

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: P320804

Luminaire Tested: **GLEON-SA0B-830-U-SLR**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P320804  
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-SA0B-830-U-SLR  
Description: GALLEON AREA AND ROADWAY LUMINAIRE  
(10) 80 CRI, 3000K, 800mA 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: 39500 lumens  
Efficiency: N/A  
Efficacy: 94.3 lumens/watt  
Luminous Opening: Rectangular (W 2.5' x L: 1' x H: 0')  
IES Classification: Type IV - Medium  
BUG Rating: B3 - U0 - G5

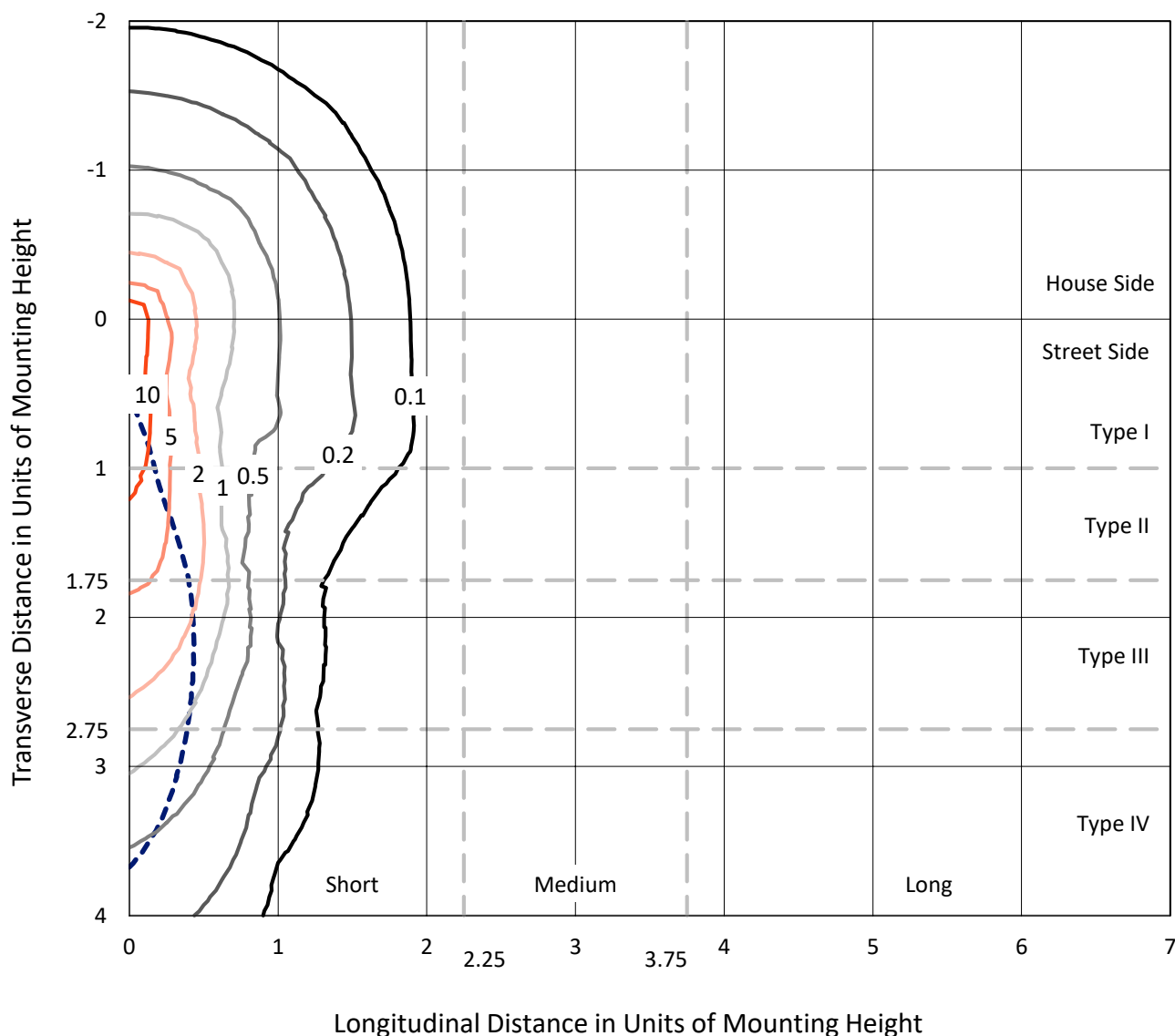
Input Watts (W): 419  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT



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## Iso-Footcandle Lines of Horizontal Illumination

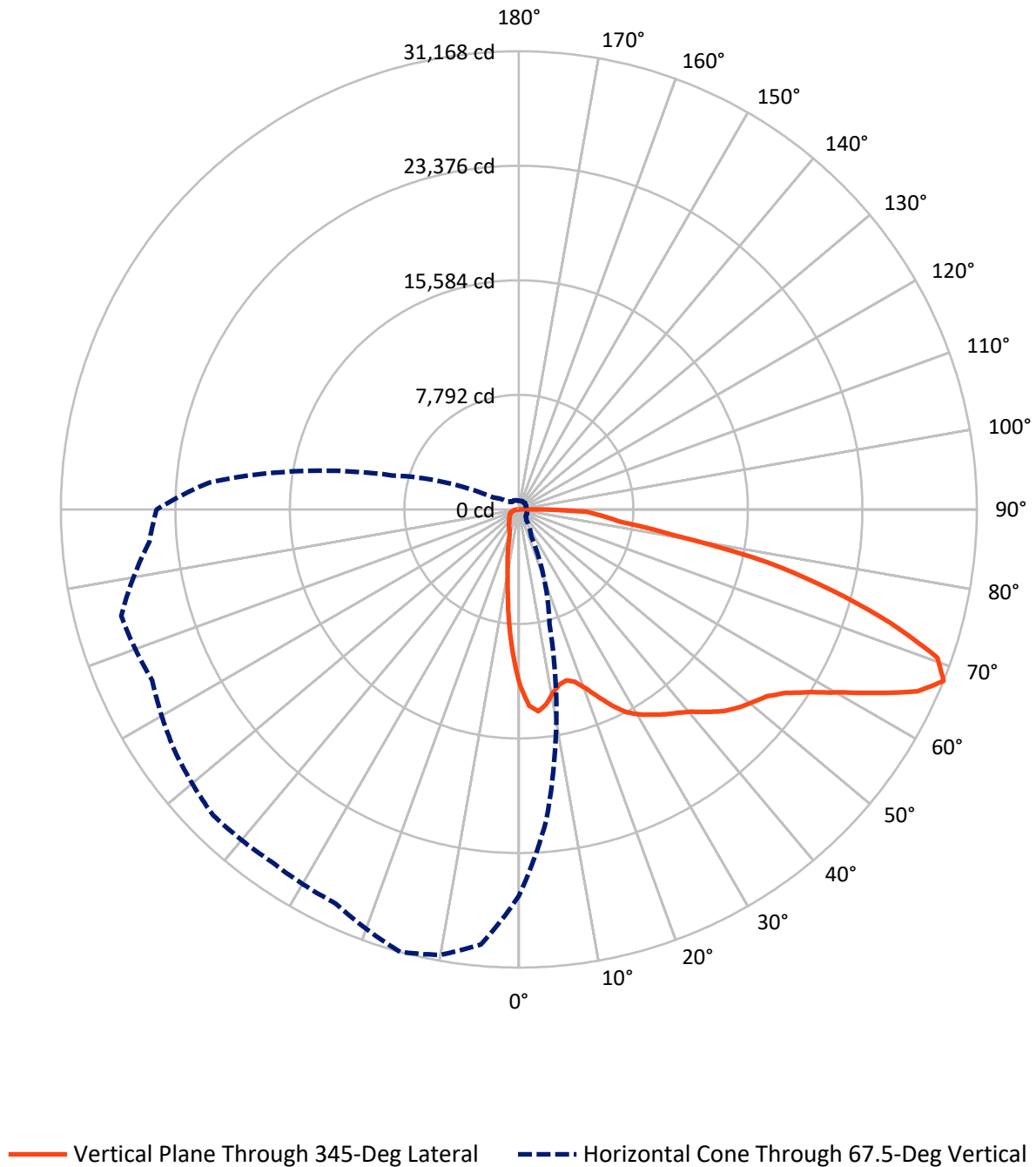
× Max cd  
 - - - 1/2 Max cd



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

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## Luminous Intensity Polar Plot



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**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total   |
|--------------------|-----------|----------|--------|---------|
| <b>House Side</b>  | Lumens    | 6828.7   | 0.0    | 6828.7  |
|                    | % Fixture | 17.3     | 0.0    | 17.3    |
| <b>Street Side</b> | Lumens    | 32671.3  | 0.0    | 32671.3 |
|                    | % Fixture | 82.7     | 0.0    | 82.7    |
| <b>Total</b>       | Lumens    | 39500.0  | 0.0    | 39500.0 |
|                    | % Fixture | 100.0    | 0.0    | 100.0   |

**ZONAL LUMENS:**

| Zone      | Lumens  | % Fixture |
|-----------|---------|-----------|
| 0°-10°    | 928.7   | 2.4       |
| 10°-20°   | 1929.4  | 4.9       |
| 20°-30°   | 2744.0  | 6.9       |
| 30°-40°   | 3954.1  | 10.0      |
| 40°-50°   | 5572.4  | 14.1      |
| 50°-60°   | 7746.7  | 19.6      |
| 60°-70°   | 9368.0  | 23.7      |
| 70°-80°   | 5758.3  | 14.6      |
| 80°-90°   | 1498.4  | 3.8       |
| 90°-100°  | 0.0     | 0.0       |
| 100°-110° | 0.0     | 0.0       |
| 110°-120° | 0.0     | 0.0       |
| 120°-130° | 0.0     | 0.0       |
| 130°-140° | 0.0     | 0.0       |
| 140°-150° | 0.0     | 0.0       |
| 150°-160° | 0.0     | 0.0       |
| 160°-170° | 0.0     | 0.0       |
| 170°-180° | 0.0     | 0.0       |
| 0°-90°    | 39500.0 | 100.0     |
| 0°-180°   | 39500.0 | 100.0     |

