

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



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

Test Report Prepared for  
Cooper Lighting Solutions  
(formerly Eaton)

Brand: McGRAW-EDISON

Report Number: P320812

Luminaire Tested: **GLEON-SA8C-830-U-SLR**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P320812  
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-830-U-SLR  
Description: GALLEON AREA AND ROADWAY LUMINAIRE  
(8) 80 CRI, 3000K, 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: 39587 lumens  
Efficiency: N/A  
Efficacy: 89.0 lumens/watt  
Luminous Opening: Rectangular (W 2' x L: 1' x H: 0')  
IES Classification: Type IV - Medium  
BUG Rating: B3 - U0 - G5

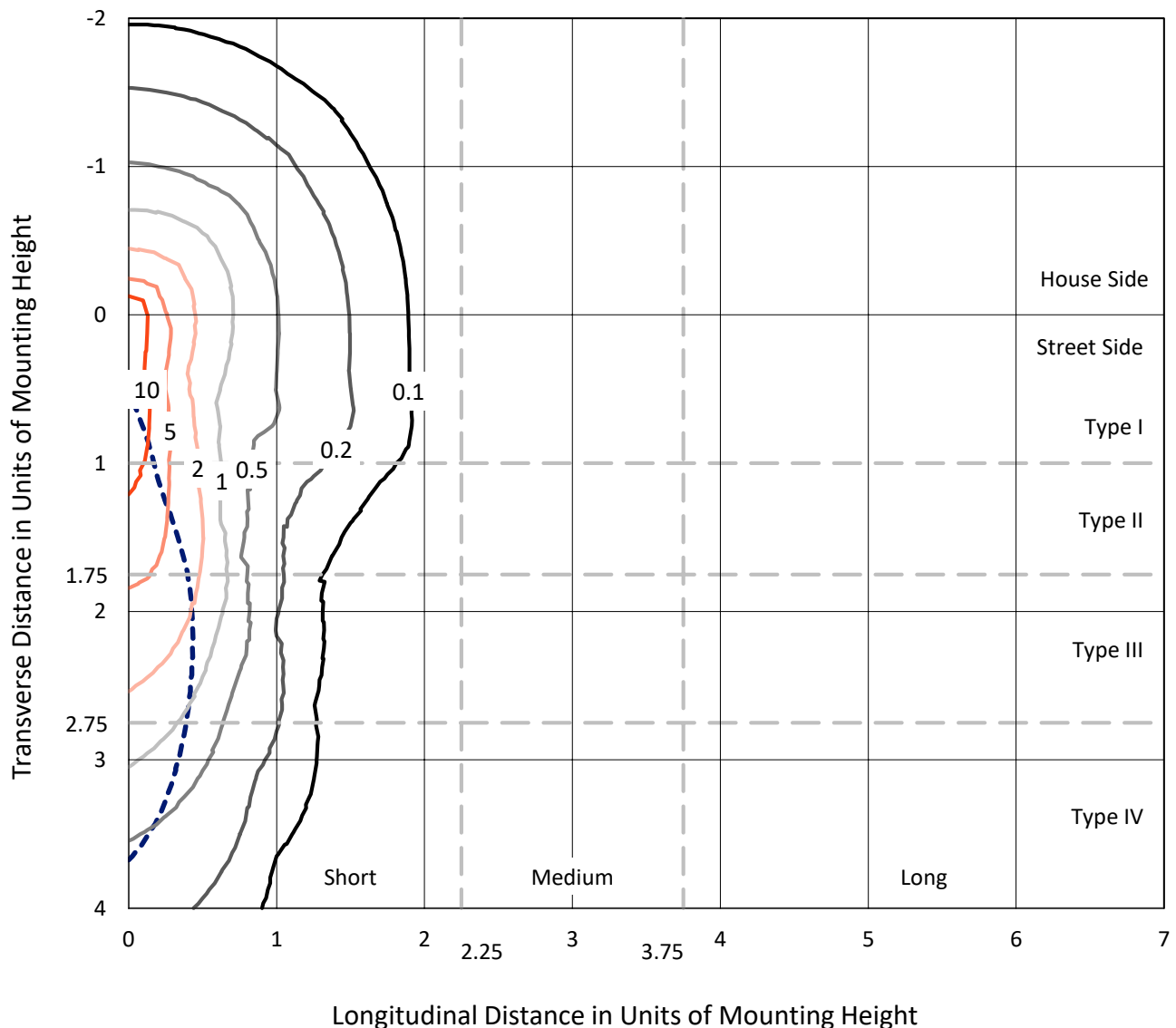
Input Watts (W): 445  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT



REPORT NUMBER: P320812  
 CATALOG NUMBER: GLEON-SA8C-830-U-SLR

## Iso-Footcandle Lines of Horizontal Illumination

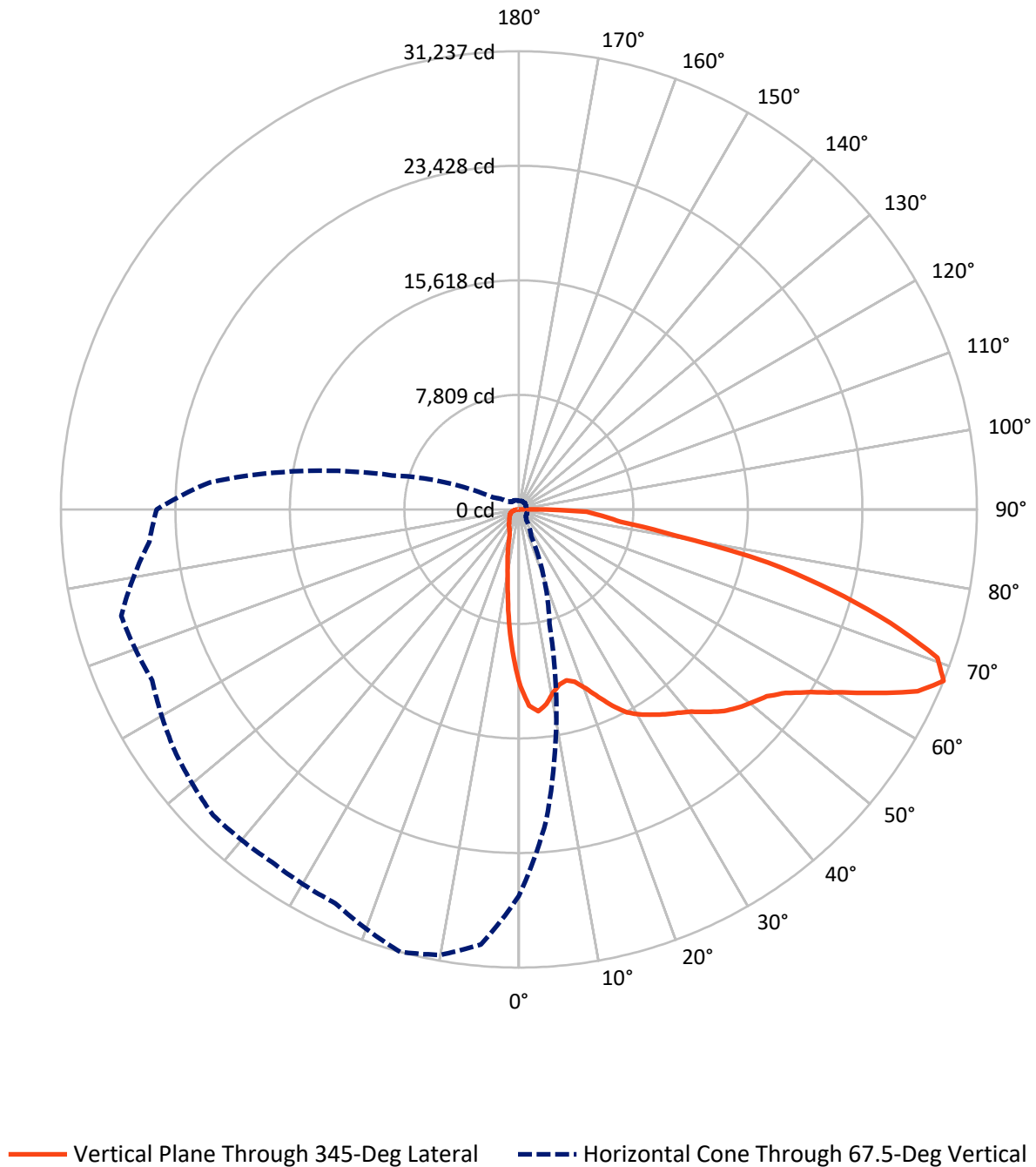
× Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 19.3 fc  
 Type IV - Medium - N/A

REPORT NUMBER: P320812  
CATALOG NUMBER: GLEON-SA8C-830-U-SLR

## Luminous Intensity Polar Plot



REPORT NUMBER: P320812

CATALOG NUMBER: GLEON-SA8C-830-U-SLR

**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total   |
|--------------------|-----------|----------|--------|---------|
| <b>House Side</b>  | Lumens    | 6843.7   | 0.0    | 6843.7  |
|                    | % Fixture | 17.3     | 0.0    | 17.3    |
| <b>Street Side</b> | Lumens    | 32743.2  | 0.0    | 32743.2 |
|                    | % Fixture | 82.7     | 0.0    | 82.7    |
| <b>Total</b>       | Lumens    | 39587.0  | 0.0    | 39587.0 |
|                    | % Fixture | 100.0    | 0.0    | 100.0   |

**ZONAL LUMENS:**

| Zone      | Lumens  | % Fixture |
|-----------|---------|-----------|
| 0°-10°    | 930.8   | 2.4       |
| 10°-20°   | 1933.6  | 4.9       |
| 20°-30°   | 2750.0  | 6.9       |
| 30°-40°   | 3962.8  | 10.0      |
| 40°-50°   | 5584.7  | 14.1      |
| 50°-60°   | 7763.7  | 19.6      |
| 60°-70°   | 9388.6  | 23.7      |
| 70°-80°   | 5771.0  | 14.6      |
| 80°-90°   | 1501.7  | 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°    | 39587.0 | 100.0     |
| 0°-180°   | 39587.0 | 100.0     |

**Coefficient of Utilization**



REPORT NUMBER: P320812

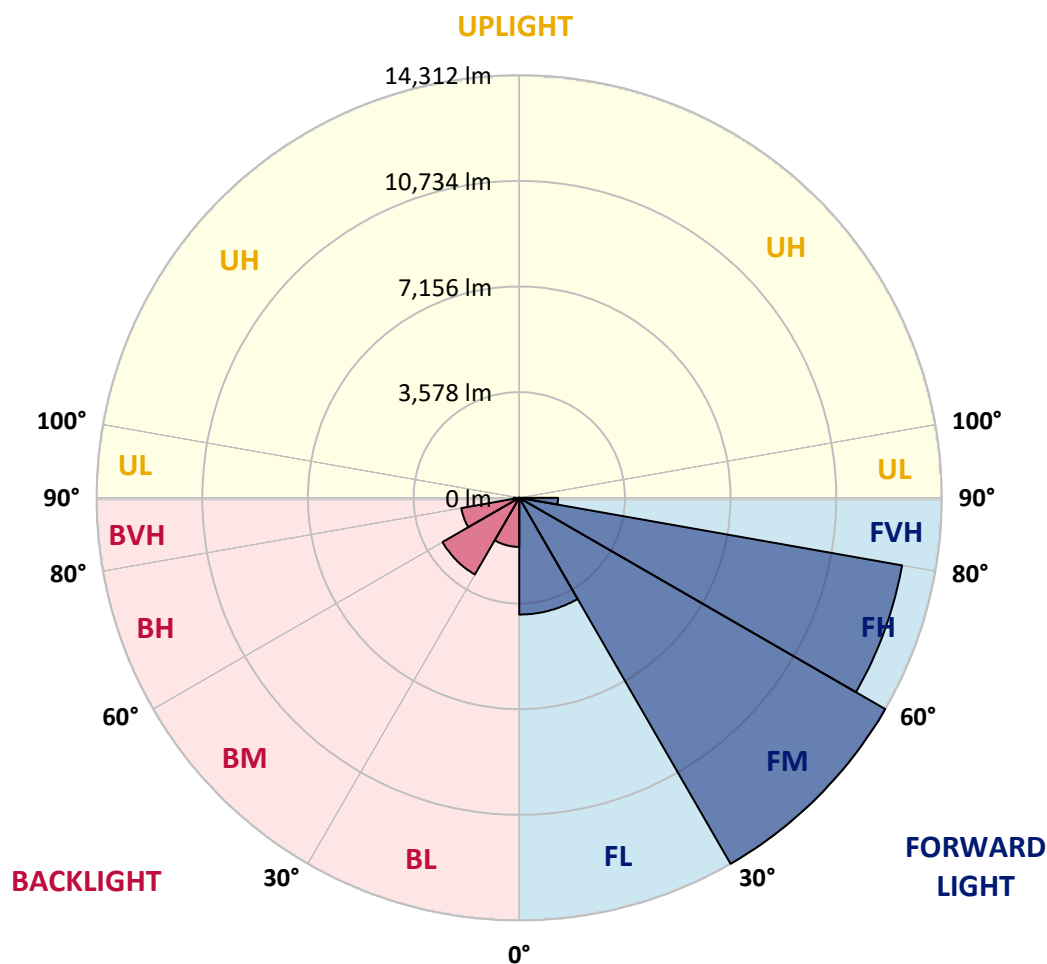
CATALOG NUMBER: GLEON-SA8C-830-U-SLR

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

| Zone |             | Lumens  | % Fixture | Zone Rating/Lumen Limit |      |         |
|------|-------------|---------|-----------|-------------------------|------|---------|
|      |             |         |           | B                       | U    | G       |
| FL   | (0°-30°)    | 3952.8  | 10.0      |                         |      |         |
| FM   | (30°-60°)   | 14311.7 | 36.2      |                         |      |         |
| FH   | (60°-80°)   | 13165.3 | 33.3      |                         |      | G5      |
| FVH  | (80°-90°)   | 1313.4  | 3.3       |                         |      | G5      |
| BL   | (0°-30°)    | 1661.6  | 4.2       | B3/2500                 |      |         |
| BM   | (30°-60°)   | 2999.5  | 7.6       | B3/5000                 |      |         |
| BH   | (60°-80°)   | 1994.4  | 5.0       | B3/2500                 |      | G3/2500 |
| BVH  | (80°-90°)   | 188.2   | 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





