

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: P320606

Luminaire Tested: **GLEON-SA2C-730-U-SLR**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P320606  
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-SA2C-730-U-SLR  
Description: GALLEON AREA AND ROADWAY LUMINAIRE  
(2) 70 CRI, 3000K, 1050mA LIGHTSQUARES WITH 16 LEDS EACH AND SPILL LIGHT  
ELIMINATOR RIGHT OPTICS  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 11582 lumens  
Efficiency: N/A  
Efficacy: 102.5 lumens/watt  
Luminous Opening: Rectangular (W 0.5' x L: 1' x H: 0')  
IES Classification: Type IV - Medium  
BUG Rating: B2 - U0 - G3

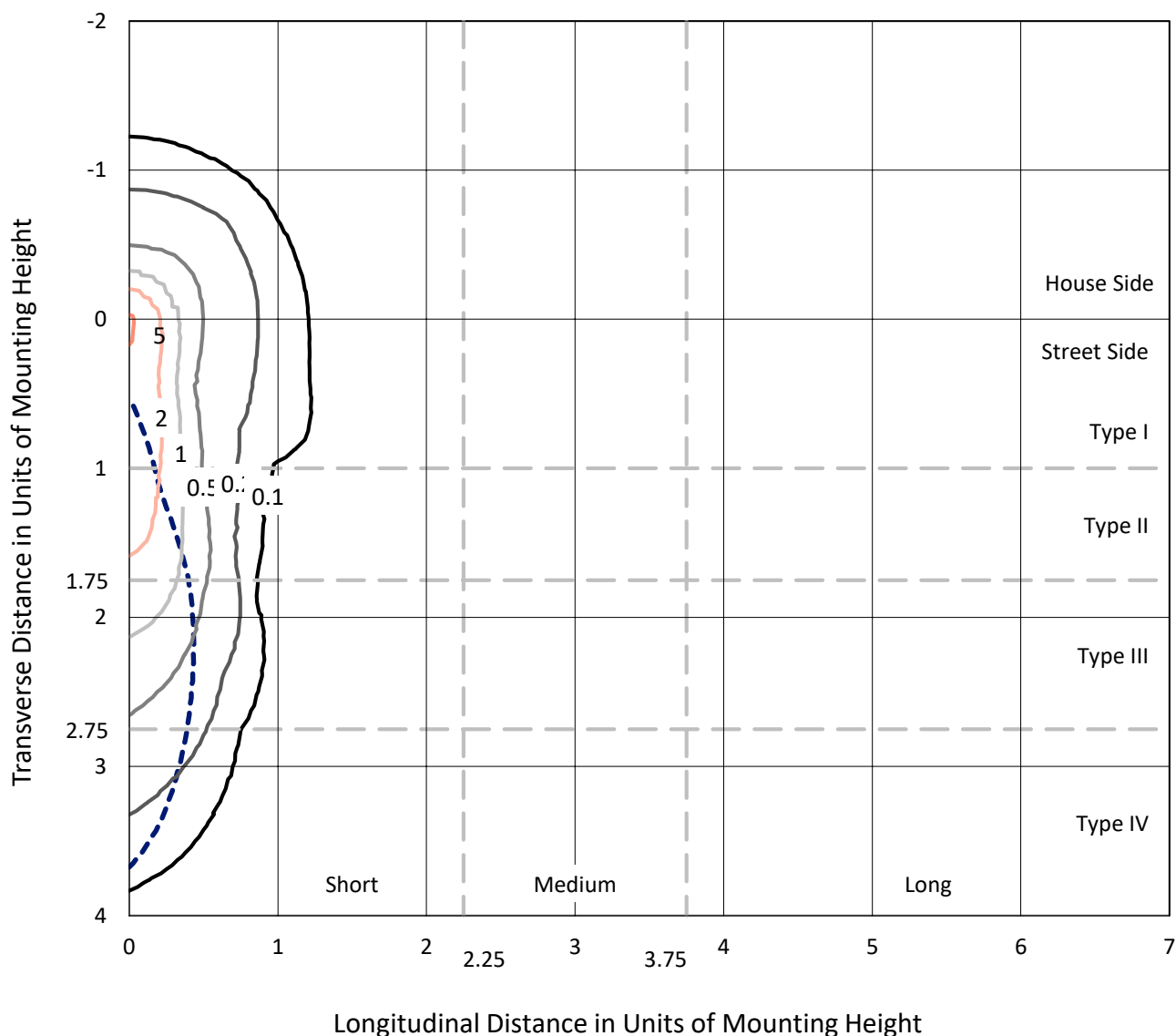
Input Watts (W): 113  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT



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## Iso-Footcandle Lines of Horizontal Illumination

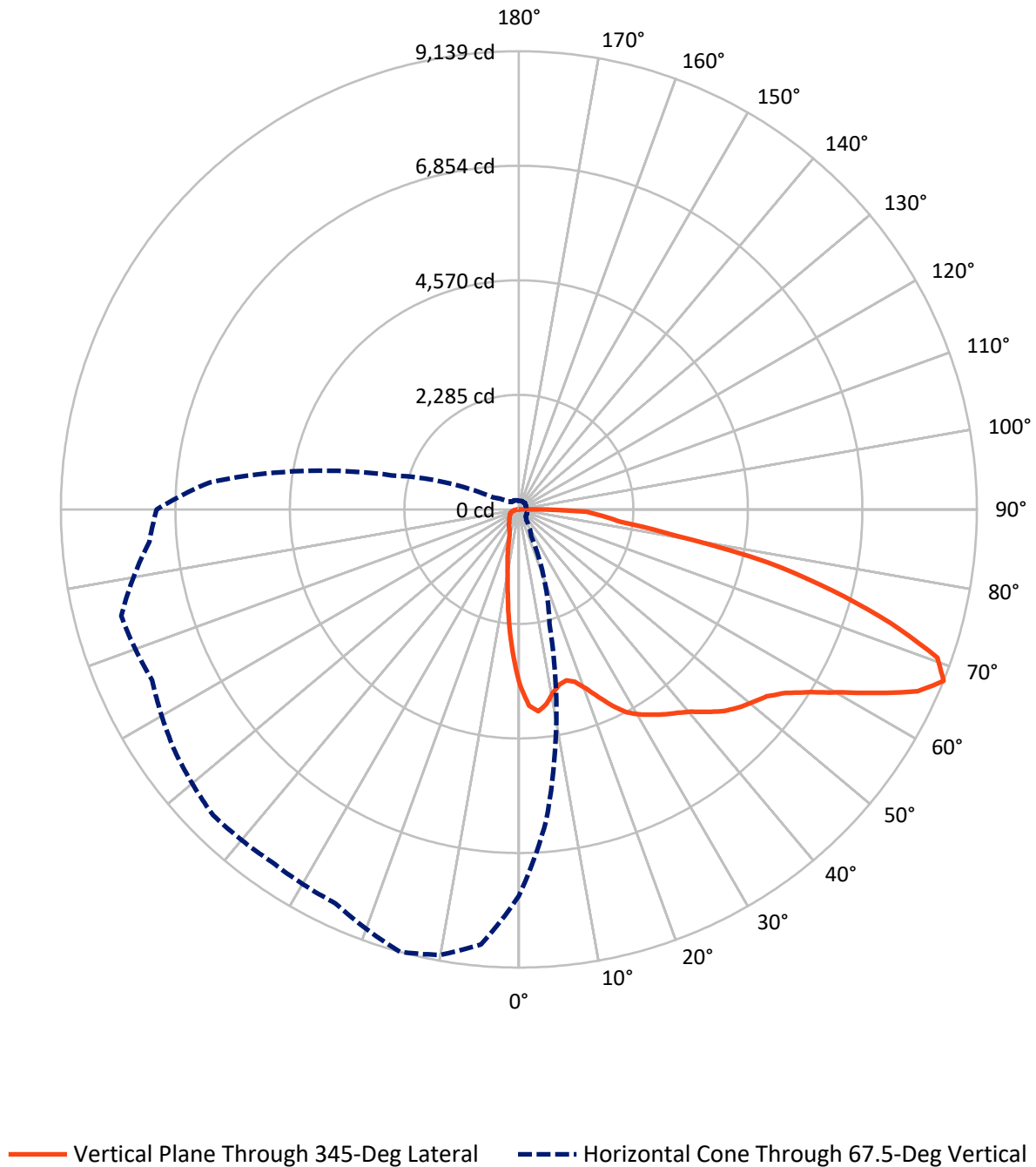
× Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 5.6 fc  
 Type IV - Medium - N/A

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## Luminous Intensity Polar Plot



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**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total   |
|--------------------|-----------|----------|--------|---------|
| <b>House Side</b>  | Lumens    | 2002.3   | 0.0    | 2002.3  |
|                    | % Fixture | 17.3     | 0.0    | 17.3    |
| <b>Street Side</b> | Lumens    | 9579.7   | 0.0    | 9579.7  |
|                    | % Fixture | 82.7     | 0.0    | 82.7    |
| <b>Total</b>       | Lumens    | 11582.0  | 0.0    | 11582.0 |
|                    | % Fixture | 100.0    | 0.0    | 100.0   |

**ZONAL LUMENS:**

| Zone      | Lumens  | % Fixture |
|-----------|---------|-----------|
| 0°-10°    | 272.3   | 2.4       |
| 10°-20°   | 565.7   | 4.9       |
| 20°-30°   | 804.6   | 6.9       |
| 30°-40°   | 1159.4  | 10.0      |
| 40°-50°   | 1633.9  | 14.1      |
| 50°-60°   | 2271.4  | 19.6      |
| 60°-70°   | 2746.8  | 23.7      |
| 70°-80°   | 1688.4  | 14.6      |
| 80°-90°   | 439.3   | 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°    | 11582.0 | 100.0     |
| 0°-180°   | 11582.0 | 100.0     |

