4 | 12042.9 | 12202.6 | 12746.8 | 13291.0 | 13525.0 | 13759.0 | 13652.9 |
| 65°    | 11743.2 | 12071.8 | 12240.1 | 12408.3 | 12461.3 | 12514.3 | 13022.5 | 13529.9 | 13709.5 | 13888.3 | 13834.5 |
| 67.5°  | 11032.1 | 11297.9 | 11918.5 | 12538.4 | 12431.6 | 12324.8 | 12563.0 | 12801.2 | 12985.7 | 13170.2 | 13139.8 |
| 70°    | 10208.7 | 10525.4 | 11353.1 | 12180.6 | 11656.3 | 11131.2 | 11032.9 | 10934.6 | 11134.0 | 11332.6 | 11209.6 |
| 72.5°  | 8732.3  | 9210.1  | 10092.9 | 10974.9 | 10008.7 | 9042.5  | 8706.8  | 8371.2  | 8623.4  | 8875.8  | 8680.0  |
| 75°    | 6595.7  | 7229.6  | 8205.1  | 9179.7  | 8027.0  | 6874.2  | 6426.1  | 5977.9  | 6195.0  | 6411.9  | 6277.6  |
| 77.5°  | 4587.0  | 5382.1  | 6342.6  | 7303.1  | 6131.4  | 4958.8  | 4625.9  | 4292.3  | 4357.3  | 4421.6  | 4399.0  |
| 80°    | 3127.5  | 3650.5  | 4320.5  | 4989.8  | 4209.6  | 3429.3  | 3455.5  | 3480.9  | 3450.5  | 3419.4  | 3464.6  |
| 82.5°  | 1961.3  | 2329.5  | 2846.9  | 3363.5  | 2949.4  | 2535.2  | 2772.8  | 3010.2  | 2893.6  | 2776.2  | 2820.1  |
| 85°    | 1104.7  | 1329.4  | 1835.5  | 2340.9  | 2181.9  | 2022.1  | 2161.4  | 2299.9  | 2118.9  | 1938.0  | 2017.8  |
| 87.5°  | 210.6   | 350.5   | 1015.7  | 1680.0  | 1525.2  | 1370.5  | 1190.9  | 1011.4  | 771.8   | 532.2   | 777.5   |
| 90°    | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 92.5°  | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 95°    | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 97.5°  | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 100°   | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 102.5° | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 105°   | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 107.5° | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 110°   | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |



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**CANDELA DISTRIBUTION (continued):**

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

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**CANDELA DISTRIBUTION (continued):**

|        | 55°     | 60°     | 65°     | 70°     | 75°     | 80°     | 85°     | 90°     | 95°     | 100°   | 105°   |
|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|--------|--------|
| 0°     | 5385.6  | 5385.6  | 5385.6  | 5385.6  | 5385.6  | 5385.6  | 5385.6  | 5385.6  | 5385.6  | 5385.6 | 5385.6 |
| 2.5°   | 6092.5  | 6080.5  | 6068.5  | 6025.3  | 5981.5  | 5916.4  | 5862.8  | 5769.4  | 5718.6  | 5641.5 | 5564.5 |
| 5°     | 6593.6  | 6517.2  | 6440.9  | 6309.5  | 6177.3  | 6030.3  | 5861.3  | 5674.1  | 5532.6  | 5348.9 | 5165.2 |
| 7.5°   | 6850.1  | 6672.0  | 6493.2  | 6240.9  | 5987.9  | 5760.3  | 5493.1  | 5244.3  | 5032.3  | 4793.4 | 4554.5 |
| 10°    | 6873.4  | 6606.3  | 6338.4  | 6010.4  | 5681.8  | 5405.5  | 5098.0  | 4821.7  | 4567.2  | 4293.0 | 4018.0 |
| 12.5°  | 6764.6  | 6480.5  | 6195.6  | 5834.5  | 5472.7  | 5158.8  | 4828.0  | 4518.5  | 4236.5  | 3934.7 | 3632.2 |
| 15°    | 6534.2  | 6307.3  | 6079.7  | 5741.2  | 5402.6  | 5086.0  | 4765.1  | 4398.3  | 4079.5  | 3770.7 | 3461.1 |
| 17.5°  | 6225.3  | 6117.9  | 6009.8  | 5765.3  | 5520.0  | 5245.7  | 4934.8  | 4504.3  | 4131.1  | 3795.4 | 3459.7 |
| 20°    | 5926.4  | 5965.9  | 6004.8  | 5907.3  | 5809.8  | 5589.9  | 5318.6  | 4835.1  | 4358.7  | 3919.9 | 3480.2 |
| 22.5°  | 5672.7  | 5862.8  | 6052.2  | 6127.8  | 6202.7  | 6070.5  | 5858.5  | 5299.5  | 4669.0  | 4095.8 | 3522.6 |
| 25°    | 5488.9  | 5804.1  | 6119.3  | 6370.9  | 6621.8  | 6563.2  | 6399.9  | 5863.4  | 5080.4  | 4349.6 | 3618.0 |
| 27.5°  | 5442.9  | 5829.5  | 6216.1  | 6606.3  | 6995.7  | 7050.1  | 7005.0  | 6457.9  | 5570.8  | 4664.7 | 3758.0 |
| 30°    | 5515.0  | 5906.6  | 6297.4  | 6772.4  | 7246.6  | 7463.7  | 7524.4  | 6953.4  | 6131.4  | 5032.3 | 3932.5 |
| 32.5°  | 5649.3  | 6033.1  | 6416.9  | 6934.3  | 7450.9  | 7778.9  | 7972.5  | 7406.4  | 6522.2  | 5309.4 | 4095.8 |
| 35°    | 5866.3  | 6225.3  | 6584.4  | 7123.0  | 7661.5  | 8085.6  | 8439.0  | 7874.3  | 6869.2  | 5503.0 | 4136.1 |
| 37.5°  | 6246.6  | 6555.4  | 6864.3  | 7361.8  | 7858.7  | 8408.6  | 8939.4  | 8389.5  | 7244.6  | 5689.6 | 4133.9 |
| 40°    | 6821.2  | 7039.5  | 7257.2  | 7677.8  | 8097.6  | 8789.5  | 9506.3  | 8964.1  | 7659.4  | 5891.8 | 4124.1 |
| 42.5°  | 7537.2  | 7649.5  | 7761.2  | 8094.0  | 8427.0  | 9187.5  | 10020.8 | 9526.0  | 8055.2  | 6079.7 | 4104.3 |
| 45°    | 8280.0  | 8309.6  | 8339.3  | 8549.3  | 8758.4  | 9502.7  | 10371.3 | 9948.0  | 8400.8  | 6243.0 | 4084.5 |
| 47.5°  | 9047.6  | 8945.7  | 8843.9  | 8927.4  | 9010.8  | 9744.4  | 10621.5 | 10268.2 | 8747.9  | 6424.0 | 4099.4 |
| 50°    | 9883.6  | 9600.3  | 9316.8  | 9273.0  | 9229.1  | 9986.1  | 10916.2 | 10675.3 | 9164.8  | 6687.6 | 4210.3 |
| 52.5°  | 10733.2 | 10266.0 | 9798.9  | 9625.7  | 9451.8  | 10274.5 | 11307.1 | 11182.0 | 9759.9  | 7096.1 | 4431.6 |
| 55°    | 11512.1 | 10917.6 | 10323.2 | 10090.1 | 9856.8  | 10715.5 | 11784.2 | 11926.2 | 10522.6 | 7618.4 | 4713.5 |
| 57.5°  | 12269.0 | 11595.4 | 10921.9 | 10705.6 | 10489.3 | 11363.7 | 12388.5 | 12594.2 | 11293.0 | 8119.6 | 4945.4 |
| 60°    | 12991.4 | 12324.8 | 11657.7 | 11484.5 | 11310.7 | 12169.4 | 13041.6 | 12891.7 | 11690.2 | 8354.1 | 5017.4 |
| 62.5°  | 13546.8 | 13016.8 | 12486.7 | 12395.5 | 12303.7 | 12984.3 | 13543.4 | 12775.8 | 11437.8 | 8123.0 | 4808.3 |
| 65°    | 13780.8 | 13479.0 | 13176.6 | 13262.1 | 13346.8 | 13600.6 | 13668.4 | 12436.5 | 10644.9 | 7475.7 | 4306.5 |
| 67.5°  | 13108.6 | 13170.2 | 13231.7 | 13590.7 | 13949.1 | 13774.5 | 13296.7 | 11768.0 | 9516.1  | 6558.2 | 3600.3 |
| 70°    | 11085.9 | 11454.8 | 11823.0 | 12672.6 | 13521.4 | 13134.2 | 12300.8 | 10567.8 | 8157.7  | 5501.6 | 2844.8 |
| 72.5°  | 8483.5  | 8898.4  | 9312.6  | 10573.4 | 11833.6 | 11476.8 | 10456.2 | 8680.0  | 6540.6  | 4393.4 | 2245.4 |
| 75°    | 6142.6  | 6611.2  | 7079.1  | 8470.1  | 9861.0  | 9365.6  | 7821.3  | 6214.7  | 4967.9  | 3353.7 | 1738.6 |
| 77.5°  | 4375.7  | 4689.5  | 5003.3  | 6377.3  | 7750.6  | 6943.4  | 5206.1  | 4182.0  | 3438.5  | 2331.0 | 1222.7 |
| 80°    | 3509.9  | 3413.7  | 3317.6  | 4083.1  | 4848.5  | 4714.2  | 3443.5  | 2685.7  | 2379.7  | 1562.0 | 744.2  |
| 82.5°  | 2863.2  | 2628.5  | 2393.9  | 2754.3  | 3114.8  | 3095.0  | 2389.6  | 1970.5  | 1771.2  | 1085.6 | 400.0  |
| 85°    | 2097.0  | 2003.0  | 1909.0  | 2227.8  | 2546.6  | 2274.5  | 1618.6  | 1252.4  | 1381.0  | 799.4  | 217.7  |
| 87.5°  | 1022.7  | 1168.3  | 1313.2  | 1689.2  | 2064.5  | 1550.0  | 491.2   | 243.1   | 336.4   | 221.2  | 105.3  |
| 90°    | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0    | 0.0    |
| 92.5°  | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0    | 0.0    |
| 95°    | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0    | 0.0    |
| 97.5°  | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0    | 0.0    |
| 100°   | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0    | 0.0    |
| 102.5° | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0    | 0.0    |
| 105°   | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0    | 0.0    |
| 107.5° | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0    | 0.0    |
| 110°   | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0    | 0.0    |