REPORT NUMBER: P320812

CATALOG NUMBER: GLEON-SA8C-830-U-SLR

**CANDELA DISTRIBUTION (FULL):**

|        | 0°      | 5°      | 10°     | 15°     | 20°     | 25°     | 30°     | 35°     | 40°     | 45°     | 50°     |
|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0°     | 12060.5 | 12060.5 | 12060.5 | 12060.5 | 12060.5 | 12060.5 | 12060.5 | 12060.5 | 12060.5 | 12060.5 | 12060.5 |
| 2.5°   | 12919.9 | 12805.9 | 12633.4 | 12460.9 | 12332.7 | 12202.9 | 12055.7 | 11908.5 | 11740.7 | 11571.4 | 11471.7 |
| 5°     | 12706.2 | 12389.7 | 11978.2 | 11566.6 | 11294.4 | 11022.2 | 10713.5 | 10404.9 | 10099.4 | 9794.0  | 9629.4  |
| 7.5°   | 11743.9 | 11269.1 | 10734.1 | 10199.2 | 9803.5  | 9406.2  | 8978.9  | 8549.9  | 8170.1  | 7788.6  | 7552.8  |
| 10°    | 10797.4 | 10227.6 | 9613.5  | 8997.9  | 8491.4  | 7984.9  | 7556.0  | 7125.5  | 6839.0  | 6552.5  | 6335.7  |
| 12.5°  | 10118.4 | 9486.9  | 8811.1  | 8133.7  | 7627.2  | 7120.7  | 6848.5  | 6576.3  | 6338.9  | 6101.5  | 5851.4  |
| 15°    | 9849.4  | 9135.6  | 8443.9  | 7750.7  | 7290.1  | 6829.5  | 6527.2  | 6223.3  | 5905.2  | 5585.5  | 5278.4  |
| 17.5°  | 10086.8 | 9251.1  | 8499.3  | 7747.5  | 7144.5  | 6541.5  | 6118.9  | 5694.7  | 5275.3  | 4855.8  | 4499.7  |
| 20°    | 10827.5 | 9760.7  | 8777.9  | 7793.4  | 6990.9  | 6188.5  | 5621.9  | 5053.7  | 4515.5  | 3977.4  | 3573.8  |
| 22.5°  | 11867.4 | 10455.6 | 9172.0  | 7888.4  | 6851.7  | 5813.4  | 5102.7  | 4390.5  | 3754.3  | 3118.0  | 2722.3  |
| 25°    | 13130.4 | 11376.7 | 9740.2  | 8102.0  | 6794.7  | 5485.8  | 4612.1  | 3738.4  | 3067.3  | 2394.7  | 2113.0  |
| 27.5°  | 14461.5 | 12475.1 | 10446.1 | 8415.4  | 6804.2  | 5193.0  | 4199.0  | 3203.5  | 2598.9  | 1994.2  | 1801.2  |
| 30°    | 15571.0 | 13730.2 | 11269.1 | 8806.3  | 6840.6  | 4874.8  | 3809.6  | 2744.5  | 2245.9  | 1747.3  | 1622.3  |
| 32.5°  | 16585.5 | 14605.5 | 11889.5 | 9172.0  | 6881.7  | 4589.9  | 3508.9  | 2426.3  | 2019.6  | 1611.2  | 1508.3  |
| 35°    | 17633.3 | 15382.6 | 12323.2 | 9262.2  | 6810.5  | 4357.3  | 3303.2  | 2249.1  | 1874.0  | 1497.3  | 1410.2  |
| 37.5°  | 18787.1 | 16223.1 | 12741.0 | 9257.4  | 6690.2  | 4123.0  | 3143.3  | 2162.0  | 1779.0  | 1394.4  | 1331.1  |
| 40°    | 20073.8 | 17152.1 | 13193.7 | 9235.3  | 6581.0  | 3925.2  | 3024.6  | 2122.4  | 1726.8  | 1329.5  | 1275.7  |
| 42.5°  | 21332.1 | 18038.5 | 13614.7 | 9191.0  | 6492.4  | 3792.2  | 2907.5  | 2022.7  | 1679.3  | 1334.2  | 1258.3  |
| 45°    | 22277.0 | 18812.4 | 13980.3 | 9146.6  | 6425.9  | 3705.2  | 2815.7  | 1926.2  | 1635.0  | 1343.7  | 1247.2  |
| 47.5°  | 22994.0 | 19589.5 | 14385.5 | 9179.9  | 6419.6  | 3659.3  | 2750.8  | 1842.3  | 1551.1  | 1258.3  | 1218.7  |
| 50°    | 23905.7 | 20523.3 | 14975.9 | 9428.4  | 6506.6  | 3584.9  | 2674.8  | 1763.2  | 1470.4  | 1177.6  | 1231.4  |
| 52.5°  | 25040.5 | 21856.0 | 15890.7 | 9923.8  | 6688.6  | 3453.5  | 2554.5  | 1655.5  | 1372.2  | 1087.3  | 1171.2  |
| 55°    | 26707.1 | 23563.8 | 17060.3 | 10555.3 | 6908.6  | 3260.4  | 2372.5  | 1483.0  | 1242.4  | 1000.3  | 1074.7  |
| 57.5°  | 28202.8 | 25289.0 | 18182.5 | 11074.4 | 7046.3  | 3016.7  | 2143.0  | 1269.4  | 1096.8  | 924.3   | 967.1   |
| 60°    | 28869.1 | 26178.5 | 18707.9 | 11235.8 | 6964.0  | 2692.2  | 1885.0  | 1076.3  | 968.6   | 861.0   | 853.1   |
| 62.5°  | 28609.5 | 25613.4 | 18190.4 | 10767.4 | 6562.0  | 2356.7  | 1657.1  | 957.6   | 876.8   | 794.5   | 777.1   |
| 65°    | 27849.8 | 23837.6 | 16740.6 | 9643.6  | 5883.0  | 2122.4  | 1513.1  | 903.7   | 813.5   | 723.3   | 704.3   |
| 67.5°  | 26352.6 | 21310.0 | 14686.2 | 8062.5  | 5020.4  | 1978.4  | 1430.8  | 883.2   | 774.0   | 663.2   | 641.0   |
| 70°    | 23665.1 | 18267.9 | 12320.0 | 6370.5  | 4130.9  | 1889.8  | 1377.0  | 864.2   | 731.2   | 596.7   | 576.1   |
| 72.5°  | 19437.6 | 14646.6 | 9838.3  | 5028.4  | 3453.5  | 1878.7  | 1370.6  | 862.6   | 696.4   | 530.2   | 511.2   |
| 75°    | 13917.0 | 11125.1 | 7510.1  | 3893.5  | 2828.4  | 1763.2  | 1301.0  | 838.9   | 648.9   | 457.4   | 440.0   |
| 77.5°  | 9365.1  | 7700.0  | 5219.9  | 2738.1  | 2098.7  | 1459.3  | 1093.7  | 728.1   | 555.5   | 383.0   | 365.6   |
| 80°    | 6014.4  | 5329.1  | 3497.8  | 1666.6  | 1361.2  | 1055.7  | 781.9   | 508.1   | 405.2   | 300.7   | 286.5   |
| 82.5°  | 4412.7  | 3966.3  | 2431.1  | 895.8   | 756.5   | 615.7   | 478.0   | 340.3   | 277.0   | 213.7   | 207.3   |
| 85°    | 2804.6  | 3092.7  | 1790.1  | 487.5   | 398.8   | 310.2   | 256.4   | 202.6   | 159.9   | 117.1   | 117.1   |
| 87.5°  | 544.5   | 753.4   | 495.4   | 235.8   | 172.5   | 109.2   | 93.4    | 76.0    | 42.7    | 7.9     | 9.5     |
| 90°    | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 92.5°  | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 95°    | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 97.5°  | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 100°   | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 102.5° | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 105°   | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 107.5° | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 110°   | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |



REPORT NUMBER: P320812  
 CATALOG NUMBER: GLEON-SA8C-830-U-SLR

**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 |

REPORT NUMBER: P320812

CATALOG NUMBER: GLEON-SA8C-830-U-SLR

**CANDELA DISTRIBUTION (continued):**

|        | 55°     | 60°     | 65°     | 70°     | 75°     | 80°     | 85°     | 90°     | 95°     | 100°    | 105°    |
|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0°     | 12060.5 | 12060.5 | 12060.5 | 12060.5 | 12060.5 | 12060.5 | 12060.5 | 12060.5 | 12060.5 | 12060.5 | 12060.5 |
| 2.5°   | 11370.4 | 11261.2 | 11152.0 | 11028.5 | 10903.5 | 10787.9 | 10670.8 | 10542.6 | 10566.4 | 10468.2 | 10370.1 |
| 5°     | 9464.8  | 9290.7  | 9115.0  | 8963.0  | 8811.1  | 8679.7  | 8546.8  | 8428.1  | 8531.0  | 8461.3  | 8391.7  |
| 7.5°   | 7315.4  | 7100.2  | 6883.3  | 6701.3  | 6519.3  | 6378.4  | 6236.0  | 6137.9  | 6239.1  | 6226.5  | 6213.8  |
| 10°    | 6118.9  | 5909.9  | 5699.4  | 5498.4  | 5297.4  | 5126.5  | 4954.0  | 4808.4  | 4783.0  | 4710.2  | 4635.8  |
| 12.5°  | 5599.7  | 5313.2  | 5025.2  | 4814.7  | 4604.2  | 4400.0  | 4195.8  | 4024.9  | 3947.3  | 3827.1  | 3705.2  |
| 15°    | 4971.4  | 4632.7  | 4294.0  | 4055.0  | 3814.4  | 3616.6  | 3417.1  | 3269.9  | 3220.9  | 3127.5  | 3034.1  |
| 17.5°  | 4143.6  | 3773.2  | 3402.9  | 3160.7  | 2917.0  | 2758.7  | 2598.9  | 2500.7  | 2500.7  | 2473.8  | 2446.9  |
| 20°    | 3170.2  | 2839.4  | 2508.6  | 2323.5  | 2138.3  | 2054.4  | 1968.9  | 1927.8  | 1940.4  | 1942.0  | 1942.0  |
| 22.5°  | 2325.0  | 2122.4  | 1919.9  | 1845.5  | 1769.5  | 1739.4  | 1709.4  | 1691.9  | 1698.3  | 1699.9  | 1701.4  |
| 25°    | 1831.2  | 1753.7  | 1674.5  | 1636.5  | 1597.0  | 1578.0  | 1559.0  | 1552.7  | 1566.9  | 1568.5  | 1568.5  |
| 27.5°  | 1608.1  | 1560.6  | 1511.5  | 1487.8  | 1462.4  | 1454.5  | 1446.6  | 1435.5  | 1449.8  | 1449.8  | 1448.2  |
| 30°    | 1495.7  | 1445.0  | 1394.4  | 1364.3  | 1334.2  | 1337.4  | 1339.0  | 1335.8  | 1345.3  | 1351.7  | 1356.4  |
| 32.5°  | 1403.9  | 1354.8  | 1305.8  | 1275.7  | 1244.0  | 1239.3  | 1234.5  | 1231.4  | 1251.9  | 1263.0  | 1274.1  |
| 35°    | 1321.6  | 1267.8  | 1214.0  | 1185.5  | 1157.0  | 1145.9  | 1134.8  | 1126.9  | 1145.9  | 1160.1  | 1174.4  |
| 37.5°  | 1266.2  | 1210.8  | 1153.8  | 1126.9  | 1098.4  | 1084.2  | 1069.9  | 1060.4  | 1068.3  | 1074.7  | 1081.0  |
| 40°    | 1221.9  | 1164.9  | 1106.3  | 1074.7  | 1043.0  | 1028.8  | 1014.5  | 1006.6  | 1011.4  | 1013.0  | 1014.5  |
| 42.5°  | 1180.7  | 1125.3  | 1069.9  | 1035.1  | 998.7   | 981.3   | 963.9   | 954.4   | 957.6   | 960.7   | 962.3   |
| 45°    | 1150.6  | 1095.3  | 1038.3  | 997.1   | 954.4   | 935.4   | 916.4   | 905.3   | 906.9   | 906.9   | 906.9   |
| 47.5°  | 1179.1  | 1098.4  | 1016.1  | 968.6   | 919.6   | 897.4   | 875.3   | 864.2   | 861.0   | 857.8   | 854.7   |
| 50°    | 1283.6  | 1145.9  | 1006.6  | 946.5   | 884.7   | 861.0   | 835.7   | 823.0   | 815.1   | 811.9   | 808.8   |
| 52.5°  | 1253.5  | 1134.8  | 1014.5  | 937.0   | 857.8   | 829.4   | 800.9   | 780.3   | 772.4   | 767.6   | 762.9   |
| 55°    | 1147.5  | 1073.1  | 997.1   | 903.7   | 810.4   | 785.0   | 758.1   | 743.9   | 729.6   | 726.5   | 723.3   |
| 57.5°  | 1008.2  | 978.1   | 948.1   | 853.1   | 758.1   | 734.4   | 709.1   | 699.6   | 686.9   | 686.9   | 685.3   |
| 60°    | 843.6   | 887.9   | 932.2   | 823.0   | 712.2   | 685.3   | 658.4   | 650.5   | 645.8   | 644.2   | 642.6   |
| 62.5°  | 758.1   | 830.9   | 902.2   | 786.6   | 669.5   | 641.0   | 612.5   | 603.0   | 601.4   | 603.0   | 603.0   |
| 65°    | 685.3   | 707.5   | 729.6   | 675.8   | 622.0   | 593.5   | 563.5   | 554.0   | 557.1   | 561.9   | 566.6   |
| 67.5°  | 618.9   | 614.1   | 609.4   | 590.4   | 569.8   | 546.0   | 520.7   | 511.2   | 512.8   | 519.1   | 525.5   |
| 70°    | 555.5   | 549.2   | 541.3   | 527.1   | 512.8   | 492.2   | 471.7   | 465.3   | 463.7   | 471.7   | 478.0   |
| 72.5°  | 492.2   | 484.3   | 474.8   | 463.7   | 451.1   | 433.7   | 416.3   | 411.5   | 413.1   | 417.8   | 422.6   |
| 75°    | 422.6   | 416.3   | 408.3   | 398.8   | 387.8   | 371.9   | 356.1   | 353.0   | 356.1   | 360.9   | 365.6   |
| 77.5°  | 346.6   | 345.0   | 341.9   | 334.0   | 326.0   | 308.6   | 289.6   | 288.1   | 292.8   | 297.6   | 300.7   |
| 80°    | 270.6   | 272.2   | 273.8   | 267.5   | 261.2   | 242.2   | 221.6   | 220.0   | 224.7   | 229.5   | 234.2   |
| 82.5°  | 199.4   | 204.2   | 207.3   | 199.4   | 191.5   | 169.4   | 147.2   | 144.0   | 159.9   | 164.6   | 169.4   |
| 85°    | 115.5   | 121.9   | 128.2   | 121.9   | 115.5   | 93.4    | 71.2    | 69.6    | 83.9    | 91.8    | 99.7    |
| 87.5°  | 9.5     | 12.7    | 15.8    | 14.2    | 12.7    | 6.3     | 0.0     | 0.0     | 1.6     | 7.9     | 14.2    |
| 90°    | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 92.5°  | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 95°    | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 97.5°  | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 100°   | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 102.5° | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 105°   | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 107.5° | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 110°   | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |



REPORT NUMBER: P320812  
 CATALOG NUMBER: GLEON-SA8C-830-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: P320812

CATALOG NUMBER: GLEON-SA8C-830-U-SLR

**CANDELA DISTRIBUTION (continued):**

|        | 110°    | 115°    | 120°    | 125°    | 130°    | 135°    | 140°    | 145°    | 150°    | 155°    | 160°    |
|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0°     | 12060.5 | 12060.5 | 12060.5 | 12060.5 | 12060.5 | 12060.5 | 12060.5 | 12060.5 | 12060.5 | 12060.5 | 12060.5 |
| 2.5°   | 10308.4 | 10246.6 | 10227.6 | 10208.7 | 10139.0 | 10067.8 | 10140.6 | 10211.8 | 10241.9 | 10272.0 | 10194.4 |
| 5°     | 8382.2  | 8371.1  | 8371.1  | 8369.5  | 8306.2  | 8241.3  | 8290.4  | 8337.9  | 8231.8  | 8125.8  | 8114.7  |
| 7.5°   | 6281.9  | 6349.9  | 6405.3  | 6459.1  | 6438.6  | 6418.0  | 6463.9  | 6509.8  | 6375.3  | 6239.1  | 6172.7  |
| 10°    | 4651.7  | 4665.9  | 4726.1  | 4786.2  | 4800.4  | 4813.1  | 4870.1  | 4925.5  | 4821.0  | 4716.6  | 4670.7  |
| 12.5°  | 3629.2  | 3553.2  | 3561.2  | 3567.5  | 3596.0  | 3622.9  | 3683.0  | 3741.6  | 3698.9  | 3654.5  | 3659.3  |
| 15°    | 2939.1  | 2842.6  | 2803.0  | 2761.9  | 2793.5  | 2825.2  | 2867.9  | 2909.1  | 2910.7  | 2910.7  | 2951.8  |
| 17.5°  | 2399.4  | 2350.4  | 2310.8  | 2269.6  | 2312.4  | 2353.5  | 2358.3  | 2363.0  | 2364.6  | 2366.2  | 2363.0  |
| 20°    | 1965.8  | 1989.5  | 1976.8  | 1964.2  | 1980.0  | 1994.2  | 2006.9  | 2018.0  | 2003.7  | 1987.9  | 1948.3  |
| 22.5°  | 1723.6  | 1744.2  | 1760.0  | 1774.2  | 1801.2  | 1826.5  | 1813.8  | 1799.6  | 1771.1  | 1741.0  | 1710.9  |
| 25°    | 1582.7  | 1597.0  | 1612.8  | 1628.6  | 1650.8  | 1671.4  | 1649.2  | 1627.1  | 1606.5  | 1585.9  | 1565.3  |
| 27.5°  | 1464.0  | 1478.3  | 1492.5  | 1505.2  | 1525.8  | 1544.8  | 1524.2  | 1503.6  | 1486.2  | 1468.8  | 1453.0  |
| 30°    | 1367.5  | 1377.0  | 1388.1  | 1399.1  | 1418.1  | 1435.5  | 1418.1  | 1399.1  | 1386.5  | 1372.2  | 1361.2  |
| 32.5°  | 1285.2  | 1294.7  | 1299.4  | 1304.2  | 1321.6  | 1339.0  | 1326.3  | 1313.7  | 1302.6  | 1291.5  | 1283.6  |
| 35°    | 1195.0  | 1214.0  | 1217.1  | 1220.3  | 1237.7  | 1255.1  | 1247.2  | 1237.7  | 1225.0  | 1212.4  | 1198.1  |
| 37.5°  | 1103.2  | 1125.3  | 1138.0  | 1149.1  | 1166.5  | 1183.9  | 1176.0  | 1168.1  | 1150.6  | 1133.2  | 1107.9  |
| 40°    | 1025.6  | 1035.1  | 1058.9  | 1081.0  | 1109.5  | 1136.4  | 1120.6  | 1103.2  | 1076.3  | 1049.4  | 1036.7  |
| 42.5°  | 960.7   | 959.1   | 981.3   | 1003.5  | 1046.2  | 1087.3  | 1058.9  | 1030.4  | 1005.0  | 979.7   | 976.5   |
| 45°    | 903.7   | 899.0   | 910.1   | 921.2   | 967.1   | 1011.4  | 982.9   | 952.8   | 938.6   | 924.3   | 924.3   |
| 47.5°  | 853.1   | 849.9   | 857.8   | 864.2   | 892.7   | 919.6   | 905.3   | 891.1   | 883.2   | 875.3   | 876.8   |
| 50°    | 807.2   | 804.0   | 811.9   | 818.3   | 829.4   | 838.9   | 842.0   | 843.6   | 838.9   | 834.1   | 837.3   |
| 52.5°  | 764.5   | 764.5   | 767.6   | 769.2   | 783.5   | 797.7   | 797.7   | 796.1   | 796.1   | 796.1   | 799.3   |
| 55°    | 728.1   | 731.2   | 731.2   | 731.2   | 753.4   | 774.0   | 767.6   | 761.3   | 762.9   | 762.9   | 766.0   |
| 57.5°  | 691.7   | 696.4   | 699.6   | 702.7   | 724.9   | 747.1   | 740.7   | 734.4   | 734.4   | 734.4   | 736.0   |
| 60°    | 650.5   | 656.8   | 663.2   | 669.5   | 691.7   | 713.8   | 707.5   | 699.6   | 701.2   | 702.7   | 704.3   |
| 62.5°  | 610.9   | 617.3   | 623.6   | 629.9   | 652.1   | 674.2   | 667.9   | 660.0   | 664.7   | 667.9   | 667.9   |
| 65°    | 573.0   | 577.7   | 584.0   | 590.4   | 610.9   | 631.5   | 625.2   | 618.9   | 625.2   | 629.9   | 633.1   |
| 67.5°  | 530.2   | 533.4   | 539.7   | 546.0   | 566.6   | 587.2   | 580.9   | 573.0   | 580.9   | 587.2   | 593.5   |
| 70°    | 481.2   | 484.3   | 492.2   | 498.6   | 519.1   | 539.7   | 531.8   | 523.9   | 531.8   | 539.7   | 546.0   |
| 72.5°  | 427.3   | 430.5   | 438.4   | 444.7   | 468.5   | 492.2   | 482.7   | 473.2   | 482.7   | 492.2   | 495.4   |
| 75°    | 368.8   | 371.9   | 381.4   | 389.4   | 413.1   | 436.8   | 428.9   | 419.4   | 427.3   | 435.3   | 436.8   |
| 77.5°  | 305.5   | 310.2   | 322.9   | 335.5   | 354.5   | 373.5   | 368.8   | 364.0   | 368.8   | 373.5   | 373.5   |
| 80°    | 239.0   | 243.7   | 259.6   | 273.8   | 284.9   | 296.0   | 297.6   | 299.1   | 300.7   | 302.3   | 300.7   |
| 82.5°  | 177.3   | 183.6   | 197.8   | 212.1   | 212.1   | 212.1   | 224.7   | 235.8   | 235.8   | 234.2   | 232.7   |
| 85°    | 109.2   | 117.1   | 129.8   | 142.4   | 134.5   | 126.6   | 147.2   | 166.2   | 166.2   | 164.6   | 161.4   |
| 87.5°  | 22.2    | 30.1    | 42.7    | 53.8    | 45.9    | 38.0    | 58.6    | 79.1    | 80.7    | 80.7    | 77.6    |
| 90°    | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 92.5°  | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 95°    | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 97.5°  | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 100°   | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 102.5° | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 105°   | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 107.5° | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 110°   | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |



REPORT NUMBER: P320812  
 CATALOG NUMBER: GLEON-SA8C-830-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: P320812

CATALOG NUMBER: GLEON-SA8C-830-U-SLR

**CANDELA DISTRIBUTION (continued):**

|        | 165°    | 170°    | 175°    | 180°    | 185°    | 190°    | 195°    | 200°    | 205°    | 210°    | 215°    |
|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0°     | 12060.5 | 12060.5 | 12060.5 | 12060.5 | 12060.5 | 12060.5 | 12060.5 | 12060.5 | 12060.5 | 12060.5 | 12060.5 |
| 2.5°   | 10115.3 | 10238.7 | 10360.6 | 10392.2 | 10439.7 | 10460.3 | 10479.3 | 10634.4 | 10787.9 | 10968.4 | 11148.8 |
| 5°     | 8102.0  | 8193.8  | 8285.6  | 8299.9  | 8348.9  | 8374.3  | 8399.6  | 8587.9  | 8774.7  | 9026.3  | 9278.0  |
| 7.5°   | 6106.2  | 6128.4  | 6150.5  | 6147.3  | 6188.5  | 6243.9  | 6297.7  | 6498.7  | 6698.1  | 6968.8  | 7237.9  |
| 10°    | 4624.8  | 4675.4  | 4724.5  | 4770.4  | 4860.6  | 4965.0  | 5067.9  | 5273.7  | 5479.4  | 5746.9  | 6012.8  |
| 12.5°  | 3664.0  | 3722.6  | 3779.6  | 3830.2  | 3934.7  | 4074.0  | 4211.7  | 4458.6  | 4705.5  | 5025.2  | 5343.3  |
| 15°    | 2991.4  | 2986.6  | 2981.9  | 3016.7  | 3108.5  | 3260.4  | 3410.8  | 3671.9  | 3933.1  | 4284.5  | 4634.3  |
| 17.5°  | 2359.9  | 2336.1  | 2312.4  | 2339.3  | 2424.8  | 2549.8  | 2673.2  | 2894.8  | 3114.8  | 3455.1  | 3795.4  |
| 20°    | 1908.8  | 1893.0  | 1877.1  | 1902.4  | 1956.3  | 2008.5  | 2060.7  | 2220.6  | 2378.9  | 2655.8  | 2931.2  |
| 22.5°  | 1679.3  | 1677.7  | 1674.5  | 1688.8  | 1714.1  | 1741.0  | 1766.3  | 1843.9  | 1919.9  | 2098.7  | 2276.0  |
| 25°    | 1544.8  | 1543.2  | 1541.6  | 1547.9  | 1568.5  | 1589.1  | 1609.6  | 1660.3  | 1710.9  | 1796.4  | 1881.9  |
| 27.5°  | 1437.1  | 1434.0  | 1430.8  | 1432.4  | 1437.1  | 1468.8  | 1498.9  | 1522.6  | 1544.8  | 1603.3  | 1660.3  |
| 30°    | 1350.1  | 1348.5  | 1346.9  | 1346.9  | 1342.2  | 1353.2  | 1364.3  | 1400.7  | 1435.5  | 1495.7  | 1555.8  |
| 32.5°  | 1275.7  | 1267.8  | 1259.9  | 1242.4  | 1231.4  | 1247.2  | 1263.0  | 1301.0  | 1339.0  | 1394.4  | 1449.8  |
| 35°    | 1182.3  | 1161.7  | 1139.6  | 1130.1  | 1131.7  | 1147.5  | 1163.3  | 1201.3  | 1237.7  | 1297.8  | 1356.4  |
| 37.5°  | 1081.0  | 1074.7  | 1066.8  | 1065.2  | 1069.9  | 1085.8  | 1101.6  | 1134.8  | 1166.5  | 1226.6  | 1285.2  |
| 40°    | 1024.0  | 1020.9  | 1017.7  | 1014.5  | 1017.7  | 1033.5  | 1049.4  | 1081.0  | 1111.1  | 1169.6  | 1226.6  |
| 42.5°  | 973.4   | 971.8   | 970.2   | 970.2   | 971.8   | 989.2   | 1006.6  | 1038.3  | 1068.3  | 1120.6  | 1172.8  |
| 45°    | 924.3   | 925.9   | 925.9   | 929.1   | 933.8   | 951.2   | 967.1   | 1001.9  | 1036.7  | 1087.3  | 1138.0  |
| 47.5°  | 878.4   | 883.2   | 886.3   | 894.2   | 899.0   | 918.0   | 935.4   | 973.4   | 1011.4  | 1074.7  | 1136.4  |
| 50°    | 838.9   | 843.6   | 846.8   | 853.1   | 865.8   | 887.9   | 910.1   | 956.0   | 1000.3  | 1106.3  | 1210.8  |
| 52.5°  | 802.4   | 807.2   | 811.9   | 818.3   | 834.1   | 859.4   | 884.7   | 941.7   | 997.1   | 1120.6  | 1244.0  |
| 55°    | 769.2   | 774.0   | 777.1   | 786.6   | 802.4   | 824.6   | 845.2   | 914.8   | 984.5   | 1074.7  | 1164.9  |
| 57.5°  | 737.6   | 742.3   | 745.5   | 751.8   | 759.7   | 783.5   | 805.6   | 880.0   | 954.4   | 1017.7  | 1079.4  |
| 60°    | 704.3   | 707.5   | 709.1   | 709.1   | 715.4   | 742.3   | 769.2   | 864.2   | 957.6   | 946.5   | 933.8   |
| 62.5°  | 667.9   | 671.1   | 672.7   | 667.9   | 675.8   | 704.3   | 732.8   | 856.3   | 979.7   | 903.7   | 827.8   |
| 65°    | 634.7   | 633.1   | 631.5   | 626.8   | 636.3   | 664.7   | 691.7   | 753.4   | 815.1   | 785.0   | 755.0   |
| 67.5°  | 598.3   | 593.5   | 588.8   | 582.4   | 591.9   | 617.3   | 641.0   | 661.6   | 682.2   | 685.3   | 688.5   |
| 70°    | 552.4   | 546.0   | 539.7   | 538.1   | 542.9   | 563.5   | 584.0   | 598.3   | 610.9   | 617.3   | 622.0   |
| 72.5°  | 498.6   | 493.8   | 489.1   | 485.9   | 487.5   | 504.9   | 520.7   | 533.4   | 546.0   | 550.8   | 554.0   |
| 75°    | 438.4   | 438.4   | 436.8   | 427.3   | 427.3   | 441.6   | 454.2   | 465.3   | 476.4   | 482.7   | 489.1   |
| 77.5°  | 373.5   | 375.1   | 375.1   | 362.4   | 360.9   | 375.1   | 387.8   | 397.3   | 405.2   | 411.5   | 416.3   |
| 80°    | 299.1   | 296.0   | 292.8   | 284.9   | 281.7   | 299.1   | 315.0   | 322.9   | 329.2   | 330.8   | 330.8   |
| 82.5°  | 229.5   | 223.2   | 215.3   | 197.8   | 199.4   | 218.4   | 235.8   | 242.2   | 248.5   | 248.5   | 248.5   |
| 85°    | 156.7   | 144.0   | 129.8   | 115.5   | 117.1   | 137.7   | 156.7   | 163.0   | 169.4   | 172.5   | 174.1   |
| 87.5°  | 74.4    | 61.7    | 47.5    | 36.4    | 36.4    | 53.8    | 69.6    | 72.8    | 76.0    | 82.3    | 88.6    |
| 90°    | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 92.5°  | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 95°    | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 97.5°  | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 100°   | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 102.5° | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 105°   | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 107.5° | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 110°   | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |



REPORT NUMBER: P320812  
 CATALOG NUMBER: GLEON-SA8C-830-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  |

REPORT NUMBER: P320812

CATALOG NUMBER: GLEON-SA8C-830-U-SLR

**CANDELA DISTRIBUTION (continued):**

|        | 220°    | 225°    | 230°    | 235°    | 240°    | 245°    | 250°    | 255°    | 260°    | 265°    | 270°    |
|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0°     | 12060.5 | 12060.5 | 12060.5 | 12060.5 | 12060.5 | 12060.5 | 12060.5 | 12060.5 | 12060.5 | 12060.5 | 12060.5 |
| 2.5°   | 11286.5 | 11422.6 | 11563.5 | 11704.3 | 11865.8 | 12027.2 | 12215.6 | 12402.3 | 12562.2 | 12722.0 | 12855.0 |
| 5°     | 9494.8  | 9711.7  | 9966.5  | 10221.3 | 10545.8 | 10870.2 | 11267.5 | 11663.2 | 12016.1 | 12369.1 | 12779.0 |
| 7.5°   | 7521.2  | 7802.9  | 8135.3  | 8467.6  | 8887.1  | 9306.5  | 9820.9  | 10335.3 | 10833.8 | 11330.8 | 11960.7 |
| 10°    | 6308.8  | 6604.8  | 6932.4  | 7258.4  | 7685.8  | 8111.5  | 8656.0  | 9198.9  | 9759.2  | 10317.9 | 11030.1 |
| 12.5°  | 5672.5  | 6000.2  | 6288.2  | 6576.3  | 6922.9  | 7267.9  | 7795.0  | 8322.0  | 8980.4  | 9637.3  | 10322.6 |
| 15°    | 4993.5  | 5351.2  | 5696.3  | 6041.3  | 6419.6  | 6796.3  | 7309.1  | 7821.9  | 8542.0  | 9262.2  | 10050.4 |
| 17.5°  | 4172.1  | 4548.8  | 4969.8  | 5389.2  | 5883.0  | 6375.3  | 7032.1  | 7688.9  | 8542.0  | 9393.5  | 10322.6 |
| 20°    | 3315.8  | 3700.4  | 4203.7  | 4707.1  | 5321.2  | 5933.7  | 6785.2  | 7636.7  | 8785.8  | 9933.3  | 11118.7 |
| 22.5°  | 2616.3  | 2955.0  | 3504.2  | 4051.8  | 4760.9  | 5469.9  | 6562.0  | 7652.5  | 9154.5  | 10655.0 | 12255.1 |
| 25°    | 2120.9  | 2359.9  | 2899.6  | 3437.7  | 4256.0  | 5074.3  | 6425.9  | 7776.0  | 9691.1  | 11604.6 | 13589.4 |
| 27.5°  | 1817.0  | 1973.7  | 2477.0  | 2978.7  | 3873.0  | 4765.6  | 6370.5  | 7973.8  | 10371.7 | 12769.5 | 15040.7 |
| 30°    | 1665.0  | 1774.2  | 2200.0  | 2624.2  | 3532.7  | 4441.2  | 6304.0  | 8166.9  | 11026.9 | 13885.3 | 16175.6 |
| 32.5°  | 1538.4  | 1625.5  | 1989.5  | 2351.9  | 3238.3  | 4124.6  | 6175.8  | 8225.5  | 11484.3 | 14743.2 | 17136.3 |
| 35°    | 1430.8  | 1503.6  | 1820.1  | 2136.7  | 3007.2  | 3877.7  | 5960.6  | 8043.5  | 11770.8 | 15498.2 | 18136.6 |
| 37.5°  | 1343.7  | 1400.7  | 1693.5  | 1986.3  | 2807.8  | 3629.2  | 5715.3  | 7801.3  | 12025.6 | 16250.0 | 19261.9 |
| 40°    | 1275.7  | 1324.8  | 1598.6  | 1872.4  | 2617.8  | 3363.3  | 5504.8  | 7644.6  | 12377.0 | 17109.4 | 20450.5 |
| 42.5°  | 1237.7  | 1301.0  | 1516.3  | 1729.9  | 2437.4  | 3144.9  | 5335.4  | 7525.9  | 12703.0 | 17878.6 | 21490.4 |
| 45°    | 1228.2  | 1318.4  | 1473.5  | 1628.6  | 2302.9  | 2977.1  | 5185.0  | 7391.4  | 12913.5 | 18435.7 | 22273.9 |
| 47.5°  | 1212.4  | 1286.8  | 1440.3  | 1593.8  | 2236.4  | 2877.4  | 5104.3  | 7329.7  | 13124.1 | 18916.9 | 22924.4 |
| 50°    | 1221.9  | 1231.4  | 1413.4  | 1593.8  | 2226.9  | 2860.0  | 5196.1  | 7532.2  | 13579.9 | 19625.9 | 23668.2 |
| 52.5°  | 1204.5  | 1163.3  | 1362.7  | 1562.2  | 2225.3  | 2888.5  | 5460.4  | 8032.4  | 14426.6 | 20819.3 | 24473.9 |
| 55°    | 1112.7  | 1058.9  | 1267.8  | 1476.7  | 2192.1  | 2905.9  | 5775.4  | 8643.3  | 15563.1 | 22481.2 | 25922.1 |
| 57.5°  | 1031.9  | 982.9   | 1160.1  | 1335.8  | 2090.8  | 2845.8  | 6099.9  | 9352.4  | 16764.3 | 24174.7 | 27553.9 |
| 60°    | 924.3   | 913.2   | 1039.9  | 1166.5  | 1934.1  | 2700.1  | 6367.3  | 10033.0 | 17571.5 | 25108.5 | 28182.2 |
| 62.5°  | 835.7   | 842.0   | 935.4   | 1028.8  | 1737.8  | 2445.3  | 6456.0  | 10465.1 | 17549.4 | 24633.7 | 27549.1 |
| 65°    | 767.6   | 778.7   | 870.5   | 962.3   | 1570.1  | 2177.8  | 6164.8  | 10150.1 | 16661.5 | 23171.3 | 26297.2 |
| 67.5°  | 701.2   | 713.8   | 823.0   | 930.6   | 1421.3  | 1910.4  | 5436.7  | 8961.5  | 15064.5 | 21165.9 | 24704.9 |
| 70°    | 637.8   | 653.7   | 772.4   | 891.1   | 1313.7  | 1734.7  | 4498.1  | 7261.6  | 13065.5 | 18867.8 | 22861.0 |
| 72.5°  | 569.8   | 585.6   | 712.2   | 838.9   | 1245.6  | 1650.8  | 3667.2  | 5682.0  | 10602.8 | 15521.9 | 19554.7 |
| 75°    | 500.1   | 511.2   | 648.9   | 785.0   | 1152.2  | 1519.4  | 2877.4  | 4233.8  | 8114.7  | 11995.6 | 14770.1 |
| 77.5°  | 430.5   | 444.7   | 560.3   | 674.2   | 978.1   | 1280.4  | 2168.3  | 3056.3  | 5954.3  | 8850.7  | 10272.0 |
| 80°    | 343.5   | 356.1   | 438.4   | 519.1   | 755.0   | 989.2   | 1490.9  | 1992.7  | 4097.7  | 6202.7  | 7003.6  |
| 82.5°  | 262.7   | 277.0   | 332.4   | 386.2   | 538.1   | 690.1   | 903.7   | 1117.4  | 2722.3  | 4325.6  | 4392.1  |
| 85°    | 180.4   | 185.2   | 224.7   | 262.7   | 332.4   | 402.0   | 517.6   | 633.1   | 1801.2  | 2969.2  | 2473.8  |
| 87.5°  | 90.2    | 90.2    | 117.1   | 144.0   | 178.8   | 213.7   | 273.8   | 332.4   | 576.1   | 819.9   | 471.7   |
| 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: P320812  
 CATALOG NUMBER: GLEON-SA8C-830-U-SLR

**CANDELA DISTRIBUTION (continued):**

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



REPORT NUMBER: P320812

CATALOG NUMBER: GLEON-SA8C-830-U-SLR

**CANDELA DISTRIBUTION (continued):**

|        | 275°    | 280°    | 285°    | 290°    | 295°    | 300°    | 305°    | 310°    | 315°    | 320°    | 325°    |
|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0°     | 12060.5 | 12060.5 | 12060.5 | 12060.5 | 12060.5 | 12060.5 | 12060.5 | 12060.5 | 12060.5 | 12060.5 | 12060.5 |
| 2.5°   | 13024.3 | 13139.9 | 13257.0 | 13345.6 | 13435.9 | 13565.6 | 13695.4 | 13719.2 | 13744.5 | 13693.8 | 13643.2 |
| 5°     | 13192.1 | 13541.9 | 13893.3 | 14217.7 | 14542.2 | 14736.9 | 14931.5 | 14971.1 | 15010.7 | 14888.8 | 14765.4 |
| 7.5°   | 12570.1 | 13179.4 | 13788.8 | 14347.5 | 14906.2 | 15244.9 | 15585.2 | 15661.2 | 15738.7 | 15539.3 | 15339.9 |
| 10°    | 11739.2 | 12487.8 | 13236.4 | 13972.4 | 14708.4 | 15200.6 | 15692.8 | 15791.0 | 15889.1 | 15640.6 | 15392.1 |
| 12.5°  | 11096.6 | 11895.8 | 12695.1 | 13470.7 | 14247.8 | 14757.4 | 15267.1 | 15388.9 | 15510.8 | 15330.4 | 15148.4 |
| 15°    | 10898.7 | 11650.5 | 12402.3 | 13078.2 | 13755.6 | 14171.8 | 14589.7 | 14638.7 | 14689.4 | 14660.9 | 14632.4 |
| 17.5°  | 11258.0 | 11937.0 | 12617.6 | 12984.8 | 13353.5 | 13519.7 | 13687.5 | 13741.3 | 13796.7 | 13867.9 | 13940.7 |
| 20°    | 12128.5 | 12606.5 | 13086.1 | 13070.2 | 13052.8 | 12972.1 | 12889.8 | 12875.6 | 12861.3 | 13065.5 | 13271.2 |
| 22.5°  | 13427.9 | 13617.9 | 13809.4 | 13364.6 | 12919.9 | 12649.2 | 12377.0 | 12323.2 | 12267.8 | 12484.6 | 12703.0 |
| 25°    | 14838.2 | 14803.3 | 14766.9 | 13920.2 | 13071.8 | 12555.9 | 12039.9 | 11979.7 | 11919.6 | 12104.8 | 12291.5 |
| 27.5°  | 16234.1 | 16006.2 | 15778.3 | 14627.7 | 13477.0 | 12728.4 | 11979.7 | 11919.6 | 11859.4 | 12024.1 | 12188.7 |
| 30°    | 17258.2 | 16892.5 | 16526.9 | 15224.3 | 13921.8 | 13032.3 | 12142.8 | 12044.6 | 11944.9 | 12147.5 | 12350.1 |
| 32.5°  | 18057.4 | 17566.8 | 17076.1 | 15708.7 | 14341.2 | 13378.9 | 12416.6 | 12263.0 | 12109.5 | 12380.2 | 12650.8 |
| 35°    | 18855.1 | 18165.1 | 17473.4 | 16140.7 | 14806.5 | 13788.8 | 12769.5 | 12581.2 | 12392.8 | 12764.8 | 13136.7 |
| 37.5°  | 19858.6 | 18867.8 | 17875.4 | 16626.6 | 15377.9 | 14402.9 | 13426.4 | 13233.3 | 13040.2 | 13513.4 | 13988.2 |
| 40°    | 20947.5 | 19625.9 | 18304.4 | 17158.4 | 16012.5 | 15252.8 | 14491.5 | 14307.9 | 14122.8 | 14698.9 | 15275.0 |
| 42.5°  | 21852.8 | 20331.8 | 18810.8 | 17799.5 | 16786.5 | 16251.5 | 15715.0 | 15713.4 | 15710.2 | 16294.3 | 16878.3 |
| 45°    | 22588.8 | 20920.6 | 19250.8 | 18424.6 | 17596.9 | 17318.3 | 17039.7 | 17262.9 | 17486.1 | 18013.1 | 18541.8 |
| 47.5°  | 23138.0 | 21414.4 | 19689.2 | 19140.0 | 18590.8 | 18632.0 | 18673.1 | 19127.4 | 19581.6 | 19920.3 | 20260.6 |
| 50°    | 23495.7 | 21862.3 | 20227.4 | 20058.0 | 19888.7 | 20257.4 | 20627.8 | 21148.5 | 21670.8 | 21901.9 | 22133.0 |
| 52.5°  | 24016.4 | 22470.1 | 20922.2 | 21112.1 | 21302.1 | 22055.4 | 22808.8 | 23335.9 | 23862.9 | 23948.4 | 24035.4 |
| 55°    | 25220.9 | 23587.5 | 21952.6 | 22316.6 | 22682.2 | 23787.0 | 24893.3 | 25304.8 | 25716.3 | 25748.0 | 25779.6 |
| 57.5°  | 26931.8 | 25152.9 | 23373.9 | 23766.4 | 24158.9 | 25434.6 | 26711.8 | 27155.0 | 27599.8 | 27538.0 | 27474.7 |
| 60°    | 28212.3 | 26639.0 | 25064.2 | 25459.9 | 25855.6 | 27099.6 | 28343.6 | 28853.3 | 29364.5 | 29228.4 | 29092.3 |
| 62.5°  | 28291.4 | 27451.0 | 26609.0 | 26966.7 | 27325.9 | 28544.7 | 29763.4 | 30287.2 | 30811.1 | 30573.7 | 30336.3 |
| 65°    | 27033.1 | 27409.8 | 27786.5 | 27905.2 | 28023.9 | 29160.3 | 30298.3 | 30698.8 | 31100.8 | 30980.5 | 30860.2 |
| 67.5°  | 25300.0 | 26688.1 | 28077.7 | 27838.8 | 27599.8 | 28133.1 | 28666.5 | 29079.6 | 29492.7 | 29424.7 | 29355.0 |
| 70°    | 23570.1 | 25423.5 | 27276.9 | 26102.5 | 24926.5 | 24706.5 | 24486.5 | 24931.3 | 25377.6 | 25102.2 | 24825.2 |
| 72.5°  | 20624.6 | 22599.9 | 24576.7 | 22413.1 | 20249.5 | 19497.7 | 18745.9 | 19311.0 | 19876.0 | 19437.6 | 18997.6 |
| 75°    | 16189.8 | 18372.4 | 20556.6 | 17975.1 | 15393.7 | 14390.2 | 13386.8 | 13872.7 | 14358.6 | 14057.9 | 13755.6 |
| 77.5°  | 12052.5 | 14203.5 | 16354.4 | 13730.2 | 11104.5 | 10359.0 | 9612.0  | 9756.0  | 9901.6  | 9851.0  | 9798.7  |
| 80°    | 8174.8  | 9673.7  | 11174.1 | 9426.8  | 7679.4  | 7736.4  | 7795.0  | 7726.9  | 7657.3  | 7758.6  | 7859.9  |
| 82.5°  | 5216.7  | 6373.7  | 7532.2  | 6604.8  | 5677.3  | 6209.1  | 6740.9  | 6479.7  | 6217.0  | 6313.5  | 6411.7  |
| 85°    | 2977.1  | 4108.8  | 5242.0  | 4885.9  | 4528.2  | 4838.4  | 5150.2  | 4745.0  | 4339.9  | 4517.1  | 4696.0  |
| 87.5°  | 785.0   | 2272.8  | 3762.2  | 3415.5  | 3068.9  | 2666.9  | 2264.9  | 1728.3  | 1191.8  | 1741.0  | 2290.2  |
| 90°    | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 92.5°  | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 95°    | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 97.5°  | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 100°   | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 102.5° | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 105°   | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 107.5° | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 110°   | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |



REPORT NUMBER: P320812  
 CATALOG NUMBER: GLEON-SA8C-830-U-SLR

**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  |

REPORT NUMBER: P320812

CATALOG NUMBER: GLEON-SA8C-830-U-SLR

**CANDELA DISTRIBUTION (continued):**

|        | 330°    | 335°    | 340°    | 345°    | 350°    | 355°    | 360°    |
|--------|---------|---------|---------|---------|---------|---------|---------|
| 0°     | 12060.5 | 12060.5 | 12060.5 | 12060.5 | 12060.5 | 12060.5 | 12060.5 |
| 2.5°   | 13616.3 | 13589.4 | 13492.8 | 13394.7 | 13249.1 | 13128.8 | 12919.9 |
| 5°     | 14594.4 | 14423.5 | 14129.1 | 13833.1 | 13503.9 | 13125.6 | 12706.2 |
| 7.5°   | 14941.0 | 14540.6 | 13975.6 | 13408.9 | 12899.3 | 12301.0 | 11743.9 |
| 10°    | 14793.8 | 14194.0 | 13459.6 | 12723.6 | 12104.8 | 11416.3 | 10797.4 |
| 12.5°  | 14512.1 | 13874.3 | 13065.5 | 12255.1 | 11550.8 | 10811.7 | 10118.4 |
| 15°    | 14124.3 | 13614.7 | 12856.6 | 12098.4 | 11389.4 | 10670.8 | 9849.4  |
| 17.5°  | 13700.2 | 13458.0 | 12910.4 | 12361.2 | 11747.1 | 11050.7 | 10086.8 |
| 20°    | 13358.3 | 13446.9 | 13228.5 | 13010.1 | 12517.9 | 11910.1 | 10827.5 |
| 22.5°  | 13127.2 | 13553.0 | 13720.7 | 13890.1 | 13594.1 | 13119.3 | 11867.4 |
| 25°    | 12997.4 | 13703.3 | 14265.2 | 14828.7 | 14697.3 | 14331.7 | 13130.4 |
| 27.5°  | 13054.4 | 13920.2 | 14792.3 | 15665.9 | 15787.8 | 15686.5 | 14461.5 |
| 30°    | 13225.3 | 14102.2 | 15164.2 | 16227.8 | 16713.7 | 16849.8 | 15571.0 |
| 32.5°  | 13510.2 | 14369.7 | 15526.6 | 16685.2 | 17419.6 | 17853.3 | 16585.5 |
| 35°    | 13940.7 | 14744.8 | 15950.8 | 17156.9 | 18106.5 | 18897.9 | 17633.3 |
| 37.5°  | 14679.9 | 15371.5 | 16484.2 | 17598.4 | 18829.8 | 20018.5 | 18787.1 |
| 40°    | 15762.5 | 16251.5 | 17191.7 | 18133.4 | 19682.9 | 21287.8 | 20073.8 |
| 42.5°  | 17128.4 | 17380.0 | 18125.5 | 18871.0 | 20574.0 | 22440.0 | 21332.1 |
| 45°    | 18608.2 | 18674.7 | 19143.2 | 19613.3 | 21279.9 | 23225.1 | 22277.0 |
| 47.5°  | 20032.7 | 19804.8 | 19991.5 | 20178.3 | 21821.2 | 23785.4 | 22994.0 |
| 50°    | 21498.3 | 20863.6 | 20765.5 | 20667.4 | 22362.5 | 24445.4 | 23905.7 |
| 52.5°  | 22989.3 | 21943.1 | 21555.3 | 21165.9 | 23008.2 | 25320.6 | 25040.5 |
| 55°    | 24448.5 | 23117.5 | 22595.1 | 22072.8 | 23995.9 | 26389.0 | 26707.1 |
| 57.5°  | 25966.4 | 24458.0 | 23973.7 | 23489.4 | 25447.2 | 27742.2 | 28202.8 |
| 60°    | 27599.8 | 26105.7 | 25717.9 | 25328.5 | 27251.6 | 29204.7 | 28869.1 |
| 62.5°  | 29149.3 | 27962.2 | 27758.0 | 27552.3 | 29076.5 | 30328.4 | 28609.5 |
| 65°    | 30184.4 | 29507.0 | 29696.9 | 29888.4 | 30456.6 | 30608.5 | 27849.8 |
| 67.5°  | 29492.7 | 29630.4 | 30432.9 | 31236.9 | 30846.0 | 29776.0 | 26352.6 |
| 70°    | 25649.8 | 26476.0 | 28376.9 | 30279.3 | 29412.0 | 27545.9 | 23665.1 |
| 72.5°  | 19925.1 | 20854.1 | 23676.2 | 26499.8 | 25700.5 | 23415.0 | 19437.6 |
| 75°    | 14803.3 | 15852.7 | 18967.5 | 22082.3 | 20972.8 | 17514.6 | 13917.0 |
| 77.5°  | 10501.5 | 11204.2 | 14279.5 | 17356.3 | 15547.2 | 11658.4 | 9365.1  |
| 80°    | 7644.6  | 7429.4  | 9143.5  | 10857.6 | 10556.9 | 7711.1  | 6014.4  |
| 82.5°  | 5886.2  | 5360.7  | 6167.9  | 6975.1  | 6930.8  | 5351.2  | 4412.7  |
| 85°    | 4485.5  | 4275.0  | 4988.8  | 5702.6  | 5091.7  | 3624.5  | 2804.6  |
| 87.5°  | 2614.7  | 2940.7  | 3781.2  | 4623.2  | 3469.4  | 1100.0  | 544.5   |
| 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: P320812  
 CATALOG NUMBER: GLEON-SA8C-830-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-79-2019: Approved Method: Electrical and Photometric Measurements of Solid-State Lighting Products

Report Prepared for

Cooper Lighting Solutions

MCGRAW EDISON

Report Number: SP1-2408-195-9

Test Date: 08/07/2024

Luminaire Tested: GALN-SB1A-830-U-5WQ

Data in this report applies to families of products including GALN-SB1A-830-U-5WQ.

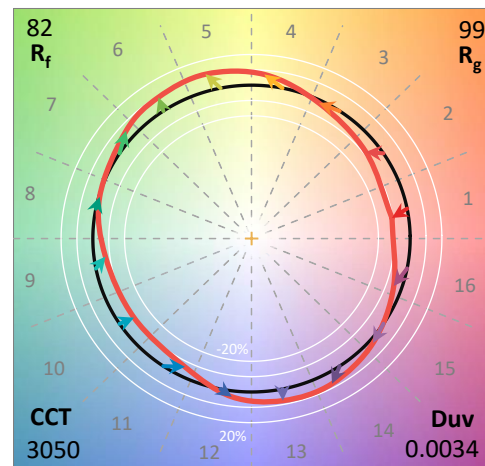
### Test Information

Test Method: LM-79-2019  
 Report Number: SP1-2408-195-9  
 Test Lab: COOPER LIGHTING SOLUTIONS  
 Photometer: SP1 - 76IN SPHERE  
 Measurement Geometry:  $4\pi$   
 Issue Date: 08/07/2024  
 Manufacturer: COOPER LIGHTING SOLUTIONS  
 Product Line: MCGRAW EDISON  
 Catalog Number: **GALN-SB1A-830-U-5WQ**  
 Description: GALLEON AREA AND ROADWAY LUMINAIRE. (1) 80 CRI, 3000K, 350MA HIGH DENSITY LIGHTSQUARE WITH 26 LEDS AND TYPE V WIDE OPTICS

### Spectral Parameters

CCT (K): 3050  
 CIE  $u'$ : 0.2476  
 CIE  $v'$ : 0.5251  
 Duv: 0.0034  
 CIE x: 0.4383  
 CIE y: 0.4131  
 CIE z: 0.1487  
 Peak Wavelength (nm): 603  
 Dominant Wavelength (nm): 581  
 Purity: 55.55201  
 Rf: 81.5  
 Rg: 99.2

CRI (Ra): 81.0  
 R1: 79.6  
 R2: 85.6  
 R3: 92.0  
 R4: 82.6  
 R5: 78.9  
 R6: 81.7  
 R7: 85.2  
 R8: 62.0  
 R9: 7.1  
 R10: 67.0  
 R11: 82.7  
 R12: 63.2  
 R13: 80.3  
 R14: 95.0  
 R15: 71.7



### Test Conditions

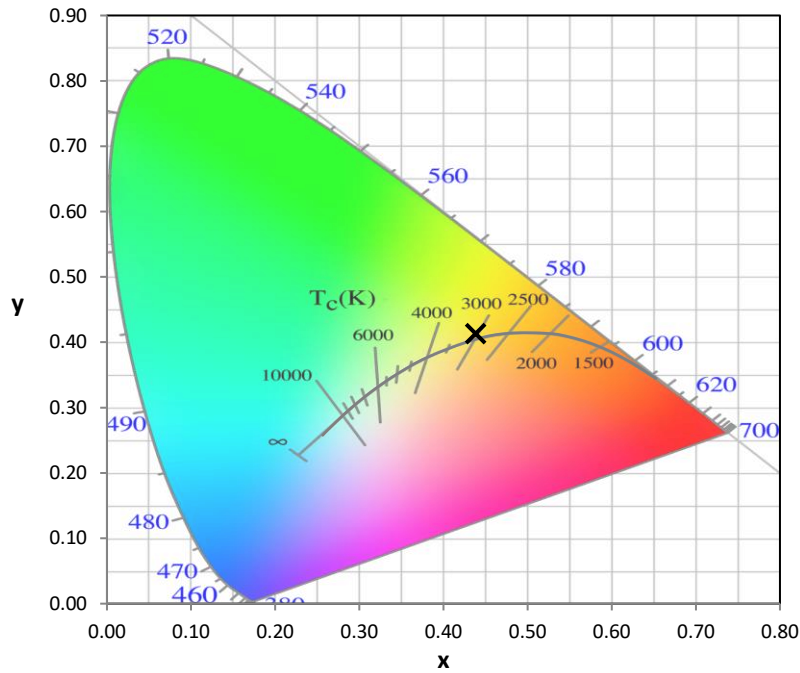
Stabilization Time: 20M  
 Operation Time: 1H 20M  
 Sphere Temperature (°C): 24.2