**Coefficient of Utilization**



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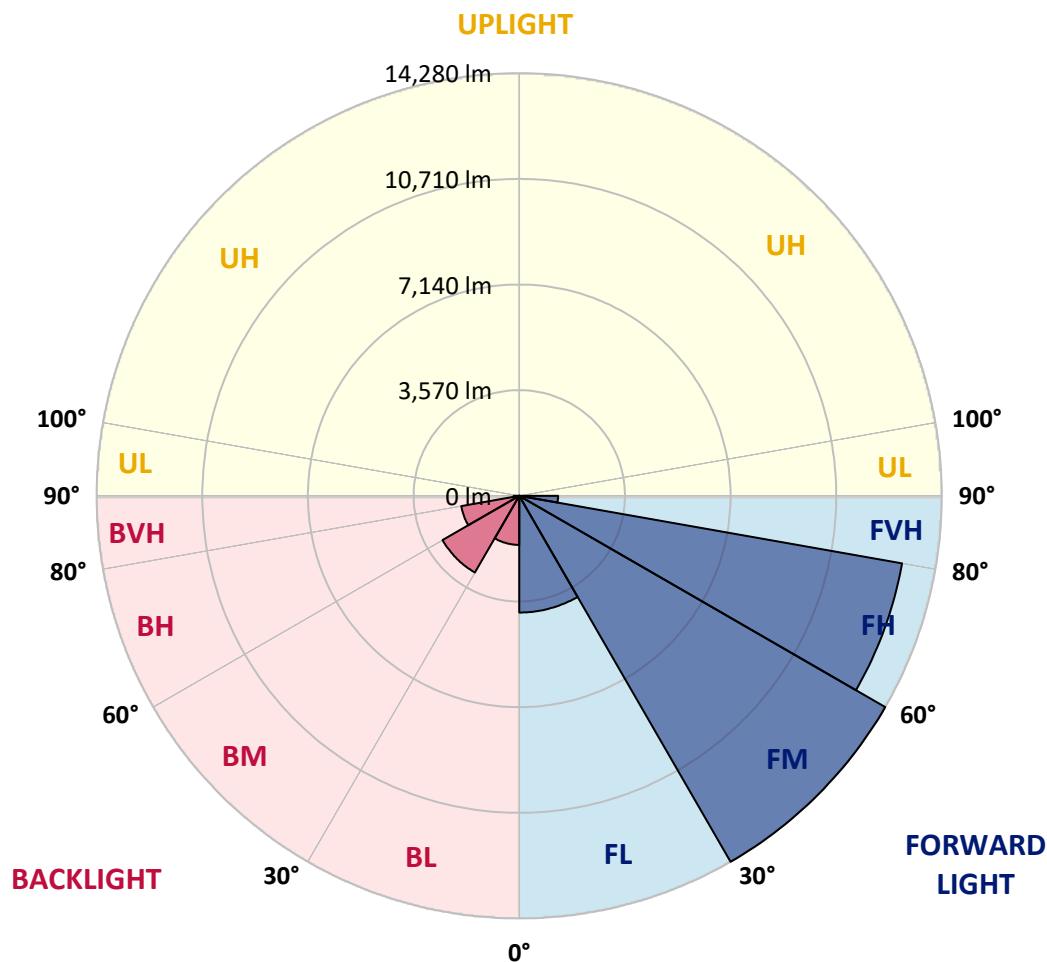
CATALOG NUMBER: GLEON-SA0B-830-U-SLR

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

| Zone |             | Lumens  | % Fixture | Zone Rating/Lumen Limit |      |         |
|------|-------------|---------|-----------|-------------------------|------|---------|
|      |             |         |           | B                       | U    | G       |
| FL   | (0°-30°)    | 3944.2  | 10.0      |                         |      |         |
| FM   | (30°-60°)   | 14280.2 | 36.2      |                         |      |         |
| FH   | (60°-80°)   | 13136.3 | 33.3      |                         |      | G5      |
| FVH  | (80°-90°)   | 1310.5  | 3.3       |                         |      | G5      |
| BL   | (0°-30°)    | 1658.0  | 4.2       | B3/2500                 |      |         |
| BM   | (30°-60°)   | 2992.9  | 7.6       | B3/5000                 |      |         |
| BH   | (60°-80°)   | 1990.0  | 5.0       | B3/2500                 |      | G3/2500 |
| BVH  | (80°-90°)   | 187.8   | 0.5       |                         |      | G2/225  |
| UL   | (90°-100°)  | 0.0     | 0.0       |                         | U0/0 |         |
| UH   | (100°-180°) | 0.0     | 0.0       |                         | U0/0 |         |

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

Type IV Medium



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**CANDELA DISTRIBUTION (FULL):**

|        | 0°      | 5°      | 10°     | 15°     | 20°     | 25°     | 30°     | 35°     | 40°     | 45°     | 50°     |
|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0°     | 12033.9 | 12033.9 | 12033.9 | 12033.9 | 12033.9 | 12033.9 | 12033.9 | 12033.9 | 12033.9 | 12033.9 | 12033.9 |
| 2.5°   | 12891.5 | 12777.8 | 12605.6 | 12433.5 | 12305.6 | 12176.1 | 12029.2 | 11882.3 | 11714.9 | 11546.0 | 11446.5 |
| 5°     | 12678.3 | 12362.4 | 11951.8 | 11541.2 | 11269.6 | 10998.0 | 10690.0 | 10382.0 | 10077.2 | 9772.5  | 9608.2  |
| 7.5°   | 11718.1 | 11244.3 | 10710.5 | 10176.7 | 9781.9  | 9385.5  | 8959.1  | 8531.2  | 8152.1  | 7771.5  | 7536.2  |
| 10°    | 10773.7 | 10205.2 | 9592.4  | 8978.1  | 8472.7  | 7967.4  | 7539.4  | 7109.8  | 6824.0  | 6538.1  | 6321.8  |
| 12.5°  | 10096.2 | 9466.1  | 8791.7  | 8115.8  | 7610.4  | 7105.1  | 6833.5  | 6561.8  | 6324.9  | 6088.0  | 5838.5  |
| 15°    | 9827.7  | 9115.5  | 8425.3  | 7733.6  | 7274.1  | 6814.5  | 6512.9  | 6209.6  | 5892.2  | 5573.2  | 5266.8  |
| 17.5°  | 10064.6 | 9230.8  | 8480.6  | 7730.5  | 7128.8  | 6527.1  | 6105.4  | 5682.2  | 5263.7  | 4845.2  | 4489.8  |
| 20°    | 10803.7 | 9739.3  | 8758.6  | 7776.3  | 6975.6  | 6174.9  | 5609.5  | 5042.6  | 4505.6  | 3968.7  | 3566.0  |
| 22.5°  | 11841.3 | 10432.6 | 9151.8  | 7871.0  | 6836.6  | 5800.6  | 5091.5  | 4380.9  | 3746.0  | 3111.1  | 2716.3  |
| 25°    | 13101.5 | 11351.7 | 9718.8  | 8084.2  | 6779.8  | 5473.7  | 4602.0  | 3730.2  | 3060.6  | 2389.4  | 2108.3  |
| 27.5°  | 14429.7 | 12447.7 | 10423.1 | 8396.9  | 6789.2  | 5181.5  | 4189.8  | 3196.4  | 2593.1  | 1989.9  | 1797.2  |
| 30°    | 15536.7 | 13700.1 | 11244.3 | 8787.0  | 6825.6  | 4864.1  | 3801.3  | 2738.4  | 2241.0  | 1743.5  | 1618.7  |
| 32.5°  | 16549.0 | 14573.4 | 11863.4 | 9151.8  | 6866.6  | 4579.8  | 3501.2  | 2421.0  | 2015.1  | 1607.7  | 1505.0  |
| 35°    | 17594.5 | 15348.8 | 12296.1 | 9241.8  | 6795.5  | 4347.7  | 3295.9  | 2244.1  | 1869.8  | 1494.0  | 1407.1  |
| 37.5°  | 18745.8 | 16187.4 | 12713.0 | 9237.1  | 6675.5  | 4114.0  | 3136.4  | 2157.3  | 1775.1  | 1391.3  | 1328.2  |
| 40°    | 20029.7 | 17114.4 | 13164.7 | 9215.0  | 6566.6  | 3916.6  | 3018.0  | 2117.8  | 1723.0  | 1326.6  | 1272.9  |
| 42.5°  | 21285.2 | 17998.8 | 13584.8 | 9170.8  | 6478.1  | 3783.9  | 2901.1  | 2018.3  | 1675.6  | 1331.3  | 1255.5  |
| 45°    | 22228.1 | 18771.1 | 13949.6 | 9126.5  | 6411.8  | 3697.0  | 2809.5  | 1922.0  | 1631.4  | 1340.8  | 1244.5  |
| 47.5°  | 22943.5 | 19546.5 | 14353.9 | 9159.7  | 6405.5  | 3651.2  | 2744.8  | 1838.3  | 1547.7  | 1255.5  | 1216.0  |
| 50°    | 23853.1 | 20478.2 | 14942.9 | 9407.6  | 6492.3  | 3577.0  | 2668.9  | 1759.3  | 1467.1  | 1175.0  | 1228.7  |
| 52.5°  | 24985.4 | 21808.0 | 15855.8 | 9901.9  | 6673.9  | 3445.9  | 2548.9  | 1651.9  | 1369.2  | 1085.0  | 1168.7  |
| 55°    | 26648.4 | 23512.0 | 17022.8 | 10532.1 | 6893.5  | 3253.3  | 2367.3  | 1479.8  | 1239.7  | 998.1   | 1072.3  |
| 57.5°  | 28140.8 | 25233.4 | 18142.5 | 11050.1 | 7030.9  | 3010.1  | 2138.3  | 1266.6  | 1094.4  | 922.3   | 964.9   |
| 60°    | 28805.7 | 26120.9 | 18666.8 | 11211.2 | 6948.7  | 2686.3  | 1880.9  | 1073.9  | 966.5   | 859.1   | 851.2   |
| 62.5°  | 28546.7 | 25557.1 | 18150.4 | 10743.7 | 6547.6  | 2351.5  | 1653.5  | 955.5   | 874.9   | 792.8   | 775.4   |
| 65°    | 27788.6 | 23785.2 | 16703.8 | 9622.4  | 5870.1  | 2117.8  | 1509.8  | 901.8   | 811.7   | 721.7   | 702.8   |
| 67.5°  | 26294.7 | 21263.1 | 14653.9 | 8044.7  | 5009.4  | 1974.1  | 1427.6  | 881.2   | 772.3   | 661.7   | 639.6   |
| 70°    | 23613.1 | 18227.8 | 12292.9 | 6356.5  | 4121.9  | 1885.6  | 1374.0  | 862.3   | 729.6   | 595.4   | 574.9   |
| 72.5°  | 19394.9 | 14614.5 | 9816.7  | 5017.3  | 3445.9  | 1874.6  | 1367.6  | 860.7   | 694.9   | 529.1   | 510.1   |
| 75°    | 13886.4 | 11100.6 | 7493.6  | 3885.0  | 2822.1  | 1759.3  | 1298.2  | 837.0   | 647.5   | 456.4   | 439.0   |
| 77.5°  | 9344.5  | 7683.1  | 5208.4  | 2732.1  | 2094.1  | 1456.1  | 1091.3  | 726.5   | 554.3   | 382.2   | 364.8   |
| 80°    | 6001.2  | 5317.4  | 3490.2  | 1663.0  | 1358.2  | 1053.4  | 780.2   | 506.9   | 404.3   | 300.1   | 285.8   |
| 82.5°  | 4403.0  | 3957.6  | 2425.7  | 893.9   | 754.9   | 614.3   | 476.9   | 339.5   | 276.4   | 213.2   | 206.9   |
| 85°    | 2798.4  | 3085.9  | 1786.1  | 486.4   | 398.0   | 309.5   | 255.8   | 202.1   | 159.5   | 116.9   | 116.9   |
| 87.5°  | 543.3   | 751.7   | 494.3   | 235.3   | 172.1   | 109.0   | 93.2    | 75.8    | 42.6    | 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     |