**Coefficient of Utilization**



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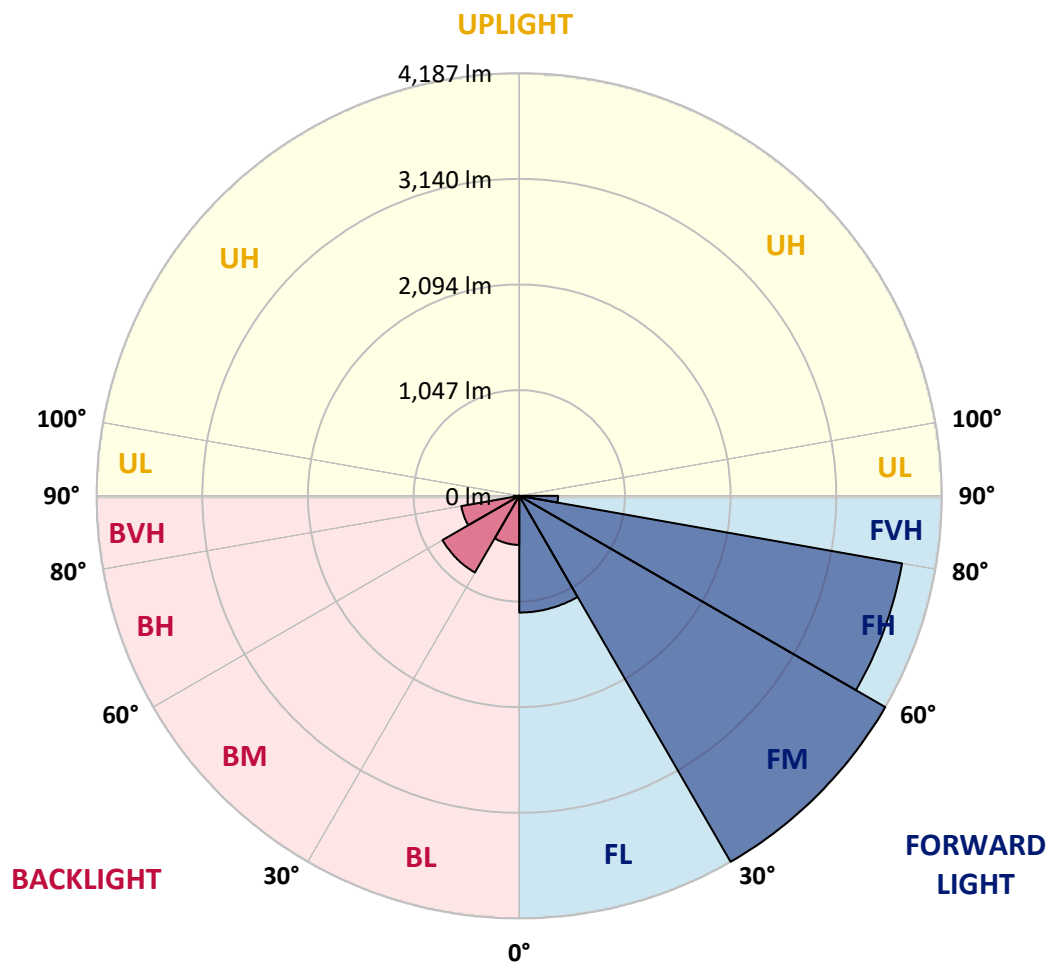
CATALOG NUMBER: GLEON-SA2C-730-U-SLR

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

| Zone |             | Lumens | % Fixture | Zone Rating/Lumen Limit |      |         |
|------|-------------|--------|-----------|-------------------------|------|---------|
|      |             |        |           | B                       | U    | G       |
| FL   | (0°-30°)    | 1156.5 | 10.0      |                         |      |         |
| FM   | (30°-60°)   | 4187.2 | 36.2      |                         |      |         |
| FH   | (60°-80°)   | 3851.8 | 33.3      |                         |      | G2/5000 |
| FVH  | (80°-90°)   | 384.3  | 3.3       |                         |      | G3/500  |
| BL   | (0°-30°)    | 486.1  | 4.2       | B1/500                  |      |         |
| BM   | (30°-60°)   | 877.6  | 7.6       | B1/1000                 |      |         |
| BH   | (60°-80°)   | 583.5  | 5.0       | B2/1000                 |      | G2/1000 |
| BVH  | (80°-90°)   | 55.1   | 0.5       |                         |      | G1/100  |
| UL   | (90°-100°)  | 0.0    | 0.0       |                         | U0/0 |         |
| UH   | (100°-180°) | 0.0    | 0.0       |                         | U0/0 |         |

**BUG Rating: B2-U0-G3**

Type IV Medium



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**CANDELA DISTRIBUTION (FULL):**

|        | 0°     | 5°     | 10°    | 15°    | 20°    | 25°    | 30°    | 35°    | 40°    | 45°    | 50°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 3528.5 | 3528.5 | 3528.5 | 3528.5 | 3528.5 | 3528.5 | 3528.5 | 3528.5 | 3528.5 | 3528.5 | 3528.5 |
| 2.5°   | 3780.0 | 3746.6 | 3696.2 | 3645.7 | 3608.2 | 3570.2 | 3527.1 | 3484.1 | 3435.0 | 3385.5 | 3356.3 |
| 5°     | 3717.5 | 3624.9 | 3504.5 | 3384.1 | 3304.4 | 3224.8 | 3134.5 | 3044.2 | 2954.8 | 2865.4 | 2817.3 |
| 7.5°   | 3435.9 | 3297.0 | 3140.5 | 2984.0 | 2868.2 | 2752.0 | 2627.0 | 2501.5 | 2390.3 | 2278.7 | 2209.7 |
| 10°    | 3159.0 | 2992.3 | 2812.6 | 2632.5 | 2484.3 | 2336.2 | 2210.7 | 2084.7 | 2000.9 | 1917.1 | 1853.6 |
| 12.5°  | 2960.4 | 2775.6 | 2577.9 | 2379.7 | 2231.5 | 2083.3 | 2003.7 | 1924.0 | 1854.6 | 1785.1 | 1711.9 |
| 15°    | 2881.6 | 2672.8 | 2470.4 | 2267.6 | 2132.9 | 1998.1 | 1909.7 | 1820.8 | 1727.7 | 1634.1 | 1544.3 |
| 17.5°  | 2951.1 | 2706.6 | 2486.6 | 2266.7 | 2090.3 | 1913.8 | 1790.2 | 1666.1 | 1543.4 | 1420.7 | 1316.5 |
| 20°    | 3167.8 | 2855.7 | 2568.1 | 2280.1 | 2045.3 | 1810.6 | 1644.8 | 1478.6 | 1321.1 | 1163.7 | 1045.6 |
| 22.5°  | 3472.0 | 3059.0 | 2683.4 | 2307.9 | 2004.6 | 1700.8 | 1492.9 | 1284.5 | 1098.4 | 912.2  | 796.5  |
| 25°    | 3841.6 | 3328.5 | 2849.7 | 2370.4 | 1987.9 | 1605.0 | 1349.4 | 1093.8 | 897.4  | 700.6  | 618.2  |
| 27.5°  | 4231.0 | 3649.9 | 3056.2 | 2462.1 | 1990.7 | 1519.3 | 1228.5 | 937.2  | 760.3  | 583.5  | 527.0  |
| 30°    | 4555.6 | 4017.1 | 3297.0 | 2576.5 | 2001.4 | 1426.2 | 1114.6 | 803.0  | 657.1  | 511.2  | 474.6  |
| 32.5°  | 4852.4 | 4273.1 | 3478.5 | 2683.4 | 2013.4 | 1342.9 | 1026.6 | 709.9  | 590.9  | 471.4  | 441.3  |
| 35°    | 5159.0 | 4500.5 | 3605.4 | 2709.8 | 1992.6 | 1274.8 | 966.4  | 658.0  | 548.3  | 438.1  | 412.6  |
| 37.5°  | 5496.6 | 4746.4 | 3727.7 | 2708.5 | 1957.4 | 1206.3 | 919.6  | 632.5  | 520.5  | 408.0  | 389.4  |
| 40°    | 5873.0 | 5018.2 | 3860.1 | 2702.0 | 1925.4 | 1148.4 | 884.9  | 621.0  | 505.2  | 389.0  | 373.2  |
| 42.5°  | 6241.2 | 5277.5 | 3983.3 | 2689.0 | 1899.5 | 1109.5 | 850.6  | 591.8  | 491.3  | 390.4  | 368.1  |
| 45°    | 6517.6 | 5504.0 | 4090.2 | 2676.0 | 1880.0 | 1084.0 | 823.8  | 563.5  | 478.3  | 393.1  | 364.9  |
| 47.5°  | 6727.4 | 5731.3 | 4208.8 | 2685.8 | 1878.2 | 1070.6 | 804.8  | 539.0  | 453.8  | 368.1  | 356.6  |
| 50°    | 6994.1 | 6004.5 | 4381.5 | 2758.5 | 1903.7 | 1048.8 | 782.6  | 515.9  | 430.2  | 344.5  | 360.3  |
| 52.5°  | 7326.1 | 6394.4 | 4649.1 | 2903.4 | 1956.9 | 1010.4 | 747.4  | 484.4  | 401.5  | 318.1  | 342.7  |
| 55°    | 7813.7 | 6894.1 | 4991.4 | 3088.2 | 2021.3 | 953.9  | 694.1  | 433.9  | 363.5  | 292.7  | 314.4  |
| 57.5°  | 8251.3 | 7398.8 | 5319.7 | 3240.0 | 2061.6 | 882.6  | 627.0  | 371.4  | 320.9  | 270.4  | 282.9  |
| 60°    | 8446.3 | 7659.1 | 5473.4 | 3287.3 | 2037.5 | 787.7  | 551.5  | 314.9  | 283.4  | 251.9  | 249.6  |
| 62.5°  | 8370.3 | 7493.7 | 5322.0 | 3150.2 | 1919.9 | 689.5  | 484.8  | 280.2  | 256.5  | 232.5  | 227.4  |
| 65°    | 8148.0 | 6974.2 | 4897.8 | 2821.4 | 1721.2 | 621.0  | 442.7  | 264.4  | 238.0  | 211.6  | 206.1  |
| 67.5°  | 7710.0 | 6234.7 | 4296.8 | 2358.8 | 1468.8 | 578.8  | 418.6  | 258.4  | 226.4  | 194.0  | 187.5  |
| 70°    | 6923.7 | 5344.7 | 3604.5 | 1863.8 | 1208.6 | 552.9  | 402.9  | 252.8  | 213.9  | 174.6  | 168.6  |
| 72.5°  | 5686.9 | 4285.2 | 2878.4 | 1471.1 | 1010.4 | 549.7  | 401.0  | 252.4  | 203.7  | 155.1  | 149.6  |
| 75°    | 4071.7 | 3254.9 | 2197.2 | 1139.1 | 827.5  | 515.9  | 380.6  | 245.4  | 189.9  | 133.8  | 128.7  |
| 77.5°  | 2739.9 | 2252.8 | 1527.2 | 801.1  | 614.0  | 426.9  | 320.0  | 213.0  | 162.5  | 112.1  | 107.0  |
| 80°    | 1759.6 | 1559.1 | 1023.4 | 487.6  | 398.2  | 308.9  | 228.8  | 148.6  | 118.5  | 88.0   | 83.8   |
| 82.5°  | 1291.0 | 1160.4 | 711.3  | 262.1  | 221.3  | 180.1  | 139.8  | 99.6   | 81.0   | 62.5   | 60.7   |
| 85°    | 820.5  | 904.8  | 523.7  | 142.6  | 116.7  | 90.8   | 75.0   | 59.3   | 46.8   | 34.3   | 34.3   |
| 87.5°  | 159.3  | 220.4  | 144.9  | 69.0   | 50.5   | 32.0   | 27.3   | 22.2   | 12.5   | 2.3    | 2.8    |
| 90°    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 92.5°  | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 95°    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 97.5°  | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 100°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 102.5° | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 105°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 107.5° | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 110°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |



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**CANDELA DISTRIBUTION (continued):**

|        | 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°     | 3528.5 | 3528.5 | 3528.5 | 3528.5 | 3528.5 | 3528.5 | 3528.5 | 3528.5 | 3528.5 | 3528.5 | 3528.5 |
| 2.5°   | 3326.6 | 3294.7 | 3262.7 | 3226.6 | 3190.0 | 3156.2 | 3122.0 | 3084.5 | 3091.4 | 3062.7 | 3034.0 |
| 5°     | 2769.1 | 2718.2 | 2666.8 | 2622.3 | 2577.9 | 2539.4 | 2500.5 | 2465.8 | 2495.9 | 2475.5 | 2455.2 |
| 7.5°   | 2140.3 | 2077.3 | 2013.9 | 1960.6 | 1907.4 | 1866.1 | 1824.5 | 1795.8 | 1825.4 | 1821.7 | 1818.0 |
| 10°    | 1790.2 | 1729.1 | 1667.5 | 1608.7 | 1549.9 | 1499.9 | 1449.4 | 1406.8 | 1399.4 | 1378.1 | 1356.3 |
| 12.5°  | 1638.3 | 1554.5 | 1470.2 | 1408.6 | 1347.0 | 1287.3 | 1227.6 | 1177.6 | 1154.9 | 1119.7 | 1084.0 |
| 15°    | 1454.5 | 1355.4 | 1256.3 | 1186.4 | 1116.0 | 1058.1 | 999.8  | 956.7  | 942.3  | 915.0  | 887.7  |
| 17.5°  | 1212.3 | 1103.9 | 995.6  | 924.7  | 853.4  | 807.1  | 760.3  | 731.6  | 731.6  | 723.8  | 715.9  |
| 20°    | 927.5  | 830.7  | 734.0  | 679.8  | 625.6  | 601.1  | 576.0  | 564.0  | 567.7  | 568.2  | 568.2  |
| 22.5°  | 680.2  | 621.0  | 561.7  | 539.9  | 517.7  | 508.9  | 500.1  | 495.0  | 496.9  | 497.3  | 497.8  |
| 25°    | 535.8  | 513.1  | 489.9  | 478.8  | 467.2  | 461.7  | 456.1  | 454.3  | 458.4  | 458.9  | 458.9  |
| 27.5°  | 470.5  | 456.6  | 442.2  | 435.3  | 427.9  | 425.6  | 423.2  | 420.0  | 424.2  | 424.2  | 423.7  |
| 30°    | 437.6  | 422.8  | 408.0  | 399.2  | 390.4  | 391.3  | 391.8  | 390.8  | 393.6  | 395.5  | 396.8  |
| 32.5°  | 410.7  | 396.4  | 382.0  | 373.2  | 364.0  | 362.6  | 361.2  | 360.3  | 366.3  | 369.5  | 372.8  |
| 35°    | 386.7  | 370.9  | 355.2  | 346.8  | 338.5  | 335.3  | 332.0  | 329.7  | 335.3  | 339.4  | 343.6  |
| 37.5°  | 370.5  | 354.2  | 337.6  | 329.7  | 321.4  | 317.2  | 313.0  | 310.3  | 312.6  | 314.4  | 316.3  |
| 40°    | 357.5  | 340.8  | 323.7  | 314.4  | 305.2  | 301.0  | 296.8  | 294.5  | 295.9  | 296.4  | 296.8  |
| 42.5°  | 345.4  | 329.2  | 313.0  | 302.8  | 292.2  | 287.1  | 282.0  | 279.2  | 280.2  | 281.1  | 281.5  |
| 45°    | 336.6  | 320.4  | 303.8  | 291.7  | 279.2  | 273.7  | 268.1  | 264.9  | 265.3  | 265.3  | 265.3  |
| 47.5°  | 345.0  | 321.4  | 297.3  | 283.4  | 269.0  | 262.6  | 256.1  | 252.8  | 251.9  | 251.0  | 250.1  |
| 50°    | 375.5  | 335.3  | 294.5  | 276.9  | 258.9  | 251.9  | 244.5  | 240.8  | 238.5  | 237.6  | 236.6  |
| 52.5°  | 366.7  | 332.0  | 296.8  | 274.1  | 251.0  | 242.6  | 234.3  | 228.3  | 226.0  | 224.6  | 223.2  |
| 55°    | 335.7  | 314.0  | 291.7  | 264.4  | 237.1  | 229.7  | 221.8  | 217.6  | 213.5  | 212.5  | 211.6  |
| 57.5°  | 295.0  | 286.2  | 277.4  | 249.6  | 221.8  | 214.9  | 207.5  | 204.7  | 201.0  | 201.0  | 200.5  |
| 60°    | 246.8  | 259.8  | 272.7  | 240.8  | 208.4  | 200.5  | 192.6  | 190.3  | 188.9  | 188.5  | 188.0  |
| 62.5°  | 221.8  | 243.1  | 263.9  | 230.1  | 195.9  | 187.5  | 179.2  | 176.4  | 176.0  | 176.4  | 176.4  |
| 65°    | 200.5  | 207.0  | 213.5  | 197.7  | 182.0  | 173.6  | 164.9  | 162.1  | 163.0  | 164.4  | 165.8  |
| 67.5°  | 181.1  | 179.7  | 178.3  | 172.7  | 166.7  | 159.8  | 152.3  | 149.6  | 150.0  | 151.9  | 153.7  |
| 70°    | 162.5  | 160.7  | 158.4  | 154.2  | 150.0  | 144.0  | 138.0  | 136.1  | 135.7  | 138.0  | 139.8  |
| 72.5°  | 144.0  | 141.7  | 138.9  | 135.7  | 132.0  | 126.9  | 121.8  | 120.4  | 120.9  | 122.2  | 123.6  |
| 75°    | 123.6  | 121.8  | 119.5  | 116.7  | 113.5  | 108.8  | 104.2  | 103.3  | 104.2  | 105.6  | 107.0  |
| 77.5°  | 101.4  | 100.9  | 100.0  | 97.7   | 95.4   | 90.3   | 84.7   | 84.3   | 85.7   | 87.1   | 88.0   |
| 80°    | 79.2   | 79.6   | 80.1   | 78.3   | 76.4   | 70.8   | 64.8   | 64.4   | 65.8   | 67.1   | 68.5   |
| 82.5°  | 58.3   | 59.7   | 60.7   | 58.3   | 56.0   | 49.5   | 43.1   | 42.1   | 46.8   | 48.2   | 49.5   |
| 85°    | 33.8   | 35.7   | 37.5   | 35.7   | 33.8   | 27.3   | 20.8   | 20.4   | 24.5   | 26.9   | 29.2   |
| 87.5°  | 2.8    | 3.7    | 4.6    | 4.2    | 3.7    | 1.9    | 0.0    | 0.0    | 0.5    | 2.3    | 4.2    |
| 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: P320606  
 CATALOG NUMBER: GLEON-SA2C-730-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  |

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CATALOG NUMBER: GLEON-SA2C-730-U-SLR

**CANDELA DISTRIBUTION (continued):**

|        | 110°   | 115°   | 120°   | 125°   | 130°   | 135°   | 140°   | 145°   | 150°   | 155°   | 160°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 3528.5 | 3528.5 | 3528.5 | 3528.5 | 3528.5 | 3528.5 | 3528.5 | 3528.5 | 3528.5 | 3528.5 | 3528.5 |
| 2.5°   | 3015.9 | 2997.9 | 2992.3 | 2986.8 | 2966.4 | 2945.5 | 2966.8 | 2987.7 | 2996.5 | 3005.3 | 2982.6 |
| 5°     | 2452.4 | 2449.1 | 2449.1 | 2448.7 | 2430.2 | 2411.2 | 2425.5 | 2439.4 | 2408.4 | 2377.4 | 2374.1 |
| 7.5°   | 1837.9 | 1857.8 | 1874.0 | 1889.8 | 1883.7 | 1877.7 | 1891.1 | 1904.6 | 1865.2 | 1825.4 | 1805.9 |
| 10°    | 1360.9 | 1365.1 | 1382.7 | 1400.3 | 1404.5 | 1408.2 | 1424.8 | 1441.1 | 1410.5 | 1379.9 | 1366.5 |
| 12.5°  | 1061.8 | 1039.6 | 1041.9 | 1043.7 | 1052.1 | 1060.0 | 1077.5 | 1094.7 | 1082.2 | 1069.2 | 1070.6 |
| 15°    | 859.9  | 831.7  | 820.1  | 808.0  | 817.3  | 826.6  | 839.1  | 851.1  | 851.6  | 851.6  | 863.6  |
| 17.5°  | 702.0  | 687.6  | 676.1  | 664.0  | 676.5  | 688.6  | 690.0  | 691.4  | 691.8  | 692.3  | 691.4  |
| 20°    | 575.1  | 582.1  | 578.4  | 574.7  | 579.3  | 583.5  | 587.2  | 590.4  | 586.2  | 581.6  | 570.0  |
| 22.5°  | 504.3  | 510.3  | 514.9  | 519.1  | 527.0  | 534.4  | 530.7  | 526.5  | 518.2  | 509.4  | 500.6  |
| 25°    | 463.1  | 467.2  | 471.9  | 476.5  | 483.0  | 489.0  | 482.5  | 476.0  | 470.0  | 464.0  | 458.0  |
| 27.5°  | 428.3  | 432.5  | 436.7  | 440.4  | 446.4  | 451.9  | 445.9  | 439.9  | 434.8  | 429.7  | 425.1  |
| 30°    | 400.1  | 402.9  | 406.1  | 409.3  | 414.9  | 420.0  | 414.9  | 409.3  | 405.6  | 401.5  | 398.2  |
| 32.5°  | 376.0  | 378.8  | 380.2  | 381.6  | 386.7  | 391.8  | 388.0  | 384.3  | 381.1  | 377.9  | 375.5  |
| 35°    | 349.6  | 355.2  | 356.1  | 357.0  | 362.1  | 367.2  | 364.9  | 362.1  | 358.4  | 354.7  | 350.5  |
| 37.5°  | 322.8  | 329.2  | 332.9  | 336.2  | 341.3  | 346.4  | 344.1  | 341.7  | 336.6  | 331.6  | 324.1  |
| 40°    | 300.1  | 302.8  | 309.8  | 316.3  | 324.6  | 332.5  | 327.8  | 322.8  | 314.9  | 307.0  | 303.3  |
| 42.5°  | 281.1  | 280.6  | 287.1  | 293.6  | 306.1  | 318.1  | 309.8  | 301.5  | 294.0  | 286.6  | 285.7  |
| 45°    | 264.4  | 263.0  | 266.3  | 269.5  | 282.9  | 295.9  | 287.6  | 278.8  | 274.6  | 270.4  | 270.4  |
| 47.5°  | 249.6  | 248.7  | 251.0  | 252.8  | 261.2  | 269.0  | 264.9  | 260.7  | 258.4  | 256.1  | 256.5  |
| 50°    | 236.2  | 235.2  | 237.6  | 239.4  | 242.6  | 245.4  | 246.3  | 246.8  | 245.4  | 244.0  | 245.0  |
| 52.5°  | 223.7  | 223.7  | 224.6  | 225.0  | 229.2  | 233.4  | 233.4  | 232.9  | 232.9  | 232.9  | 233.8  |
| 55°    | 213.0  | 213.9  | 213.9  | 213.9  | 220.4  | 226.4  | 224.6  | 222.7  | 223.2  | 223.2  | 224.1  |
| 57.5°  | 202.4  | 203.7  | 204.7  | 205.6  | 212.1  | 218.6  | 216.7  | 214.9  | 214.9  | 214.9  | 215.3  |
| 60°    | 190.3  | 192.2  | 194.0  | 195.9  | 202.4  | 208.8  | 207.0  | 204.7  | 205.1  | 205.6  | 206.1  |
| 62.5°  | 178.7  | 180.6  | 182.4  | 184.3  | 190.8  | 197.3  | 195.4  | 193.1  | 194.5  | 195.4  | 195.4  |
| 65°    | 167.6  | 169.0  | 170.9  | 172.7  | 178.7  | 184.8  | 182.9  | 181.1  | 182.9  | 184.3  | 185.2  |
| 67.5°  | 155.1  | 156.1  | 157.9  | 159.8  | 165.8  | 171.8  | 169.9  | 167.6  | 169.9  | 171.8  | 173.6  |
| 70°    | 140.8  | 141.7  | 144.0  | 145.9  | 151.9  | 157.9  | 155.6  | 153.3  | 155.6  | 157.9  | 159.8  |
| 72.5°  | 125.0  | 126.0  | 128.3  | 130.1  | 137.1  | 144.0  | 141.2  | 138.5  | 141.2  | 144.0  | 144.9  |
| 75°    | 107.9  | 108.8  | 111.6  | 113.9  | 120.9  | 127.8  | 125.5  | 122.7  | 125.0  | 127.3  | 127.8  |
| 77.5°  | 89.4   | 90.8   | 94.5   | 98.2   | 103.7  | 109.3  | 107.9  | 106.5  | 107.9  | 109.3  | 109.3  |
| 80°    | 69.9   | 71.3   | 75.9   | 80.1   | 83.4   | 86.6   | 87.1   | 87.5   | 88.0   | 88.4   | 88.0   |
| 82.5°  | 51.9   | 53.7   | 57.9   | 62.1   | 62.1   | 62.1   | 65.8   | 69.0   | 69.0   | 68.5   | 68.1   |
| 85°    | 32.0   | 34.3   | 38.0   | 41.7   | 39.4   | 37.0   | 43.1   | 48.6   | 48.6   | 48.2   | 47.2   |
| 87.5°  | 6.5    | 8.8    | 12.5   | 15.7   | 13.4   | 11.1   | 17.1   | 23.2   | 23.6   | 23.6   | 22.7   |
| 90°    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 92.5°  | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 95°    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 97.5°  | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 100°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 102.5° | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 105°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 107.5° | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 110°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |



