

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



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

Test Report Prepared for  
Cooper Lighting Solutions  
(formerly Eaton)

Brand: McGRAW-EDISON

Report Number: P1049214

Luminaire Tested: **GALN-SA2B-840-U-RBC**

Issue Date: 07/10/2025



**Test Information**

Test Method: LM-79-08  
Report Number: P1049214  
Test Lab: INNOVATION CENTER(G3)  
Issue Date: 07/10/2025  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: MCGRAW-EDISON  
Catalog Number: GALN-SA2B-840-U-RBC  
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 800mA 2xLight Square PACKAGE  
80CRI 4000K FIXTURE w/ RIGHT CORNER BACKLIGHT CONTROL  
Light Source: (28) 4000K CCT, 80 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 7611.2 lumens  
Efficiency: N/A  
Efficacy: 104.5 lumens/watt  
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')  
IES Classification: Type III - Short  
BUG Rating: B0 - U0 - G2

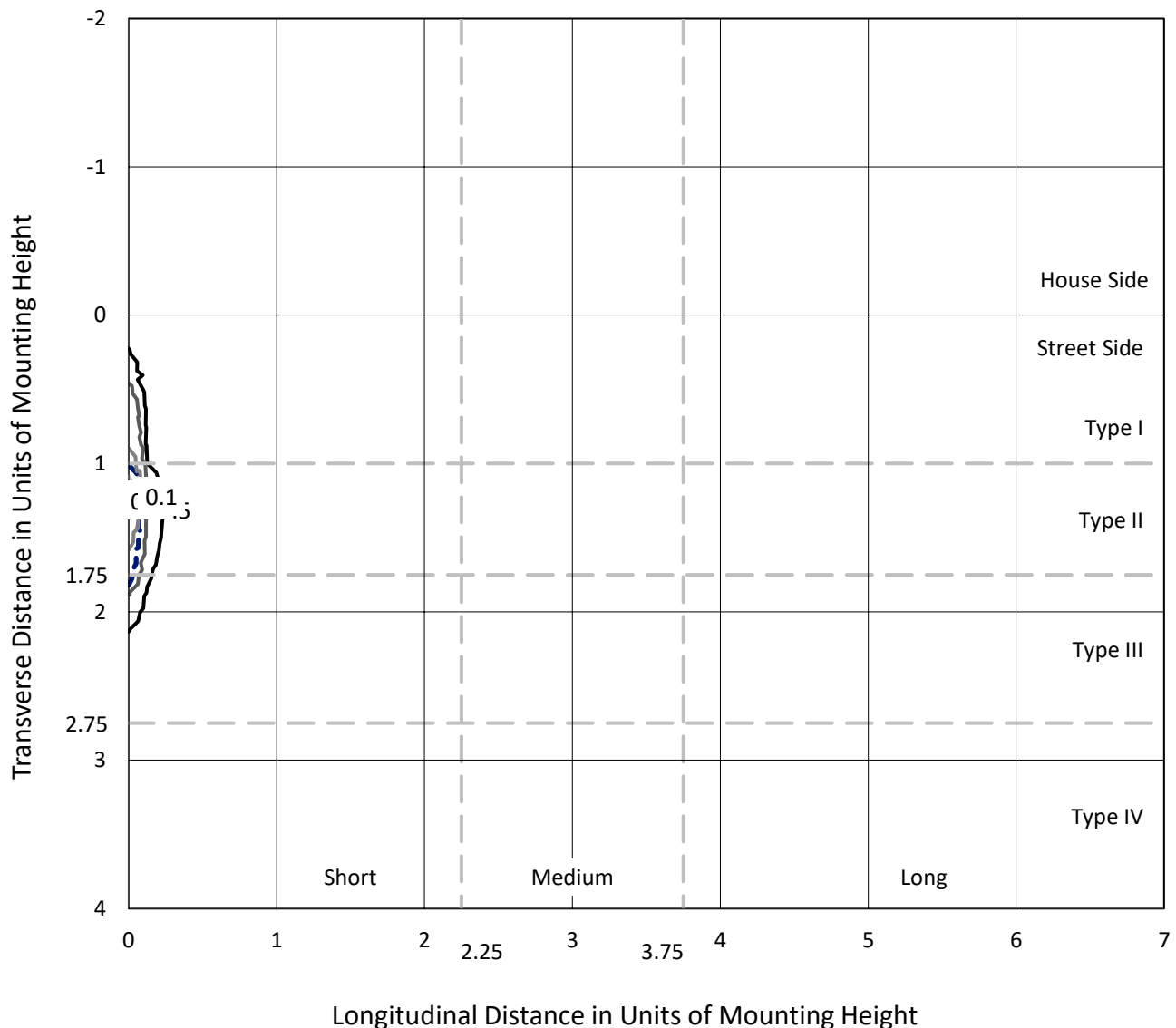
Input Watts (W): 72.8  
Input Voltage (V): 120  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: 0.97  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 28.75 FT

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## Iso-Footcandle Lines of Horizontal Illumination

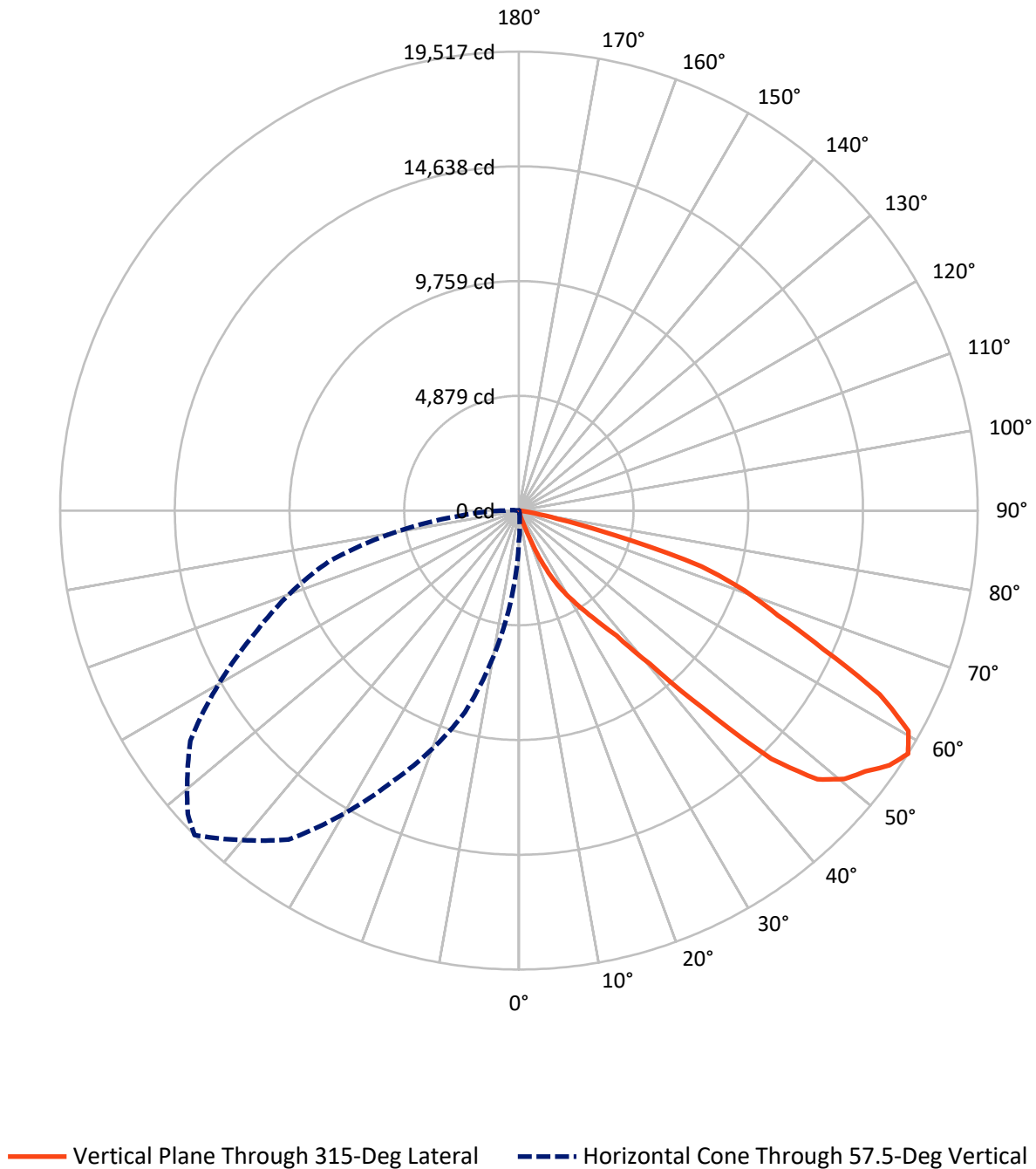
× Max cd  
 - - - 1/2 Max cd



Based on 20 foot mounting height. Maximum calculated value = 1.1 fc  
 Type III - Short - N/A

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## Luminous Intensity Polar Plot



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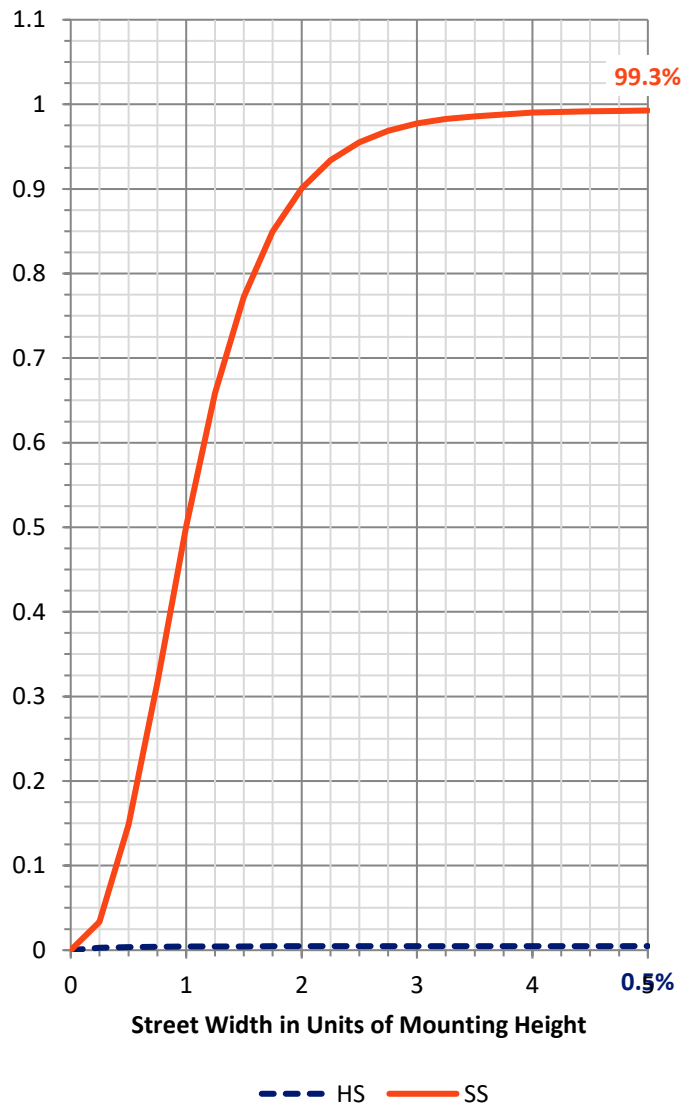
**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total  |
|--------------------|-----------|----------|--------|--------|
| <b>House Side</b>  | Lumens    | 38.1     | 0.0    | 38.1   |
|                    | % Fixture | 0.5      | 0.0    | 0.5    |
| <b>Street Side</b> | Lumens    | 7573.1   | 0.0    | 7573.1 |
|                    | % Fixture | 99.5     | 0.0    | 99.5   |
| <b>Total</b>       | Lumens    | 7611.2   | 0.0    | 7611.2 |
|                    | % Fixture | 100.0    | 0.0    | 100.0  |

**Coefficient of Utilization**

**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 3.0    | 0.0       |
| 10°-20°   | 16.7   | 0.2       |
| 20°-30°   | 180.4  | 2.4       |
| 30°-40°   | 533.4  | 7.0       |
| 40°-50°   | 1589.7 | 20.9      |
| 50°-60°   | 2520.6 | 33.1      |
| 60°-70°   | 2104.1 | 27.6      |
| 70°-80°   | 648.8  | 8.5       |
| 80°-90°   | 14.4   | 0.2       |
| 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°    | 7611.2 | 100.0     |
| 0°-180°   | 7611.2 | 100.0     |



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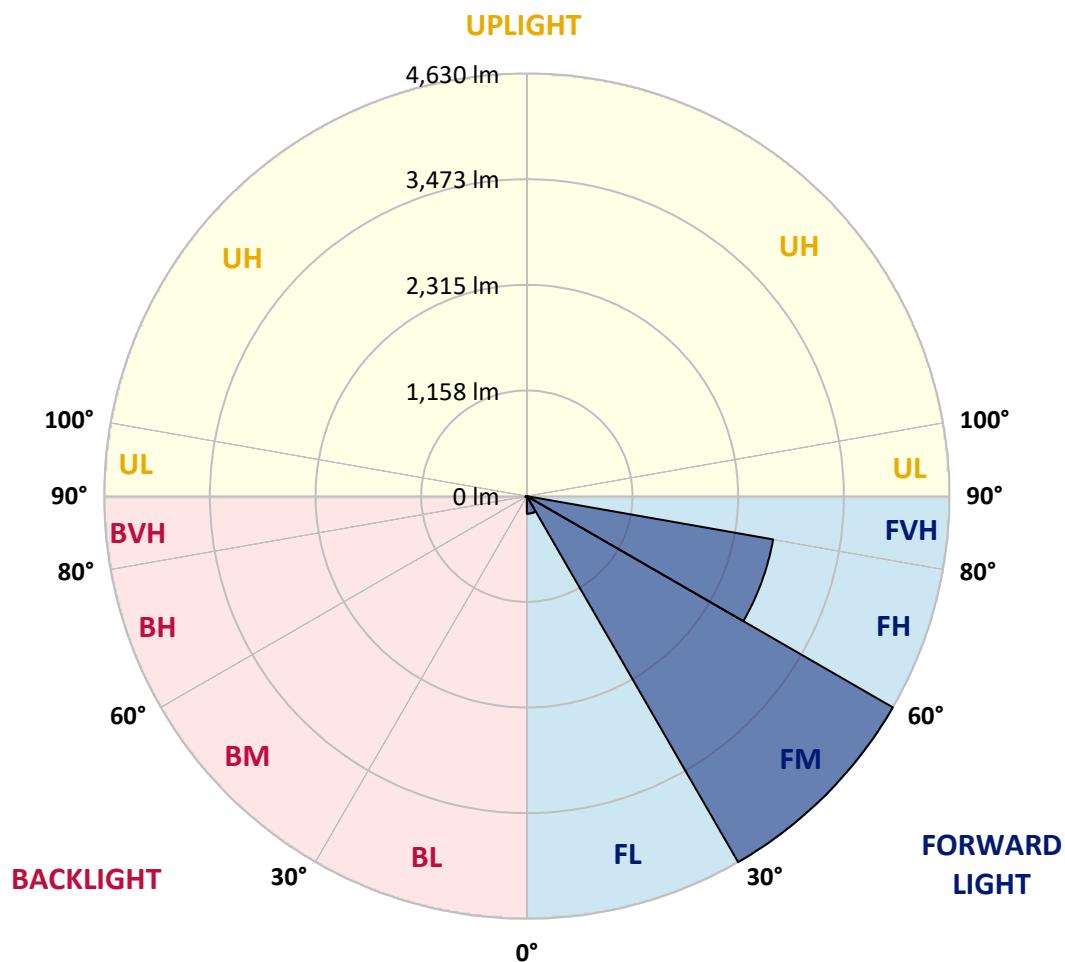
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

| Zone |             | Lumens | % Fixture | Zone Rating/Lumen Limit |      |         |
|------|-------------|--------|-----------|-------------------------|------|---------|
|      |             |        |           | B                       | U    | G       |
| FL   | (0°-30°)    | 193.1  | 2.5       |                         |      |         |
| FM   | (30°-60°)   | 4630.1 | 60.8      |                         |      |         |
| FH   | (60°-80°)   | 2738.7 | 36.0      |                         |      | G2/5000 |
| FVH  | (80°-90°)   | 11.2   | 0.1       |                         |      | G1/100  |
| BL   | (0°-30°)    | 7.0    | 0.1       | B0/110                  |      |         |
| BM   | (30°-60°)   | 13.6   | 0.2       | B0/220                  |      |         |
| BH   | (60°-80°)   | 14.2   | 0.2       | B0/110                  |      | G0/110  |
| BVH  | (80°-90°)   | 3.3    | 0.0       |                         |      | G0/10   |
| UL   | (90°-100°)  | 0.0    | 0.0       |                         | U0/0 |         |
| UH   | (100°-180°) | 0.0    | 0.0       |                         | U0/0 |         |