REPORT NUMBER: P383003  
 CATALOG NUMBER: GLEON-SA3C-735-U-SLL

**CANDELA DISTRIBUTION (continued):**

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



REPORT NUMBER: P383003

CATALOG NUMBER: GLEON-SA3C-735-U-SLL

**CANDELA DISTRIBUTION (continued):**

|        | 110°   | 115°   | 120°   | 125°   | 130°   | 135°   | 140°   | 145°   | 150°   | 155°   | 160°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 5385.6 | 5385.6 | 5385.6 | 5385.6 | 5385.6 | 5385.6 | 5385.6 | 5385.6 | 5385.6 | 5385.6 | 5385.6 |
| 2.5°   | 5507.2 | 5449.3 | 5383.6 | 5317.8 | 5242.9 | 5167.3 | 5122.8 | 5077.5 | 5028.8 | 4980.0 | 4924.8 |
| 5°     | 5043.6 | 4922.0 | 4784.2 | 4646.4 | 4510.0 | 4373.5 | 4300.0 | 4226.5 | 4148.8 | 4070.4 | 4002.5 |
| 7.5°   | 4377.8 | 4200.4 | 4009.6 | 3818.0 | 3648.4 | 3478.1 | 3372.8 | 3266.8 | 3170.6 | 3073.8 | 2992.5 |
| 10°    | 3791.9 | 3565.7 | 3374.2 | 3181.9 | 3054.0 | 2926.1 | 2829.2 | 2732.4 | 2639.2 | 2545.1 | 2455.4 |
| 12.5°  | 3406.0 | 3179.8 | 3058.3 | 2936.7 | 2830.7 | 2724.7 | 2613.0 | 2500.6 | 2372.7 | 2244.0 | 2150.0 |
| 15°    | 3255.5 | 3049.8 | 2914.8 | 2779.1 | 2637.0 | 2494.2 | 2357.1 | 2220.0 | 2068.8 | 1917.5 | 1810.7 |
| 17.5°  | 3190.5 | 2921.1 | 2732.4 | 2543.0 | 2355.7 | 2168.4 | 2009.3 | 1850.3 | 1685.0 | 1519.5 | 1411.5 |
| 20°    | 3121.9 | 2763.5 | 2510.5 | 2256.8 | 2016.4 | 1776.2 | 1595.9 | 1415.7 | 1267.9 | 1120.3 | 1037.6 |
| 22.5°  | 3059.7 | 2596.0 | 2278.7 | 1960.6 | 1676.5 | 1392.4 | 1215.7 | 1038.3 | 947.8  | 857.3  | 824.1  |
| 25°    | 3034.2 | 2449.7 | 2059.6 | 1669.4 | 1369.7 | 1069.3 | 943.6  | 817.7  | 783.2  | 747.8  | 730.8  |
| 27.5°  | 3038.4 | 2319.0 | 1875.1 | 1430.5 | 1160.5 | 890.6  | 804.3  | 718.1  | 696.9  | 675.0  | 664.4  |
| 30°    | 3054.7 | 2176.9 | 1701.2 | 1225.5 | 1002.9 | 780.3  | 724.5  | 667.9  | 645.3  | 622.6  | 609.2  |
| 32.5°  | 3073.1 | 2049.7 | 1567.0 | 1083.5 | 901.8  | 719.5  | 673.6  | 626.9  | 605.0  | 583.1  | 569.6  |
| 35°    | 3041.3 | 1945.8 | 1475.0 | 1004.3 | 836.8  | 668.6  | 629.7  | 590.1  | 566.1  | 542.1  | 529.4  |
| 37.5°  | 2987.6 | 1841.2 | 1403.7 | 965.5  | 794.4  | 622.6  | 594.4  | 565.4  | 540.7  | 515.2  | 503.2  |
| 40°    | 2938.8 | 1752.8 | 1350.7 | 947.8  | 771.1  | 593.7  | 569.6  | 545.6  | 520.2  | 494.0  | 479.9  |
| 42.5°  | 2899.3 | 1693.5 | 1298.4 | 903.2  | 749.9  | 595.8  | 561.9  | 527.3  | 502.5  | 477.8  | 462.2  |
| 45°    | 2869.5 | 1654.6 | 1257.4 | 860.2  | 730.1  | 600.1  | 557.0  | 513.8  | 489.1  | 463.6  | 445.3  |
| 47.5°  | 2866.7 | 1634.1 | 1228.4 | 822.6  | 692.6  | 561.9  | 544.2  | 526.5  | 490.6  | 453.8  | 432.5  |
| 50°    | 2905.6 | 1600.9 | 1194.4 | 787.3  | 656.6  | 525.9  | 549.9  | 573.2  | 511.7  | 449.5  | 422.6  |
| 52.5°  | 2986.8 | 1542.2 | 1140.8 | 739.3  | 612.8  | 485.5  | 523.1  | 559.8  | 506.8  | 453.0  | 418.5  |
| 55°    | 3085.1 | 1456.0 | 1059.4 | 662.2  | 554.8  | 446.7  | 479.9  | 512.4  | 479.2  | 445.3  | 403.5  |
| 57.5°  | 3146.6 | 1347.1 | 957.0  | 566.8  | 489.8  | 412.8  | 431.9  | 450.2  | 436.8  | 423.4  | 380.9  |
| 60°    | 3109.9 | 1202.3 | 841.7  | 480.6  | 432.5  | 384.4  | 380.9  | 376.7  | 396.5  | 416.3  | 367.5  |
| 62.5°  | 2930.3 | 1052.4 | 740.0  | 427.6  | 391.5  | 354.8  | 347.0  | 338.5  | 371.0  | 402.9  | 351.3  |
| 65°    | 2627.2 | 947.8  | 675.7  | 403.5  | 363.3  | 323.0  | 314.5  | 306.0  | 315.9  | 325.9  | 301.8  |
| 67.5°  | 2242.0 | 883.5  | 638.9  | 394.4  | 345.6  | 296.1  | 286.3  | 276.4  | 274.2  | 272.1  | 263.6  |
| 70°    | 1844.7 | 843.9  | 614.9  | 385.9  | 326.5  | 266.4  | 257.3  | 248.1  | 245.3  | 241.7  | 235.4  |
| 72.5°  | 1542.2 | 839.0  | 612.0  | 385.2  | 311.0  | 236.8  | 228.3  | 219.8  | 216.3  | 212.0  | 207.1  |
| 75°    | 1263.0 | 787.3  | 581.0  | 374.6  | 289.8  | 204.3  | 196.5  | 188.7  | 185.8  | 182.3  | 178.1  |
| 77.5°  | 937.2  | 651.6  | 488.4  | 325.1  | 248.1  | 171.0  | 163.3  | 154.8  | 154.1  | 152.7  | 149.1  |
| 80°    | 607.8  | 471.5  | 349.1  | 226.8  | 180.9  | 134.3  | 127.9  | 120.8  | 121.6  | 122.3  | 119.4  |
| 82.5°  | 337.9  | 274.9  | 213.4  | 151.9  | 123.7  | 95.4   | 92.6   | 89.1   | 91.2   | 92.6   | 89.1   |
| 85°    | 178.1  | 138.5  | 114.5  | 90.5   | 71.4   | 52.3   | 52.3   | 51.6   | 54.4   | 57.3   | 54.4   |
| 87.5°  | 77.0   | 48.8   | 41.7   | 33.9   | 19.1   | 3.5    | 4.3    | 4.3    | 5.7    | 7.1    | 6.3    |
| 90°    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 92.5°  | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 95°    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 97.5°  | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 100°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 102.5° | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 105°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 107.5° | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 110°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |



REPORT NUMBER: P383003  
 CATALOG NUMBER: GLEON-SA3C-735-U-SLL

**CANDELA DISTRIBUTION (continued):**

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

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CATALOG NUMBER: GLEON-SA3C-735-U-SLL

