

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: P383565

Luminaire Tested: **GLEON-SA8C-735-U-SLR**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P383565  
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-SA8C-735-U-SLR  
Description: GALLEON AREA AND ROADWAY LUMINAIRE  
(8) 70 CRI, 3500K, 1050mA LIGHTSQUARES WITH 16 LEDS EACH AND SPILL LIGHT  
ELIMINATOR RIGHT OPTICS  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 46406.9 lumens  
Efficiency: N/A  
Efficacy: 104.3 lumens/watt  
Luminous Opening: Rectangular (W 2' x L: 1' x H: 0')  
IES Classification: Type IV - Medium  
BUG Rating: B3 - U0 - G5

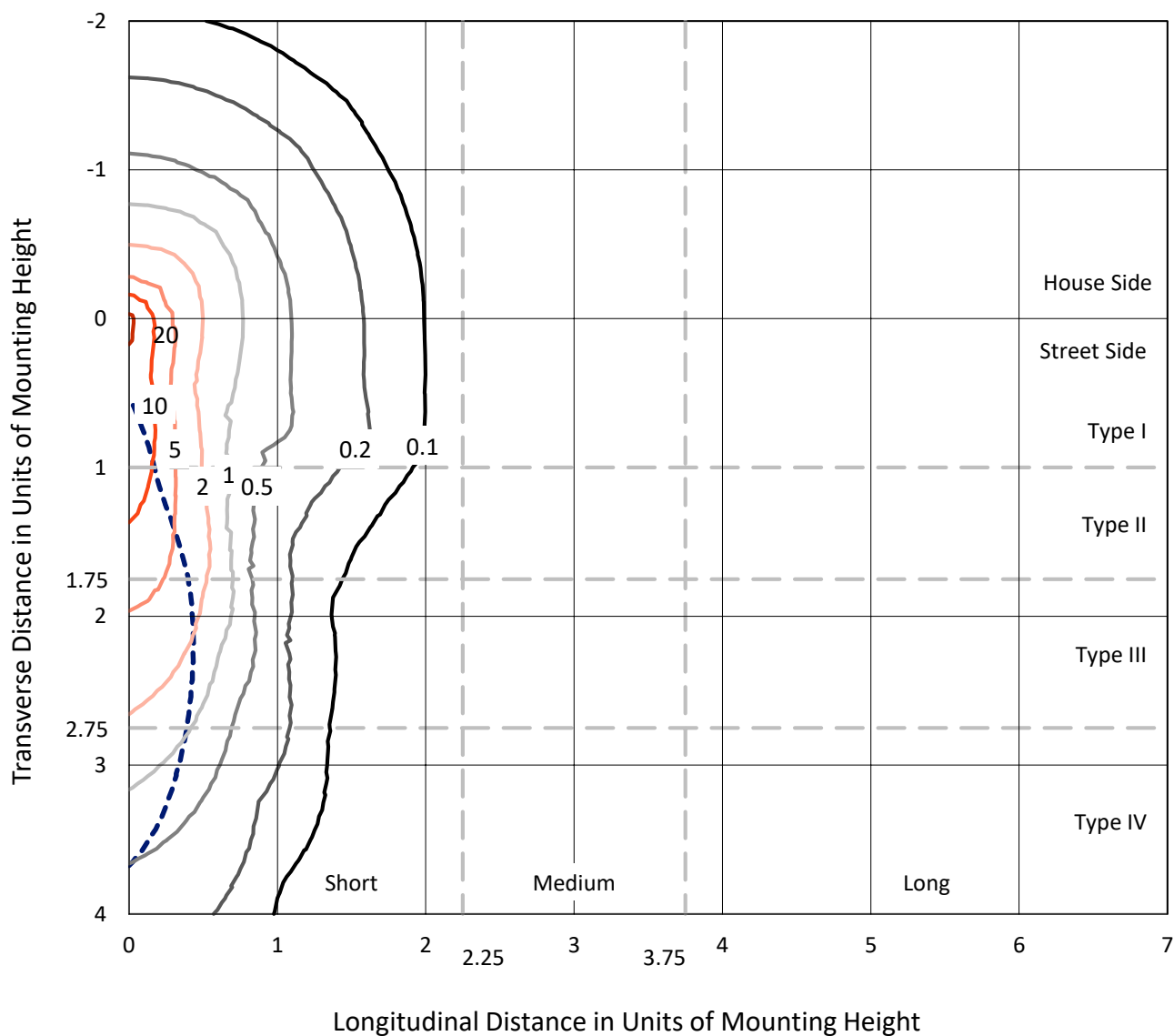
Input Watts (W): 445  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT



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## Iso-Footcandle Lines of Horizontal Illumination

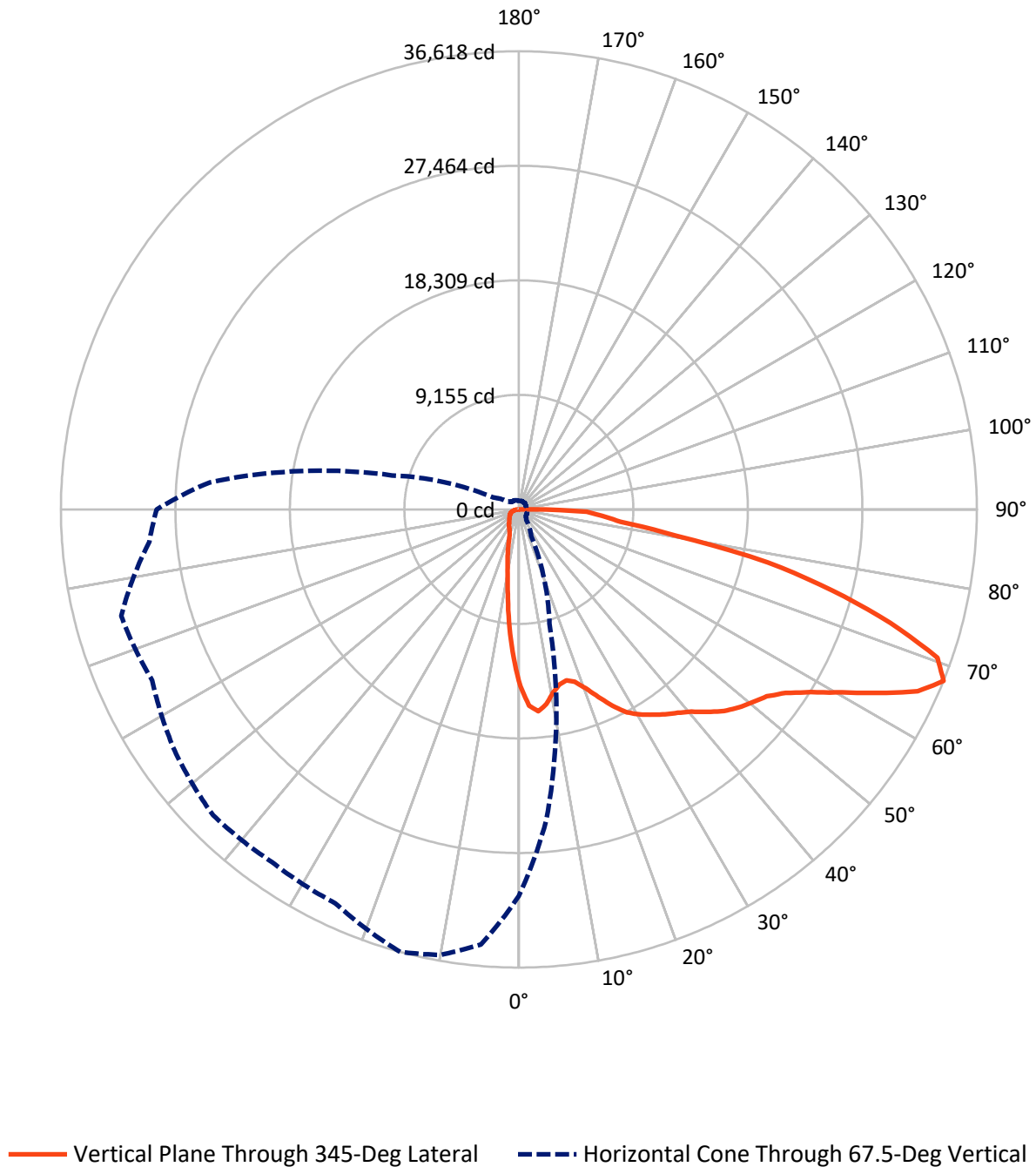
× Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 22.6 fc  
 Type IV - 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    | 8022.8   | 0.0    | 8022.8  |
|                    | % Fixture | 17.3     | 0.0    | 17.3    |
| <b>Street Side</b> | Lumens    | 38384.1  | 0.0    | 38384.1 |
|                    | % Fixture | 82.7     | 0.0    | 82.7    |
| <b>Total</b>       | Lumens    | 46406.9  | 0.0    | 46406.9 |
|                    | % Fixture | 100.0    | 0.0    | 100.0   |

**ZONAL LUMENS:**

| Zone      | Lumens  | % Fixture |
|-----------|---------|-----------|
| 0°-10°    | 1091.1  | 2.4       |
| 10°-20°   | 2266.7  | 4.9       |
| 20°-30°   | 3223.8  | 6.9       |
| 30°-40°   | 4645.5  | 10.0      |
| 40°-50°   | 6546.8  | 14.1      |
| 50°-60°   | 9101.2  | 19.6      |
| 60°-70°   | 11006.1 | 23.7      |
| 70°-80°   | 6765.2  | 14.6      |
| 80°-90°   | 1760.4  | 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°    | 46406.9 | 100.0     |
| 0°-180°   | 46406.9 | 100.0     |

