

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: P1049142

Luminaire Tested: **GALN-SA2B-830-U-RBC**

Issue Date: 07/10/2025

**Test Information**

Test Method: LM-79-08  
Report Number: P1049142  
Test Lab: INNOVATION CENTER(G3)  
Issue Date: 07/10/2025  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: MCGRAW-EDISON  
Catalog Number: GALN-SA2B-830-U-RBC  
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 800mA 2xLight Square PACKAGE  
80CRI 3000K FIXTURE w/ RIGHT CORNER BACKLIGHT CONTROL  
Light Source: (28) 3000K CCT, 80 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 7505.9 lumens  
Efficiency: N/A  
Efficacy: 103.1 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 (A<sub>in</sub>): 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

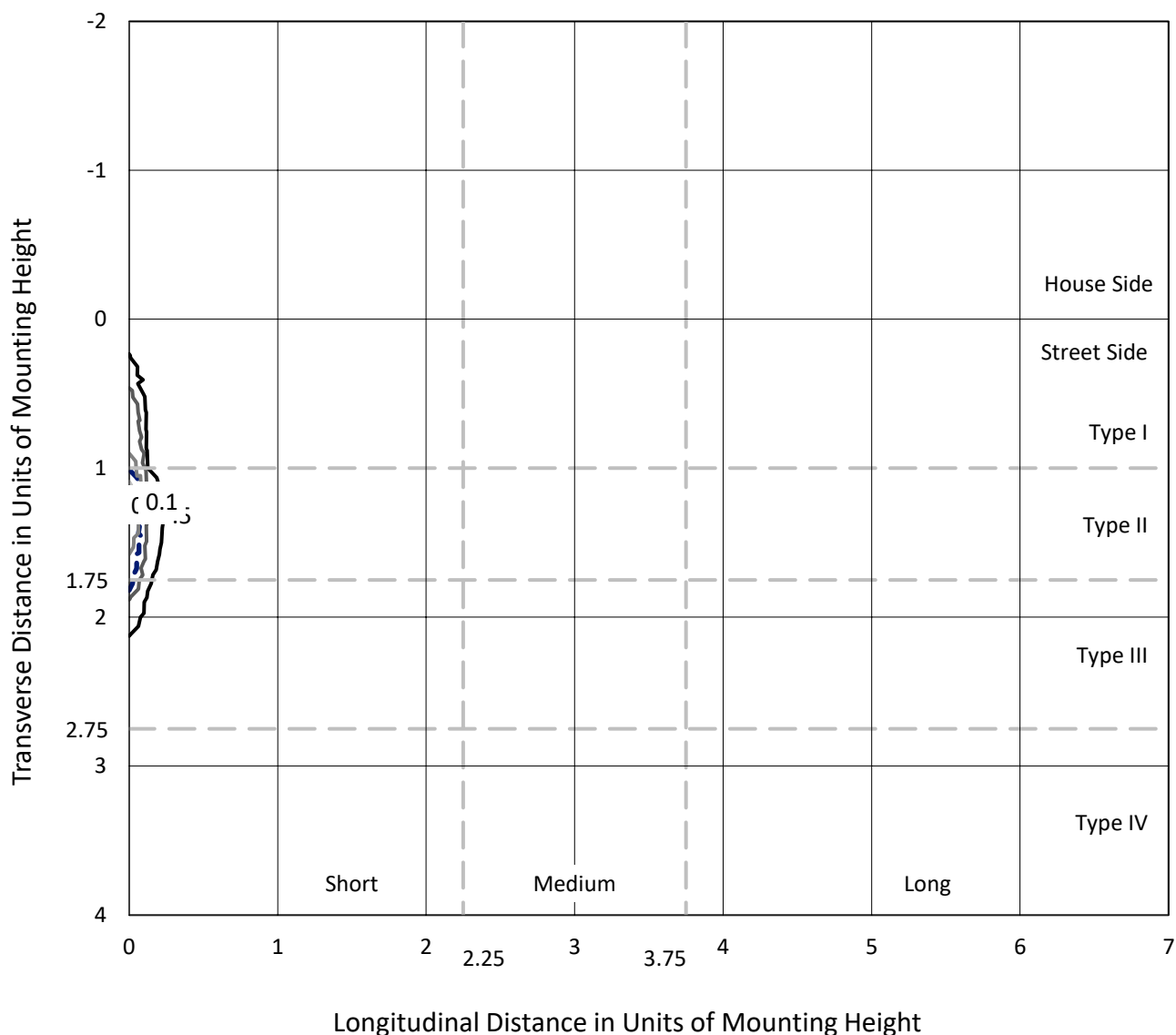
REPORT NUMBER: P1049142

CATALOG NUMBER: GALN-SA2B-830-U-RBC

## Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

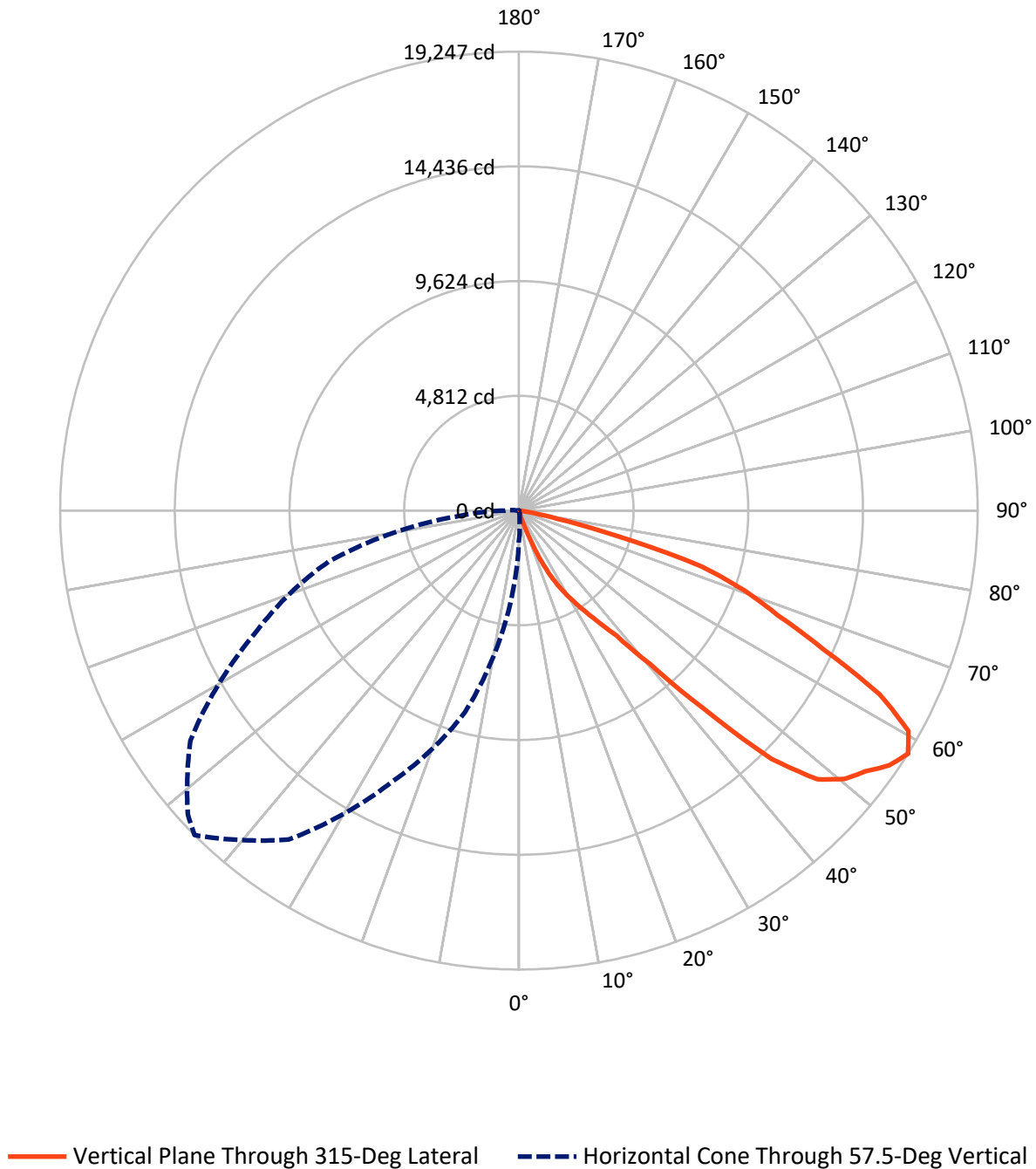


Based on 20 foot mounting height. Maximum calculated value = 1.1 fc

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    | 37.6     | 0.0    | 37.6   |
|                    | % Fixture | 0.5      | 0.0    | 0.5    |
| <b>Street Side</b> | Lumens    | 7468.4   | 0.0    | 7468.4 |
|                    | % Fixture | 99.5     | 0.0    | 99.5   |
| <b>Total</b>       | Lumens    | 7505.9   | 0.0    | 7505.9 |
|                    | % Fixture | 100.0    | 0.0    | 100.0  |

**Coefficient of Utilization**

**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 2.9    | 0.0       |
| 10°-20°   | 16.5   | 0.2       |
| 20°-30°   | 177.9  | 2.4       |
| 30°-40°   | 526.0  | 7.0       |
| 40°-50°   | 1567.7 | 20.9      |
| 50°-60°   | 2485.8 | 33.1      |
| 60°-70°   | 2075.0 | 27.6      |
| 70°-80°   | 639.9  | 8.5       |
| 80°-90°   | 14.2   | 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°    | 7505.9 | 100.0     |
| 0°-180°   | 7505.9 | 100.0     |



REPORT NUMBER: P1049142

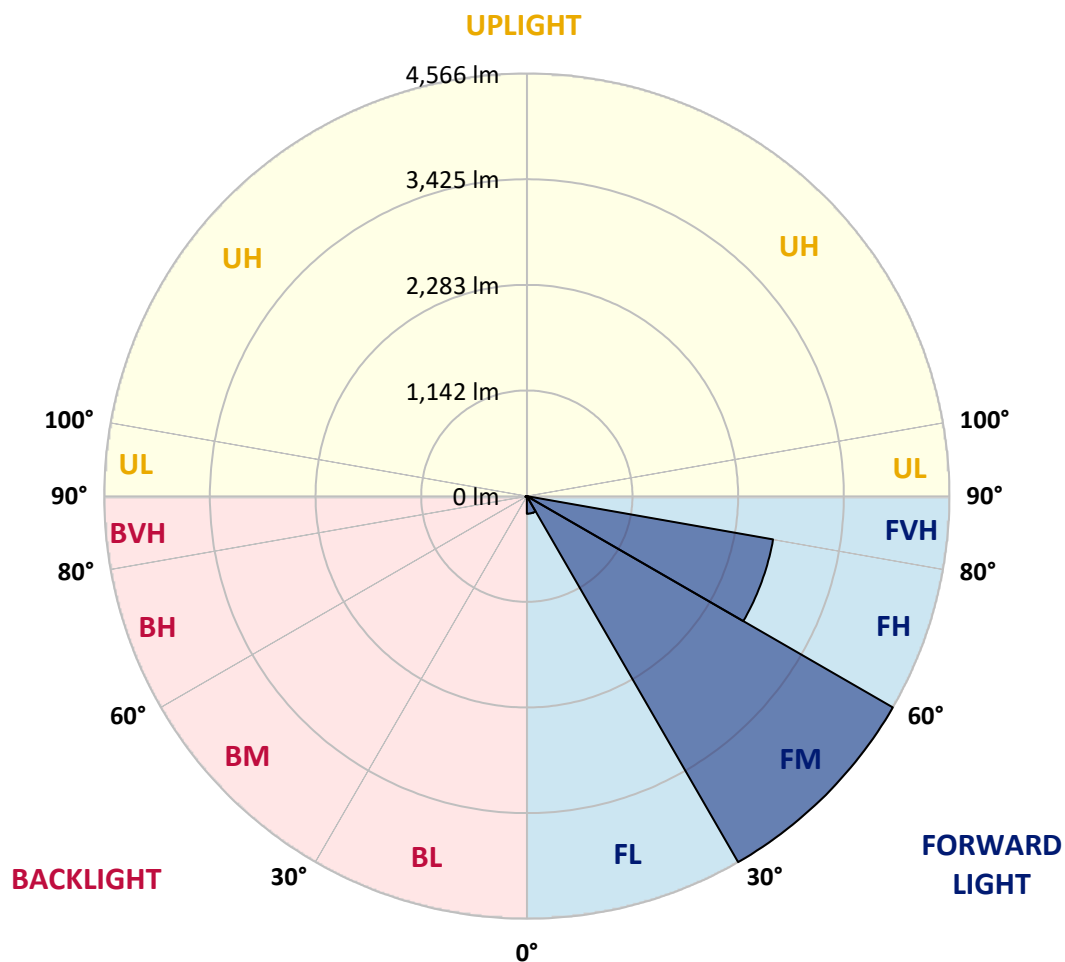
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