**CANDELA DISTRIBUTION (continued):**

|        | 165°   | 170°   | 175°   | 180°   | 185°   | 190°   | 195°   | 200°   | 205°   | 210°   | 215°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 5385.6 | 5385.6 | 5385.6 | 5385.6 | 5385.6 | 5385.6 | 5385.6 | 5385.6 | 5385.6 | 5385.6 | 5385.6 |
| 2.5°   | 4869.0 | 4817.4 | 4765.1 | 4707.9 | 4718.5 | 4674.7 | 4630.8 | 4603.2 | 4575.7 | 4567.2 | 4558.7 |
| 5°     | 3934.7 | 3876.0 | 3816.6 | 3763.6 | 3809.6 | 3778.5 | 3747.3 | 3743.1 | 3738.2 | 3738.2 | 3737.5 |
| 7.5°   | 2911.3 | 2848.3 | 2784.7 | 2740.9 | 2786.2 | 2780.5 | 2774.8 | 2805.3 | 2835.6 | 2860.3 | 2884.4 |
| 10°    | 2365.6 | 2289.3 | 2212.2 | 2147.2 | 2135.9 | 2103.3 | 2070.2 | 2077.3 | 2083.6 | 2110.4 | 2137.3 |
| 12.5°  | 2056.0 | 1964.8 | 1873.7 | 1797.3 | 1762.7 | 1709.0 | 1654.6 | 1620.6 | 1586.7 | 1590.2 | 1593.1 |
| 15°    | 1703.3 | 1615.0 | 1526.0 | 1460.2 | 1438.3 | 1396.6 | 1354.9 | 1312.5 | 1269.4 | 1251.7 | 1233.4 |
| 17.5°  | 1302.6 | 1231.9 | 1160.5 | 1116.7 | 1116.7 | 1104.7 | 1092.7 | 1071.5 | 1049.6 | 1031.9 | 1013.5 |
| 20°    | 954.8  | 917.4  | 879.2  | 860.8  | 866.5  | 867.2  | 867.2  | 877.8  | 888.4  | 882.7  | 877.1  |
| 22.5°  | 790.1  | 776.7  | 763.3  | 755.6  | 758.4  | 759.1  | 759.8  | 769.6  | 778.9  | 785.9  | 792.3  |
| 25°    | 713.1  | 704.6  | 696.1  | 693.4  | 699.7  | 700.4  | 700.4  | 706.8  | 713.1  | 720.2  | 727.3  |
| 27.5°  | 653.1  | 649.6  | 646.0  | 641.1  | 647.4  | 647.4  | 646.7  | 653.8  | 660.1  | 666.5  | 672.1  |
| 30°    | 595.8  | 597.2  | 598.0  | 596.6  | 600.8  | 603.5  | 605.7  | 610.6  | 614.9  | 619.9  | 624.8  |
| 32.5°  | 555.6  | 553.4  | 551.3  | 549.9  | 559.0  | 564.1  | 569.0  | 573.9  | 578.1  | 580.3  | 582.4  |
| 35°    | 516.6  | 511.7  | 506.8  | 503.2  | 511.7  | 518.0  | 524.5  | 533.6  | 542.1  | 543.6  | 545.0  |
| 37.5°  | 490.6  | 484.1  | 477.8  | 473.5  | 477.0  | 479.9  | 482.7  | 492.6  | 502.5  | 508.2  | 513.1  |
| 40°    | 465.8  | 459.4  | 453.0  | 449.5  | 451.6  | 452.4  | 453.0  | 457.9  | 462.2  | 472.9  | 482.7  |
| 42.5°  | 446.0  | 438.2  | 430.5  | 426.2  | 427.6  | 429.0  | 429.7  | 429.0  | 428.3  | 438.2  | 448.1  |
| 45°    | 426.2  | 417.7  | 409.2  | 404.3  | 404.9  | 404.9  | 404.9  | 403.5  | 401.5  | 406.4  | 411.4  |
| 47.5°  | 410.6  | 400.8  | 390.9  | 385.9  | 384.4  | 383.1  | 381.7  | 380.9  | 379.5  | 383.1  | 385.9  |
| 50°    | 395.1  | 384.4  | 373.2  | 367.5  | 364.0  | 362.6  | 361.2  | 360.4  | 359.0  | 362.6  | 365.4  |
| 52.5°  | 383.1  | 370.4  | 357.6  | 348.4  | 345.0  | 342.8  | 340.7  | 341.4  | 341.4  | 342.8  | 343.5  |
| 55°    | 361.9  | 350.5  | 338.5  | 332.2  | 325.9  | 324.5  | 323.0  | 325.1  | 326.5  | 326.5  | 326.5  |
| 57.5°  | 338.5  | 327.9  | 316.6  | 312.4  | 306.8  | 306.8  | 306.0  | 308.9  | 311.0  | 312.4  | 313.8  |
| 60°    | 318.0  | 306.0  | 294.0  | 290.5  | 288.4  | 287.7  | 286.9  | 290.5  | 293.3  | 296.1  | 298.9  |
| 62.5°  | 298.9  | 286.3  | 273.5  | 269.3  | 268.6  | 269.3  | 269.3  | 272.9  | 275.6  | 278.4  | 281.3  |
| 65°    | 277.8  | 265.0  | 251.6  | 247.4  | 248.8  | 250.9  | 253.0  | 255.9  | 257.9  | 260.8  | 263.6  |
| 67.5°  | 254.4  | 243.9  | 232.5  | 228.3  | 229.0  | 231.9  | 234.7  | 236.8  | 238.2  | 241.0  | 243.9  |
| 70°    | 229.0  | 219.8  | 210.6  | 207.8  | 207.1  | 210.6  | 213.4  | 214.9  | 216.3  | 219.8  | 222.6  |
| 72.5°  | 201.4  | 193.7  | 185.8  | 183.8  | 184.4  | 186.6  | 188.7  | 190.9  | 192.3  | 195.8  | 198.6  |
| 75°    | 173.2  | 166.1  | 159.0  | 157.6  | 159.0  | 161.2  | 163.3  | 164.7  | 166.1  | 170.4  | 173.8  |
| 77.5°  | 145.6  | 137.9  | 129.3  | 128.6  | 130.8  | 132.8  | 134.3  | 136.4  | 138.5  | 144.2  | 149.8  |
| 80°    | 116.6  | 108.2  | 98.9   | 98.3   | 100.3  | 102.5  | 104.6  | 106.8  | 108.8  | 115.9  | 122.3  |
| 82.5°  | 85.5   | 75.6   | 65.8   | 64.3   | 71.4   | 73.5   | 75.6   | 79.2   | 82.0   | 88.3   | 94.7   |
| 85°    | 51.6   | 41.7   | 31.8   | 31.1   | 37.4   | 41.0   | 44.5   | 48.8   | 52.3   | 57.9   | 63.6   |
| 87.5°  | 5.7    | 2.8    | 0.0    | 0.0    | 0.7    | 3.5    | 6.3    | 9.9    | 13.4   | 19.1   | 24.0   |
| 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-SA3C-735-U-SLL

**CANDELA DISTRIBUTION (continued):**

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

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CATALOG NUMBER: GLEON-SA3C-735-U-SLL

