

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: P320366

Luminaire Tested: **GLEON-SA2C-750-U-SLL**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P320366  
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-750-U-SLL  
Description: GALLEON AREA AND ROADWAY LUMINAIRE  
(2) 70 CRI, 5000K, 1050mA LIGHTSQUARES WITH 16 LEDS EACH AND SPILL LIGHT  
ELIMINATOR LEFT OPTICS  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 12718 lumens  
Efficiency: N/A  
Efficacy: 112.5 lumens/watt  
Luminous Opening: Rectangular (W 0.5' x L: 1' x H: 0')  
IES Classification: Type III - Medium  
BUG Rating: B2 - U0 - G3

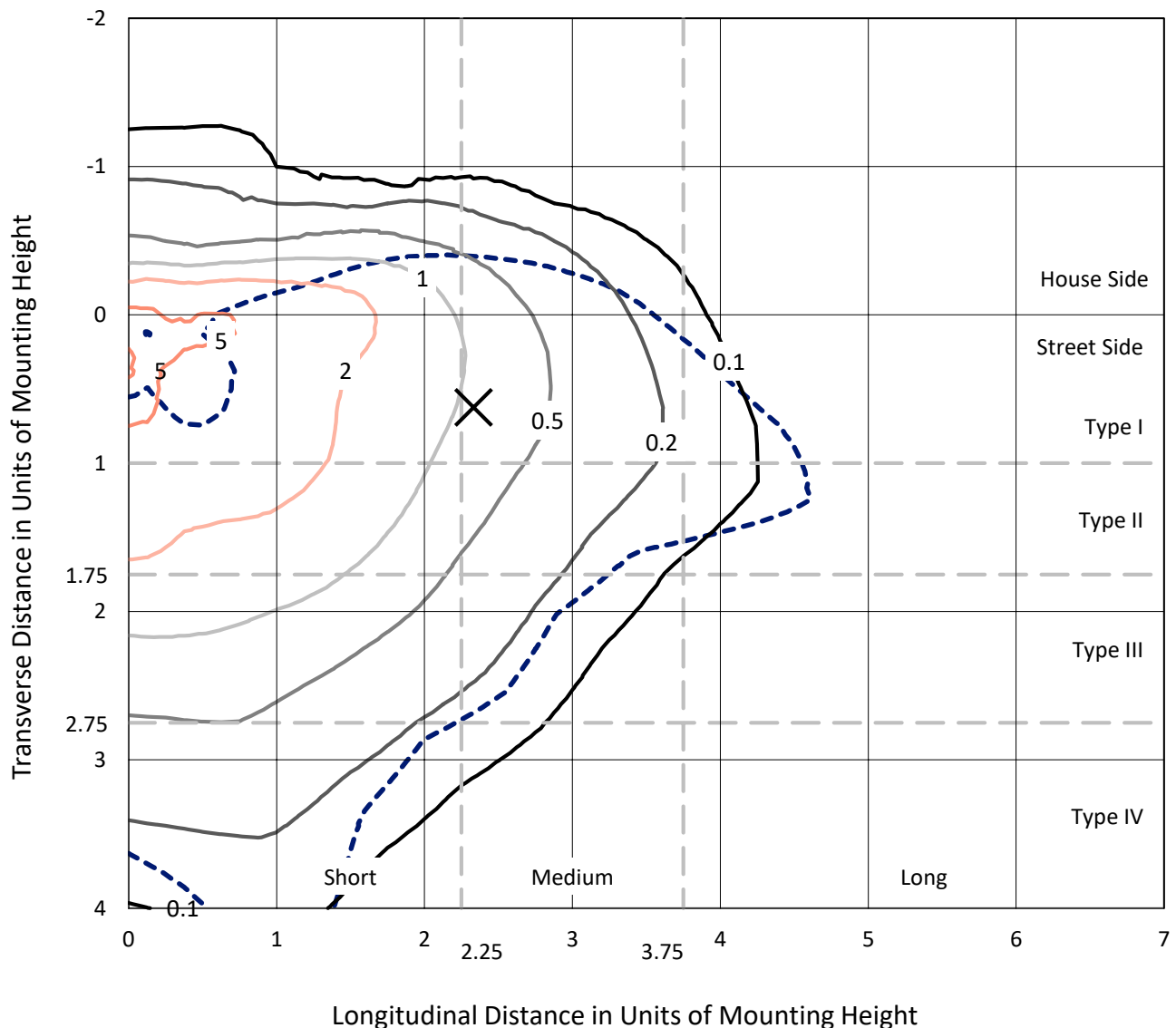
Input Watts (W): 113  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT



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 CATALOG NUMBER: GLEON-SA2C-750-U-SLL

## Iso-Footcandle Lines of Horizontal Illumination

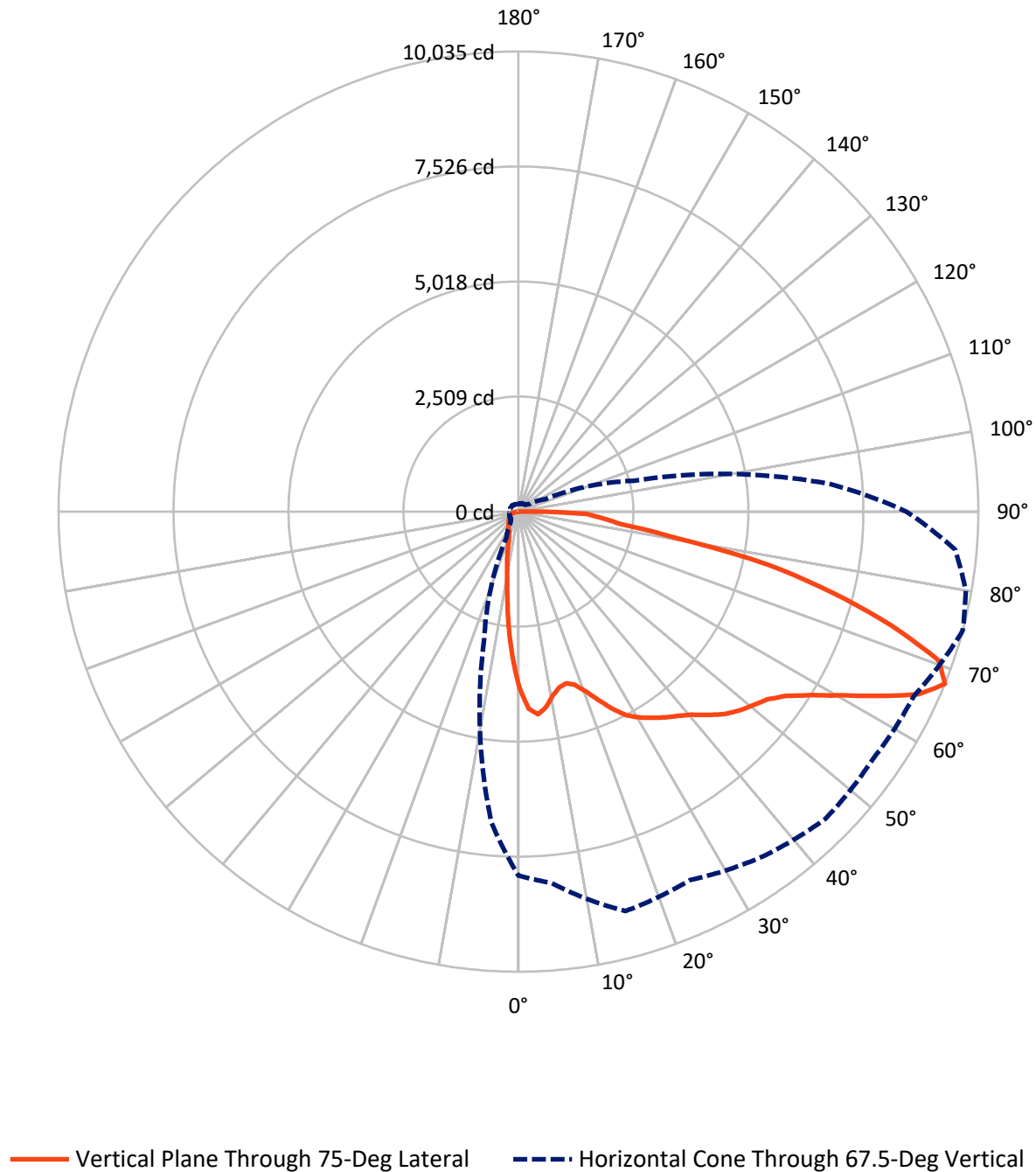
✕ Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 7.8 fc  
 Type III - Medium - N/A

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## Luminous Intensity Polar Plot



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CATALOG NUMBER: GLEON-SA2C-750-U-SLL

**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total   |
|--------------------|-----------|----------|--------|---------|
| <b>House Side</b>  | Lumens    | 2239.9   | 0.0    | 2239.9  |
|                    | % Fixture | 17.6     | 0.0    | 17.6    |
| <b>Street Side</b> | Lumens    | 10478.0  | 0.0    | 10478.0 |
|                    | % Fixture | 82.4     | 0.0    | 82.4    |
| <b>Total</b>       | Lumens    | 12718.0  | 0.0    | 12718.0 |
|                    | % Fixture | 100.0    | 0.0    | 100.0   |

**ZONAL LUMENS:**

| Zone      | Lumens  | % Fixture |
|-----------|---------|-----------|
| 0°-10°    | 299.0   | 2.4       |
| 10°-20°   | 621.2   | 4.9       |
| 20°-30°   | 883.5   | 6.9       |
| 30°-40°   | 1273.1  | 10.0      |
| 40°-50°   | 1794.2  | 14.1      |
| 50°-60°   | 2494.2  | 19.6      |
| 60°-70°   | 3016.3  | 23.7      |
| 70°-80°   | 1854.0  | 14.6      |
| 80°-90°   | 482.5   | 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°    | 12718.0 | 100.0     |
| 0°-180°   | 12718.0 | 100.0     |