| Zone |             | Lumens | % Fixture | Zone Rating/Lumen Limit |      |         |
|------|-------------|--------|-----------|-------------------------|------|---------|
|      |             |        |           | B                       | U    | G       |
| FL   | (0°-30°)    | 190.4  | 2.5       |                         |      |         |
| FM   | (30°-60°)   | 4566.1 | 60.8      |                         |      |         |
| FH   | (60°-80°)   | 2700.9 | 36.0      |                         |      | G2/5000 |
| FVH  | (80°-90°)   | 11.0   | 0.1       |                         |      | G1/100  |
| BL   | (0°-30°)    | 6.9    | 0.1       | B0/110                  |      |         |
| BM   | (30°-60°)   | 13.4   | 0.2       | B0/220                  |      |         |
| BH   | (60°-80°)   | 14.0   | 0.2       | B0/110                  |      | G0/110  |
| BVH  | (80°-90°)   | 3.2    | 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°     | 32.9   | 32.9   | 32.9  | 32.9  | 32.9  | 32.9  | 32.9 | 32.9  | 32.9 | 32.9  |
| 2.5°   | 30.1   | 30.1   | 30.1  | 30.1  | 29.5  | 29.5  | 28.9 | 28.9  | 28.4 | 28.4  |
| 5°     | 31.8   | 31.8   | 31.2  | 30.6  | 30.6  | 30.1  | 29.5 | 28.9  | 28.9 | 28.4  |
| 7.5°   | 34.6   | 34.0   | 33.5  | 32.9  | 31.8  | 31.2  | 30.1 | 29.5  | 28.9 | 27.8  |
| 10°    | 38.0   | 36.9   | 35.7  | 34.6  | 33.5  | 32.3  | 31.2 | 30.6  | 29.5 | 28.9  |
| 12.5°  | 42.5   | 40.8   | 38.6  | 36.9  | 35.7  | 34.0  | 32.9 | 31.8  | 30.1 | 28.9  |
| 15°    | 46.5   | 44.2   | 41.4  | 39.1  | 37.4  | 35.2  | 33.5 | 31.8  | 30.6 | 28.9  |
| 17.5°  | 52.2   | 48.2   | 43.7  | 40.8  | 38.6  | 35.7  | 32.9 | 31.2  | 29.5 | 27.2  |
| 20°    | 61.8   | 53.9   | 45.4  | 42.0  | 38.6  | 35.2  | 31.8 | 29.5  | 27.8 | 25.5  |
| 22.5°  | 77.1   | 63.5   | 49.9  | 44.8  | 40.3  | 35.2  | 30.6 | 28.4  | 26.1 | 23.8  |
| 25°    | 106.6  | 82.2   | 57.9  | 51.0  | 44.2  | 37.4  | 30.6 | 27.8  | 25.5 | 22.7  |
| 27.5°  | 141.8  | 105.5  | 68.6  | 59.0  | 49.9  | 40.3  | 30.6 | 27.2  | 24.4 | 21.0  |
| 30°    | 177.5  | 129.3  | 80.5  | 68.1  | 55.6  | 43.1  | 30.6 | 26.7  | 23.3 | 19.3  |
| 32.5°  | 211.6  | 151.4  | 90.8  | 76.0  | 61.3  | 45.9  | 31.2 | 26.7  | 22.1 | 17.6  |
| 35°    | 246.2  | 169.6  | 92.5  | 77.1  | 61.8  | 45.9  | 30.6 | 25.5  | 21.0 | 15.9  |
| 37.5°  | 290.4  | 190.0  | 89.1  | 73.7  | 59.0  | 43.7  | 28.9 | 24.4  | 19.9 | 14.7  |
| 40°    | 357.3  | 224.1  | 90.8  | 74.9  | 59.0  | 43.1  | 27.2 | 22.7  | 18.7 | 14.2  |
| 42.5°  | 481.0  | 289.8  | 98.1  | 80.0  | 61.8  | 43.1  | 25.0 | 21.0  | 17.6 | 13.6  |
| 45°    | 831.5  | 481.6  | 131.6 | 104.4 | 77.1  | 49.9  | 22.7 | 19.3  | 16.4 | 13.0  |
| 47.5°  | 1375.5 | 806.0  | 236.5 | 182.6 | 129.3 | 75.4  | 22.1 | 19.3  | 16.4 | 13.0  |
| 50°    | 1755.5 | 1026.7 | 297.8 | 229.2 | 160.5 | 91.9  | 23.3 | 19.9  | 17.0 | 13.6  |
| 52.5°  | 1752.7 | 1042.5 | 331.8 | 254.7 | 178.1 | 101.0 | 24.4 | 21.0  | 18.2 | 14.7  |
| 55°    | 1558.1 | 948.4  | 338.1 | 259.8 | 182.1 | 103.8 | 26.1 | 22.7  | 19.3 | 15.9  |
| 57.5°  | 1302.3 | 805.4  | 308.6 | 238.8 | 169.6 | 99.8  | 30.1 | 26.1  | 22.7 | 18.7  |
| 60°    | 1030.1 | 635.3  | 240.5 | 190.0 | 140.1 | 89.6  | 39.7 | 34.6  | 30.1 | 25.0  |
| 62.5°  | 711.3  | 460.6  | 209.9 | 168.5 | 127.6 | 86.2  | 45.4 | 40.3  | 35.7 | 30.6  |
| 65°    | 503.1  | 346.6  | 189.5 | 154.3 | 119.7 | 84.5  | 49.3 | 43.7  | 38.6 | 32.9  |
| 67.5°  | 376.1  | 275.7  | 174.7 | 144.6 | 114.6 | 84.5  | 54.5 | 47.6  | 41.4 | 34.6  |
| 70°    | 288.1  | 226.3  | 163.9 | 139.5 | 115.7 | 91.3  | 66.9 | 57.3  | 48.2 | 38.6  |
| 72.5°  | 234.8  | 193.4  | 151.4 | 133.9 | 116.3 | 98.7  | 81.1 | 68.6  | 56.2 | 43.1  |
| 75°    | 194.6  | 165.6  | 136.7 | 122.0 | 107.8 | 93.0  | 78.3 | 66.9  | 56.2 | 44.8  |
| 77.5°  | 129.3  | 118.0  | 106.1 | 97.6  | 89.1  | 80.0  | 71.5 | 61.8  | 52.8 | 43.1  |
| 80°    | 45.4   | 43.7   | 42.0  | 45.4  | 48.8  | 52.2  | 55.6 | 48.8  | 42.5 | 35.7  |
| 82.5°  | 6.8    | 6.2    | 5.7   | 6.2   | 6.8   | 7.4   | 7.9  | 8.5   | 9.1  | 9.6   |
| 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):**

[illegible]



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CATALOG NUMBER: GALN-SA2B-830-U-RBC

**CANDELA DISTRIBUTION (continued):**

| 25° |        | 27.5° | 30°  | 32.5° | 35°  | 37.5° | 40°  | 42.5° | 45°  | 47.5° | 50°  |
|-----|--------|-------|------|-------|------|-------|------|-------|------|-------|------|
| 0.0 | 0°     | 32.9  | 32.9 | 32.9  | 32.9 | 32.9  | 32.9 | 32.9  | 32.9 | 32.9  | 32.9 |
| 0.0 | 2.5°   | 27.8  | 27.8 | 27.2  | 27.2 | 27.2  | 26.7 | 26.7  | 26.1 | 26.1  | 26.1 |
| 0.0 | 5°     | 27.2  | 27.2 | 26.7  | 26.1 | 25.5  | 25.5 | 25.0  | 24.4 | 24.4  | 23.8 |
| 0.0 | 7.5°   | 26.7  | 26.1 | 25.5  | 25.0 | 24.4  | 23.8 | 23.3  | 22.7 | 22.7  | 22.1 |
| 0.0 | 10°    | 27.2  | 26.1 | 25.5  | 24.4 | 23.8  | 23.3 | 22.1  | 21.6 | 21.0  | 21.0 |
| 0.0 | 12.5°  | 26.1  | 25.5 | 24.4  | 23.3 | 22.7  | 21.6 | 21.0  | 19.9 | 19.3  | 19.3 |
| 0.0 | 15°    | 26.1  | 25.0 | 23.3  | 22.1 | 21.0  | 20.4 | 19.3  | 18.2 | 17.6  | 17.0 |
| 0.0 | 17.5°  | 24.4  | 23.3 | 21.6  | 20.4 | 19.3  | 18.2 | 17.0  | 15.9 | 15.3  | 14.7 |
| 0.0 | 20°    | 22.1  | 21.0 | 19.3  | 17.6 | 16.4  | 15.3 | 14.2  | 13.0 | 12.5  | 11.9 |
| 0.0 | 22.5°  | 19.9  | 18.7 | 17.0  | 15.3 | 14.2  | 13.0 | 11.3  | 10.2 | 9.6   | 8.5  |
| 0.0 | 25°    | 18.7  | 17.0 | 15.3  | 13.6 | 11.9  | 10.8 | 9.1   | 7.4  | 6.2   | 5.1  |
| 0.0 | 27.5°  | 15.9  | 14.2 | 12.5  | 10.8 | 9.1   | 7.4  | 5.7   | 4.0  | 2.8   | 2.3  |
| 0.0 | 30°    | 13.6  | 11.9 | 10.2  | 8.5  | 6.2   | 4.5  | 2.8   | 0.6  | 0.6   | 0.6  |
| 0.0 | 32.5°  | 11.3  | 9.6  | 7.4   | 5.7  | 4.5   | 2.8  | 1.7   | 0.0  | 0.0   | 0.0  |
| 0.0 | 35°    | 9.1   | 7.4  | 5.1   | 3.4  | 2.8   | 1.7  | 1.1   | 0.0  | 0.0   | 0.0  |
| 0.0 | 37.5°  | 7.9   | 6.2  | 4.0   | 1.7  | 1.1   | 1.1  | 0.6   | 0.0  | 0.0   | 0.0  |
| 0.0 | 40°    | 7.4   | 5.1  | 2.8   | 0.6  | 0.6   | 0.6  | 0.0   | 0.0  | 0.0   | 0.0  |
| 0.0 | 42.5°  | 7.4   | 5.1  | 2.3   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  |
| 0.0 | 45°    | 7.4   | 5.1  | 2.3   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  |
| 0.0 | 47.5°  | 7.4   | 5.1  | 2.3   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  |
| 0.0 | 50°    | 7.9   | 5.7  | 2.8   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  |
| 0.0 | 52.5°  | 9.1   | 6.8  | 4.5   | 2.3  | 1.7   | 1.1  | 0.6   | 0.0  | 0.0   | 0.0  |
| 0.0 | 55°    | 11.3  | 10.2 | 8.5   | 7.4  | 5.7   | 4.0  | 1.7   | 0.0  | 0.0   | 0.0  |
| 0.0 | 57.5°  | 14.7  | 14.7 | 14.2  | 13.6 | 10.2  | 6.8  | 3.4   | 0.0  | 0.0   | 0.0  |
| 0.0 | 60°    | 19.9  | 19.9 | 19.9  | 19.9 | 14.7  | 10.2 | 5.1   | 0.0  | 0.0   | 0.0  |
| 0.0 | 62.5°  | 24.4  | 23.3 | 21.6  | 20.4 | 15.3  | 10.2 | 5.1   | 0.0  | 0.0   | 0.0  |
| 0.0 | 65°    | 24.4  | 22.1 | 19.3  | 16.4 | 12.5  | 8.5  | 4.0   | 0.0  | 0.0   | 0.0  |
| 0.0 | 67.5°  | 22.7  | 18.2 | 13.0  | 8.5  | 6.2   | 4.5  | 2.3   | 0.0  | 0.0   | 0.0  |
|     | 70°    | 22.7  | 15.9 | 9.1   | 2.3  | 1.7   | 1.1  | 0.6   | 0.0  | 0.0   | 0.0  |
|     | 72.5°  | 22.7  | 15.3 | 7.4   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  |
|     | 75°    | 25.0  | 17.0 | 8.5   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  |
|     | 77.5°  | 25.0  | 17.0 | 8.5   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  |
|     | 80°    | 22.1  | 14.7 | 7.4   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  |
|     | 82.5°  | 7.4   | 5.1  | 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):**