**BUG Rating: B0-U0-G2**

Type III Short



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**CANDELA DISTRIBUTION (FULL):**

|        | 0°     | 2.5°   | 5°    | 7.5°  | 10°   | 12.5° | 15°  | 17.5° | 20°  | 22.5° |
|--------|--------|--------|-------|-------|-------|-------|------|-------|------|-------|
| 0°     | 33.4   | 33.4   | 33.4  | 33.4  | 33.4  | 33.4  | 33.4 | 33.4  | 33.4 | 33.4  |
| 2.5°   | 30.5   | 30.5   | 30.5  | 30.5  | 29.9  | 29.9  | 29.3 | 29.3  | 28.8 | 28.8  |
| 5°     | 32.2   | 32.2   | 31.6  | 31.1  | 31.1  | 30.5  | 29.9 | 29.3  | 29.3 | 28.8  |
| 7.5°   | 35.1   | 34.5   | 33.9  | 33.4  | 32.2  | 31.6  | 30.5 | 29.9  | 29.3 | 28.2  |
| 10°    | 38.5   | 37.4   | 36.2  | 35.1  | 33.9  | 32.8  | 31.6 | 31.1  | 29.9 | 29.3  |
| 12.5°  | 43.1   | 41.4   | 39.1  | 37.4  | 36.2  | 34.5  | 33.4 | 32.2  | 30.5 | 29.3  |
| 15°    | 47.2   | 44.9   | 42.0  | 39.7  | 38.0  | 35.7  | 33.9 | 32.2  | 31.1 | 29.3  |
| 17.5°  | 52.9   | 48.9   | 44.3  | 41.4  | 39.1  | 36.2  | 33.4 | 31.6  | 29.9 | 27.6  |
| 20°    | 62.7   | 54.6   | 46.0  | 42.6  | 39.1  | 35.7  | 32.2 | 29.9  | 28.2 | 25.9  |
| 22.5°  | 78.2   | 64.4   | 50.6  | 45.4  | 40.8  | 35.7  | 31.1 | 28.8  | 26.5 | 24.2  |
| 25°    | 108.1  | 83.4   | 58.7  | 51.8  | 44.9  | 38.0  | 31.1 | 28.2  | 25.9 | 23.0  |
| 27.5°  | 143.8  | 107.0  | 69.6  | 59.8  | 50.6  | 40.8  | 31.1 | 27.6  | 24.7 | 21.3  |
| 30°    | 180.0  | 131.1  | 81.7  | 69.0  | 56.4  | 43.7  | 31.1 | 27.0  | 23.6 | 19.6  |
| 32.5°  | 214.5  | 153.6  | 92.0  | 77.1  | 62.1  | 46.6  | 31.6 | 27.0  | 22.4 | 17.8  |
| 35°    | 249.6  | 172.0  | 93.8  | 78.2  | 62.7  | 46.6  | 31.1 | 25.9  | 21.3 | 16.1  |
| 37.5°  | 294.5  | 192.7  | 90.3  | 74.8  | 59.8  | 44.3  | 29.3 | 24.7  | 20.1 | 15.0  |
| 40°    | 362.4  | 227.2  | 92.0  | 75.9  | 59.8  | 43.7  | 27.6 | 23.0  | 19.0 | 14.4  |
| 42.5°  | 487.7  | 293.9  | 99.5  | 81.1  | 62.7  | 43.7  | 25.3 | 21.3  | 17.8 | 13.8  |
| 45°    | 843.2  | 488.3  | 133.4 | 105.8 | 78.2  | 50.6  | 23.0 | 19.6  | 16.7 | 13.2  |
| 47.5°  | 1394.8 | 817.3  | 239.8 | 185.2 | 131.1 | 76.5  | 22.4 | 19.6  | 16.7 | 13.2  |
| 50°    | 1780.2 | 1041.1 | 302.0 | 232.4 | 162.8 | 93.2  | 23.6 | 20.1  | 17.3 | 13.8  |
| 52.5°  | 1777.3 | 1057.2 | 336.5 | 258.3 | 180.6 | 102.4 | 24.7 | 21.3  | 18.4 | 15.0  |
| 55°    | 1580.0 | 961.7  | 342.8 | 263.4 | 184.6 | 105.3 | 26.5 | 23.0  | 19.6 | 16.1  |
| 57.5°  | 1320.6 | 816.7  | 312.9 | 242.1 | 172.0 | 101.2 | 30.5 | 26.5  | 23.0 | 19.0  |
| 60°    | 1044.5 | 644.2  | 243.9 | 192.7 | 142.1 | 90.9  | 40.3 | 35.1  | 30.5 | 25.3  |
| 62.5°  | 721.3  | 467.0  | 212.8 | 170.8 | 129.4 | 87.4  | 46.0 | 40.8  | 36.2 | 31.1  |
| 65°    | 510.2  | 351.4  | 192.1 | 156.4 | 121.4 | 85.7  | 50.0 | 44.3  | 39.1 | 33.4  |
| 67.5°  | 381.3  | 279.5  | 177.2 | 146.7 | 116.2 | 85.7  | 55.2 | 48.3  | 42.0 | 35.1  |
| 70°    | 292.2  | 229.5  | 166.2 | 141.5 | 117.3 | 92.6  | 67.9 | 58.1  | 48.9 | 39.1  |
| 72.5°  | 238.1  | 196.1  | 153.6 | 135.7 | 117.9 | 100.1 | 82.2 | 69.6  | 56.9 | 43.7  |
| 75°    | 197.3  | 167.9  | 138.6 | 123.7 | 109.3 | 94.3  | 79.4 | 67.9  | 56.9 | 45.4  |
| 77.5°  | 131.1  | 119.6  | 107.6 | 98.9  | 90.3  | 81.1  | 72.5 | 62.7  | 53.5 | 43.7  |
| 80°    | 46.0   | 44.3   | 42.6  | 46.0  | 49.5  | 52.9  | 56.4 | 49.5  | 43.1 | 36.2  |
| 82.5°  | 6.9    | 6.3    | 5.8   | 6.3   | 6.9   | 7.5   | 8.1  | 8.6   | 9.2  | 9.8   |
| 85°    | 0.0    | 0.0    | 0.0   | 0.0   | 0.0   | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   |
| 87.5°  | 0.0    | 0.0    | 0.0   | 0.0   | 0.0   | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   |
| 90°    | 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   |
| 95°    | 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   |
| 100°   | 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   |
| 105°   | 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   |
| 110°   | 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):**

| 25° |        | 27.5° | 30°  | 32.5° | 35°  | 37.5° | 40°  | 42.5° | 45°  | 47.5° | 50°  |
|-----|--------|-------|------|-------|------|-------|------|-------|------|-------|------|
| 0.0 | 0°     | 33.4  | 33.4 | 33.4  | 33.4 | 33.4  | 33.4 | 33.4  | 33.4 | 33.4  | 33.4 |
| 0.0 | 2.5°   | 28.2  | 28.2 | 27.6  | 27.6 | 27.6  | 27.0 | 27.0  | 26.5 | 26.5  | 26.5 |
| 0.0 | 5°     | 27.6  | 27.6 | 27.0  | 26.5 | 25.9  | 25.9 | 25.3  | 24.7 | 24.7  | 24.2 |
| 0.0 | 7.5°   | 27.0  | 26.5 | 25.9  | 25.3 | 24.7  | 24.2 | 23.6  | 23.0 | 23.0  | 22.4 |
| 0.0 | 10°    | 27.6  | 26.5 | 25.9  | 24.7 | 24.2  | 23.6 | 22.4  | 21.9 | 21.3  | 21.3 |
| 0.0 | 12.5°  | 26.5  | 25.9 | 24.7  | 23.6 | 23.0  | 21.9 | 21.3  | 20.1 | 19.6  | 19.6 |
| 0.0 | 15°    | 26.5  | 25.3 | 23.6  | 22.4 | 21.3  | 20.7 | 19.6  | 18.4 | 17.8  | 17.3 |
| 0.0 | 17.5°  | 24.7  | 23.6 | 21.9  | 20.7 | 19.6  | 18.4 | 17.3  | 16.1 | 15.5  | 15.0 |
| 0.0 | 20°    | 22.4  | 21.3 | 19.6  | 17.8 | 16.7  | 15.5 | 14.4  | 13.2 | 12.7  | 12.1 |
| 0.0 | 22.5°  | 20.1  | 19.0 | 17.3  | 15.5 | 14.4  | 13.2 | 11.5  | 10.4 | 9.8   | 8.6  |
| 0.0 | 25°    | 19.0  | 17.3 | 15.5  | 13.8 | 12.1  | 10.9 | 9.2   | 7.5  | 6.3   | 5.2  |
| 0.0 | 27.5°  | 16.1  | 14.4 | 12.7  | 10.9 | 9.2   | 7.5  | 5.8   | 4.0  | 2.9   | 2.3  |
| 0.0 | 30°    | 13.8  | 12.1 | 10.4  | 8.6  | 6.3   | 4.6  | 2.9   | 0.6  | 0.6   | 0.6  |
| 0.0 | 32.5°  | 11.5  | 9.8  | 7.5   | 5.8  | 4.6   | 2.9  | 1.7   | 0.0  | 0.0   | 0.0  |
| 0.0 | 35°    | 9.2   | 7.5  | 5.2   | 3.5  | 2.9   | 1.7  | 1.2   | 0.0  | 0.0   | 0.0  |
| 0.0 | 37.5°  | 8.1   | 6.3  | 4.0   | 1.7  | 1.2   | 1.2  | 0.6   | 0.0  | 0.0   | 0.0  |
| 0.0 | 40°    | 7.5   | 5.2  | 2.9   | 0.6  | 0.6   | 0.6  | 0.0   | 0.0  | 0.0   | 0.0  |
| 0.0 | 42.5°  | 7.5   | 5.2  | 2.3   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  |
| 0.0 | 45°    | 7.5   | 5.2  | 2.3   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  |
| 0.0 | 47.5°  | 7.5   | 5.2  | 2.3   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  |
| 0.0 | 50°    | 8.1   | 5.8  | 2.9   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  |
| 0.0 | 52.5°  | 9.2   | 6.9  | 4.6   | 2.3  | 1.7   | 1.2  | 0.6   | 0.0  | 0.0   | 0.0  |
| 0.0 | 55°    | 11.5  | 10.4 | 8.6   | 7.5  | 5.8   | 4.0  | 1.7   | 0.0  | 0.0   | 0.0  |
| 0.0 | 57.5°  | 15.0  | 15.0 | 14.4  | 13.8 | 10.4  | 6.9  | 3.5   | 0.0  | 0.0   | 0.0  |
| 0.0 | 60°    | 20.1  | 20.1 | 20.1  | 20.1 | 15.0  | 10.4 | 5.2   | 0.0  | 0.0   | 0.0  |
| 0.0 | 62.5°  | 24.7  | 23.6 | 21.9  | 20.7 | 15.5  | 10.4 | 5.2   | 0.0  | 0.0   | 0.0  |
| 0.0 | 65°    | 24.7  | 22.4 | 19.6  | 16.7 | 12.7  | 8.6  | 4.0   | 0.0  | 0.0   | 0.0  |
| 0.0 | 67.5°  | 23.0  | 18.4 | 13.2  | 8.6  | 6.3   | 4.6  | 2.3   | 0.0  | 0.0   | 0.0  |
|     | 70°    | 23.0  | 16.1 | 9.2   | 2.3  | 1.7   | 1.2  | 0.6   | 0.0  | 0.0   | 0.0  |
|     | 72.5°  | 23.0  | 15.5 | 7.5   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  |
|     | 75°    | 25.3  | 17.3 | 8.6   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  |
|     | 77.5°  | 25.3  | 17.3 | 8.6   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  |
|     | 80°    | 22.4  | 15.0 | 7.5   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  |
|     | 82.5°  | 7.5   | 5.2  | 2.3   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  |
|     | 85°    | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  |
|     | 87.5°  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  |
|     | 90°    | 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  |
|     | 95°    | 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  |
|     | 100°   | 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  |
|     | 105°   | 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  |
|     | 110°   | 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):**

| 52.5° |        | 55°  | 57.5° | 60°  | 62.5° | 65°  | 67.5° | 70°  | 72.5° | 75°  | 77.5° |
|-------|--------|------|-------|------|-------|------|-------|------|-------|------|-------|
| 0.0   | 0°     | 33.4 | 33.4  | 33.4 | 33.4  | 33.4 | 33.4  | 33.4 | 33.4  | 33.4 | 33.4  |
| 0.0   | 2.5°   | 25.9 | 25.9  | 25.9 | 25.3  | 25.3 | 25.3  | 25.3 | 24.7  | 24.7 | 24.7  |
| 0.0   | 5°     | 23.6 | 23.6  | 23.0 | 23.0  | 22.4 | 22.4  | 21.9 | 21.9  | 21.3 | 21.3  |
| 0.0   | 7.5°   | 21.9 | 21.3  | 21.3 | 20.7  | 20.1 | 20.1  | 19.6 | 19.6  | 19.0 | 18.4  |
| 0.0   | 10°    | 20.1 | 19.6  | 19.6 | 19.0  | 18.4 | 17.8  | 17.8 | 17.3  | 16.7 | 16.1  |
| 0.0   | 12.5°  | 18.4 | 17.8  | 17.3 | 16.7  | 16.1 | 15.5  | 15.5 | 15.0  | 14.4 | 13.8  |
| 0.0   | 15°    | 16.1 | 15.5  | 15.0 | 14.4  | 13.8 | 13.2  | 13.2 | 12.7  | 12.1 | 11.5  |
| 0.0   | 17.5°  | 13.8 | 13.2  | 13.2 | 12.7  | 12.1 | 11.5  | 10.9 | 9.8   | 9.2  | 8.6   |
| 0.0   | 20°    | 10.4 | 9.8   | 9.2  | 8.6   | 8.1  | 6.9   | 6.3  | 5.2   | 4.0  | 3.5   |
| 0.0   | 22.5°  | 6.9  | 5.8   | 5.2  | 4.0   | 2.9  | 2.3   | 1.7  | 0.6   | 0.0  | 0.0   |
| 0.0   | 25°    | 2.3  | 1.7   | 1.2  | 0.6   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   |
| 0.0   | 27.5°  | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   |
| 0.0   | 30°    | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   |
| 0.0   | 32.5°  | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   |
| 0.0   | 35°    | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   |
| 0.0   | 37.5°  | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   |
| 0.0   | 40°    | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   |
| 0.0   | 42.5°  | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   |
| 0.0   | 45°    | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   |
| 0.0   | 47.5°  | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   |
| 0.0   | 50°    | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   |
| 0.0   | 52.5°  | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   |
| 0.0   | 55°    | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   |
| 0.0   | 57.5°  | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   |
| 0.0   | 60°    | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   |
| 0.0   | 62.5°  | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   |
| 0.0   | 65°    | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   |
| 0.0   | 67.5°  | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   |
| 0.0   | 70°    | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   |
| 0.0   | 72.5°  | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   |
| 0.0   | 75°    | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   |
| 0.0   | 77.5°  | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   |
| 0.0   | 80°    | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   |
| 0.0   | 82.5°  | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   |
| 0.0   | 85°    | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   |
| 0.0   | 87.5°  | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   |
| 0.0   | 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   |



REPORT NUMBER: P1049214

CATALOG NUMBER: GALN-SA2B-840-U-RBC

**CANDELA DISTRIBUTION (continued):**

| 80° |        | 82.5° | 85°  | 87.5° | 90°  | 92.5° | 95°  | 97.5° | 100° | 102.5° | 105° |
|-----|--------|-------|------|-------|------|-------|------|-------|------|--------|------|
| 0.0 | 0°     | 33.4  | 33.4 | 33.4  | 33.4 | 33.4  | 33.4 | 33.4  | 33.4 | 33.4   | 33.4 |
| 0.0 | 2.5°   | 24.2  | 24.2 | 24.2  | 23.6 | 23.6  | 23.6 | 23.6  | 23.6 | 23.6   | 23.6 |
| 0.0 | 5°     | 20.7  | 20.7 | 20.7  | 20.1 | 20.1  | 19.6 | 19.6  | 19.6 | 19.0   | 19.0 |
| 0.0 | 7.5°   | 17.8  | 17.3 | 17.3  | 16.7 | 16.7  | 16.1 | 16.1  | 16.1 | 15.5   | 15.5 |
| 0.0 | 10°    | 15.0  | 14.4 | 14.4  | 13.8 | 13.8  | 13.2 | 13.2  | 12.7 | 12.7   | 12.1 |
| 0.0 | 12.5°  | 13.2  | 12.7 | 12.1  | 11.5 | 11.5  | 10.9 | 10.4  | 10.4 | 9.8    | 9.2  |
| 0.0 | 15°    | 10.4  | 9.8  | 9.2   | 8.6  | 8.1   | 7.5  | 6.9   | 6.9  | 6.3    | 5.8  |
| 0.0 | 17.5°  | 6.9   | 5.8  | 5.2   | 4.6  | 4.6   | 4.0  | 3.5   | 2.9  | 2.3    | 1.7  |
| 0.0 | 20°    | 1.7   | 1.2  | 0.6   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0    | 0.0  |
| 0.0 | 22.5°  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0    | 0.0  |
| 0.0 | 25°    | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0    | 0.0  |
| 0.0 | 27.5°  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0    | 0.0  |
| 0.0 | 30°    | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0    | 0.0  |
| 0.0 | 32.5°  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0    | 0.0  |
| 0.0 | 35°    | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0    | 0.0  |
| 0.0 | 37.5°  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0    | 0.0  |
| 0.0 | 40°    | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0    | 0.0  |
| 0.0 | 42.5°  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0    | 0.0  |
| 0.0 | 45°    | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0    | 0.0  |
| 0.0 | 47.5°  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0    | 0.0  |
| 0.0 | 50°    | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0    | 0.0  |
| 0.0 | 52.5°  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0    | 0.0  |
| 0.0 | 55°    | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0    | 0.0  |
| 0.0 | 57.5°  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0    | 0.0  |
| 0.0 | 60°    | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0    | 0.0  |
| 0.0 | 62.5°  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0    | 0.0  |
| 0.0 | 65°    | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0    | 0.0  |
| 0.0 | 67.5°  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0    | 0.0  |
|     | 70°    | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0    | 0.0  |
|     | 72.5°  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0    | 0.0  |
|     | 75°    | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0    | 0.0  |
|     | 77.5°  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0    | 0.0  |
|     | 80°    | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0    | 0.0  |
|     | 82.5°  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0    | 0.0  |
|     | 85°    | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0    | 0.0  |
|     | 87.5°  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0    | 0.0  |
|     | 90°    | 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  |
|     | 95°    | 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  |
|     | 100°   | 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  |
|     | 105°   | 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  |
|     | 110°   | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0    | 0.0  |