**Coefficient of Utilization**



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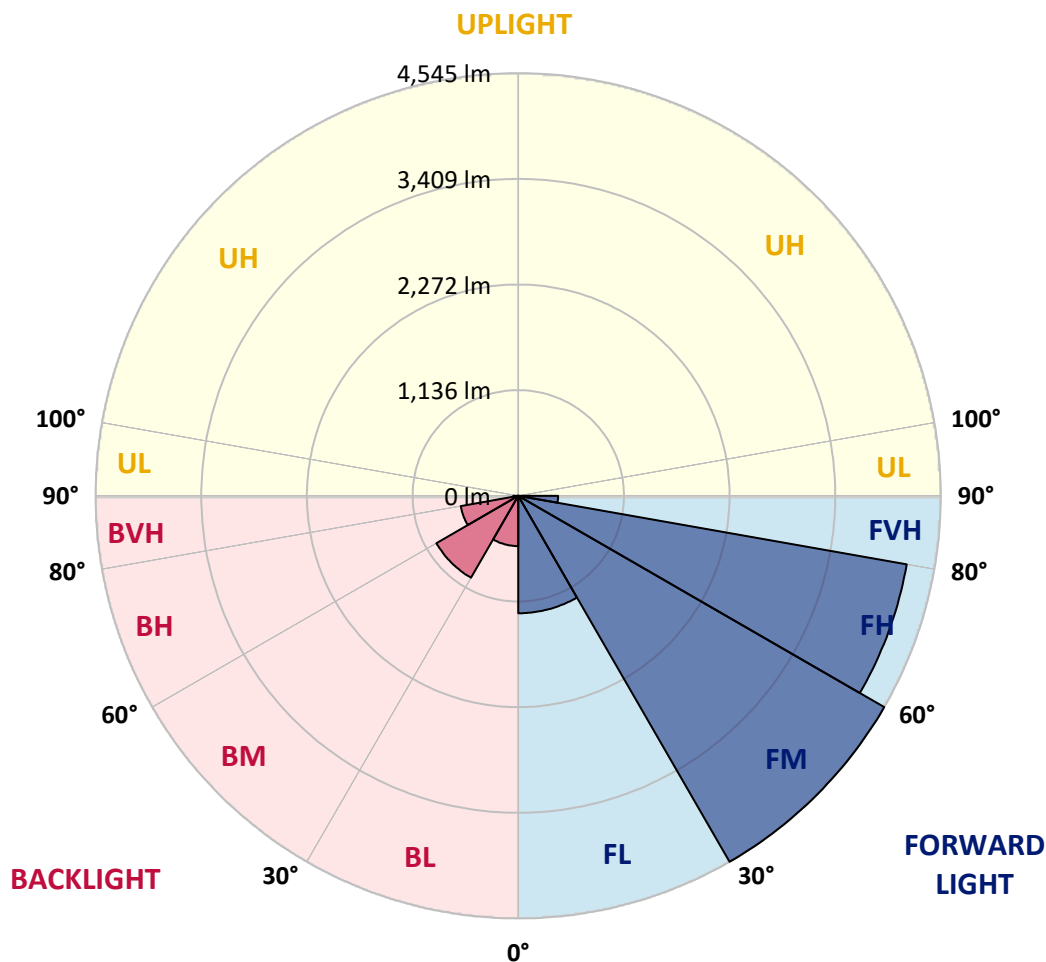
CATALOG NUMBER: GLEON-SA2C-750-U-SLL

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

| Zone |             | Lumens | % Fixture | Zone Rating/Lumen Limit |      |         |
|------|-------------|--------|-----------|-------------------------|------|---------|
|      |             |        |           | B                       | U    | G       |
| FL   | (0°-30°)    | 1262.8 | 9.9       |                         |      |         |
| FM   | (30°-60°)   | 4544.7 | 35.7      |                         |      |         |
| FH   | (60°-80°)   | 4242.3 | 33.4      |                         |      | G2/5000 |
| FVH  | (80°-90°)   | 428.2  | 3.4       |                         |      | G3/500  |
| BL   | (0°-30°)    | 541.0  | 4.3       | B2/1000                 |      |         |
| BM   | (30°-60°)   | 1016.8 | 8.0       | B2/2500                 |      |         |
| BH   | (60°-80°)   | 628.0  | 4.9       | B2/1000                 |      | G2/1000 |
| BVH  | (80°-90°)   | 54.2   | 0.4       |                         |      | G1/100  |
| UL   | (90°-100°)  | 0.0    | 0.0       |                         | U0/0 |         |
| UH   | (100°-180°) | 0.0    | 0.0       |                         | U0/0 |         |

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

Type III Medium





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CATALOG NUMBER: GLEON-SA2C-750-U-SLL

**CANDELA DISTRIBUTION (FULL):**

|        | 0°     | 5°     | 10°    | 15°    | 20°    | 25°    | 30°    | 35°    | 40°    | 45°    | 50°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 3874.6 | 3874.6 | 3874.6 | 3874.6 | 3874.6 | 3874.6 | 3874.6 | 3874.6 | 3874.6 | 3874.6 | 3874.6 |
| 2.5°   | 4129.9 | 4184.3 | 4221.9 | 4259.0 | 4288.0 | 4316.5 | 4358.2 | 4399.9 | 4408.0 | 4415.6 | 4399.3 |
| 5°     | 4105.4 | 4238.2 | 4351.0 | 4463.4 | 4567.7 | 4671.9 | 4734.4 | 4797.0 | 4809.7 | 4822.4 | 4783.2 |
| 7.5°   | 3842.6 | 4038.3 | 4234.1 | 4429.9 | 4609.3 | 4788.8 | 4898.2 | 5007.0 | 5031.9 | 5056.3 | 4992.2 |
| 10°    | 3543.6 | 3771.4 | 4011.9 | 4252.4 | 4488.8 | 4725.3 | 4883.4 | 5041.6 | 5073.1 | 5104.6 | 5024.8 |
| 12.5°  | 3316.3 | 3564.9 | 3821.7 | 4078.5 | 4328.2 | 4577.3 | 4741.0 | 4904.8 | 4943.9 | 4983.1 | 4925.1 |
| 15°    | 3228.8 | 3501.4 | 3742.9 | 3984.4 | 4202.1 | 4419.2 | 4553.4 | 4687.1 | 4703.4 | 4719.2 | 4710.0 |
| 17.5°  | 3316.3 | 3616.8 | 3835.4 | 4053.6 | 4172.1 | 4290.0 | 4343.9 | 4397.3 | 4415.1 | 4432.4 | 4455.8 |
| 20°    | 3572.1 | 3896.5 | 4050.5 | 4204.1 | 4199.0 | 4193.4 | 4167.5 | 4141.0 | 4136.5 | 4131.9 | 4198.0 |
| 22.5°  | 3937.1 | 4313.9 | 4375.4 | 4436.5 | 4293.6 | 4150.7 | 4063.8 | 3976.3 | 3959.0 | 3941.2 | 4011.4 |
| 25°    | 4365.8 | 4767.0 | 4755.8 | 4744.1 | 4472.1 | 4199.5 | 4033.8 | 3868.0 | 3848.7 | 3829.3 | 3889.3 |
| 27.5°  | 4832.1 | 5215.5 | 5142.2 | 5069.0 | 4699.3 | 4329.7 | 4089.2 | 3848.7 | 3829.3 | 3810.0 | 3862.9 |
| 30°    | 5196.6 | 5544.4 | 5427.0 | 5309.5 | 4891.0 | 4472.6 | 4186.8 | 3901.0 | 3869.5 | 3837.5 | 3902.6 |
| 32.5°  | 5505.3 | 5801.2 | 5643.6 | 5486.0 | 5046.6 | 4607.3 | 4298.2 | 3989.0 | 3939.7 | 3890.4 | 3977.3 |
| 35°    | 5826.6 | 6057.5 | 5835.8 | 5613.6 | 5185.5 | 4756.8 | 4429.9 | 4102.4 | 4041.9 | 3981.4 | 4100.9 |
| 37.5°  | 6188.2 | 6379.9 | 6061.6 | 5742.7 | 5341.6 | 4940.4 | 4627.1 | 4313.4 | 4251.4 | 4189.3 | 4341.9 |
| 40°    | 6570.0 | 6729.7 | 6305.1 | 5880.5 | 5512.4 | 5144.3 | 4900.2 | 4655.6 | 4596.6 | 4537.1 | 4722.2 |
| 42.5°  | 6904.1 | 7020.5 | 6531.9 | 6043.3 | 5718.3 | 5392.9 | 5221.0 | 5048.7 | 5048.2 | 5047.1 | 5234.8 |
| 45°    | 7155.8 | 7257.0 | 6721.1 | 6184.6 | 5919.2 | 5653.3 | 5563.8 | 5474.3 | 5546.0 | 5617.7 | 5787.5 |
| 47.5°  | 7364.8 | 7433.4 | 6879.7 | 6325.5 | 6149.0 | 5972.6 | 5985.8 | 5999.0 | 6145.0 | 6290.9 | 6400.2 |
| 50°    | 7603.8 | 7548.3 | 7023.6 | 6498.3 | 6443.9 | 6389.5 | 6508.5 | 6627.0 | 6794.8 | 6962.1 | 7036.3 |
| 52.5°  | 7862.6 | 7715.6 | 7218.9 | 6721.6 | 6782.6 | 6843.6 | 7085.6 | 7327.7 | 7497.0 | 7666.3 | 7694.3 |
| 55°    | 8327.8 | 8102.6 | 7577.8 | 7052.6 | 7170.0 | 7287.0 | 7642.4 | 7997.3 | 8129.5 | 8261.7 | 8271.9 |
| 57.5°  | 8852.1 | 8652.3 | 8080.7 | 7509.2 | 7635.3 | 7761.4 | 8171.7 | 8581.6 | 8724.5 | 8866.8 | 8847.0 |
| 60°    | 9053.9 | 9063.6 | 8558.2 | 8052.2 | 8179.4 | 8306.5 | 8706.2 | 9105.8 | 9270.1 | 9433.8 | 9390.1 |
| 62.5°  | 8850.6 | 9089.0 | 8819.0 | 8548.5 | 8663.9 | 8778.9 | 9170.4 | 9561.9 | 9730.2 | 9898.5 | 9822.3 |
| 65°    | 8448.4 | 8684.8 | 8805.8 | 8926.8 | 8965.0 | 9003.1 | 9368.7 | 9733.8 | 9862.9 | 9991.6 | 9952.9 |
| 67.5°  | 7936.8 | 8128.0 | 8574.5 | 9020.4 | 8943.6 | 8866.8 | 9038.2 | 9209.5 | 9342.3 | 9475.0 | 9453.1 |
| 70°    | 7344.4 | 7572.2 | 8167.7 | 8763.1 | 8385.8 | 8008.0 | 7937.3 | 7866.7 | 8010.0 | 8152.9 | 8064.5 |
| 72.5°  | 6282.2 | 6626.0 | 7261.1 | 7895.6 | 7200.5 | 6505.5 | 6263.9 | 6022.4 | 6203.9 | 6385.5 | 6244.6 |
| 75°    | 4745.1 | 5201.2 | 5902.9 | 6604.1 | 5774.8 | 4945.5 | 4623.1 | 4300.7 | 4456.8 | 4612.9 | 4516.3 |
| 77.5°  | 3300.0 | 3872.1 | 4563.1 | 5254.1 | 4411.0 | 3567.5 | 3328.0 | 3088.0 | 3134.8 | 3181.0 | 3164.8 |
| 80°    | 2250.0 | 2626.3 | 3108.3 | 3589.9 | 3028.5 | 2467.1 | 2485.9 | 2504.3 | 2482.4 | 2460.0 | 2492.6 |
| 82.5°  | 1411.0 | 1675.9 | 2048.1 | 2419.8 | 2121.9 | 1823.9 | 1994.8 | 2165.6 | 2081.7 | 1997.3 | 2028.8 |
| 85°    | 794.8  | 956.4  | 1320.5 | 1684.1 | 1569.7 | 1454.8 | 1554.9 | 1654.6 | 1524.4 | 1394.2 | 1451.7 |
| 87.5°  | 151.5  | 252.2  | 730.7  | 1208.7 | 1097.3 | 985.9  | 856.8  | 727.6  | 555.3  | 382.9  | 559.3  |
| 90°    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 92.5°  | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 95°    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 97.5°  | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 100°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 102.5° | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 105°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 107.5° | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 110°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |



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 CATALOG NUMBER: GLEON-SA2C-750-U-SLL

**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°     | 3874.6 | 3874.6 | 3874.6 | 3874.6 | 3874.6  | 3874.6 | 3874.6 | 3874.6 | 3874.6 | 3874.6 | 3874.6 |
| 2.5°   | 4383.1 | 4374.4 | 4365.8 | 4334.8 | 4303.2  | 4256.5 | 4217.8 | 4150.7 | 4114.1 | 4058.7 | 4003.2 |
| 5°     | 4743.6 | 4688.7 | 4633.8 | 4539.2 | 4444.1  | 4338.3 | 4216.8 | 4082.1 | 3980.4 | 3848.2 | 3716.0 |
| 7.5°   | 4928.2 | 4800.0 | 4671.4 | 4489.9 | 4307.8  | 4144.1 | 3951.9 | 3772.9 | 3620.4 | 3448.5 | 3276.6 |
| 10°    | 4944.9 | 4752.7 | 4560.0 | 4324.1 | 4087.7  | 3888.8 | 3667.6 | 3468.8 | 3285.8 | 3088.5 | 2890.7 |
| 12.5°  | 4866.6 | 4662.2 | 4457.3 | 4197.5 | 3937.1  | 3711.4 | 3473.4 | 3250.7 | 3047.8 | 2830.7 | 2613.1 |
| 15°    | 4700.9 | 4537.7 | 4373.9 | 4130.4 | 3886.8  | 3659.0 | 3428.2 | 3164.3 | 2934.9 | 2712.7 | 2490.0 |
| 17.5°  | 4478.7 | 4401.4 | 4323.6 | 4147.7 | 3971.2  | 3773.9 | 3550.2 | 3240.5 | 2972.1 | 2730.5 | 2489.0 |
| 20°    | 4263.6 | 4292.1 | 4320.0 | 4249.9 | 4179.7  | 4021.5 | 3826.3 | 3478.5 | 3135.8 | 2820.0 | 2503.7 |
| 22.5°  | 4081.0 | 4217.8 | 4354.1 | 4408.5 | 4462.4  | 4367.3 | 4214.8 | 3812.6 | 3359.0 | 2946.6 | 2534.3 |
| 25°    | 3948.8 | 4175.6 | 4402.4 | 4583.4 | 4763.9  | 4721.7 | 4604.3 | 4218.3 | 3654.9 | 3129.2 | 2602.9 |
| 27.5°  | 3915.8 | 4193.9 | 4472.1 | 4752.7 | 5032.9  | 5072.1 | 5039.5 | 4646.0 | 4007.8 | 3356.0 | 2703.6 |
| 30°    | 3967.6 | 4249.3 | 4530.5 | 4872.2 | 5213.4  | 5369.5 | 5413.3 | 5002.4 | 4411.0 | 3620.4 | 2829.2 |
| 32.5°  | 4064.3 | 4340.4 | 4616.5 | 4988.7 | 5360.4  | 5596.3 | 5735.6 | 5328.3 | 4692.2 | 3819.7 | 2946.6 |
| 35°    | 4220.4 | 4478.7 | 4737.0 | 5124.4 | 5511.9  | 5817.0 | 6071.2 | 5664.9 | 4941.9 | 3959.0 | 2975.6 |
| 37.5°  | 4493.9 | 4716.1 | 4938.3 | 5296.3 | 5653.8  | 6049.4 | 6431.2 | 6035.6 | 5211.9 | 4093.2 | 2974.1 |
| 40°    | 4907.3 | 5064.4 | 5221.0 | 5523.6 | 5825.6  | 6323.4 | 6839.0 | 6449.0 | 5510.4 | 4238.7 | 2967.0 |
| 42.5°  | 5422.4 | 5503.3 | 5583.6 | 5823.1 | 6062.6  | 6609.7 | 7209.2 | 6853.3 | 5795.1 | 4373.9 | 2952.7 |
| 45°    | 5956.8 | 5978.2 | 5999.5 | 6150.5 | 6301.1  | 6836.5 | 7461.4 | 7156.8 | 6043.8 | 4491.4 | 2938.5 |
| 47.5°  | 6509.0 | 6435.8 | 6362.6 | 6422.6 | 6482.6  | 7010.4 | 7641.4 | 7387.2 | 6293.4 | 4621.6 | 2949.2 |
| 50°    | 7110.5 | 6906.6 | 6702.7 | 6671.2 | 6639.7  | 7184.3 | 7853.4 | 7680.0 | 6593.4 | 4811.2 | 3029.0 |
| 52.5°  | 7721.7 | 7385.6 | 7049.5 | 6925.0 | 6799.9  | 7391.7 | 8134.6 | 8044.6 | 7021.6 | 5105.1 | 3188.2 |
| 55°    | 8282.1 | 7854.5 | 7426.8 | 7259.0 | 7091.2  | 7709.0 | 8477.8 | 8580.0 | 7570.2 | 5480.9 | 3391.0 |
| 57.5°  | 8826.7 | 8342.1 | 7857.5 | 7701.9 | 7546.3  | 8175.3 | 8912.6 | 9060.6 | 8124.5 | 5841.4 | 3557.8 |
| 60°    | 9346.3 | 8866.8 | 8386.8 | 8262.3 | 8137.2  | 8755.0 | 9382.4 | 9274.6 | 8410.2 | 6010.2 | 3609.7 |
| 62.5°  | 9746.0 | 9364.6 | 8983.3 | 8917.7 | 8851.6  | 9341.2 | 9743.4 | 9191.2 | 8228.7 | 5843.9 | 3459.2 |
| 65°    | 9914.3 | 9697.2 | 9479.5 | 9541.1 | 9602.1  | 9784.6 | 9833.4 | 8947.2 | 7658.2 | 5378.2 | 3098.2 |
| 67.5°  | 9430.7 | 9475.0 | 9519.2 | 9777.5 | 10035.3 | 9909.7 | 9566.0 | 8466.1 | 6846.1 | 4718.2 | 2590.2 |
| 70°    | 7975.5 | 8240.9 | 8505.8 | 9117.0 | 9727.7  | 9449.0 | 8849.5 | 7602.8 | 5868.8 | 3958.0 | 2046.6 |
| 72.5°  | 6103.3 | 6401.7 | 6699.7 | 7606.8 | 8513.4  | 8256.7 | 7522.4 | 6244.6 | 4705.5 | 3160.7 | 1615.4 |
| 75°    | 4419.2 | 4756.3 | 5092.9 | 6093.6 | 7094.3  | 6737.8 | 5626.8 | 4471.0 | 3574.1 | 2412.7 | 1250.9 |
| 77.5°  | 3148.0 | 3373.7 | 3599.5 | 4588.0 | 5576.0  | 4995.3 | 3745.4 | 3008.7 | 2473.7 | 1677.0 | 879.7  |
| 80°    | 2525.1 | 2455.9 | 2386.8 | 2937.5 | 3488.2  | 3391.5 | 2477.3 | 1932.2 | 1712.0 | 1123.7 | 535.4  |
| 82.5°  | 2059.8 | 1891.0 | 1722.2 | 1981.5 | 2240.9  | 2226.6 | 1719.2 | 1417.6 | 1274.2 | 781.0  | 287.8  |
| 85°    | 1508.7 | 1441.0 | 1373.4 | 1602.7 | 1832.0  | 1636.3 | 1164.4 | 901.0  | 993.6  | 575.1  | 156.6  |
| 87.5°  | 735.8  | 840.5  | 944.8  | 1215.3 | 1485.3  | 1115.1 | 353.4  | 174.9  | 242.0  | 159.2  | 75.8   |
| 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    |



REPORT NUMBER: P320366  
 CATALOG NUMBER: GLEON-SA2C-750-U-SLL

**CANDELA DISTRIBUTION (continued):**

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



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CATALOG NUMBER: GLEON-SA2C-750-U-SLL