[illegible]

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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°     | 32.9 | 32.9  | 32.9 | 32.9  | 32.9 | 32.9  | 32.9 | 32.9  | 32.9 | 32.9  |
| 0.0   | 2.5°   | 25.5 | 25.5  | 25.5 | 25.0  | 25.0 | 25.0  | 25.0 | 24.4  | 24.4 | 24.4  |
| 0.0   | 5°     | 23.3 | 23.3  | 22.7 | 22.7  | 22.1 | 22.1  | 21.6 | 21.6  | 21.0 | 21.0  |
| 0.0   | 7.5°   | 21.6 | 21.0  | 21.0 | 20.4  | 19.9 | 19.9  | 19.3 | 19.3  | 18.7 | 18.2  |
| 0.0   | 10°    | 19.9 | 19.3  | 19.3 | 18.7  | 18.2 | 17.6  | 17.6 | 17.0  | 16.4 | 15.9  |
| 0.0   | 12.5°  | 18.2 | 17.6  | 17.0 | 16.4  | 15.9 | 15.3  | 15.3 | 14.7  | 14.2 | 13.6  |
| 0.0   | 15°    | 15.9 | 15.3  | 14.7 | 14.2  | 13.6 | 13.0  | 13.0 | 12.5  | 11.9 | 11.3  |
| 0.0   | 17.5°  | 13.6 | 13.0  | 13.0 | 12.5  | 11.9 | 11.3  | 10.8 | 9.6   | 9.1  | 8.5   |
| 0.0   | 20°    | 10.2 | 9.6   | 9.1  | 8.5   | 7.9  | 6.8   | 6.2  | 5.1   | 4.0  | 3.4   |
| 0.0   | 22.5°  | 6.8  | 5.7   | 5.1  | 4.0   | 2.8  | 2.3   | 1.7  | 0.6   | 0.0  | 0.0   |
| 0.0   | 25°    | 2.3  | 1.7   | 1.1  | 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   |

CATALOG NUMBER: GALN-SA2B-830-U-RBC

**CANDELA DISTRIBUTION (continued):**

[illegible]

REPORT NUMBER: P1049142

CATALOG NUMBER: GALN-SA2B-830-U-RBC

**CANDELA DISTRIBUTION (continued):**

| 80° |        | 82.5° | 85°  | 87.5° | 90°  | 92.5° | 95°  | 97.5° | 100° | 102.5° | 105° |
|-----|--------|-------|------|-------|------|-------|------|-------|------|--------|------|
| 0.0 | 0°     | 32.9  | 32.9 | 32.9  | 32.9 | 32.9  | 32.9 | 32.9  | 32.9 | 32.9   | 32.9 |
| 0.0 | 2.5°   | 23.8  | 23.8 | 23.8  | 23.3 | 23.3  | 23.3 | 23.3  | 23.3 | 23.3   | 23.3 |
| 0.0 | 5°     | 20.4  | 20.4 | 20.4  | 19.9 | 19.9  | 19.3 | 19.3  | 19.3 | 18.7   | 18.7 |
| 0.0 | 7.5°   | 17.6  | 17.0 | 17.0  | 16.4 | 16.4  | 15.9 | 15.9  | 15.9 | 15.3   | 15.3 |
| 0.0 | 10°    | 14.7  | 14.2 | 14.2  | 13.6 | 13.6  | 13.0 | 13.0  | 12.5 | 12.5   | 11.9 |
| 0.0 | 12.5°  | 13.0  | 12.5 | 11.9  | 11.3 | 11.3  | 10.8 | 10.2  | 10.2 | 9.6    | 9.1  |
| 0.0 | 15°    | 10.2  | 9.6  | 9.1   | 8.5  | 7.9   | 7.4  | 6.8   | 6.8  | 6.2    | 5.7  |
| 0.0 | 17.5°  | 6.8   | 5.7  | 5.1   | 4.5  | 4.5   | 4.0  | 3.4   | 2.8  | 2.3    | 1.7  |
| 0.0 | 20°    | 1.7   | 1.1  | 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  |
| 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  |

CATALOG NUMBER: GALN-SA2B-830-U-RBC

[illegible]

REPORT NUMBER: P1049142

CATALOG NUMBER: GALN-SA2B-830-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°     | 32.9 | 32.9   | 32.9 | 32.9   | 32.9 | 32.9   | 32.9 | 32.9   | 32.9 | 32.9   |
| 0.0    | 2.5°   | 23.3 | 22.7   | 22.7 | 22.7   | 23.3 | 23.3   | 23.3 | 23.3   | 23.3 | 23.3   |
| 0.0    | 5°     | 18.7 | 18.2   | 18.2 | 18.2   | 18.2 | 18.2   | 18.2 | 18.2   | 18.2 | 18.2   |
| 0.0    | 7.5°   | 15.3 | 14.7   | 14.7 | 14.7   | 14.7 | 14.2   | 14.2 | 14.2   | 14.2 | 14.2   |
| 0.0    | 10°    | 11.9 | 11.3   | 11.3 | 11.3   | 11.3 | 10.8   | 10.8 | 10.8   | 10.8 | 10.8   |
| 0.0    | 12.5°  | 8.5  | 8.5    | 7.9  | 7.9    | 7.9  | 7.4    | 7.4  | 7.4    | 7.4  | 6.8    |
| 0.0    | 15°    | 5.1  | 4.5    | 4.0  | 4.0    | 4.0  | 3.4    | 3.4  | 3.4    | 3.4  | 2.8    |
| 0.0    | 17.5°  | 1.1  | 1.1    | 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: P1049142

CATALOG NUMBER: GALN-SA2B-830-U-RBC

**CANDELA DISTRIBUTION (continued):**

[illegible]

REPORT NUMBER: P1049142

CATALOG NUMBER: GALN-SA2B-830-U-RBC

**CANDELA DISTRIBUTION (continued):**

| 135° |        | 137.5° | 140° | 142.5° | 145° | 147.5° | 150° | 152.5° | 155° | 157.5° | 160° |
|------|--------|--------|------|--------|------|--------|------|--------|------|--------|------|
| 0.0  | 0°     | 32.9   | 32.9 | 32.9   | 32.9 | 32.9   | 32.9 | 32.9   | 32.9 | 32.9   | 32.9 |
| 0.0  | 2.5°   | 23.8   | 23.8 | 24.4   | 24.4 | 25.0   | 26.1 | 26.7   | 27.2 | 28.4   | 29.5 |
| 0.0  | 5°     | 18.7   | 19.3 | 19.3   | 19.9 | 20.4   | 21.0 | 21.6   | 22.1 | 23.3   | 24.4 |
| 0.0  | 7.5°   | 14.7   | 14.7 | 15.3   | 15.3 | 15.9   | 17.0 | 17.6   | 18.2 | 19.3   | 21.0 |
| 0.0  | 10°    | 11.3   | 11.3 | 11.9   | 11.9 | 12.5   | 13.6 | 14.2   | 14.7 | 15.9   | 17.6 |
| 0.0  | 12.5°  | 7.4    | 7.9  | 7.9    | 8.5  | 9.1    | 10.2 | 10.8   | 11.3 | 12.5   | 13.6 |
| 0.0  | 15°    | 3.4    | 4.0  | 4.0    | 4.5  | 5.1    | 6.2  | 6.8    | 7.4  | 8.5    | 10.2 |
| 0.0  | 17.5°  | 0.6    | 0.6  | 1.1    | 1.1  | 1.7    | 2.3  | 2.8    | 3.4  | 5.1    | 6.2  |
| 0.0  | 20°    | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 1.1    | 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: P1049142

CATALOG NUMBER: GALN-SA2B-830-U-RBC

**CANDELA DISTRIBUTION (continued):**

[illegible]