**Coefficient of Utilization**



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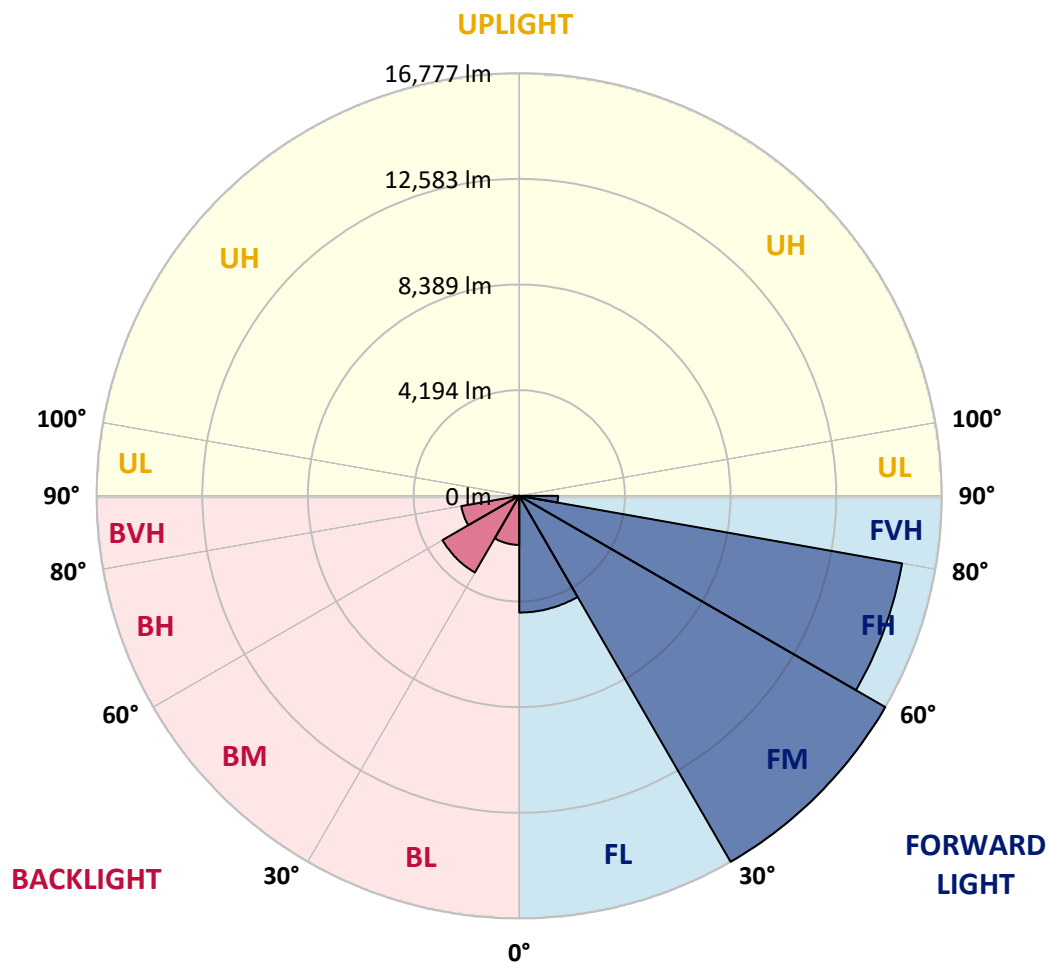
CATALOG NUMBER: GLEON-SA8C-735-U-SLR

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

| Zone |             | Lumens  | % Fixture | Zone Rating/Lumen Limit |      |         |
|------|-------------|---------|-----------|-------------------------|------|---------|
|      |             |         |           | B                       | U    | G       |
| FL   | (0°-30°)    | 4633.8  | 10.0      |                         |      |         |
| FM   | (30°-60°)   | 16777.3 | 36.2      |                         |      |         |
| FH   | (60°-80°)   | 15433.3 | 33.3      |                         |      | G5      |
| FVH  | (80°-90°)   | 1539.7  | 3.3       |                         |      | G5      |
| BL   | (0°-30°)    | 1947.9  | 4.2       | B3/2500                 |      |         |
| BM   | (30°-60°)   | 3516.3  | 7.6       | B3/5000                 |      |         |
| BH   | (60°-80°)   | 2338.0  | 5.0       | B3/2500                 |      | G3/2500 |
| BVH  | (80°-90°)   | 220.7   | 0.5       |                         |      | G2/225  |
| UL   | (90°-100°)  | 0.0     | 0.0       |                         | U0/0 |         |
| UH   | (100°-180°) | 0.0     | 0.0       |                         | U0/0 |         |

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

Type IV Medium



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**CANDELA DISTRIBUTION (FULL):**

|        | 0°      | 5°      | 10°     | 15°     | 20°     | 25°     | 30°     | 35°     | 40°     | 45°     | 50°     |
|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0°     | 14138.2 | 14138.2 | 14138.2 | 14138.2 | 14138.2 | 14138.2 | 14138.2 | 14138.2 | 14138.2 | 14138.2 | 14138.2 |
| 2.5°   | 15145.7 | 15012.1 | 14809.8 | 14607.6 | 14457.3 | 14305.2 | 14132.6 | 13960.1 | 13763.4 | 13564.8 | 13448.0 |
| 5°     | 14895.2 | 14524.1 | 14041.7 | 13559.3 | 13240.2 | 12921.0 | 12559.2 | 12197.4 | 11839.3 | 11481.2 | 11288.3 |
| 7.5°   | 13767.1 | 13210.5 | 12583.3 | 11956.2 | 11492.4 | 11026.6 | 10525.7 | 10022.9 | 9577.6  | 9130.5  | 8854.0  |
| 10°    | 12657.6 | 11989.7 | 11269.8 | 10548.0 | 9954.2  | 9360.6  | 8857.7  | 8353.0  | 8017.2  | 7681.4  | 7427.2  |
| 12.5°  | 11861.6 | 11121.3 | 10329.0 | 9534.9  | 8941.2  | 8347.5  | 8028.4  | 7709.2  | 7430.9  | 7152.6  | 6859.5  |
| 15°    | 11546.2 | 10709.4 | 9898.6  | 9085.9  | 8546.0  | 8006.1  | 7651.7  | 7295.4  | 6922.5  | 6547.8  | 6187.8  |
| 17.5°  | 11824.5 | 10844.8 | 9963.6  | 9082.2  | 8375.3  | 7668.4  | 7173.0  | 6675.7  | 6184.1  | 5692.4  | 5274.9  |
| 20°    | 12692.8 | 11442.3 | 10290.1 | 9136.1  | 8195.3  | 7254.6  | 6590.4  | 5924.3  | 5293.4  | 4662.7  | 4189.5  |
| 22.5°  | 13911.8 | 12256.8 | 10752.1 | 9247.4  | 8032.1  | 6814.9  | 5981.8  | 5146.9  | 4401.0  | 3655.1  | 3191.3  |
| 25°    | 15392.4 | 13336.7 | 11418.2 | 9497.8  | 7965.3  | 6430.8  | 5406.6  | 4382.5  | 3595.8  | 2807.2  | 2477.0  |
| 27.5°  | 16952.9 | 14624.3 | 12245.7 | 9865.2  | 7976.4  | 6087.6  | 4922.4  | 3755.3  | 3046.5  | 2337.8  | 2111.4  |
| 30°    | 18253.5 | 16095.7 | 13210.5 | 10323.5 | 8019.0  | 5714.7  | 4465.9  | 3217.3  | 2632.8  | 2048.4  | 1901.8  |
| 32.5°  | 19442.8 | 17121.7 | 13937.8 | 10752.1 | 8067.3  | 5380.7  | 4113.4  | 2844.3  | 2367.5  | 1888.8  | 1768.2  |
| 35°    | 20671.0 | 18032.7 | 14446.2 | 10857.8 | 7983.8  | 5108.0  | 3872.3  | 2636.6  | 2196.8  | 1755.2  | 1653.1  |
| 37.5°  | 22023.6 | 19017.9 | 14936.0 | 10852.3 | 7842.8  | 4833.3  | 3684.8  | 2534.5  | 2085.5  | 1634.6  | 1560.4  |
| 40°    | 23532.1 | 20107.0 | 15466.7 | 10826.3 | 7714.8  | 4601.4  | 3545.7  | 2488.1  | 2024.3  | 1558.6  | 1495.4  |
| 42.5°  | 25007.1 | 21146.0 | 15960.2 | 10774.4 | 7610.8  | 4445.5  | 3408.3  | 2371.2  | 1968.5  | 1564.1  | 1475.0  |
| 45°    | 26114.8 | 22053.4 | 16388.8 | 10722.4 | 7533.0  | 4343.5  | 3300.8  | 2258.1  | 1916.7  | 1575.2  | 1462.1  |
| 47.5°  | 26955.4 | 22964.3 | 16863.8 | 10761.3 | 7525.5  | 4289.7  | 3224.7  | 2159.7  | 1818.3  | 1475.0  | 1428.6  |
| 50°    | 28024.0 | 24059.1 | 17555.9 | 11052.6 | 7627.6  | 4202.5  | 3135.6  | 2066.9  | 1723.6  | 1380.5  | 1443.5  |
| 52.5°  | 29354.4 | 25621.3 | 18628.3 | 11633.4 | 7840.9  | 4048.5  | 2994.6  | 1940.8  | 1608.6  | 1274.6  | 1373.0  |
| 55°    | 31308.1 | 27623.3 | 19999.4 | 12373.7 | 8098.9  | 3822.1  | 2781.2  | 1738.5  | 1456.5  | 1172.6  | 1259.8  |
| 57.5°  | 33061.5 | 29645.7 | 21314.9 | 12982.2 | 8260.2  | 3536.4  | 2512.2  | 1488.1  | 1285.8  | 1083.6  | 1133.7  |
| 60°    | 33842.6 | 30688.4 | 21930.9 | 13171.5 | 8163.8  | 3156.1  | 2209.8  | 1261.7  | 1135.5  | 1009.3  | 1000.1  |
| 62.5°  | 33538.3 | 30026.0 | 21324.1 | 12622.3 | 7692.5  | 2762.7  | 1942.6  | 1122.5  | 1027.9  | 931.5   | 911.0   |
| 65°    | 32647.7 | 27944.3 | 19624.6 | 11305.0 | 6896.5  | 2488.1  | 1773.8  | 1059.4  | 953.7   | 847.9   | 825.6   |
| 67.5°  | 30892.4 | 24981.1 | 17216.3 | 9451.4  | 5885.3  | 2319.3  | 1677.3  | 1035.3  | 907.3   | 777.4   | 751.5   |
| 70°    | 27742.0 | 21415.1 | 14442.4 | 7468.0  | 4842.7  | 2215.3  | 1614.2  | 1013.1  | 857.2   | 699.5   | 675.4   |
| 72.5°  | 22786.2 | 17169.9 | 11533.2 | 5894.6  | 4048.5  | 2202.4  | 1606.8  | 1011.2  | 816.4   | 621.5   | 599.3   |
| 75°    | 16314.6 | 13041.7 | 8803.9  | 4564.3  | 3315.6  | 2066.9  | 1525.1  | 983.3   | 760.7   | 536.2   | 515.8   |
| 77.5°  | 10978.5 | 9026.5  | 6119.1  | 3209.8  | 2460.3  | 1710.7  | 1282.1  | 853.5   | 651.2   | 449.0   | 428.6   |
| 80°    | 7050.5  | 6247.1  | 4100.5  | 1953.7  | 1595.6  | 1237.6  | 916.5   | 595.6   | 475.0   | 352.5   | 335.8   |
| 82.5°  | 5172.9  | 4649.6  | 2849.9  | 1050.1  | 886.9   | 721.8   | 560.3   | 398.9   | 324.7   | 250.5   | 243.0   |
| 85°    | 3287.8  | 3625.5  | 2098.5  | 571.5   | 467.5   | 363.7   | 300.6   | 237.5   | 187.4   | 137.3   | 137.3   |
| 87.5°  | 638.3   | 883.2   | 580.7   | 276.5   | 202.2   | 128.0   | 109.5   | 89.1    | 50.1    | 9.3     | 11.2    |
| 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     |