REPORT NUMBER: SP1-2408-195-9

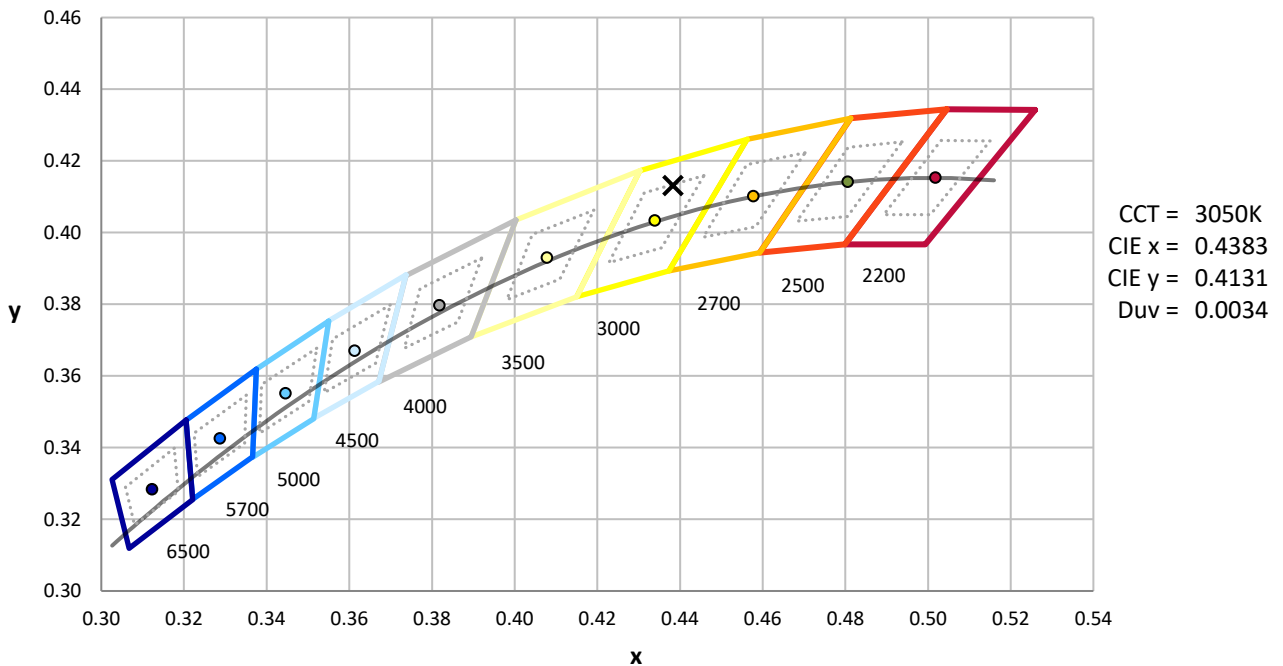
| Measurement and Test Equipment |                       |                  |                      |
|--------------------------------|-----------------------|------------------|----------------------|
| Instrument                     | Identification Number | Calibration Date | Calibration Due Date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

REPORT NUMBER: SP1-2408-195-9

**CIE 1931 Chromaticity Diagram**



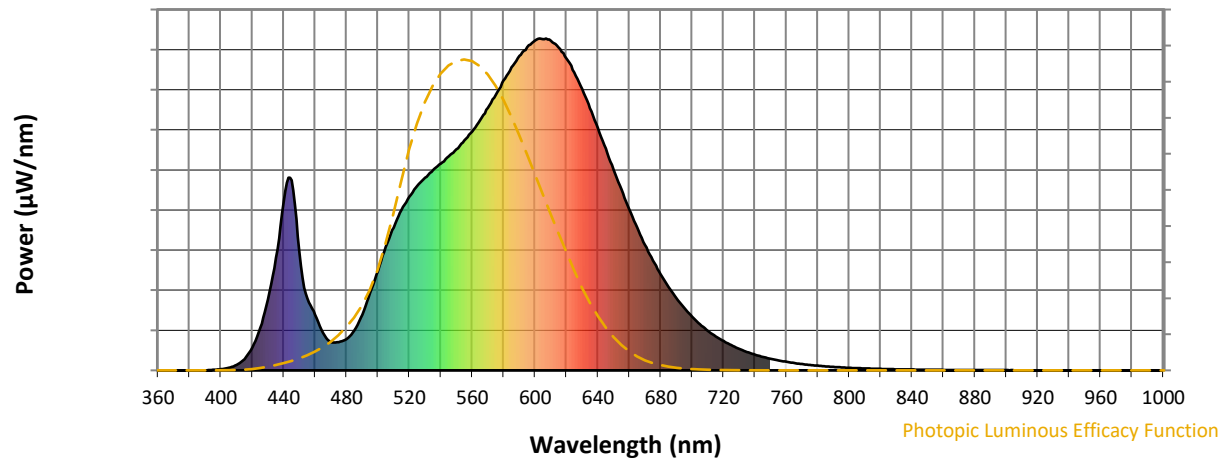
**CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles**



Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP1-2408-195-9

### Photopic Flux vs. Wavelength

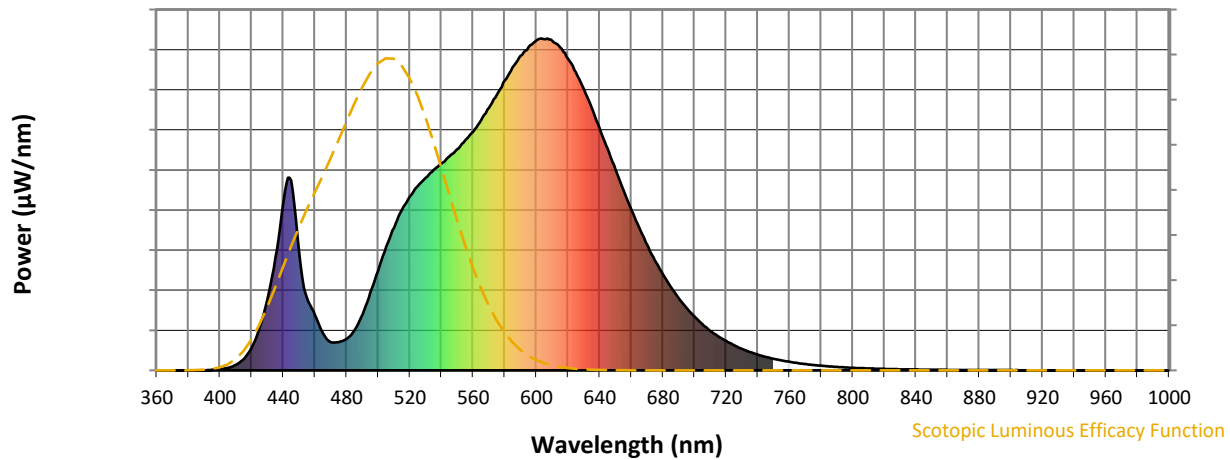


### Photopic Lumens: NR

| $\lambda$<br>(nm) | Power<br>$\text{W}^{\wedge}/\text{nm}$ | Lumens<br>( $\phi/\text{nm}$ ) | $\lambda$<br>(nm) | Power<br>$\text{W}^{\wedge}/\text{nm}$ | Lumens<br>( $\phi/\text{nm}$ ) | $\lambda$<br>(nm) | Power<br>$\text{W}^{\wedge}/\text{nm}$ | Lumens<br>( $\phi/\text{nm}$ ) | $\lambda$<br>(nm) | Power<br>$\text{W}^{\wedge}/\text{nm}$ | Lumens<br>( $\phi/\text{nm}$ ) | $\lambda$<br>(nm) | Power<br>$\text{W}^{\wedge}/\text{nm}$ | Lumens<br>( $\phi/\text{nm}$ ) |
|-------------------|----------------------------------------|--------------------------------|-------------------|----------------------------------------|--------------------------------|-------------------|----------------------------------------|--------------------------------|-------------------|----------------------------------------|--------------------------------|-------------------|----------------------------------------|--------------------------------|
| 360               | 0                                      | NR                             | 490               | 168                                    | NR                             | 620               | 940                                    | NR                             | 750               | 35                                     | NR                             | 880               | 1                                      | NR                             |
| 365               | 0                                      | NR                             | 495               | 233                                    | NR                             | 625               | 897                                    | NR                             | 755               | 30                                     | NR                             | 885               | 1                                      | NR                             |
| 370               | 0                                      | NR                             | 500               | 300                                    | NR                             | 630               | 847                                    | NR                             | 760               | 26                                     | NR                             | 890               | 1                                      | NR                             |
| 375               | 0                                      | NR                             | 505               | 372                                    | NR                             | 635               | 790                                    | NR                             | 765               | 22                                     | NR                             | 895               | 1                                      | NR                             |
| 380               | 0                                      | NR                             | 510               | 430                                    | NR                             | 640               | 730                                    | NR                             | 770               | 19                                     | NR                             | 900               | 1                                      | NR                             |
| 385               | 0                                      | NR                             | 515               | 483                                    | NR                             | 645               | 668                                    | NR                             | 775               | 16                                     | NR                             | 905               | 1                                      | NR                             |
| 390               | 0                                      | NR                             | 520               | 524                                    | NR                             | 650               | 605                                    | NR                             | 780               | 14                                     | NR                             | 910               | 0                                      | NR                             |
| 395               | 2                                      | NR                             | 525               | 555                                    | NR                             | 655               | 545                                    | NR                             | 785               | 12                                     | NR                             | 915               | 0                                      | NR                             |
| 400               | 4                                      | NR                             | 530               | 581                                    | NR                             | 660               | 485                                    | NR                             | 790               | 10                                     | NR                             | 920               | 0                                      | NR                             |
| 405               | 7                                      | NR                             | 535               | 604                                    | NR                             | 665               | 430                                    | NR                             | 795               | 9                                      | NR                             | 925               | 0                                      | NR                             |
| 410               | 17                                     | NR                             | 540               | 623                                    | NR                             | 670               | 378                                    | NR                             | 800               | 8                                      | NR                             | 930               | 0                                      | NR                             |
| 415               | 34                                     | NR                             | 545               | 645                                    | NR                             | 675               | 331                                    | NR                             | 805               | 7                                      | NR                             | 935               | 0                                      | NR                             |
| 420               | 68                                     | NR                             | 550               | 667                                    | NR                             | 680               | 290                                    | NR                             | 810               | 6                                      | NR                             | 940               | 0                                      | NR                             |
| 425               | 128                                    | NR                             | 555               | 693                                    | NR                             | 685               | 251                                    | NR                             | 815               | 5                                      | NR                             | 945               | 0                                      | NR                             |
| 430               | 214                                    | NR                             | 560               | 719                                    | NR                             | 690               | 218                                    | NR                             | 820               | 4                                      | NR                             | 950               | 0                                      | NR                             |
| 435               | 339                                    | NR                             | 565               | 754                                    | NR                             | 695               | 188                                    | NR                             | 825               | 4                                      | NR                             | 955               | 0                                      | NR                             |
| 440               | 507                                    | NR                             | 570               | 791                                    | NR                             | 700               | 162                                    | NR                             | 830               | 3                                      | NR                             | 960               | 0                                      | NR                             |
| 445               | 573                                    | NR                             | 575               | 830                                    | NR                             | 705               | 139                                    | NR                             | 835               | 3                                      | NR                             | 965               | 0                                      | NR                             |
| 450               | 356                                    | NR                             | 580               | 873                                    | NR                             | 710               | 119                                    | NR                             | 840               | 3                                      | NR                             | 970               | 0                                      | NR                             |
| 455               | 217                                    | NR                             | 585               | 913                                    | NR                             | 715               | 102                                    | NR                             | 845               | 2                                      | NR                             | 975               | 0                                      | NR                             |
| 460               | 168                                    | NR                             | 590               | 948                                    | NR                             | 720               | 88                                     | NR                             | 850               | 2                                      | NR                             | 980               | 0                                      | NR                             |
| 465               | 113                                    | NR                             | 595               | 974                                    | NR                             | 725               | 76                                     | NR                             | 855               | 2                                      | NR                             | 985               | 0                                      | NR                             |
| 470               | 85                                     | NR                             | 600               | 994                                    | NR                             | 730               | 65                                     | NR                             | 860               | 1                                      | NR                             | 990               | 0                                      | NR                             |
| 475               | 85                                     | NR                             | 605               | 998                                    | NR                             | 735               | 55                                     | NR                             | 865               | 1                                      | NR                             | 995               | 0                                      | NR                             |
| 480               | 94                                     | NR                             | 610               | 994                                    | NR                             | 740               | 47                                     | NR                             | 870               | 1                                      | NR                             | 1000              | 0                                      | NR                             |
| 485               | 120                                    | NR                             | 615               | 973                                    | NR                             | 745               | 41                                     | NR                             | 875               | 1                                      | NR                             |                   |                                        |                                |