REPORT NUMBER: P1049142

CATALOG NUMBER: GALN-SA2B-830-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°     | 32.9 | 32.9   | 32.9 | 32.9   | 32.9 | 32.9   | 32.9 | 32.9   | 32.9 | 32.9   |
| 0.0    | 2.5°   | 31.2 | 32.3   | 33.5 | 34.6   | 35.7 | 36.9   | 37.4 | 38.6   | 39.1 | 39.7   |
| 0.0    | 5°     | 26.7 | 27.8   | 29.5 | 30.6   | 31.8 | 32.9   | 34.0 | 34.6   | 35.2 | 35.7   |
| 0.0    | 7.5°   | 23.3 | 24.4   | 26.1 | 27.2   | 28.4 | 29.5   | 30.6 | 31.8   | 32.3 | 32.9   |
| 0.0    | 10°    | 19.9 | 21.6   | 22.7 | 24.4   | 25.5 | 26.7   | 27.8 | 28.9   | 30.1 | 30.6   |
| 0.0    | 12.5°  | 15.9 | 17.6   | 19.3 | 20.4   | 22.1 | 23.8   | 25.0 | 26.1   | 27.2 | 28.4   |
| 0.0    | 15°    | 12.5 | 14.2   | 15.9 | 17.0   | 18.7 | 20.4   | 22.1 | 23.3   | 24.4 | 25.5   |
| 0.0    | 17.5°  | 9.1  | 10.8   | 12.5 | 13.6   | 15.3 | 17.0   | 18.2 | 19.9   | 21.0 | 22.1   |
| 0.0    | 20°    | 4.5  | 6.2    | 7.9  | 9.6    | 11.3 | 13.0   | 14.2 | 15.9   | 17.0 | 18.2   |
| 0.0    | 22.5°  | 0.6  | 2.3    | 4.0  | 5.1    | 6.8  | 8.5    | 9.6  | 11.3   | 12.5 | 13.6   |
| 0.0    | 25°    | 0.0  | 0.6    | 1.7  | 2.3    | 2.8  | 4.0    | 5.1  | 6.2    | 7.4  | 8.5    |
| 0.0    | 27.5°  | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.6    | 1.1  | 2.3    | 3.4  | 4.5    |
| 0.0    | 30°    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 1.1    |
| 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  | 1.1    |
|        | 85°    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 1.1    | 1.7  | 2.8    | 3.4  | 4.0    |
|        | 87.5°  | 0.0  | 0.6    | 1.1  | 1.7    | 2.3  | 3.4    | 4.5  | 5.7    | 6.2  | 6.8    |
|        | 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: P1049142

CATALOG NUMBER: GALN-SA2B-830-U-RBC

**CANDELA DISTRIBUTION (continued):**

| 190° |        | 165° | 167.5° | 170° | 172.5° | 175° | 177.5° | 180° | 182.5° | 185° | 187.5° |
|------|--------|------|--------|------|--------|------|--------|------|--------|------|--------|
| 32.9 | 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    |
| 36.3 | 117.5° | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 33.5 | 120°   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 31.8 | 122.5° | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 28.9 | 125°   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 26.7 | 127.5° | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 23.8 | 130°   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 19.3 | 132.5° | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 14.7 | 135°   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 10.2 | 137.5° | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 5.7  | 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  |        |      |        |      |        |      |        |      |        |      |        |
| 5.1  |        |      |        |      |        |      |        |      |        |      |        |
| 7.4  |        |      |        |      |        |      |        |      |        |      |        |
| 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: P1049142

CATALOG NUMBER: GALN-SA2B-830-U-RBC

**CANDELA DISTRIBUTION (continued):**

| 190° |        | 192.5° | 195° | 197.5° | 200° | 202.5° | 205° | 207.5° | 210° | 212.5° | 215° |
|------|--------|--------|------|--------|------|--------|------|--------|------|--------|------|
| 0.0  | 0°     | 32.9   | 32.9 | 32.9   | 32.9 | 32.9   | 32.9 | 32.9   | 32.9 | 32.9   | 32.9 |
| 0.0  | 2.5°   | 40.3   | 40.3 | 40.3   | 40.3 | 39.7   | 39.7 | 39.7   | 39.1 | 39.1   | 38.6 |
| 0.0  | 5°     | 36.9   | 37.4 | 37.4   | 37.4 | 37.4   | 37.4 | 37.4   | 37.4 | 36.9   | 36.9 |
| 0.0  | 7.5°   | 34.0   | 34.6 | 35.2   | 35.2 | 35.7   | 35.7 | 35.7   | 35.2 | 35.2   | 34.6 |
| 0.0  | 10°    | 32.3   | 32.9 | 32.9   | 33.5 | 33.5   | 33.5 | 33.5   | 33.5 | 33.5   | 33.5 |
| 0.0  | 12.5°  | 30.1   | 30.6 | 31.2   | 31.2 | 31.8   | 31.8 | 31.8   | 31.8 | 31.2   | 31.2 |
| 0.0  | 15°    | 27.2   | 28.4 | 28.9   | 29.5 | 29.5   | 30.1 | 30.1   | 30.1 | 30.1   | 30.1 |
| 0.0  | 17.5°  | 25.0   | 26.1 | 26.7   | 27.2 | 27.2   | 27.8 | 27.8   | 28.4 | 28.4   | 28.4 |
| 0.0  | 20°    | 20.4   | 21.6 | 22.1   | 23.3 | 23.8   | 24.4 | 25.0   | 25.5 | 25.5   | 26.1 |
| 0.0  | 22.5°  | 15.9   | 17.0 | 17.6   | 18.7 | 19.3   | 19.9 | 20.4   | 21.0 | 21.6   | 22.1 |
| 0.0  | 25°    | 11.3   | 12.5 | 13.0   | 14.2 | 14.7   | 15.3 | 15.9   | 16.4 | 16.4   | 17.0 |
| 0.0  | 27.5°  | 6.2    | 7.4  | 8.5    | 9.1  | 10.2   | 10.8 | 11.3   | 11.9 | 12.5   | 13.0 |
| 0.0  | 30°    | 2.8    | 3.4  | 4.0    | 5.1  | 5.7    | 6.2  | 6.8    | 7.9  | 8.5    | 9.1  |
| 0.0  | 32.5°  | 0.0    | 0.0  | 0.6    | 1.7  | 2.3    | 2.8  | 3.4    | 4.0  | 4.0    | 4.5  |
| 0.0  | 35°    | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.6    | 1.1  | 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°    | 1.1    | 1.1  | 1.1    | 1.7  | 1.7    | 1.7  | 1.7    | 1.7  | 1.7    | 1.7  |
|      | 82.5°  | 2.8    | 3.4  | 4.0    | 4.0  | 4.5    | 4.5  | 4.5    | 4.5  | 4.0    | 4.0  |
|      | 85°    | 5.7    | 6.2  | 6.8    | 6.8  | 7.4    | 7.4  | 7.4    | 7.4  | 7.4    | 7.4  |
|      | 87.5°  | 7.9    | 8.5  | 9.1    | 9.1  | 9.6    | 9.6  | 9.6    | 9.6  | 9.6    | 9.6  |
|      | 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: P1049142

CATALOG NUMBER: GALN-SA2B-830-U-RBC

**CANDELA DISTRIBUTION (continued):**

[illegible]

REPORT NUMBER: P1049142

CATALOG NUMBER: GALN-SA2B-830-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°     | 32.9 | 32.9   | 32.9 | 32.9   | 32.9 | 32.9   | 32.9 | 32.9   | 32.9 | 32.9   |
| 0.0    | 2.5°   | 38.0 | 38.0   | 37.4 | 37.4   | 37.4 | 37.4   | 37.4 | 38.0   | 38.6 | 38.6   |
| 0.0    | 5°     | 36.3 | 36.3   | 35.7 | 35.7   | 35.7 | 36.3   | 36.3 | 36.9   | 37.4 | 38.0   |
| 0.0    | 7.5°   | 34.6 | 34.0   | 34.0 | 34.6   | 34.6 | 35.2   | 35.2 | 35.7   | 36.3 | 36.9   |
| 0.0    | 10°    | 33.5 | 32.9   | 32.9 | 32.9   | 33.5 | 33.5   | 34.0 | 34.6   | 35.2 | 35.7   |
| 0.0    | 12.5°  | 31.2 | 31.2   | 31.2 | 31.2   | 31.8 | 31.8   | 32.3 | 32.9   | 34.0 | 34.6   |
| 0.0    | 15°    | 30.1 | 29.5   | 29.5 | 29.5   | 29.5 | 30.1   | 30.1 | 31.2   | 32.3 | 32.9   |
| 0.0    | 17.5°  | 27.8 | 27.8   | 27.2 | 27.2   | 27.8 | 27.8   | 28.4 | 29.5   | 30.6 | 31.2   |
| 0.0    | 20°    | 25.5 | 25.0   | 24.4 | 24.4   | 25.0 | 25.0   | 25.5 | 26.7   | 27.8 | 28.4   |
| 0.0    | 22.5°  | 22.1 | 21.6   | 21.6 | 21.6   | 21.6 | 22.1   | 22.1 | 23.3   | 25.0 | 26.1   |
| 0.0    | 25°    | 17.6 | 18.2   | 18.2 | 18.7   | 18.7 | 19.3   | 19.9 | 21.0   | 22.7 | 23.8   |
| 0.0    | 27.5°  | 13.6 | 14.2   | 14.2 | 15.3   | 15.9 | 16.4   | 17.0 | 18.7   | 20.4 | 21.6   |
| 0.0    | 30°    | 10.2 | 10.8   | 11.3 | 11.9   | 13.0 | 14.2   | 15.3 | 17.0   | 18.7 | 19.9   |
| 0.0    | 32.5°  | 6.2  | 7.4    | 7.9  | 9.1    | 10.2 | 11.3   | 12.5 | 14.2   | 16.4 | 18.2   |
| 0.0    | 35°    | 4.5  | 5.1    | 6.2  | 6.8    | 7.9  | 9.1    | 10.2 | 12.5   | 14.2 | 16.4   |
| 0.0    | 37.5°  | 2.3  | 3.4    | 4.5  | 5.7    | 6.8  | 7.9    | 9.1  | 11.3   | 13.6 | 15.3   |
| 0.0    | 40°    | 1.7  | 2.8    | 3.4  | 4.5    | 6.2  | 7.4    | 8.5  | 10.8   | 13.0 | 15.3   |
| 0.0    | 42.5°  | 1.1  | 1.7    | 2.3  | 4.0    | 5.1  | 6.8    | 8.5  | 10.8   | 13.0 | 15.3   |
| 0.0    | 45°    | 1.1  | 1.1    | 1.7  | 3.4    | 5.1  | 7.4    | 9.1  | 11.3   | 13.0 | 15.3   |
| 0.0    | 47.5°  | 1.1  | 1.7    | 2.3  | 4.5    | 5.7  | 7.4    | 9.1  | 10.8   | 13.0 | 14.7   |
| 0.0    | 50°    | 1.7  | 2.3    | 2.8  | 5.1    | 6.2  | 7.9    | 9.1  | 11.3   | 13.0 | 15.3   |
| 0.0    | 52.5°  | 1.1  | 1.7    | 2.3  | 4.5    | 6.2  | 8.5    | 10.2 | 12.5   | 14.7 | 16.4   |
| 0.0    | 55°    | 0.6  | 0.6    | 0.6  | 3.4    | 6.8  | 9.6    | 13.0 | 14.7   | 17.0 | 18.7   |
| 0.0    | 57.5°  | 0.0  | 0.0    | 0.0  | 2.3    | 6.8  | 10.8   | 14.7 | 17.0   | 19.3 | 21.0   |
| 0.0    | 60°    | 0.0  | 0.0    | 0.0  | 2.3    | 6.8  | 10.8   | 14.7 | 17.6   | 20.4 | 23.3   |
| 0.0    | 62.5°  | 0.0  | 0.0    | 0.0  | 2.3    | 5.7  | 9.1    | 12.5 | 17.0   | 22.1 | 26.7   |
| 0.0    | 65°    | 0.0  | 0.0    | 0.0  | 1.7    | 4.5  | 7.4    | 10.2 | 17.0   | 23.8 | 30.1   |
| 0.0    | 67.5°  | 0.0  | 0.0    | 0.0  | 1.7    | 4.5  | 6.8    | 9.6  | 17.0   | 23.8 | 31.2   |
|        | 70°    | 0.0  | 0.0    | 0.0  | 1.7    | 4.5  | 7.4    | 10.2 | 17.0   | 23.8 | 30.6   |
|        | 72.5°  | 0.0  | 0.0    | 0.0  | 1.7    | 5.1  | 7.9    | 11.3 | 17.0   | 22.7 | 28.4   |
|        | 75°    | 0.0  | 0.0    | 0.0  | 2.3    | 5.1  | 8.5    | 11.9 | 17.0   | 22.1 | 26.7   |
|        | 77.5°  | 0.0  | 0.0    | 0.0  | 1.7    | 5.1  | 7.9    | 11.3 | 16.4   | 21.6 | 26.1   |
|        | 80°    | 1.7  | 1.1    | 1.1  | 2.8    | 5.1  | 7.4    | 9.6  | 14.7   | 20.4 | 25.5   |
|        | 82.5°  | 3.4  | 3.4    | 2.8  | 4.0    | 5.1  | 6.8    | 8.5  | 13.0   | 18.2 | 22.7   |
|        | 85°    | 6.8  | 6.8    | 6.2  | 6.8    | 6.8  | 7.4    | 7.9  | 10.2   | 12.5 | 14.7   |
|        | 87.5°  | 9.1  | 9.1    | 8.5  | 8.5    | 8.5  | 7.9    | 7.9  | 7.9    | 7.9  | 7.4    |
|        | 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: P1049142