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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°     | 14138.2 | 14138.2 | 14138.2 | 14138.2 | 14138.2 | 14138.2 | 14138.2 | 14138.2 | 14138.2 | 14138.2 | 14138.2 |
| 2.5°   | 13329.2 | 13201.2 | 13073.2 | 12928.5 | 12781.9 | 12646.4 | 12509.1 | 12358.8 | 12386.7 | 12271.6 | 12156.6 |
| 5°     | 11095.3 | 10891.2 | 10685.3 | 10507.1 | 10329.0 | 10175.0 | 10019.2 | 9880.0  | 10000.6 | 9919.0  | 9837.3  |
| 7.5°   | 8575.6  | 8323.4  | 8069.2  | 7855.7  | 7642.4  | 7477.3  | 7310.3  | 7195.3  | 7314.0  | 7299.1  | 7284.3  |
| 10°    | 7173.0  | 6928.1  | 6681.3  | 6445.7  | 6210.1  | 6009.7  | 5807.5  | 5636.7  | 5607.1  | 5521.7  | 5434.5  |
| 12.5°  | 6564.4  | 6228.6  | 5890.9  | 5644.2  | 5397.4  | 5158.1  | 4918.7  | 4718.3  | 4627.4  | 4486.3  | 4343.5  |
| 15°    | 5827.9  | 5430.7  | 5033.7  | 4753.5  | 4471.5  | 4239.6  | 4005.8  | 3833.2  | 3775.7  | 3666.3  | 3556.8  |
| 17.5°  | 4857.5  | 4423.3  | 3989.2  | 3705.2  | 3419.5  | 3234.0  | 3046.5  | 2931.6  | 2931.6  | 2900.0  | 2868.4  |
| 20°    | 3716.4  | 3328.6  | 2940.8  | 2723.8  | 2506.6  | 2408.3  | 2308.1  | 2259.8  | 2274.7  | 2276.6  | 2276.6  |
| 22.5°  | 2725.6  | 2488.1  | 2250.6  | 2163.4  | 2074.4  | 2039.1  | 2003.9  | 1983.5  | 1990.8  | 1992.7  | 1994.5  |
| 25°    | 2146.7  | 2055.8  | 1963.1  | 1918.5  | 1872.1  | 1849.9  | 1827.6  | 1820.2  | 1836.8  | 1838.7  | 1838.7  |
| 27.5°  | 1885.1  | 1829.5  | 1771.9  | 1744.0  | 1714.4  | 1705.1  | 1695.9  | 1682.8  | 1699.5  | 1699.5  | 1697.7  |
| 30°    | 1753.4  | 1694.0  | 1634.6  | 1599.4  | 1564.1  | 1567.8  | 1569.7  | 1565.9  | 1577.1  | 1584.5  | 1590.1  |
| 32.5°  | 1645.8  | 1588.2  | 1530.7  | 1495.4  | 1458.3  | 1452.7  | 1447.3  | 1443.5  | 1467.7  | 1480.6  | 1493.6  |
| 35°    | 1549.3  | 1486.2  | 1423.1  | 1389.7  | 1356.3  | 1343.3  | 1330.3  | 1321.0  | 1343.3  | 1360.0  | 1376.7  |
| 37.5°  | 1484.3  | 1419.4  | 1352.6  | 1321.0  | 1287.7  | 1270.9  | 1254.2  | 1243.2  | 1252.4  | 1259.8  | 1267.3  |
| 40°    | 1432.3  | 1365.6  | 1296.9  | 1259.8  | 1222.7  | 1206.0  | 1189.3  | 1180.0  | 1185.6  | 1187.4  | 1189.3  |
| 42.5°  | 1384.1  | 1319.2  | 1254.2  | 1213.4  | 1170.8  | 1150.4  | 1130.0  | 1118.8  | 1122.5  | 1126.2  | 1128.1  |
| 45°    | 1348.9  | 1284.0  | 1217.2  | 1168.9  | 1118.8  | 1096.5  | 1074.3  | 1061.3  | 1063.2  | 1063.2  | 1063.2  |
| 47.5°  | 1382.2  | 1287.7  | 1191.2  | 1135.5  | 1078.0  | 1052.0  | 1026.0  | 1013.1  | 1009.3  | 1005.6  | 1001.9  |
| 50°    | 1504.7  | 1343.3  | 1180.0  | 1109.6  | 1037.2  | 1009.3  | 979.6   | 964.8   | 955.5   | 951.9   | 948.1   |
| 52.5°  | 1469.5  | 1330.3  | 1189.3  | 1098.4  | 1005.6  | 972.3   | 938.8   | 914.7   | 905.5   | 899.9   | 894.3   |
| 55°    | 1345.2  | 1258.0  | 1168.9  | 1059.4  | 950.0   | 920.3   | 888.7   | 872.0   | 855.3   | 851.6   | 847.9   |
| 57.5°  | 1181.9  | 1146.6  | 1111.4  | 1000.1  | 888.7   | 860.9   | 831.2   | 820.1   | 805.2   | 805.2   | 803.4   |
| 60°    | 988.9   | 1040.9  | 1092.8  | 964.8   | 834.9   | 803.4   | 771.9   | 762.6   | 757.0   | 755.1   | 753.2   |
| 62.5°  | 888.7   | 974.1   | 1057.6  | 922.1   | 784.8   | 751.5   | 718.0   | 707.0   | 705.1   | 707.0   | 707.0   |
| 65°    | 803.4   | 829.4   | 855.3   | 792.3   | 729.2   | 695.8   | 660.6   | 649.4   | 653.1   | 658.7   | 664.2   |
| 67.5°  | 725.5   | 719.9   | 714.3   | 692.0   | 667.9   | 640.2   | 610.4   | 599.3   | 601.1   | 608.6   | 616.0   |
| 70°    | 651.2   | 643.8   | 634.6   | 617.9   | 601.1   | 577.0   | 552.9   | 545.5   | 543.7   | 552.9   | 560.3   |
| 72.5°  | 577.0   | 567.8   | 556.6   | 543.7   | 528.7   | 508.3   | 487.9   | 482.4   | 484.2   | 489.8   | 495.4   |
| 75°    | 495.4   | 487.9   | 478.7   | 467.5   | 454.6   | 436.1   | 417.4   | 413.8   | 417.4   | 423.0   | 428.6   |
| 77.5°  | 406.3   | 404.5   | 400.8   | 391.5   | 382.2   | 361.8   | 339.5   | 337.7   | 343.3   | 348.8   | 352.5   |
| 80°    | 317.3   | 319.1   | 321.0   | 313.6   | 306.1   | 283.8   | 259.7   | 257.9   | 263.4   | 269.0   | 274.6   |
| 82.5°  | 233.8   | 239.3   | 243.0   | 233.8   | 224.5   | 198.5   | 172.5   | 168.8   | 187.4   | 192.9   | 198.5   |
| 85°    | 135.4   | 142.9   | 150.3   | 142.9   | 135.4   | 109.5   | 83.5    | 81.6    | 98.4    | 107.6   | 116.9   |
| 87.5°  | 11.2    | 14.8    | 18.5    | 16.7    | 14.8    | 7.5     | 0.0     | 0.0     | 1.9     | 9.3     | 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: P383565  
 CATALOG NUMBER: GLEON-SA8C-735-U-SLR