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 CATALOG NUMBER: GLEON-SA2C-730-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  |

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**CANDELA DISTRIBUTION (continued):**

|        | 165°   | 170°   | 175°   | 180°   | 185°   | 190°   | 195°   | 200°   | 205°   | 210°   | 215°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 3528.5 | 3528.5 | 3528.5 | 3528.5 | 3528.5 | 3528.5 | 3528.5 | 3528.5 | 3528.5 | 3528.5 | 3528.5 |
| 2.5°   | 2959.4 | 2995.6 | 3031.2 | 3040.5 | 3054.4 | 3060.4 | 3065.9 | 3111.3 | 3156.2 | 3209.0 | 3261.8 |
| 5°     | 2370.4 | 2397.3 | 2424.1 | 2428.3 | 2442.7 | 2450.1 | 2457.5 | 2512.6 | 2567.2 | 2640.8 | 2714.5 |
| 7.5°   | 1786.5 | 1793.0 | 1799.5 | 1798.5 | 1810.6 | 1826.8 | 1842.5 | 1901.3 | 1959.7 | 2038.9 | 2117.6 |
| 10°    | 1353.1 | 1367.9 | 1382.2 | 1395.7 | 1422.1 | 1452.6 | 1482.7 | 1542.9 | 1603.1 | 1681.4 | 1759.2 |
| 12.5°  | 1072.0 | 1089.1 | 1105.8 | 1120.6 | 1151.2 | 1191.9 | 1232.2 | 1304.4 | 1376.7 | 1470.2 | 1563.3 |
| 15°    | 875.2  | 873.8  | 872.4  | 882.6  | 909.5  | 953.9  | 997.9  | 1074.3 | 1150.7 | 1253.5 | 1355.8 |
| 17.5°  | 690.4  | 683.5  | 676.5  | 684.4  | 709.4  | 746.0  | 782.1  | 846.9  | 911.3  | 1010.9 | 1110.4 |
| 20°    | 558.5  | 553.8  | 549.2  | 556.6  | 572.3  | 587.6  | 602.9  | 649.7  | 696.0  | 777.0  | 857.6  |
| 22.5°  | 491.3  | 490.8  | 489.9  | 494.1  | 501.5  | 509.4  | 516.8  | 539.5  | 561.7  | 614.0  | 665.9  |
| 25°    | 451.9  | 451.5  | 451.0  | 452.9  | 458.9  | 464.9  | 470.9  | 485.8  | 500.6  | 525.6  | 550.6  |
| 27.5°  | 420.5  | 419.5  | 418.6  | 419.1  | 420.5  | 429.7  | 438.5  | 445.5  | 451.9  | 469.1  | 485.8  |
| 30°    | 395.0  | 394.5  | 394.1  | 394.1  | 392.7  | 395.9  | 399.2  | 409.8  | 420.0  | 437.6  | 455.2  |
| 32.5°  | 373.2  | 370.9  | 368.6  | 363.5  | 360.3  | 364.9  | 369.5  | 380.6  | 391.8  | 408.0  | 424.2  |
| 35°    | 345.9  | 339.9  | 333.4  | 330.6  | 331.1  | 335.7  | 340.4  | 351.5  | 362.1  | 379.7  | 396.8  |
| 37.5°  | 316.3  | 314.4  | 312.1  | 311.6  | 313.0  | 317.7  | 322.3  | 332.0  | 341.3  | 358.9  | 376.0  |
| 40°    | 299.6  | 298.7  | 297.7  | 296.8  | 297.7  | 302.4  | 307.0  | 316.3  | 325.1  | 342.2  | 358.9  |
| 42.5°  | 284.8  | 284.3  | 283.9  | 283.9  | 284.3  | 289.4  | 294.5  | 303.8  | 312.6  | 327.8  | 343.1  |
| 45°    | 270.4  | 270.9  | 270.9  | 271.8  | 273.2  | 278.3  | 282.9  | 293.1  | 303.3  | 318.1  | 332.9  |
| 47.5°  | 257.0  | 258.4  | 259.3  | 261.6  | 263.0  | 268.6  | 273.7  | 284.8  | 295.9  | 314.4  | 332.5  |
| 50°    | 245.4  | 246.8  | 247.7  | 249.6  | 253.3  | 259.8  | 266.3  | 279.7  | 292.7  | 323.7  | 354.2  |
| 52.5°  | 234.8  | 236.2  | 237.6  | 239.4  | 244.0  | 251.4  | 258.9  | 275.5  | 291.7  | 327.8  | 364.0  |
| 55°    | 225.0  | 226.4  | 227.4  | 230.1  | 234.8  | 241.3  | 247.3  | 267.7  | 288.0  | 314.4  | 340.8  |
| 57.5°  | 215.8  | 217.2  | 218.1  | 220.0  | 222.3  | 229.2  | 235.7  | 257.5  | 279.2  | 297.7  | 315.8  |
| 60°    | 206.1  | 207.0  | 207.5  | 207.5  | 209.3  | 217.2  | 225.0  | 252.8  | 280.2  | 276.9  | 273.2  |
| 62.5°  | 195.4  | 196.3  | 196.8  | 195.4  | 197.7  | 206.1  | 214.4  | 250.5  | 286.6  | 264.4  | 242.2  |
| 65°    | 185.7  | 185.2  | 184.8  | 183.4  | 186.2  | 194.5  | 202.4  | 220.4  | 238.5  | 229.7  | 220.9  |
| 67.5°  | 175.0  | 173.6  | 172.3  | 170.4  | 173.2  | 180.6  | 187.5  | 193.6  | 199.6  | 200.5  | 201.4  |
| 70°    | 161.6  | 159.8  | 157.9  | 157.4  | 158.8  | 164.9  | 170.9  | 175.0  | 178.7  | 180.6  | 182.0  |
| 72.5°  | 145.9  | 144.5  | 143.1  | 142.2  | 142.6  | 147.7  | 152.3  | 156.1  | 159.8  | 161.1  | 162.1  |
| 75°    | 128.3  | 128.3  | 127.8  | 125.0  | 125.0  | 129.2  | 132.9  | 136.1  | 139.4  | 141.2  | 143.1  |
| 77.5°  | 109.3  | 109.7  | 109.7  | 106.0  | 105.6  | 109.7  | 113.5  | 116.2  | 118.5  | 120.4  | 121.8  |
| 80°    | 87.5   | 86.6   | 85.7   | 83.4   | 82.4   | 87.5   | 92.1   | 94.5   | 96.3   | 96.8   | 96.8   |
| 82.5°  | 67.1   | 65.3   | 63.0   | 57.9   | 58.3   | 63.9   | 69.0   | 70.8   | 72.7   | 72.7   | 72.7   |
| 85°    | 45.8   | 42.1   | 38.0   | 33.8   | 34.3   | 40.3   | 45.8   | 47.7   | 49.5   | 50.5   | 50.9   |
| 87.5°  | 21.8   | 18.1   | 13.9   | 10.7   | 10.7   | 15.7   | 20.4   | 21.3   | 22.2   | 24.1   | 25.9   |
| 90°    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 92.5°  | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 95°    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 97.5°  | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 100°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 102.5° | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 105°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 107.5° | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 110°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |



REPORT NUMBER: P320606  
 CATALOG NUMBER: GLEON-SA2C-730-U-SLR

**CANDELA DISTRIBUTION (continued):**

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



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CATALOG NUMBER: GLEON-SA2C-730-U-SLR