CATALOG NUMBER: GALN-SA2B-830-U-RBC

**CANDELA DISTRIBUTION (continued):**

| 245° |        | 220° | 222.5° | 225° | 227.5° | 230° | 232.5° | 235° | 237.5° | 240° | 242.5° |
|------|--------|------|--------|------|--------|------|--------|------|--------|------|--------|
| 32.9 | 112.5° | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 39.1 | 115°   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 38.6 | 117.5° | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 37.4 | 120°   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 36.3 | 122.5° | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 35.2 | 125°   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 34.0 | 127.5° | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 32.3 | 130°   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 29.5 | 132.5° | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 27.2 | 135°   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 25.0 | 137.5° | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 23.3 | 140°   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 21.6 | 142.5° | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 19.9 | 145°   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 18.2 | 147.5° | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 17.6 | 150°   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 17.6 | 152.5° | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 17.6 | 155°   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 17.0 | 157.5° | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 16.4 | 160°   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 17.0 | 162.5° | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 18.7 | 165°   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 20.4 | 167.5° | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 23.3 | 170°   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 26.1 | 172.5° | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 31.2 | 175°   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 36.9 | 177.5° | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 38.0 | 180°   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 37.4 |        |      |        |      |        |      |        |      |        |      |        |
| 34.0 |        |      |        |      |        |      |        |      |        |      |        |
| 31.8 |        |      |        |      |        |      |        |      |        |      |        |
| 31.2 |        |      |        |      |        |      |        |      |        |      |        |
| 30.6 |        |      |        |      |        |      |        |      |        |      |        |
| 27.2 |        |      |        |      |        |      |        |      |        |      |        |
| 17.0 |        |      |        |      |        |      |        |      |        |      |        |
| 7.4  |        |      |        |      |        |      |        |      |        |      |        |
| 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: P1049142

CATALOG NUMBER: GALN-SA2B-830-U-RBC

**CANDELA DISTRIBUTION (continued):**

| 245° |        | 247.5° | 250° | 252.5° | 255° | 257.5° | 260° | 262.5° | 265°  | 267.5° | 270°  |
|------|--------|--------|------|--------|------|--------|------|--------|-------|--------|-------|
| 0.0  | 0°     | 32.9   | 32.9 | 32.9   | 32.9 | 32.9   | 32.9 | 32.9   | 32.9  | 32.9   | 32.9  |
| 0.0  | 2.5°   | 39.7   | 40.3 | 40.3   | 40.8 | 41.4   | 42.0 | 42.0   | 42.5  | 42.5   | 42.5  |
| 0.0  | 5°     | 39.1   | 40.3 | 40.8   | 41.4 | 42.0   | 42.5 | 43.1   | 43.7  | 44.2   | 44.2  |
| 0.0  | 7.5°   | 38.6   | 39.1 | 40.3   | 40.8 | 42.0   | 42.5 | 43.7   | 44.2  | 44.8   | 45.4  |
| 0.0  | 10°    | 37.4   | 38.6 | 39.7   | 40.8 | 42.0   | 43.1 | 44.2   | 45.4  | 46.5   | 47.1  |
| 0.0  | 12.5°  | 36.3   | 38.0 | 39.1   | 40.3 | 42.0   | 43.7 | 44.8   | 46.5  | 47.6   | 48.8  |
| 0.0  | 15°    | 35.7   | 36.9 | 38.6   | 39.7 | 42.0   | 44.2 | 45.9   | 48.2  | 50.5   | 52.2  |
| 0.0  | 17.5°  | 34.0   | 36.3 | 38.0   | 39.7 | 42.0   | 44.8 | 47.1   | 49.3  | 52.8   | 56.2  |
| 0.0  | 20°    | 31.8   | 33.5 | 35.7   | 37.4 | 40.8   | 43.7 | 47.1   | 49.9  | 55.0   | 60.1  |
| 0.0  | 22.5°  | 29.5   | 31.8 | 33.5   | 35.7 | 39.7   | 43.1 | 47.1   | 50.5  | 59.0   | 66.9  |
| 0.0  | 25°    | 27.2   | 30.1 | 32.3   | 34.6 | 39.1   | 43.7 | 48.2   | 52.8  | 66.9   | 81.1  |
| 0.0  | 27.5°  | 26.1   | 28.4 | 31.2   | 33.5 | 39.1   | 45.4 | 51.0   | 56.7  | 79.4   | 101.5 |
| 0.0  | 30°    | 24.4   | 27.2 | 29.5   | 32.3 | 39.7   | 47.1 | 54.5   | 61.8  | 96.4   | 131.0 |
| 0.0  | 32.5°  | 22.7   | 25.5 | 28.4   | 31.2 | 40.8   | 50.5 | 59.6   | 69.2  | 114.6  | 159.4 |
| 0.0  | 35°    | 21.0   | 24.4 | 27.2   | 30.1 | 42.5   | 55.6 | 68.1   | 80.5  | 131.0  | 180.9 |
| 0.0  | 37.5°  | 20.4   | 23.8 | 26.7   | 29.5 | 43.1   | 56.2 | 69.8   | 82.8  | 132.7  | 182.6 |
| 0.0  | 40°    | 21.0   | 23.8 | 27.2   | 30.1 | 41.4   | 52.8 | 63.5   | 74.9  | 127.1  | 178.7 |
| 0.0  | 42.5°  | 21.0   | 24.4 | 27.8   | 31.2 | 40.3   | 49.3 | 58.4   | 67.5  | 125.4  | 183.2 |
| 0.0  | 45°    | 20.4   | 23.8 | 27.2   | 30.6 | 39.1   | 47.1 | 55.6   | 63.5  | 135.6  | 207.0 |
| 0.0  | 47.5°  | 19.9   | 23.3 | 26.7   | 30.1 | 38.6   | 47.1 | 55.6   | 64.1  | 175.3  | 285.9 |
| 0.0  | 50°    | 19.9   | 23.3 | 26.1   | 28.9 | 39.1   | 49.9 | 60.1   | 70.3  | 255.2  | 439.6 |
| 0.0  | 52.5°  | 21.0   | 23.8 | 26.1   | 28.4 | 40.3   | 52.8 | 64.7   | 76.6  | 324.4  | 571.8 |
| 0.0  | 55°    | 22.7   | 24.4 | 26.7   | 28.4 | 43.1   | 57.3 | 72.0   | 86.2  | 345.4  | 604.7 |
| 0.0  | 57.5°  | 25.0   | 26.7 | 28.4   | 30.1 | 48.2   | 66.4 | 83.9   | 102.1 | 347.1  | 591.6 |
| 0.0  | 60°    | 27.8   | 30.1 | 31.8   | 33.5 | 52.8   | 72.6 | 91.9   | 111.2 | 314.2  | 516.7 |
| 0.0  | 62.5°  | 34.0   | 36.9 | 39.1   | 42.0 | 60.7   | 78.8 | 97.6   | 115.7 | 260.9  | 406.1 |
| 0.0  | 65°    | 39.1   | 41.4 | 43.7   | 45.9 | 64.1   | 82.8 | 101.0  | 119.1 | 221.2  | 323.3 |
| 0.0  | 67.5°  | 40.3   | 42.5 | 44.2   | 46.5 | 65.2   | 83.9 | 102.1  | 120.8 | 189.5  | 257.5 |
|      | 70°    | 40.8   | 43.7 | 47.1   | 49.9 | 69.2   | 88.5 | 107.2  | 126.5 | 167.9  | 209.3 |
|      | 72.5°  | 39.1   | 44.8 | 49.9   | 55.0 | 73.2   | 90.8 | 108.9  | 126.5 | 156.0  | 185.5 |
|      | 75°    | 39.1   | 47.1 | 54.5   | 61.8 | 75.4   | 88.5 | 102.1  | 115.1 | 137.8  | 160.5 |
|      | 77.5°  | 41.4   | 51.6 | 61.8   | 72.0 | 80.0   | 87.4 | 95.3   | 102.7 | 117.4  | 132.2 |
|      | 80°    | 41.4   | 52.2 | 62.4   | 73.2 | 76.6   | 80.5 | 83.9   | 87.4  | 89.1   | 90.8  |
|      | 82.5°  | 35.7   | 44.2 | 52.8   | 61.3 | 57.3   | 53.3 | 49.3   | 45.4  | 42.5   | 39.1  |
|      | 85°    | 18.2   | 19.9 | 21.0   | 22.1 | 20.4   | 18.7 | 17.0   | 15.3  | 14.2   | 12.5  |
|      | 87.5°  | 7.4    | 7.4  | 6.8    | 6.8  | 6.8    | 6.8  | 6.2    | 6.2   | 6.2    | 6.2   |
|      | 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: P1049142

CATALOG NUMBER: GALN-SA2B-830-U-RBC

**CANDELA DISTRIBUTION (continued):**

| 272.5° |        | 247.5° | 250° | 252.5° | 255° | 257.5° | 260° | 262.5° | 265° | 267.5° | 270° |
|--------|--------|--------|------|--------|------|--------|------|--------|------|--------|------|
| 32.9   | 112.5° | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 42.5   | 115°   | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 44.2   | 117.5° | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 45.9   | 120°   | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 48.2   | 122.5° | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 50.5   | 125°   | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 55.0   | 127.5° | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 60.7   | 130°   | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 69.8   | 132.5° | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 89.1   | 135°   | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 120.8  | 137.5° | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 167.9  | 140°   | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 227.5  | 142.5° | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 284.2  | 145°   | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 322.7  | 147.5° | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 351.7  | 150°   | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 380.6  | 152.5° | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 437.3  | 155°   | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 550.8  | 157.5° | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 839.5  | 160°   | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 1285.9 | 162.5° | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 1618.8 | 165°   | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 1655.7 | 167.5° | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 1494.1 | 170°   | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 1277.4 | 172.5° | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 998.3  | 175°   | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 754.4  | 177.5° | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 557.0  | 180°   | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 394.2  |        |        |      |        |      |        |      |        |      |        |      |
| 293.3  |        |        |      |        |      |        |      |        |      |        |      |
| 213.3  |        |        |      |        |      |        |      |        |      |        |      |
| 160.5  |        |        |      |        |      |        |      |        |      |        |      |
| 90.2   |        |        |      |        |      |        |      |        |      |        |      |
| 40.8   |        |        |      |        |      |        |      |        |      |        |      |
| 11.9   |        |        |      |        |      |        |      |        |      |        |      |
| 5.7    |        |        |      |        |      |        |      |        |      |        |      |
| 0.0    |        |        |      |        |      |        |      |        |      |        |      |
| 0.0    |        |        |      |        |      |        |      |        |      |        |      |
| 0.0    |        |        |      |        |      |        |      |        |      |        |      |
| 0.0    |        |        |      |        |      |        |      |        |      |        |      |
| 0.0    |        |        |      |        |      |        |      |        |      |        |      |
| 0.0    |        |        |      |        |      |        |      |        |      |        |      |
| 0.0    |        |        |      |        |      |        |      |        |      |        |      |
| 0.0    |        |        |      |        |      |        |      |        |      |        |      |
| 0.0    |        |        |      |        |      |        |      |        |      |        |      |
| 0.0    |        |        |      |        |      |        |      |        |      |        |      |
| 0.0    |        |        |      |        |      |        |      |        |      |        |      |