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**CANDELA DISTRIBUTION (continued):**

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



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**CANDELA DISTRIBUTION (continued):**

|        | 55°     | 60°     | 65°     | 70°     | 75°     | 80°     | 85°     | 90°     | 95°     | 100°    | 105°    |
|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0°     | 12033.9 | 12033.9 | 12033.9 | 12033.9 | 12033.9 | 12033.9 | 12033.9 | 12033.9 | 12033.9 | 12033.9 | 12033.9 |
| 2.5°   | 11345.4 | 11236.4 | 11127.5 | 11004.3 | 10879.5 | 10764.2 | 10647.4 | 10519.4 | 10543.1 | 10445.2 | 10347.3 |
| 5°     | 9444.0  | 9270.2  | 9094.9  | 8943.3  | 8791.7  | 8660.7  | 8528.0  | 8409.6  | 8512.2  | 8442.7  | 8373.2  |
| 7.5°   | 7299.3  | 7084.6  | 6868.2  | 6686.6  | 6505.0  | 6364.4  | 6222.3  | 6124.4  | 6225.4  | 6212.8  | 6200.2  |
| 10°    | 6105.4  | 5897.0  | 5686.9  | 5486.3  | 5285.8  | 5115.2  | 4943.1  | 4797.8  | 4772.5  | 4699.9  | 4625.6  |
| 12.5°  | 5587.4  | 5301.6  | 5014.1  | 4804.1  | 4594.1  | 4390.3  | 4186.6  | 4016.1  | 3938.7  | 3818.6  | 3697.0  |
| 15°    | 4960.5  | 4622.5  | 4284.5  | 4046.1  | 3806.0  | 3608.6  | 3409.6  | 3262.7  | 3213.8  | 3120.6  | 3027.4  |
| 17.5°  | 4134.5  | 3765.0  | 3395.4  | 3153.8  | 2910.6  | 2752.6  | 2593.1  | 2495.2  | 2495.2  | 2468.4  | 2441.5  |
| 20°    | 3163.3  | 2833.2  | 2503.1  | 2318.4  | 2133.6  | 2049.9  | 1964.6  | 1923.5  | 1936.2  | 1937.7  | 1937.7  |
| 22.5°  | 2319.9  | 2117.8  | 1915.6  | 1841.4  | 1765.6  | 1735.6  | 1705.6  | 1688.2  | 1694.5  | 1696.1  | 1697.7  |
| 25°    | 1827.2  | 1749.8  | 1670.9  | 1633.0  | 1593.5  | 1574.5  | 1555.6  | 1549.3  | 1563.5  | 1565.0  | 1565.0  |
| 27.5°  | 1604.5  | 1557.1  | 1508.2  | 1484.5  | 1459.2  | 1451.3  | 1443.4  | 1432.4  | 1446.6  | 1446.6  | 1445.0  |
| 30°    | 1492.4  | 1441.9  | 1391.3  | 1361.3  | 1331.3  | 1334.5  | 1336.1  | 1332.9  | 1342.4  | 1348.7  | 1353.4  |
| 32.5°  | 1400.8  | 1351.8  | 1302.9  | 1272.9  | 1241.3  | 1236.6  | 1231.8  | 1228.7  | 1249.2  | 1260.2  | 1271.3  |
| 35°    | 1318.7  | 1265.0  | 1211.3  | 1182.9  | 1154.4  | 1143.4  | 1132.3  | 1124.4  | 1143.4  | 1157.6  | 1171.8  |
| 37.5°  | 1263.4  | 1208.1  | 1151.3  | 1124.4  | 1096.0  | 1081.8  | 1067.6  | 1058.1  | 1066.0  | 1072.3  | 1078.6  |
| 40°    | 1219.2  | 1162.3  | 1103.9  | 1072.3  | 1040.7  | 1026.5  | 1012.3  | 1004.4  | 1009.1  | 1010.7  | 1012.3  |
| 42.5°  | 1178.1  | 1122.9  | 1067.6  | 1032.8  | 996.5   | 979.1   | 961.8   | 952.3   | 955.5   | 958.6   | 960.2   |
| 45°    | 1148.1  | 1092.8  | 1036.0  | 994.9   | 952.3   | 933.3   | 914.4   | 903.3   | 904.9   | 904.9   | 904.9   |
| 47.5°  | 1176.5  | 1096.0  | 1013.9  | 966.5   | 917.5   | 895.4   | 873.3   | 862.3   | 859.1   | 856.0   | 852.8   |
| 50°    | 1280.8  | 1143.4  | 1004.4  | 944.4   | 882.8   | 859.1   | 833.8   | 821.2   | 813.3   | 810.2   | 807.0   |
| 52.5°  | 1250.8  | 1132.3  | 1012.3  | 934.9   | 856.0   | 827.5   | 799.1   | 778.6   | 770.7   | 765.9   | 761.2   |
| 55°    | 1145.0  | 1070.7  | 994.9   | 901.8   | 808.6   | 783.3   | 756.5   | 742.3   | 728.0   | 724.9   | 721.7   |
| 57.5°  | 1006.0  | 976.0   | 946.0   | 851.2   | 756.5   | 732.8   | 707.5   | 698.0   | 685.4   | 685.4   | 683.8   |
| 60°    | 841.7   | 886.0   | 930.2   | 821.2   | 710.7   | 683.8   | 657.0   | 649.1   | 644.3   | 642.8   | 641.2   |
| 62.5°  | 756.5   | 829.1   | 900.2   | 784.9   | 668.0   | 639.6   | 611.2   | 601.7   | 600.1   | 601.7   | 601.7   |
| 65°    | 683.8   | 705.9   | 728.0   | 674.3   | 620.6   | 592.2   | 562.2   | 552.7   | 555.9   | 560.6   | 565.4   |
| 67.5°  | 617.5   | 612.8   | 608.0   | 589.1   | 568.5   | 544.8   | 519.6   | 510.1   | 511.7   | 518.0   | 524.3   |
| 70°    | 554.3   | 548.0   | 540.1   | 525.9   | 511.7   | 491.1   | 470.6   | 464.3   | 462.7   | 470.6   | 476.9   |
| 72.5°  | 491.1   | 483.3   | 473.8   | 462.7   | 450.1   | 432.7   | 415.3   | 410.6   | 412.2   | 416.9   | 421.7   |
| 75°    | 421.7   | 415.3   | 407.4   | 398.0   | 386.9   | 371.1   | 355.3   | 352.2   | 355.3   | 360.1   | 364.8   |
| 77.5°  | 345.9   | 344.3   | 341.1   | 333.2   | 325.3   | 308.0   | 289.0   | 287.4   | 292.2   | 296.9   | 300.1   |
| 80°    | 270.1   | 271.6   | 273.2   | 266.9   | 260.6   | 241.6   | 221.1   | 219.5   | 224.3   | 229.0   | 233.7   |
| 82.5°  | 199.0   | 203.7   | 206.9   | 199.0   | 191.1   | 169.0   | 146.9   | 143.7   | 159.5   | 164.2   | 169.0   |
| 85°    | 115.3   | 121.6   | 127.9   | 121.6   | 115.3   | 93.2    | 71.1    | 69.5    | 83.7    | 91.6    | 99.5    |
| 87.5°  | 9.5     | 12.6    | 15.8    | 14.2    | 12.6    | 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: P320804  
 CATALOG NUMBER: GLEON-SA0B-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: P320804