**CANDELA DISTRIBUTION (continued):**

|        | 220°   | 225°   | 230°   | 235°   | 240°   | 245°   | 250°   | 255°   | 260°   | 265°   | 270°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 3528.5 | 3528.5 | 3528.5 | 3528.5 | 3528.5 | 3528.5 | 3528.5 | 3528.5 | 3528.5 | 3528.5 | 3528.5 |
| 2.5°   | 3302.1 | 3341.9 | 3383.1 | 3424.3 | 3471.6 | 3518.8 | 3573.9 | 3628.6 | 3675.3 | 3722.1 | 3761.0 |
| 5°     | 2777.9 | 2841.4 | 2915.9 | 2990.5 | 3085.4 | 3180.3 | 3296.5 | 3412.3 | 3515.6 | 3618.8 | 3738.8 |
| 7.5°   | 2200.5 | 2282.9 | 2380.1 | 2477.4 | 2600.1 | 2722.8 | 2873.3 | 3023.8 | 3169.7 | 3315.1 | 3499.4 |
| 10°    | 1845.8 | 1932.4 | 2028.2 | 2123.6 | 2248.6 | 2373.2 | 2532.5 | 2691.3 | 2855.2 | 3018.7 | 3227.1 |
| 12.5°  | 1659.6 | 1755.5 | 1839.7 | 1924.0 | 2025.4 | 2126.4 | 2280.6 | 2434.8 | 2627.4 | 2819.6 | 3020.1 |
| 15°    | 1461.0 | 1565.6 | 1666.6 | 1767.5 | 1878.2 | 1988.4 | 2138.4 | 2288.5 | 2499.1 | 2709.8 | 2940.4 |
| 17.5°  | 1220.6 | 1330.8 | 1454.0 | 1576.7 | 1721.2 | 1865.2 | 2057.4 | 2249.6 | 2499.1 | 2748.3 | 3020.1 |
| 20°    | 970.1  | 1082.6 | 1229.9 | 1377.1 | 1556.8 | 1736.0 | 1985.1 | 2234.3 | 2570.5 | 2906.2 | 3253.0 |
| 22.5°  | 765.4  | 864.5  | 1025.2 | 1185.4 | 1392.9 | 1600.3 | 1919.9 | 2238.9 | 2678.4 | 3117.3 | 3585.5 |
| 25°    | 620.5  | 690.4  | 848.3  | 1005.8 | 1245.2 | 1484.6 | 1880.0 | 2275.0 | 2835.3 | 3395.2 | 3975.9 |
| 27.5°  | 531.6  | 577.4  | 724.7  | 871.5  | 1133.1 | 1394.3 | 1863.8 | 2332.9 | 3034.4 | 3736.0 | 4400.5 |
| 30°    | 487.1  | 519.1  | 643.7  | 767.8  | 1033.6 | 1299.4 | 1844.4 | 2389.4 | 3226.2 | 4062.4 | 4732.5 |
| 32.5°  | 450.1  | 475.6  | 582.1  | 688.1  | 947.4  | 1206.7 | 1806.9 | 2406.5 | 3360.0 | 4313.4 | 5013.6 |
| 35°    | 418.6  | 439.9  | 532.5  | 625.1  | 879.8  | 1134.5 | 1743.9 | 2353.3 | 3443.8 | 4534.3 | 5306.2 |
| 37.5°  | 393.1  | 409.8  | 495.5  | 581.1  | 821.5  | 1061.8 | 1672.1 | 2282.4 | 3518.3 | 4754.3 | 5635.5 |
| 40°    | 373.2  | 387.6  | 467.7  | 547.8  | 765.9  | 984.0  | 1610.5 | 2236.6 | 3621.1 | 5005.7 | 5983.2 |
| 42.5°  | 362.1  | 380.6  | 443.6  | 506.1  | 713.1  | 920.1  | 1561.0 | 2201.9 | 3716.5 | 5230.8 | 6287.5 |
| 45°    | 359.3  | 385.7  | 431.1  | 476.5  | 673.8  | 871.0  | 1517.0 | 2162.5 | 3778.1 | 5393.8 | 6516.7 |
| 47.5°  | 354.7  | 376.5  | 421.4  | 466.3  | 654.3  | 841.8  | 1493.4 | 2144.4 | 3839.7 | 5534.5 | 6707.0 |
| 50°    | 357.5  | 360.3  | 413.5  | 466.3  | 651.5  | 836.8  | 1520.2 | 2203.7 | 3973.1 | 5742.0 | 6924.6 |
| 52.5°  | 352.4  | 340.4  | 398.7  | 457.0  | 651.1  | 845.1  | 1597.6 | 2350.0 | 4220.8 | 6091.1 | 7160.3 |
| 55°    | 325.5  | 309.8  | 370.9  | 432.0  | 641.3  | 850.2  | 1689.7 | 2528.8 | 4553.3 | 6577.3 | 7584.0 |
| 57.5°  | 301.9  | 287.6  | 339.4  | 390.8  | 611.7  | 832.6  | 1784.6 | 2736.2 | 4904.8 | 7072.8 | 8061.5 |
| 60°    | 270.4  | 267.2  | 304.2  | 341.3  | 565.9  | 790.0  | 1862.9 | 2935.4 | 5140.9 | 7346.0 | 8245.3 |
| 62.5°  | 244.5  | 246.3  | 273.7  | 301.0  | 508.4  | 715.4  | 1888.8 | 3061.8 | 5134.4 | 7207.1 | 8060.1 |
| 65°    | 224.6  | 227.8  | 254.7  | 281.5  | 459.4  | 637.2  | 1803.6 | 2969.6 | 4874.7 | 6779.2 | 7693.8 |
| 67.5°  | 205.1  | 208.8  | 240.8  | 272.3  | 415.8  | 558.9  | 1590.6 | 2621.9 | 4407.4 | 6192.5 | 7227.9 |
| 70°    | 186.6  | 191.2  | 226.0  | 260.7  | 384.3  | 507.5  | 1316.0 | 2124.5 | 3822.6 | 5520.2 | 6688.5 |
| 72.5°  | 166.7  | 171.3  | 208.4  | 245.4  | 364.4  | 483.0  | 1072.9 | 1662.4 | 3102.1 | 4541.3 | 5721.1 |
| 75°    | 146.3  | 149.6  | 189.9  | 229.7  | 337.1  | 444.5  | 841.8  | 1238.7 | 2374.1 | 3509.6 | 4321.3 |
| 77.5°  | 126.0  | 130.1  | 163.9  | 197.3  | 286.2  | 374.6  | 634.4  | 894.2  | 1742.0 | 2589.4 | 3005.3 |
| 80°    | 100.5  | 104.2  | 128.3  | 151.9  | 220.9  | 289.4  | 436.2  | 583.0  | 1198.9 | 1814.7 | 2049.1 |
| 82.5°  | 76.9   | 81.0   | 97.2   | 113.0  | 157.4  | 201.9  | 264.4  | 326.9  | 796.5  | 1265.5 | 1285.0 |
| 85°    | 52.8   | 54.2   | 65.8   | 76.9   | 97.2   | 117.6  | 151.4  | 185.2  | 527.0  | 868.7  | 723.8  |
| 87.5°  | 26.4   | 26.4   | 34.3   | 42.1   | 52.3   | 62.5   | 80.1   | 97.2   | 168.6  | 239.9  | 138.0  |
| 90°    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 92.5°  | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 95°    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 97.5°  | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 100°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 102.5° | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 105°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 107.5° | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 110°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |



REPORT NUMBER: P320606  
 CATALOG NUMBER: GLEON-SA2C-730-U-SLR

**CANDELA DISTRIBUTION (continued):**

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



REPORT NUMBER: P320606

CATALOG NUMBER: GLEON-SA2C-730-U-SLR

**CANDELA DISTRIBUTION (continued):**

|        | 275°   | 280°   | 285°   | 290°   | 295°   | 300°   | 305°   | 310°   | 315°   | 320°   | 325°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 3528.5 | 3528.5 | 3528.5 | 3528.5 | 3528.5 | 3528.5 | 3528.5 | 3528.5 | 3528.5 | 3528.5 | 3528.5 |
| 2.5°   | 3810.5 | 3844.3 | 3878.6 | 3904.5 | 3930.9 | 3968.9 | 4006.9 | 4013.8 | 4021.2 | 4006.4 | 3991.6 |
| 5°     | 3859.6 | 3962.0 | 4064.8 | 4159.7 | 4254.6 | 4311.6 | 4368.5 | 4380.1 | 4391.7 | 4356.0 | 4319.9 |
| 7.5°   | 3677.6 | 3855.9 | 4034.2 | 4197.7 | 4361.1 | 4460.2 | 4559.8 | 4582.0 | 4604.7 | 4546.3 | 4488.0 |
| 10°    | 3434.5 | 3653.6 | 3872.6 | 4087.9 | 4303.2 | 4447.3 | 4591.3 | 4620.0 | 4648.7 | 4576.0 | 4503.3 |
| 12.5°  | 3246.5 | 3480.4 | 3714.2 | 3941.1 | 4168.5 | 4317.6 | 4466.7 | 4502.4 | 4538.0 | 4485.2 | 4432.0 |
| 15°    | 3188.6 | 3408.6 | 3628.6 | 3826.3 | 4024.5 | 4146.3 | 4268.5 | 4282.9 | 4297.7 | 4289.3 | 4281.0 |
| 17.5°  | 3293.8 | 3492.4 | 3691.5 | 3799.0 | 3906.9 | 3955.5 | 4004.6 | 4020.3 | 4036.5 | 4057.4 | 4078.7 |
| 20°    | 3548.4 | 3688.3 | 3828.6 | 3824.0 | 3818.9 | 3795.3 | 3771.2 | 3767.0 | 3762.8 | 3822.6 | 3882.8 |
| 22.5°  | 3928.6 | 3984.2 | 4040.2 | 3910.1 | 3780.0 | 3700.8 | 3621.1 | 3605.4 | 3589.2 | 3652.6 | 3716.5 |
| 25°    | 4341.2 | 4331.0 | 4320.4 | 4072.6 | 3824.4 | 3673.5 | 3522.5 | 3504.9 | 3487.3 | 3541.5 | 3596.1 |
| 27.5°  | 4749.6 | 4683.0 | 4616.3 | 4279.6 | 3943.0 | 3723.9 | 3504.9 | 3487.3 | 3469.7 | 3517.9 | 3566.0 |
| 30°    | 5049.2 | 4942.3 | 4835.3 | 4454.2 | 4073.1 | 3812.9 | 3552.6 | 3523.9 | 3494.7 | 3554.0 | 3613.3 |
| 32.5°  | 5283.1 | 5139.5 | 4996.0 | 4595.9 | 4195.8 | 3914.3 | 3632.7 | 3587.8 | 3542.9 | 3622.1 | 3701.3 |
| 35°    | 5516.5 | 5314.6 | 5112.2 | 4722.3 | 4332.0 | 4034.2 | 3736.0 | 3680.9 | 3625.8 | 3734.6 | 3843.4 |
| 37.5°  | 5810.0 | 5520.2 | 5229.8 | 4864.5 | 4499.1 | 4213.9 | 3928.2 | 3871.7 | 3815.2 | 3953.6 | 4092.5 |
| 40°    | 6128.6 | 5742.0 | 5355.3 | 5020.1 | 4684.8 | 4462.5 | 4239.8 | 4186.1 | 4131.9 | 4300.5 | 4469.0 |
| 42.5°  | 6393.5 | 5948.5 | 5503.5 | 5207.6 | 4911.2 | 4754.7 | 4597.7 | 4597.3 | 4596.4 | 4767.2 | 4938.1 |
| 45°    | 6608.8 | 6120.8 | 5632.2 | 5390.5 | 5148.3 | 5066.8 | 4985.3 | 5050.6 | 5115.9 | 5270.1 | 5424.8 |
| 47.5°  | 6769.5 | 6265.2 | 5760.5 | 5599.8 | 5439.1 | 5451.2 | 5463.2 | 5596.1 | 5729.0 | 5828.1 | 5927.7 |
| 50°    | 6874.2 | 6396.3 | 5917.9 | 5868.4 | 5818.8 | 5926.7 | 6035.1 | 6187.4 | 6340.3 | 6407.9 | 6475.5 |
| 52.5°  | 7026.5 | 6574.1 | 6121.2 | 6176.8 | 6232.4 | 6452.8 | 6673.2 | 6827.4 | 6981.6 | 7006.6 | 7032.1 |
| 55°    | 7378.9 | 6901.0 | 6422.7 | 6529.2 | 6636.1 | 6959.4 | 7283.0 | 7403.4 | 7523.8 | 7533.1 | 7542.4 |
| 57.5°  | 7879.5 | 7359.0 | 6838.5 | 6953.3 | 7068.2 | 7441.4 | 7815.1 | 7944.8 | 8074.9 | 8056.8 | 8038.3 |
| 60°    | 8254.1 | 7793.8 | 7333.1 | 7448.8 | 7564.6 | 7928.6 | 8292.5 | 8441.6 | 8591.2 | 8551.4 | 8511.6 |
| 62.5°  | 8277.2 | 8031.4 | 7785.0 | 7889.7 | 7994.8 | 8351.3 | 8707.9 | 8861.2 | 9014.4 | 8945.0 | 8875.5 |
| 65°    | 7909.1 | 8019.3 | 8129.5 | 8164.3 | 8199.0 | 8531.5 | 8864.4 | 8981.6 | 9099.2 | 9064.0 | 9028.8 |
| 67.5°  | 7402.1 | 7808.2 | 8214.7 | 8144.8 | 8074.9 | 8230.9 | 8387.0 | 8507.8 | 8628.7 | 8608.8 | 8588.4 |
| 70°    | 6895.9 | 7438.2 | 7980.4 | 7636.8 | 7292.8 | 7228.4 | 7164.0 | 7294.2 | 7424.7 | 7344.2 | 7263.1 |
| 72.5°  | 6034.2 | 6612.1 | 7190.4 | 6557.4 | 5924.4 | 5704.5 | 5484.5 | 5649.8 | 5815.1 | 5686.9 | 5558.1 |
| 75°    | 4736.7 | 5375.2 | 6014.3 | 5259.0 | 4503.7 | 4210.2 | 3916.6 | 4058.7 | 4200.9 | 4112.9 | 4024.5 |
| 77.5°  | 3526.2 | 4155.5 | 4784.8 | 4017.1 | 3248.8 | 3030.7 | 2812.2 | 2854.3 | 2896.9 | 2882.1 | 2866.8 |
| 80°    | 2391.7 | 2830.2 | 3269.2 | 2758.0 | 2246.8 | 2263.4 | 2280.6 | 2260.7 | 2240.3 | 2269.9 | 2299.6 |
| 82.5°  | 1526.3 | 1864.8 | 2203.7 | 1932.4 | 1661.0 | 1816.6 | 1972.2 | 1895.8 | 1818.9 | 1847.2 | 1875.9 |
| 85°    | 871.0  | 1202.1 | 1533.7 | 1429.5 | 1324.8 | 1415.6 | 1506.8 | 1388.3 | 1269.7 | 1321.6 | 1373.9 |
| 87.5°  | 229.7  | 665.0  | 1100.7 | 999.3  | 897.9  | 780.3  | 662.6  | 505.7  | 348.7  | 509.4  | 670.1  |
| 90°    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 92.5°  | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 95°    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 97.5°  | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 100°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 102.5° | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 105°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 107.5° | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 110°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |



REPORT NUMBER: P320606  
 CATALOG NUMBER: GLEON-SA2C-730-U-SLR

**CANDELA DISTRIBUTION (continued):**

|        | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|--------|------|------|------|------|------|------|------|------|------|------|------|
| 112.5° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 115°   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 117.5° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 120°   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 122.5° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 125°   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 127.5° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 130°   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 132.5° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 135°   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 137.5° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 140°   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 142.5° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 145°   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 147.5° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 150°   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 152.5° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 155°   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 157.5° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 160°   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 162.5° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 165°   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 167.5° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 170°   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 172.5° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 175°   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 177.5° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 180°   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |

REPORT NUMBER: P320606

CATALOG NUMBER: GLEON-SA2C-730-U-SLR

**CANDELA DISTRIBUTION (continued):**

|        | 330°   | 335°   | 340°   | 345°   | 350°   | 355°   | 360°   |
|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 3528.5 | 3528.5 | 3528.5 | 3528.5 | 3528.5 | 3528.5 | 3528.5 |
| 2.5°   | 3983.7 | 3975.9 | 3947.6 | 3918.9 | 3876.3 | 3841.1 | 3780.0 |
| 5°     | 4269.9 | 4219.9 | 4133.8 | 4047.2 | 3950.8 | 3840.2 | 3717.5 |
| 7.5°   | 4371.3 | 4254.2 | 4088.8 | 3923.1 | 3774.0 | 3598.9 | 3435.9 |
| 10°    | 4328.2 | 4152.7 | 3937.9 | 3722.6 | 3541.5 | 3340.1 | 3159.0 |
| 12.5°  | 4245.8 | 4059.2 | 3822.6 | 3585.5 | 3379.4 | 3163.2 | 2960.4 |
| 15°    | 4132.4 | 3983.3 | 3761.5 | 3539.7 | 3332.2 | 3122.0 | 2881.6 |
| 17.5°  | 4008.3 | 3937.4 | 3777.2 | 3616.5 | 3436.9 | 3233.1 | 2951.1 |
| 20°    | 3908.2 | 3934.2 | 3870.3 | 3806.4 | 3662.4 | 3484.5 | 3167.8 |
| 22.5°  | 3840.6 | 3965.2 | 4014.3 | 4063.8 | 3977.2 | 3838.3 | 3472.0 |
| 25°    | 3802.7 | 4009.2 | 4173.6 | 4338.4 | 4300.0 | 4193.0 | 3841.6 |
| 27.5°  | 3819.3 | 4072.6 | 4327.8 | 4583.4 | 4619.0 | 4589.4 | 4231.0 |
| 30°    | 3869.4 | 4125.9 | 4436.6 | 4747.8 | 4889.9 | 4929.8 | 4555.6 |
| 32.5°  | 3952.7 | 4204.1 | 4542.6 | 4881.6 | 5096.5 | 5223.3 | 4852.4 |
| 35°    | 4078.7 | 4313.9 | 4666.7 | 5019.6 | 5297.4 | 5529.0 | 5159.0 |
| 37.5°  | 4294.9 | 4497.3 | 4822.8 | 5148.8 | 5509.1 | 5856.8 | 5496.6 |
| 40°    | 4611.6 | 4754.7 | 5029.8 | 5305.3 | 5758.6 | 6228.2 | 5873.0 |
| 42.5°  | 5011.3 | 5084.9 | 5303.0 | 5521.1 | 6019.3 | 6565.3 | 6241.2 |
| 45°    | 5444.2 | 5463.7 | 5600.7 | 5738.3 | 6225.9 | 6795.0 | 6517.6 |
| 47.5°  | 5861.0 | 5794.3 | 5848.9 | 5903.6 | 6384.2 | 6958.9 | 6727.4 |
| 50°    | 6289.8 | 6104.1 | 6075.4 | 6046.7 | 6542.6 | 7152.0 | 6994.1 |
| 52.5°  | 6726.0 | 6419.9 | 6306.4 | 6192.5 | 6731.5 | 7408.1 | 7326.1 |
| 55°    | 7152.9 | 6763.5 | 6610.7 | 6457.9 | 7020.5 | 7720.6 | 7813.7 |
| 57.5°  | 7597.0 | 7155.7 | 7014.0 | 6872.3 | 7445.1 | 8116.6 | 8251.3 |
| 60°    | 8074.9 | 7637.8 | 7524.3 | 7410.4 | 7973.0 | 8544.4 | 8446.3 |
| 62.5°  | 8528.2 | 8180.9 | 8121.2 | 8061.0 | 8506.9 | 8873.2 | 8370.3 |
| 65°    | 8831.1 | 8632.9 | 8688.4 | 8744.5 | 8910.7 | 8955.2 | 8148.0 |
| 67.5°  | 8628.7 | 8669.0 | 8903.8 | 9139.0 | 9024.6 | 8711.6 | 7710.0 |
| 70°    | 7504.4 | 7746.1 | 8302.2 | 8858.8 | 8605.1 | 8059.1 | 6923.7 |
| 72.5°  | 5829.5 | 6101.3 | 6927.0 | 7753.1 | 7519.2 | 6850.5 | 5686.9 |
| 75°    | 4331.0 | 4638.0 | 5549.3 | 6460.6 | 6136.0 | 5124.3 | 4071.7 |
| 77.5°  | 3072.4 | 3278.0 | 4177.8 | 5077.9 | 4548.7 | 3410.9 | 2739.9 |
| 80°    | 2236.6 | 2173.6 | 2675.1 | 3176.6 | 3088.6 | 2256.0 | 1759.6 |
| 82.5°  | 1722.1 | 1568.4 | 1804.6 | 2040.7 | 2027.8 | 1565.6 | 1291.0 |
| 85°    | 1312.3 | 1250.7 | 1459.6 | 1668.4 | 1489.7 | 1060.4 | 820.5  |
| 87.5°  | 765.0  | 860.4  | 1106.3 | 1352.6 | 1015.0 | 321.8  | 159.3  |
| 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: P320606  
 CATALOG NUMBER: GLEON-SA2C-730-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-79-2008: Approved Method: Electrical and Photometric Measurements of Solid-  
State Lighting Products

Report Prepared for

Cooper Lighting Solutions

McGRAW-EDISON

Report Number: SP1-1908-441-2-R4

Test Date: 10/03/2019

Luminaire Tested: SA1C-730-U-5WQ

Data in this report applies to families of products SA1C-730-U-5WQ .

### Test Information

Test Method: LM-79-2008  
 Report Number: SP1-1908-441-2-R4  
 Test Lab: COOPER LIGHTING SOLUTIONS  
 Photometer: SP1 - 76IN SPHERE  
 Measurement Geometry:  $4\pi$   
 Issue Date: 10/28/2024  
 Manufacturer: COOPER LIGHTING SOLUTIONS  
 Product Line: MCGRAW-EDISON  
 Catalog Number: **SA1C-730-U-5WQ**  
 Description: MCGRAW EDISON ROADWAY AND AREA LUMINAIRE

\*\*\*THIS IS A REVISION OF SP1-1908-441-2-R3. TO UPDATE THE CATALOG INFORMATION.\*\*\*TESTED IN SITU. (1) 70 CRI, 3000K, 1050MA LIGHTSQUARE WITH 16 LEDS AND TYPE V WIDE OPTICS.