**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: P383565

CATALOG NUMBER: GLEON-SA8C-735-U-SLR

**CANDELA DISTRIBUTION (continued):**

|        | 110°    | 115°    | 120°    | 125°    | 130°    | 135°    | 140°    | 145°    | 150°    | 155°    | 160°    |
|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0°     | 14138.2 | 14138.2 | 14138.2 | 14138.2 | 14138.2 | 14138.2 | 14138.2 | 14138.2 | 14138.2 | 14138.2 | 14138.2 |
| 2.5°   | 12084.2 | 12011.9 | 11989.7 | 11967.4 | 11885.7 | 11802.2 | 11887.6 | 11971.0 | 12006.3 | 12041.6 | 11950.6 |
| 5°     | 9826.2  | 9813.2  | 9813.2  | 9811.3  | 9737.2  | 9661.1  | 9718.6  | 9774.3  | 9650.0  | 9525.6  | 9512.7  |
| 7.5°   | 7364.1  | 7443.9  | 7508.8  | 7571.9  | 7547.8  | 7523.6  | 7577.5  | 7631.2  | 7473.5  | 7314.0  | 7236.1  |
| 10°    | 5453.0  | 5469.8  | 5540.2  | 5610.7  | 5627.5  | 5642.3  | 5709.1  | 5774.0  | 5651.6  | 5529.1  | 5475.3  |
| 12.5°  | 4254.5  | 4165.4  | 4174.6  | 4182.1  | 4215.4  | 4247.0  | 4317.5  | 4386.2  | 4336.1  | 4284.1  | 4289.7  |
| 15°    | 3445.5  | 3332.3  | 3285.9  | 3237.7  | 3274.8  | 3311.9  | 3362.0  | 3410.2  | 3412.1  | 3412.1  | 3460.3  |
| 17.5°  | 2812.8  | 2755.2  | 2708.8  | 2660.7  | 2710.7  | 2759.0  | 2764.6  | 2770.1  | 2772.0  | 2773.9  | 2770.1  |
| 20°    | 2304.4  | 2332.2  | 2317.4  | 2302.6  | 2321.1  | 2337.8  | 2352.6  | 2365.7  | 2348.9  | 2330.4  | 2284.0  |
| 22.5°  | 2020.5  | 2044.7  | 2063.2  | 2079.9  | 2111.4  | 2141.2  | 2126.3  | 2109.6  | 2076.2  | 2040.9  | 2005.7  |
| 25°    | 1855.4  | 1872.1  | 1890.7  | 1909.2  | 1935.2  | 1959.3  | 1933.3  | 1907.3  | 1883.2  | 1859.1  | 1835.0  |
| 27.5°  | 1716.3  | 1733.0  | 1749.6  | 1764.4  | 1788.6  | 1810.8  | 1786.8  | 1762.7  | 1742.2  | 1721.8  | 1703.2  |
| 30°    | 1603.1  | 1614.2  | 1627.2  | 1640.2  | 1662.4  | 1682.8  | 1662.4  | 1640.2  | 1625.4  | 1608.6  | 1595.6  |
| 32.5°  | 1506.6  | 1517.7  | 1523.3  | 1528.9  | 1549.3  | 1569.7  | 1554.8  | 1539.9  | 1527.0  | 1514.0  | 1504.7  |
| 35°    | 1400.9  | 1423.1  | 1426.9  | 1430.5  | 1450.9  | 1471.4  | 1462.1  | 1450.9  | 1436.1  | 1421.3  | 1404.6  |
| 37.5°  | 1293.2  | 1319.2  | 1334.1  | 1347.0  | 1367.4  | 1387.8  | 1378.6  | 1369.3  | 1348.9  | 1328.5  | 1298.8  |
| 40°    | 1202.3  | 1213.4  | 1241.3  | 1267.3  | 1300.6  | 1332.2  | 1313.7  | 1293.2  | 1261.7  | 1230.1  | 1215.3  |
| 42.5°  | 1126.2  | 1124.4  | 1150.4  | 1176.4  | 1226.4  | 1274.6  | 1241.3  | 1207.8  | 1178.2  | 1148.5  | 1144.8  |
| 45°    | 1059.4  | 1053.9  | 1066.9  | 1079.8  | 1133.7  | 1185.6  | 1152.2  | 1116.9  | 1100.3  | 1083.6  | 1083.6  |
| 47.5°  | 1000.1  | 996.4   | 1005.6  | 1013.1  | 1046.4  | 1078.0  | 1061.3  | 1044.6  | 1035.3  | 1026.0  | 1027.9  |
| 50°    | 946.3   | 942.5   | 951.9   | 959.2   | 972.3   | 983.3   | 987.1   | 988.9   | 983.3   | 977.8   | 981.5   |
| 52.5°  | 896.1   | 896.1   | 899.9   | 901.7   | 918.4   | 935.1   | 935.1   | 933.2   | 933.2   | 933.2   | 937.0   |
| 55°    | 853.5   | 857.2   | 857.2   | 857.2   | 883.2   | 907.3   | 899.9   | 892.4   | 894.3   | 894.3   | 898.0   |
| 57.5°  | 810.8   | 816.4   | 820.1   | 823.8   | 849.8   | 875.7   | 868.3   | 860.9   | 860.9   | 860.9   | 862.8   |
| 60°    | 762.6   | 770.0   | 777.4   | 784.8   | 810.8   | 836.8   | 829.4   | 820.1   | 821.9   | 823.8   | 825.6   |
| 62.5°  | 716.2   | 723.6   | 731.0   | 738.4   | 764.4   | 790.4   | 783.0   | 773.7   | 779.2   | 783.0   | 783.0   |
| 65°    | 671.6   | 677.2   | 684.7   | 692.0   | 716.2   | 740.3   | 732.8   | 725.5   | 732.8   | 738.4   | 742.2   |
| 67.5°  | 621.5   | 625.3   | 632.7   | 640.2   | 664.2   | 688.3   | 681.0   | 671.6   | 681.0   | 688.3   | 695.8   |
| 70°    | 564.1   | 567.8   | 577.0   | 584.5   | 608.6   | 632.7   | 623.4   | 614.2   | 623.4   | 632.7   | 640.2   |
| 72.5°  | 501.0   | 504.7   | 513.9   | 521.4   | 549.2   | 577.0   | 565.9   | 554.7   | 565.9   | 577.0   | 580.7   |
| 75°    | 432.3   | 436.1   | 447.1   | 456.5   | 484.2   | 512.1   | 502.8   | 491.7   | 501.0   | 510.2   | 512.1   |
| 77.5°  | 358.1   | 363.7   | 378.5   | 393.3   | 415.7   | 437.9   | 432.3   | 426.7   | 432.3   | 437.9   | 437.9   |
| 80°    | 280.2   | 285.7   | 304.2   | 321.0   | 334.0   | 347.0   | 348.8   | 350.6   | 352.5   | 354.4   | 352.5   |
| 82.5°  | 207.8   | 215.2   | 232.0   | 248.6   | 248.6   | 248.6   | 263.4   | 276.5   | 276.5   | 274.6   | 272.8   |
| 85°    | 128.0   | 137.3   | 152.1   | 167.0   | 157.7   | 148.4   | 172.5   | 194.8   | 194.8   | 192.9   | 189.3   |
| 87.5°  | 26.0    | 35.2    | 50.1    | 63.1    | 53.8    | 44.5    | 68.7    | 92.8    | 94.6    | 94.6    | 90.9    |
| 90°    | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 92.5°  | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 95°    | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 97.5°  | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 100°   | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 102.5° | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 105°   | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 107.5° | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 110°   | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |



REPORT NUMBER: P383565  
 CATALOG NUMBER: GLEON-SA8C-735-U-SLR

**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: P383565

CATALOG NUMBER: GLEON-SA8C-735-U-SLR

**CANDELA DISTRIBUTION (continued):**

|        | 165°    | 170°    | 175°    | 180°    | 185°    | 190°    | 195°    | 200°    | 205°    | 210°    | 215°    |
|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0°     | 14138.2 | 14138.2 | 14138.2 | 14138.2 | 14138.2 | 14138.2 | 14138.2 | 14138.2 | 14138.2 | 14138.2 | 14138.2 |
| 2.5°   | 11857.9 | 12002.6 | 12145.5 | 12182.6 | 12238.2 | 12262.3 | 12284.6 | 12466.4 | 12646.4 | 12858.0 | 13069.4 |
| 5°     | 9497.8  | 9605.5  | 9713.1  | 9729.7  | 9787.3  | 9816.9  | 9846.6  | 10067.4 | 10286.3 | 10581.4 | 10876.4 |
| 7.5°   | 7158.2  | 7184.1  | 7210.1  | 7206.4  | 7254.6  | 7319.5  | 7382.7  | 7618.3  | 7852.1  | 8169.4  | 8484.7  |
| 10°    | 5421.5  | 5480.9  | 5538.4  | 5592.2  | 5697.9  | 5820.4  | 5941.0  | 6182.2  | 6423.4  | 6737.0  | 7048.6  |
| 12.5°  | 4295.3  | 4363.9  | 4430.7  | 4490.1  | 4612.6  | 4775.9  | 4937.2  | 5226.6  | 5516.2  | 5890.9  | 6263.8  |
| 15°    | 3506.7  | 3501.1  | 3495.5  | 3536.4  | 3644.0  | 3822.1  | 3998.4  | 4304.5  | 4610.7  | 5022.6  | 5432.6  |
| 17.5°  | 2766.4  | 2738.6  | 2710.7  | 2742.3  | 2842.5  | 2989.1  | 3133.8  | 3393.5  | 3651.5  | 4050.4  | 4449.3  |
| 20°    | 2237.6  | 2219.0  | 2200.5  | 2230.2  | 2293.3  | 2354.5  | 2415.8  | 2603.1  | 2788.7  | 3113.3  | 3436.2  |
| 22.5°  | 1968.5  | 1966.7  | 1963.1  | 1979.7  | 2009.4  | 2040.9  | 2070.6  | 2161.6  | 2250.6  | 2460.3  | 2668.0  |
| 25°    | 1810.8  | 1809.1  | 1807.2  | 1814.6  | 1838.7  | 1862.8  | 1886.9  | 1946.3  | 2005.7  | 2105.9  | 2206.1  |
| 27.5°  | 1684.7  | 1681.0  | 1677.3  | 1679.1  | 1684.7  | 1721.8  | 1757.1  | 1784.9  | 1810.8  | 1879.5  | 1946.3  |
| 30°    | 1582.7  | 1580.8  | 1579.0  | 1579.0  | 1573.4  | 1586.3  | 1599.4  | 1642.0  | 1682.8  | 1753.4  | 1823.9  |
| 32.5°  | 1495.4  | 1486.2  | 1476.9  | 1456.5  | 1443.5  | 1462.1  | 1480.6  | 1525.1  | 1569.7  | 1634.6  | 1699.5  |
| 35°    | 1386.0  | 1361.8  | 1335.9  | 1324.8  | 1326.6  | 1345.2  | 1363.7  | 1408.2  | 1450.9  | 1521.4  | 1590.1  |
| 37.5°  | 1267.3  | 1259.8  | 1250.5  | 1248.6  | 1254.2  | 1272.8  | 1291.4  | 1330.3  | 1367.4  | 1437.9  | 1506.6  |
| 40°    | 1200.5  | 1196.8  | 1193.0  | 1189.3  | 1193.0  | 1211.6  | 1230.1  | 1267.3  | 1302.5  | 1371.1  | 1437.9  |
| 42.5°  | 1141.1  | 1139.2  | 1137.3  | 1137.3  | 1139.2  | 1159.6  | 1180.0  | 1217.2  | 1252.4  | 1313.7  | 1374.9  |
| 45°    | 1083.6  | 1085.4  | 1085.4  | 1089.2  | 1094.7  | 1115.1  | 1133.7  | 1174.5  | 1215.3  | 1274.6  | 1334.1  |
| 47.5°  | 1029.7  | 1035.3  | 1039.0  | 1048.3  | 1053.9  | 1076.1  | 1096.5  | 1141.1  | 1185.6  | 1259.8  | 1332.2  |
| 50°    | 983.3   | 988.9   | 992.7   | 1000.1  | 1014.9  | 1040.9  | 1066.9  | 1120.7  | 1172.6  | 1296.9  | 1419.4  |
| 52.5°  | 940.7   | 946.3   | 951.9   | 959.2   | 977.8   | 1007.5  | 1037.2  | 1104.0  | 1168.9  | 1313.7  | 1458.3  |
| 55°    | 901.7   | 907.3   | 911.0   | 922.1   | 940.7   | 966.7   | 990.8   | 1072.4  | 1154.1  | 1259.8  | 1365.6  |
| 57.5°  | 864.7   | 870.2   | 873.9   | 881.3   | 890.6   | 918.4   | 944.4   | 1031.6  | 1118.8  | 1193.0  | 1265.4  |
| 60°    | 825.6   | 829.4   | 831.2   | 831.2   | 838.7   | 870.2   | 901.7   | 1013.1  | 1122.5  | 1109.6  | 1094.7  |
| 62.5°  | 783.0   | 786.7   | 788.6   | 783.0   | 792.3   | 825.6   | 859.1   | 1003.7  | 1148.5  | 1059.4  | 970.4   |
| 65°    | 744.0   | 742.2   | 740.3   | 734.7   | 745.9   | 779.2   | 810.8   | 883.2   | 955.5   | 920.3   | 885.1   |
| 67.5°  | 701.4   | 695.8   | 690.2   | 682.8   | 693.9   | 723.6   | 751.5   | 775.5   | 799.6   | 803.4   | 807.1   |
| 70°    | 647.5   | 640.2   | 632.7   | 630.8   | 636.4   | 660.6   | 684.7   | 701.4   | 716.2   | 723.6   | 729.2   |
| 72.5°  | 584.5   | 578.9   | 573.3   | 569.6   | 571.5   | 591.9   | 610.4   | 625.3   | 640.2   | 645.7   | 649.4   |
| 75°    | 513.9   | 513.9   | 512.1   | 501.0   | 501.0   | 517.7   | 532.5   | 545.5   | 558.5   | 565.9   | 573.3   |
| 77.5°  | 437.9   | 439.7   | 439.7   | 424.9   | 423.0   | 439.7   | 454.6   | 465.7   | 475.0   | 482.4   | 487.9   |
| 80°    | 350.6   | 347.0   | 343.3   | 334.0   | 330.2   | 350.6   | 369.3   | 378.5   | 385.9   | 387.8   | 387.8   |
| 82.5°  | 269.0   | 261.6   | 252.4   | 232.0   | 233.8   | 256.1   | 276.5   | 283.8   | 291.3   | 291.3   | 291.3   |
| 85°    | 183.7   | 168.8   | 152.1   | 135.4   | 137.3   | 161.4   | 183.7   | 191.1   | 198.5   | 202.2   | 204.1   |
| 87.5°  | 87.2    | 72.4    | 55.7    | 42.7    | 42.7    | 63.1    | 81.6    | 85.3    | 89.1    | 96.5    | 103.9   |
| 90°    | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 92.5°  | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 95°    | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 97.5°  | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 100°   | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 102.5° | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 105°   | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 107.5° | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 110°   | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |



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 CATALOG NUMBER: GLEON-SA8C-735-U-SLR