REPORT NUMBER: P1049214

CATALOG NUMBER: GALN-SA2B-840-U-RBC

**CANDELA DISTRIBUTION (continued):**

| 107.5° |        | 110° | 112.5° | 115° | 117.5° | 120° | 122.5° | 125° | 127.5° | 130° | 132.5° |
|--------|--------|------|--------|------|--------|------|--------|------|--------|------|--------|
| 0.0    | 0°     | 33.4 | 33.4   | 33.4 | 33.4   | 33.4 | 33.4   | 33.4 | 33.4   | 33.4 | 33.4   |
| 0.0    | 2.5°   | 23.6 | 23.0   | 23.0 | 23.0   | 23.6 | 23.6   | 23.6 | 23.6   | 23.6 | 23.6   |
| 0.0    | 5°     | 19.0 | 18.4   | 18.4 | 18.4   | 18.4 | 18.4   | 18.4 | 18.4   | 18.4 | 18.4   |
| 0.0    | 7.5°   | 15.5 | 15.0   | 15.0 | 15.0   | 15.0 | 14.4   | 14.4 | 14.4   | 14.4 | 14.4   |
| 0.0    | 10°    | 12.1 | 11.5   | 11.5 | 11.5   | 11.5 | 10.9   | 10.9 | 10.9   | 10.9 | 10.9   |
| 0.0    | 12.5°  | 8.6  | 8.6    | 8.1  | 8.1    | 8.1  | 7.5    | 7.5  | 7.5    | 7.5  | 6.9    |
| 0.0    | 15°    | 5.2  | 4.6    | 4.0  | 4.0    | 4.0  | 3.5    | 3.5  | 3.5    | 3.5  | 2.9    |
| 0.0    | 17.5°  | 1.2  | 1.2    | 0.6  | 0.6    | 0.6  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 0.0    | 20°    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 0.0    | 22.5°  | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 0.0    | 25°    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 0.0    | 27.5°  | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 0.0    | 30°    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 0.0    | 32.5°  | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 0.0    | 35°    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 0.0    | 37.5°  | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 0.0    | 40°    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 0.0    | 42.5°  | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 0.0    | 45°    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 0.0    | 47.5°  | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 0.0    | 50°    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 0.0    | 52.5°  | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 0.0    | 55°    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 0.0    | 57.5°  | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 0.0    | 60°    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 0.0    | 62.5°  | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 0.0    | 65°    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 0.0    | 67.5°  | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
|        | 70°    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
|        | 72.5°  | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
|        | 75°    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
|        | 77.5°  | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
|        | 80°    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
|        | 82.5°  | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
|        | 85°    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
|        | 87.5°  | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
|        | 90°    | 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    |
|        | 95°    | 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    |
|        | 100°   | 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    |
|        | 105°   | 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    |
|        | 110°   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |





REPORT NUMBER: P1049214

CATALOG NUMBER: GALN-SA2B-840-U-RBC

**CANDELA DISTRIBUTION (continued):**

| 135° |        | 137.5° | 140° | 142.5° | 145° | 147.5° | 150° | 152.5° | 155° | 157.5° | 160° |
|------|--------|--------|------|--------|------|--------|------|--------|------|--------|------|
| 0.0  | 0°     | 33.4   | 33.4 | 33.4   | 33.4 | 33.4   | 33.4 | 33.4   | 33.4 | 33.4   | 33.4 |
| 0.0  | 2.5°   | 24.2   | 24.2 | 24.7   | 24.7 | 25.3   | 26.5 | 27.0   | 27.6 | 28.8   | 29.9 |
| 0.0  | 5°     | 19.0   | 19.6 | 19.6   | 20.1 | 20.7   | 21.3 | 21.9   | 22.4 | 23.6   | 24.7 |
| 0.0  | 7.5°   | 15.0   | 15.0 | 15.5   | 15.5 | 16.1   | 17.3 | 17.8   | 18.4 | 19.6   | 21.3 |
| 0.0  | 10°    | 11.5   | 11.5 | 12.1   | 12.1 | 12.7   | 13.8 | 14.4   | 15.0 | 16.1   | 17.8 |
| 0.0  | 12.5°  | 7.5    | 8.1  | 8.1    | 8.6  | 9.2    | 10.4 | 10.9   | 11.5 | 12.7   | 13.8 |
| 0.0  | 15°    | 3.5    | 4.0  | 4.0    | 4.6  | 5.2    | 6.3  | 6.9    | 7.5  | 8.6    | 10.4 |
| 0.0  | 17.5°  | 0.6    | 0.6  | 1.2    | 1.2  | 1.7    | 2.3  | 2.9    | 3.5  | 5.2    | 6.3  |
| 0.0  | 20°    | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 1.2    | 2.3  |
| 0.0  | 22.5°  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.6  |
| 0.0  | 25°    | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 0.0  | 27.5°  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 0.0  | 30°    | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 0.0  | 32.5°  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 0.0  | 35°    | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 0.0  | 37.5°  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 0.0  | 40°    | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 0.0  | 42.5°  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 0.0  | 45°    | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 0.0  | 47.5°  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 0.0  | 50°    | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 0.0  | 52.5°  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 0.0  | 55°    | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 0.0  | 57.5°  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 0.0  | 60°    | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 0.0  | 62.5°  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 0.0  | 65°    | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 0.0  | 67.5°  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
|      | 70°    | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
|      | 72.5°  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
|      | 75°    | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
|      | 77.5°  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
|      | 80°    | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
|      | 82.5°  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
|      | 85°    | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
|      | 87.5°  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
|      | 90°    | 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  |
|      | 95°    | 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  |
|      | 100°   | 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  |
|      | 105°   | 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  |
|      | 110°   | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |



REPORT NUMBER: P1049214

CATALOG NUMBER: GALN-SA2B-840-U-RBC

**CANDELA DISTRIBUTION (continued):**

[illegible]

REPORT NUMBER: P1049214

CATALOG NUMBER: GALN-SA2B-840-U-RBC

**CANDELA DISTRIBUTION (continued):**

| 162.5° |        | 165° | 167.5° | 170° | 172.5° | 175° | 177.5° | 180° | 182.5° | 185° | 187.5° |
|--------|--------|------|--------|------|--------|------|--------|------|--------|------|--------|
| 0.0    | 0°     | 33.4 | 33.4   | 33.4 | 33.4   | 33.4 | 33.4   | 33.4 | 33.4   | 33.4 | 33.4   |
| 0.0    | 2.5°   | 31.6 | 32.8   | 33.9 | 35.1   | 36.2 | 37.4   | 38.0 | 39.1   | 39.7 | 40.3   |
| 0.0    | 5°     | 27.0 | 28.2   | 29.9 | 31.1   | 32.2 | 33.4   | 34.5 | 35.1   | 35.7 | 36.2   |
| 0.0    | 7.5°   | 23.6 | 24.7   | 26.5 | 27.6   | 28.8 | 29.9   | 31.1 | 32.2   | 32.8 | 33.4   |
| 0.0    | 10°    | 20.1 | 21.9   | 23.0 | 24.7   | 25.9 | 27.0   | 28.2 | 29.3   | 30.5 | 31.1   |
| 0.0    | 12.5°  | 16.1 | 17.8   | 19.6 | 20.7   | 22.4 | 24.2   | 25.3 | 26.5   | 27.6 | 28.8   |
| 0.0    | 15°    | 12.7 | 14.4   | 16.1 | 17.3   | 19.0 | 20.7   | 22.4 | 23.6   | 24.7 | 25.9   |
| 0.0    | 17.5°  | 9.2  | 10.9   | 12.7 | 13.8   | 15.5 | 17.3   | 18.4 | 20.1   | 21.3 | 22.4   |
| 0.0    | 20°    | 4.6  | 6.3    | 8.1  | 9.8    | 11.5 | 13.2   | 14.4 | 16.1   | 17.3 | 18.4   |
| 0.0    | 22.5°  | 0.6  | 2.3    | 4.0  | 5.2    | 6.9  | 8.6    | 9.8  | 11.5   | 12.7 | 13.8   |
| 0.0    | 25°    | 0.0  | 0.6    | 1.7  | 2.3    | 2.9  | 4.0    | 5.2  | 6.3    | 7.5  | 8.6    |
| 0.0    | 27.5°  | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.6    | 1.2  | 2.3    | 3.5  | 4.6    |
| 0.0    | 30°    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 1.2    |
| 0.0    | 32.5°  | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 0.0    | 35°    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 0.0    | 37.5°  | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 0.0    | 40°    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 0.0    | 42.5°  | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 0.0    | 45°    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 0.0    | 47.5°  | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 0.0    | 50°    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 0.0    | 52.5°  | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 0.0    | 55°    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 0.0    | 57.5°  | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 0.0    | 60°    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 0.0    | 62.5°  | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 0.0    | 65°    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 0.0    | 67.5°  | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
|        | 70°    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
|        | 72.5°  | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
|        | 75°    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
|        | 77.5°  | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
|        | 80°    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.6    |
|        | 82.5°  | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.6    | 0.6  | 1.2    |
|        | 85°    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 1.2    | 1.7  | 2.9    | 3.5  | 4.0    |
|        | 87.5°  | 0.0  | 0.6    | 1.2  | 1.7    | 2.3  | 3.5    | 4.6  | 5.8    | 6.3  | 6.9    |
|        | 90°    | 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    |
|        | 95°    | 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    |
|        | 100°   | 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    |
|        | 105°   | 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    |
|        | 110°   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |



REPORT NUMBER: P1049214

CATALOG NUMBER: GALN-SA2B-840-U-RBC

**CANDELA DISTRIBUTION (continued):**

| 190° |        | 165° | 167.5° | 170° | 172.5° | 175° | 177.5° | 180° | 182.5° | 185° | 187.5° |
|------|--------|------|--------|------|--------|------|--------|------|--------|------|--------|
| 33.4 | 112.5° | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 40.3 | 115°   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 36.8 | 117.5° | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 33.9 | 120°   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 32.2 | 122.5° | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 29.3 | 125°   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 27.0 | 127.5° | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 24.2 | 130°   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 19.6 | 132.5° | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 15.0 | 135°   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 10.4 | 137.5° | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 5.8  | 140°   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 1.7  | 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  |        |      |        |      |        |      |        |      |        |      |        |
| 0.0  |        |      |        |      |        |      |        |      |        |      |        |
| 0.0  |        |      |        |      |        |      |        |      |        |      |        |
| 0.0  |        |      |        |      |        |      |        |      |        |      |        |
| 0.6  |        |      |        |      |        |      |        |      |        |      |        |
| 2.3  |        |      |        |      |        |      |        |      |        |      |        |
| 5.2  |        |      |        |      |        |      |        |      |        |      |        |
| 7.5  |        |      |        |      |        |      |        |      |        |      |        |
| 0.0  |        |      |        |      |        |      |        |      |        |      |        |
| 0.0  |        |      |        |      |        |      |        |      |        |      |        |
| 0.0  |        |      |        |      |        |      |        |      |        |      |        |
| 0.0  |        |      |        |      |        |      |        |      |        |      |        |
| 0.0  |        |      |        |      |        |      |        |      |        |      |        |
| 0.0  |        |      |        |      |        |      |        |      |        |      |        |
| 0.0  |        |      |        |      |        |      |        |      |        |      |        |
| 0.0  |        |      |        |      |        |      |        |      |        |      |        |
| 0.0  |        |      |        |      |        |      |        |      |        |      |        |
| 0.0  |        |      |        |      |        |      |        |      |        |      |        |
| 0.0  |        |      |        |      |        |      |        |      |        |      |        |
| 0.0  |        |      |        |      |        |      |        |      |        |      |        |



REPORT NUMBER: P1049214

CATALOG NUMBER: GALN-SA2B-840-U-RBC

**CANDELA DISTRIBUTION (continued):**

| 190° |        | 192.5° | 195° | 197.5° | 200° | 202.5° | 205° | 207.5° | 210° | 212.5° | 215° |
|------|--------|--------|------|--------|------|--------|------|--------|------|--------|------|
| 0.0  | 0°     | 33.4   | 33.4 | 33.4   | 33.4 | 33.4   | 33.4 | 33.4   | 33.4 | 33.4   | 33.4 |
| 0.0  | 2.5°   | 40.8   | 40.8 | 40.8   | 40.8 | 40.3   | 40.3 | 40.3   | 39.7 | 39.7   | 39.1 |
| 0.0  | 5°     | 37.4   | 38.0 | 38.0   | 38.0 | 38.0   | 38.0 | 38.0   | 38.0 | 37.4   | 37.4 |
| 0.0  | 7.5°   | 34.5   | 35.1 | 35.7   | 35.7 | 36.2   | 36.2 | 36.2   | 35.7 | 35.7   | 35.1 |
| 0.0  | 10°    | 32.8   | 33.4 | 33.4   | 33.9 | 33.9   | 33.9 | 33.9   | 33.9 | 33.9   | 33.9 |
| 0.0  | 12.5°  | 30.5   | 31.1 | 31.6   | 31.6 | 32.2   | 32.2 | 32.2   | 32.2 | 31.6   | 31.6 |
| 0.0  | 15°    | 27.6   | 28.8 | 29.3   | 29.9 | 29.9   | 30.5 | 30.5   | 30.5 | 30.5   | 30.5 |
| 0.0  | 17.5°  | 25.3   | 26.5 | 27.0   | 27.6 | 27.6   | 28.2 | 28.2   | 28.8 | 28.8   | 28.8 |
| 0.0  | 20°    | 20.7   | 21.9 | 22.4   | 23.6 | 24.2   | 24.7 | 25.3   | 25.9 | 25.9   | 26.5 |
| 0.0  | 22.5°  | 16.1   | 17.3 | 17.8   | 19.0 | 19.6   | 20.1 | 20.7   | 21.3 | 21.9   | 22.4 |
| 0.0  | 25°    | 11.5   | 12.7 | 13.2   | 14.4 | 15.0   | 15.5 | 16.1   | 16.7 | 16.7   | 17.3 |
| 0.0  | 27.5°  | 6.3    | 7.5  | 8.6    | 9.2  | 10.4   | 10.9 | 11.5   | 12.1 | 12.7   | 13.2 |
| 0.0  | 30°    | 2.9    | 3.5  | 4.0    | 5.2  | 5.8    | 6.3  | 6.9    | 8.1  | 8.6    | 9.2  |
| 0.0  | 32.5°  | 0.0    | 0.0  | 0.6    | 1.7  | 2.3    | 2.9  | 3.5    | 4.0  | 4.0    | 4.6  |
| 0.0  | 35°    | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.6    | 1.2  | 1.7    | 2.3  |
| 0.0  | 37.5°  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 0.0  | 40°    | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 0.0  | 42.5°  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 0.0  | 45°    | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 0.0  | 47.5°  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 0.0  | 50°    | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 0.0  | 52.5°  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 0.0  | 55°    | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 0.0  | 57.5°  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 0.0  | 60°    | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 0.0  | 62.5°  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 0.0  | 65°    | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 0.0  | 67.5°  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
|      | 70°    | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
|      | 72.5°  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
|      | 75°    | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
|      | 77.5°  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
|      | 80°    | 1.2    | 1.2  | 1.2    | 1.7  | 1.7    | 1.7  | 1.7    | 1.7  | 1.7    | 1.7  |
|      | 82.5°  | 2.9    | 3.5  | 4.0    | 4.0  | 4.6    | 4.6  | 4.6    | 4.6  | 4.0    | 4.0  |
|      | 85°    | 5.8    | 6.3  | 6.9    | 6.9  | 7.5    | 7.5  | 7.5    | 7.5  | 7.5    | 7.5  |
|      | 87.5°  | 8.1    | 8.6  | 9.2    | 9.2  | 9.8    | 9.8  | 9.8    | 9.8  | 9.8    | 9.8  |
|      | 90°    | 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  |
|      | 95°    | 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  |
|      | 100°   | 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  |
|      | 105°   | 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  |
|      | 110°   | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |



REPORT NUMBER: P1049214

CATALOG NUMBER: GALN-SA2B-840-U-RBC

**CANDELA DISTRIBUTION (continued):**

[illegible]