**CANDELA DISTRIBUTION (continued):**

|        | 110°   | 115°   | 120°   | 125°   | 130°   | 135°   | 140°   | 145°   | 150°   | 155°   | 160°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 3874.6 | 3874.6 | 3874.6 | 3874.6 | 3874.6 | 3874.6 | 3874.6 | 3874.6 | 3874.6 | 3874.6 | 3874.6 |
| 2.5°   | 3962.1 | 3920.4 | 3873.1 | 3825.8 | 3771.9 | 3717.5 | 3685.4 | 3652.9 | 3617.8 | 3582.7 | 3543.1 |
| 5°     | 3628.5 | 3541.0 | 3441.9 | 3342.7 | 3244.6 | 3146.5 | 3093.6 | 3040.7 | 2984.8 | 2928.3 | 2879.5 |
| 7.5°   | 3149.5 | 3021.9 | 2884.6 | 2746.8 | 2624.8 | 2502.2 | 2426.5 | 2350.2 | 2281.0 | 2211.4 | 2152.9 |
| 10°    | 2728.0 | 2565.3 | 2427.5 | 2289.2 | 2197.1 | 2105.1 | 2035.4 | 1965.8 | 1898.7 | 1831.0 | 1766.5 |
| 12.5°  | 2450.4 | 2287.6 | 2200.2 | 2112.7 | 2036.5 | 1960.2 | 1879.8 | 1799.0 | 1707.0 | 1614.4 | 1546.8 |
| 15°    | 2342.0 | 2194.1 | 2097.0 | 1999.3 | 1897.1 | 1794.4 | 1695.8 | 1597.1 | 1488.3 | 1379.5 | 1302.7 |
| 17.5°  | 2295.3 | 2101.5 | 1965.8 | 1829.5 | 1694.8 | 1560.0 | 1445.6 | 1331.2 | 1212.2 | 1093.2 | 1015.4 |
| 20°    | 2245.9 | 1988.1 | 1806.1 | 1623.6 | 1450.7 | 1277.8 | 1148.1 | 1018.5 | 912.2  | 805.9  | 746.4  |
| 22.5°  | 2201.2 | 1867.6 | 1639.3 | 1410.5 | 1206.1 | 1001.7 | 874.6  | 747.0  | 681.9  | 616.8  | 592.9  |
| 25°    | 2182.9 | 1762.4 | 1481.7 | 1201.0 | 985.4  | 769.3  | 678.8  | 588.3  | 563.4  | 538.0  | 525.8  |
| 27.5°  | 2185.9 | 1668.3 | 1349.0 | 1029.2 | 834.9  | 640.7  | 578.6  | 516.6  | 501.4  | 485.6  | 478.0  |
| 30°    | 2197.6 | 1566.1 | 1223.9 | 881.7  | 721.5  | 561.4  | 521.2  | 480.5  | 464.2  | 448.0  | 438.3  |
| 32.5°  | 2210.9 | 1474.6 | 1127.3 | 779.5  | 648.8  | 517.6  | 484.6  | 451.0  | 435.3  | 419.5  | 409.8  |
| 35°    | 2188.0 | 1399.8 | 1061.2 | 722.5  | 602.0  | 481.0  | 453.1  | 424.6  | 407.3  | 390.0  | 380.8  |
| 37.5°  | 2149.3 | 1324.6 | 1009.8 | 694.6  | 571.5  | 448.0  | 427.6  | 406.8  | 389.0  | 370.7  | 362.0  |
| 40°    | 2114.2 | 1261.0 | 971.7  | 681.9  | 554.7  | 427.1  | 409.8  | 392.5  | 374.2  | 355.4  | 345.3  |
| 42.5°  | 2085.8 | 1218.3 | 934.1  | 649.8  | 539.5  | 428.6  | 404.2  | 379.3  | 361.5  | 343.7  | 332.5  |
| 45°    | 2064.4 | 1190.3 | 904.6  | 618.8  | 525.3  | 431.7  | 400.7  | 369.7  | 351.9  | 333.6  | 320.3  |
| 47.5°  | 2062.4 | 1175.6 | 883.7  | 591.9  | 498.3  | 404.2  | 391.5  | 378.8  | 352.9  | 326.4  | 311.2  |
| 50°    | 2090.4 | 1151.7 | 859.3  | 566.4  | 472.4  | 378.3  | 395.6  | 412.4  | 368.1  | 323.4  | 304.1  |
| 52.5°  | 2148.8 | 1109.5 | 820.7  | 531.9  | 440.8  | 349.3  | 376.3  | 402.7  | 364.6  | 325.9  | 301.0  |
| 55°    | 2219.5 | 1047.5 | 762.2  | 476.4  | 399.2  | 321.4  | 345.3  | 368.6  | 344.7  | 320.3  | 290.3  |
| 57.5°  | 2263.7 | 969.2  | 688.5  | 407.8  | 352.4  | 297.0  | 310.7  | 323.9  | 314.2  | 304.6  | 274.1  |
| 60°    | 2237.3 | 864.9  | 605.6  | 345.8  | 311.2  | 276.6  | 274.1  | 271.0  | 285.3  | 299.5  | 264.4  |
| 62.5°  | 2108.1 | 757.1  | 532.4  | 307.6  | 281.7  | 255.3  | 249.7  | 243.6  | 267.0  | 289.8  | 252.7  |
| 65°    | 1890.0 | 681.9  | 486.1  | 290.3  | 261.4  | 232.4  | 226.3  | 220.2  | 227.3  | 234.4  | 217.1  |
| 67.5°  | 1612.9 | 635.6  | 459.7  | 283.7  | 248.6  | 213.1  | 205.9  | 198.8  | 197.3  | 195.8  | 189.7  |
| 70°    | 1327.1 | 607.1  | 442.4  | 277.6  | 234.9  | 191.7  | 185.1  | 178.5  | 176.4  | 173.9  | 169.3  |
| 72.5°  | 1109.5 | 603.6  | 440.3  | 277.1  | 223.7  | 170.3  | 164.2  | 158.1  | 155.6  | 152.5  | 149.0  |
| 75°    | 908.6  | 566.4  | 418.0  | 269.5  | 208.5  | 146.9  | 141.4  | 135.8  | 133.7  | 131.2  | 128.1  |
| 77.5°  | 674.2  | 468.8  | 351.4  | 233.9  | 178.5  | 123.1  | 117.5  | 111.4  | 110.8  | 109.8  | 107.3  |
| 80°    | 437.3  | 339.2  | 251.2  | 163.2  | 130.2  | 96.6   | 92.0   | 86.9   | 87.5   | 88.0   | 85.9   |
| 82.5°  | 243.1  | 197.8  | 153.6  | 109.3  | 89.0   | 68.6   | 66.6   | 64.1   | 65.6   | 66.6   | 64.1   |
| 85°    | 128.1  | 99.7   | 82.4   | 65.1   | 51.4   | 37.6   | 37.6   | 37.1   | 39.2   | 41.2   | 39.2   |
| 87.5°  | 55.4   | 35.1   | 30.0   | 24.4   | 13.7   | 2.5    | 3.1    | 3.1    | 4.1    | 5.1    | 4.6    |
| 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: P320366

CATALOG NUMBER: GLEON-SA2C-750-U-SLL

**CANDELA DISTRIBUTION (continued):**

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

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CATALOG NUMBER: GLEON-SA2C-750-U-SLL

**CANDELA DISTRIBUTION (continued):**

|        | 165°   | 170°   | 175°   | 180°   | 185°   | 190°   | 195°   | 200°   | 205°   | 210°   | 215°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 3874.6 | 3874.6 | 3874.6 | 3874.6 | 3874.6 | 3874.6 | 3874.6 | 3874.6 | 3874.6 | 3874.6 | 3874.6 |
| 2.5°   | 3502.9 | 3465.8 | 3428.2 | 3387.0 | 3394.6 | 3363.1 | 3331.5 | 3311.7 | 3291.9 | 3285.8 | 3279.7 |
| 5°     | 2830.7 | 2788.5 | 2745.8 | 2707.6 | 2740.7 | 2718.3 | 2695.9 | 2692.9 | 2689.3 | 2689.3 | 2688.8 |
| 7.5°   | 2094.4 | 2049.2 | 2003.4 | 1971.9 | 2004.4 | 2000.4 | 1996.3 | 2018.1 | 2040.0 | 2057.8 | 2075.1 |
| 10°    | 1701.9 | 1647.0 | 1591.5 | 1544.8 | 1536.6 | 1513.2 | 1489.3 | 1494.4 | 1499.0 | 1518.3 | 1537.6 |
| 12.5°  | 1479.2 | 1413.6 | 1348.0 | 1293.1 | 1268.1 | 1229.5 | 1190.3 | 1165.9 | 1141.5 | 1144.1 | 1146.1 |
| 15°    | 1225.4 | 1161.9 | 1097.8 | 1050.5 | 1034.8 | 1004.8 | 974.8  | 944.2  | 913.2  | 900.5  | 887.3  |
| 17.5°  | 937.1  | 886.3  | 834.9  | 803.4  | 803.4  | 794.8  | 786.1  | 770.9  | 755.1  | 742.4  | 729.2  |
| 20°    | 687.0  | 660.0  | 632.5  | 619.3  | 623.4  | 623.9  | 623.9  | 631.5  | 639.2  | 635.1  | 631.0  |
| 22.5°  | 568.5  | 558.8  | 549.2  | 543.6  | 545.6  | 546.1  | 546.6  | 553.7  | 560.3  | 565.4  | 570.0  |
| 25°    | 513.1  | 507.0  | 500.9  | 498.8  | 503.4  | 503.9  | 503.9  | 508.5  | 513.1  | 518.1  | 523.2  |
| 27.5°  | 469.8  | 467.3  | 464.7  | 461.2  | 465.8  | 465.8  | 465.3  | 470.3  | 474.9  | 479.5  | 483.6  |
| 30°    | 428.6  | 429.7  | 430.2  | 429.2  | 432.2  | 434.2  | 435.8  | 439.3  | 442.4  | 445.9  | 449.5  |
| 32.5°  | 399.7  | 398.1  | 396.6  | 395.6  | 402.2  | 405.8  | 409.3  | 412.9  | 415.9  | 417.5  | 419.0  |
| 35°    | 371.7  | 368.1  | 364.6  | 362.0  | 368.1  | 372.7  | 377.3  | 383.9  | 390.0  | 391.0  | 392.0  |
| 37.5°  | 352.9  | 348.3  | 343.7  | 340.7  | 343.2  | 345.3  | 347.3  | 354.4  | 361.5  | 365.6  | 369.2  |
| 40°    | 335.1  | 330.5  | 325.9  | 323.4  | 324.9  | 325.4  | 325.9  | 329.5  | 332.5  | 340.2  | 347.3  |
| 42.5°  | 320.8  | 315.3  | 309.7  | 306.6  | 307.6  | 308.6  | 309.2  | 308.6  | 308.1  | 315.3  | 322.4  |
| 45°    | 306.6  | 300.5  | 294.4  | 290.8  | 291.4  | 291.4  | 291.4  | 290.3  | 288.8  | 292.4  | 295.9  |
| 47.5°  | 295.4  | 288.3  | 281.2  | 277.6  | 276.6  | 275.6  | 274.6  | 274.1  | 273.1  | 275.6  | 277.6  |
| 50°    | 284.2  | 276.6  | 268.5  | 264.4  | 261.9  | 260.8  | 259.8  | 259.3  | 258.3  | 260.8  | 262.9  |
| 52.5°  | 275.6  | 266.4  | 257.3  | 250.7  | 248.1  | 246.6  | 245.1  | 245.6  | 245.6  | 246.6  | 247.1  |
| 55°    | 260.3  | 252.2  | 243.6  | 239.0  | 234.4  | 233.4  | 232.4  | 233.9  | 234.9  | 234.9  | 234.9  |
| 57.5°  | 243.6  | 235.9  | 227.8  | 224.7  | 220.7  | 220.7  | 220.2  | 222.2  | 223.7  | 224.7  | 225.8  |
| 60°    | 228.8  | 220.2  | 211.5  | 209.0  | 207.5  | 207.0  | 206.4  | 209.0  | 211.0  | 213.1  | 215.1  |
| 62.5°  | 215.1  | 205.9  | 196.8  | 193.7  | 193.2  | 193.7  | 193.7  | 196.3  | 198.3  | 200.3  | 202.4  |
| 65°    | 199.8  | 190.7  | 181.0  | 178.0  | 179.0  | 180.5  | 182.0  | 184.1  | 185.6  | 187.6  | 189.7  |
| 67.5°  | 183.1  | 175.4  | 167.3  | 164.2  | 164.7  | 166.8  | 168.8  | 170.3  | 171.4  | 173.4  | 175.4  |
| 70°    | 164.7  | 158.1  | 151.5  | 149.5  | 149.0  | 151.5  | 153.6  | 154.6  | 155.6  | 158.1  | 160.2  |
| 72.5°  | 144.9  | 139.3  | 133.7  | 132.2  | 132.7  | 134.2  | 135.8  | 137.3  | 138.3  | 140.8  | 142.9  |
| 75°    | 124.6  | 119.5  | 114.4  | 113.4  | 114.4  | 115.9  | 117.5  | 118.5  | 119.5  | 122.5  | 125.1  |
| 77.5°  | 104.7  | 99.2   | 93.1   | 92.5   | 94.1   | 95.6   | 96.6   | 98.1   | 99.7   | 103.7  | 107.8  |
| 80°    | 83.9   | 77.8   | 71.2   | 70.7   | 72.2   | 73.7   | 75.3   | 76.8   | 78.3   | 83.4   | 88.0   |
| 82.5°  | 61.5   | 54.4   | 47.3   | 46.3   | 51.4   | 52.9   | 54.4   | 56.9   | 59.0   | 63.6   | 68.1   |
| 85°    | 37.1   | 30.0   | 22.9   | 22.4   | 26.9   | 29.5   | 32.0   | 35.1   | 37.6   | 41.7   | 45.8   |
| 87.5°  | 4.1    | 2.0    | 0.0    | 0.0    | 0.5    | 2.5    | 4.6    | 7.1    | 9.7    | 13.7   | 17.3   |
| 90°    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 92.5°  | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 95°    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 97.5°  | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 100°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 102.5° | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 105°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 107.5° | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 110°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |



REPORT NUMBER: P320366  
 CATALOG NUMBER: GLEON-SA2C-750-U-SLL

**CANDELA DISTRIBUTION (continued):**

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

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CATALOG NUMBER: GLEON-SA2C-750-U-SLL

**CANDELA DISTRIBUTION (continued):**

|        | 220°   | 225°   | 230°   | 235°   | 240°   | 245°   | 250°   | 255°   | 260°   | 265°   | 270°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 3874.6 | 3874.6 | 3874.6 | 3874.6 | 3874.6 | 3874.6 | 3874.6 | 3874.6 | 3874.6 | 3874.6 | 3874.6 |
| 2.5°   | 3257.3 | 3234.4 | 3257.8 | 3280.7 | 3290.4 | 3300.0 | 3275.1 | 3249.7 | 3289.3 | 3328.5 | 3338.7 |
| 5°     | 2668.5 | 2647.6 | 2663.4 | 2678.7 | 2644.6 | 2610.5 | 2607.0 | 2602.9 | 2632.4 | 2661.9 | 2666.5 |
| 7.5°   | 2068.5 | 2061.9 | 2076.6 | 2091.4 | 2048.1 | 2004.4 | 1983.1 | 1961.7 | 1968.8 | 1975.9 | 1974.9 |
| 10°    | 1542.2 | 1546.3 | 1564.6 | 1582.4 | 1548.8 | 1515.3 | 1500.5 | 1485.8 | 1502.0 | 1517.8 | 1532.6 |
| 12.5°  | 1155.3 | 1163.9 | 1183.2 | 1202.0 | 1188.3 | 1174.1 | 1175.6 | 1177.1 | 1195.9 | 1214.2 | 1230.5 |
| 15°    | 897.5  | 907.6  | 921.4  | 934.6  | 935.1  | 935.1  | 948.3  | 961.0  | 959.5  | 958.0  | 969.2  |
| 17.5°  | 742.9  | 756.1  | 757.6  | 759.2  | 759.7  | 760.2  | 759.2  | 758.1  | 750.5  | 742.9  | 751.5  |
| 20°    | 636.1  | 640.7  | 644.7  | 648.3  | 643.7  | 638.6  | 625.9  | 613.2  | 608.1  | 603.1  | 611.2  |
| 22.5°  | 578.6  | 586.8  | 582.7  | 578.1  | 569.0  | 559.3  | 549.7  | 539.5  | 539.0  | 538.0  | 542.5  |
| 25°    | 530.3  | 537.0  | 529.8  | 522.7  | 516.1  | 509.5  | 502.9  | 496.3  | 495.8  | 495.3  | 497.3  |
| 27.5°  | 490.2  | 496.3  | 489.7  | 483.1  | 477.5  | 471.9  | 466.8  | 461.7  | 460.7  | 459.7  | 460.2  |
| 30°    | 455.6  | 461.2  | 455.6  | 449.5  | 445.4  | 440.8  | 437.3  | 433.7  | 433.2  | 432.7  | 432.7  |
| 32.5°  | 424.6  | 430.2  | 426.1  | 422.0  | 418.5  | 414.9  | 412.4  | 409.8  | 407.3  | 404.7  | 399.2  |
| 35°    | 397.6  | 403.2  | 400.7  | 397.6  | 393.6  | 389.5  | 384.9  | 379.8  | 373.2  | 366.1  | 363.1  |
| 37.5°  | 374.7  | 380.3  | 377.8  | 375.3  | 369.7  | 364.1  | 355.9  | 347.3  | 345.3  | 342.7  | 342.2  |
| 40°    | 356.4  | 365.1  | 360.0  | 354.4  | 345.8  | 337.1  | 333.1  | 329.0  | 328.0  | 327.0  | 325.9  |
| 42.5°  | 336.1  | 349.3  | 340.2  | 331.0  | 322.9  | 314.7  | 313.7  | 312.7  | 312.2  | 311.7  | 311.7  |
| 45°    | 310.7  | 324.9  | 315.8  | 306.1  | 301.5  | 297.0  | 297.0  | 297.0  | 297.5  | 297.5  | 298.5  |
| 47.5°  | 286.8  | 295.4  | 290.8  | 286.3  | 283.7  | 281.2  | 281.7  | 282.2  | 283.7  | 284.7  | 287.3  |
| 50°    | 266.4  | 269.5  | 270.5  | 271.0  | 269.5  | 268.0  | 269.0  | 269.5  | 271.0  | 272.0  | 274.1  |
| 52.5°  | 251.7  | 256.3  | 256.3  | 255.8  | 255.8  | 255.8  | 256.8  | 257.8  | 259.3  | 260.8  | 262.9  |
| 55°    | 242.0  | 248.6  | 246.6  | 244.6  | 245.1  | 245.1  | 246.1  | 247.1  | 248.6  | 249.7  | 252.7  |
| 57.5°  | 232.9  | 240.0  | 238.0  | 235.9  | 235.9  | 235.9  | 236.4  | 237.0  | 238.5  | 239.5  | 241.5  |
| 60°    | 222.2  | 229.3  | 227.3  | 224.7  | 225.3  | 225.8  | 226.3  | 226.3  | 227.3  | 227.8  | 227.8  |
| 62.5°  | 209.5  | 216.6  | 214.6  | 212.0  | 213.6  | 214.6  | 214.6  | 214.6  | 215.6  | 216.1  | 214.6  |
| 65°    | 196.3  | 202.9  | 200.8  | 198.8  | 200.8  | 202.4  | 203.4  | 203.9  | 203.4  | 202.9  | 201.4  |
| 67.5°  | 182.0  | 188.6  | 186.6  | 184.1  | 186.6  | 188.6  | 190.7  | 192.2  | 190.7  | 189.2  | 187.1  |
| 70°    | 166.8  | 173.4  | 170.8  | 168.3  | 170.8  | 173.4  | 175.4  | 177.5  | 175.4  | 173.4  | 172.9  |
| 72.5°  | 150.5  | 158.1  | 155.1  | 152.0  | 155.1  | 158.1  | 159.2  | 160.2  | 158.6  | 157.1  | 156.1  |
| 75°    | 132.7  | 140.3  | 137.8  | 134.7  | 137.3  | 139.8  | 140.3  | 140.8  | 140.8  | 140.3  | 137.3  |
| 77.5°  | 113.9  | 120.0  | 118.5  | 116.9  | 118.5  | 120.0  | 120.0  | 120.0  | 120.5  | 120.5  | 116.4  |
| 80°    | 91.5   | 95.1   | 95.6   | 96.1   | 96.6   | 97.1   | 96.6   | 96.1   | 95.1   | 94.1   | 91.5   |
| 82.5°  | 68.1   | 68.1   | 72.2   | 75.8   | 75.8   | 75.3   | 74.7   | 73.7   | 71.7   | 69.2   | 63.6   |
| 85°    | 43.2   | 40.7   | 47.3   | 53.4   | 53.4   | 52.9   | 51.9   | 50.3   | 46.3   | 41.7   | 37.1   |
| 87.5°  | 14.7   | 12.2   | 18.8   | 25.4   | 25.9   | 25.9   | 24.9   | 23.9   | 19.8   | 15.3   | 11.7   |
| 90°    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 92.5°  | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 95°    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 97.5°  | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 100°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 102.5° | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 105°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 107.5° | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 110°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |



REPORT NUMBER: P320366  
 CATALOG NUMBER: GLEON-SA2C-750-U-SLL

**CANDELA DISTRIBUTION (continued):**

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



REPORT NUMBER: P320366

CATALOG NUMBER: GLEON-SA2C-750-U-SLL

**CANDELA DISTRIBUTION (continued):**

|        | 275°   | 280°   | 285°   | 290°   | 295°   | 300°   | 305°   | 310°   | 315°   | 320°   | 325°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 3874.6 | 3874.6 | 3874.6 | 3874.6 | 3874.6 | 3874.6 | 3874.6 | 3874.6 | 3874.6 | 3874.6 | 3874.6 |
| 2.5°   | 3353.9 | 3360.5 | 3366.6 | 3416.5 | 3465.8 | 3523.7 | 3581.7 | 3626.0 | 3669.7 | 3714.9 | 3760.2 |
| 5°     | 2682.2 | 2690.4 | 2698.5 | 2759.0 | 2819.0 | 2899.8 | 2980.7 | 3050.4 | 3120.0 | 3201.9 | 3283.7 |
| 7.5°   | 1988.1 | 2005.9 | 2023.2 | 2087.8 | 2151.9 | 2238.8 | 2325.3 | 2416.3 | 2506.8 | 2613.6 | 2720.4 |
| 10°    | 1561.5 | 1595.1 | 1628.1 | 1694.2 | 1760.3 | 1846.3 | 1931.7 | 2026.8 | 2121.9 | 2227.1 | 2331.9 |
| 12.5°  | 1264.1 | 1308.8 | 1353.1 | 1432.4 | 1511.7 | 1614.4 | 1716.6 | 1822.4 | 1927.6 | 2020.2 | 2112.7 |
| 15°    | 998.6  | 1047.5 | 1095.8 | 1179.7 | 1263.6 | 1376.4 | 1488.8 | 1604.2 | 1719.2 | 1830.0 | 1940.9 |
| 17.5°  | 779.0  | 819.2  | 858.8  | 930.0  | 1000.7 | 1110.0 | 1219.3 | 1340.3 | 1461.4 | 1596.6 | 1731.4 |
| 20°    | 628.5  | 645.3  | 662.0  | 713.4  | 764.2  | 853.2  | 941.7  | 1065.3 | 1188.8 | 1350.5 | 1512.2 |
| 22.5°  | 550.7  | 559.3  | 567.5  | 592.4  | 616.8  | 674.2  | 731.2  | 840.5  | 949.3  | 1125.8 | 1301.7 |
| 25°    | 503.9  | 510.5  | 517.1  | 533.4  | 549.7  | 577.1  | 604.6  | 681.4  | 758.1  | 931.5  | 1104.4 |
| 27.5°  | 461.7  | 471.9  | 481.5  | 489.2  | 496.3  | 515.1  | 533.4  | 583.7  | 634.1  | 795.8  | 957.0  |
| 30°    | 431.2  | 434.7  | 438.3  | 450.0  | 461.2  | 480.5  | 499.8  | 534.9  | 570.0  | 706.8  | 843.1  |
| 32.5°  | 395.6  | 400.7  | 405.8  | 418.0  | 430.2  | 448.0  | 465.8  | 494.2  | 522.2  | 639.2  | 755.6  |
| 35°    | 363.6  | 368.6  | 373.7  | 385.9  | 397.6  | 417.0  | 435.8  | 459.7  | 483.1  | 584.7  | 686.4  |
| 37.5°  | 343.7  | 348.8  | 353.9  | 364.6  | 374.7  | 394.1  | 412.9  | 431.7  | 450.0  | 544.1  | 638.1  |
| 40°    | 327.0  | 332.0  | 337.1  | 347.3  | 357.0  | 375.8  | 394.1  | 409.8  | 425.6  | 513.6  | 601.5  |
| 42.5°  | 312.2  | 317.8  | 323.4  | 333.6  | 343.2  | 360.0  | 376.8  | 397.6  | 418.0  | 487.1  | 555.8  |
| 45°    | 300.0  | 305.6  | 310.7  | 321.9  | 333.1  | 349.3  | 365.6  | 394.6  | 423.6  | 473.4  | 523.2  |
| 47.5°  | 288.8  | 294.9  | 300.5  | 312.7  | 324.9  | 345.3  | 365.1  | 389.5  | 413.4  | 462.7  | 512.0  |
| 50°    | 278.1  | 285.3  | 292.4  | 307.1  | 321.4  | 355.4  | 389.0  | 392.5  | 395.6  | 454.1  | 512.0  |
| 52.5°  | 268.0  | 276.1  | 284.2  | 302.5  | 320.3  | 360.0  | 399.7  | 387.0  | 373.7  | 437.8  | 501.9  |
| 55°    | 257.8  | 264.9  | 271.5  | 293.9  | 316.3  | 345.3  | 374.2  | 357.5  | 340.2  | 407.3  | 474.4  |
| 57.5°  | 244.1  | 251.7  | 258.8  | 282.7  | 306.6  | 327.0  | 346.8  | 331.5  | 315.8  | 372.7  | 429.2  |
| 60°    | 229.8  | 238.5  | 247.1  | 277.6  | 307.6  | 304.1  | 300.0  | 297.0  | 293.4  | 334.1  | 374.7  |
| 62.5°  | 217.1  | 226.3  | 235.4  | 275.1  | 314.7  | 290.3  | 265.9  | 268.5  | 270.5  | 300.5  | 330.5  |
| 65°    | 204.4  | 213.6  | 222.2  | 242.0  | 261.9  | 252.2  | 242.5  | 246.6  | 250.2  | 279.7  | 309.2  |
| 67.5°  | 190.2  | 198.3  | 205.9  | 212.5  | 219.2  | 220.2  | 221.2  | 225.3  | 229.3  | 264.4  | 299.0  |
| 70°    | 174.4  | 181.0  | 187.6  | 192.2  | 196.3  | 198.3  | 199.8  | 204.9  | 210.0  | 248.1  | 286.3  |
| 72.5°  | 156.6  | 162.2  | 167.3  | 171.4  | 175.4  | 177.0  | 178.0  | 183.1  | 188.1  | 228.8  | 269.5  |
| 75°    | 137.3  | 141.9  | 145.9  | 149.5  | 153.1  | 155.1  | 157.1  | 160.7  | 164.2  | 208.5  | 252.2  |
| 77.5°  | 115.9  | 120.5  | 124.6  | 127.6  | 130.2  | 132.2  | 133.7  | 138.3  | 142.9  | 180.0  | 216.6  |
| 80°    | 90.5   | 96.1   | 101.2  | 103.7  | 105.8  | 106.3  | 106.3  | 110.3  | 114.4  | 140.8  | 166.8  |
| 82.5°  | 64.1   | 70.2   | 75.8   | 77.8   | 79.8   | 79.8   | 79.8   | 84.4   | 89.0   | 106.8  | 124.1  |
| 85°    | 37.6   | 44.2   | 50.3   | 52.4   | 54.4   | 55.4   | 55.9   | 58.0   | 59.5   | 72.2   | 84.4   |
| 87.5°  | 11.7   | 17.3   | 22.4   | 23.4   | 24.4   | 26.4   | 28.5   | 29.0   | 29.0   | 37.6   | 46.3   |
| 90°    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 92.5°  | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 95°    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 97.5°  | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 100°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 102.5° | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 105°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 107.5° | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 110°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |



REPORT NUMBER: P320366  
 CATALOG NUMBER: GLEON-SA2C-750-U-SLL

**CANDELA DISTRIBUTION (continued):**

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

REPORT NUMBER: P320366

CATALOG NUMBER: GLEON-SA2C-750-U-SLL

**CANDELA DISTRIBUTION (continued):**

|        | 330°   | 335°   | 340°   | 345°   | 350°   | 355°   | 360°   |
|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 3874.6 | 3874.6 | 3874.6 | 3874.6 | 3874.6 | 3874.6 | 3874.6 |
| 2.5°   | 3812.1 | 3863.9 | 3924.4 | 3984.4 | 4035.8 | 4087.1 | 4129.9 |
| 5°     | 3388.0 | 3492.2 | 3619.9 | 3747.0 | 3860.4 | 3973.8 | 4105.4 |
| 7.5°   | 2855.1 | 2989.8 | 3155.1 | 3320.4 | 3480.5 | 3640.2 | 3842.6 |
| 10°    | 2469.2 | 2605.9 | 2780.9 | 2955.3 | 3135.3 | 3314.8 | 3543.6 |
| 12.5°  | 2224.1 | 2334.9 | 2504.3 | 2673.6 | 2885.1 | 3096.1 | 3316.3 |
| 15°    | 2062.4 | 2183.4 | 2348.1 | 2512.9 | 2744.3 | 2975.6 | 3228.8 |
| 17.5°  | 1890.0 | 2048.1 | 2259.2 | 2470.2 | 2744.3 | 3017.8 | 3316.3 |
| 20°    | 1709.5 | 1906.3 | 2179.8 | 2453.4 | 2822.6 | 3191.2 | 3572.1 |
| 22.5°  | 1529.5 | 1757.3 | 2108.1 | 2458.5 | 2941.0 | 3423.1 | 3937.1 |
| 25°    | 1367.3 | 1630.2 | 2064.4 | 2498.1 | 3113.4 | 3728.2 | 4365.8 |
| 27.5°  | 1244.2 | 1531.0 | 2046.6 | 2561.7 | 3332.1 | 4102.4 | 4832.1 |
| 30°    | 1134.9 | 1426.8 | 2025.3 | 2623.7 | 3542.6 | 4460.9 | 5196.6 |
| 32.5°  | 1040.3 | 1325.1 | 1984.1 | 2642.6 | 3689.5 | 4736.5 | 5505.3 |
| 35°    | 966.1  | 1245.8 | 1914.9 | 2584.1 | 3781.5 | 4979.0 | 5826.6 |
| 37.5°  | 902.0  | 1165.9 | 1836.1 | 2506.3 | 3863.4 | 5220.5 | 6188.2 |
| 40°    | 841.0  | 1080.5 | 1768.5 | 2455.9 | 3976.3 | 5496.6 | 6570.0 |
| 42.5°  | 783.1  | 1010.3 | 1714.1 | 2417.8 | 4081.0 | 5743.8 | 6904.1 |
| 45°    | 739.8  | 956.4  | 1665.8 | 2374.6 | 4148.7 | 5922.7 | 7155.8 |
| 47.5°  | 718.5  | 924.4  | 1639.8 | 2354.8 | 4216.3 | 6077.3 | 7364.8 |
| 50°    | 715.4  | 918.8  | 1669.3 | 2419.8 | 4362.7 | 6305.1 | 7603.8 |
| 52.5°  | 714.9  | 928.0  | 1754.2 | 2580.5 | 4634.8 | 6688.5 | 7862.6 |
| 55°    | 704.2  | 933.6  | 1855.4 | 2776.8 | 4999.9 | 7222.4 | 8327.8 |
| 57.5°  | 671.7  | 914.2  | 1959.7 | 3004.6 | 5385.8 | 7766.5 | 8852.1 |
| 60°    | 621.4  | 867.5  | 2045.6 | 3223.2 | 5645.1 | 8066.5 | 9053.9 |
| 62.5°  | 558.3  | 785.6  | 2074.1 | 3362.1 | 5638.0 | 7913.9 | 8850.6 |
| 65°    | 504.4  | 699.7  | 1980.5 | 3260.9 | 5352.7 | 7444.1 | 8448.4 |
| 67.5°  | 456.6  | 613.7  | 1746.6 | 2879.0 | 4839.7 | 6799.9 | 7936.8 |
| 70°    | 422.0  | 557.3  | 1445.1 | 2332.9 | 4197.5 | 6061.6 | 7344.4 |
| 72.5°  | 400.2  | 530.3  | 1178.1 | 1825.4 | 3406.3 | 4986.6 | 6282.2 |
| 75°    | 370.2  | 488.1  | 924.4  | 1360.2 | 2607.0 | 3853.8 | 4745.1 |
| 77.5°  | 314.2  | 411.4  | 696.6  | 981.9  | 1912.9 | 2843.4 | 3300.0 |
| 80°    | 242.5  | 317.8  | 479.0  | 640.2  | 1316.4 | 1992.7 | 2250.0 |
| 82.5°  | 172.9  | 221.7  | 290.3  | 359.0  | 874.6  | 1389.7 | 1411.0 |
| 85°    | 106.8  | 129.2  | 166.3  | 203.4  | 578.6  | 953.9  | 794.8  |
| 87.5°  | 57.5   | 68.6   | 88.0   | 106.8  | 185.1  | 263.4  | 151.5  |
| 90°    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 92.5°  | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 95°    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 97.5°  | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 100°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 102.5° | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 105°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 107.5° | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 110°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |



REPORT NUMBER: P320366  
 CATALOG NUMBER: GLEON-SA2C-750-U-SLL

**CANDELA DISTRIBUTION (continued):**

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

LM-79-2008: Approved Method: Electrical and Photometric Measurements of Solid-  
State Lighting Products

Report Prepared for

Cooper Lighting Solutions

McGRAW-EDISON

Report Number: SP1-1908-441-4-R4

Test Date: 10/02/2019

Luminaire Tested: SA1C-750-U-5WQ

Data in this report applies to families of products SA1C-760-U-5WQ .

### Test Information

Test Method: LM-79-2008  
 Report Number: SP1-1908-441-4-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-750-U-5WQ**  
 Description: MCGRAW EDISON ROADWAY AND AREA LUMINAIRE

\*\*\*THIS IS A REVISION OF SP1-1908-441-4-R3. TO UPDATE THE CATALOG INFORMATION.\*\*\*TESTED IN SITU. ROADWAY AND AREA LUMINAIRE. (1) 70 CRI, 5000K, 1050MA LIGHTSQUARE WITH 16 LEDS AND TYPE V WIDE OPTICS.