**CANDELA DISTRIBUTION (continued):**

|        | 220°   | 225°   | 230°   | 235°   | 240°   | 245°   | 250°   | 255°   | 260°   | 265°   | 270°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 5385.6 | 5385.6 | 5385.6 | 5385.6 | 5385.6 | 5385.6 | 5385.6 | 5385.6 | 5385.6 | 5385.6 | 5385.6 |
| 2.5°   | 4527.6 | 4495.8 | 4528.3 | 4560.1 | 4573.6 | 4587.0 | 4552.4 | 4517.1 | 4572.1 | 4626.6 | 4640.7 |
| 5°     | 3709.2 | 3680.2 | 3702.2 | 3723.3 | 3676.0 | 3628.7 | 3623.6 | 3618.0 | 3659.0 | 3700.0 | 3706.3 |
| 7.5°   | 2875.2 | 2866.0 | 2886.5 | 2907.0 | 2846.9 | 2786.2 | 2756.4 | 2726.7 | 2736.7 | 2746.6 | 2745.2 |
| 10°    | 2143.7 | 2149.4 | 2174.8 | 2199.5 | 2152.9 | 2106.2 | 2085.7 | 2065.2 | 2087.9 | 2109.8 | 2130.3 |
| 12.5°  | 1605.8 | 1617.8 | 1644.6 | 1670.8 | 1651.7 | 1632.0 | 1634.1 | 1636.2 | 1662.3 | 1687.8 | 1710.4 |
| 15°    | 1247.4 | 1261.6 | 1280.7 | 1299.0 | 1299.8 | 1299.8 | 1318.1 | 1335.8 | 1333.7 | 1331.6 | 1347.1 |
| 17.5°  | 1032.6 | 1051.0 | 1053.1 | 1055.3 | 1055.9 | 1056.7 | 1055.3 | 1053.8 | 1043.2 | 1032.6 | 1044.6 |
| 20°    | 884.2  | 890.6  | 896.2  | 901.2  | 894.8  | 887.7  | 870.1  | 852.4  | 845.3  | 838.2  | 849.6  |
| 22.5°  | 804.3  | 815.7  | 810.0  | 803.6  | 790.9  | 777.5  | 764.1  | 749.9  | 749.2  | 747.8  | 754.2  |
| 25°    | 737.1  | 746.4  | 736.5  | 726.6  | 717.4  | 708.2  | 699.0  | 689.8  | 689.2  | 688.4  | 691.2  |
| 27.5°  | 681.3  | 689.8  | 680.6  | 671.5  | 663.6  | 655.9  | 648.8  | 641.7  | 640.3  | 638.9  | 639.6  |
| 30°    | 633.3  | 641.1  | 633.3  | 624.8  | 619.1  | 612.8  | 607.8  | 602.9  | 602.2  | 601.5  | 601.5  |
| 32.5°  | 590.1  | 598.0  | 592.3  | 586.6  | 581.7  | 576.7  | 573.2  | 569.6  | 566.1  | 562.6  | 554.8  |
| 35°    | 552.7  | 560.5  | 557.0  | 552.7  | 547.0  | 541.4  | 535.0  | 528.0  | 518.8  | 508.9  | 504.6  |
| 37.5°  | 520.9  | 528.7  | 525.1  | 521.6  | 513.8  | 506.0  | 494.7  | 482.7  | 479.9  | 476.4  | 475.6  |
| 40°    | 495.5  | 507.5  | 500.4  | 492.6  | 480.6  | 468.6  | 463.0  | 457.3  | 455.9  | 454.5  | 453.0  |
| 42.5°  | 467.2  | 485.5  | 472.9  | 460.1  | 448.8  | 437.5  | 436.1  | 434.7  | 434.0  | 433.3  | 433.3  |
| 45°    | 431.9  | 451.6  | 438.9  | 425.4  | 419.1  | 412.8  | 412.8  | 412.8  | 413.5  | 413.5  | 414.9  |
| 47.5°  | 398.6  | 410.6  | 404.3  | 398.0  | 394.4  | 390.9  | 391.5  | 392.3  | 394.4  | 395.8  | 399.4  |
| 50°    | 370.4  | 374.6  | 376.0  | 376.7  | 374.6  | 372.4  | 373.9  | 374.6  | 376.7  | 378.1  | 380.9  |
| 52.5°  | 349.9  | 356.2  | 356.2  | 355.5  | 355.5  | 355.5  | 357.0  | 358.4  | 360.4  | 362.6  | 365.4  |
| 55°    | 336.4  | 345.6  | 342.8  | 339.9  | 340.7  | 340.7  | 342.1  | 343.5  | 345.6  | 347.0  | 351.3  |
| 57.5°  | 323.7  | 333.6  | 330.8  | 327.9  | 327.9  | 327.9  | 328.6  | 329.4  | 331.4  | 332.9  | 335.7  |
| 60°    | 308.9  | 318.8  | 315.9  | 312.4  | 313.1  | 313.8  | 314.5  | 314.5  | 315.9  | 316.6  | 316.6  |
| 62.5°  | 291.2  | 301.1  | 298.3  | 294.7  | 296.9  | 298.3  | 298.3  | 298.3  | 299.7  | 300.4  | 298.3  |
| 65°    | 272.9  | 282.0  | 279.2  | 276.4  | 279.2  | 281.3  | 282.7  | 283.4  | 282.7  | 282.0  | 279.9  |
| 67.5°  | 253.0  | 262.2  | 259.3  | 255.9  | 259.3  | 262.2  | 265.0  | 267.2  | 265.0  | 262.9  | 260.1  |
| 70°    | 231.9  | 241.0  | 237.5  | 233.9  | 237.5  | 241.0  | 243.9  | 246.7  | 243.9  | 241.0  | 240.3  |
| 72.5°  | 209.2  | 219.8  | 215.6  | 211.4  | 215.6  | 219.8  | 221.2  | 222.6  | 220.5  | 218.4  | 217.0  |
| 75°    | 184.4  | 195.1  | 191.5  | 187.3  | 190.9  | 194.3  | 195.1  | 195.8  | 195.8  | 195.1  | 190.9  |
| 77.5°  | 158.4  | 166.8  | 164.7  | 162.6  | 164.7  | 166.8  | 166.8  | 166.8  | 167.5  | 167.5  | 161.8  |
| 80°    | 127.2  | 132.2  | 132.8  | 133.6  | 134.3  | 135.0  | 134.3  | 133.6  | 132.2  | 130.8  | 127.2  |
| 82.5°  | 94.7   | 94.7   | 100.3  | 105.3  | 105.3  | 104.6  | 103.9  | 102.5  | 99.7   | 96.1   | 88.3   |
| 85°    | 60.1   | 56.5   | 65.8   | 74.2   | 74.2   | 73.5   | 72.1   | 70.0   | 64.3   | 57.9   | 51.6   |
| 87.5°  | 20.5   | 17.0   | 26.2   | 35.3   | 36.1   | 36.1   | 34.7   | 33.3   | 27.6   | 21.2   | 16.3   |
| 90°    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 92.5°  | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 95°    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 97.5°  | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 100°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 102.5° | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 105°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 107.5° | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 110°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |



REPORT NUMBER: P383003  
 CATALOG NUMBER: GLEON-SA3C-735-U-SLL

**CANDELA DISTRIBUTION (continued):**

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

REPORT NUMBER: P383003

CATALOG NUMBER: GLEON-SA3C-735-U-SLL

**CANDELA DISTRIBUTION (continued):**

|        | 275°   | 280°   | 285°   | 290°   | 295°   | 300°   | 305°   | 310°   | 315°   | 320°   | 325°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 5385.6 | 5385.6 | 5385.6 | 5385.6 | 5385.6 | 5385.6 | 5385.6 | 5385.6 | 5385.6 | 5385.6 | 5385.6 |
| 2.5°   | 4661.9 | 4671.2 | 4679.6 | 4748.8 | 4817.4 | 4898.0 | 4978.6 | 5040.0 | 5100.9 | 5163.8 | 5226.6 |
| 5°     | 3728.2 | 3739.6 | 3750.9 | 3835.0 | 3918.4 | 4030.8 | 4143.2 | 4239.9 | 4336.8 | 4450.6 | 4564.4 |
| 7.5°   | 2763.5 | 2788.2 | 2812.2 | 2902.1 | 2991.1 | 3111.9 | 3232.1 | 3358.6 | 3484.5 | 3632.8 | 3781.2 |
| 10°    | 2170.5 | 2217.2 | 2263.1 | 2355.0 | 2446.9 | 2566.3 | 2685.1 | 2817.3 | 2949.4 | 3095.7 | 3241.3 |
| 12.5°  | 1757.1 | 1819.2 | 1880.7 | 1991.0 | 2101.3 | 2244.0 | 2386.1 | 2533.1 | 2679.4 | 2808.1 | 2936.7 |
| 15°    | 1388.1 | 1456.0 | 1523.1 | 1639.7 | 1756.3 | 1913.2 | 2069.4 | 2229.9 | 2389.6 | 2543.7 | 2697.8 |
| 17.5°  | 1082.8 | 1138.6 | 1193.8 | 1292.7 | 1391.0 | 1542.9 | 1694.9 | 1863.1 | 2031.3 | 2219.3 | 2406.6 |
| 20°    | 873.6  | 896.9  | 920.3  | 991.6  | 1062.3 | 1186.0 | 1308.9 | 1480.7 | 1652.5 | 1877.3 | 2101.9 |
| 22.5°  | 765.5  | 777.5  | 788.7  | 823.4  | 857.3  | 937.2  | 1016.3 | 1168.3 | 1319.5 | 1564.8 | 1809.3 |
| 25°    | 700.4  | 709.7  | 718.8  | 741.4  | 764.1  | 802.2  | 840.3  | 947.1  | 1053.8 | 1294.9 | 1535.1 |
| 27.5°  | 641.7  | 655.9  | 669.3  | 679.9  | 689.8  | 716.0  | 741.4  | 811.4  | 881.3  | 1106.1 | 1330.2 |
| 30°    | 599.4  | 604.3  | 609.2  | 625.5  | 641.1  | 667.9  | 694.7  | 743.6  | 792.3  | 982.4  | 1171.9 |
| 32.5°  | 549.9  | 557.0  | 564.1  | 581.0  | 598.0  | 622.6  | 647.4  | 687.0  | 725.9  | 888.4  | 1050.3 |
| 35°    | 505.4  | 512.4  | 519.5  | 536.5  | 552.7  | 579.5  | 605.7  | 638.9  | 671.5  | 812.8  | 954.2  |
| 37.5°  | 477.8  | 484.9  | 492.0  | 506.8  | 520.9  | 547.7  | 573.9  | 600.1  | 625.5  | 756.2  | 887.0  |
| 40°    | 454.5  | 461.5  | 468.6  | 482.7  | 496.1  | 522.3  | 547.7  | 569.6  | 591.5  | 713.8  | 836.2  |
| 42.5°  | 434.0  | 441.7  | 449.5  | 463.6  | 477.0  | 500.4  | 523.7  | 552.7  | 581.0  | 677.1  | 772.5  |
| 45°    | 417.0  | 424.8  | 431.9  | 447.4  | 463.0  | 485.5  | 508.2  | 548.5  | 588.7  | 658.0  | 727.3  |
| 47.5°  | 401.5  | 410.0  | 417.7  | 434.7  | 451.6  | 479.9  | 507.5  | 541.4  | 574.6  | 643.1  | 711.7  |
| 50°    | 386.6  | 396.5  | 406.4  | 426.9  | 446.7  | 494.0  | 540.7  | 545.6  | 549.9  | 631.1  | 711.7  |
| 52.5°  | 372.4  | 383.8  | 395.1  | 420.5  | 445.3  | 500.4  | 555.6  | 537.9  | 519.5  | 608.6  | 697.6  |
| 55°    | 358.4  | 368.2  | 377.5  | 408.5  | 439.6  | 479.9  | 520.2  | 496.9  | 472.9  | 566.1  | 659.4  |
| 57.5°  | 339.3  | 349.9  | 359.8  | 392.9  | 426.2  | 454.5  | 482.0  | 460.8  | 438.9  | 518.0  | 596.6  |
| 60°    | 319.4  | 331.4  | 343.5  | 385.9  | 427.6  | 422.6  | 417.0  | 412.8  | 407.8  | 464.4  | 520.9  |
| 62.5°  | 301.8  | 314.5  | 327.3  | 382.4  | 437.5  | 403.5  | 369.6  | 373.2  | 376.0  | 417.7  | 459.4  |
| 65°    | 284.1  | 296.9  | 308.9  | 336.4  | 364.0  | 350.5  | 337.1  | 342.8  | 347.7  | 388.7  | 429.7  |
| 67.5°  | 264.4  | 275.6  | 286.3  | 295.4  | 304.6  | 306.0  | 307.4  | 313.1  | 318.8  | 367.5  | 415.6  |
| 70°    | 242.4  | 251.6  | 260.8  | 267.2  | 272.9  | 275.6  | 277.8  | 284.9  | 291.9  | 345.0  | 398.0  |
| 72.5°  | 217.7  | 225.4  | 232.5  | 238.2  | 243.9  | 245.9  | 247.4  | 254.4  | 261.5  | 318.0  | 374.6  |
| 75°    | 190.9  | 197.2  | 202.9  | 207.8  | 212.8  | 215.6  | 218.4  | 223.4  | 228.3  | 289.8  | 350.5  |
| 77.5°  | 161.2  | 167.5  | 173.2  | 177.4  | 180.9  | 183.8  | 185.8  | 192.3  | 198.6  | 250.2  | 301.1  |
| 80°    | 125.9  | 133.6  | 140.7  | 144.2  | 147.0  | 147.7  | 147.7  | 153.3  | 159.0  | 195.8  | 231.9  |
| 82.5°  | 89.1   | 97.5   | 105.3  | 108.2  | 110.9  | 110.9  | 110.9  | 117.3  | 123.7  | 148.4  | 172.4  |
| 85°    | 52.3   | 61.5   | 70.0   | 72.8   | 75.6   | 77.0   | 77.8   | 80.6   | 82.7   | 100.3  | 117.3  |
| 87.5°  | 16.3   | 24.0   | 31.1   | 32.5   | 33.9   | 36.8   | 39.6   | 40.2   | 40.2   | 52.3   | 64.3   |
| 90°    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 92.5°  | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 95°    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 97.5°  | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 100°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 102.5° | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 105°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 107.5° | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 110°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |



REPORT NUMBER: P383003  
 CATALOG NUMBER: GLEON-SA3C-735-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-SA3C-735-U-SLL

**CANDELA DISTRIBUTION (continued):**

|        | 330°   | 335°   | 340°   | 345°   | 350°   | 355°    | 360°    |
|--------|--------|--------|--------|--------|--------|---------|---------|
| 0°     | 5385.6 | 5385.6 | 5385.6 | 5385.6 | 5385.6 | 5385.6  | 5385.6  |
| 2.5°   | 5298.7 | 5370.8 | 5455.0 | 5538.3 | 5609.7 | 5681.1  | 5740.5  |
| 5°     | 4709.3 | 4854.2 | 5031.6 | 5208.3 | 5365.9 | 5523.5  | 5706.6  |
| 7.5°   | 3968.6 | 4155.9 | 4385.5 | 4615.3 | 4837.9 | 5059.9  | 5341.1  |
| 10°    | 3432.1 | 3622.2 | 3865.4 | 4107.8 | 4358.1 | 4607.5  | 4925.6  |
| 12.5°  | 3091.4 | 3245.5 | 3480.9 | 3716.2 | 4010.3 | 4303.6  | 4609.7  |
| 15°    | 2866.7 | 3034.9 | 3264.0 | 3492.9 | 3814.5 | 4136.1  | 4488.1  |
| 17.5°  | 2627.2 | 2846.9 | 3140.2 | 3433.6 | 3814.5 | 4194.8  | 4609.7  |
| 20°    | 2376.2 | 2649.7 | 3030.0 | 3410.2 | 3923.3 | 4435.8  | 4965.1  |
| 22.5°  | 2126.0 | 2442.6 | 2930.3 | 3417.3 | 4088.0 | 4758.1  | 5472.7  |
| 25°    | 1900.5 | 2266.0 | 2869.5 | 3472.4 | 4327.6 | 5182.1  | 6068.5  |
| 27.5°  | 1729.5 | 2128.1 | 2844.8 | 3560.7 | 4631.6 | 5702.3  | 6716.6  |
| 30°    | 1577.6 | 1983.3 | 2815.1 | 3647.0 | 4924.2 | 6200.6  | 7223.3  |
| 32.5°  | 1446.0 | 1841.9 | 2757.8 | 3673.2 | 5128.4 | 6583.7  | 7652.3  |
| 35°    | 1342.9 | 1731.7 | 2661.7 | 3591.9 | 5256.4 | 6920.8  | 8099.1  |
| 37.5°  | 1253.9 | 1620.6 | 2552.2 | 3483.7 | 5370.1 | 7256.6  | 8601.5  |
| 40°    | 1169.0 | 1501.9 | 2458.2 | 3413.7 | 5527.1 | 7640.3  | 9132.3  |
| 42.5°  | 1088.4 | 1404.4 | 2382.5 | 3360.7 | 5672.7 | 7983.8  | 9596.7  |
| 45°    | 1028.3 | 1329.4 | 2315.5 | 3300.7 | 5766.7 | 8232.6  | 9946.5  |
| 47.5°  | 998.7  | 1284.9 | 2279.4 | 3273.1 | 5860.6 | 8447.5  | 10237.1 |
| 50°    | 994.4  | 1277.2 | 2320.4 | 3363.5 | 6064.2 | 8764.1  | 10569.2 |
| 52.5°  | 993.8  | 1289.9 | 2438.4 | 3586.9 | 6442.3 | 9297.0  | 10929.0 |
| 55°    | 978.9  | 1297.6 | 2579.1 | 3859.8 | 6949.8 | 10039.1 | 11575.7 |
| 57.5°  | 933.7  | 1270.8 | 2723.9 | 4176.4 | 7486.2 | 10795.4 | 12304.3 |
| 60°    | 863.7  | 1205.8 | 2843.4 | 4480.3 | 7846.7 | 11212.4 | 12584.9 |
| 62.5°  | 776.1  | 1092.0 | 2883.0 | 4673.2 | 7836.8 | 11000.4 | 12302.2 |
| 65°    | 701.1  | 972.5  | 2752.9 | 4532.6 | 7440.3 | 10347.3 | 11743.2 |
| 67.5°  | 634.7  | 853.1  | 2427.8 | 4001.8 | 6727.2 | 9451.8  | 11032.1 |
| 70°    | 586.6  | 774.7  | 2008.7 | 3242.7 | 5834.5 | 8425.6  | 10208.7 |
| 72.5°  | 556.2  | 737.1  | 1637.6 | 2537.3 | 4734.8 | 6931.4  | 8732.3  |
| 75°    | 514.5  | 678.5  | 1284.9 | 1890.7 | 3623.6 | 5356.7  | 6595.7  |
| 77.5°  | 436.8  | 571.8  | 968.3  | 1364.8 | 2658.9 | 3952.4  | 4587.0  |
| 80°    | 337.1  | 441.7  | 665.8  | 889.8  | 1829.8 | 2769.9  | 3127.5  |
| 82.5°  | 240.3  | 308.2  | 403.5  | 499.0  | 1215.7 | 1931.7  | 1961.3  |
| 85°    | 148.4  | 179.5  | 231.1  | 282.7  | 804.3  | 1326.0  | 1104.7  |
| 87.5°  | 79.8   | 95.4   | 122.3  | 148.4  | 257.3  | 366.1   | 210.6   |
| 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: P383003  
 CATALOG NUMBER: GLEON-SA3C-735-U-SLL

**CANDELA DISTRIBUTION (continued):**

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

LM-79-08: Approved Method: Electrical and Photometric Measurements of Solid-State Lighting Products

Report Prepared for

Cooper Lighting Solutions

All Brands

Data applicable to all product families using SA light engines

Report Number: SP1-2101-121-7

Luminaire Tested: IFLD-S-SA2A-735-U-T2

Test Date: 03/04/2021

### Test Information

Test Method: LM-79-08  
 Report Number: SP1-2101-121-7  
 Test Lab: COOPER LIGHTING SOLUTIONS  
 Photometer: SP1  
 Measurement Geometry:  $4\pi$   
 Issue Date: 03/04/2021  
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
 Product Line: STREETWORKS  
 Catalog Number: **IFLD-S-SA2A-735-U-T2**  
 Description: STREETWORKS INF FLOOD

PROGRAMMED @ 615mA.

### Spectral Parameters

|                           |        |           |      |      |       |
|---------------------------|--------|-----------|------|------|-------|
| CCT (K):                  | 3388   | CRI (Ra): | 73.1 |      |       |
| CIE u':                   | 0.2371 | R1:       | 68.9 | R9:  | -34.6 |
| CIE v':                   | 0.5177 | R2:       | 81.1 | R10: | 57.8  |
| Duv:                      | 0.0032 | R3:       | 93.1 | R11: | 68.6  |
| CIE x:                    | 0.4153 | R4:       | 71.6 | R12: | 53.9  |
| CIE y:                    | 0.4030 | R5:       | 69.4 | R13: | 70.9  |
| CIE z:                    | 0.1817 | R6:       | 75.0 | R14: | 96.2  |
| Peak Wavelength (nm):     | 590    | R7:       | 79.5 |      |       |
| Dominant Wavelength (nm): | 580    | R8:       | 46.4 |      |       |
| Purity:                   | 45.7   |           |      |      |       |
| Rf:                       | 76.9   |           |      |      |       |
| Rg:                       | 94.4   |           |      |      |       |



### Test Conditions

Stabilization Time: 81M  
 Operation Time: 12H  
 Room Temperature (°C) / RH%: 25.0/30%  
 Sphere Temperature (°C): 24.1