**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-SA8C-735-U-SLR

**CANDELA DISTRIBUTION (continued):**

|        | 220°    | 225°    | 230°    | 235°    | 240°    | 245°    | 250°    | 255°    | 260°    | 265°    | 270°    |
|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0°     | 14138.2 | 14138.2 | 14138.2 | 14138.2 | 14138.2 | 14138.2 | 14138.2 | 14138.2 | 14138.2 | 14138.2 | 14138.2 |
| 2.5°   | 13230.9 | 13390.4 | 13555.6 | 13720.8 | 13910.0 | 14099.3 | 14320.0 | 14538.9 | 14726.4 | 14913.7 | 15069.6 |
| 5°     | 11130.6 | 11384.7 | 11683.5 | 11982.2 | 12362.6 | 12742.9 | 13208.6 | 13672.5 | 14086.2 | 14500.0 | 14980.5 |
| 7.5°   | 8816.9  | 9147.1  | 9536.8  | 9926.4  | 10418.1 | 10909.8 | 11512.8 | 12115.8 | 12700.3 | 13282.8 | 14021.3 |
| 10°    | 7395.6  | 7742.7  | 8126.6  | 8508.8  | 9009.8  | 9509.0  | 10147.3 | 10783.6 | 11440.4 | 12095.4 | 12930.3 |
| 12.5°  | 6649.8  | 7033.8  | 7371.5  | 7709.2  | 8115.5  | 8520.0  | 9137.8  | 9755.7  | 10527.6 | 11297.5 | 12101.0 |
| 15°    | 5853.8  | 6273.1  | 6677.6  | 7082.1  | 7525.5  | 7967.2  | 8568.3  | 9169.4  | 10013.6 | 10857.8 | 11781.8 |
| 17.5°  | 4890.8  | 5332.5  | 5826.0  | 6317.7  | 6896.5  | 7473.5  | 8243.5  | 9013.6  | 10013.6 | 11011.8 | 12101.0 |
| 20°    | 3887.1  | 4337.9  | 4928.0  | 5517.9  | 6237.8  | 6956.0  | 7954.1  | 8952.4  | 10299.4 | 11644.5 | 13034.2 |
| 22.5°  | 3067.0  | 3464.1  | 4107.8  | 4749.9  | 5581.1  | 6412.3  | 7692.5  | 8970.9  | 10731.7 | 12490.6 | 14366.4 |
| 25°    | 2486.2  | 2766.4  | 3399.1  | 4030.0  | 4989.2  | 5948.4  | 7533.0  | 9115.6  | 11360.7 | 13603.9 | 15930.5 |
| 27.5°  | 2130.0  | 2313.7  | 2903.7  | 3491.9  | 4540.2  | 5586.6  | 7468.0  | 9347.5  | 12158.5 | 14969.4 | 17631.9 |
| 30°    | 1951.9  | 2079.9  | 2579.0  | 3076.2  | 4141.3  | 5206.2  | 7390.1  | 9573.9  | 12926.6 | 16277.5 | 18962.2 |
| 32.5°  | 1803.5  | 1905.5  | 2332.2  | 2757.1  | 3796.1  | 4835.2  | 7239.8  | 9642.5  | 13462.8 | 17283.1 | 20088.5 |
| 35°    | 1677.3  | 1762.7  | 2133.7  | 2504.8  | 3525.3  | 4545.8  | 6987.4  | 9429.1  | 13798.6 | 18168.2 | 21261.1 |
| 37.5°  | 1575.2  | 1642.0  | 1985.3  | 2328.5  | 3291.5  | 4254.5  | 6699.9  | 9145.3  | 14097.4 | 19049.4 | 22580.2 |
| 40°    | 1495.4  | 1553.0  | 1874.0  | 2194.9  | 3068.8  | 3942.8  | 6453.1  | 8961.6  | 14509.2 | 20057.0 | 23973.7 |
| 42.5°  | 1450.9  | 1525.1  | 1777.5  | 2028.0  | 2857.3  | 3686.7  | 6254.6  | 8822.4  | 14891.4 | 20958.6 | 25192.7 |
| 45°    | 1439.8  | 1545.5  | 1727.4  | 1909.2  | 2699.6  | 3490.0  | 6078.3  | 8664.7  | 15138.2 | 21611.7 | 26111.1 |
| 47.5°  | 1421.3  | 1508.5  | 1688.4  | 1868.4  | 2621.7  | 3373.1  | 5983.7  | 8592.4  | 15385.0 | 22175.8 | 26873.7 |
| 50°    | 1432.3  | 1443.5  | 1656.9  | 1868.4  | 2610.6  | 3352.7  | 6091.3  | 8829.9  | 15919.4 | 23007.0 | 27745.7 |
| 52.5°  | 1411.9  | 1363.7  | 1597.5  | 1831.3  | 2608.7  | 3386.1  | 6401.1  | 9416.2  | 16912.1 | 24406.0 | 28690.1 |
| 55°    | 1304.4  | 1241.3  | 1486.2  | 1731.1  | 2569.8  | 3406.5  | 6770.4  | 10132.4 | 18244.2 | 26354.1 | 30387.8 |
| 57.5°  | 1209.7  | 1152.2  | 1360.0  | 1565.9  | 2451.0  | 3336.1  | 7150.7  | 10963.6 | 19652.5 | 28339.4 | 32300.8 |
| 60°    | 1083.6  | 1070.5  | 1219.0  | 1367.4  | 2267.3  | 3165.3  | 7464.3  | 11761.4 | 20598.7 | 29434.1 | 33037.3 |
| 62.5°  | 979.6   | 987.1   | 1096.5  | 1206.0  | 2037.2  | 2866.6  | 7568.2  | 12267.9 | 20572.8 | 28877.5 | 32295.2 |
| 65°    | 899.9   | 912.8   | 1020.5  | 1128.1  | 1840.6  | 2553.0  | 7226.8  | 11898.8 | 19531.9 | 27163.1 | 30827.5 |
| 67.5°  | 821.9   | 836.8   | 964.8   | 1090.9  | 1666.2  | 2239.4  | 6373.3  | 10505.3 | 17659.7 | 24812.3 | 28961.0 |
| 70°    | 747.8   | 766.3   | 905.5   | 1044.6  | 1539.9  | 2033.6  | 5273.0  | 8512.6  | 15316.4 | 22118.3 | 26799.5 |
| 72.5°  | 667.9   | 686.5   | 834.9   | 983.3   | 1460.2  | 1935.2  | 4299.0  | 6660.9  | 12429.4 | 18195.9 | 22923.5 |
| 75°    | 586.3   | 599.3   | 760.7   | 920.3   | 1350.7  | 1781.2  | 3373.1  | 4963.2  | 9512.7  | 14062.1 | 17314.7 |
| 77.5°  | 504.7   | 521.4   | 656.8   | 790.4   | 1146.6  | 1501.0  | 2541.9  | 3582.8  | 6980.0  | 10375.4 | 12041.6 |
| 80°    | 402.6   | 417.4   | 513.9   | 608.6   | 885.1   | 1159.6  | 1747.8  | 2335.9  | 4803.6  | 7271.3  | 8210.2  |
| 82.5°  | 308.0   | 324.7   | 389.7   | 452.7   | 630.8   | 809.0   | 1059.4  | 1309.9  | 3191.3  | 5070.8  | 5148.8  |
| 85°    | 211.6   | 217.1   | 263.4   | 308.0   | 389.7   | 471.3   | 606.7   | 742.2   | 2111.4  | 3480.7  | 2900.0  |
| 87.5°  | 105.7   | 105.7   | 137.3   | 168.8   | 209.7   | 250.5   | 321.0   | 389.7   | 675.4   | 961.1   | 552.9   |
| 90°    | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 92.5°  | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 95°    | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 97.5°  | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 100°   | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 102.5° | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 105°   | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 107.5° | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 110°   | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |



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**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-SA8C-735-U-SLR

**CANDELA DISTRIBUTION (continued):**

|        | 275°    | 280°    | 285°    | 290°    | 295°    | 300°    | 305°    | 310°    | 315°    | 320°    | 325°    |
|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0°     | 14138.2 | 14138.2 | 14138.2 | 14138.2 | 14138.2 | 14138.2 | 14138.2 | 14138.2 | 14138.2 | 14138.2 | 14138.2 |
| 2.5°   | 15268.2 | 15403.6 | 15540.9 | 15644.8 | 15750.5 | 15902.6 | 16054.9 | 16082.6 | 16112.3 | 16053.0 | 15993.6 |
| 5°     | 15464.8 | 15874.9 | 16286.7 | 16667.1 | 17047.4 | 17275.6 | 17503.9 | 17550.3 | 17596.7 | 17453.8 | 17309.1 |
| 7.5°   | 14735.6 | 15450.0 | 16164.3 | 16819.3 | 17474.2 | 17871.3 | 18270.2 | 18359.2 | 18450.1 | 18216.3 | 17982.6 |
| 10°    | 13761.6 | 14639.2 | 15516.8 | 16379.5 | 17242.3 | 17819.3 | 18396.3 | 18511.3 | 18626.4 | 18335.1 | 18043.8 |
| 12.5°  | 13008.2 | 13945.3 | 14882.2 | 15791.3 | 16702.4 | 17299.8 | 17897.3 | 18040.1 | 18183.0 | 17971.4 | 17758.1 |
| 15°    | 12776.4 | 13657.6 | 14538.9 | 15331.2 | 16125.4 | 16613.3 | 17103.1 | 17160.6 | 17220.0 | 17186.6 | 17153.2 |
| 17.5°  | 13197.5 | 13993.4 | 14791.3 | 15221.8 | 15654.0 | 15848.9 | 16045.5 | 16108.6 | 16173.5 | 16257.1 | 16342.4 |
| 20°    | 14217.9 | 14778.3 | 15340.4 | 15321.9 | 15301.5 | 15206.9 | 15110.4 | 15093.7 | 15077.0 | 15316.4 | 15557.6 |
| 22.5°  | 15741.3 | 15963.9 | 16188.4 | 15667.0 | 15145.7 | 14828.4 | 14509.2 | 14446.2 | 14381.2 | 14635.5 | 14891.4 |
| 25°    | 17394.4 | 17353.6 | 17310.9 | 16318.3 | 15323.8 | 14718.9 | 14114.1 | 14043.5 | 13973.0 | 14190.2 | 14409.1 |
| 27.5°  | 19030.9 | 18763.7 | 18496.5 | 17147.6 | 15798.8 | 14921.2 | 14043.5 | 13973.0 | 13902.5 | 14095.5 | 14288.4 |
| 30°    | 20231.4 | 19802.7 | 19374.1 | 17847.1 | 16320.2 | 15277.4 | 14234.7 | 14119.7 | 14002.7 | 14240.2 | 14477.7 |
| 32.5°  | 21168.3 | 20593.2 | 20017.9 | 18414.9 | 16811.8 | 15683.7 | 14555.6 | 14375.6 | 14195.7 | 14513.0 | 14830.2 |
| 35°    | 22103.5 | 21294.5 | 20483.7 | 18921.4 | 17357.3 | 16164.3 | 14969.4 | 14748.6 | 14527.9 | 14963.8 | 15399.9 |
| 37.5°  | 23279.7 | 22118.3 | 20955.0 | 19491.0 | 18027.1 | 16884.2 | 15739.4 | 15513.1 | 15286.7 | 15841.4 | 16398.0 |
| 40°    | 24556.2 | 23007.0 | 21457.7 | 20114.4 | 18771.1 | 17880.5 | 16988.1 | 16772.9 | 16555.7 | 17231.1 | 17906.5 |
| 42.5°  | 25617.6 | 23834.6 | 22051.5 | 20865.9 | 19678.4 | 19051.3 | 18422.3 | 18420.4 | 18416.8 | 19101.4 | 19786.1 |
| 45°    | 26480.4 | 24524.8 | 22567.3 | 21598.8 | 20628.4 | 20301.9 | 19975.3 | 20236.9 | 20498.5 | 21116.3 | 21736.1 |
| 47.5°  | 27124.2 | 25103.6 | 23081.2 | 22437.4 | 21793.6 | 21841.8 | 21890.1 | 22422.5 | 22955.1 | 23352.1 | 23751.0 |
| 50°    | 27543.4 | 25628.7 | 23712.1 | 23513.6 | 23315.1 | 23747.3 | 24181.5 | 24791.9 | 25404.2 | 25675.1 | 25946.0 |
| 52.5°  | 28153.9 | 26341.2 | 24526.6 | 24749.3 | 24971.9 | 25855.1 | 26738.2 | 27356.1 | 27973.9 | 28074.1 | 28176.1 |
| 55°    | 29565.9 | 27651.1 | 25734.5 | 26161.2 | 26589.8 | 27884.9 | 29181.8 | 29664.2 | 30146.7 | 30183.7 | 30220.8 |
| 57.5°  | 31571.5 | 29486.1 | 27400.6 | 27860.7 | 28320.9 | 29816.3 | 31313.7 | 31833.2 | 32354.5 | 32282.2 | 32208.0 |
| 60°    | 33072.5 | 31228.4 | 29382.2 | 29846.0 | 30309.9 | 31768.3 | 33226.6 | 33824.0 | 34423.3 | 34263.7 | 34104.2 |
| 62.5°  | 33165.3 | 32180.1 | 31193.1 | 31612.3 | 32033.6 | 33462.2 | 34890.9 | 35505.0 | 36119.2 | 35840.8 | 35562.6 |
| 65°    | 31690.3 | 32131.9 | 32573.5 | 32712.6 | 32851.8 | 34184.0 | 35518.0 | 35987.5 | 36458.7 | 36317.7 | 36176.7 |
| 67.5°  | 29658.6 | 31285.8 | 32914.8 | 32634.7 | 32354.5 | 32979.9 | 33605.1 | 34089.3 | 34573.6 | 34493.8 | 34412.2 |
| 70°    | 27630.7 | 29803.4 | 31976.0 | 30599.4 | 29220.8 | 28962.8 | 28705.0 | 29226.4 | 29749.5 | 29426.8 | 29102.0 |
| 72.5°  | 24177.8 | 26493.3 | 28810.7 | 26274.4 | 23738.1 | 22856.7 | 21975.4 | 22637.8 | 23300.1 | 22786.2 | 22270.4 |
| 75°    | 18979.0 | 21537.6 | 24098.0 | 21071.8 | 18045.7 | 16869.3 | 15693.0 | 16262.6 | 16832.2 | 16479.7 | 16125.4 |
| 77.5°  | 14128.9 | 16650.4 | 19171.9 | 16095.7 | 13017.5 | 12143.7 | 11267.9 | 11436.7 | 11607.5 | 11548.0 | 11486.8 |
| 80°    | 9583.2  | 11340.2 | 13099.1 | 11050.8 | 9002.4  | 9069.2  | 9137.8  | 9058.1  | 8976.5  | 9095.2  | 9213.9  |
| 82.5°  | 6115.4  | 7471.8  | 8829.9  | 7742.7  | 6655.3  | 7278.7  | 7902.1  | 7596.0  | 7288.1  | 7401.2  | 7516.3  |
| 85°    | 3490.0  | 4816.7  | 6145.1  | 5727.6  | 5308.3  | 5672.0  | 6037.5  | 5562.6  | 5087.6  | 5295.3  | 5505.0  |
| 87.5°  | 920.3   | 2664.3  | 4410.3  | 4004.0  | 3597.6  | 3126.4  | 2655.1  | 2026.1  | 1397.1  | 2040.9  | 2684.8  |
| 90°    | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 92.5°  | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 95°    | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 97.5°  | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 100°   | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 102.5° | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 105°   | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 107.5° | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 110°   | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |



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**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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**CANDELA DISTRIBUTION (continued):**

|        | 330°    | 335°    | 340°    | 345°    | 350°    | 355°    | 360°    |
|--------|---------|---------|---------|---------|---------|---------|---------|
| 0°     | 14138.2 | 14138.2 | 14138.2 | 14138.2 | 14138.2 | 14138.2 | 14138.2 |
| 2.5°   | 15962.1 | 15930.5 | 15817.3 | 15702.3 | 15531.6 | 15390.6 | 15145.7 |
| 5°     | 17108.7 | 16908.3 | 16563.2 | 16216.2 | 15830.3 | 15386.8 | 14895.2 |
| 7.5°   | 17515.1 | 17045.6 | 16383.2 | 15719.0 | 15121.5 | 14420.2 | 13767.1 |
| 10°    | 17342.4 | 16639.3 | 15778.4 | 14915.6 | 14190.2 | 13383.1 | 12657.6 |
| 12.5°  | 17012.2 | 16264.4 | 15316.4 | 14366.4 | 13540.8 | 12674.3 | 11861.6 |
| 15°    | 16557.6 | 15960.2 | 15071.4 | 14182.7 | 13351.5 | 12509.1 | 11546.2 |
| 17.5°  | 16060.3 | 15776.5 | 15134.6 | 14490.7 | 13770.8 | 12954.5 | 11824.5 |
| 20°    | 15659.6 | 15763.6 | 15507.5 | 15251.4 | 14674.4 | 13961.9 | 12692.8 |
| 22.5°  | 15388.7 | 15887.8 | 16084.5 | 16283.1 | 15936.1 | 15379.5 | 13911.8 |
| 25°    | 15236.6 | 16064.1 | 16722.8 | 17383.3 | 17229.3 | 16800.6 | 15392.4 |
| 27.5°  | 15303.4 | 16318.3 | 17340.6 | 18364.8 | 18507.7 | 18388.9 | 16952.9 |
| 30°    | 15503.7 | 16531.6 | 17776.6 | 19023.5 | 19593.1 | 19752.6 | 18253.5 |
| 32.5°  | 15837.7 | 16845.2 | 18201.5 | 19559.7 | 20420.5 | 20929.0 | 19442.8 |
| 35°    | 16342.4 | 17285.0 | 18698.8 | 20112.6 | 21225.9 | 22153.5 | 20671.0 |
| 37.5°  | 17208.9 | 18019.7 | 19324.0 | 20630.2 | 22073.8 | 23467.2 | 22023.6 |
| 40°    | 18478.0 | 19051.3 | 20153.4 | 21257.4 | 23073.8 | 24955.2 | 23532.1 |
| 42.5°  | 20079.2 | 20374.2 | 21248.1 | 22122.0 | 24118.4 | 26306.0 | 25007.1 |
| 45°    | 21814.0 | 21891.9 | 22441.2 | 22992.2 | 24945.9 | 27226.2 | 26114.8 |
| 47.5°  | 23483.8 | 23216.7 | 23435.6 | 23654.6 | 25580.5 | 27883.0 | 26955.4 |
| 50°    | 25202.0 | 24458.0 | 24342.9 | 24227.9 | 26215.1 | 28656.7 | 28024.0 |
| 52.5°  | 26949.8 | 25723.3 | 25268.8 | 24812.3 | 26972.0 | 29682.7 | 29354.4 |
| 55°    | 28660.5 | 27100.0 | 26487.7 | 25875.5 | 28129.8 | 30935.2 | 31308.1 |
| 57.5°  | 30439.8 | 28671.5 | 28103.9 | 27536.1 | 29831.2 | 32521.5 | 33061.5 |
| 60°    | 32354.5 | 30603.0 | 30148.5 | 29692.1 | 31946.4 | 34236.0 | 33842.6 |
| 62.5°  | 34171.0 | 32779.5 | 32540.1 | 32298.9 | 34085.6 | 35553.3 | 33538.3 |
| 65°    | 35384.5 | 34590.3 | 34813.0 | 35037.5 | 35703.5 | 35881.6 | 32647.7 |
| 67.5°  | 34573.6 | 34735.1 | 35675.8 | 36618.3 | 36160.0 | 34905.7 | 30892.4 |
| 70°    | 30068.7 | 31037.2 | 33265.6 | 35495.8 | 34479.0 | 32291.4 | 27742.0 |
| 72.5°  | 23357.7 | 24446.8 | 27755.0 | 31065.1 | 30128.0 | 27448.9 | 22786.2 |
| 75°    | 17353.6 | 18583.7 | 22235.2 | 25886.6 | 24586.0 | 20531.9 | 16314.6 |
| 77.5°  | 12310.6 | 13134.4 | 16739.4 | 20346.4 | 18225.6 | 13666.9 | 10978.5 |
| 80°    | 8961.6  | 8709.2  | 10718.7 | 12728.1 | 12375.5 | 9039.6  | 7050.5  |
| 82.5°  | 6900.3  | 6284.2  | 7230.5  | 8176.8  | 8124.8  | 6273.1  | 5172.9  |
| 85°    | 5258.2  | 5011.4  | 5848.3  | 6685.1  | 5968.8  | 4248.9  | 3287.8  |
| 87.5°  | 3065.2  | 3447.4  | 4432.6  | 5419.7  | 4067.0  | 1289.5  | 638.3   |
| 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: P383565  
 CATALOG NUMBER: GLEON-SA8C-735-U-SLR