### Spectral Parameters

|                           |        |           |      |      |       |
|---------------------------|--------|-----------|------|------|-------|
| CCT (K):                  | 2993   | CRI (Ra): | 71.8 |      |       |
| CIE u':                   | 0.2508 | R1:       | 67.5 | R9:  | -38.3 |
| CIE v':                   | 0.5215 | R2:       | 82.9 | R10: | 62.5  |
| Duv:                      | 0.0000 | R3:       | 94.7 | R11: | 63.7  |
| CIE x:                    | 0.4374 | R4:       | 67.7 | R12: | 57.8  |
| CIE y:                    | 0.4043 | R5:       | 67.9 | R13: | 70.4  |
| CIE z:                    | 0.1583 | R6:       | 77.6 | R14: | 97.3  |
| Peak Wavelength (nm):     | 593    | R7:       | 76.0 |      |       |
| Dominant Wavelength (nm): | 582    | R8:       | 40.5 |      |       |
| Purity:                   | 53     |           |      |      |       |
| Rf:                       | 75.7   |           |      |      |       |
| Rg:                       | 93.9   |           |      |      |       |



### Test Conditions

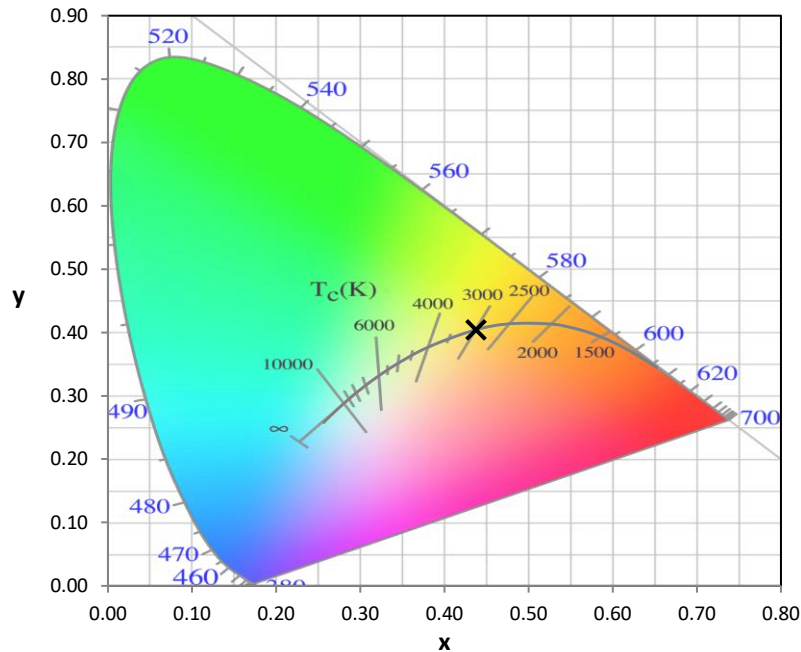
Stabilization Time: 53M  
 Operation Time: 12H  
 Room Temperature (°C) / RH%: 25.0./44%  
 Sphere Temperature (°C): 25.7

REPORT NUMBER: SP1-1908-441-2-R4

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

REPORT NUMBER: SP1-1908-441-2-R4

**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: SP1-1908-441-2-R4

**Photopic Flux vs. Wavelength**



#####

| λ<br>(nm) | Power<br>(μW/nm) | Lumens<br>(φ/nm) | λ<br>(nm) | Power<br>(μW/nm) | Lumens<br>(φ/nm) | λ<br>(nm) | Power<br>(μW/nm) | Lumens<br>(φ/nm) | λ<br>(nm) | Power<br>(μW/nm) | Lumens<br>(φ/nm) | λ<br>(nm) | Power<br>(μW/nm) | Lumens<br>(φ/nm) |
|-----------|------------------|------------------|-----------|------------------|------------------|-----------|------------------|------------------|-----------|------------------|------------------|-----------|------------------|------------------|
| 360       | 2397             | NR               | 490       | 24908            | NR               | 620       | 118784           | NR               | 750       | 5037             | NR               | 880       | 2677             | NR               |
| 365       | 2084             | NR               | 495       | 30998            | NR               | 625       | 108951           | NR               | 755       | 4413             | NR               | 885       | 2940             | NR               |
| 370       | 2143             | NR               | 500       | 37103            | NR               | 630       | 99573            | NR               | 760       | 4189             | NR               | 890       | 3116             | NR               |
| 375       | 2413             | NR               | 505       | 42987            | NR               | 635       | 90444            | NR               | 765       | 3677             | NR               | 895       | 3345             | NR               |
| 380       | 2172             | NR               | 510       | 48702            | NR               | 640       | 80749            | NR               | 770       | 3366             | NR               | 900       | 2312             | NR               |
| 385       | 1997             | NR               | 515       | 53741            | NR               | 645       | 71664            | NR               | 775       | 3211             | NR               | 905       | 2829             | NR               |
| 390       | 1830             | NR               | 520       | 57283            | NR               | 650       | 63936            | NR               | 780       | 2682             | NR               | 910       | 2783             | NR               |
| 395       | 1861             | NR               | 525       | 61876            | NR               | 655       | 56611            | NR               | 785       | 2804             | NR               | 915       | 2662             | NR               |
| 400       | 1717             | NR               | 530       | 65398            | NR               | 660       | 49763            | NR               | 790       | 2581             | NR               | 920       | 3047             | NR               |
| 405       | 1761             | NR               | 535       | 69597            | NR               | 665       | 42891            | NR               | 795       | 2711             | NR               | 925       | 2256             | NR               |
| 410       | 2680             | NR               | 540       | 74214            | NR               | 670       | 36939            | NR               | 800       | 2609             | NR               | 930       | 2976             | NR               |
| 415       | 4374             | NR               | 545       | 79911            | NR               | 675       | 31946            | NR               | 805       | 2581             | NR               | 935       | 3503             | NR               |
| 420       | 8071             | NR               | 550       | 86153            | NR               | 680       | 27385            | NR               | 810       | 2404             | NR               | 940       | 4226             | NR               |
| 425       | 15169            | NR               | 555       | 93952            | NR               | 685       | 23504            | NR               | 815       | 2556             | NR               | 945       | 2930             | NR               |
| 430       | 26038            | NR               | 560       | 102904           | NR               | 690       | 20210            | NR               | 820       | 2742             | NR               | 950       | 2115             | NR               |
| 435       | 41316            | NR               | 565       | 112009           | NR               | 695       | 17459            | NR               | 825       | 2014             | NR               | 955       | 2634             | NR               |
| 440       | 59674            | NR               | 570       | 121662           | NR               | 700       | 15207            | NR               | 830       | 2488             | NR               | 960       | 4200             | NR               |
| 445       | 72751            | NR               | 575       | 130476           | NR               | 705       | 13322            | NR               | 835       | 2625             | NR               | 965       | 1982             | NR               |
| 450       | 65091            | NR               | 580       | 137926           | NR               | 710       | 11676            | NR               | 840       | 2754             | NR               | 970       | 3613             | NR               |
| 455       | 44894            | NR               | 585       | 143406           | NR               | 715       | 10626            | NR               | 845       | 2708             | NR               | 975       | 4034             | NR               |
| 460       | 32712            | NR               | 590       | 147039           | NR               | 720       | 9416             | NR               | 850       | 2608             | NR               | 980       | 3922             | NR               |
| 465       | 25296            | NR               | 595       | 147365           | NR               | 725       | 8333             | NR               | 855       | 2605             | NR               | 985       | 1909             | NR               |
| 470       | 19318            | NR               | 600       | 145800           | NR               | 730       | 7134             | NR               | 860       | 1765             | NR               | 990       | 3617             | NR               |
| 475       | 17265            | NR               | 605       | 141363           | NR               | 735       | 6437             | NR               | 865       | 2581             | NR               | 995       | 4767             | NR               |
| 480       | 18260            | NR               | 610       | 134199           | NR               | 740       | 5834             | NR               | 870       | 3016             | NR               | 1000      | 2528             | NR               |
| 485       | 20845            | NR               | 615       | 127683           | NR               | 745       | 5500             | NR               | 875       | 3952             | NR               |           |                  |                  |

REPORT NUMBER: SP1-1908-441-2-R4

**Scotopic Flux vs. Wavelength**



**Scotopic Lumens: 8494.8**

**S/P: 1.23**

| λ<br>(nm) | Power<br>(μW/nm) | Lumens<br>(φ/nm) | λ<br>(nm) | Power<br>(μW/nm) | Lumens<br>(φ/nm) | λ<br>(nm) | Power<br>(μW/nm) | Lumens<br>(φ/nm) | λ<br>(nm) | Power<br>(μW/nm) | Lumens<br>(φ/nm) | λ<br>(nm) | Power<br>(μW/nm) | Lumens<br>(φ/nm) |
|-----------|------------------|------------------|-----------|------------------|------------------|-----------|------------------|------------------|-----------|------------------|------------------|-----------|------------------|------------------|
| 360       | 2397             | NR               | 490       | 24908            | NR               | 620       | 118784           | NR               | 750       | 5037             | NR               | 880       | 2677             | NR               |
| 365       | 2084             | NR               | 495       | 30998            | NR               | 625       | 108951           | NR               | 755       | 4413             | NR               | 885       | 2940             | NR               |
| 370       | 2143             | NR               | 500       | 37103            | NR               | 630       | 99573            | NR               | 760       | 4189             | NR               | 890       | 3116             | NR               |
| 375       | 2413             | NR               | 505       | 42987            | NR               | 635       | 90444            | NR               | 765       | 3677             | NR               | 895       | 3345             | NR               |
| 380       | 2172             | NR               | 510       | 48702            | NR               | 640       | 80749            | NR               | 770       | 3366             | NR               | 900       | 2312             | NR               |
| 385       | 1997             | NR               | 515       | 53741            | NR               | 645       | 71664            | NR               | 775       | 3211             | NR               | 905       | 2829             | NR               |
| 390       | 1830             | NR               | 520       | 57283            | NR               | 650       | 63936            | NR               | 780       | 2682             | NR               | 910       | 2783             | NR               |
| 395       | 1861             | NR               | 525       | 61876            | NR               | 655       | 56611            | NR               | 785       | 2804             | NR               | 915       | 2662             | NR               |
| 400       | 1717             | NR               | 530       | 65398            | NR               | 660       | 49763            | NR               | 790       | 2581             | NR               | 920       | 3047             | NR               |
| 405       | 1761             | NR               | 535       | 69597            | NR               | 665       | 42891            | NR               | 795       | 2711             | NR               | 925       | 2256             | NR               |
| 410       | 2680             | NR               | 540       | 74214            | NR               | 670       | 36939            | NR               | 800       | 2609             | NR               | 930       | 2976             | NR               |
| 415       | 4374             | NR               | 545       | 79911            | NR               | 675       | 31946            | NR               | 805       | 2581             | NR               | 935       | 3503             | NR               |
| 420       | 8071             | NR               | 550       | 86153            | NR               | 680       | 27385            | NR               | 810       | 2404             | NR               | 940       | 4226             | NR               |
| 425       | 15169            | NR               | 555       | 93952            | NR               | 685       | 23504            | NR               | 815       | 2556             | NR               | 945       | 2930             | NR               |
| 430       | 26038            | NR               | 560       | 102904           | NR               | 690       | 20210            | NR               | 820       | 2742             | NR               | 950       | 2115             | NR               |
| 435       | 41316            | NR               | 565       | 112009           | NR               | 695       | 17459            | NR               | 825       | 2014             | NR               | 955       | 2634             | NR               |
| 440       | 59674            | NR               | 570       | 121662           | NR               | 700       | 15207            | NR               | 830       | 2488             | NR               | 960       | 4200             | NR               |
| 445       | 72751            | NR               | 575       | 130476           | NR               | 705       | 13322            | NR               | 835       | 2625             | NR               | 965       | 1982             | NR               |
| 450       | 65091            | NR               | 580       | 137926           | NR               | 710       | 11676            | NR               | 840       | 2754             | NR               | 970       | 3613             | NR               |
| 455       | 44894            | NR               | 585       | 143406           | NR               | 715       | 10626            | NR               | 845       | 2708             | NR               | 975       | 4034             | NR               |
| 460       | 32712            | NR               | 590       | 147039           | NR               | 720       | 9416             | NR               | 850       | 2608             | NR               | 980       | 3922             | NR               |
| 465       | 25296            | NR               | 595       | 147365           | NR               | 725       | 8333             | NR               | 855       | 2605             | NR               | 985       | 1909             | NR               |
| 470       | 19318            | NR               | 600       | 145800           | NR               | 730       | 7134             | NR               | 860       | 1765             | NR               | 990       | 3617             | NR               |
| 475       | 17265            | NR               | 605       | 141363           | NR               | 735       | 6437             | NR               | 865       | 2581             | NR               | 995       | 4767             | NR               |
| 480       | 18260            | NR               | 610       | 134199           | NR               | 740       | 5834             | NR               | 870       | 3016             | NR               | 1000      | 2528             | NR               |
| 485       | 20845            | NR               | 615       | 127683           | NR               | 745       | 5500             | NR               | 875       | 3952             | NR               |           |                  |                  |