### Spectral Parameters

|                           |        |           |      |      |       |
|---------------------------|--------|-----------|------|------|-------|
| CCT (K):                  | 4884   | CRI (Ra): | 73.5 |      |       |
| CIE u':                   | 0.2101 | R1:       | 70.5 | R9:  | -28.4 |
| CIE v':                   | 0.4904 | R2:       | 77.7 | R10: | 48.6  |
| Duv:                      | 0.0037 | R3:       | 84.6 | R11: | 73.2  |
| CIE x:                    | 0.3493 | R4:       | 74.7 | R12: | 50.7  |
| CIE y:                    | 0.3624 | R5:       | 71.9 | R13: | 71.2  |
| CIE z:                    | 0.2884 | R6:       | 70.7 | R14: | 91.4  |
| Peak Wavelength (nm):     | 444    | R7:       | 81.2 |      |       |
| Dominant Wavelength (nm): | 571    | R8:       | 56.9 |      |       |
| Purity:                   | 13.7   |           |      |      |       |
| Rf:                       | 74.9   |           |      |      |       |
| Rg:                       | 96.3   |           |      |      |       |



### Test Conditions

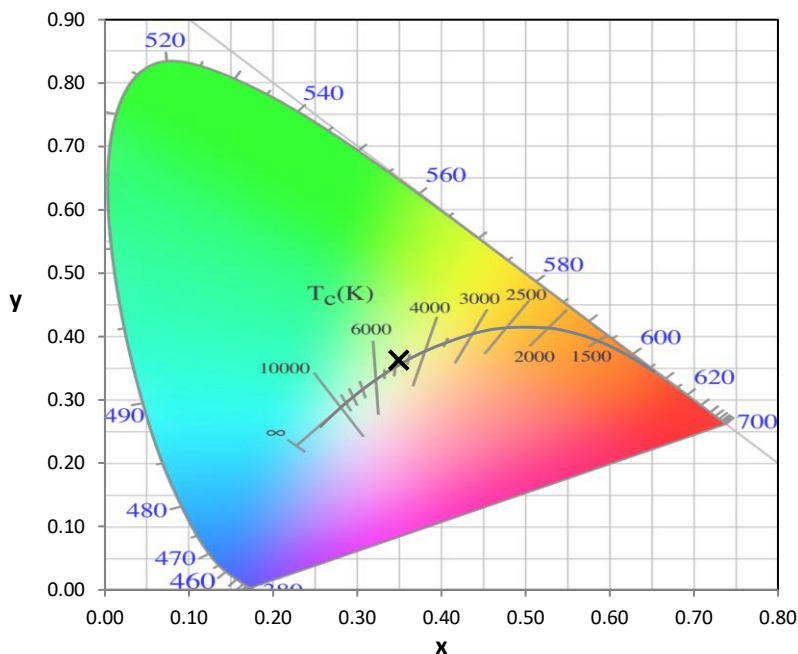
Stabilization Time: 240M  
 Operation Time: 12H  
 Room Temperature (°C) / RH%: 25.0./44%  
 Sphere Temperature (°C): 25.7

REPORT NUMBER: SP1-1908-441-4-R4

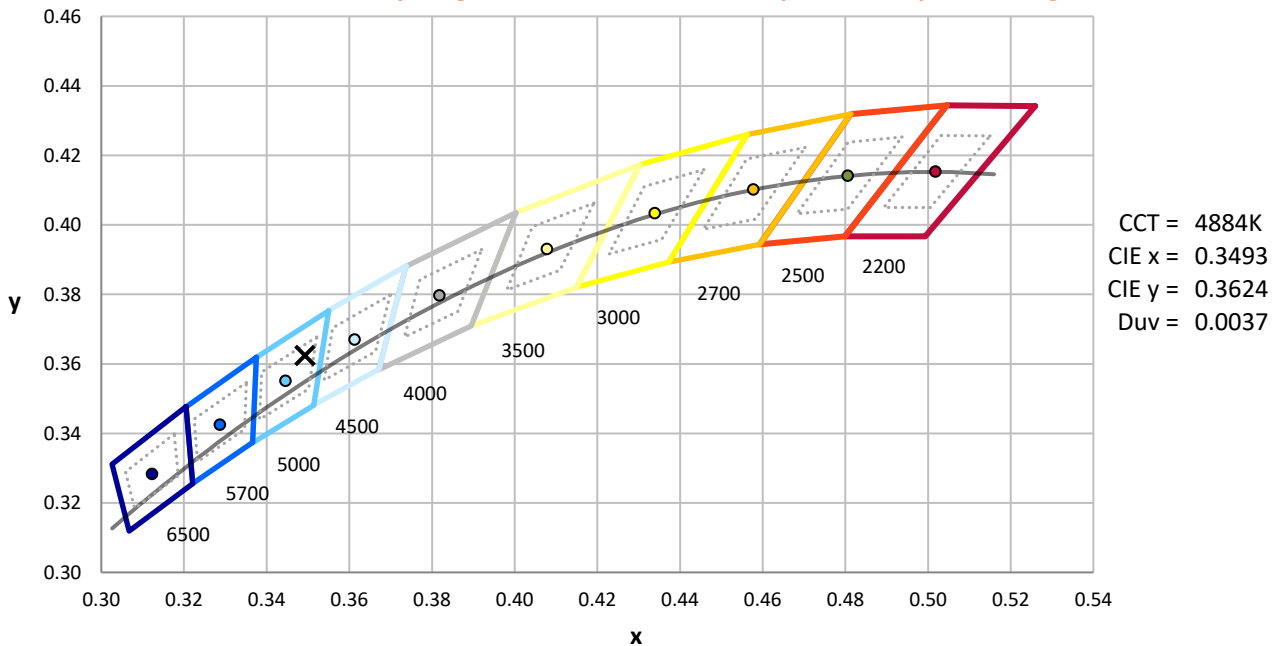
| Measurement and Test Equipment |                       |                  |                      |
|--------------------------------|-----------------------|------------------|----------------------|
| Instrument                     | Identification Number | Calibration Date | Calibration Due Date |
| 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: SP1-1908-441-4-R4

CIE 1931 Chromaticity Diagram



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



Point lies inside the ANSI 5000K 4-step quadrangle

REPORT NUMBER: SP1-1908-441-4-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       | 2945             | NR               | 490       | 37941            | NR               | 620       | 88803            | NR               | 750       | 3908             | NR               | 880       | 2997             | NR               |
| 365       | 2596             | NR               | 495       | 48525            | NR               | 625       | 80578            | NR               | 755       | 3988             | NR               | 885       | 2927             | NR               |
| 370       | 2732             | NR               | 500       | 60609            | NR               | 630       | 73127            | NR               | 760       | 3335             | NR               | 890       | 2649             | NR               |
| 375       | 2894             | NR               | 505       | 72036            | NR               | 635       | 66244            | NR               | 765       | 3438             | NR               | 895       | 2828             | NR               |
| 380       | 2822             | NR               | 510       | 82168            | NR               | 640       | 59440            | NR               | 770       | 3427             | NR               | 900       | 1407             | NR               |
| 385       | 2394             | NR               | 515       | 90898            | NR               | 645       | 52864            | NR               | 775       | 2759             | NR               | 905       | 2224             | NR               |
| 390       | 2370             | NR               | 520       | 97142            | NR               | 650       | 47085            | NR               | 780       | 2340             | NR               | 910       | 2905             | NR               |
| 395       | 2267             | NR               | 525       | 103255           | NR               | 655       | 41789            | NR               | 785       | 2412             | NR               | 915       | 3350             | NR               |
| 400       | 2262             | NR               | 530       | 106697           | NR               | 660       | 37064            | NR               | 790       | 1999             | NR               | 920       | 3114             | NR               |
| 405       | 3000             | NR               | 535       | 110081           | NR               | 665       | 32299            | NR               | 795       | 2054             | NR               | 925       | 2834             | NR               |
| 410       | 5324             | NR               | 540       | 112494           | NR               | 670       | 28142            | NR               | 800       | 2331             | NR               | 930       | 2271             | NR               |
| 415       | 10725            | NR               | 545       | 115513           | NR               | 675       | 24505            | NR               | 805       | 2648             | NR               | 935       | 2228             | NR               |
| 420       | 22128            | NR               | 550       | 117203           | NR               | 680       | 21162            | NR               | 810       | 2485             | NR               | 940       | 2833             | NR               |
| 425       | 44095            | NR               | 555       | 119753           | NR               | 685       | 18400            | NR               | 815       | 2409             | NR               | 945       | 2941             | NR               |
| 430       | 77002            | NR               | 560       | 122602           | NR               | 690       | 16065            | NR               | 820       | 2221             | NR               | 950       | 2323             | NR               |
| 435       | 119881           | NR               | 565       | 124314           | NR               | 695       | 13860            | NR               | 825       | 1562             | NR               | 955       | 1667             | NR               |
| 440       | 164454           | NR               | 570       | 126775           | NR               | 700       | 12177            | NR               | 830       | 2249             | NR               | 960       | 749              | NR               |
| 445       | 179997           | NR               | 575       | 127511           | NR               | 705       | 10757            | NR               | 835       | 2573             | NR               | 965       | 2669             | NR               |
| 450       | 142822           | NR               | 580       | 127577           | NR               | 710       | 9601             | NR               | 840       | 2764             | NR               | 970       | 3968             | NR               |
| 455       | 90008            | NR               | 585       | 126153           | NR               | 715       | 8944             | NR               | 845       | 3109             | NR               | 975       | 3886             | NR               |
| 460       | 60557            | NR               | 590       | 123678           | NR               | 720       | 7947             | NR               | 850       | 2963             | NR               | 980       | 2788             | NR               |
| 465       | 43305            | NR               | 595       | 119774           | NR               | 725       | 7062             | NR               | 855       | 2336             | NR               | 985       | 3496             | NR               |
| 470       | 31089            | NR               | 600       | 115733           | NR               | 730       | 6004             | NR               | 860       | 2118             | NR               | 990       | 2913             | NR               |
| 475       | 26278            | NR               | 605       | 109231           | NR               | 735       | 5594             | NR               | 865       | 3144             | NR               | 995       | 4659             | NR               |
| 480       | 27060            | NR               | 610       | 102408           | NR               | 740       | 5165             | NR               | 870       | 3069             | NR               | 1000      | 1308             | NR               |
| 485       | 30698            | NR               | 615       | 96015            | NR               | 745       | 4687             | NR               | 875       | 3311             | NR               |           |                  |                  |