REPORT NUMBER: P1049214

CATALOG NUMBER: GALN-SA2B-840-U-RBC

**CANDELA DISTRIBUTION (continued):**

| 217.5° |        | 220° | 222.5° | 225° | 227.5° | 230° | 232.5° | 235° | 237.5° | 240° | 242.5° |
|--------|--------|------|--------|------|--------|------|--------|------|--------|------|--------|
| 0.0    | 0°     | 33.4 | 33.4   | 33.4 | 33.4   | 33.4 | 33.4   | 33.4 | 33.4   | 33.4 | 33.4   |
| 0.0    | 2.5°   | 38.5 | 38.5   | 38.0 | 38.0   | 38.0 | 38.0   | 38.0 | 38.5   | 39.1 | 39.1   |
| 0.0    | 5°     | 36.8 | 36.8   | 36.2 | 36.2   | 36.2 | 36.8   | 36.8 | 37.4   | 38.0 | 38.5   |
| 0.0    | 7.5°   | 35.1 | 34.5   | 34.5 | 35.1   | 35.1 | 35.7   | 35.7 | 36.2   | 36.8 | 37.4   |
| 0.0    | 10°    | 33.9 | 33.4   | 33.4 | 33.4   | 33.9 | 33.9   | 34.5 | 35.1   | 35.7 | 36.2   |
| 0.0    | 12.5°  | 31.6 | 31.6   | 31.6 | 31.6   | 32.2 | 32.2   | 32.8 | 33.4   | 34.5 | 35.1   |
| 0.0    | 15°    | 30.5 | 29.9   | 29.9 | 29.9   | 29.9 | 30.5   | 30.5 | 31.6   | 32.8 | 33.4   |
| 0.0    | 17.5°  | 28.2 | 28.2   | 27.6 | 27.6   | 28.2 | 28.2   | 28.8 | 29.9   | 31.1 | 31.6   |
| 0.0    | 20°    | 25.9 | 25.3   | 24.7 | 24.7   | 25.3 | 25.3   | 25.9 | 27.0   | 28.2 | 28.8   |
| 0.0    | 22.5°  | 22.4 | 21.9   | 21.9 | 21.9   | 21.9 | 22.4   | 22.4 | 23.6   | 25.3 | 26.5   |
| 0.0    | 25°    | 17.8 | 18.4   | 18.4 | 19.0   | 19.0 | 19.6   | 20.1 | 21.3   | 23.0 | 24.2   |
| 0.0    | 27.5°  | 13.8 | 14.4   | 14.4 | 15.5   | 16.1 | 16.7   | 17.3 | 19.0   | 20.7 | 21.9   |
| 0.0    | 30°    | 10.4 | 10.9   | 11.5 | 12.1   | 13.2 | 14.4   | 15.5 | 17.3   | 19.0 | 20.1   |
| 0.0    | 32.5°  | 6.3  | 7.5    | 8.1  | 9.2    | 10.4 | 11.5   | 12.7 | 14.4   | 16.7 | 18.4   |
| 0.0    | 35°    | 4.6  | 5.2    | 6.3  | 6.9    | 8.1  | 9.2    | 10.4 | 12.7   | 14.4 | 16.7   |
| 0.0    | 37.5°  | 2.3  | 3.5    | 4.6  | 5.8    | 6.9  | 8.1    | 9.2  | 11.5   | 13.8 | 15.5   |
| 0.0    | 40°    | 1.7  | 2.9    | 3.5  | 4.6    | 6.3  | 7.5    | 8.6  | 10.9   | 13.2 | 15.5   |
| 0.0    | 42.5°  | 1.2  | 1.7    | 2.3  | 4.0    | 5.2  | 6.9    | 8.6  | 10.9   | 13.2 | 15.5   |
| 0.0    | 45°    | 1.2  | 1.2    | 1.7  | 3.5    | 5.2  | 7.5    | 9.2  | 11.5   | 13.2 | 15.5   |
| 0.0    | 47.5°  | 1.2  | 1.7    | 2.3  | 4.6    | 5.8  | 7.5    | 9.2  | 10.9   | 13.2 | 15.0   |
| 0.0    | 50°    | 1.7  | 2.3    | 2.9  | 5.2    | 6.3  | 8.1    | 9.2  | 11.5   | 13.2 | 15.5   |
| 0.0    | 52.5°  | 1.2  | 1.7    | 2.3  | 4.6    | 6.3  | 8.6    | 10.4 | 12.7   | 15.0 | 16.7   |
| 0.0    | 55°    | 0.6  | 0.6    | 0.6  | 3.5    | 6.9  | 9.8    | 13.2 | 15.0   | 17.3 | 19.0   |
| 0.0    | 57.5°  | 0.0  | 0.0    | 0.0  | 2.3    | 6.9  | 10.9   | 15.0 | 17.3   | 19.6 | 21.3   |
| 0.0    | 60°    | 0.0  | 0.0    | 0.0  | 2.3    | 6.9  | 10.9   | 15.0 | 17.8   | 20.7 | 23.6   |
| 0.0    | 62.5°  | 0.0  | 0.0    | 0.0  | 2.3    | 5.8  | 9.2    | 12.7 | 17.3   | 22.4 | 27.0   |
| 0.0    | 65°    | 0.0  | 0.0    | 0.0  | 1.7    | 4.6  | 7.5    | 10.4 | 17.3   | 24.2 | 30.5   |
| 0.0    | 67.5°  | 0.0  | 0.0    | 0.0  | 1.7    | 4.6  | 6.9    | 9.8  | 17.3   | 24.2 | 31.6   |
|        | 70°    | 0.0  | 0.0    | 0.0  | 1.7    | 4.6  | 7.5    | 10.4 | 17.3   | 24.2 | 31.1   |
|        | 72.5°  | 0.0  | 0.0    | 0.0  | 1.7    | 5.2  | 8.1    | 11.5 | 17.3   | 23.0 | 28.8   |
|        | 75°    | 0.0  | 0.0    | 0.0  | 2.3    | 5.2  | 8.6    | 12.1 | 17.3   | 22.4 | 27.0   |
|        | 77.5°  | 0.0  | 0.0    | 0.0  | 1.7    | 5.2  | 8.1    | 11.5 | 16.7   | 21.9 | 26.5   |
|        | 80°    | 1.7  | 1.2    | 1.2  | 2.9    | 5.2  | 7.5    | 9.8  | 15.0   | 20.7 | 25.9   |
|        | 82.5°  | 3.5  | 3.5    | 2.9  | 4.0    | 5.2  | 6.9    | 8.6  | 13.2   | 18.4 | 23.0   |
|        | 85°    | 6.9  | 6.9    | 6.3  | 6.9    | 6.9  | 7.5    | 8.1  | 10.4   | 12.7 | 15.0   |
|        | 87.5°  | 9.2  | 9.2    | 8.6  | 8.6    | 8.6  | 8.1    | 8.1  | 8.1    | 8.1  | 7.5    |
|        | 90°    | 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    |
|        | 95°    | 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    |
|        | 100°   | 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    |
|        | 105°   | 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    |
|        | 110°   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |



REPORT NUMBER: P1049214

CATALOG NUMBER: GALN-SA2B-840-U-RBC

**CANDELA DISTRIBUTION (continued):**

| 245° |        | 220° | 222.5° | 225° | 227.5° | 230° | 232.5° | 235° | 237.5° | 240° | 242.5° |
|------|--------|------|--------|------|--------|------|--------|------|--------|------|--------|
| 33.4 | 112.5° | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 39.7 | 115°   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 39.1 | 117.5° | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 38.0 | 120°   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 36.8 | 122.5° | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 35.7 | 125°   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 34.5 | 127.5° | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 32.8 | 130°   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 29.9 | 132.5° | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 27.6 | 135°   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 25.3 | 137.5° | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 23.6 | 140°   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 21.9 | 142.5° | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 20.1 | 145°   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 18.4 | 147.5° | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 17.8 | 150°   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 17.8 | 152.5° | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 17.8 | 155°   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 17.3 | 157.5° | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 16.7 | 160°   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 17.3 | 162.5° | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 19.0 | 165°   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 20.7 | 167.5° | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 23.6 | 170°   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 26.5 | 172.5° | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 31.6 | 175°   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 37.4 | 177.5° | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 38.5 | 180°   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 38.0 |        |      |        |      |        |      |        |      |        |      |        |
| 34.5 |        |      |        |      |        |      |        |      |        |      |        |
| 32.2 |        |      |        |      |        |      |        |      |        |      |        |
| 31.6 |        |      |        |      |        |      |        |      |        |      |        |
| 31.1 |        |      |        |      |        |      |        |      |        |      |        |
| 27.6 |        |      |        |      |        |      |        |      |        |      |        |
| 17.3 |        |      |        |      |        |      |        |      |        |      |        |
| 7.5  |        |      |        |      |        |      |        |      |        |      |        |
| 0.0  |        |      |        |      |        |      |        |      |        |      |        |
| 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: GALN-SA2B-840-U-RBC

**CANDELA DISTRIBUTION (continued):**

| 245° |        | 247.5° | 250° | 252.5° | 255° | 257.5° | 260° | 262.5° | 265°  | 267.5° | 270°  |
|------|--------|--------|------|--------|------|--------|------|--------|-------|--------|-------|
| 0.0  | 0°     | 33.4   | 33.4 | 33.4   | 33.4 | 33.4   | 33.4 | 33.4   | 33.4  | 33.4   | 33.4  |
| 0.0  | 2.5°   | 40.3   | 40.8 | 40.8   | 41.4 | 42.0   | 42.6 | 42.6   | 43.1  | 43.1   | 43.1  |
| 0.0  | 5°     | 39.7   | 40.8 | 41.4   | 42.0 | 42.6   | 43.1 | 43.7   | 44.3  | 44.9   | 44.9  |
| 0.0  | 7.5°   | 39.1   | 39.7 | 40.8   | 41.4 | 42.6   | 43.1 | 44.3   | 44.9  | 45.4   | 46.0  |
| 0.0  | 10°    | 38.0   | 39.1 | 40.3   | 41.4 | 42.6   | 43.7 | 44.9   | 46.0  | 47.2   | 47.7  |
| 0.0  | 12.5°  | 36.8   | 38.5 | 39.7   | 40.8 | 42.6   | 44.3 | 45.4   | 47.2  | 48.3   | 49.5  |
| 0.0  | 15°    | 36.2   | 37.4 | 39.1   | 40.3 | 42.6   | 44.9 | 46.6   | 48.9  | 51.2   | 52.9  |
| 0.0  | 17.5°  | 34.5   | 36.8 | 38.5   | 40.3 | 42.6   | 45.4 | 47.7   | 50.0  | 53.5   | 56.9  |
| 0.0  | 20°    | 32.2   | 33.9 | 36.2   | 38.0 | 41.4   | 44.3 | 47.7   | 50.6  | 55.8   | 61.0  |
| 0.0  | 22.5°  | 29.9   | 32.2 | 33.9   | 36.2 | 40.3   | 43.7 | 47.7   | 51.2  | 59.8   | 67.9  |
| 0.0  | 25°    | 27.6   | 30.5 | 32.8   | 35.1 | 39.7   | 44.3 | 48.9   | 53.5  | 67.9   | 82.2  |
| 0.0  | 27.5°  | 26.5   | 28.8 | 31.6   | 33.9 | 39.7   | 46.0 | 51.8   | 57.5  | 80.5   | 103.0 |
| 0.0  | 30°    | 24.7   | 27.6 | 29.9   | 32.8 | 40.3   | 47.7 | 55.2   | 62.7  | 97.8   | 132.9 |
| 0.0  | 32.5°  | 23.0   | 25.9 | 28.8   | 31.6 | 41.4   | 51.2 | 60.4   | 70.2  | 116.2  | 161.6 |
| 0.0  | 35°    | 21.3   | 24.7 | 27.6   | 30.5 | 43.1   | 56.4 | 69.0   | 81.7  | 132.9  | 183.5 |
| 0.0  | 37.5°  | 20.7   | 24.2 | 27.0   | 29.9 | 43.7   | 56.9 | 70.7   | 84.0  | 134.6  | 185.2 |
| 0.0  | 40°    | 21.3   | 24.2 | 27.6   | 30.5 | 42.0   | 53.5 | 64.4   | 75.9  | 128.8  | 181.2 |
| 0.0  | 42.5°  | 21.3   | 24.7 | 28.2   | 31.6 | 40.8   | 50.0 | 59.2   | 68.4  | 127.1  | 185.8 |
| 0.0  | 45°    | 20.7   | 24.2 | 27.6   | 31.1 | 39.7   | 47.7 | 56.4   | 64.4  | 137.5  | 209.9 |
| 0.0  | 47.5°  | 20.1   | 23.6 | 27.0   | 30.5 | 39.1   | 47.7 | 56.4   | 65.0  | 177.7  | 289.9 |
| 0.0  | 50°    | 20.1   | 23.6 | 26.5   | 29.3 | 39.7   | 50.6 | 61.0   | 71.3  | 258.8  | 445.8 |
| 0.0  | 52.5°  | 21.3   | 24.2 | 26.5   | 28.8 | 40.8   | 53.5 | 65.6   | 77.6  | 329.0  | 579.8 |
| 0.0  | 55°    | 23.0   | 24.7 | 27.0   | 28.8 | 43.7   | 58.1 | 73.0   | 87.4  | 350.3  | 613.1 |
| 0.0  | 57.5°  | 25.3   | 27.0 | 28.8   | 30.5 | 48.9   | 67.3 | 85.1   | 103.5 | 352.0  | 599.9 |
| 0.0  | 60°    | 28.2   | 30.5 | 32.2   | 33.9 | 53.5   | 73.6 | 93.2   | 112.7 | 318.6  | 524.0 |
| 0.0  | 62.5°  | 34.5   | 37.4 | 39.7   | 42.6 | 61.5   | 79.9 | 98.9   | 117.3 | 264.6  | 411.8 |
| 0.0  | 65°    | 39.7   | 42.0 | 44.3   | 46.6 | 65.0   | 84.0 | 102.4  | 120.8 | 224.3  | 327.8 |
| 0.0  | 67.5°  | 40.8   | 43.1 | 44.9   | 47.2 | 66.1   | 85.1 | 103.5  | 122.5 | 192.1  | 261.1 |
|      | 70°    | 41.4   | 44.3 | 47.7   | 50.6 | 70.2   | 89.7 | 108.7  | 128.3 | 170.3  | 212.2 |
|      | 72.5°  | 39.7   | 45.4 | 50.6   | 55.8 | 74.2   | 92.0 | 110.4  | 128.3 | 158.2  | 188.1 |
|      | 75°    | 39.7   | 47.7 | 55.2   | 62.7 | 76.5   | 89.7 | 103.5  | 116.8 | 139.8  | 162.8 |
|      | 77.5°  | 42.0   | 52.3 | 62.7   | 73.0 | 81.1   | 88.6 | 96.6   | 104.1 | 119.1  | 134.0 |
|      | 80°    | 42.0   | 52.9 | 63.3   | 74.2 | 77.6   | 81.7 | 85.1   | 88.6  | 90.3   | 92.0  |
|      | 82.5°  | 36.2   | 44.9 | 53.5   | 62.1 | 58.1   | 54.1 | 50.0   | 46.0  | 43.1   | 39.7  |
|      | 85°    | 18.4   | 20.1 | 21.3   | 22.4 | 20.7   | 19.0 | 17.3   | 15.5  | 14.4   | 12.7  |
|      | 87.5°  | 7.5    | 7.5  | 6.9    | 6.9  | 6.9    | 6.9  | 6.3    | 6.3   | 6.3    | 6.3   |
|      | 90°    | 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   |
|      | 95°    | 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   |
|      | 100°   | 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   |
|      | 105°   | 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   |
|      | 110°   | 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: GALN-SA2B-840-U-RBC

**CANDELA DISTRIBUTION (continued):**

| 272.5° |        | 247.5° | 250° | 252.5° | 255° | 257.5° | 260° | 262.5° | 265° | 267.5° | 270° |
|--------|--------|--------|------|--------|------|--------|------|--------|------|--------|------|
| 33.4   | 112.5° | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 43.1   | 115°   | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 44.9   | 117.5° | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 46.6   | 120°   | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 48.9   | 122.5° | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 51.2   | 125°   | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 55.8   | 127.5° | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 61.5   | 130°   | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 70.7   | 132.5° | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 90.3   | 135°   | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 122.5  | 137.5° | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 170.3  | 140°   | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 230.6  | 142.5° | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 288.2  | 145°   | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 327.3  | 147.5° | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 356.6  | 150°   | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 385.9  | 152.5° | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 443.5  | 155°   | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 558.5  | 157.5° | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 851.3  | 160°   | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 1303.9 | 162.5° | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 1641.5 | 165°   | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 1678.9 | 167.5° | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 1515.0 | 170°   | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 1295.3 | 172.5° | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 1012.3 | 175°   | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 765.0  | 177.5° | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 564.8  | 180°   | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 399.7  |        |        |      |        |      |        |      |        |      |        |      |
| 297.4  |        |        |      |        |      |        |      |        |      |        |      |
| 216.3  |        |        |      |        |      |        |      |        |      |        |      |
| 162.8  |        |        |      |        |      |        |      |        |      |        |      |
| 91.5   |        |        |      |        |      |        |      |        |      |        |      |
| 41.4   |        |        |      |        |      |        |      |        |      |        |      |
| 12.1   |        |        |      |        |      |        |      |        |      |        |      |
| 5.8    |        |        |      |        |      |        |      |        |      |        |      |
| 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: GALN-SA2B-840-U-RBC