CATALOG NUMBER: GLEON-SA0B-830-U-SLR

**CANDELA DISTRIBUTION (continued):**

|        | 110°    | 115°    | 120°    | 125°    | 130°    | 135°    | 140°    | 145°    | 150°    | 155°    | 160°    |
|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0°     | 12033.9 | 12033.9 | 12033.9 | 12033.9 | 12033.9 | 12033.9 | 12033.9 | 12033.9 | 12033.9 | 12033.9 | 12033.9 |
| 2.5°   | 10285.7 | 10224.1 | 10205.2 | 10186.2 | 10116.7 | 10045.7 | 10118.3 | 10189.4 | 10219.4 | 10249.4 | 10172.0 |
| 5°     | 8363.8  | 8352.7  | 8352.7  | 8351.1  | 8287.9  | 8223.2  | 8272.2  | 8319.5  | 8213.7  | 8107.9  | 8096.9  |
| 7.5°   | 6268.1  | 6336.0  | 6391.3  | 6445.0  | 6424.4  | 6403.9  | 6449.7  | 6495.5  | 6361.3  | 6225.4  | 6159.1  |
| 10°    | 4641.4  | 4655.7  | 4715.7  | 4775.7  | 4789.9  | 4802.5  | 4859.4  | 4914.7  | 4810.4  | 4706.2  | 4660.4  |
| 12.5°  | 3621.2  | 3545.4  | 3553.3  | 3559.6  | 3588.1  | 3614.9  | 3674.9  | 3733.4  | 3690.7  | 3646.5  | 3651.2  |
| 15°    | 2932.7  | 2836.3  | 2796.9  | 2755.8  | 2787.4  | 2819.0  | 2861.6  | 2902.7  | 2904.3  | 2904.3  | 2945.3  |
| 17.5°  | 2394.2  | 2345.2  | 2305.7  | 2264.7  | 2307.3  | 2348.4  | 2353.1  | 2357.8  | 2359.4  | 2361.0  | 2357.8  |
| 20°    | 1961.4  | 1985.1  | 1972.5  | 1959.9  | 1975.7  | 1989.9  | 2002.5  | 2013.6  | 1999.3  | 1983.5  | 1944.1  |
| 22.5°  | 1719.8  | 1740.3  | 1756.1  | 1770.3  | 1797.2  | 1822.5  | 1809.8  | 1795.6  | 1767.2  | 1737.2  | 1707.2  |
| 25°    | 1579.3  | 1593.5  | 1609.3  | 1625.1  | 1647.2  | 1667.7  | 1645.6  | 1623.5  | 1602.9  | 1582.4  | 1561.9  |
| 27.5°  | 1460.8  | 1475.0  | 1489.2  | 1501.9  | 1522.4  | 1541.4  | 1520.8  | 1500.3  | 1482.9  | 1465.6  | 1449.8  |
| 30°    | 1364.5  | 1374.0  | 1385.0  | 1396.1  | 1415.0  | 1432.4  | 1415.0  | 1396.1  | 1383.4  | 1369.2  | 1358.2  |
| 32.5°  | 1282.4  | 1291.8  | 1296.6  | 1301.3  | 1318.7  | 1336.1  | 1323.4  | 1310.8  | 1299.7  | 1288.7  | 1280.8  |
| 35°    | 1192.3  | 1211.3  | 1214.4  | 1217.6  | 1235.0  | 1252.4  | 1244.5  | 1235.0  | 1222.3  | 1209.7  | 1195.5  |
| 37.5°  | 1100.7  | 1122.9  | 1135.5  | 1146.5  | 1163.9  | 1181.3  | 1173.4  | 1165.5  | 1148.1  | 1130.7  | 1105.5  |
| 40°    | 1023.4  | 1032.8  | 1056.5  | 1078.6  | 1107.1  | 1133.9  | 1118.1  | 1100.7  | 1073.9  | 1047.0  | 1034.4  |
| 42.5°  | 958.6   | 957.0   | 979.1   | 1001.2  | 1043.9  | 1085.0  | 1056.5  | 1028.1  | 1002.8  | 977.6   | 974.4   |
| 45°    | 901.8   | 897.0   | 908.1   | 919.1   | 964.9   | 1009.1  | 980.7   | 950.7   | 936.5   | 922.3   | 922.3   |
| 47.5°  | 851.2   | 848.1   | 856.0   | 862.3   | 890.7   | 917.5   | 903.3   | 889.1   | 881.2   | 873.3   | 874.9   |
| 50°    | 805.4   | 802.3   | 810.2   | 816.5   | 827.5   | 837.0   | 840.2   | 841.7   | 837.0   | 832.3   | 835.4   |
| 52.5°  | 762.8   | 762.8   | 765.9   | 767.5   | 781.7   | 795.9   | 795.9   | 794.4   | 794.4   | 794.4   | 797.5   |
| 55°    | 726.5   | 729.6   | 729.6   | 729.6   | 751.7   | 772.3   | 765.9   | 759.6   | 761.2   | 761.2   | 764.4   |
| 57.5°  | 690.1   | 694.9   | 698.0   | 701.2   | 723.3   | 745.4   | 739.1   | 732.8   | 732.8   | 732.8   | 734.4   |
| 60°    | 649.1   | 655.4   | 661.7   | 668.0   | 690.1   | 712.2   | 705.9   | 698.0   | 699.6   | 701.2   | 702.8   |
| 62.5°  | 609.6   | 615.9   | 622.2   | 628.5   | 650.7   | 672.8   | 666.4   | 658.6   | 663.3   | 666.4   | 666.4   |
| 65°    | 571.7   | 576.4   | 582.7   | 589.1   | 609.6   | 630.1   | 623.8   | 617.5   | 623.8   | 628.5   | 631.7   |
| 67.5°  | 529.1   | 532.2   | 538.5   | 544.8   | 565.4   | 585.9   | 579.6   | 571.7   | 579.6   | 585.9   | 592.2   |
| 70°    | 480.1   | 483.3   | 491.1   | 497.5   | 518.0   | 538.5   | 530.6   | 522.7   | 530.6   | 538.5   | 544.8   |
| 72.5°  | 426.4   | 429.6   | 437.5   | 443.8   | 467.5   | 491.1   | 481.7   | 472.2   | 481.7   | 491.1   | 494.3   |
| 75°    | 368.0   | 371.1   | 380.6   | 388.5   | 412.2   | 435.9   | 428.0   | 418.5   | 426.4   | 434.3   | 435.9   |
| 77.5°  | 304.8   | 309.5   | 322.2   | 334.8   | 353.8   | 372.7   | 368.0   | 363.2   | 368.0   | 372.7   | 372.7   |
| 80°    | 238.5   | 243.2   | 259.0   | 273.2   | 284.3   | 295.3   | 296.9   | 298.5   | 300.1   | 301.6   | 300.1   |
| 82.5°  | 176.9   | 183.2   | 197.4   | 211.6   | 211.6   | 211.6   | 224.3   | 235.3   | 235.3   | 233.7   | 232.2   |
| 85°    | 109.0   | 116.9   | 129.5   | 142.1   | 134.2   | 126.3   | 146.9   | 165.8   | 165.8   | 164.2   | 161.1   |
| 87.5°  | 22.1    | 30.0    | 42.6    | 53.7    | 45.8    | 37.9    | 58.4    | 79.0    | 80.5    | 80.5    | 77.4    |
| 90°    | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 92.5°  | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 95°    | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 97.5°  | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 100°   | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 102.5° | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 105°   | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 107.5° | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 110°   | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |



REPORT NUMBER: P320804  
 CATALOG NUMBER: GLEON-SA0B-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: P320804