REPORT NUMBER: SP1-2101-121-7

| Measurement and Test Equipment |                       |                  |                      |
|--------------------------------|-----------------------|------------------|----------------------|
| Instrument                     | Identification Number | Calibration Date | Calibration Due Date |
| Photometer                     | IN0058                | 1/31/2021        | 7/31/2021            |
| Power Meter                    | IN0071                | 12/1/2020        | 12/1/2021            |
| AC Power Source                | IN0063                | 12/1/2020        | 12/1/2021            |
| DC Power Source                | IN0208                | 12/1/2020        | 12/1/2021            |
| Sphere Thermometer             | IN0085                | 12/1/2020        | 12/1/2021            |
| Room Thermometer               | IN0046                | 12/1/2020        | 12/1/2021            |

REPORT NUMBER: SP1-2101-121-7

**CIE 1931 Chromaticity Diagram**



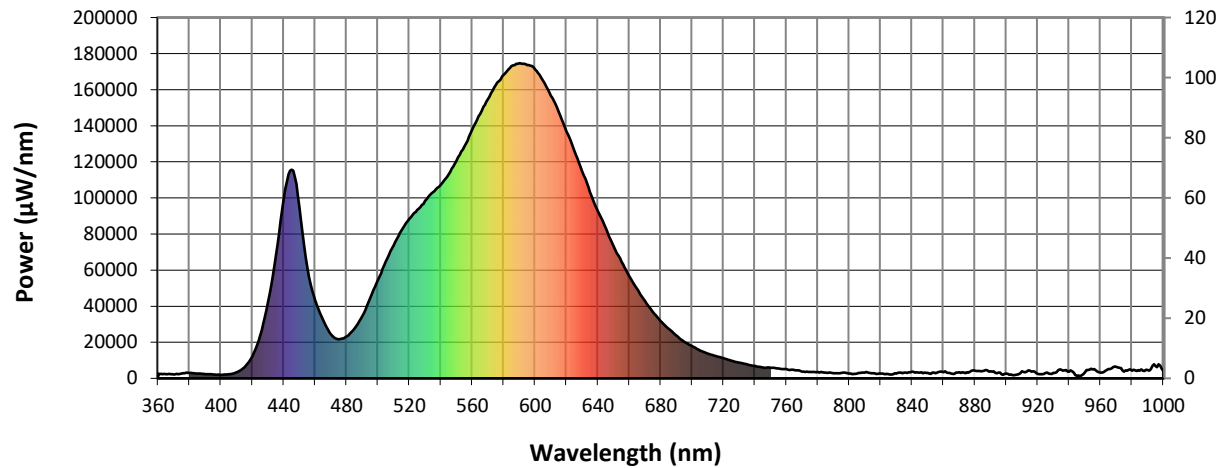
**CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles**



Point lies inside the ANSI 3500K 4-step quadrangle

REPORT NUMBER: SP1-2101-121-7

### Photopic Flux vs. Wavelength

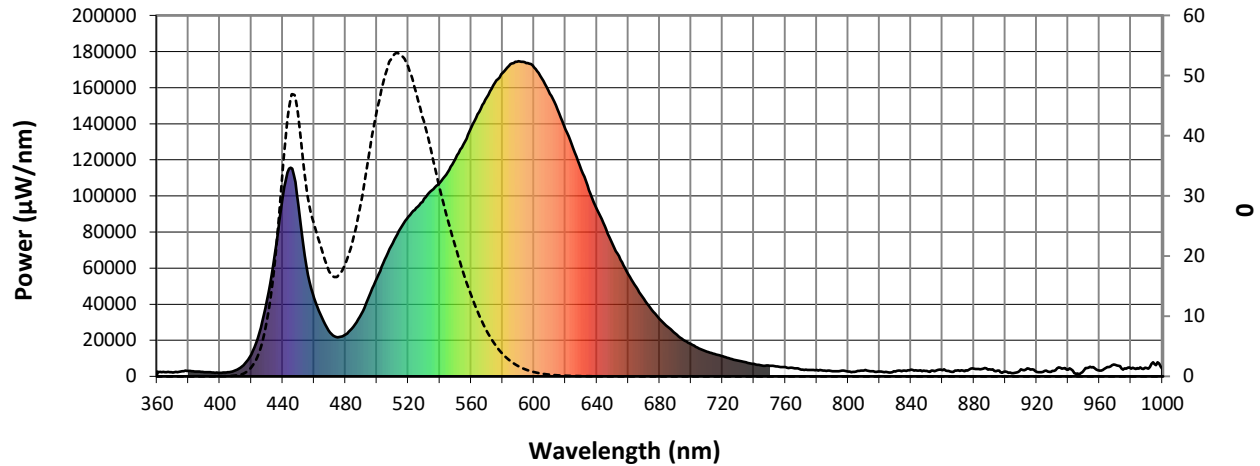


#####

| λ<br>(nm) | Power<br>(μW/nm) | Lumens<br>(Φ/nm) | λ<br>(nm) | Power<br>(μW/nm) | Lumens<br>(Φ/nm) | λ<br>(nm) | Power<br>(μW/nm) | Lumens<br>(Φ/nm) | λ<br>(nm) | Power<br>(μW/nm) | Lumens<br>(Φ/nm) | λ<br>(nm) | Power<br>(μW/nm) | Lumens<br>(Φ/nm) |
|-----------|------------------|------------------|-----------|------------------|------------------|-----------|------------------|------------------|-----------|------------------|------------------|-----------|------------------|------------------|
| 360       | 2672             | 0.0              | 490       | 34553            | 4.9              | 620       | 136720           | 35.6             | 750       | 5870             | 0.0              | 880       | 4216             | 0.0              |
| 365       | 2252             | 0.0              | 495       | 44336            | 8.0              | 625       | 126308           | 27.9             | 755       | 5421             | 0.0              | 885       | 4132             | 0.0              |
| 370       | 2217             | 0.0              | 500       | 54643            | 12.1             | 630       | 114625           | 20.7             | 760       | 5097             | 0.0              | 890       | 3992             | 0.0              |
| 375       | 2697             | 0.0              | 505       | 64676            | 18.1             | 635       | 103216           | 15.5             | 765       | 4626             | 0.0              | 895       | 3214             | 0.0              |
| 380       | 3039             | 0.0              | 510       | 73825            | 25.4             | 640       | 92605            | 11.1             | 770       | 3782             | 0.0              | 900       | 2580             | 0.0              |
| 385       | 2655             | 0.0              | 515       | 81872            | 33.9             | 645       | 83234            | 8.0              | 775       | 3506             | 0.0              | 905       | 1776             | 0.0              |
| 390       | 2357             | 0.0              | 520       | 88574            | 43.0             | 650       | 73263            | 5.4              | 780       | 3507             | 0.0              | 910       | 3995             | 0.0              |
| 395       | 2186             | 0.0              | 525       | 93289            | 50.1             | 655       | 64627            | 3.7              | 785       | 3267             | 0.0              | 915       | 4288             | 0.0              |
| 400       | 2015             | 0.0              | 530       | 98393            | 57.9             | 660       | 56614            | 2.4              | 790       | 2849             | 0.0              | 920       | 2446             | 0.0              |
| 405       | 2234             | 0.0              | 535       | 103269           | 64.0             | 665       | 49537            | 1.6              | 795       | 3037             | 0.0              | 925       | 3009             | 0.0              |
| 410       | 3412             | 0.0              | 540       | 107316           | 69.9             | 670       | 42866            | 0.9              | 800       | 2716             | 0.0              | 930       | 3026             | 0.0              |
| 415       | 6135             | 0.0              | 545       | 113101           | 75.3             | 675       | 36708            | 0.6              | 805       | 2648             | 0.0              | 935       | 4734             | 0.0              |
| 420       | 12146            | 0.0              | 550       | 120690           | 82.0             | 680       | 31814            | 0.4              | 810       | 3187             | 0.0              | 940       | 3719             | 0.0              |
| 425       | 23983            | 0.1              | 555       | 128583           | 87.8             | 685       | 27485            | 0.2              | 815       | 2931             | 0.0              | 945       | 1480             | 0.0              |
| 430       | 42142            | 0.3              | 560       | 137796           | 93.6             | 690       | 23698            | 0.1              | 820       | 2717             | 0.0              | 950       | 3450             | 0.0              |
| 435       | 68228            | 0.8              | 565       | 146577           | 97.5             | 695       | 20309            | 0.1              | 825       | 2236             | 0.0              | 955       | 5051             | 0.0              |
| 440       | 99323            | 1.6              | 570       | 154581           | 100.5            | 700       | 17890            | 0.1              | 830       | 2628             | 0.0              | 960       | 3176             | 0.0              |
| 445       | 115584           | 2.4              | 575       | 162633           | 101.2            | 705       | 15500            | 0.0              | 835       | 3140             | 0.0              | 965       | 5178             | 0.0              |
| 450       | 94997            | 2.5              | 580       | 168101           | 99.9             | 710       | 13699            | 0.0              | 840       | 3675             | 0.0              | 970       | 6385             | 0.0              |
| 455       | 61433            | 2.1              | 585       | 173145           | 96.2             | 715       | 12398            | 0.0              | 845       | 3283             | 0.0              | 975       | 3810             | 0.0              |
| 460       | 43373            | 1.8              | 590       | 174675           | 90.3             | 720       | 11147            | 0.0              | 850       | 3055             | 0.0              | 980       | 4322             | 0.0              |
| 465       | 32472            | 1.7              | 595       | 173724           | 82.3             | 725       | 9761             | 0.0              | 855       | 2932             | 0.0              | 985       | 4200             | 0.0              |
| 470       | 24257            | 1.5              | 600       | 171241           | 73.8             | 730       | 8651             | 0.0              | 860       | 3382             | 0.0              | 990       | 4661             | 0.0              |
| 475       | 21690            | 1.7              | 605       | 165134           | 64.0             | 735       | 7730             | 0.0              | 865       | 2605             | 0.0              | 995       | 6746             | 0.0              |
| 480       | 23173            | 2.2              | 610       | 156652           | 53.8             | 740       | 6847             | 0.0              | 870       | 3325             | 0.0              | 1000      | 4150             | 0.0              |
| 485       | 27564            | 3.3              | 615       | 147879           | 44.6             | 745       | 6124             | 0.0              | 875       | 3325             | 0.0              |           |                  |                  |