**CANDELA DISTRIBUTION (continued):**

| 272.5° |        | 275°   | 277.5° | 280°   | 282.5° | 285°   | 287.5° | 290°    | 292.5°  | 295°    | 297.5°  |
|--------|--------|--------|--------|--------|--------|--------|--------|---------|---------|---------|---------|
| 0.0    | 0°     | 33.4   | 33.4   | 33.4   | 33.4   | 33.4   | 33.4   | 33.4    | 33.4    | 33.4    | 33.4    |
| 0.0    | 2.5°   | 43.1   | 42.6   | 42.6   | 42.0   | 41.4   | 40.8   | 40.3    | 39.7    | 39.1    | 38.5    |
| 0.0    | 5°     | 44.9   | 44.9   | 44.9   | 44.3   | 44.3   | 43.7   | 43.7    | 43.1    | 42.6    | 42.0    |
| 0.0    | 7.5°   | 46.6   | 47.2   | 47.2   | 47.7   | 47.7   | 47.7   | 47.7    | 47.2    | 47.2    | 47.2    |
| 0.0    | 10°    | 49.5   | 50.0   | 50.6   | 51.2   | 51.8   | 52.3   | 52.3    | 52.9    | 52.9    | 52.9    |
| 0.0    | 12.5°  | 52.9   | 54.6   | 55.8   | 57.5   | 58.7   | 60.4   | 61.5    | 63.3    | 64.4    | 65.6    |
| 0.0    | 15°    | 58.1   | 61.0   | 64.4   | 67.3   | 70.2   | 74.2   | 78.8    | 82.8    | 86.9    | 93.2    |
| 0.0    | 17.5°  | 65.6   | 74.8   | 84.0   | 92.6   | 101.8  | 121.9  | 142.1   | 161.6   | 181.8   | 211.1   |
| 0.0    | 20°    | 79.9   | 107.6  | 134.6  | 162.2  | 189.2  | 260.0  | 330.1   | 400.9   | 471.1   | 546.4   |
| 0.0    | 22.5°  | 112.2  | 180.0  | 247.9  | 315.8  | 383.6  | 531.5  | 678.7   | 826.5   | 973.8   | 1146.9  |
| 0.0    | 25°    | 162.8  | 287.6  | 412.4  | 536.6  | 661.4  | 892.7  | 1124.5  | 1355.7  | 1586.9  | 1811.8  |
| 0.0    | 27.5°  | 237.0  | 427.9  | 618.9  | 809.3  | 1000.2 | 1313.7 | 1627.7  | 1941.2  | 2254.7  | 2508.9  |
| 0.0    | 30°    | 328.4  | 587.2  | 846.1  | 1104.9 | 1363.7 | 1720.3 | 2076.9  | 2433.0  | 2789.6  | 3067.4  |
| 0.0    | 32.5°  | 414.7  | 731.6  | 1048.5 | 1364.9 | 1681.8 | 2087.9 | 2494.5  | 2900.6  | 3306.7  | 3610.3  |
| 0.0    | 35°    | 471.1  | 854.1  | 1237.8 | 1620.8 | 2003.9 | 2443.3 | 2882.8  | 3321.6  | 3761.0  | 4107.9  |
| 0.0    | 37.5°  | 527.4  | 969.7  | 1411.5 | 1853.8 | 2295.5 | 2778.1 | 3260.6  | 3743.2  | 4225.8  | 4654.3  |
| 0.0    | 40°    | 590.7  | 1109.5 | 1627.7 | 2146.5 | 2664.8 | 3236.5 | 3807.6  | 4379.3  | 4950.5  | 5555.0  |
| 0.0    | 42.5°  | 700.6  | 1341.3 | 1982.6 | 2623.3 | 3264.1 | 4020.4 | 4776.8  | 5532.6  | 6288.9  | 7151.7  |
| 0.0    | 45°    | 907.0  | 1810.1 | 2713.7 | 3616.7 | 4519.7 | 5521.6 | 6524.1  | 7526.1  | 8528.0  | 9676.1  |
| 0.0    | 47.5°  | 1412.6 | 2655.0 | 3896.8 | 5139.1 | 6380.9 | 7462.8 | 8544.1  | 9626.0  | 10707.4 | 11850.8 |
| 0.0    | 50°    | 2161.5 | 3607.5 | 5053.4 | 6498.8 | 7944.8 | 8923.8 | 9902.1  | 10881.1 | 11859.4 | 12947.1 |
| 0.0    | 52.5°  | 2703.3 | 4209.7 | 5716.6 | 7223.0 | 8729.3 | 9612.8 | 10496.8 | 11380.3 | 12263.8 | 13280.1 |
| 0.0    | 55°    | 2744.1 | 4241.9 | 5740.2 | 7237.9 | 8735.7 | 9623.2 | 10510.7 | 11398.1 | 12285.6 | 13362.9 |
| 0.0    | 57.5°  | 2429.5 | 3915.2 | 5400.3 | 6885.9 | 8371.0 | 9381.6 | 10391.6 | 11402.2 | 12412.2 | 13576.9 |
| 0.0    | 60°    | 2066.6 | 3552.8 | 5038.5 | 6524.7 | 8010.4 | 9174.5 | 10339.2 | 11503.4 | 12667.5 | 13758.6 |
| 0.0    | 62.5°  | 1612.2 | 3141.0 | 4670.4 | 6199.2 | 7728.0 | 8910.0 | 10091.9 | 11273.3 | 12455.3 | 13273.8 |
| 0.0    | 65°    | 1201.5 | 2686.0 | 4170.6 | 5654.5 | 7139.0 | 8085.7 | 9032.5  | 9978.6  | 10925.3 | 11432.1 |
| 0.0    | 67.5°  | 868.5  | 2148.8 | 3428.6 | 4708.9 | 5988.7 | 6666.2 | 7343.8  | 8020.7  | 8698.3  | 9086.0  |
|        | 70°    | 587.2  | 1474.2 | 2360.5 | 3247.4 | 4133.7 | 4690.5 | 5247.8  | 5804.6  | 6361.4  | 6884.8  |
|        | 72.5°  | 406.6  | 904.7  | 1403.4 | 1901.5 | 2399.6 | 2959.8 | 3519.5  | 4079.7  | 4639.3  | 5193.2  |
|        | 75°    | 269.8  | 496.4  | 723.6  | 950.2  | 1176.8 | 1591.5 | 2006.8  | 2421.5  | 2836.2  | 3166.3  |
|        | 77.5°  | 191.5  | 259.4  | 327.8  | 395.7  | 463.6  | 541.2  | 619.5   | 697.1   | 774.8   | 892.7   |
|        | 80°    | 90.9   | 99.5   | 108.1  | 116.2  | 124.8  | 153.0  | 181.2   | 209.4   | 237.5   | 267.5   |
|        | 82.5°  | 43.1   | 46.6   | 50.0   | 52.9   | 56.4   | 59.2   | 62.1    | 65.0    | 67.9    | 65.0    |
|        | 85°    | 11.5   | 11.5   | 12.1   | 12.1   | 12.1   | 12.1   | 12.1    | 12.1    | 12.1    | 11.5    |
|        | 87.5°  | 5.2    | 5.2    | 5.2    | 5.2    | 5.2    | 5.2    | 5.2     | 4.6     | 4.6     | 4.0     |
|        | 90°    | 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     |
|        | 95°    | 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     |
|        | 100°   | 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     |
|        | 105°   | 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     |
|        | 110°   | 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: GALN-SA2B-840-U-RBC

**CANDELA DISTRIBUTION (continued):**

| 300°    |        | 275° | 277.5° | 280° | 282.5° | 285° | 287.5° | 290° | 292.5° | 295° | 297.5° |
|---------|--------|------|--------|------|--------|------|--------|------|--------|------|--------|
| 33.4    | 112.5° | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 38.0    | 115°   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 41.4    | 117.5° | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 46.6    | 120°   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 53.5    | 122.5° | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 66.1    | 125°   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 100.1   | 127.5° | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 239.8   | 130°   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 622.3   | 132.5° | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 1320.0  | 135°   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 2036.7  | 137.5° | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 2763.1  | 140°   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 3345.8  | 142.5° | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 3914.6  | 145°   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 4454.7  | 147.5° | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 5083.3  | 150°   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 6159.5  | 152.5° | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 8014.4  | 155°   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 10824.1 | 157.5° | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 12994.2 | 160°   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 14034.7 | 162.5° | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 14296.4 | 165°   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 14440.8 | 167.5° | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 14741.6 | 170°   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 14849.2 | 172.5° | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 14092.8 | 175°   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 11939.4 | 177.5° | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 9474.2  | 180°   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 7407.6  |        |      |        |      |        |      |        |      |        |      |        |
| 5747.1  |        |      |        |      |        |      |        |      |        |      |        |
| 3496.5  |        |      |        |      |        |      |        |      |        |      |        |
| 1010.6  |        |      |        |      |        |      |        |      |        |      |        |
| 297.4   |        |      |        |      |        |      |        |      |        |      |        |
| 61.5    |        |      |        |      |        |      |        |      |        |      |        |
| 10.9    |        |      |        |      |        |      |        |      |        |      |        |
| 4.0     |        |      |        |      |        |      |        |      |        |      |        |
| 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):**

| 300° |        | 302.5°  | 305°    | 307.5°  | 310°    | 312.5°  | 315°    | 317.5°  | 320°    | 322.5°  |
|------|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0.0  | 0°     | 33.4    | 33.4    | 33.4    | 33.4    | 33.4    | 33.4    | 33.4    | 33.4    | 33.4    |
| 0.0  | 2.5°   | 37.4    | 36.8    | 36.2    | 35.7    | 35.1    | 33.9    | 33.9    | 33.4    | 33.4    |
| 0.0  | 5°     | 40.8    | 40.3    | 39.7    | 39.1    | 39.1    | 38.5    | 38.0    | 38.0    | 37.4    |
| 0.0  | 7.5°   | 46.6    | 46.0    | 45.4    | 44.9    | 44.9    | 44.3    | 44.3    | 43.7    | 43.7    |
| 0.0  | 10°    | 53.5    | 53.5    | 53.5    | 53.5    | 53.5    | 52.9    | 52.9    | 52.9    | 52.3    |
| 0.0  | 12.5°  | 67.3    | 67.9    | 69.0    | 70.2    | 71.9    | 71.9    | 71.9    | 71.3    | 71.3    |
| 0.0  | 15°    | 106.4   | 112.7   | 117.3   | 121.9   | 126.0   | 135.2   | 134.0   | 132.3   | 131.1   |
| 0.0  | 17.5°  | 269.2   | 297.9   | 313.5   | 328.4   | 344.0   | 386.5   | 379.6   | 372.7   | 366.4   |
| 0.0  | 20°    | 697.7   | 773.0   | 823.1   | 873.1   | 923.7   | 1003.7  | 984.1   | 964.6   | 945.0   |
| 0.0  | 22.5°  | 1492.6  | 1665.7  | 1741.0  | 1816.4  | 1891.2  | 1987.8  | 1925.1  | 1862.4  | 1800.3  |
| 0.0  | 25°    | 2261.0  | 2485.9  | 2613.0  | 2740.1  | 2866.6  | 2921.9  | 2840.2  | 2757.9  | 2676.3  |
| 0.0  | 27.5°  | 3017.3  | 3271.6  | 3383.7  | 3495.3  | 3607.5  | 3723.1  | 3621.8  | 3520.0  | 3418.8  |
| 0.0  | 30°    | 3623.6  | 3901.4  | 4022.7  | 4143.5  | 4264.9  | 4345.4  | 4240.7  | 4135.5  | 4030.8  |
| 0.0  | 32.5°  | 4218.3  | 4522.0  | 4654.8  | 4787.7  | 4920.0  | 5035.6  | 4906.8  | 4777.4  | 4648.5  |
| 0.0  | 35°    | 4800.9  | 5147.8  | 5330.7  | 5513.6  | 5696.5  | 5804.0  | 5651.0  | 5497.5  | 5344.5  |
| 0.0  | 37.5°  | 5511.9  | 5940.4  | 6145.1  | 6349.9  | 6554.6  | 6750.8  | 6582.2  | 6413.1  | 6244.6  |
| 0.0  | 40°    | 6764.0  | 7368.5  | 7682.5  | 7997.2  | 8311.2  | 8564.3  | 8351.5  | 8138.7  | 7925.8  |
| 0.0  | 42.5°  | 8877.2  | 9739.9  | 10191.4 | 10642.4 | 11093.9 | 11489.0 | 11265.3 | 11041.5 | 10817.8 |
| 0.0  | 45°    | 11972.2 | 13120.2 | 13670.6 | 14220.5 | 14770.9 | 15059.7 | 14737.6 | 14414.9 | 14092.8 |
| 0.0  | 47.5°  | 14137.1 | 15280.5 | 15770.6 | 16260.6 | 16750.7 | 17080.2 | 16686.2 | 16292.3 | 15898.8 |
| 0.0  | 50°    | 15121.8 | 16209.4 | 16701.2 | 17192.4 | 17684.2 | 17945.9 | 17490.9 | 17035.4 | 16580.4 |
| 0.0  | 52.5°  | 15312.2 | 16328.5 | 16915.2 | 17502.4 | 18089.1 | 18438.8 | 17901.6 | 17363.8 | 16826.6 |
| 0.0  | 55°    | 15518.1 | 16595.4 | 17275.8 | 17956.8 | 18637.2 | 19121.5 | 18514.1 | 17906.2 | 17298.8 |
| 0.0  | 57.5°  | 15905.7 | 17070.5 | 17749.2 | 18427.3 | 19106.0 | 19517.2 | 18908.1 | 18298.4 | 17689.3 |
| 0.0  | 60°    | 15940.3 | 17030.8 | 17614.0 | 18197.8 | 18781.0 | 19039.8 | 18457.2 | 17874.0 | 17291.3 |
| 0.0  | 62.5°  | 14911.3 | 15729.7 | 16134.7 | 16539.6 | 16944.5 | 17225.8 | 16617.8 | 16009.3 | 15401.3 |
| 0.0  | 65°    | 12446.1 | 12952.8 | 13275.5 | 13598.2 | 13920.8 | 14256.2 | 13699.4 | 13142.6 | 12585.9 |
| 0.0  | 67.5°  | 9861.9  | 10249.5 | 10674.6 | 11099.6 | 11524.7 | 11883.0 | 11437.2 | 10990.9 | 10545.2 |
|      | 70°    | 7931.0  | 8453.8  | 8931.8  | 9409.8  | 9887.7  | 10181.1 | 9733.6  | 9285.5  | 8838.1  |
|      | 72.5°  | 6301.0  | 6854.9  | 7254.0  | 7652.6  | 8051.8  | 8123.7  | 7794.7  | 7465.7  | 7137.3  |
|      | 75°    | 3826.0  | 4156.2  | 4164.2  | 4171.7  | 4179.8  | 4248.2  | 3975.6  | 3702.9  | 3430.9  |
|      | 77.5°  | 1128.5  | 1246.4  | 1343.6  | 1440.2  | 1537.4  | 1654.8  | 1554.7  | 1454.0  | 1353.9  |
|      | 80°    | 326.7   | 356.6   | 381.9   | 406.6   | 432.0   | 417.0   | 393.4   | 369.8   | 346.3   |
|      | 82.5°  | 58.7    | 55.2    | 54.6    | 54.1    | 54.1    | 51.2    | 46.6    | 42.0    | 37.4    |
|      | 85°    | 10.4    | 9.8     | 9.2     | 8.6     | 8.1     | 7.5     | 6.3     | 5.8     | 4.6     |
|      | 87.5°  | 3.5     | 2.9     | 2.3     | 1.7     | 1.7     | 0.6     | 0.6     | 0.6     | 0.0     |
|      | 90°    | 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     |
|      | 95°    | 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     |
|      | 100°   | 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     |
|      | 105°   | 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     |
|      | 110°   | 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):**

[illegible]

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CATALOG NUMBER: GALN-SA2B-840-U-RBC

**CANDELA DISTRIBUTION (continued):**

| 325° | 327.5° |        | 330°    | 332.5°  | 335°    | 337.5°  | 340°    | 342.5°  | 345°   | 347.5° | 350°   |
|------|--------|--------|---------|---------|---------|---------|---------|---------|--------|--------|--------|
| 0.0  | 0.0    | 0°     | 33.4    | 33.4    | 33.4    | 33.4    | 33.4    | 33.4    | 33.4   | 33.4   | 33.4   |
| 0.0  | 0.0    | 2.5°   | 32.8    | 32.2    | 32.2    | 32.2    | 32.2    | 31.6    | 31.6   | 31.6   | 31.6   |
| 0.0  | 0.0    | 5°     | 36.2    | 36.2    | 35.7    | 35.7    | 35.1    | 35.1    | 34.5   | 34.5   | 33.9   |
| 0.0  | 0.0    | 7.5°   | 42.6    | 42.0    | 41.4    | 40.8    | 40.3    | 39.1    | 38.5   | 38.0   | 38.0   |
| 0.0  | 0.0    | 10°    | 51.2    | 50.0    | 49.5    | 48.3    | 47.7    | 46.6    | 45.4   | 44.3   | 43.1   |
| 0.0  | 0.0    | 12.5°  | 67.3    | 65.0    | 63.3    | 61.0    | 58.7    | 56.9    | 54.6   | 52.9   | 50.6   |
| 0.0  | 0.0    | 15°    | 116.8   | 111.0   | 104.7   | 97.2    | 89.2    | 81.7    | 73.6   | 69.0   | 63.8   |
| 0.0  | 0.0    | 17.5°  | 298.5   | 268.6   | 238.1   | 213.4   | 188.7   | 164.5   | 139.8  | 121.9  | 104.1  |
| 0.0  | 0.0    | 20°    | 759.8   | 677.0   | 594.2   | 512.5   | 430.2   | 348.6   | 266.3  | 224.9  | 183.5  |
| 0.0  | 0.0    | 22.5°  | 1429.9  | 1276.3  | 1122.2  | 973.2   | 823.6   | 674.7   | 525.7  | 432.0  | 338.8  |
| 0.0  | 0.0    | 25°    | 2206.9  | 2013.7  | 1820.4  | 1575.4  | 1329.8  | 1084.8  | 839.7  | 687.3  | 534.9  |
| 0.0  | 0.0    | 27.5°  | 2871.8  | 2649.2  | 2426.6  | 2128.7  | 1830.8  | 1532.8  | 1234.9 | 1007.7 | 781.1  |
| 0.0  | 0.0    | 30°    | 3447.6  | 3208.3  | 2969.0  | 2622.2  | 2275.4  | 1928.5  | 1581.7 | 1297.6 | 1013.4 |
| 0.0  | 0.0    | 32.5°  | 3946.8  | 3660.4  | 3373.9  | 3016.2  | 2658.4  | 2300.7  | 1942.9 | 1594.4 | 1245.8 |
| 0.0  | 0.0    | 35°    | 4522.6  | 4188.4  | 3853.6  | 3456.8  | 3059.3  | 2662.5  | 2265.6 | 1872.2 | 1478.2 |
| 0.0  | 0.0    | 37.5°  | 5254.2  | 4844.1  | 4433.4  | 3991.1  | 3548.8  | 3107.1  | 2664.8 | 2215.0 | 1765.2 |
| 0.0  | 0.0    | 40°    | 6654.7  | 6125.6  | 5596.4  | 5034.5  | 4471.9  | 3910.0  | 3348.1 | 2795.9 | 2243.7 |
| 0.0  | 0.0    | 42.5°  | 9164.2  | 8449.2  | 7734.3  | 6986.6  | 6238.3  | 5490.6  | 4742.3 | 3963.5 | 3184.1 |
| 0.0  | 0.0    | 45°    | 11996.3 | 11109.4 | 10221.9 | 9382.7  | 8543.0  | 7703.8  | 6864.6 | 5796.0 | 4727.3 |
| 0.0  | 0.0    | 47.5°  | 13589.0 | 12631.3 | 11673.6 | 10879.3 | 10085.0 | 9290.7  | 8496.4 | 7344.3 | 6192.3 |
| 0.0  | 0.0    | 50°    | 14175.1 | 13200.1 | 12225.2 | 11494.2 | 10762.6 | 10031.5 | 9299.9 | 8146.1 | 6991.8 |
| 0.0  | 0.0    | 52.5°  | 14299.9 | 13305.4 | 12310.9 | 11575.3 | 10839.6 | 10104.6 | 9368.9 | 8222.6 | 7076.3 |
| 0.0  | 0.0    | 55°    | 14556.4 | 13489.5 | 12421.9 | 11583.3 | 10744.7 | 9906.1  | 9067.5 | 7902.8 | 6738.1 |
| 0.0  | 0.0    | 57.5°  | 14891.7 | 13797.7 | 12703.8 | 11748.4 | 10793.1 | 9838.3  | 8882.9 | 7609.5 | 6336.1 |
| 0.0  | 0.0    | 60°    | 14803.7 | 13851.8 | 12899.3 | 11876.1 | 10852.3 | 9829.1  | 8805.3 | 7404.7 | 6003.6 |
| 0.0  | 0.0    | 62.5°  | 13276.1 | 12518.0 | 11759.3 | 10917.9 | 10075.8 | 9234.3  | 8392.9 | 6950.9 | 5509.0 |
| 0.0  | 0.0    | 65°    | 10921.9 | 10368.6 | 9815.3  | 9138.3  | 8460.7  | 7783.8  | 7106.8 | 5813.8 | 4521.4 |
| 0.0  | 0.0    | 67.5°  | 8851.9  | 8228.4  | 7604.3  | 7064.8  | 6524.7  | 5985.2  | 5445.1 | 4427.7 | 3410.2 |
|      |        | 70°    | 7032.6  | 6354.5  | 5675.8  | 5148.9  | 4621.5  | 4094.6  | 3567.8 | 2891.4 | 2215.6 |
|      |        | 72.5°  | 5584.9  | 4973.5  | 4362.1  | 3800.1  | 3237.6  | 2675.7  | 2113.2 | 1713.4 | 1313.7 |
|      |        | 75°    | 2669.4  | 2424.9  | 2180.5  | 1886.6  | 1592.6  | 1298.7  | 1004.8 | 830.5  | 656.8  |
|      |        | 77.5°  | 989.3   | 857.6   | 725.3   | 605.7   | 486.0   | 367.0   | 247.3  | 226.6  | 205.9  |
|      |        | 80°    | 256.0   | 223.2   | 189.8   | 166.2   | 142.1   | 118.5   | 94.9   | 85.7   | 77.1   |
|      |        | 82.5°  | 29.3    | 27.0    | 25.3    | 24.2    | 22.4    | 21.3    | 19.6   | 17.8   | 16.1   |
|      |        | 85°    | 1.7     | 1.2     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0    | 0.0    | 0.0    |
|      |        | 87.5°  | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0    | 0.0    | 0.0    |
|      |        | 90°    | 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    |
|      |        | 95°    | 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    |
|      |        | 100°   | 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    |
|      |        | 105°   | 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    |
|      |        | 110°   | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0    | 0.0    | 0.0    |