CATALOG NUMBER: GLEON-SA0B-830-U-SLR

**CANDELA DISTRIBUTION (continued):**

|        | 165°    | 170°    | 175°    | 180°    | 185°    | 190°    | 195°    | 200°    | 205°    | 210°    | 215°    |
|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0°     | 12033.9 | 12033.9 | 12033.9 | 12033.9 | 12033.9 | 12033.9 | 12033.9 | 12033.9 | 12033.9 | 12033.9 | 12033.9 |
| 2.5°   | 10093.0 | 10216.2 | 10337.8 | 10369.4 | 10416.8 | 10437.3 | 10456.3 | 10611.0 | 10764.2 | 10944.3 | 11124.3 |
| 5°     | 8084.2  | 8175.8  | 8267.4  | 8281.6  | 8330.6  | 8355.9  | 8381.1  | 8569.1  | 8755.4  | 9006.5  | 9257.6  |
| 7.5°   | 6092.8  | 6114.9  | 6137.0  | 6133.8  | 6174.9  | 6230.2  | 6283.9  | 6484.4  | 6683.4  | 6953.5  | 7221.9  |
| 10°    | 4614.6  | 4665.1  | 4714.1  | 4759.9  | 4849.9  | 4954.1  | 5056.8  | 5262.1  | 5467.4  | 5734.3  | 5999.6  |
| 12.5°  | 3656.0  | 3714.4  | 3771.3  | 3821.8  | 3926.0  | 4065.0  | 4202.4  | 4448.8  | 4695.1  | 5014.1  | 5331.6  |
| 15°    | 2984.8  | 2980.1  | 2975.3  | 3010.1  | 3101.7  | 3253.3  | 3403.3  | 3663.9  | 3924.5  | 4275.1  | 4624.1  |
| 17.5°  | 2354.7  | 2331.0  | 2307.3  | 2334.1  | 2419.4  | 2544.2  | 2667.4  | 2888.5  | 3108.0  | 3447.5  | 3787.1  |
| 20°    | 1904.6  | 1888.8  | 1873.0  | 1898.3  | 1952.0  | 2004.1  | 2056.2  | 2215.7  | 2373.6  | 2650.0  | 2924.8  |
| 22.5°  | 1675.6  | 1674.0  | 1670.9  | 1685.1  | 1710.3  | 1737.2  | 1762.5  | 1839.8  | 1915.6  | 2094.1  | 2271.0  |
| 25°    | 1541.4  | 1539.8  | 1538.2  | 1544.5  | 1565.0  | 1585.6  | 1606.1  | 1656.6  | 1707.2  | 1792.5  | 1877.7  |
| 27.5°  | 1434.0  | 1430.8  | 1427.6  | 1429.2  | 1434.0  | 1465.6  | 1495.6  | 1519.2  | 1541.4  | 1599.8  | 1656.6  |
| 30°    | 1347.1  | 1345.5  | 1343.9  | 1343.9  | 1339.2  | 1350.3  | 1361.3  | 1397.6  | 1432.4  | 1492.4  | 1552.4  |
| 32.5°  | 1272.9  | 1265.0  | 1257.1  | 1239.7  | 1228.7  | 1244.5  | 1260.2  | 1298.2  | 1336.1  | 1391.3  | 1446.6  |
| 35°    | 1179.7  | 1159.2  | 1137.1  | 1127.6  | 1129.2  | 1145.0  | 1160.8  | 1198.7  | 1235.0  | 1295.0  | 1353.4  |
| 37.5°  | 1078.6  | 1072.3  | 1064.4  | 1062.8  | 1067.6  | 1083.4  | 1099.2  | 1132.3  | 1163.9  | 1223.9  | 1282.4  |
| 40°    | 1021.8  | 1018.6  | 1015.5  | 1012.3  | 1015.5  | 1031.3  | 1047.0  | 1078.6  | 1108.6  | 1167.1  | 1223.9  |
| 42.5°  | 971.2   | 969.7   | 968.1   | 968.1   | 969.7   | 987.0   | 1004.4  | 1036.0  | 1066.0  | 1118.1  | 1170.2  |
| 45°    | 922.3   | 923.9   | 923.9   | 927.0   | 931.8   | 949.1   | 964.9   | 999.7   | 1034.4  | 1085.0  | 1135.5  |
| 47.5°  | 876.5   | 881.2   | 884.4   | 892.3   | 897.0   | 916.0   | 933.3   | 971.2   | 1009.1  | 1072.3  | 1133.9  |
| 50°    | 837.0   | 841.7   | 844.9   | 851.2   | 863.9   | 886.0   | 908.1   | 953.9   | 998.1   | 1103.9  | 1208.1  |
| 52.5°  | 800.7   | 805.4   | 810.2   | 816.5   | 832.3   | 857.5   | 882.8   | 939.7   | 994.9   | 1118.1  | 1241.3  |
| 55°    | 767.5   | 772.3   | 775.4   | 784.9   | 800.7   | 822.8   | 843.3   | 912.8   | 982.3   | 1072.3  | 1162.3  |
| 57.5°  | 735.9   | 740.7   | 743.8   | 750.1   | 758.0   | 781.7   | 803.8   | 878.1   | 952.3   | 1015.5  | 1077.1  |
| 60°    | 702.8   | 705.9   | 707.5   | 707.5   | 713.8   | 740.7   | 767.5   | 862.3   | 955.5   | 944.4   | 931.8   |
| 62.5°  | 666.4   | 669.6   | 671.2   | 666.4   | 674.3   | 702.8   | 731.2   | 854.4   | 977.6   | 901.8   | 826.0   |
| 65°    | 633.3   | 631.7   | 630.1   | 625.4   | 634.9   | 663.3   | 690.1   | 751.7   | 813.3   | 783.3   | 753.3   |
| 67.5°  | 597.0   | 592.2   | 587.5   | 581.2   | 590.6   | 615.9   | 639.6   | 660.1   | 680.7   | 683.8   | 687.0   |
| 70°    | 551.2   | 544.8   | 538.5   | 536.9   | 541.7   | 562.2   | 582.7   | 597.0   | 609.6   | 615.9   | 620.6   |
| 72.5°  | 497.5   | 492.7   | 488.0   | 484.8   | 486.4   | 503.8   | 519.6   | 532.2   | 544.8   | 549.6   | 552.7   |
| 75°    | 437.5   | 437.5   | 435.9   | 426.4   | 426.4   | 440.6   | 453.2   | 464.3   | 475.4   | 481.7   | 488.0   |
| 77.5°  | 372.7   | 374.3   | 374.3   | 361.7   | 360.1   | 374.3   | 386.9   | 396.4   | 404.3   | 410.6   | 415.3   |
| 80°    | 298.5   | 295.3   | 292.2   | 284.3   | 281.1   | 298.5   | 314.3   | 322.2   | 328.5   | 330.1   | 330.1   |
| 82.5°  | 229.0   | 222.7   | 214.8   | 197.4   | 199.0   | 217.9   | 235.3   | 241.6   | 247.9   | 247.9   | 247.9   |
| 85°    | 156.3   | 143.7   | 129.5   | 115.3   | 116.9   | 137.4   | 156.3   | 162.7   | 169.0   | 172.1   | 173.7   |
| 87.5°  | 74.2    | 61.6    | 47.4    | 36.3    | 36.3    | 53.7    | 69.5    | 72.6    | 75.8    | 82.1    | 88.4    |
| 90°    | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 92.5°  | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 95°    | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 97.5°  | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 100°   | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 102.5° | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 105°   | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 107.5° | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 110°   | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |



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 CATALOG NUMBER: GLEON-SA0B-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: P320804

CATALOG NUMBER: GLEON-SA0B-830-U-SLR

**CANDELA DISTRIBUTION (continued):**

|        | 220°    | 225°    | 230°    | 235°    | 240°    | 245°    | 250°    | 255°    | 260°    | 265°    | 270°    |
|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0°     | 12033.9 | 12033.9 | 12033.9 | 12033.9 | 12033.9 | 12033.9 | 12033.9 | 12033.9 | 12033.9 | 12033.9 | 12033.9 |
| 2.5°   | 11261.7 | 11397.5 | 11538.1 | 11678.6 | 11839.7 | 12000.8 | 12188.7 | 12375.1 | 12534.6 | 12694.1 | 12826.7 |
| 5°     | 9474.0  | 9690.3  | 9944.6  | 10198.9 | 10522.6 | 10846.3 | 11242.7 | 11637.6 | 11989.7 | 12341.9 | 12750.9 |
| 7.5°   | 7504.6  | 7785.7  | 8117.4  | 8449.0  | 8867.5  | 9286.0  | 9799.3  | 10312.6 | 10810.0 | 11305.9 | 11934.5 |
| 10°    | 6294.9  | 6590.2  | 6917.2  | 7242.5  | 7668.9  | 8093.7  | 8637.0  | 9178.6  | 9737.7  | 10295.2 | 11005.9 |
| 12.5°  | 5660.1  | 5987.0  | 6274.4  | 6561.8  | 6907.7  | 7252.0  | 7777.8  | 8303.7  | 8960.7  | 9616.1  | 10299.9 |
| 15°    | 4982.6  | 5339.5  | 5683.8  | 6028.0  | 6405.5  | 6781.3  | 7293.0  | 7804.7  | 8523.3  | 9241.8  | 10028.3 |
| 17.5°  | 4162.9  | 4538.8  | 4958.9  | 5377.4  | 5870.1  | 6361.3  | 7016.6  | 7672.0  | 8523.3  | 9372.9  | 10299.9 |
| 20°    | 3308.5  | 3692.3  | 4194.5  | 4696.7  | 5309.5  | 5920.6  | 6770.3  | 7619.9  | 8766.5  | 9911.4  | 11094.3 |
| 22.5°  | 2610.5  | 2948.5  | 3496.5  | 4042.9  | 4750.4  | 5457.9  | 6547.6  | 7635.7  | 9134.4  | 10631.6 | 12228.2 |
| 25°    | 2116.2  | 2354.7  | 2893.2  | 3430.1  | 4246.6  | 5063.1  | 6411.8  | 7758.9  | 9669.8  | 11579.1 | 13559.5 |
| 27.5°  | 1813.0  | 1969.3  | 2471.5  | 2972.2  | 3864.4  | 4755.1  | 6356.5  | 7956.3  | 10348.9 | 12741.5 | 15007.7 |
| 30°    | 1661.4  | 1770.3  | 2195.2  | 2618.4  | 3524.9  | 4431.4  | 6290.2  | 8149.0  | 11002.7 | 13854.8 | 16140.0 |
| 32.5°  | 1535.0  | 1621.9  | 1985.1  | 2346.8  | 3231.2  | 4115.5  | 6162.3  | 8207.4  | 11459.1 | 14710.8 | 17098.6 |
| 35°    | 1427.6  | 1500.3  | 1816.1  | 2132.0  | 3000.6  | 3869.2  | 5947.5  | 8025.8  | 11744.9 | 15464.1 | 18096.7 |
| 37.5°  | 1340.8  | 1397.6  | 1689.8  | 1982.0  | 2801.6  | 3621.2  | 5702.7  | 7784.2  | 11999.2 | 16214.2 | 19219.6 |
| 40°    | 1272.9  | 1321.8  | 1595.1  | 1868.3  | 2612.1  | 3355.9  | 5492.7  | 7627.8  | 12349.8 | 17071.8 | 20405.6 |
| 42.5°  | 1235.0  | 1298.2  | 1512.9  | 1726.1  | 2432.1  | 3138.0  | 5323.7  | 7509.4  | 12675.1 | 17839.3 | 21443.2 |
| 45°    | 1225.5  | 1315.5  | 1470.3  | 1625.1  | 2297.8  | 2970.6  | 5173.7  | 7375.1  | 12885.2 | 18395.2 | 22224.9 |
| 47.5°  | 1209.7  | 1283.9  | 1437.1  | 1590.3  | 2231.5  | 2871.1  | 5093.1  | 7313.5  | 13095.2 | 18875.3 | 22874.0 |
| 50°    | 1219.2  | 1228.7  | 1410.3  | 1590.3  | 2222.0  | 2853.7  | 5184.7  | 7515.7  | 13550.0 | 19582.8 | 23616.2 |
| 52.5°  | 1201.8  | 1160.8  | 1359.7  | 1558.7  | 2220.4  | 2882.1  | 5448.4  | 8014.7  | 14394.9 | 20773.6 | 24420.1 |
| 55°    | 1110.2  | 1056.5  | 1265.0  | 1473.4  | 2187.3  | 2899.5  | 5762.7  | 8624.3  | 15528.8 | 22431.8 | 25865.1 |
| 57.5°  | 1029.7  | 980.7   | 1157.6  | 1332.9  | 2086.2  | 2839.5  | 6086.5  | 9331.8  | 16727.5 | 24121.6 | 27493.3 |
| 60°    | 922.3   | 911.2   | 1037.6  | 1163.9  | 1929.9  | 2694.2  | 6353.4  | 10010.9 | 17532.9 | 25053.4 | 28120.3 |
| 62.5°  | 833.8   | 840.2   | 933.3   | 1026.5  | 1734.0  | 2440.0  | 6441.8  | 10442.1 | 17510.8 | 24579.6 | 27488.6 |
| 65°    | 765.9   | 777.0   | 868.6   | 960.2   | 1566.6  | 2173.1  | 6151.2  | 10127.8 | 16624.9 | 23120.3 | 26239.4 |
| 67.5°  | 699.6   | 712.2   | 821.2   | 928.6   | 1418.2  | 1906.2  | 5424.8  | 8941.8  | 15031.4 | 21119.4 | 24650.6 |
| 70°    | 636.4   | 652.2   | 770.7   | 889.1   | 1310.8  | 1730.9  | 4488.3  | 7245.6  | 13036.8 | 18826.3 | 22810.8 |
| 72.5°  | 568.5   | 584.3   | 710.7   | 837.0   | 1242.9  | 1647.2  | 3659.1  | 5669.5  | 10579.5 | 15487.8 | 19511.7 |
| 75°    | 499.0   | 510.1   | 647.5   | 783.3   | 1149.7  | 1516.1  | 2871.1  | 4224.5  | 8096.9  | 11969.2 | 14737.6 |
| 77.5°  | 429.6   | 443.8   | 559.1   | 672.8   | 976.0   | 1277.6  | 2163.6  | 3049.5  | 5941.2  | 8831.2  | 10249.4 |
| 80°    | 342.7   | 355.3   | 437.5   | 518.0   | 753.3   | 987.0   | 1487.7  | 1988.3  | 4088.7  | 6189.1  | 6988.2  |
| 82.5°  | 262.2   | 276.4   | 331.6   | 385.3   | 536.9   | 688.6   | 901.8   | 1115.0  | 2716.3  | 4316.1  | 4382.4  |
| 85°    | 180.0   | 184.8   | 224.3   | 262.2   | 331.6   | 401.1   | 516.4   | 631.7   | 1797.2  | 2962.7  | 2468.4  |
| 87.5°  | 90.0    | 90.0    | 116.9   | 143.7   | 178.5   | 213.2   | 273.2   | 331.6   | 574.9   | 818.1   | 470.6   |
| 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: P320804  
 CATALOG NUMBER: GLEON-SA0B-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  |