REPORT NUMBER: P1049142

CATALOG NUMBER: GALN-SA2B-830-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°     | 32.9   | 32.9   | 32.9   | 32.9   | 32.9   | 32.9   | 32.9    | 32.9    | 32.9    | 32.9    |
| 0.0    | 2.5°   | 42.5   | 42.0   | 42.0   | 41.4   | 40.8   | 40.3   | 39.7    | 39.1    | 38.6    | 38.0    |
| 0.0    | 5°     | 44.2   | 44.2   | 44.2   | 43.7   | 43.7   | 43.1   | 43.1    | 42.5    | 42.0    | 41.4    |
| 0.0    | 7.5°   | 45.9   | 46.5   | 46.5   | 47.1   | 47.1   | 47.1   | 47.1    | 46.5    | 46.5    | 46.5    |
| 0.0    | 10°    | 48.8   | 49.3   | 49.9   | 50.5   | 51.0   | 51.6   | 51.6    | 52.2    | 52.2    | 52.2    |
| 0.0    | 12.5°  | 52.2   | 53.9   | 55.0   | 56.7   | 57.9   | 59.6   | 60.7    | 62.4    | 63.5    | 64.7    |
| 0.0    | 15°    | 57.3   | 60.1   | 63.5   | 66.4   | 69.2   | 73.2   | 77.7    | 81.7    | 85.6    | 91.9    |
| 0.0    | 17.5°  | 64.7   | 73.7   | 82.8   | 91.3   | 100.4  | 120.3  | 140.1   | 159.4   | 179.2   | 208.2   |
| 0.0    | 20°    | 78.8   | 106.1  | 132.7  | 160.0  | 186.6  | 256.4  | 325.6   | 395.4   | 464.6   | 538.9   |
| 0.0    | 22.5°  | 110.6  | 177.5  | 244.5  | 311.4  | 378.3  | 524.1  | 669.3   | 815.1   | 960.3   | 1131.0  |
| 0.0    | 25°    | 160.5  | 283.6  | 406.7  | 529.2  | 652.3  | 880.3  | 1108.9  | 1336.9  | 1565.0  | 1786.7  |
| 0.0    | 27.5°  | 233.7  | 422.0  | 610.3  | 798.1  | 986.4  | 1295.5 | 1605.2  | 1914.4  | 2223.5  | 2474.2  |
| 0.0    | 30°    | 323.9  | 579.1  | 834.4  | 1089.6 | 1344.9 | 1696.5 | 2048.2  | 2399.3  | 2751.0  | 3025.0  |
| 0.0    | 32.5°  | 409.0  | 721.5  | 1034.0 | 1346.0 | 1658.5 | 2059.0 | 2460.0  | 2860.5  | 3260.9  | 3560.4  |
| 0.0    | 35°    | 464.6  | 842.3  | 1220.7 | 1598.4 | 1976.2 | 2409.5 | 2842.9  | 3275.7  | 3709.0  | 4051.1  |
| 0.0    | 37.5°  | 520.1  | 956.3  | 1392.0 | 1828.1 | 2263.8 | 2739.7 | 3215.6  | 3691.5  | 4167.4  | 4589.9  |
| 0.0    | 40°    | 582.5  | 1094.2 | 1605.2 | 2116.9 | 2627.9 | 3191.7 | 3755.0  | 4318.8  | 4882.0  | 5478.2  |
| 0.0    | 42.5°  | 690.9  | 1322.8 | 1955.2 | 2587.1 | 3219.0 | 3964.9 | 4710.7  | 5456.1  | 6202.0  | 7052.8  |
| 0.0    | 45°    | 894.5  | 1785.0 | 2676.1 | 3566.7 | 4457.2 | 5445.3 | 6434.0  | 7422.0  | 8410.1  | 9542.3  |
| 0.0    | 47.5°  | 1393.1 | 2618.3 | 3842.9 | 5068.1 | 6292.7 | 7359.7 | 8426.0  | 9493.0  | 10559.3 | 11687.0 |
| 0.0    | 50°    | 2131.6 | 3557.6 | 4983.6 | 6409.0 | 7835.0 | 8800.4 | 9765.2  | 10730.6 | 11695.5 | 12768.1 |
| 0.0    | 52.5°  | 2665.9 | 4151.5 | 5637.6 | 7123.1 | 8608.7 | 9479.9 | 10351.7 | 11223.0 | 12094.2 | 13096.5 |
| 0.0    | 55°    | 2706.2 | 4183.2 | 5660.8 | 7137.9 | 8614.9 | 9490.1 | 10365.3 | 11240.6 | 12115.8 | 13178.2 |
| 0.0    | 57.5°  | 2395.9 | 3861.1 | 5325.6 | 6790.7 | 8255.3 | 9251.9 | 10247.9 | 11244.5 | 12240.6 | 13389.2 |
| 0.0    | 60°    | 2038.0 | 3503.7 | 4968.8 | 6434.5 | 7899.6 | 9047.7 | 10196.3 | 11344.4 | 12492.4 | 13568.4 |
| 0.0    | 62.5°  | 1589.9 | 3097.6 | 4605.8 | 6113.5 | 7621.1 | 8786.8 | 9952.4  | 11117.5 | 12283.1 | 13090.3 |
| 0.0    | 65°    | 1184.9 | 2648.9 | 4112.9 | 5576.3 | 7040.3 | 7974.0 | 8907.6  | 9840.7  | 10774.3 | 11274.0 |
| 0.0    | 67.5°  | 856.5  | 2119.1 | 3381.2 | 4643.8 | 5905.9 | 6574.1 | 7242.2  | 7909.9  | 8578.0  | 8960.3  |
|        | 70°    | 579.1  | 1453.8 | 2327.9 | 3202.5 | 4076.6 | 4625.7 | 5175.3  | 5724.4  | 6273.4  | 6789.6  |
|        | 72.5°  | 401.0  | 892.2  | 1384.0 | 1875.2 | 2366.4 | 2918.9 | 3470.8  | 4023.3  | 4575.2  | 5121.4  |
|        | 75°    | 266.0  | 489.5  | 713.6  | 937.0  | 1160.5 | 1569.5 | 1979.0  | 2388.0  | 2797.0  | 3122.5  |
|        | 77.5°  | 188.9  | 255.8  | 323.3  | 390.2  | 457.2  | 533.8  | 610.9   | 687.5   | 764.0   | 880.3   |
|        | 80°    | 89.6   | 98.1   | 106.6  | 114.6  | 123.1  | 150.9  | 178.7   | 206.5   | 234.3   | 263.8   |
|        | 82.5°  | 42.5   | 45.9   | 49.3   | 52.2   | 55.6   | 58.4   | 61.3    | 64.1    | 66.9    | 64.1    |
|        | 85°    | 11.3   | 11.3   | 11.9   | 11.9   | 11.9   | 11.9   | 11.9    | 11.9    | 11.9    | 11.3    |
|        | 87.5°  | 5.1    | 5.1    | 5.1    | 5.1    | 5.1    | 5.1    | 5.1     | 4.5     | 4.5     | 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     |

REPORT NUMBER: P1049142

CATALOG NUMBER: GALN-SA2B-830-U-RBC

**CANDELA DISTRIBUTION (continued):**

| 300°    |        | 275° | 277.5° | 280° | 282.5° | 285° | 287.5° | 290° | 292.5° | 295° | 297.5° |
|---------|--------|------|--------|------|--------|------|--------|------|--------|------|--------|
| 32.9    | 112.5° | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 37.4    | 115°   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 40.8    | 117.5° | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 45.9    | 120°   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 52.8    | 122.5° | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 65.2    | 125°   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 98.7    | 127.5° | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 236.5   | 130°   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 613.7   | 132.5° | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 1301.8  | 135°   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 2008.5  | 137.5° | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 2724.9  | 140°   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 3299.5  | 142.5° | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 3860.5  | 145°   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 4393.1  | 147.5° | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 5013.1  | 150°   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 6074.3  | 152.5° | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 7903.6  | 155°   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 10674.5 | 157.5° | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 12814.6 | 160°   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 13840.7 | 162.5° | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 14098.8 | 165°   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 14241.1 | 167.5° | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 14537.8 | 170°   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 14643.9 | 172.5° | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 13898.0 | 175°   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 11774.3 | 177.5° | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 9343.2  | 180°   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 7305.2  |        |      |        |      |        |      |        |      |        |      |        |
| 5667.6  |        |      |        |      |        |      |        |      |        |      |        |
| 3448.1  |        |      |        |      |        |      |        |      |        |      |        |
| 996.6   |        |      |        |      |        |      |        |      |        |      |        |
| 293.3   |        |      |        |      |        |      |        |      |        |      |        |
| 60.7    |        |      |        |      |        |      |        |      |        |      |        |
| 10.8    |        |      |        |      |        |      |        |      |        |      |        |
| 4.0     |        |      |        |      |        |      |        |      |        |      |        |
| 0.0     |        |      |        |      |        |      |        |      |        |      |        |
| 0.0     |        |      |        |      |        |      |        |      |        |      |        |
| 0.0     |        |      |        |      |        |      |        |      |        |      |        |
| 0.0     |        |      |        |      |        |      |        |      |        |      |        |
| 0.0     |        |      |        |      |        |      |        |      |        |      |        |
| 0.0     |        |      |        |      |        |      |        |      |        |      |        |
| 0.0     |        |      |        |      |        |      |        |      |        |      |        |
| 0.0     |        |      |        |      |        |      |        |      |        |      |        |
| 0.0     |        |      |        |      |        |      |        |      |        |      |        |
| 0.0     |        |      |        |      |        |      |        |      |        |      |        |
| 0.0     |        |      |        |      |        |      |        |      |        |      |        |