REPORT NUMBER: P1049214  
CATALOG NUMBER: GALN-SA2B-840-U-RBC

**CANDELA DISTRIBUTION (continued):**

[illegible]



REPORT NUMBER: P1049214

CATALOG NUMBER: GALN-SA2B-840-U-RBC

**CANDELA DISTRIBUTION (continued):**

| 352.5° | 355° |        | 357.5° | 360°   |
|--------|------|--------|--------|--------|
| 0.0    | 0.0  | 0°     | 33.4   | 33.4   |
| 0.0    | 0.0  | 2.5°   | 31.1   | 30.5   |
| 0.0    | 0.0  | 5°     | 32.8   | 32.2   |
| 0.0    | 0.0  | 7.5°   | 36.2   | 35.1   |
| 0.0    | 0.0  | 10°    | 39.7   | 38.5   |
| 0.0    | 0.0  | 12.5°  | 44.9   | 43.1   |
| 0.0    | 0.0  | 15°    | 50.6   | 47.2   |
| 0.0    | 0.0  | 17.5°  | 60.4   | 52.9   |
| 0.0    | 0.0  | 20°    | 81.7   | 62.7   |
| 0.0    | 0.0  | 22.5°  | 115.0  | 78.2   |
| 0.0    | 0.0  | 25°    | 169.1  | 108.1  |
| 0.0    | 0.0  | 27.5°  | 235.2  | 143.8  |
| 0.0    | 0.0  | 30°    | 312.9  | 180.0  |
| 0.0    | 0.0  | 32.5°  | 381.3  | 214.5  |
| 0.0    | 0.0  | 35°    | 470.5  | 249.6  |
| 0.0    | 0.0  | 37.5°  | 580.3  | 294.5  |
| 0.0    | 0.0  | 40°    | 750.6  | 362.4  |
| 0.0    | 0.0  | 42.5°  | 1057.2 | 487.7  |
| 0.0    | 0.0  | 45°    | 1716.9 | 843.2  |
| 0.0    | 0.0  | 47.5°  | 2641.8 | 1394.8 |
| 0.0    | 0.0  | 50°    | 3231.9 | 1780.2 |
| 0.0    | 0.0  | 52.5°  | 3280.2 | 1777.3 |
| 0.0    | 0.0  | 55°    | 2994.3 | 1580.0 |
| 0.0    | 0.0  | 57.5°  | 2554.9 | 1320.6 |
| 0.0    | 0.0  | 60°    | 2123.5 | 1044.5 |
| 0.0    | 0.0  | 62.5°  | 1673.2 | 721.3  |
| 0.0    | 0.0  | 65°    | 1222.8 | 510.2  |
| 0.0    | 0.0  | 67.5°  | 878.3  | 381.3  |
|        |      | 70°    | 577.5  | 292.2  |
|        |      | 72.5°  | 376.2  | 238.1  |
|        |      | 75°    | 253.1  | 197.3  |
|        |      | 77.5°  | 147.8  | 131.1  |
|        |      | 80°    | 52.3   | 46.0   |
|        |      | 82.5°  | 9.8    | 6.9    |
|        |      | 85°    | 0.0    | 0.0    |
|        |      | 87.5°  | 0.0    | 0.0    |
|        |      | 90°    | 0.0    | 0.0    |
|        |      | 92.5°  | 0.0    | 0.0    |
|        |      | 95°    | 0.0    | 0.0    |
|        |      | 97.5°  | 0.0    | 0.0    |
|        |      | 100°   | 0.0    | 0.0    |
|        |      | 102.5° | 0.0    | 0.0    |
|        |      | 105°   | 0.0    | 0.0    |
|        |      | 107.5° | 0.0    | 0.0    |
|        |      | 110°   | 0.0    | 0.0    |



REPORT NUMBER: P1049214

CATALOG NUMBER: GALN-SA2B-840-U-RBC

**CANDELA DISTRIBUTION (continued):**

|        | 357.5° | 360° |
|--------|--------|------|
| 112.5° | 0.0    | 0.0  |
| 115°   | 0.0    | 0.0  |
| 117.5° | 0.0    | 0.0  |
| 120°   | 0.0    | 0.0  |
| 122.5° | 0.0    | 0.0  |
| 125°   | 0.0    | 0.0  |
| 127.5° | 0.0    | 0.0  |
| 130°   | 0.0    | 0.0  |
| 132.5° | 0.0    | 0.0  |
| 135°   | 0.0    | 0.0  |
| 137.5° | 0.0    | 0.0  |
| 140°   | 0.0    | 0.0  |
| 142.5° | 0.0    | 0.0  |
| 145°   | 0.0    | 0.0  |
| 147.5° | 0.0    | 0.0  |
| 150°   | 0.0    | 0.0  |
| 152.5° | 0.0    | 0.0  |
| 155°   | 0.0    | 0.0  |
| 157.5° | 0.0    | 0.0  |
| 160°   | 0.0    | 0.0  |
| 162.5° | 0.0    | 0.0  |
| 165°   | 0.0    | 0.0  |
| 167.5° | 0.0    | 0.0  |
| 170°   | 0.0    | 0.0  |
| 172.5° | 0.0    | 0.0  |
| 175°   | 0.0    | 0.0  |
| 177.5° | 0.0    | 0.0  |
| 180°   | 0.0    | 0.0  |

LM-79-2019: Approved Method: Electrical and Photometric Measurements of Solid-State Lighting Products

Report Prepared for

Cooper Lighting Solutions

McGraw-Edison

Report Number: SP1-2407-184-11

Test Date: 10/11/2024

Luminaire Tested: GSS-SB1A-840-U-5WQ

Data in this report applies to families of products including GSS-SB1A-840-U-5WQ

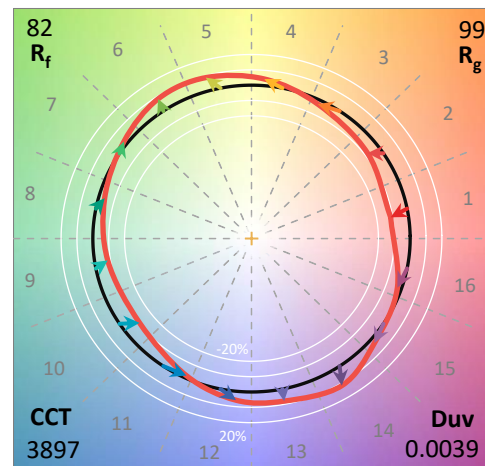
### Test Information

Test Method: LM-79-2019  
 Report Number: SP1-2407-184-11  
 Test Lab: COOPER LIGHTING SOLUTIONS  
 Photometer: SP1 - 76IN SPHERE  
 Measurement Geometry:  $4\pi$   
 Issue Date: 10/15/2024  
 Manufacturer: COOPER LIGHTING SOLUTIONS  
 Product Line: McGraw-Edison  
 Catalog Number: **GSS-SB1A-840-U-5WQ**  
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 80 CRI  
 4000K CCT 26 LEDS

### Spectral Parameters

CCT (K): 3897  
 CIE  $u'$ : 0.2249  
 CIE  $v'$ : 0.5084  
 Duv: 0.0039  
 CIE x: 0.3882  
 CIE y: 0.3900  
 CIE z: 0.2218  
 Peak Wavelength (nm): 445  
 Dominant Wavelength (nm): 577  
 Purity: 33.54925  
 R<sub>f</sub>: 81.8  
 R<sub>g</sub>: 98.6

CRI (Ra): 80.2  
 R1: 78.9  
 R2: 83.5  
 R3: 88.3  
 R4: 82.1  
 R5: 78.8  
 R6: 78.4  
 R7: 85.8  
 R8: 65.8  
 R9: 6.7  
 R10: 61.9  
 R11: 81.9  
 R12: 58.9  
 R13: 79.2  
 R14: 93.2  
 R15: 71.9



### Test Conditions

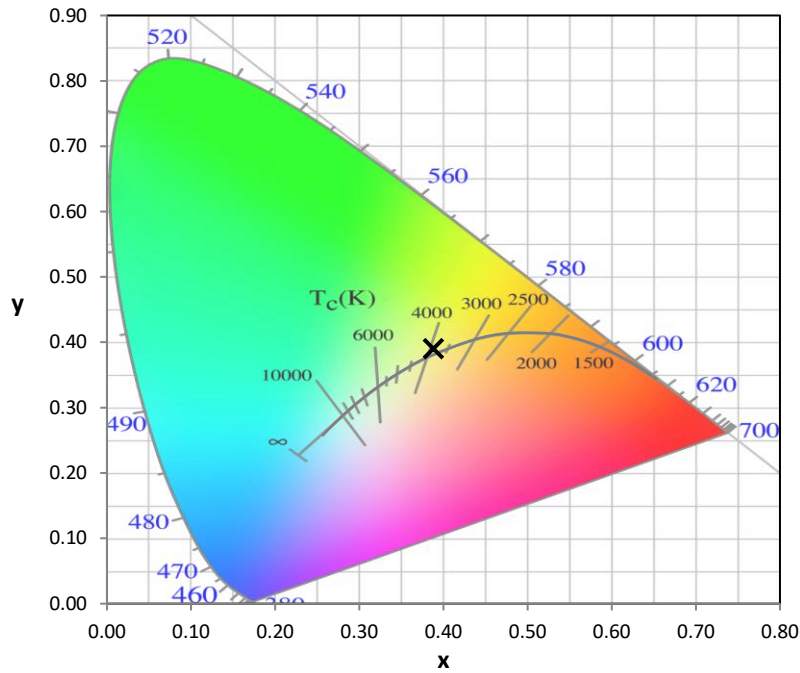
Stabilization Time: 24M  
 Operation Time: 1H 24M  
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-11

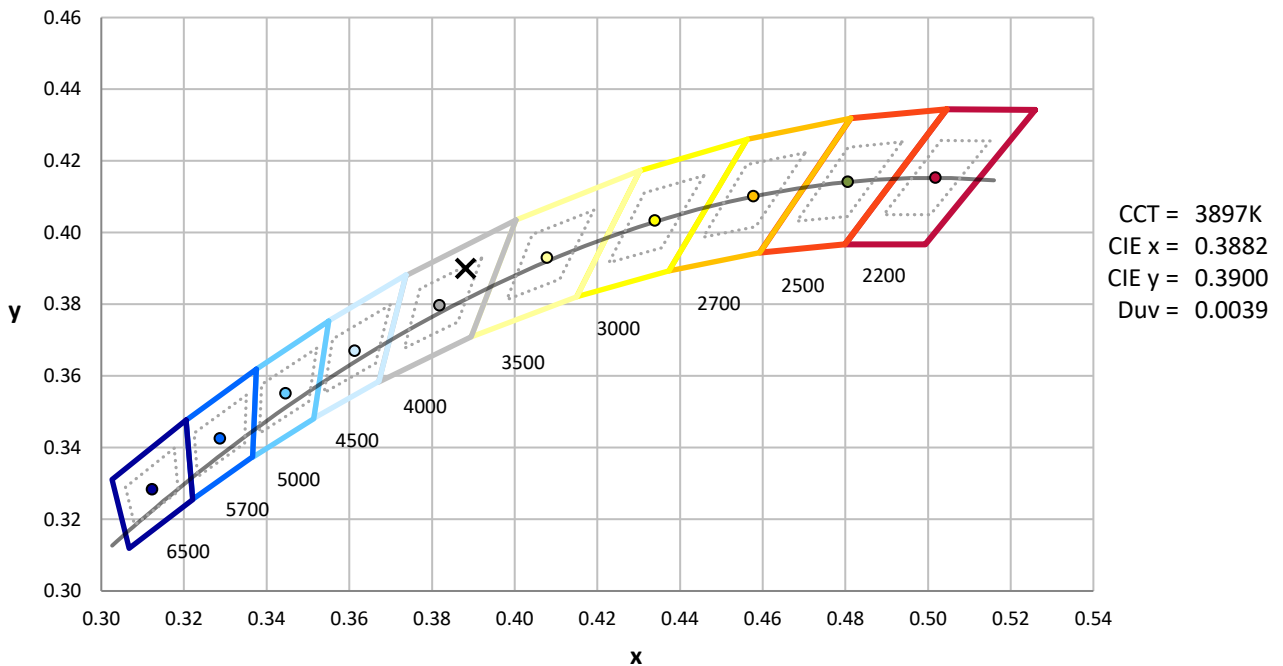
| Measurement and Test Equipment |                       |                  |                      |
|--------------------------------|-----------------------|------------------|----------------------|
| Instrument                     | Identification Number | Calibration Date | Calibration Due Date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

REPORT NUMBER: SP1-2407-184-11

**CIE 1931 Chromaticity Diagram**



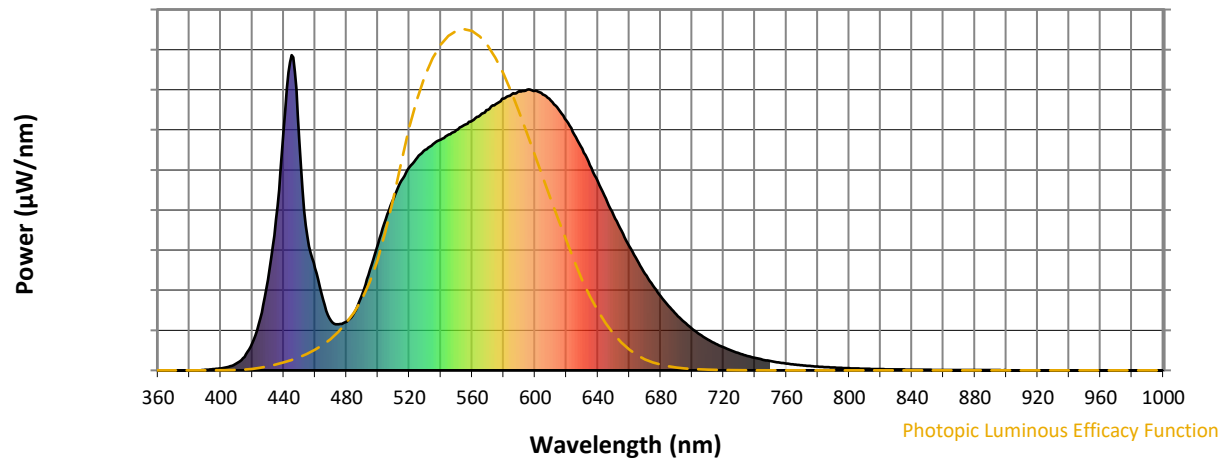
**CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles**



Point lies inside the ANSI 4000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-11