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CATALOG NUMBER: GLEON-SA0B-830-U-SLR

**CANDELA DISTRIBUTION (continued):**

|        | 275°    | 280°    | 285°    | 290°    | 295°    | 300°    | 305°    | 310°    | 315°    | 320°    | 325°    |
|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0°     | 12033.9 | 12033.9 | 12033.9 | 12033.9 | 12033.9 | 12033.9 | 12033.9 | 12033.9 | 12033.9 | 12033.9 | 12033.9 |
| 2.5°   | 12995.7 | 13111.0 | 13227.9 | 13316.3 | 13406.3 | 13535.8 | 13665.3 | 13689.0 | 13714.3 | 13663.7 | 13613.2 |
| 5°     | 13163.1 | 13512.1 | 13862.7 | 14186.5 | 14510.2 | 14704.5 | 14898.7 | 14938.2 | 14977.7 | 14856.1 | 14732.9 |
| 7.5°   | 12542.5 | 13150.5 | 13758.5 | 14316.0 | 14873.5 | 15211.4 | 15551.0 | 15626.8 | 15704.1 | 15505.2 | 15306.2 |
| 10°    | 11713.4 | 12460.3 | 13207.3 | 13941.7 | 14676.0 | 15167.2 | 15658.3 | 15756.3 | 15854.2 | 15606.2 | 15358.3 |
| 12.5°  | 11072.2 | 11869.7 | 12667.2 | 13441.1 | 14216.5 | 14725.0 | 15233.5 | 15355.1 | 15476.7 | 15296.7 | 15115.1 |
| 15°    | 10874.8 | 11624.9 | 12375.1 | 13049.4 | 13725.3 | 14140.7 | 14557.6 | 14606.6 | 14657.1 | 14628.7 | 14600.2 |
| 17.5°  | 11233.3 | 11910.8 | 12589.8 | 12956.2 | 13324.2 | 13490.0 | 13657.4 | 13711.1 | 13766.4 | 13837.5 | 13910.1 |
| 20°    | 12101.9 | 12578.8 | 13057.3 | 13041.5 | 13024.1 | 12943.6 | 12861.5 | 12847.3 | 12833.1 | 13036.8 | 13242.1 |
| 22.5°  | 13398.4 | 13587.9 | 13779.0 | 13335.3 | 12891.5 | 12621.4 | 12349.8 | 12296.1 | 12240.8 | 12457.2 | 12675.1 |
| 25°    | 14805.5 | 14770.8 | 14734.5 | 13889.6 | 13043.1 | 12528.3 | 12013.4 | 11953.4 | 11893.4 | 12078.2 | 12264.5 |
| 27.5°  | 16198.5 | 15971.0 | 15743.6 | 14595.5 | 13447.4 | 12700.4 | 11953.4 | 11893.4 | 11833.4 | 11997.6 | 12161.9 |
| 30°    | 17220.2 | 16855.4 | 16490.6 | 15190.9 | 13891.2 | 13003.6 | 12116.1 | 12018.2 | 11918.7 | 12120.8 | 12323.0 |
| 32.5°  | 18017.8 | 17528.2 | 17038.6 | 15674.1 | 14309.7 | 13349.5 | 12389.3 | 12236.1 | 12082.9 | 12353.0 | 12623.0 |
| 35°    | 18813.7 | 18125.1 | 17435.0 | 16105.3 | 14774.0 | 13758.5 | 12741.5 | 12553.5 | 12365.6 | 12736.7 | 13107.8 |
| 37.5°  | 19815.0 | 18826.3 | 17836.1 | 16590.1 | 15344.1 | 14371.3 | 13396.8 | 13204.2 | 13011.5 | 13483.7 | 13957.5 |
| 40°    | 20901.5 | 19582.8 | 18264.1 | 17120.7 | 15977.4 | 15219.3 | 14459.7 | 14276.5 | 14091.7 | 14666.6 | 15241.4 |
| 42.5°  | 21804.8 | 20287.2 | 18769.5 | 17760.3 | 16749.6 | 16215.8 | 15680.5 | 15678.9 | 15675.7 | 16258.5 | 16841.2 |
| 45°    | 22539.2 | 20874.6 | 19208.5 | 18384.1 | 17558.2 | 17280.2 | 17002.3 | 17225.0 | 17447.6 | 17973.5 | 18501.0 |
| 47.5°  | 23087.2 | 21367.4 | 19646.0 | 19098.0 | 18550.0 | 18591.0 | 18632.1 | 19085.3 | 19538.6 | 19876.5 | 20216.1 |
| 50°    | 23444.1 | 21814.3 | 20182.9 | 20013.9 | 19845.0 | 20212.9 | 20582.5 | 21102.1 | 21623.2 | 21853.8 | 22084.3 |
| 52.5°  | 23963.7 | 22420.7 | 20876.2 | 21065.7 | 21255.2 | 22007.0 | 22758.7 | 23284.6 | 23810.5 | 23895.8 | 23982.6 |
| 55°    | 25165.5 | 23535.7 | 21904.3 | 22267.5 | 22632.4 | 23734.7 | 24838.6 | 25249.2 | 25659.8 | 25691.4 | 25723.0 |
| 57.5°  | 26872.7 | 25097.6 | 23322.5 | 23714.1 | 24105.8 | 25378.7 | 26653.1 | 27095.3 | 27539.1 | 27477.5 | 27414.3 |
| 60°    | 28150.3 | 26580.5 | 25009.1 | 25403.9 | 25798.8 | 27040.1 | 28281.4 | 28789.9 | 29300.0 | 29164.2 | 29028.3 |
| 62.5°  | 28229.2 | 27390.7 | 26550.5 | 26907.4 | 27265.9 | 28481.9 | 29698.0 | 30220.7 | 30743.4 | 30506.5 | 30269.6 |
| 65°    | 26973.7 | 27349.6 | 27725.5 | 27843.9 | 27962.3 | 29096.3 | 30231.7 | 30631.3 | 31032.4 | 30912.4 | 30792.4 |
| 67.5°  | 25244.4 | 26629.5 | 28016.0 | 27777.6 | 27539.1 | 28071.3 | 28603.5 | 29015.7 | 29427.9 | 29360.0 | 29290.5 |
| 70°    | 23518.3 | 25367.6 | 27216.9 | 26045.1 | 24871.7 | 24652.2 | 24432.7 | 24876.5 | 25321.8 | 25047.0 | 24770.7 |
| 72.5°  | 20579.3 | 22550.2 | 24522.7 | 22363.9 | 20205.0 | 19454.9 | 18704.7 | 19268.5 | 19832.3 | 19394.9 | 18955.8 |
| 75°    | 16154.2 | 18332.0 | 20511.4 | 17935.6 | 15359.9 | 14358.6 | 13357.4 | 13842.2 | 14327.0 | 14027.0 | 13725.3 |
| 77.5°  | 12026.1 | 14172.3 | 16318.5 | 13700.1 | 11080.1 | 10336.2 | 9590.8  | 9734.5  | 9879.8  | 9829.3  | 9777.2  |
| 80°    | 8156.9  | 9652.4  | 11149.6 | 9406.1  | 7662.6  | 7719.4  | 7777.8  | 7709.9  | 7640.5  | 7741.5  | 7842.6  |
| 82.5°  | 5205.2  | 6359.7  | 7515.7  | 6590.2  | 5664.8  | 6195.4  | 6726.1  | 6465.5  | 6203.3  | 6299.7  | 6397.6  |
| 85°    | 2970.6  | 4099.8  | 5230.5  | 4875.2  | 4518.3  | 4827.8  | 5138.9  | 4734.6  | 4330.3  | 4507.2  | 4685.7  |
| 87.5°  | 783.3   | 2267.8  | 3753.9  | 3408.0  | 3062.2  | 2661.1  | 2259.9  | 1724.6  | 1189.2  | 1737.2  | 2285.2  |
| 90°    | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 92.5°  | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 95°    | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 97.5°  | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 100°   | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 102.5° | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 105°   | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 107.5° | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 110°   | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |



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 CATALOG NUMBER: GLEON-SA0B-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  |

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CATALOG NUMBER: GLEON-SA0B-830-U-SLR