REPORT NUMBER: P1049142

CATALOG NUMBER: GALN-SA2B-830-U-RBC

**CANDELA DISTRIBUTION (continued):**

| 300° |        | 302.5°  | 305°    | 307.5°  | 310°    | 312.5°  | 315°    | 317.5°  | 320°    | 322.5°  |
|------|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0.0  | 0°     | 32.9    | 32.9    | 32.9    | 32.9    | 32.9    | 32.9    | 32.9    | 32.9    | 32.9    |
| 0.0  | 2.5°   | 36.9    | 36.3    | 35.7    | 35.2    | 34.6    | 33.5    | 33.5    | 32.9    | 32.9    |
| 0.0  | 5°     | 40.3    | 39.7    | 39.1    | 38.6    | 38.6    | 38.0    | 37.4    | 37.4    | 36.9    |
| 0.0  | 7.5°   | 45.9    | 45.4    | 44.8    | 44.2    | 44.2    | 43.7    | 43.7    | 43.1    | 43.1    |
| 0.0  | 10°    | 52.8    | 52.8    | 52.8    | 52.8    | 52.8    | 52.2    | 52.2    | 52.2    | 51.6    |
| 0.0  | 12.5°  | 66.4    | 66.9    | 68.1    | 69.2    | 70.9    | 70.9    | 70.9    | 70.3    | 70.3    |
| 0.0  | 15°    | 104.9   | 111.2   | 115.7   | 120.3   | 124.2   | 133.3   | 132.2   | 130.5   | 129.3   |
| 0.0  | 17.5°  | 265.5   | 293.8   | 309.1   | 323.9   | 339.2   | 381.2   | 374.4   | 367.6   | 361.3   |
| 0.0  | 20°    | 688.0   | 762.3   | 811.7   | 861.0   | 911.0   | 989.8   | 970.5   | 951.2   | 931.9   |
| 0.0  | 22.5°  | 1471.9  | 1642.7  | 1717.0  | 1791.3  | 1865.0  | 1960.3  | 1898.5  | 1836.7  | 1775.4  |
| 0.0  | 25°    | 2229.7  | 2451.5  | 2576.9  | 2702.2  | 2827.0  | 2881.5  | 2800.9  | 2719.8  | 2639.3  |
| 0.0  | 27.5°  | 2975.6  | 3226.3  | 3336.9  | 3447.0  | 3557.6  | 3671.6  | 3571.8  | 3471.4  | 3371.5  |
| 0.0  | 30°    | 3573.5  | 3847.4  | 3967.1  | 4086.2  | 4205.9  | 4285.3  | 4182.1  | 4078.3  | 3975.1  |
| 0.0  | 32.5°  | 4160.0  | 4459.5  | 4590.5  | 4721.5  | 4852.0  | 4966.0  | 4838.9  | 4711.3  | 4584.3  |
| 0.0  | 35°    | 4734.6  | 5076.6  | 5257.0  | 5437.4  | 5617.7  | 5723.8  | 5572.9  | 5421.5  | 5270.6  |
| 0.0  | 37.5°  | 5435.6  | 5858.2  | 6060.2  | 6262.1  | 6464.0  | 6657.4  | 6491.2  | 6324.5  | 6158.3  |
| 0.0  | 40°    | 6670.5  | 7266.6  | 7576.3  | 7886.6  | 8196.3  | 8445.9  | 8236.0  | 8026.1  | 7816.3  |
| 0.0  | 42.5°  | 8754.4  | 9605.3  | 10050.5 | 10495.2 | 10940.5 | 11330.2 | 11109.5 | 10888.9 | 10668.2 |
| 0.0  | 45°    | 11806.6 | 12938.8 | 13481.6 | 14023.9 | 14566.7 | 14851.5 | 14533.8 | 14215.6 | 13898.0 |
| 0.0  | 47.5°  | 13941.7 | 15069.3 | 15552.6 | 16035.8 | 16519.1 | 16844.1 | 16455.6 | 16067.0 | 15679.0 |
| 0.0  | 50°    | 14912.7 | 15985.3 | 16470.3 | 16954.7 | 17439.7 | 17697.8 | 17249.1 | 16799.9 | 16351.2 |
| 0.0  | 52.5°  | 15100.5 | 16102.8 | 16681.3 | 17260.4 | 17839.0 | 18183.9 | 17654.1 | 17123.7 | 16594.0 |
| 0.0  | 55°    | 15303.5 | 16365.9 | 17037.0 | 17708.5 | 18379.6 | 18857.2 | 18258.2 | 17658.6 | 17059.6 |
| 0.0  | 57.5°  | 15685.8 | 16834.5 | 17503.8 | 18172.5 | 18841.8 | 19247.4 | 18646.7 | 18045.5 | 17444.8 |
| 0.0  | 60°    | 15719.9 | 16795.3 | 17370.5 | 17946.2 | 18521.4 | 18776.6 | 18202.0 | 17626.9 | 17052.3 |
| 0.0  | 62.5°  | 14705.1 | 15512.3 | 15911.6 | 16310.9 | 16710.2 | 16987.6 | 16388.1 | 15787.9 | 15188.4 |
| 0.0  | 65°    | 12274.0 | 12773.7 | 13092.0 | 13410.2 | 13728.4 | 14059.1 | 13510.0 | 12960.9 | 12411.9 |
| 0.0  | 67.5°  | 9725.5  | 10107.8 | 10527.0 | 10946.2 | 11365.3 | 11718.7 | 11279.1 | 10839.0 | 10399.4 |
|      | 70°    | 7821.4  | 8337.0  | 8808.3  | 9279.7  | 9751.0  | 10040.3 | 9599.0  | 9157.2  | 8715.9  |
|      | 72.5°  | 6213.9  | 6760.1  | 7153.8  | 7546.8  | 7940.5  | 8011.4  | 7686.9  | 7362.5  | 7038.6  |
|      | 75°    | 3773.1  | 4098.7  | 4106.7  | 4114.0  | 4122.0  | 4189.5  | 3920.6  | 3651.7  | 3383.5  |
|      | 77.5°  | 1112.9  | 1229.2  | 1325.0  | 1420.3  | 1516.2  | 1631.9  | 1533.2  | 1433.9  | 1335.2  |
|      | 80°    | 322.2   | 351.7   | 376.6   | 401.0   | 426.0   | 411.2   | 388.0   | 364.7   | 341.5   |
|      | 82.5°  | 57.9    | 54.5    | 53.9    | 53.3    | 53.3    | 50.5    | 45.9    | 41.4    | 36.9    |
|      | 85°    | 10.2    | 9.6     | 9.1     | 8.5     | 7.9     | 7.4     | 6.2     | 5.7     | 4.5     |
|      | 87.5°  | 3.4     | 2.8     | 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     |



REPORT NUMBER: P1049142

CATALOG NUMBER: GALN-SA2B-830-U-RBC

**CANDELA DISTRIBUTION (continued):**

[illegible]

REPORT NUMBER: P1049142

CATALOG NUMBER: GALN-SA2B-830-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°     | 32.9    | 32.9    | 32.9    | 32.9    | 32.9    | 32.9   | 32.9   | 32.9   | 32.9   |
| 0.0  | 0.0    | 2.5°   | 32.3    | 31.8    | 31.8    | 31.8    | 31.8    | 31.2   | 31.2   | 31.2   | 31.2   |
| 0.0  | 0.0    | 5°     | 35.7    | 35.7    | 35.2    | 35.2    | 34.6    | 34.6   | 34.0   | 34.0   | 33.5   |
| 0.0  | 0.0    | 7.5°   | 42.0    | 41.4    | 40.8    | 40.3    | 39.7    | 38.6   | 38.0   | 37.4   | 37.4   |
| 0.0  | 0.0    | 10°    | 50.5    | 49.3    | 48.8    | 47.6    | 47.1    | 45.9   | 44.8   | 43.7   | 42.5   |
| 0.0  | 0.0    | 12.5°  | 66.4    | 64.1    | 62.4    | 60.1    | 57.9    | 56.2   | 53.9   | 52.2   | 49.9   |
| 0.0  | 0.0    | 15°    | 115.1   | 109.5   | 103.2   | 95.9    | 87.9    | 80.5   | 72.6   | 68.1   | 63.0   |
| 0.0  | 0.0    | 17.5°  | 294.4   | 264.9   | 234.8   | 210.4   | 186.0   | 162.2  | 137.8  | 120.3  | 102.7  |
| 0.0  | 0.0    | 20°    | 749.3   | 667.6   | 585.9   | 505.4   | 424.3   | 343.7  | 262.6  | 221.8  | 180.9  |
| 0.0  | 0.0    | 22.5°  | 1410.1  | 1258.7  | 1106.6  | 959.7   | 812.3   | 665.3  | 518.4  | 426.0  | 334.1  |
| 0.0  | 0.0    | 25°    | 2176.4  | 1985.8  | 1795.2  | 1553.6  | 1311.4  | 1069.8 | 828.1  | 677.8  | 527.5  |
| 0.0  | 0.0    | 27.5°  | 2832.1  | 2612.6  | 2393.1  | 2099.3  | 1805.5  | 1511.6 | 1217.8 | 993.8  | 770.3  |
| 0.0  | 0.0    | 30°    | 3399.9  | 3163.9  | 2928.0  | 2585.9  | 2243.9  | 1901.9 | 1559.8 | 1279.6 | 999.4  |
| 0.0  | 0.0    | 32.5°  | 3892.2  | 3609.8  | 3327.3  | 2974.5  | 2621.7  | 2268.9 | 1916.1 | 1572.3 | 1228.6 |
| 0.0  | 0.0    | 35°    | 4460.0  | 4130.5  | 3800.4  | 3409.0  | 3017.0  | 2625.7 | 2234.3 | 1846.3 | 1457.8 |
| 0.0  | 0.0    | 37.5°  | 5181.5  | 4777.1  | 4372.1  | 3935.9  | 3499.7  | 3064.1 | 2627.9 | 2184.4 | 1740.8 |
| 0.0  | 0.0    | 40°    | 6562.7  | 6040.9  | 5519.0  | 4964.9  | 4410.1  | 3855.9 | 3301.8 | 2757.2 | 2212.7 |
| 0.0  | 0.0    | 42.5°  | 9037.5  | 8332.4  | 7627.4  | 6890.0  | 6152.0  | 5414.7 | 4676.7 | 3908.7 | 3140.1 |
| 0.0  | 0.0    | 45°    | 11830.5 | 10955.8 | 10080.6 | 9253.0  | 8424.9  | 7597.3 | 6769.7 | 5715.9 | 4662.0 |
| 0.0  | 0.0    | 47.5°  | 13401.1 | 12456.7 | 11512.3 | 10728.9 | 9945.6  | 9162.3 | 8378.9 | 7242.8 | 6106.7 |
| 0.0  | 0.0    | 50°    | 13979.1 | 13017.7 | 12056.2 | 11335.3 | 10613.8 | 9892.8 | 9171.3 | 8033.5 | 6895.1 |
| 0.0  | 0.0    | 52.5°  | 14102.2 | 13121.5 | 12140.7 | 11415.3 | 10689.8 | 9964.9 | 9239.4 | 8108.9 | 6978.5 |
| 0.0  | 0.0    | 55°    | 14355.2 | 13303.0 | 12250.2 | 11423.2 | 10596.2 | 9769.2 | 8942.2 | 7793.6 | 6645.0 |
| 0.0  | 0.0    | 57.5°  | 14685.8 | 13607.0 | 12528.1 | 11586.0 | 10643.8 | 9702.3 | 8760.1 | 7504.3 | 6248.5 |
| 0.0  | 0.0    | 60°    | 14599.1 | 13660.3 | 12721.0 | 11711.9 | 10702.3 | 9693.2 | 8683.5 | 7302.4 | 5920.6 |
| 0.0  | 0.0    | 62.5°  | 13092.5 | 12344.9 | 11596.8 | 10766.9 | 9936.5  | 9106.7 | 8276.8 | 6854.8 | 5432.8 |
| 0.0  | 0.0    | 65°    | 10770.9 | 10225.2 | 9679.6  | 9012.0  | 8343.8  | 7676.2 | 7008.5 | 5733.4 | 4458.9 |
| 0.0  | 0.0    | 67.5°  | 8729.5  | 8114.6  | 7499.2  | 6967.1  | 6434.5  | 5902.5 | 5369.9 | 4366.4 | 3363.0 |
|      |        | 70°    | 6935.4  | 6266.6  | 5597.3  | 5077.7  | 4557.6  | 4038.0 | 3518.5 | 2851.4 | 2184.9 |
|      |        | 72.5°  | 5507.7  | 4904.7  | 4301.8  | 3747.6  | 3192.9  | 2638.7 | 2084.0 | 1689.7 | 1295.5 |
|      |        | 75°    | 2632.5  | 2391.4  | 2150.3  | 1860.5  | 1570.6  | 1280.8 | 990.9  | 819.1  | 647.8  |
|      |        | 77.5°  | 975.6   | 845.7   | 715.3   | 597.3   | 479.3   | 361.9  | 243.9  | 223.5  | 203.1  |
|      |        | 80°    | 252.4   | 220.1   | 187.2   | 163.9   | 140.1   | 116.8  | 93.6   | 84.5   | 76.0   |
|      |        | 82.5°  | 28.9    | 26.7    | 25.0    | 23.8    | 22.1    | 21.0   | 19.3   | 17.6   | 15.9   |
|      |        | 85°    | 1.7     | 1.1     | 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: P1049142  
CATALOG NUMBER: GALN-SA2B-830-U-RBC