REPORT NUMBER: SP1-2408-195-9

### Scotopic Flux vs. Wavelength



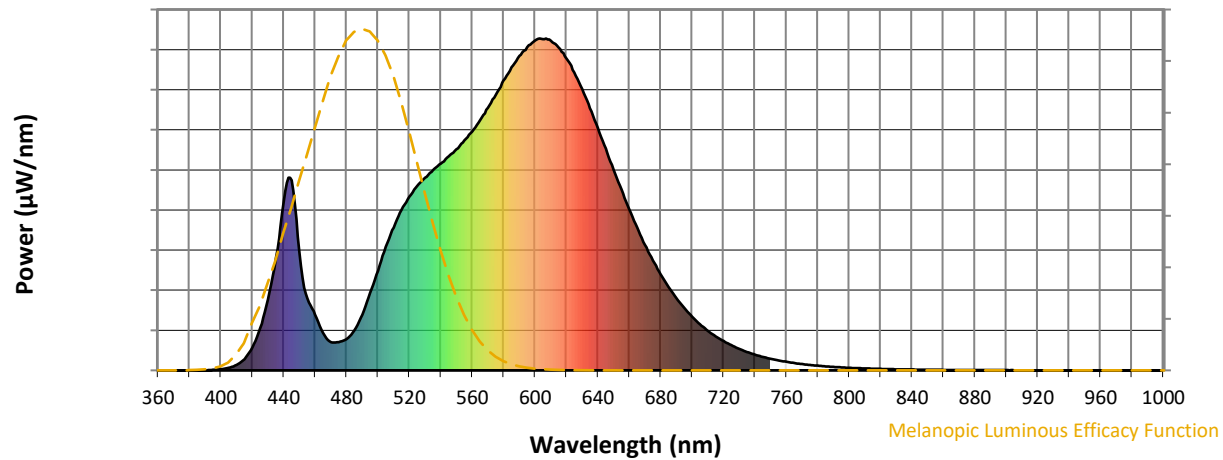
Scotopic Lumens: NR

S/P: 1.27

| λ (nm) | Power W <sup>^</sup> /nm | Lumens (φ/nm) | λ (nm) | Power W <sup>^</sup> /nm | Lumens (φ/nm) | λ (nm) | Power W <sup>^</sup> /nm | Lumens (φ/nm) | λ (nm) | Power W <sup>^</sup> /nm | Lumens (φ/nm) | λ (nm) | Power W <sup>^</sup> /nm | Lumens (φ/nm) |
|--------|--------------------------|---------------|--------|--------------------------|---------------|--------|--------------------------|---------------|--------|--------------------------|---------------|--------|--------------------------|---------------|
| 360    | 0                        | NR            | 490    | 168                      | NR            | 620    | 940                      | NR            | 750    | 35                       | NR            | 880    | 1                        | NR            |
| 365    | 0                        | NR            | 495    | 233                      | NR            | 625    | 897                      | NR            | 755    | 30                       | NR            | 885    | 1                        | NR            |
| 370    | 0                        | NR            | 500    | 300                      | NR            | 630    | 847                      | NR            | 760    | 26                       | NR            | 890    | 1                        | NR            |
| 375    | 0                        | NR            | 505    | 372                      | NR            | 635    | 790                      | NR            | 765    | 22                       | NR            | 895    | 1                        | NR            |
| 380    | 0                        | NR            | 510    | 430                      | NR            | 640    | 730                      | NR            | 770    | 19                       | NR            | 900    | 1                        | NR            |
| 385    | 0                        | NR            | 515    | 483                      | NR            | 645    | 668                      | NR            | 775    | 16                       | NR            | 905    | 1                        | NR            |
| 390    | 0                        | NR            | 520    | 524                      | NR            | 650    | 605                      | NR            | 780    | 14                       | NR            | 910    | 0                        | NR            |
| 395    | 2                        | NR            | 525    | 555                      | NR            | 655    | 545                      | NR            | 785    | 12                       | NR            | 915    | 0                        | NR            |
| 400    | 4                        | NR            | 530    | 581                      | NR            | 660    | 485                      | NR            | 790    | 10                       | NR            | 920    | 0                        | NR            |
| 405    | 7                        | NR            | 535    | 604                      | NR            | 665    | 430                      | NR            | 795    | 9                        | NR            | 925    | 0                        | NR            |
| 410    | 17                       | NR            | 540    | 623                      | NR            | 670    | 378                      | NR            | 800    | 8                        | NR            | 930    | 0                        | NR            |
| 415    | 34                       | NR            | 545    | 645                      | NR            | 675    | 331                      | NR            | 805    | 7                        | NR            | 935    | 0                        | NR            |
| 420    | 68                       | NR            | 550    | 667                      | NR            | 680    | 290                      | NR            | 810    | 6                        | NR            | 940    | 0                        | NR            |
| 425    | 128                      | NR            | 555    | 693                      | NR            | 685    | 251                      | NR            | 815    | 5                        | NR            | 945    | 0                        | NR            |
| 430    | 214                      | NR            | 560    | 719                      | NR            | 690    | 218                      | NR            | 820    | 4                        | NR            | 950    | 0                        | NR            |
| 435    | 339                      | NR            | 565    | 754                      | NR            | 695    | 188                      | NR            | 825    | 4                        | NR            | 955    | 0                        | NR            |
| 440    | 507                      | NR            | 570    | 791                      | NR            | 700    | 162                      | NR            | 830    | 3                        | NR            | 960    | 0                        | NR            |
| 445    | 573                      | NR            | 575    | 830                      | NR            | 705    | 139                      | NR            | 835    | 3                        | NR            | 965    | 0                        | NR            |
| 450    | 356                      | NR            | 580    | 873                      | NR            | 710    | 119                      | NR            | 840    | 3                        | NR            | 970    | 0                        | NR            |
| 455    | 217                      | NR            | 585    | 913                      | NR            | 715    | 102                      | NR            | 845    | 2                        | NR            | 975    | 0                        | NR            |
| 460    | 168                      | NR            | 590    | 948                      | NR            | 720    | 88                       | NR            | 850    | 2                        | NR            | 980    | 0                        | NR            |
| 465    | 113                      | NR            | 595    | 974                      | NR            | 725    | 76                       | NR            | 855    | 2                        | NR            | 985    | 0                        | NR            |
| 470    | 85                       | NR            | 600    | 994                      | NR            | 730    | 65                       | NR            | 860    | 1                        | NR            | 990    | 0                        | NR            |
| 475    | 85                       | NR            | 605    | 998                      | NR            | 735    | 55                       | NR            | 865    | 1                        | NR            | 995    | 0                        | NR            |
| 480    | 94                       | NR            | 610    | 994                      | NR            | 740    | 47                       | NR            | 870    | 1                        | NR            | 1000   | 0                        | NR            |
| 485    | 120                      | NR            | 615    | 973                      | NR            | 745    | 41                       | NR            | 875    | 1                        | NR            |        |                          |               |

REPORT NUMBER: SP1-2408-195-9

### Melanopic Flux vs. Wavelength


**Melanopic Lumens: NR**
**M/P: 2.32**

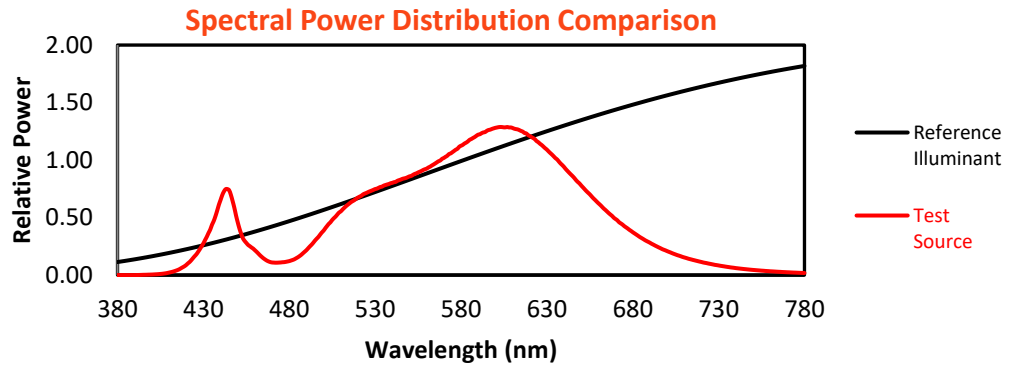
| $\lambda$<br>(nm) | Power<br>$\text{W}^\wedge/\text{nm}$ | Lumens<br>( $\phi/\text{nm}$ ) | $\lambda$<br>(nm) | Power<br>$\text{W}^\wedge/\text{nm}$ | Lumens<br>( $\phi/\text{nm}$ ) | $\lambda$<br>(nm) | Power<br>$\text{W}^\wedge/\text{nm}$ | Lumens<br>( $\phi/\text{nm}$ ) | $\lambda$<br>(nm) | Power<br>$\text{W}^\wedge/\text{nm}$ | Lumens<br>( $\phi/\text{nm}$ ) | $\lambda$<br>(nm) | Power<br>$\text{W}^\wedge/\text{nm}$ | Lumens<br>( $\phi/\text{nm}$ ) |
|-------------------|--------------------------------------|--------------------------------|-------------------|--------------------------------------|--------------------------------|-------------------|--------------------------------------|--------------------------------|-------------------|--------------------------------------|--------------------------------|-------------------|--------------------------------------|--------------------------------|
| 360               | 0                                    | NR                             | 490               | 168                                  | NR                             | 620               | 940                                  | NR                             | 750               | 35                                   | NR                             | 880               | 1                                    | NR                             |
| 365               | 0                                    | NR                             | 495               | 233                                  | NR                             | 625               | 897                                  | NR                             | 755               | 30                                   | NR                             | 885               | 1                                    | NR                             |
| 370               | 0                                    | NR                             | 500               | 300                                  | NR                             | 630               | 847                                  | NR                             | 760               | 26                                   | NR                             | 890               | 1                                    | NR                             |
| 375               | 0                                    | NR                             | 505               | 372                                  | NR                             | 635               | 790                                  | NR                             | 765               | 22                                   | NR                             | 895               | 1                                    | NR                             |
| 380               | 0                                    | NR                             | 510               | 430                                  | NR                             | 640               | 730                                  | NR                             | 770               | 19                                   | NR                             | 900               | 1                                    | NR                             |
| 385               | 0                                    | NR                             | 515               | 483                                  | NR                             | 645               | 668                                  | NR                             | 775               | 16                                   | NR                             | 905               | 1                                    | NR                             |
| 390               | 0                                    | NR                             | 520               | 524                                  | NR                             | 650               | 605                                  | NR                             | 780               | 14                                   | NR                             | 910               | 0                                    | NR                             |
| 395               | 2                                    | NR                             | 525               | 555                                  | NR                             | 655               | 545                                  | NR                             | 785               | 12                                   | NR                             | 915               | 0                                    | NR                             |
| 400               | 4                                    | NR                             | 530               | 581                                  | NR                             | 660               | 485                                  | NR                             | 790               | 10                                   | NR                             | 920               | 0                                    | NR                             |
| 405               | 7                                    | NR                             | 535               | 604                                  | NR                             | 665               | 430                                  | NR                             | 795               | 9                                    | NR                             | 925               | 0                                    | NR                             |
| 410               | 17                                   | NR                             | 540               | 623                                  | NR                             | 670               | 378                                  | NR                             | 800               | 8                                    | NR                             | 930               | 0                                    | NR                             |
| 415               | 34                                   | NR                             | 545               | 645                                  | NR                             | 675               | 331                                  | NR                             | 805               | 7                                    | NR                             | 935               | 0                                    | NR                             |
| 420               | 68                                   | NR                             | 550               | 667                                  | NR                             | 680               | 290                                  | NR                             | 810               | 6                                    | NR                             | 940               | 0                                    | NR                             |
| 425               | 128                                  | NR                             | 555               | 693                                  | NR                             | 685               | 251                                  | NR                             | 815               | 5                                    | NR                             | 945               | 0                                    | NR                             |
| 430               | 214                                  | NR                             | 560               | 719                                  | NR                             | 690               | 218                                  | NR                             | 820               | 4                                    | NR                             | 950               | 0                                    | NR                             |
| 435               | 339                                  | NR                             | 565               | 754                                  | NR                             | 695               | 188                                  | NR                             | 825               | 4                                    | NR                             | 955               | 0                                    | NR                             |
| 440               | 507                                  | NR                             | 570               | 791                                  | NR                             | 700               | 162                                  | NR                             | 830               | 3                                    | NR                             | 960               | 0                                    | NR                             |
| 445               | 573                                  | NR                             | 575               | 830                                  | NR                             | 705               | 139                                  | NR                             | 835               | 3                                    | NR                             | 965               | 0                                    | NR                             |
| 450               | 356                                  | NR                             | 580               | 873                                  | NR                             | 710               | 119                                  | NR                             | 840               | 3                                    | NR                             | 970               | 0                                    | NR                             |
| 455               | 217                                  | NR                             | 585               | 913                                  | NR                             | 715               | 102                                  | NR                             | 845               | 2                                    | NR                             | 975               | 0                                    | NR                             |
| 460               | 168                                  | NR                             | 590               | 948                                  | NR                             | 720               | 88                                   | NR                             | 850               | 2                                    | NR                             | 980               | 0                                    | NR                             |
| 465               | 113                                  | NR                             | 595               | 974                                  | NR                             | 725               | 76                                   | NR                             | 855               | 2                                    | NR                             | 985               | 0                                    | NR                             |
| 470               | 85                                   | NR                             | 600               | 994                                  | NR                             | 730               | 65                                   | NR                             | 860               | 1                                    | NR                             | 990               | 0                                    | NR                             |
| 475               | 85                                   | NR                             | 605               | 998                                  | NR                             | 735               | 55                                   | NR                             | 865               | 1                                    | NR                             | 995               | 0                                    | NR                             |
| 480               | 94                                   | NR                             | 610               | 994                                  | NR                             | 740               | 47                                   | NR                             | 870               | 1                                    | NR                             | 1000              | 0                                    | NR                             |
| 485               | 120                                  | NR                             | 615               | 973                                  | NR                             | 745               | 41                                   | NR                             | 875               | 1                                    | NR                             |                   |                                      |                                |

REPORT NUMBER: SP1-2408-195-9

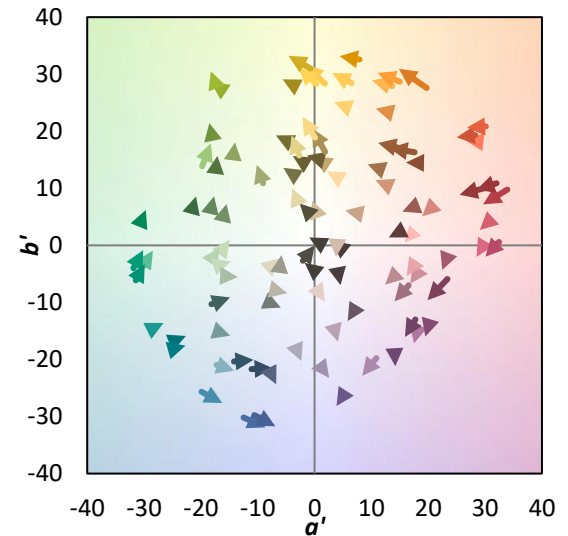
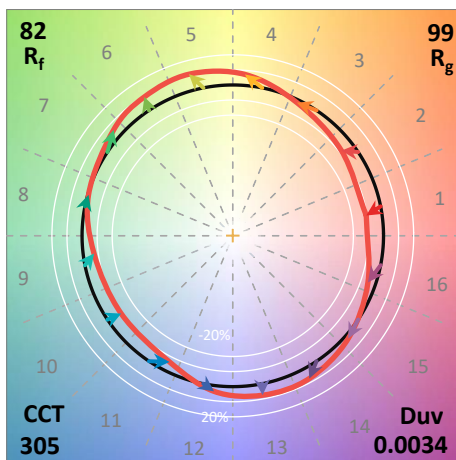
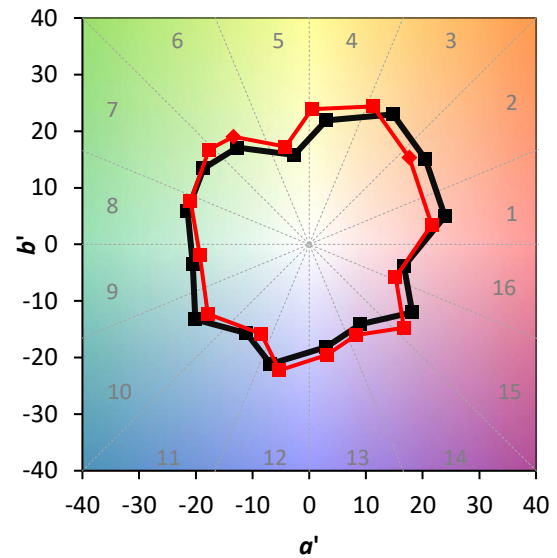
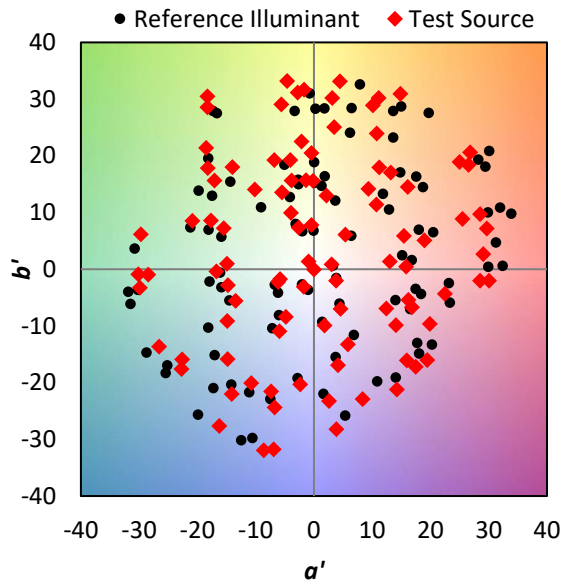
TM-30-18