### Photopic Flux vs. Wavelength

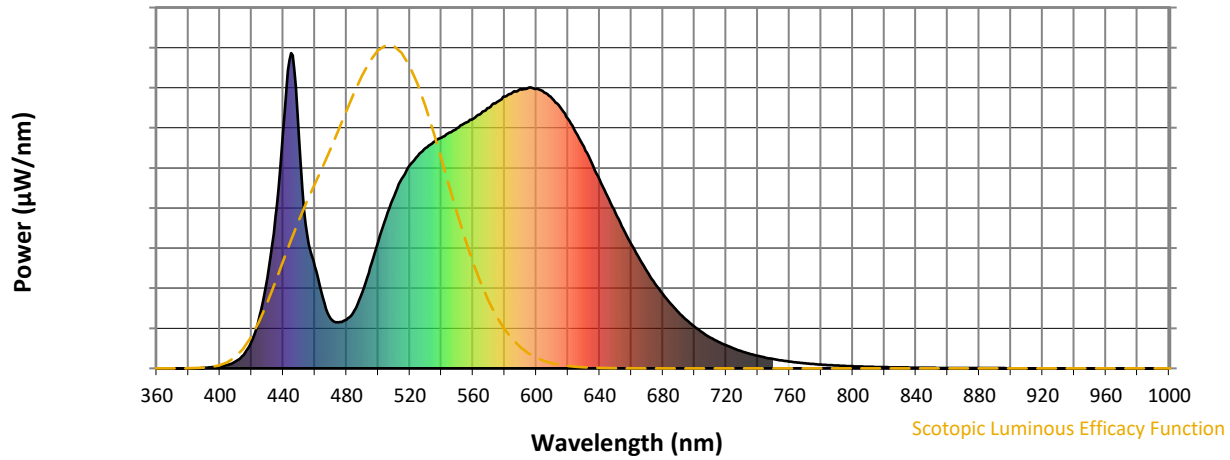


### Photopic Lumens: NR

| λ<br>(nm) | Power<br>W <sup>^</sup> /nm | Lumens<br>(φ/nm) | λ<br>(nm) | Power<br>W <sup>^</sup> /nm | Lumens<br>(φ/nm) | λ<br>(nm) | Power<br>W <sup>^</sup> /nm | Lumens<br>(φ/nm) | λ<br>(nm) | Power<br>W <sup>^</sup> /nm | Lumens<br>(φ/nm) | λ<br>(nm) | Power<br>W <sup>^</sup> /nm | Lumens<br>(φ/nm) |
|-----------|-----------------------------|------------------|-----------|-----------------------------|------------------|-----------|-----------------------------|------------------|-----------|-----------------------------|------------------|-----------|-----------------------------|------------------|
| 360       | 0                           | NR               | 490       | 242                         | NR               | 620       | 792                         | NR               | 750       | 29                          | NR               | 880       | 1                           | NR               |
| 365       | 0                           | NR               | 495       | 320                         | NR               | 625       | 748                         | NR               | 755       | 25                          | NR               | 885       | 1                           | NR               |
| 370       | 0                           | NR               | 500       | 401                         | NR               | 630       | 703                         | NR               | 760       | 22                          | NR               | 890       | 1                           | NR               |
| 375       | 0                           | NR               | 505       | 479                         | NR               | 635       | 651                         | NR               | 765       | 19                          | NR               | 895       | 1                           | NR               |
| 380       | 0                           | NR               | 510       | 546                         | NR               | 640       | 599                         | NR               | 770       | 16                          | NR               | 900       | 1                           | NR               |
| 385       | 0                           | NR               | 515       | 602                         | NR               | 645       | 545                         | NR               | 775       | 14                          | NR               | 905       | 0                           | NR               |
| 390       | 2                           | NR               | 520       | 645                         | NR               | 650       | 493                         | NR               | 780       | 12                          | NR               | 910       | 0                           | NR               |
| 395       | 4                           | NR               | 525       | 674                         | NR               | 655       | 443                         | NR               | 785       | 10                          | NR               | 915       | 0                           | NR               |
| 400       | 6                           | NR               | 530       | 699                         | NR               | 660       | 394                         | NR               | 790       | 9                           | NR               | 920       | 0                           | NR               |
| 405       | 11                          | NR               | 535       | 718                         | NR               | 665       | 349                         | NR               | 795       | 8                           | NR               | 925       | 0                           | NR               |
| 410       | 22                          | NR               | 540       | 732                         | NR               | 670       | 307                         | NR               | 800       | 7                           | NR               | 930       | 0                           | NR               |
| 415       | 43                          | NR               | 545       | 749                         | NR               | 675       | 269                         | NR               | 805       | 6                           | NR               | 935       | 0                           | NR               |
| 420       | 86                          | NR               | 550       | 762                         | NR               | 680       | 235                         | NR               | 810       | 5                           | NR               | 940       | 0                           | NR               |
| 425       | 164                         | NR               | 555       | 778                         | NR               | 685       | 204                         | NR               | 815       | 5                           | NR               | 945       | 0                           | NR               |
| 430       | 288                         | NR               | 560       | 792                         | NR               | 690       | 178                         | NR               | 820       | 4                           | NR               | 950       | 0                           | NR               |
| 435       | 478                         | NR               | 565       | 809                         | NR               | 695       | 153                         | NR               | 825       | 3                           | NR               | 955       | 0                           | NR               |
| 440       | 766                         | NR               | 570       | 827                         | NR               | 700       | 132                         | NR               | 830       | 3                           | NR               | 960       | 0                           | NR               |
| 445       | 1000                        | NR               | 575       | 845                         | NR               | 705       | 114                         | NR               | 835       | 3                           | NR               | 965       | 0                           | NR               |
| 450       | 726                         | NR               | 580       | 862                         | NR               | 710       | 98                          | NR               | 840       | 2                           | NR               | 970       | 0                           | NR               |
| 455       | 425                         | NR               | 585       | 875                         | NR               | 715       | 84                          | NR               | 845       | 2                           | NR               | 975       | 0                           | NR               |
| 460       | 324                         | NR               | 590       | 887                         | NR               | 720       | 73                          | NR               | 850       | 2                           | NR               | 980       | 0                           | NR               |
| 465       | 225                         | NR               | 595       | 890                         | NR               | 725       | 63                          | NR               | 855       | 1                           | NR               | 985       | 0                           | NR               |
| 470       | 157                         | NR               | 600       | 887                         | NR               | 730       | 54                          | NR               | 860       | 1                           | NR               | 990       | 0                           | NR               |
| 475       | 147                         | NR               | 605       | 875                         | NR               | 735       | 46                          | NR               | 865       | 1                           | NR               | 995       | 0                           | NR               |
| 480       | 154                         | NR               | 610       | 856                         | NR               | 740       | 40                          | NR               | 870       | 1                           | NR               | 1000      | 0                           | NR               |
| 485       | 184                         | NR               | 615       | 828                         | NR               | 745       | 34                          | NR               | 875       | 1                           | NR               |           |                             |                  |

REPORT NUMBER: SP1-2407-184-11

### Scotopic Flux vs. Wavelength



Scotopic Lumens: NR

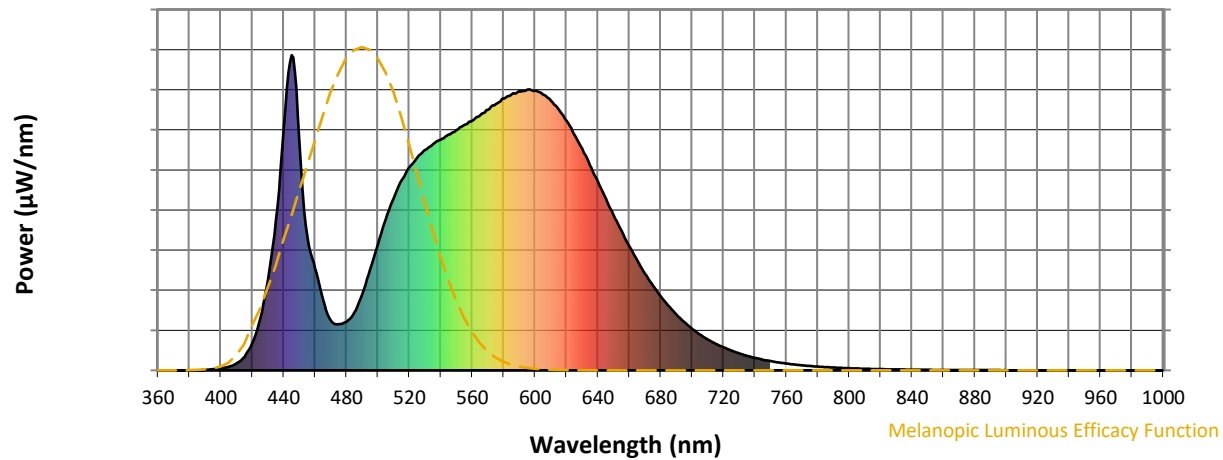
S/P: 1.57

| λ (nm) | Power W <sup>^</sup> /nm | Lumens (Φ/nm) | λ (nm) | Power W <sup>^</sup> /nm | Lumens (Φ/nm) | λ (nm) | Power W <sup>^</sup> /nm | Lumens (Φ/nm) | λ (nm) | Power W <sup>^</sup> /nm | Lumens (Φ/nm) | λ (nm) | Power W <sup>^</sup> /nm | Lumens (Φ/nm) |
|--------|--------------------------|---------------|--------|--------------------------|---------------|--------|--------------------------|---------------|--------|--------------------------|---------------|--------|--------------------------|---------------|
| 360    | 0                        | NR            | 490    | 242                      | NR            | 620    | 792                      | NR            | 750    | 29                       | NR            | 880    | 1                        | NR            |
| 365    | 0                        | NR            | 495    | 320                      | NR            | 625    | 748                      | NR            | 755    | 25                       | NR            | 885    | 1                        | NR            |
| 370    | 0                        | NR            | 500    | 401                      | NR            | 630    | 703                      | NR            | 760    | 22                       | NR            | 890    | 1                        | NR            |
| 375    | 0                        | NR            | 505    | 479                      | NR            | 635    | 651                      | NR            | 765    | 19                       | NR            | 895    | 1                        | NR            |
| 380    | 0                        | NR            | 510    | 546                      | NR            | 640    | 599                      | NR            | 770    | 16                       | NR            | 900    | 1                        | NR            |
| 385    | 0                        | NR            | 515    | 602                      | NR            | 645    | 545                      | NR            | 775    | 14                       | NR            | 905    | 0                        | NR            |
| 390    | 2                        | NR            | 520    | 645                      | NR            | 650    | 493                      | NR            | 780    | 12                       | NR            | 910    | 0                        | NR            |
| 395    | 4                        | NR            | 525    | 674                      | NR            | 655    | 443                      | NR            | 785    | 10                       | NR            | 915    | 0                        | NR            |
| 400    | 6                        | NR            | 530    | 699                      | NR            | 660    | 394                      | NR            | 790    | 9                        | NR            | 920    | 0                        | NR            |
| 405    | 11                       | NR            | 535    | 718                      | NR            | 665    | 349                      | NR            | 795    | 8                        | NR            | 925    | 0                        | NR            |
| 410    | 22                       | NR            | 540    | 732                      | NR            | 670    | 307                      | NR            | 800    | 7                        | NR            | 930    | 0                        | NR            |
| 415    | 43                       | NR            | 545    | 749                      | NR            | 675    | 269                      | NR            | 805    | 6                        | NR            | 935    | 0                        | NR            |
| 420    | 86                       | NR            | 550    | 762                      | NR            | 680    | 235                      | NR            | 810    | 5                        | NR            | 940    | 0                        | NR            |
| 425    | 164                      | NR            | 555    | 778                      | NR            | 685    | 204                      | NR            | 815    | 5                        | NR            | 945    | 0                        | NR            |
| 430    | 288                      | NR            | 560    | 792                      | NR            | 690    | 178                      | NR            | 820    | 4                        | NR            | 950    | 0                        | NR            |
| 435    | 478                      | NR            | 565    | 809                      | NR            | 695    | 153                      | NR            | 825    | 3                        | NR            | 955    | 0                        | NR            |
| 440    | 766                      | NR            | 570    | 827                      | NR            | 700    | 132                      | NR            | 830    | 3                        | NR            | 960    | 0                        | NR            |
| 445    | 1000                     | NR            | 575    | 845                      | NR            | 705    | 114                      | NR            | 835    | 3                        | NR            | 965    | 0                        | NR            |
| 450    | 726                      | NR            | 580    | 862                      | NR            | 710    | 98                       | NR            | 840    | 2                        | NR            | 970    | 0                        | NR            |
| 455    | 425                      | NR            | 585    | 875                      | NR            | 715    | 84                       | NR            | 845    | 2                        | NR            | 975    | 0                        | NR            |
| 460    | 324                      | NR            | 590    | 887                      | NR            | 720    | 73                       | NR            | 850    | 2                        | NR            | 980    | 0                        | NR            |
| 465    | 225                      | NR            | 595    | 890                      | NR            | 725    | 63                       | NR            | 855    | 1                        | NR            | 985    | 0                        | NR            |
| 470    | 157                      | NR            | 600    | 887                      | NR            | 730    | 54                       | NR            | 860    | 1                        | NR            | 990    | 0                        | NR            |
| 475    | 147                      | NR            | 605    | 875                      | NR            | 735    | 46                       | NR            | 865    | 1                        | NR            | 995    | 0                        | NR            |
| 480    | 154                      | NR            | 610    | 856                      | NR            | 740    | 40                       | NR            | 870    | 1                        | NR            | 1000   | 0                        | NR            |
| 485    | 184                      | NR            | 615    | 828                      | NR            | 745    | 34                       | NR            | 875    | 1                        | NR            |        |                          |               |



REPORT NUMBER: SP1-2407-184-11

### Melanopic Flux vs. Wavelength


**Melanopic Lumens: NR**
**M/P: 3.06**

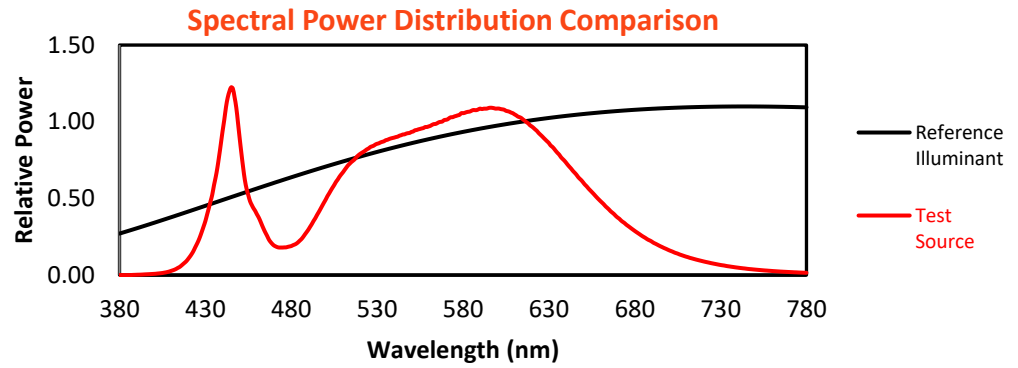
| $\lambda$<br>(nm) | Power<br>$\text{W}^\wedge/\text{nm}$ | Lumens<br>( $\phi/\text{nm}$ ) | $\lambda$<br>(nm) | Power<br>$\text{W}^\wedge/\text{nm}$ | Lumens<br>( $\phi/\text{nm}$ ) | $\lambda$<br>(nm) | Power<br>$\text{W}^\wedge/\text{nm}$ | Lumens<br>( $\phi/\text{nm}$ ) | $\lambda$<br>(nm) | Power<br>$\text{W}^\wedge/\text{nm}$ | Lumens<br>( $\phi/\text{nm}$ ) | $\lambda$<br>(nm) | Power<br>$\text{W}^\wedge/\text{nm}$ | Lumens<br>( $\phi/\text{nm}$ ) |
|-------------------|--------------------------------------|--------------------------------|-------------------|--------------------------------------|--------------------------------|-------------------|--------------------------------------|--------------------------------|-------------------|--------------------------------------|--------------------------------|-------------------|--------------------------------------|--------------------------------|
| 360               | 0                                    | NR                             | 490               | 242                                  | NR                             | 620               | 792                                  | NR                             | 750               | 29                                   | NR                             | 880               | 1                                    | NR                             |
| 365               | 0                                    | NR                             | 495               | 320                                  | NR                             | 625               | 748                                  | NR                             | 755               | 25                                   | NR                             | 885               | 1                                    | NR                             |
| 370               | 0                                    | NR                             | 500               | 401                                  | NR                             | 630               | 703                                  | NR                             | 760               | 22                                   | NR                             | 890               | 1                                    | NR                             |
| 375               | 0                                    | NR                             | 505               | 479                                  | NR                             | 635               | 651                                  | NR                             | 765               | 19                                   | NR                             | 895               | 1                                    | NR                             |
| 380               | 0                                    | NR                             | 510               | 546                                  | NR                             | 640               | 599                                  | NR                             | 770               | 16                                   | NR                             | 900               | 1                                    | NR                             |
| 385               | 0                                    | NR                             | 515               | 602                                  | NR                             | 645               | 545                                  | NR                             | 775               | 14                                   | NR                             | 905               | 0                                    | NR                             |
| 390               | 2                                    | NR                             | 520               | 645                                  | NR                             | 650               | 493                                  | NR                             | 780               | 12                                   | NR                             | 910               | 0                                    | NR                             |
| 395               | 4                                    | NR                             | 525               | 674                                  | NR                             | 655               | 443                                  | NR                             | 785               | 10                                   | NR                             | 915               | 0                                    | NR                             |
| 400               | 6                                    | NR                             | 530               | 699                                  | NR                             | 660               | 394                                  | NR                             | 790               | 9                                    | NR                             | 920               | 0                                    | NR                             |
| 405               | 11                                   | NR                             | 535               | 718                                  | NR                             | 665               | 349                                  | NR                             | 795               | 8                                    | NR                             | 925               | 0                                    | NR                             |
| 410               | 22                                   | NR                             | 540               | 732                                  | NR                             | 670               | 307                                  | NR                             | 800               | 7                                    | NR                             | 930               | 0                                    | NR                             |
| 415               | 43                                   | NR                             | 545               | 749                                  | NR                             | 675               | 269                                  | NR                             | 805               | 6                                    | NR                             | 935               | 0                                    | NR                             |
| 420               | 86                                   | NR                             | 550               | 762                                  | NR                             | 680               | 235                                  | NR                             | 810               | 5                                    | NR                             | 940               | 0                                    | NR                             |
| 425               | 164                                  | NR                             | 555               | 778                                  | NR                             | 685               | 204                                  | NR                             | 815               | 5                                    | NR                             | 945               | 0                                    | NR                             |
| 430               | 288                                  | NR                             | 560               | 792                                  | NR                             | 690               | 178                                  | NR                             | 820               | 4                                    | NR                             | 950               | 0                                    | NR                             |
| 435               | 478                                  | NR                             | 565               | 809                                  | NR                             | 695               | 153                                  | NR                             | 825               | 3                                    | NR                             | 955               | 0                                    | NR                             |
| 440               | 766                                  | NR                             | 570               | 827                                  | NR                             | 700               | 132                                  | NR                             | 830               | 3                                    | NR                             | 960               | 0                                    | NR                             |
| 445               | 1000                                 | NR                             | 575               | 845                                  | NR                             | 705               | 114                                  | NR                             | 835               | 3                                    | NR                             | 965               | 0                                    | NR                             |
| 450               | 726                                  | NR                             | 580               | 862                                  | NR                             | 710               | 98                                   | NR                             | 840               | 2                                    | NR                             | 970               | 0                                    | NR                             |
| 455               | 425                                  | NR                             | 585               | 875                                  | NR                             | 715               | 84                                   | NR                             | 845               | 2                                    | NR                             | 975               | 0                                    | NR                             |
| 460               | 324                                  | NR                             | 590               | 887                                  | NR                             | 720               | 73                                   | NR                             | 850               | 2                                    | NR                             | 980               | 0                                    | NR                             |
| 465               | 225                                  | NR                             | 595               | 890                                  | NR                             | 725               | 63                                   | NR                             | 855               | 1                                    | NR                             | 985               | 0                                    | NR                             |
| 470               | 157                                  | NR                             | 600               | 887                                  | NR                             | 730               | 54                                   | NR                             | 860               | 1                                    | NR                             | 990               | 0                                    | NR                             |
| 475               | 147                                  | NR                             | 605               | 875                                  | NR                             | 735               | 46                                   | NR                             | 865               | 1                                    | NR                             | 995               | 0                                    | NR                             |
| 480               | 154                                  | NR                             | 610               | 856                                  | NR                             | 740               | 40                                   | NR                             | 870               | 1                                    | NR                             | 1000              | 0                                    | NR                             |
| 485               | 184                                  | NR                             | 615               | 828                                  | NR                             | 745               | 34                                   | NR                             | 875               | 1                                    | NR                             |                   |                                      |                                |