REPORT NUMBER: SP1-1908-441-2-R4

**Melanopic Flux vs. Wavelength**



**Melanopic Lumens: 3101.5**

**M/P: 0.45**

| λ<br>(nm) | Power<br>(μW/nm) | Lumens<br>(φ/nm) | λ<br>(nm) | Power<br>(μW/nm) | Lumens<br>(φ/nm) | λ<br>(nm) | Power<br>(μW/nm) | Lumens<br>(φ/nm) | λ<br>(nm) | Power<br>(μW/nm) | Lumens<br>(φ/nm) | λ<br>(nm) | Power<br>(μW/nm) | Lumens<br>(φ/nm) |
|-----------|------------------|------------------|-----------|------------------|------------------|-----------|------------------|------------------|-----------|------------------|------------------|-----------|------------------|------------------|
| 360       | 2397             | NR               | 490       | 24908            | NR               | 620       | 118784           | NR               | 750       | 5037             | NR               | 880       | 2677             | NR               |
| 365       | 2084             | NR               | 495       | 30998            | NR               | 625       | 108951           | NR               | 755       | 4413             | NR               | 885       | 2940             | NR               |
| 370       | 2143             | NR               | 500       | 37103            | NR               | 630       | 99573            | NR               | 760       | 4189             | NR               | 890       | 3116             | NR               |
| 375       | 2413             | NR               | 505       | 42987            | NR               | 635       | 90444            | NR               | 765       | 3677             | NR               | 895       | 3345             | NR               |
| 380       | 2172             | NR               | 510       | 48702            | NR               | 640       | 80749            | NR               | 770       | 3366             | NR               | 900       | 2312             | NR               |
| 385       | 1997             | NR               | 515       | 53741            | NR               | 645       | 71664            | NR               | 775       | 3211             | NR               | 905       | 2829             | NR               |
| 390       | 1830             | NR               | 520       | 57283            | NR               | 650       | 63936            | NR               | 780       | 2682             | NR               | 910       | 2783             | NR               |
| 395       | 1861             | NR               | 525       | 61876            | NR               | 655       | 56611            | NR               | 785       | 2804             | NR               | 915       | 2662             | NR               |
| 400       | 1717             | NR               | 530       | 65398            | NR               | 660       | 49763            | NR               | 790       | 2581             | NR               | 920       | 3047             | NR               |
| 405       | 1761             | NR               | 535       | 69597            | NR               | 665       | 42891            | NR               | 795       | 2711             | NR               | 925       | 2256             | NR               |
| 410       | 2680             | NR               | 540       | 74214            | NR               | 670       | 36939            | NR               | 800       | 2609             | NR               | 930       | 2976             | NR               |
| 415       | 4374             | NR               | 545       | 79911            | NR               | 675       | 31946            | NR               | 805       | 2581             | NR               | 935       | 3503             | NR               |
| 420       | 8071             | NR               | 550       | 86153            | NR               | 680       | 27385            | NR               | 810       | 2404             | NR               | 940       | 4226             | NR               |
| 425       | 15169            | NR               | 555       | 93952            | NR               | 685       | 23504            | NR               | 815       | 2556             | NR               | 945       | 2930             | NR               |
| 430       | 26038            | NR               | 560       | 102904           | NR               | 690       | 20210            | NR               | 820       | 2742             | NR               | 950       | 2115             | NR               |
| 435       | 41316            | NR               | 565       | 112009           | NR               | 695       | 17459            | NR               | 825       | 2014             | NR               | 955       | 2634             | NR               |
| 440       | 59674            | NR               | 570       | 121662           | NR               | 700       | 15207            | NR               | 830       | 2488             | NR               | 960       | 4200             | NR               |
| 445       | 72751            | NR               | 575       | 130476           | NR               | 705       | 13322            | NR               | 835       | 2625             | NR               | 965       | 1982             | NR               |
| 450       | 65091            | NR               | 580       | 137926           | NR               | 710       | 11676            | NR               | 840       | 2754             | NR               | 970       | 3613             | NR               |
| 455       | 44894            | NR               | 585       | 143406           | NR               | 715       | 10626            | NR               | 845       | 2708             | NR               | 975       | 4034             | NR               |
| 460       | 32712            | NR               | 590       | 147039           | NR               | 720       | 9416             | NR               | 850       | 2608             | NR               | 980       | 3922             | NR               |
| 465       | 25296            | NR               | 595       | 147365           | NR               | 725       | 8333             | NR               | 855       | 2605             | NR               | 985       | 1909             | NR               |
| 470       | 19318            | NR               | 600       | 145800           | NR               | 730       | 7134             | NR               | 860       | 1765             | NR               | 990       | 3617             | NR               |
| 475       | 17265            | NR               | 605       | 141363           | NR               | 735       | 6437             | NR               | 865       | 2581             | NR               | 995       | 4767             | NR               |
| 480       | 18260            | NR               | 610       | 134199           | NR               | 740       | 5834             | NR               | 870       | 3016             | NR               | 1000      | 2528             | NR               |
| 485       | 20845            | NR               | 615       | 127683           | NR               | 745       | 5500             | NR               | 875       | 3952             | NR               |           |                  |                  |

REPORT NUMBER: SP1-1908-441-2-R4

**TM-30-18**

### Summary

$R_f = 75.7$   
 $R_g = 93.9$   
 $CIE R_a = 71.8$   
 $R_g = -38.3$



### Color Vector Graphics



REPORT NUMBER: SP1-1908-441-2-R4

TM-30-18

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

|            |            |            |            |
|------------|------------|------------|------------|
| CES01 = 86 | CES26 = 67 | CES51 = 87 | CES76 = 63 |
| CES02 = 63 | CES27 = 88 | CES52 = 86 | CES77 = 80 |
| CES03 = 31 | CES28 = 87 | CES53 = 78 | CES78 = 67 |
| CES04 = 71 | CES29 = 66 | CES54 = 84 | CES79 = 87 |
| CES05 = 49 | CES30 = 73 | CES55 = 84 | CES80 = 86 |
| CES06 = 51 | CES31 = 70 | CES56 = 75 | CES81 = 71 |
| CES07 = 41 | CES32 = 65 | CES57 = 74 | CES82 = 94 |
| CES08 = 40 | CES33 = 73 | CES58 = 76 | CES83 = 90 |
| CES09 = 29 | CES34 = 79 | CES59 = 85 | CES84 = 89 |
| CES10 = 76 | CES35 = 89 | CES60 = 93 | CES85 = 77 |
| CES11 = 59 | CES36 = 97 | CES61 = 84 | CES86 = 61 |
| CES12 = 65 | CES37 = 87 | CES62 = 91 | CES87 = 78 |
| CES13 = 43 | CES38 = 81 | CES63 = 77 | CES88 = 77 |
| CES14 = 74 | CES39 = 95 | CES64 = 72 | CES89 = 67 |
| CES15 = 71 | CES40 = 92 | CES65 = 68 | CES90 = 76 |
| CES16 = 47 | CES41 = 88 | CES66 = 69 | CES91 = 89 |
| CES17 = 50 | CES42 = 89 | CES67 = 67 | CES92 = 58 |
| CES18 = 56 | CES43 = 79 | CES68 = 72 | CES93 = 74 |
| CES19 = 73 | CES44 = 99 | CES69 = 81 | CES94 = 49 |
| CES20 = 66 | CES45 = 85 | CES70 = 66 | CES95 = 68 |
| CES21 = 87 | CES46 = 80 | CES71 = 67 | CES96 = 76 |
| CES22 = 79 | CES47 = 82 | CES72 = 88 | CES97 = 82 |
| CES23 = 92 | CES48 = 69 | CES73 = 59 | CES98 = 75 |
| CES24 = 91 | CES49 = 80 | CES74 = 95 | CES99 = 62 |
| CES25 = 73 | CES50 = 87 | CES75 = 69 |            |



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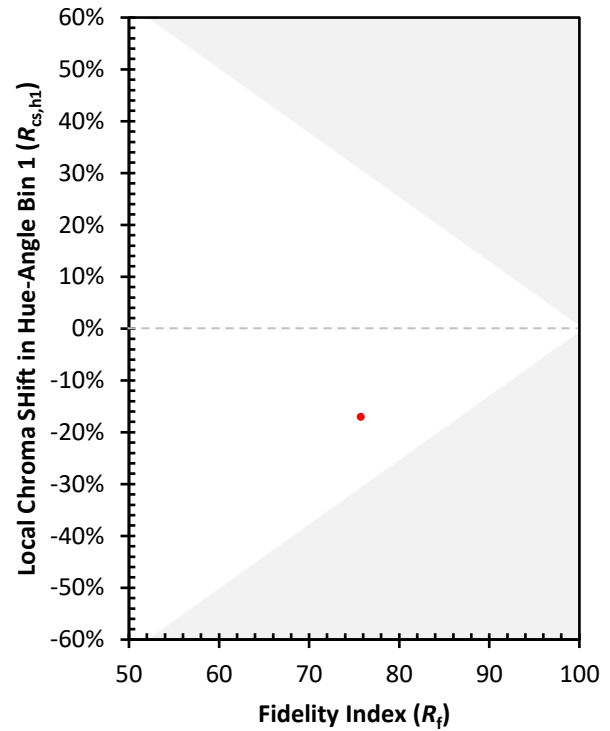
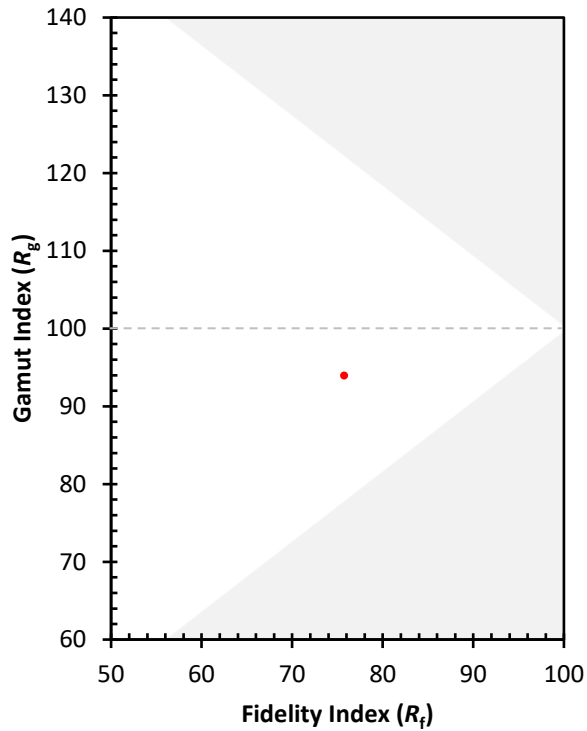
**Color Rendition by Hue-Angle Bin**



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**Measure Comparisons**



(END OF REPORT)