**CANDELA DISTRIBUTION (continued):**

|        | 330°    | 335°    | 340°    | 345°    | 350°    | 355°    | 360°    |
|--------|---------|---------|---------|---------|---------|---------|---------|
| 0°     | 12033.9 | 12033.9 | 12033.9 | 12033.9 | 12033.9 | 12033.9 | 12033.9 |
| 2.5°   | 13586.4 | 13559.5 | 13463.2 | 13365.3 | 13220.0 | 13099.9 | 12891.5 |
| 5°     | 14562.3 | 14391.8 | 14098.0 | 13802.7 | 13474.2 | 13096.8 | 12678.3 |
| 7.5°   | 14908.2 | 14508.6 | 13944.9 | 13379.5 | 12871.0 | 12274.0 | 11718.1 |
| 10°    | 14761.3 | 14162.8 | 13430.0 | 12695.7 | 12078.2 | 11391.2 | 10773.7 |
| 12.5°  | 14480.2 | 13843.8 | 13036.8 | 12228.2 | 11525.4 | 10787.9 | 10096.2 |
| 15°    | 14093.3 | 13584.8 | 12828.3 | 12071.9 | 11364.3 | 10647.4 | 9827.7  |
| 17.5°  | 13670.1 | 13428.4 | 12882.0 | 12334.0 | 11721.3 | 11026.4 | 10064.6 |
| 20°    | 13328.9 | 13417.4 | 13199.4 | 12981.5 | 12490.4 | 11883.9 | 10803.7 |
| 22.5°  | 13098.4 | 13523.2 | 13690.6 | 13859.6 | 13564.2 | 13090.5 | 11841.3 |
| 25°    | 12968.9 | 13673.2 | 14233.9 | 14796.1 | 14665.0 | 14300.2 | 13101.5 |
| 27.5°  | 13025.7 | 13889.6 | 14759.7 | 15631.5 | 15753.1 | 15652.0 | 14429.7 |
| 30°    | 13196.3 | 14071.2 | 15130.9 | 16192.1 | 16677.0 | 16812.8 | 15536.7 |
| 32.5°  | 13480.5 | 14338.1 | 15492.5 | 16648.5 | 17381.3 | 17814.0 | 16549.0 |
| 35°    | 13910.1 | 14712.4 | 15915.8 | 17119.2 | 18066.7 | 18856.3 | 17594.5 |
| 37.5°  | 14647.6 | 15337.8 | 16448.0 | 17559.8 | 18788.4 | 19974.5 | 18745.8 |
| 40°    | 15727.8 | 16215.8 | 17153.9 | 18093.6 | 19639.7 | 21241.0 | 20029.7 |
| 42.5°  | 17090.7 | 17341.8 | 18085.7 | 18829.5 | 20528.8 | 22390.7 | 21285.2 |
| 45°    | 18567.3 | 18633.7 | 19101.1 | 19570.2 | 21233.1 | 23174.0 | 22228.1 |
| 47.5°  | 19988.7 | 19761.3 | 19947.6 | 20134.0 | 21773.2 | 23733.1 | 22943.5 |
| 50°    | 21451.1 | 20817.8 | 20719.9 | 20622.0 | 22313.3 | 24391.6 | 23853.1 |
| 52.5°  | 22938.7 | 21894.8 | 21507.9 | 21119.4 | 22957.7 | 25265.0 | 24985.4 |
| 55°    | 24394.8 | 23066.6 | 22545.5 | 22024.3 | 23943.1 | 26331.0 | 26648.4 |
| 57.5°  | 25909.3 | 24404.3 | 23921.0 | 23437.8 | 25391.3 | 27681.2 | 28140.8 |
| 60°    | 27539.1 | 26048.3 | 25661.4 | 25272.9 | 27191.7 | 29140.5 | 28805.7 |
| 62.5°  | 29085.2 | 27900.8 | 27697.0 | 27491.7 | 29012.6 | 30261.7 | 28546.7 |
| 65°    | 30118.0 | 29442.1 | 29631.6 | 29822.7 | 30389.7 | 30541.3 | 27788.6 |
| 67.5°  | 29427.9 | 29565.3 | 30366.0 | 31168.2 | 30778.2 | 29710.6 | 26294.7 |
| 70°    | 25593.5 | 26417.8 | 28314.5 | 30212.8 | 29347.4 | 27485.4 | 23613.1 |
| 72.5°  | 19881.3 | 20808.3 | 23624.1 | 26441.5 | 25644.0 | 23363.5 | 19394.9 |
| 75°    | 14770.8 | 15817.9 | 18925.8 | 22033.8 | 20926.8 | 17476.1 | 13886.4 |
| 77.5°  | 10478.4 | 11179.6 | 14248.1 | 17318.1 | 15513.1 | 11632.8 | 9344.5  |
| 80°    | 7627.8  | 7413.0  | 9123.4  | 10833.7 | 10533.7 | 7694.1  | 6001.2  |
| 82.5°  | 5873.3  | 5348.9  | 6154.4  | 6959.8  | 6915.6  | 5339.5  | 4403.0  |
| 85°    | 4475.6  | 4265.6  | 4977.8  | 5690.1  | 5080.5  | 3616.5  | 2798.4  |
| 87.5°  | 2608.9  | 2934.3  | 3772.8  | 4613.0  | 3461.7  | 1097.6  | 543.3   |
| 90°    | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 92.5°  | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 95°    | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 97.5°  | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 100°   | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 102.5° | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 105°   | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 107.5° | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 110°   | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |



REPORT NUMBER: P320804  
 CATALOG NUMBER: GLEON-SA0B-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.

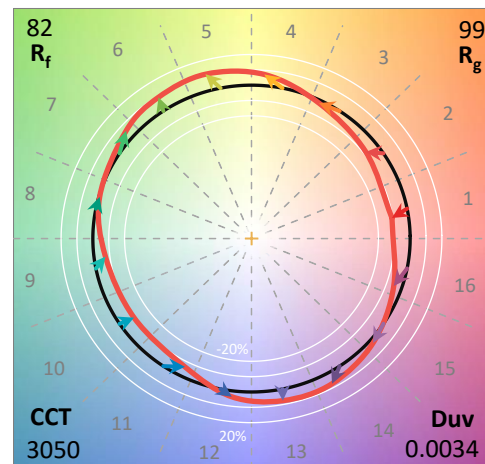
### Test Information

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

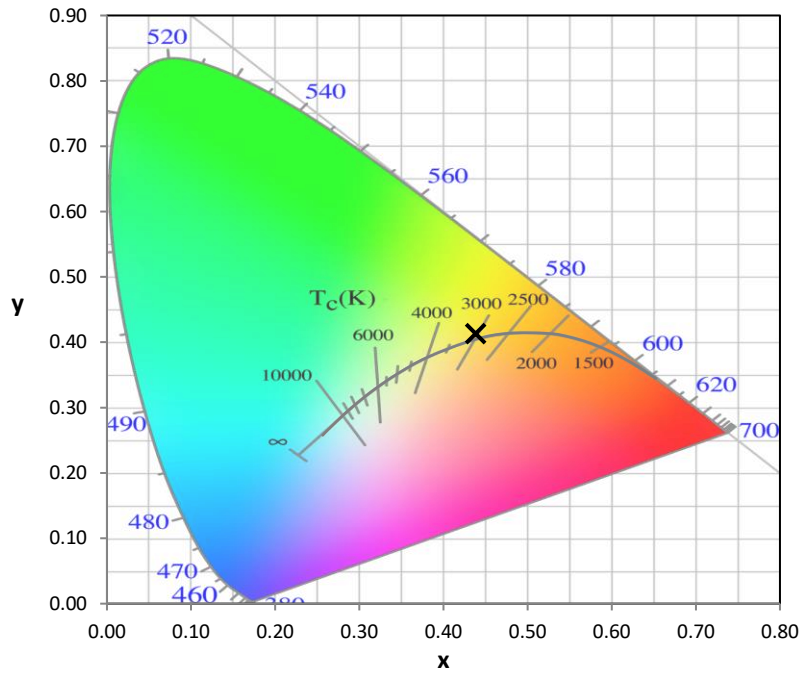
Stabilization Time: 20M  
 Operation Time: 1H 20M  
 Sphere Temperature (°C): 24.2

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

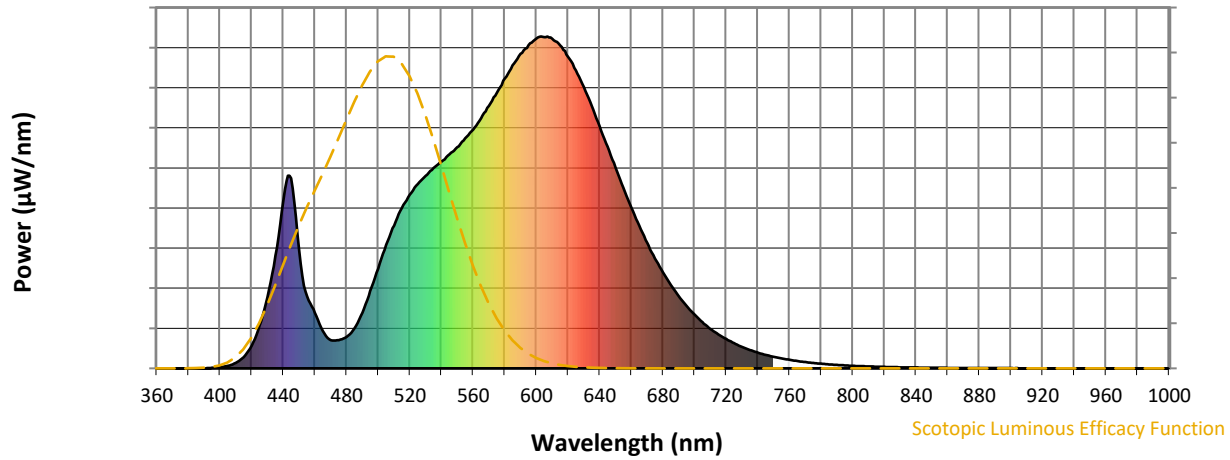


### Photopic Lumens: NR

| $\lambda$<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

| $\lambda$<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

### Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 2.32

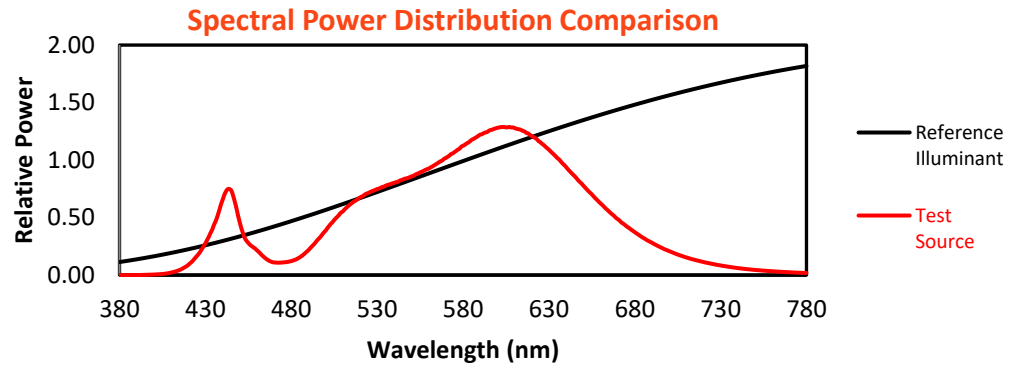
| $\lambda$<br>(nm) | Power<br>$\text{W}^{\wedge}/\text{nm}$ | Lumens<br>( $\phi/\text{nm}$ ) | $\lambda$<br>(nm) | Power<br>$\text{W}^{\wedge}/\text{nm}$ | Lumens<br>( $\phi/\text{nm}$ ) | $\lambda$<br>(nm) | Power<br>$\text{W}^{\wedge}/\text{nm}$ | Lumens<br>( $\phi/\text{nm}$ ) | $\lambda$<br>(nm) | 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                             |                   |                                        |                                |