REPORT NUMBER: SP1-2407-184-11

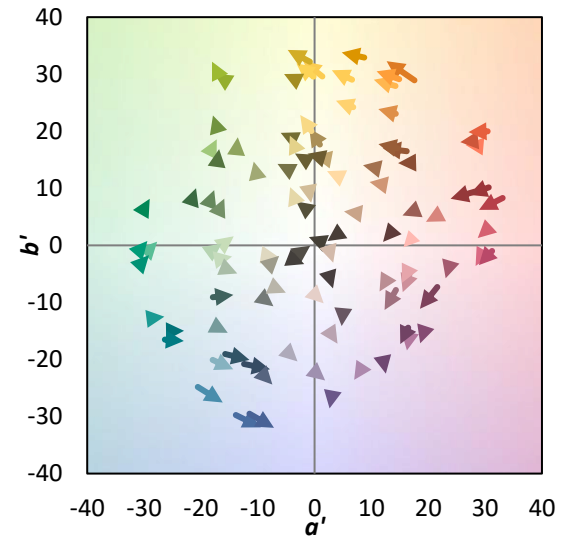
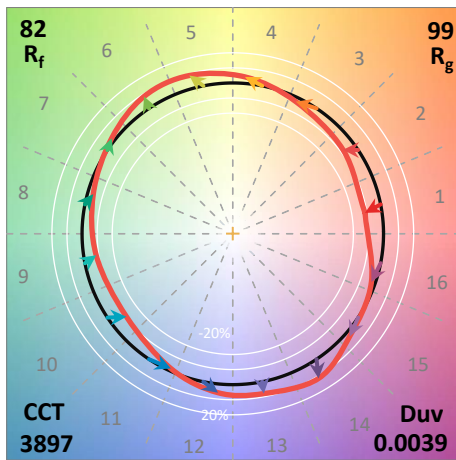
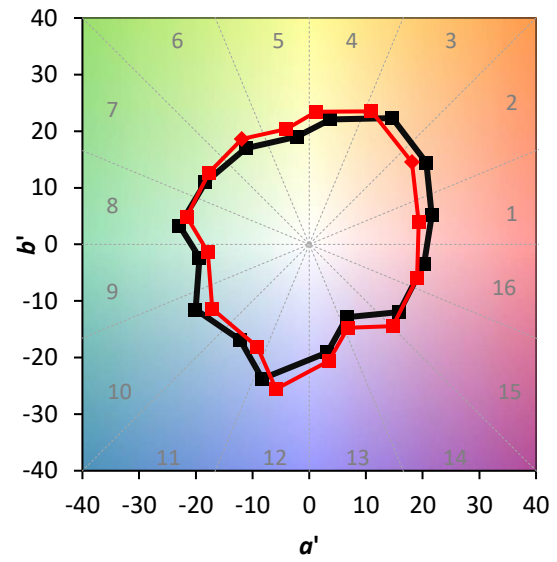
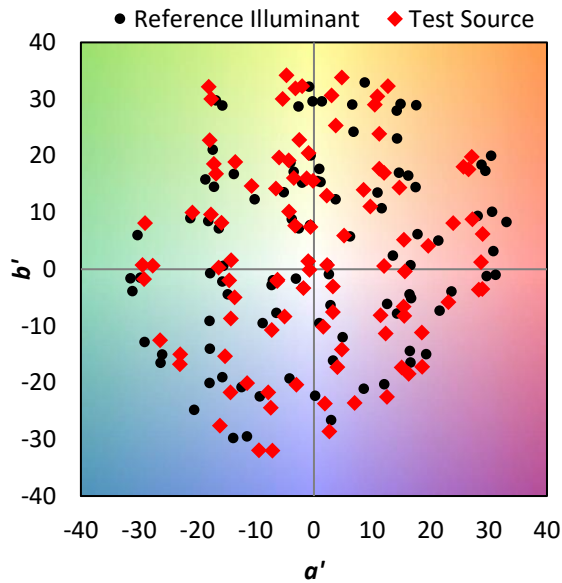
TM-30-18

### Summary

$R_f = 81.8$   
 $R_g = 98.6$   
 $CIE R_a = 80.2$   
 $R_9 = 6.7$

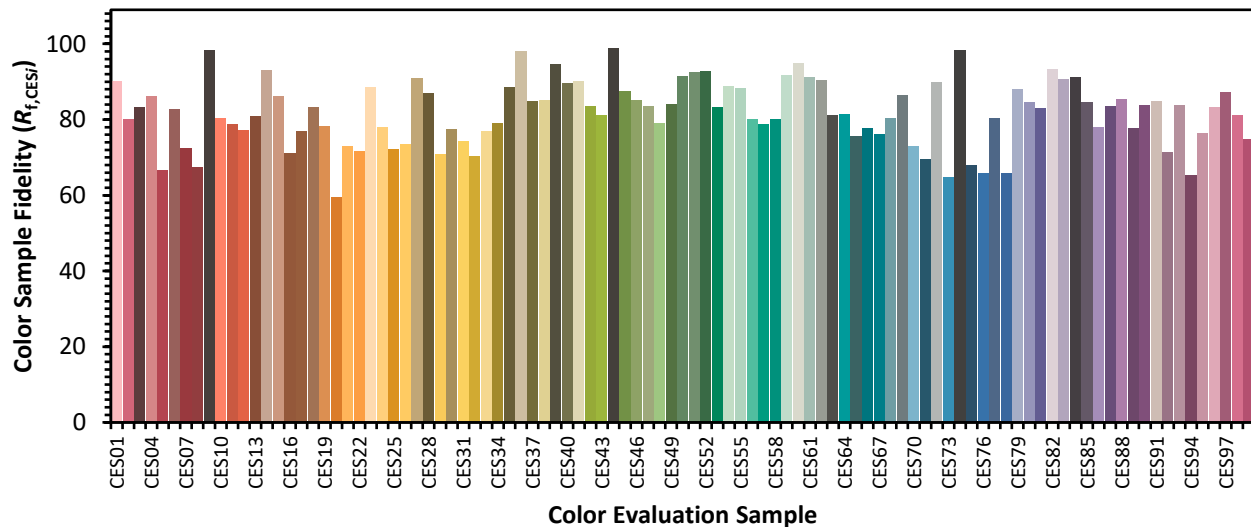


### Color Vector Graphics

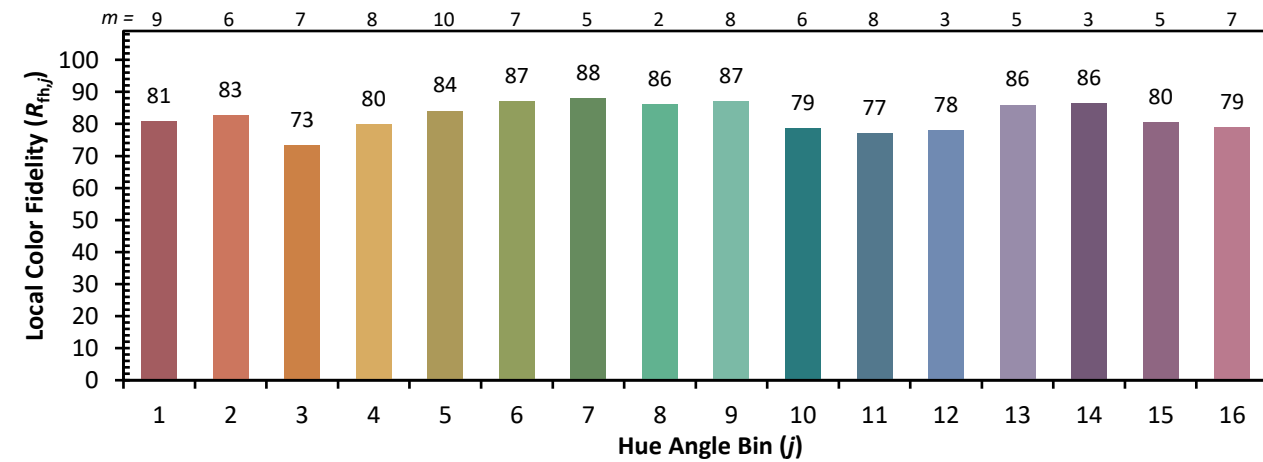
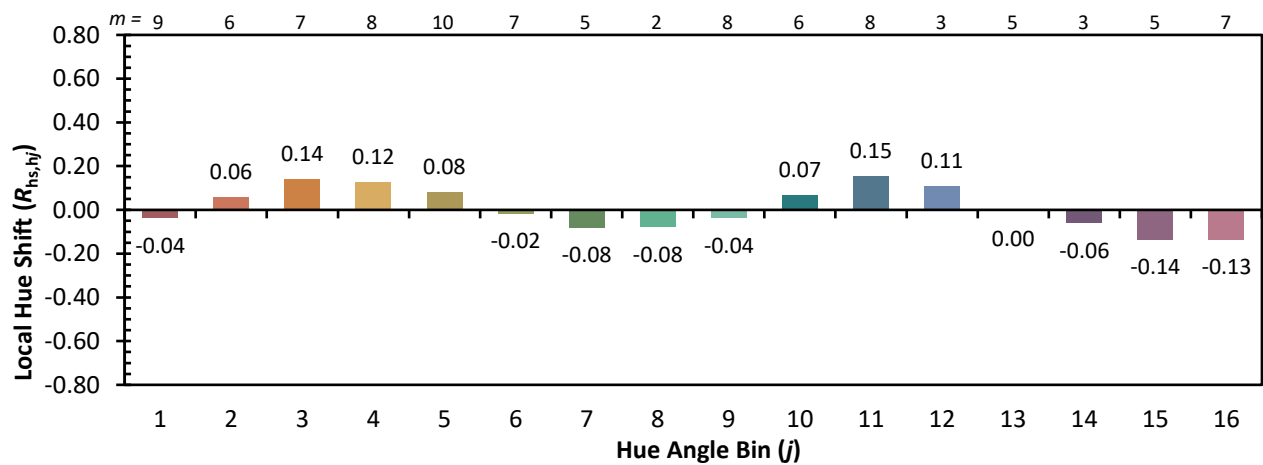
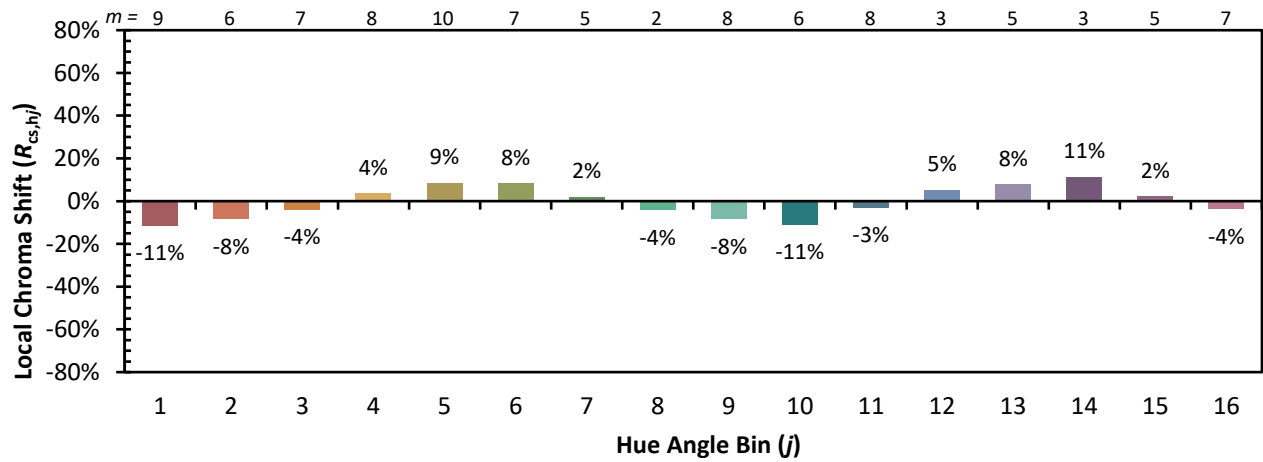


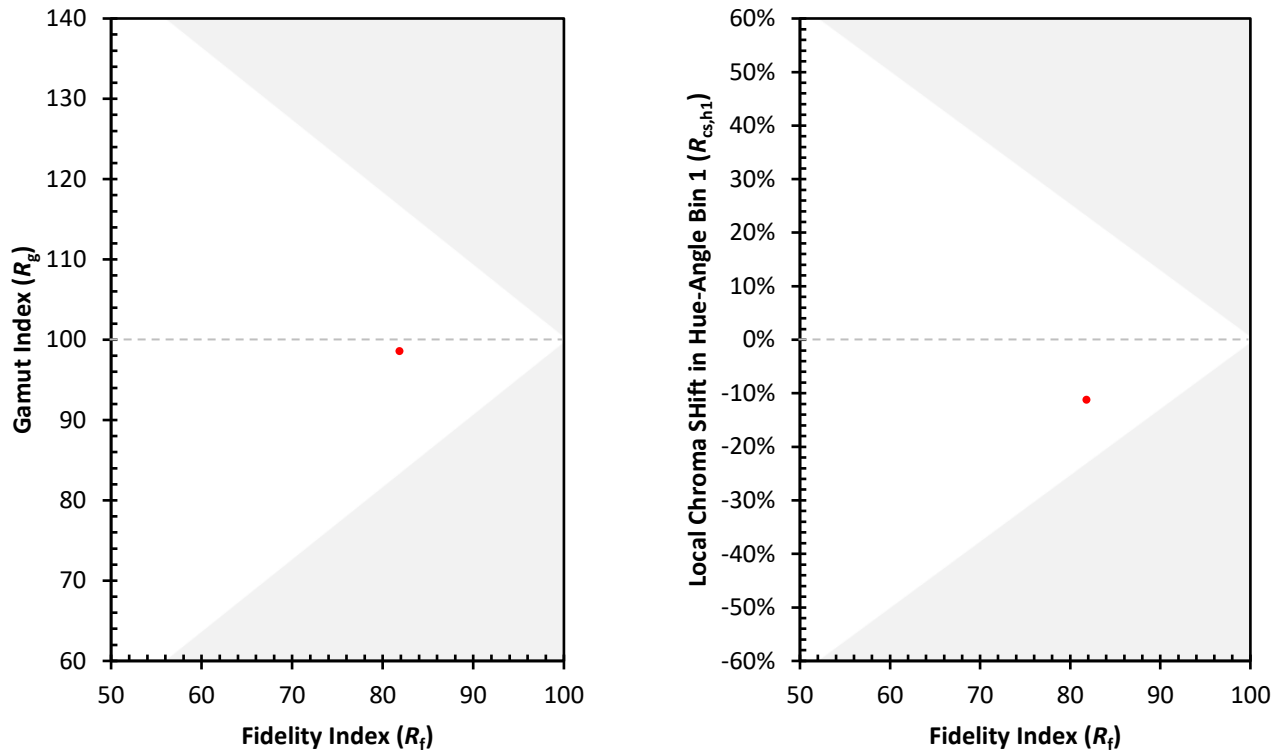
**Individual Sample Fidelity Index ( $R_{f,i}$ )**

|            |            |            |            |
|------------|------------|------------|------------|
| CES01 = 85 | CES26 = 73 | CES51 = 93 | CES76 = 66 |
| CES02 = 61 | CES27 = 91 | CES52 = 93 | CES77 = 80 |
| CES03 = 31 | CES28 = 87 | CES53 = 83 | CES78 = 66 |
| CES04 = 69 | CES29 = 71 | CES54 = 89 | CES79 = 88 |
| CES05 = 48 | CES30 = 77 | CES55 = 88 | CES80 = 85 |
| CES06 = 50 | CES31 = 74 | CES56 = 80 | CES81 = 83 |
| CES07 = 41 | CES32 = 70 | CES57 = 79 | CES82 = 93 |
| CES08 = 40 | CES33 = 77 | CES58 = 80 | CES83 = 91 |
| CES09 = 29 | CES34 = 79 | CES59 = 92 | CES84 = 91 |
| CES10 = 74 | CES35 = 88 | CES60 = 95 | CES85 = 84 |
| CES11 = 57 | CES36 = 98 | CES61 = 91 | CES86 = 78 |
| CES12 = 63 | CES37 = 85 | CES62 = 90 | CES87 = 84 |
| CES13 = 42 | CES38 = 85 | CES63 = 81 | CES88 = 85 |
| CES14 = 74 | CES39 = 95 | CES64 = 81 | CES89 = 78 |
| CES15 = 71 | CES40 = 90 | CES65 = 76 | CES90 = 84 |
| CES16 = 47 | CES41 = 90 | CES66 = 78 | CES91 = 85 |
| CES17 = 49 | CES42 = 84 | CES67 = 76 | CES92 = 71 |
| CES18 = 56 | CES43 = 81 | CES68 = 80 | CES93 = 84 |
| CES19 = 71 | CES44 = 99 | CES69 = 86 | CES94 = 65 |
| CES20 = 65 | CES45 = 87 | CES70 = 73 | CES95 = 77 |
| CES21 = 86 | CES46 = 85 | CES71 = 70 | CES96 = 83 |
| CES22 = 78 | CES47 = 84 | CES72 = 90 | CES97 = 87 |
| CES23 = 91 | CES48 = 79 | CES73 = 65 | CES98 = 81 |
| CES24 = 90 | CES49 = 84 | CES74 = 98 | CES99 = 75 |
| CES25 = 71 | CES50 = 91 | CES75 = 68 |            |



Color Rendition by Hue-Angle Bin



**Measure Comparisons**


(END OF REPORT)