### Summary

$R_f = 81.5$   
 $R_g = 99.2$   
 $CIE\ R_a = 81.0$   
 $R_9 = 7.1$

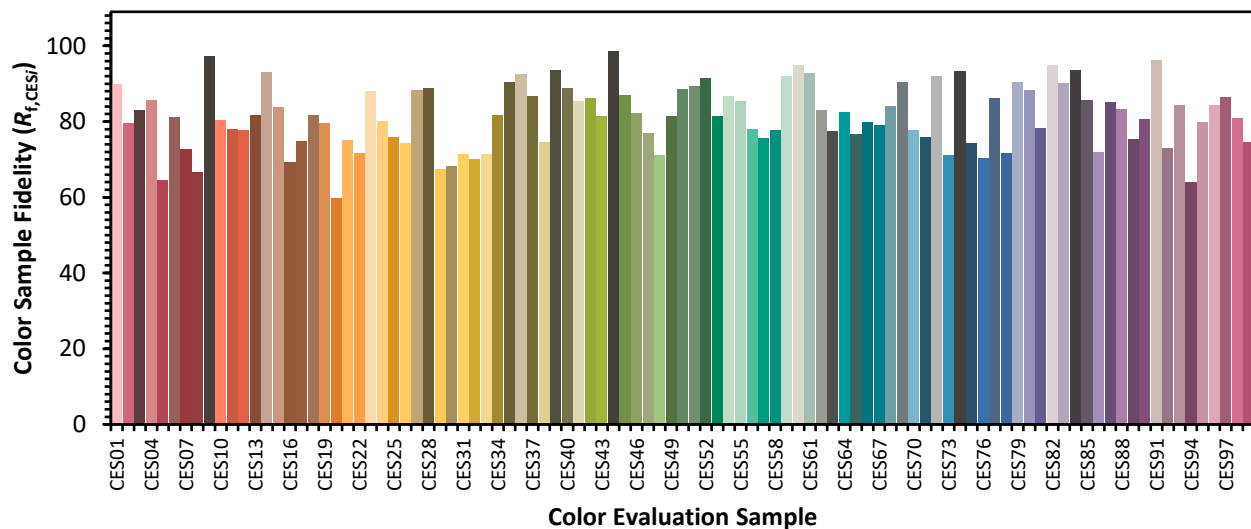


### Color Vector Graphics

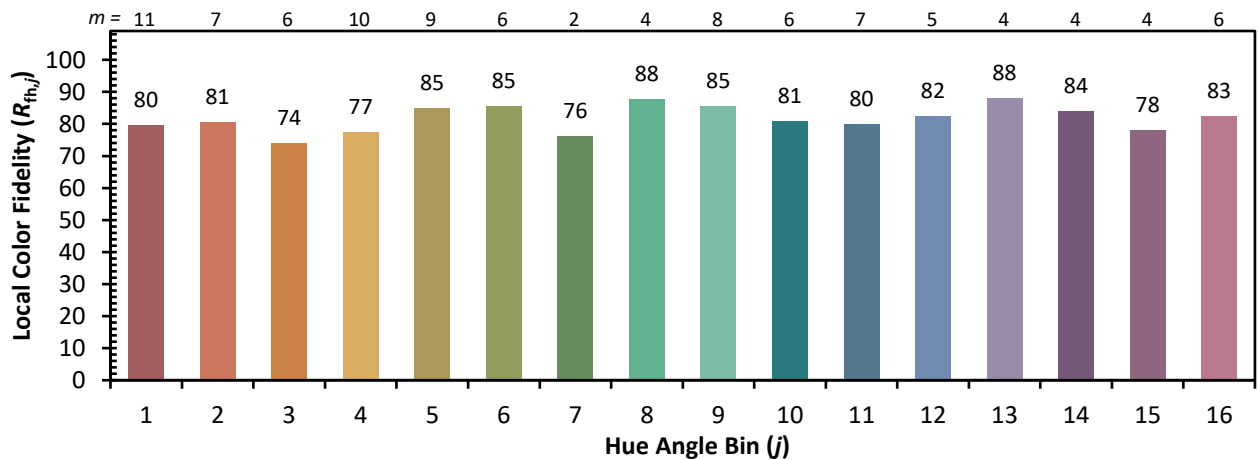
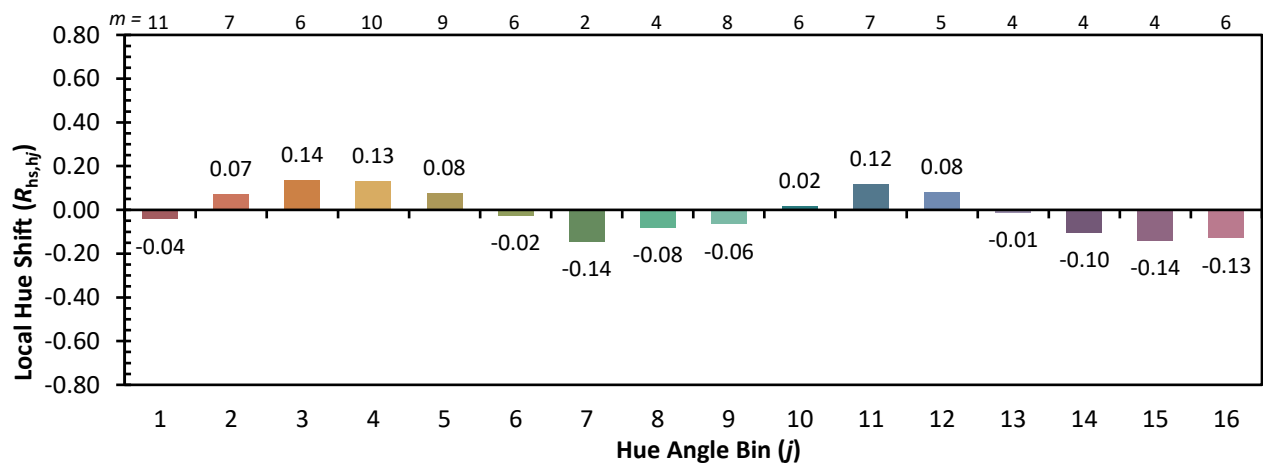
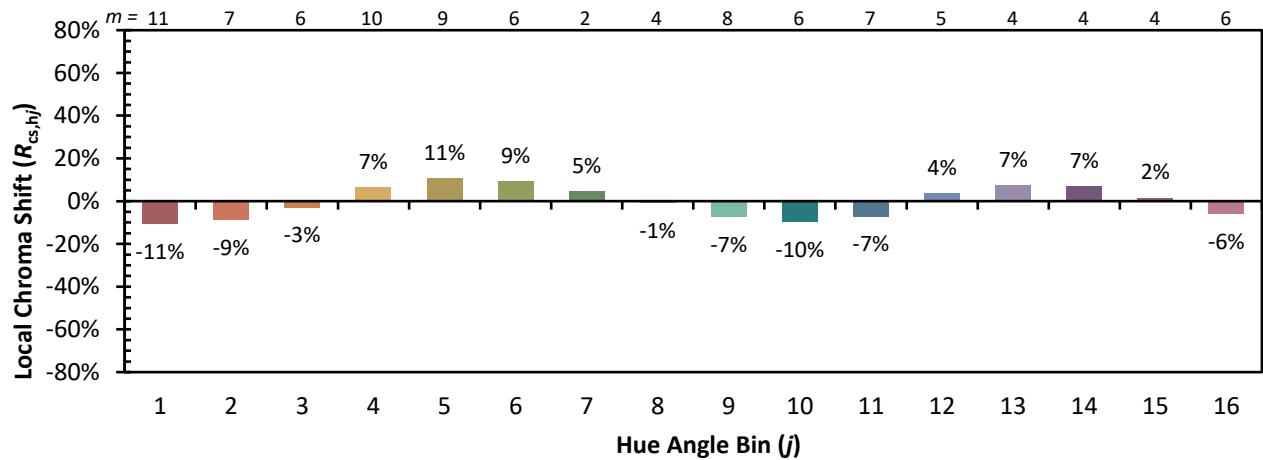


**Individual Sample Fidelity Index ( $R_{f,i}$ )**

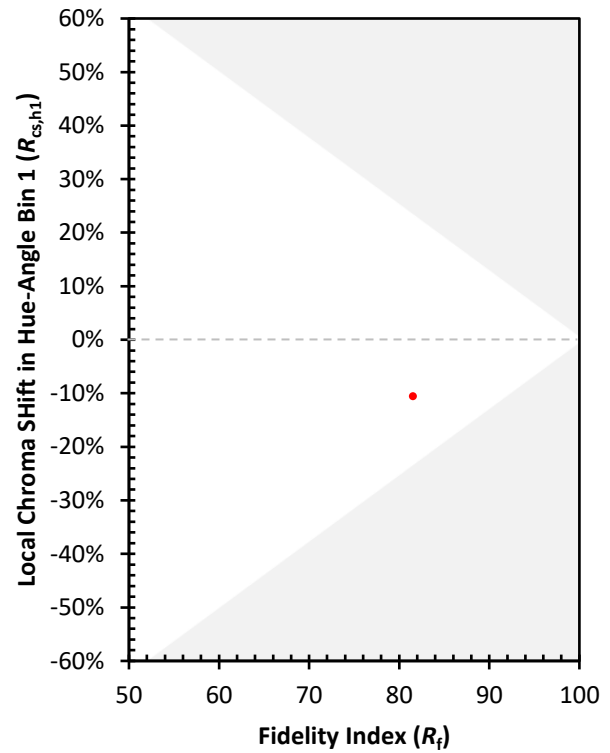
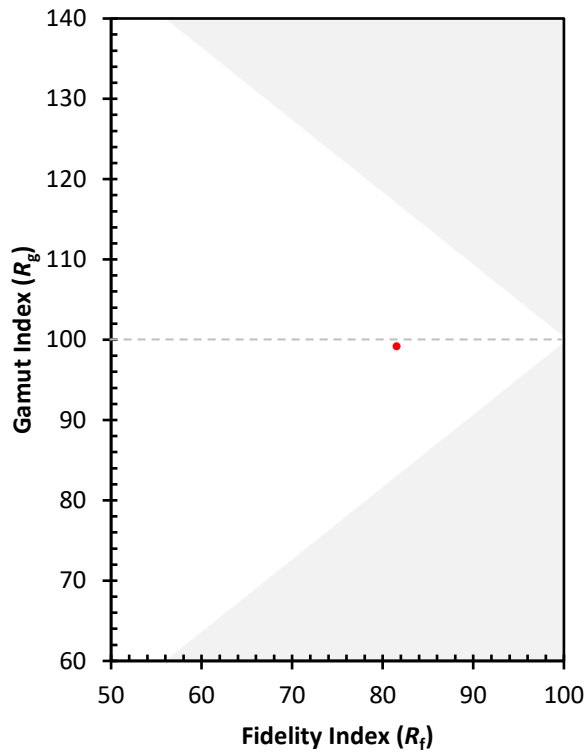
|            |            |            |            |
|------------|------------|------------|------------|
| CES01 = 86 | CES26 = 74 | CES51 = 89 | CES76 = 70 |
| CES02 = 63 | CES27 = 88 | CES52 = 92 | CES77 = 86 |
| CES03 = 31 | CES28 = 89 | CES53 = 81 | CES78 = 72 |
| CES04 = 70 | CES29 = 67 | CES54 = 87 | CES79 = 90 |
| CES05 = 50 | CES30 = 68 | CES55 = 85 | CES80 = 88 |
| CES06 = 51 | CES31 = 71 | CES56 = 78 | CES81 = 78 |
| CES07 = 42 | CES32 = 70 | CES57 = 76 | CES82 = 95 |
| CES08 = 41 | CES33 = 71 | CES58 = 78 | CES83 = 90 |
| CES09 = 29 | CES34 = 82 | CES59 = 92 | CES84 = 94 |
| CES10 = 76 | CES35 = 90 | CES60 = 95 | CES85 = 86 |
| CES11 = 59 | CES36 = 93 | CES61 = 93 | CES86 = 72 |
| CES12 = 65 | CES37 = 87 | CES62 = 83 | CES87 = 85 |
| CES13 = 43 | CES38 = 75 | CES63 = 77 | CES88 = 83 |
| CES14 = 74 | CES39 = 94 | CES64 = 83 | CES89 = 75 |
| CES15 = 71 | CES40 = 89 | CES65 = 77 | CES90 = 81 |
| CES16 = 47 | CES41 = 85 | CES66 = 80 | CES91 = 96 |
| CES17 = 50 | CES42 = 86 | CES67 = 79 | CES92 = 73 |
| CES18 = 56 | CES43 = 81 | CES68 = 84 | CES93 = 84 |
| CES19 = 72 | CES44 = 99 | CES69 = 91 | CES94 = 64 |
| CES20 = 66 | CES45 = 87 | CES70 = 78 | CES95 = 80 |
| CES21 = 87 | CES46 = 82 | CES71 = 76 | CES96 = 84 |
| CES22 = 79 | CES47 = 77 | CES72 = 92 | CES97 = 87 |
| CES23 = 92 | CES48 = 71 | CES73 = 71 | CES98 = 81 |
| CES24 = 91 | CES49 = 81 | CES74 = 93 | CES99 = 74 |
| CES25 = 72 | CES50 = 89 | CES75 = 74 |            |



Color Rendition by Hue-Angle Bin



**Measure Comparisons**



(END OF REPORT)