**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**



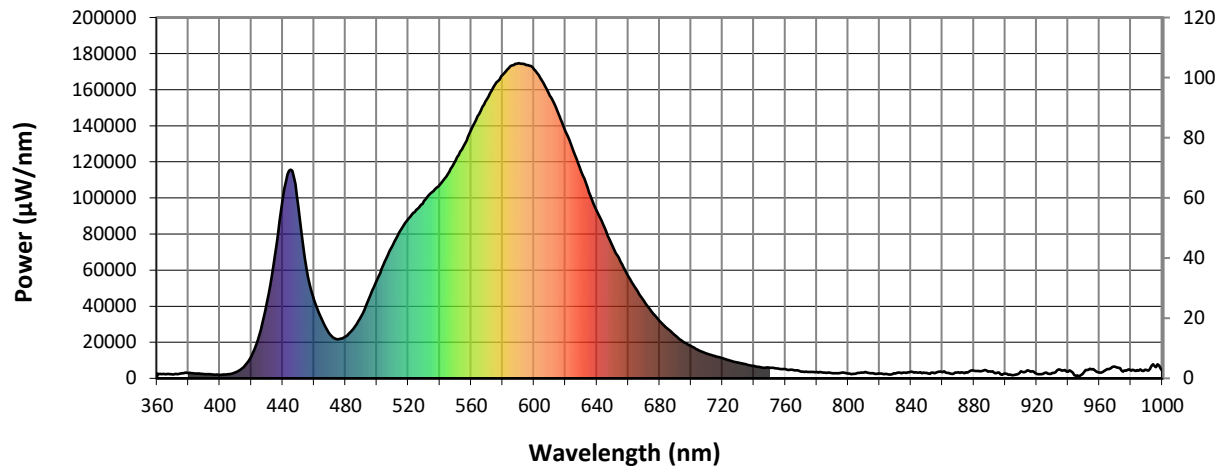
**CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles**



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



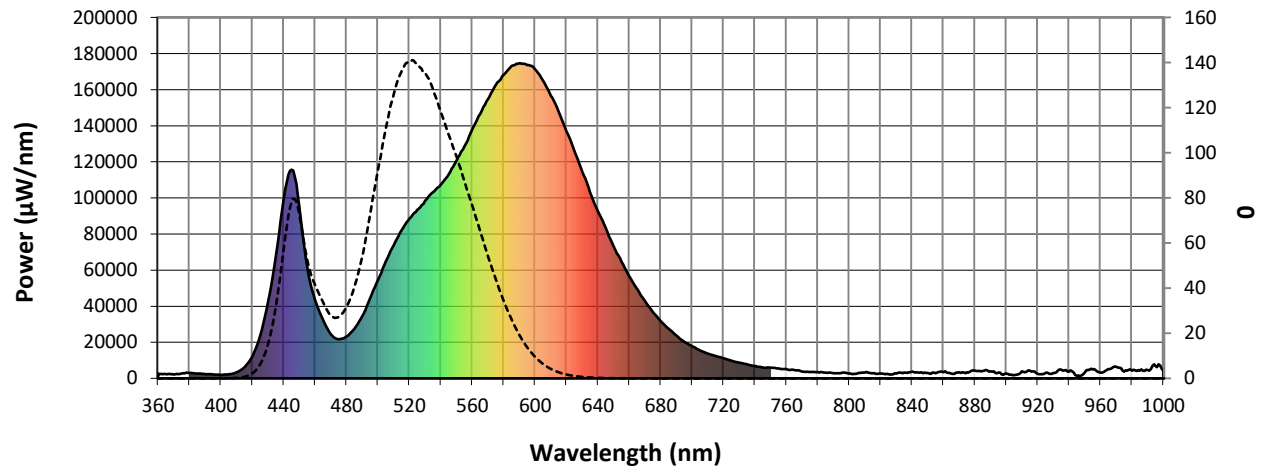
Scotopic Lumens: 12126

S/P: 1.36

| $\lambda$<br>(nm) | Power<br>( $\mu\text{W/nm}$ ) | Lumens<br>( $\Phi/\text{nm}$ ) | $\lambda$<br>(nm) | Power<br>( $\mu\text{W/nm}$ ) | Lumens<br>( $\Phi/\text{nm}$ ) | $\lambda$<br>(nm) | Power<br>( $\mu\text{W/nm}$ ) | Lumens<br>( $\Phi/\text{nm}$ ) | $\lambda$<br>(nm) | Power<br>( $\mu\text{W/nm}$ ) | Lumens<br>( $\Phi/\text{nm}$ ) | $\lambda$<br>(nm) | Power<br>( $\mu\text{W/nm}$ ) | Lumens<br>( $\Phi/\text{nm}$ ) |
|-------------------|-------------------------------|--------------------------------|-------------------|-------------------------------|--------------------------------|-------------------|-------------------------------|--------------------------------|-------------------|-------------------------------|--------------------------------|-------------------|-------------------------------|--------------------------------|
| 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                            |                   |                               |                                |

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### 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              |           |                  |                  |

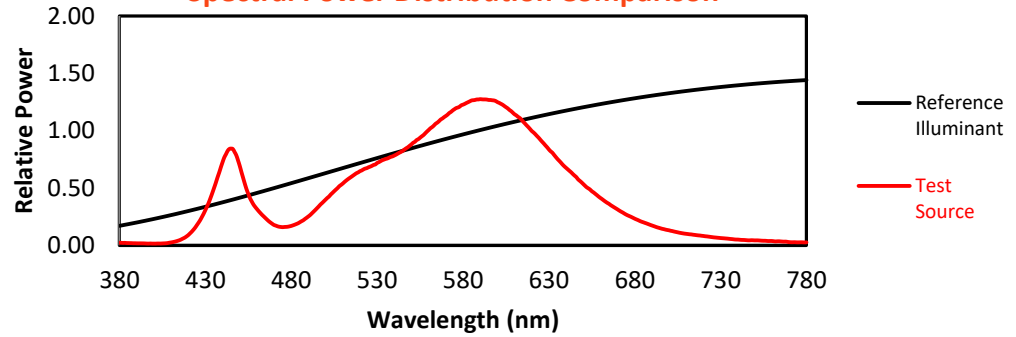
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TM-30-18

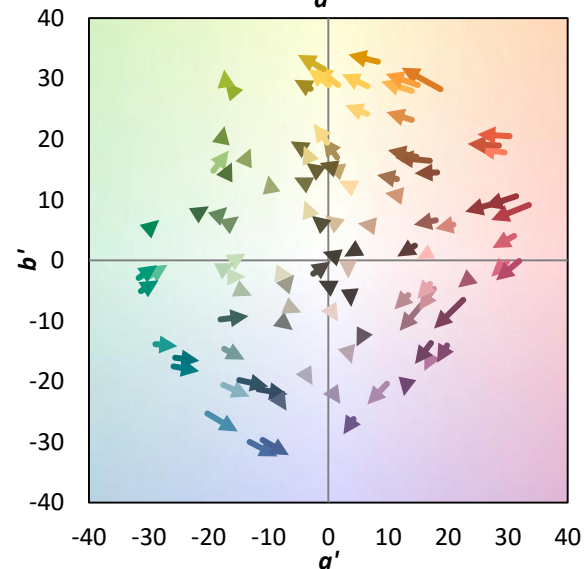
### Summary

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

### Spectral Power Distribution Comparison

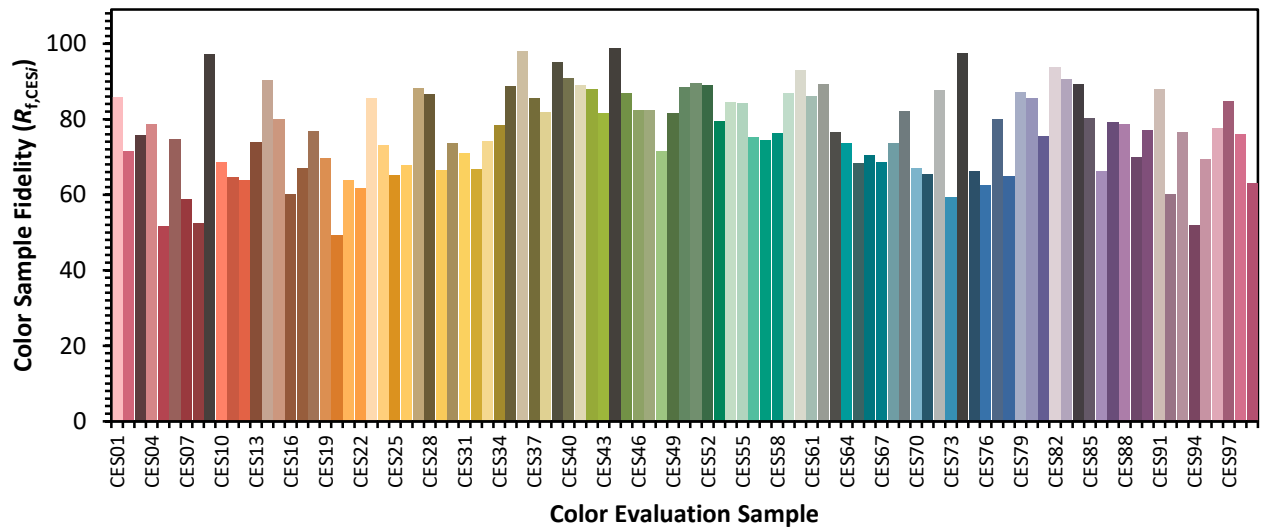


### Color Vector Graphics



**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)