REPORT NUMBER: SP1-1908-441-4-R4

**Scotopic Flux vs. Wavelength**



**Scotopic Lumens: 13493.5**

**S/P: 1.77**

| 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       | 2945             | NR               | 490       | 37941            | NR               | 620       | 88803            | NR               | 750       | 3908             | NR               | 880       | 2997             | NR               |
| 365       | 2596             | NR               | 495       | 48525            | NR               | 625       | 80578            | NR               | 755       | 3988             | NR               | 885       | 2927             | NR               |
| 370       | 2732             | NR               | 500       | 60609            | NR               | 630       | 73127            | NR               | 760       | 3335             | NR               | 890       | 2649             | NR               |
| 375       | 2894             | NR               | 505       | 72036            | NR               | 635       | 66244            | NR               | 765       | 3438             | NR               | 895       | 2828             | NR               |
| 380       | 2822             | NR               | 510       | 82168            | NR               | 640       | 59440            | NR               | 770       | 3427             | NR               | 900       | 1407             | NR               |
| 385       | 2394             | NR               | 515       | 90898            | NR               | 645       | 52864            | NR               | 775       | 2759             | NR               | 905       | 2224             | NR               |
| 390       | 2370             | NR               | 520       | 97142            | NR               | 650       | 47085            | NR               | 780       | 2340             | NR               | 910       | 2905             | NR               |
| 395       | 2267             | NR               | 525       | 103255           | NR               | 655       | 41789            | NR               | 785       | 2412             | NR               | 915       | 3350             | NR               |
| 400       | 2262             | NR               | 530       | 106697           | NR               | 660       | 37064            | NR               | 790       | 1999             | NR               | 920       | 3114             | NR               |
| 405       | 3000             | NR               | 535       | 110081           | NR               | 665       | 32299            | NR               | 795       | 2054             | NR               | 925       | 2834             | NR               |
| 410       | 5324             | NR               | 540       | 112494           | NR               | 670       | 28142            | NR               | 800       | 2331             | NR               | 930       | 2271             | NR               |
| 415       | 10725            | NR               | 545       | 115513           | NR               | 675       | 24505            | NR               | 805       | 2648             | NR               | 935       | 2228             | NR               |
| 420       | 22128            | NR               | 550       | 117203           | NR               | 680       | 21162            | NR               | 810       | 2485             | NR               | 940       | 2833             | NR               |
| 425       | 44095            | NR               | 555       | 119753           | NR               | 685       | 18400            | NR               | 815       | 2409             | NR               | 945       | 2941             | NR               |
| 430       | 77002            | NR               | 560       | 122602           | NR               | 690       | 16065            | NR               | 820       | 2221             | NR               | 950       | 2323             | NR               |
| 435       | 119881           | NR               | 565       | 124314           | NR               | 695       | 13860            | NR               | 825       | 1562             | NR               | 955       | 1667             | NR               |
| 440       | 164454           | NR               | 570       | 126775           | NR               | 700       | 12177            | NR               | 830       | 2249             | NR               | 960       | 749              | NR               |
| 445       | 179997           | NR               | 575       | 127511           | NR               | 705       | 10757            | NR               | 835       | 2573             | NR               | 965       | 2669             | NR               |
| 450       | 142822           | NR               | 580       | 127577           | NR               | 710       | 9601             | NR               | 840       | 2764             | NR               | 970       | 3968             | NR               |
| 455       | 90008            | NR               | 585       | 126153           | NR               | 715       | 8944             | NR               | 845       | 3109             | NR               | 975       | 3886             | NR               |
| 460       | 60557            | NR               | 590       | 123678           | NR               | 720       | 7947             | NR               | 850       | 2963             | NR               | 980       | 2788             | NR               |
| 465       | 43305            | NR               | 595       | 119774           | NR               | 725       | 7062             | NR               | 855       | 2336             | NR               | 985       | 3496             | NR               |
| 470       | 31089            | NR               | 600       | 115733           | NR               | 730       | 6004             | NR               | 860       | 2118             | NR               | 990       | 2913             | NR               |
| 475       | 26278            | NR               | 605       | 109231           | NR               | 735       | 5594             | NR               | 865       | 3144             | NR               | 995       | 4659             | NR               |
| 480       | 27060            | NR               | 610       | 102408           | NR               | 740       | 5165             | NR               | 870       | 3069             | NR               | 1000      | 1308             | NR               |
| 485       | 30698            | NR               | 615       | 96015            | NR               | 745       | 4687             | NR               | 875       | 3311             | NR               |           |                  |                  |

REPORT NUMBER: SP1-1908-441-4-R4

**Melanopic Flux vs. Wavelength**



**Melanopic Lumens: 5378.9**

**M/P: 0.71**

| 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       | 2945             | NR               | 490       | 37941            | NR               | 620       | 88803            | NR               | 750       | 3908             | NR               | 880       | 2997             | NR               |
| 365       | 2596             | NR               | 495       | 48525            | NR               | 625       | 80578            | NR               | 755       | 3988             | NR               | 885       | 2927             | NR               |
| 370       | 2732             | NR               | 500       | 60609            | NR               | 630       | 73127            | NR               | 760       | 3335             | NR               | 890       | 2649             | NR               |
| 375       | 2894             | NR               | 505       | 72036            | NR               | 635       | 66244            | NR               | 765       | 3438             | NR               | 895       | 2828             | NR               |
| 380       | 2822             | NR               | 510       | 82168            | NR               | 640       | 59440            | NR               | 770       | 3427             | NR               | 900       | 1407             | NR               |
| 385       | 2394             | NR               | 515       | 90898            | NR               | 645       | 52864            | NR               | 775       | 2759             | NR               | 905       | 2224             | NR               |
| 390       | 2370             | NR               | 520       | 97142            | NR               | 650       | 47085            | NR               | 780       | 2340             | NR               | 910       | 2905             | NR               |
| 395       | 2267             | NR               | 525       | 103255           | NR               | 655       | 41789            | NR               | 785       | 2412             | NR               | 915       | 3350             | NR               |
| 400       | 2262             | NR               | 530       | 106697           | NR               | 660       | 37064            | NR               | 790       | 1999             | NR               | 920       | 3114             | NR               |
| 405       | 3000             | NR               | 535       | 110081           | NR               | 665       | 32299            | NR               | 795       | 2054             | NR               | 925       | 2834             | NR               |
| 410       | 5324             | NR               | 540       | 112494           | NR               | 670       | 28142            | NR               | 800       | 2331             | NR               | 930       | 2271             | NR               |
| 415       | 10725            | NR               | 545       | 115513           | NR               | 675       | 24505            | NR               | 805       | 2648             | NR               | 935       | 2228             | NR               |
| 420       | 22128            | NR               | 550       | 117203           | NR               | 680       | 21162            | NR               | 810       | 2485             | NR               | 940       | 2833             | NR               |
| 425       | 44095            | NR               | 555       | 119753           | NR               | 685       | 18400            | NR               | 815       | 2409             | NR               | 945       | 2941             | NR               |
| 430       | 77002            | NR               | 560       | 122602           | NR               | 690       | 16065            | NR               | 820       | 2221             | NR               | 950       | 2323             | NR               |
| 435       | 119881           | NR               | 565       | 124314           | NR               | 695       | 13860            | NR               | 825       | 1562             | NR               | 955       | 1667             | NR               |
| 440       | 164454           | NR               | 570       | 126775           | NR               | 700       | 12177            | NR               | 830       | 2249             | NR               | 960       | 749              | NR               |
| 445       | 179997           | NR               | 575       | 127511           | NR               | 705       | 10757            | NR               | 835       | 2573             | NR               | 965       | 2669             | NR               |
| 450       | 142822           | NR               | 580       | 127577           | NR               | 710       | 9601             | NR               | 840       | 2764             | NR               | 970       | 3968             | NR               |
| 455       | 90008            | NR               | 585       | 126153           | NR               | 715       | 8944             | NR               | 845       | 3109             | NR               | 975       | 3886             | NR               |
| 460       | 60557            | NR               | 590       | 123678           | NR               | 720       | 7947             | NR               | 850       | 2963             | NR               | 980       | 2788             | NR               |
| 465       | 43305            | NR               | 595       | 119774           | NR               | 725       | 7062             | NR               | 855       | 2336             | NR               | 985       | 3496             | NR               |
| 470       | 31089            | NR               | 600       | 115733           | NR               | 730       | 6004             | NR               | 860       | 2118             | NR               | 990       | 2913             | NR               |
| 475       | 26278            | NR               | 605       | 109231           | NR               | 735       | 5594             | NR               | 865       | 3144             | NR               | 995       | 4659             | NR               |
| 480       | 27060            | NR               | 610       | 102408           | NR               | 740       | 5165             | NR               | 870       | 3069             | NR               | 1000      | 1308             | NR               |
| 485       | 30698            | NR               | 615       | 96015            | NR               | 745       | 4687             | NR               | 875       | 3311             | NR               |           |                  |                  |

REPORT NUMBER: SP1-1908-441-4-R4

**TM-30-18**

**Summary**

$R_f = 74.9$   
 $R_g = 96.3$   
 CIE  $R_a = 73.5$   
 $R_g = -28.4$

**Spectral Power Distribution Comparison**



**Color Vector Graphics**



REPORT NUMBER: SP1-1908-441-4-R4

**TM-30-18**

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

|            |            |            |            |
|------------|------------|------------|------------|
| CES01 = 85 | CES26 = 61 | CES51 = 90 | CES76 = 52 |
| CES02 = 60 | CES27 = 84 | CES52 = 91 | CES77 = 71 |
| CES03 = 30 | CES28 = 81 | CES53 = 79 | CES78 = 54 |
| CES04 = 69 | CES29 = 58 | CES54 = 83 | CES79 = 80 |
| CES05 = 46 | CES30 = 67 | CES55 = 83 | CES80 = 77 |
| CES06 = 50 | CES31 = 63 | CES56 = 73 | CES81 = 77 |
| CES07 = 39 | CES32 = 59 | CES57 = 72 | CES82 = 90 |
| CES08 = 38 | CES33 = 69 | CES58 = 73 | CES83 = 86 |
| CES09 = 29 | CES34 = 69 | CES59 = 88 | CES84 = 88 |
| CES10 = 73 | CES35 = 83 | CES60 = 93 | CES85 = 84 |
| CES11 = 56 | CES36 = 95 | CES61 = 88 | CES86 = 75 |
| CES12 = 61 | CES37 = 78 | CES62 = 85 | CES87 = 78 |
| CES13 = 41 | CES38 = 76 | CES63 = 77 | CES88 = 79 |
| CES14 = 74 | CES39 = 93 | CES64 = 74 | CES89 = 75 |
| CES15 = 70 | CES40 = 86 | CES65 = 67 | CES90 = 77 |
| CES16 = 46 | CES41 = 87 | CES66 = 69 | CES91 = 89 |
| CES17 = 49 | CES42 = 78 | CES67 = 67 | CES92 = 66 |
| CES18 = 55 | CES43 = 75 | CES68 = 73 | CES93 = 80 |
| CES19 = 71 | CES44 = 99 | CES69 = 81 | CES94 = 57 |
| CES20 = 64 | CES45 = 83 | CES70 = 63 | CES95 = 71 |
| CES21 = 85 | CES46 = 81 | CES71 = 60 | CES96 = 78 |
| CES22 = 77 | CES47 = 80 | CES72 = 86 | CES97 = 85 |
| CES23 = 91 | CES48 = 72 | CES73 = 53 | CES98 = 75 |
| CES24 = 90 | CES49 = 81 | CES74 = 96 | CES99 = 62 |
| CES25 = 71 | CES50 = 89 | CES75 = 58 |            |



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Color Rendition by Hue-Angle Bin



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**Measure Comparisons**



(END OF REPORT)