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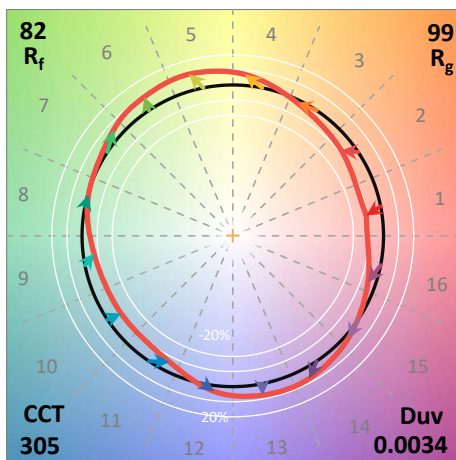
TM-30-18

### Summary

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

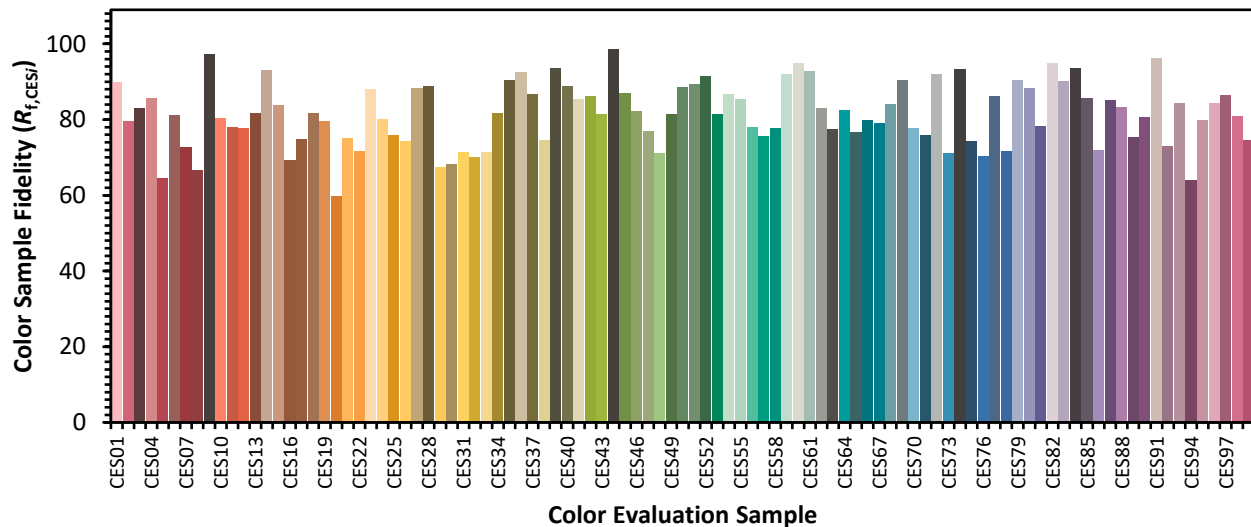


### Color Vector Graphics

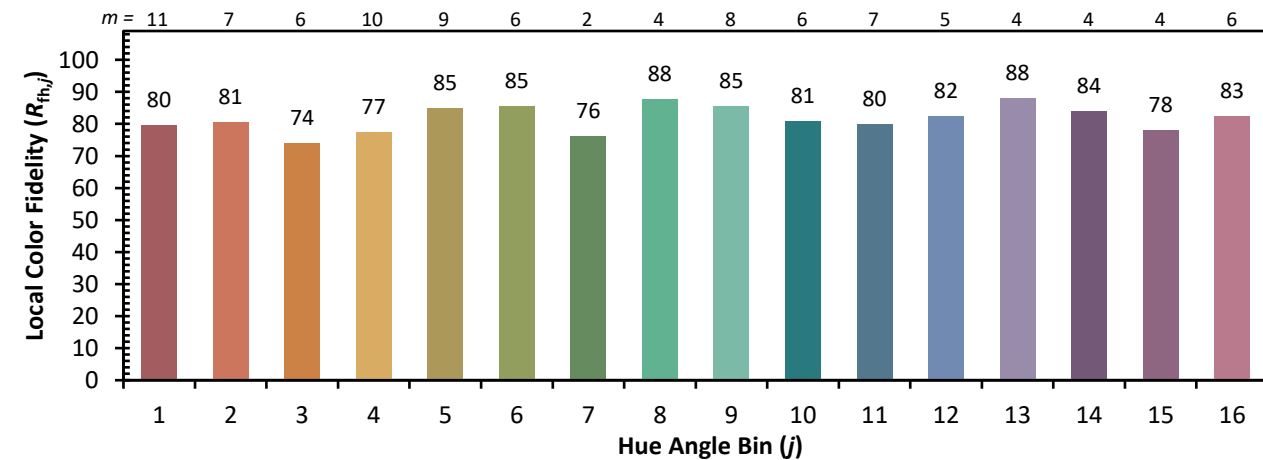
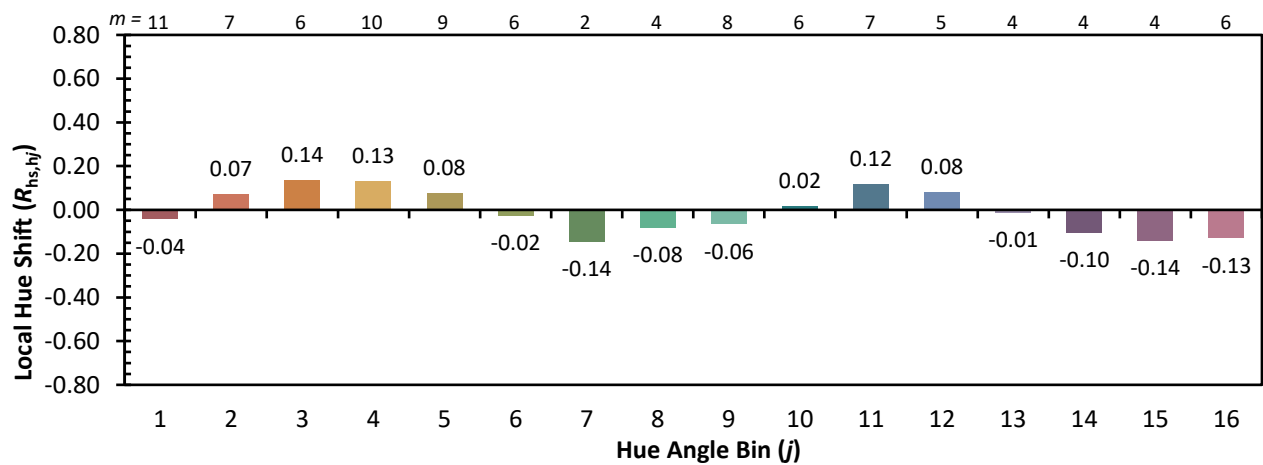
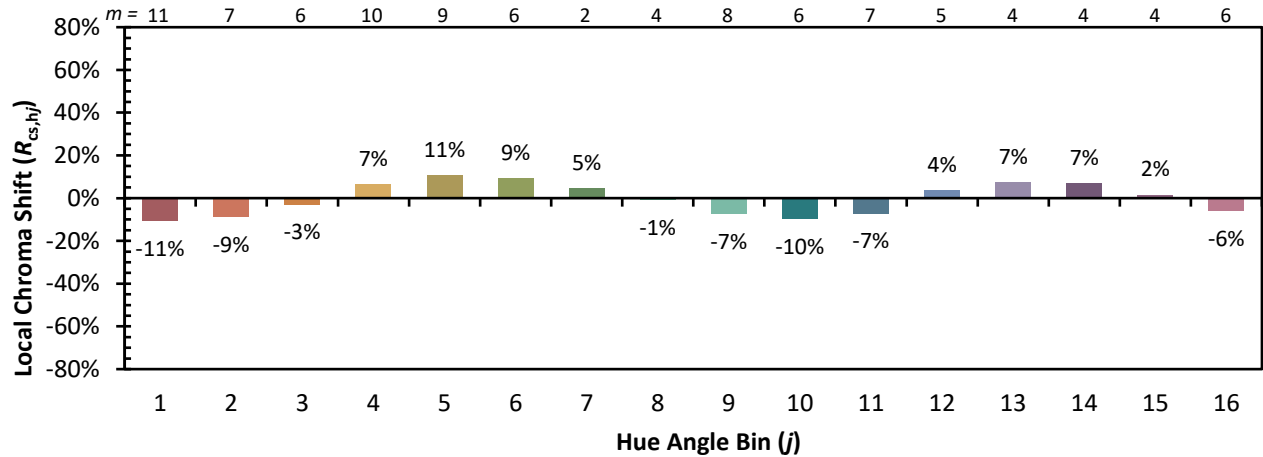


**Individual Sample Fidelity Index ( $R_{f,i}$ )**

|            |            |            |            |
|------------|------------|------------|------------|
| 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)