REPORT NUMBER: SP1-2101-121-7

### Scotopic Flux vs. Wavelength



Scotopic Lumens: 12126

S/P: 1.36

| λ<br>(nm) | Power<br>(μW/nm) | Lumens<br>(Φ/nm) | λ<br>(nm) | Power<br>(μW/nm) | Lumens<br>(Φ/nm) | λ<br>(nm) | Power<br>(μW/nm) | Lumens<br>(Φ/nm) | λ<br>(nm) | Power<br>(μW/nm) | Lumens<br>(Φ/nm) | λ<br>(nm) | Power<br>(μW/nm) | Lumens<br>(Φ/nm) |
|-----------|------------------|------------------|-----------|------------------|------------------|-----------|------------------|------------------|-----------|------------------|------------------|-----------|------------------|------------------|
| 360       | 2672             | 0.0              | 490       | 34553            | 53.2             | 620       | 136720           | 1.7              | 750       | 5870             | 0.0              | 880       | 4216             | 0.0              |
| 365       | 2252             | 0.0              | 495       | 44336            | 71.7             | 625       | 126308           | 1.1              | 755       | 5421             | 0.0              | 885       | 4132             | 0.0              |
| 370       | 2217             | 0.0              | 500       | 54643            | 91.4             | 630       | 114625           | 0.6              | 760       | 5097             | 0.0              | 890       | 3992             | 0.0              |
| 375       | 2697             | 0.0              | 505       | 64676            | 110.0            | 635       | 103216           | 0.4              | 765       | 4626             | 0.0              | 895       | 3214             | 0.0              |
| 380       | 3039             | 0.0              | 510       | 73825            | 125.1            | 640       | 92605            | 0.2              | 770       | 3782             | 0.0              | 900       | 2580             | 0.0              |
| 385       | 2655             | 0.0              | 515       | 81872            | 135.7            | 645       | 83234            | 0.1              | 775       | 3506             | 0.0              | 905       | 1776             | 0.0              |
| 390       | 2357             | 0.0              | 520       | 88574            | 140.8            | 650       | 73263            | 0.1              | 780       | 3507             | 0.0              | 910       | 3995             | 0.0              |
| 395       | 2186             | 0.0              | 525       | 93289            | 139.6            | 655       | 64627            | 0.1              | 785       | 3267             | 0.0              | 915       | 4288             | 0.0              |
| 400       | 2015             | 0.0              | 530       | 98393            | 135.7            | 660       | 56614            | 0.0              | 790       | 2849             | 0.0              | 920       | 2446             | 0.0              |
| 405       | 2234             | 0.1              | 535       | 103269           | 128.7            | 665       | 49537            | 0.0              | 795       | 3037             | 0.0              | 925       | 3009             | 0.0              |
| 410       | 3412             | 0.2              | 540       | 107316           | 118.6            | 670       | 42866            | 0.0              | 800       | 2716             | 0.0              | 930       | 3026             | 0.0              |
| 415       | 6135             | 0.6              | 545       | 113101           | 108.4            | 675       | 36708            | 0.0              | 805       | 2648             | 0.0              | 935       | 4734             | 0.0              |
| 420       | 12146            | 2.0              | 550       | 120690           | 98.7             | 680       | 31814            | 0.0              | 810       | 3187             | 0.0              | 940       | 3719             | 0.0              |
| 425       | 23983            | 5.9              | 555       | 128583           | 87.9             | 685       | 27485            | 0.0              | 815       | 2931             | 0.0              | 945       | 1480             | 0.0              |
| 430       | 42142            | 14.3             | 560       | 137796           | 77.0             | 690       | 23698            | 0.0              | 820       | 2717             | 0.0              | 950       | 3450             | 0.0              |
| 435       | 68228            | 30.5             | 565       | 146577           | 65.8             | 695       | 20309            | 0.0              | 825       | 2236             | 0.0              | 955       | 5051             | 0.0              |
| 440       | 99323            | 55.5             | 570       | 154581           | 54.6             | 700       | 17890            | 0.0              | 830       | 2628             | 0.0              | 960       | 3176             | 0.0              |
| 445       | 115584           | 77.4             | 575       | 162633           | 44.3             | 705       | 15500            | 0.0              | 835       | 3140             | 0.0              | 965       | 5178             | 0.0              |
| 450       | 94997            | 73.6             | 580       | 168101           | 34.6             | 710       | 13699            | 0.0              | 840       | 3675             | 0.0              | 970       | 6385             | 0.0              |
| 455       | 61433            | 53.7             | 585       | 173145           | 26.5             | 715       | 12398            | 0.0              | 845       | 3283             | 0.0              | 975       | 3810             | 0.0              |
| 460       | 43373            | 41.9             | 590       | 174675           | 19.5             | 720       | 11147            | 0.0              | 850       | 3055             | 0.0              | 980       | 4322             | 0.0              |
| 465       | 32472            | 34.3             | 595       | 173724           | 13.9             | 725       | 9761             | 0.0              | 855       | 2932             | 0.0              | 985       | 4200             | 0.0              |
| 470       | 24257            | 27.9             | 600       | 171241           | 9.7              | 730       | 8651             | 0.0              | 860       | 3382             | 0.0              | 990       | 4661             | 0.0              |
| 475       | 21690            | 27.1             | 605       | 165134           | 6.5              | 735       | 7730             | 0.0              | 865       | 2605             | 0.0              | 995       | 6746             | 0.0              |
| 480       | 23173            | 31.3             | 610       | 156652           | 4.2              | 740       | 6847             | 0.0              | 870       | 3325             | 0.0              | 1000      | 4150             | 0.0              |
| 485       | 27564            | 40.0             | 615       | 147879           | 2.7              | 745       | 6124             | 0.0              | 875       | 3325             | 0.0              |           |                  |                  |

REPORT NUMBER: SP1-2101-121-7

### Melanopic Flux vs. Wavelength



Melanopic Lumens: 4490.7

M/P: 0.5

| λ<br>(nm) | Power<br>(μW/nm) | Lumens<br>(Φ/nm) | λ<br>(nm) | Power<br>(μW/nm) | Lumens<br>(Φ/nm) | λ<br>(nm) | Power<br>(μW/nm) | Lumens<br>(Φ/nm) | λ<br>(nm) | Power<br>(μW/nm) | Lumens<br>(Φ/nm) | λ<br>(nm) | Power<br>(μW/nm) | Lumens<br>(Φ/nm) |
|-----------|------------------|------------------|-----------|------------------|------------------|-----------|------------------|------------------|-----------|------------------|------------------|-----------|------------------|------------------|
| 360       | 2672             | 0.0              | 490       | 34553            | 28.8             | 620       | 136720           | 0.1              | 750       | 5870             | 0.0              | 880       | 4216             | 0.0              |
| 365       | 2252             | 0.0              | 495       | 44336            | 36.6             | 625       | 126308           | 0.1              | 755       | 5421             | 0.0              | 885       | 4132             | 0.0              |
| 370       | 2217             | 0.0              | 500       | 54643            | 43.9             | 630       | 114625           | 0.0              | 760       | 5097             | 0.0              | 890       | 3992             | 0.0              |
| 375       | 2697             | 0.0              | 505       | 64676            | 49.6             | 635       | 103216           | 0.0              | 765       | 4626             | 0.0              | 895       | 3214             | 0.0              |
| 380       | 3039             | 0.0              | 510       | 73825            | 53.0             | 640       | 92605            | 0.0              | 770       | 3782             | 0.0              | 900       | 2580             | 0.0              |
| 385       | 2655             | 0.0              | 515       | 81872            | 53.5             | 645       | 83234            | 0.0              | 775       | 3506             | 0.0              | 905       | 1776             | 0.0              |
| 390       | 2357             | 0.0              | 520       | 88574            | 51.6             | 650       | 73263            | 0.0              | 780       | 3507             | 0.0              | 910       | 3995             | 0.0              |
| 395       | 2186             | 0.0              | 525       | 93289            | 47.3             | 655       | 64627            | 0.0              | 785       | 3267             | 0.0              | 915       | 4288             | 0.0              |
| 400       | 2015             | 0.0              | 530       | 98393            | 42.5             | 660       | 56614            | 0.0              | 790       | 2849             | 0.0              | 920       | 2446             | 0.0              |
| 405       | 2234             | 0.0              | 535       | 103269           | 37.2             | 665       | 49537            | 0.0              | 795       | 3037             | 0.0              | 925       | 3009             | 0.0              |
| 410       | 3412             | 0.1              | 540       | 107316           | 31.4             | 670       | 42866            | 0.0              | 800       | 2716             | 0.0              | 930       | 3026             | 0.0              |
| 415       | 6135             | 0.4              | 545       | 113101           | 26.3             | 675       | 36708            | 0.0              | 805       | 2648             | 0.0              | 935       | 4734             | 0.0              |
| 420       | 12146            | 1.4              | 550       | 120690           | 21.7             | 680       | 31814            | 0.0              | 810       | 3187             | 0.0              | 940       | 3719             | 0.0              |
| 425       | 23983            | 3.7              | 555       | 128583           | 17.3             | 685       | 27485            | 0.0              | 815       | 2931             | 0.0              | 945       | 1480             | 0.0              |
| 430       | 42142            | 8.9              | 560       | 137796           | 13.6             | 690       | 23698            | 0.0              | 820       | 2717             | 0.0              | 950       | 3450             | 0.0              |
| 435       | 68228            | 18.2             | 565       | 146577           | 10.3             | 695       | 20309            | 0.0              | 825       | 2236             | 0.0              | 955       | 5051             | 0.0              |
| 440       | 99323            | 33.2             | 570       | 154581           | 7.6              | 700       | 17890            | 0.0              | 830       | 2628             | 0.0              | 960       | 3176             | 0.0              |
| 445       | 115584           | 45.6             | 575       | 162633           | 5.4              | 705       | 15500            | 0.0              | 835       | 3140             | 0.0              | 965       | 5178             | 0.0              |
| 450       | 94997            | 43.8             | 580       | 168101           | 3.8              | 710       | 13699            | 0.0              | 840       | 3675             | 0.0              | 970       | 6385             | 0.0              |
| 455       | 61433            | 32.2             | 585       | 173145           | 2.6              | 715       | 12398            | 0.0              | 845       | 3283             | 0.0              | 975       | 3810             | 0.0              |
| 460       | 43373            | 25.6             | 590       | 174675           | 1.7              | 720       | 11147            | 0.0              | 850       | 3055             | 0.0              | 980       | 4322             | 0.0              |
| 465       | 32472            | 21.2             | 595       | 173724           | 1.1              | 725       | 9761             | 0.0              | 855       | 2932             | 0.0              | 985       | 4200             | 0.0              |
| 470       | 24257            | 17.4             | 600       | 171241           | 0.7              | 730       | 8651             | 0.0              | 860       | 3382             | 0.0              | 990       | 4661             | 0.0              |
| 475       | 21690            | 16.6             | 605       | 165134           | 0.5              | 735       | 7730             | 0.0              | 865       | 2605             | 0.0              | 995       | 6746             | 0.0              |
| 480       | 23173            | 18.6             | 610       | 156652           | 0.3              | 740       | 6847             | 0.0              | 870       | 3325             | 0.0              | 1000      | 4150             | 0.0              |
| 485       | 27564            | 22.7             | 615       | 147879           | 0.2              | 745       | 6124             | 0.0              | 875       | 3325             | 0.0              |           |                  |                  |

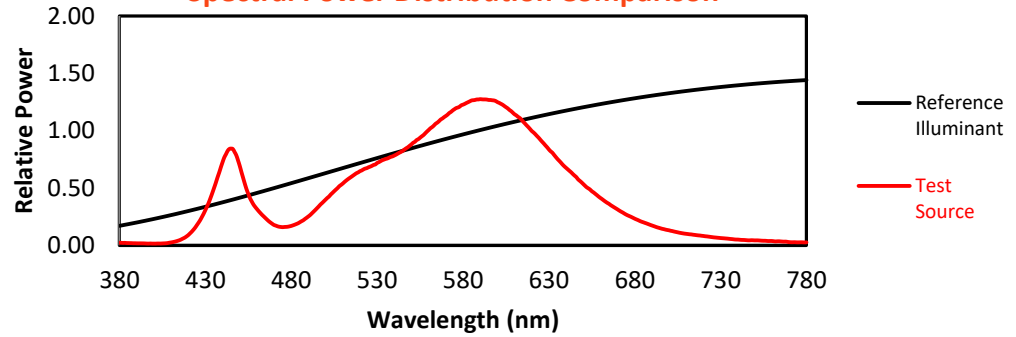
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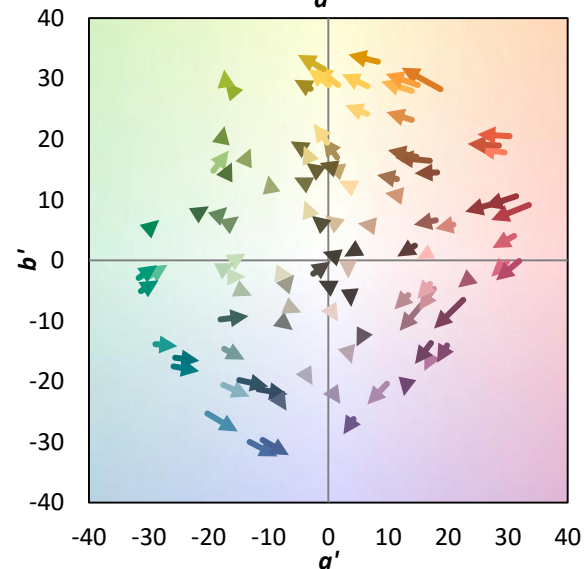
### Summary

$R_f = 76.9$   
 $R_g = 94.4$   
 CIE  $R_a = 73.1$   
 $R_g = -34.6$

### Spectral Power Distribution Comparison

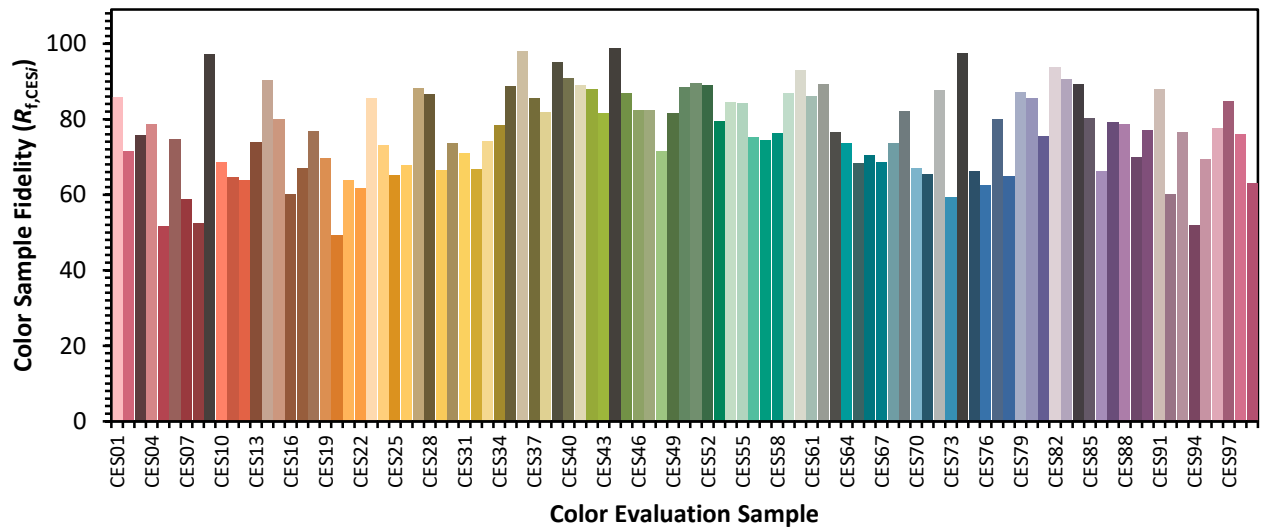


### Color Vector Graphics



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

|            |            |            |            |
|------------|------------|------------|------------|
| CES01 = 86 | CES26 = 68 | CES51 = 90 | CES76 = 63 |
| CES02 = 62 | CES27 = 88 | CES52 = 89 | CES77 = 80 |
| CES03 = 31 | CES28 = 87 | CES53 = 80 | CES78 = 65 |
| CES04 = 70 | CES29 = 67 | CES54 = 84 | CES79 = 87 |
| CES05 = 48 | CES30 = 74 | CES55 = 84 | CES80 = 86 |
| CES06 = 51 | CES31 = 71 | CES56 = 75 | CES81 = 75 |
| CES07 = 40 | CES32 = 67 | CES57 = 74 | CES82 = 94 |
| CES08 = 39 | CES33 = 74 | CES58 = 76 | CES83 = 91 |
| CES09 = 29 | CES34 = 78 | CES59 = 87 | CES84 = 89 |
| CES10 = 75 | CES35 = 89 | CES60 = 93 | CES85 = 80 |
| CES11 = 58 | CES36 = 98 | CES61 = 86 | CES86 = 66 |
| CES12 = 64 | CES37 = 86 | CES62 = 89 | CES87 = 79 |
| CES13 = 43 | CES38 = 82 | CES63 = 77 | CES88 = 79 |
| CES14 = 74 | CES39 = 95 | CES64 = 74 | CES89 = 70 |
| CES15 = 71 | CES40 = 91 | CES65 = 68 | CES90 = 77 |
| CES16 = 47 | CES41 = 89 | CES66 = 71 | CES91 = 88 |
| CES17 = 50 | CES42 = 88 | CES67 = 69 | CES92 = 60 |
| CES18 = 56 | CES43 = 82 | CES68 = 74 | CES93 = 77 |
| CES19 = 72 | CES44 = 99 | CES69 = 82 | CES94 = 52 |
| CES20 = 65 | CES45 = 87 | CES70 = 67 | CES95 = 69 |
| CES21 = 86 | CES46 = 82 | CES71 = 66 | CES96 = 78 |
| CES22 = 79 | CES47 = 82 | CES72 = 88 | CES97 = 85 |
| CES23 = 92 | CES48 = 72 | CES73 = 59 | CES98 = 76 |
| CES24 = 91 | CES49 = 82 | CES74 = 97 | CES99 = 63 |
| CES25 = 72 | CES50 = 88 | CES75 = 66 |            |



Color Rendition by Hue-Angle Bin



**Measure Comparisons**



(END OF REPORT)