**CANDELA DISTRIBUTION (continued):**

[illegible]

REPORT NUMBER: P1049142

CATALOG NUMBER: GALN-SA2B-830-U-RBC

**CANDELA DISTRIBUTION (continued):**

| 352.5° | 355° |        | 357.5° | 360°   |
|--------|------|--------|--------|--------|
| 0.0    | 0.0  | 0°     | 32.9   | 32.9   |
| 0.0    | 0.0  | 2.5°   | 30.6   | 30.1   |
| 0.0    | 0.0  | 5°     | 32.3   | 31.8   |
| 0.0    | 0.0  | 7.5°   | 35.7   | 34.6   |
| 0.0    | 0.0  | 10°    | 39.1   | 38.0   |
| 0.0    | 0.0  | 12.5°  | 44.2   | 42.5   |
| 0.0    | 0.0  | 15°    | 49.9   | 46.5   |
| 0.0    | 0.0  | 17.5°  | 59.6   | 52.2   |
| 0.0    | 0.0  | 20°    | 80.5   | 61.8   |
| 0.0    | 0.0  | 22.5°  | 113.4  | 77.1   |
| 0.0    | 0.0  | 25°    | 166.8  | 106.6  |
| 0.0    | 0.0  | 27.5°  | 232.0  | 141.8  |
| 0.0    | 0.0  | 30°    | 308.6  | 177.5  |
| 0.0    | 0.0  | 32.5°  | 376.1  | 211.6  |
| 0.0    | 0.0  | 35°    | 464.0  | 246.2  |
| 0.0    | 0.0  | 37.5°  | 572.3  | 290.4  |
| 0.0    | 0.0  | 40°    | 740.2  | 357.3  |
| 0.0    | 0.0  | 42.5°  | 1042.5 | 481.0  |
| 0.0    | 0.0  | 45°    | 1693.1 | 831.5  |
| 0.0    | 0.0  | 47.5°  | 2605.2 | 1375.5 |
| 0.0    | 0.0  | 50°    | 3187.2 | 1755.5 |
| 0.0    | 0.0  | 52.5°  | 3234.8 | 1752.7 |
| 0.0    | 0.0  | 55°    | 2952.9 | 1558.1 |
| 0.0    | 0.0  | 57.5°  | 2519.6 | 1302.3 |
| 0.0    | 0.0  | 60°    | 2094.2 | 1030.1 |
| 0.0    | 0.0  | 62.5°  | 1650.0 | 711.3  |
| 0.0    | 0.0  | 65°    | 1205.9 | 503.1  |
| 0.0    | 0.0  | 67.5°  | 866.1  | 376.1  |
|        |      | 70°    | 569.5  | 288.1  |
|        |      | 72.5°  | 371.0  | 234.8  |
|        |      | 75°    | 249.6  | 194.6  |
|        |      | 77.5°  | 145.8  | 129.3  |
|        |      | 80°    | 51.6   | 45.4   |
|        |      | 82.5°  | 9.6    | 6.8    |
|        |      | 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: P1049142

CATALOG NUMBER: GALN-SA2B-830-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: SP1-2407-184-9

Test Date: 10/10/2024

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

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

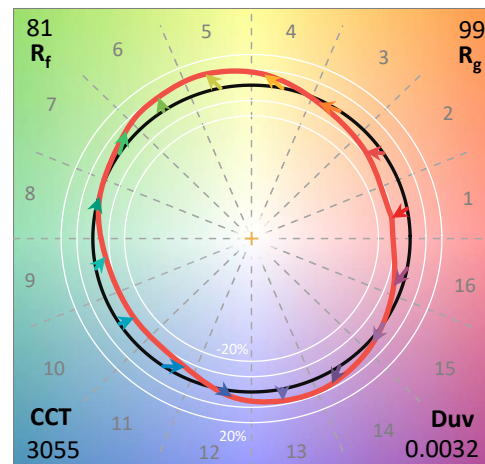
### Test Information

Test Method: LM-79-2019  
 Report Number: SP1-2407-184-9  
 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-830-U-5WQ**  
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 80 CRI  
 3000K CCT 26 LEDS

### Spectral Parameters

CCT (K): 3055  
 CIE  $u'$ : 0.2475  
 CIE  $v'$ : 0.5247  
 Duv: 0.0032  
 CIE x: 0.4377  
 CIE y: 0.4124  
 CIE z: 0.1499  
 Peak Wavelength (nm): 604  
 Dominant Wavelength (nm): 581  
 Purity: 55.16339  
 R<sub>f</sub>: 81.5  
 R<sub>g</sub>: 99.2

CRI (Ra): 80.9  
 R1: 79.5  
 R2: 85.6  
 R3: 92.1  
 R4: 82.4  
 R5: 78.9  
 R6: 81.7  
 R7: 85.1  
 R8: 61.9  
 R9: 6.8  
 R10: 67.1  
 R11: 82.5  
 R12: 63.4  
 R13: 80.2  
 R14: 95.1  
 R15: 71.7



### Test Conditions

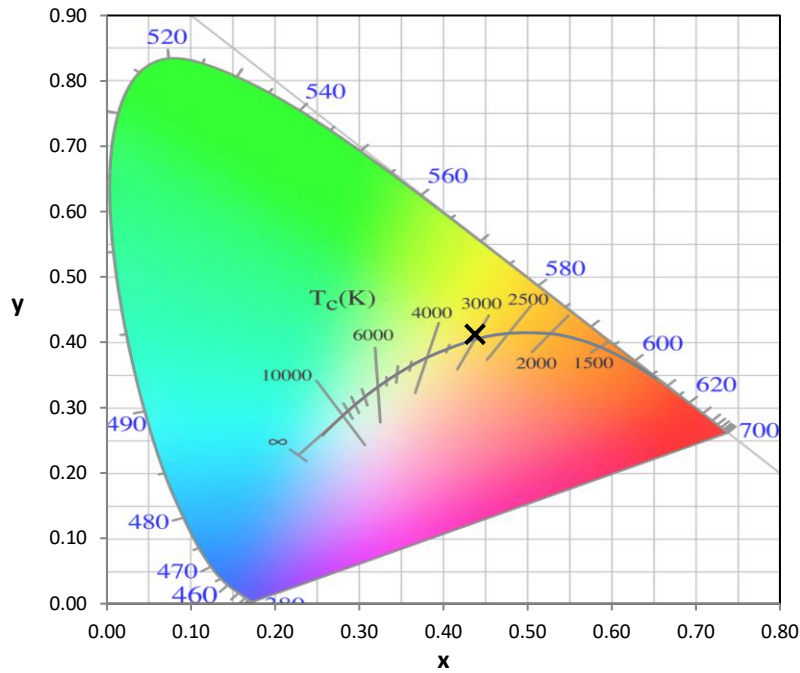
Stabilization Time: 20M  
 Operation Time: 1H 20M  
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-9

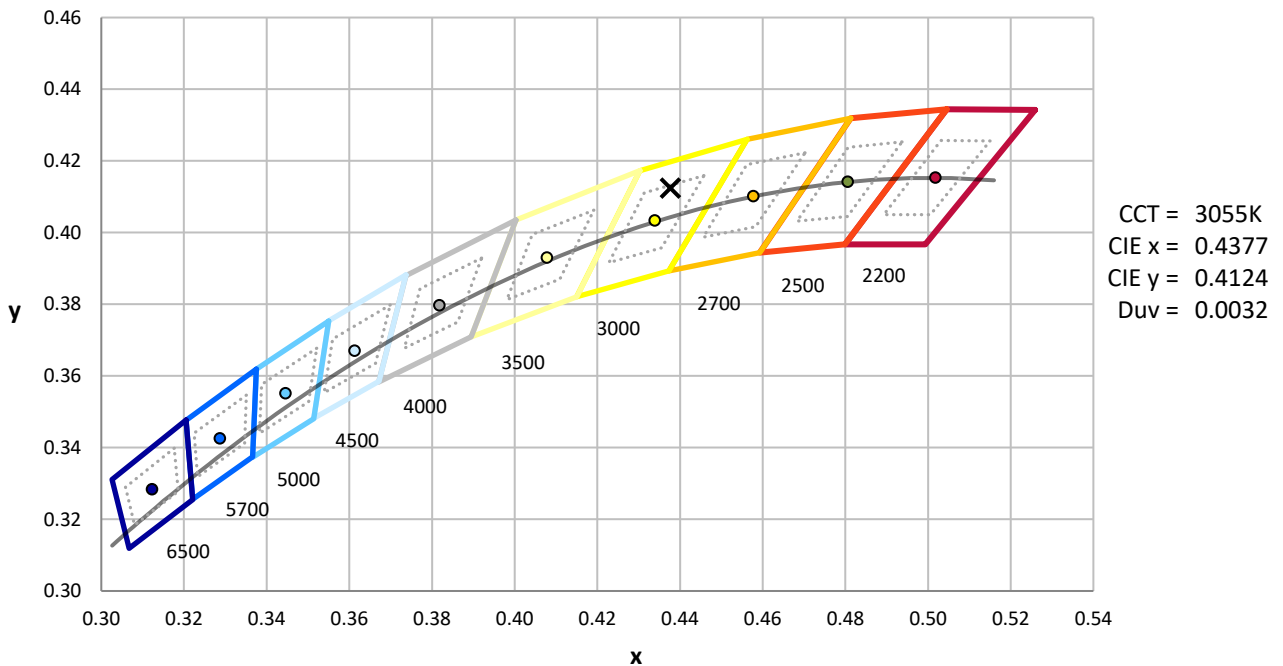
| Measurement and Test Equipment |                       |                  |                      |
|--------------------------------|-----------------------|------------------|----------------------|
| Instrument                     | Identification Number | Calibration Date | Calibration Due Date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

REPORT NUMBER: SP1-2407-184-9

**CIE 1931 Chromaticity Diagram**



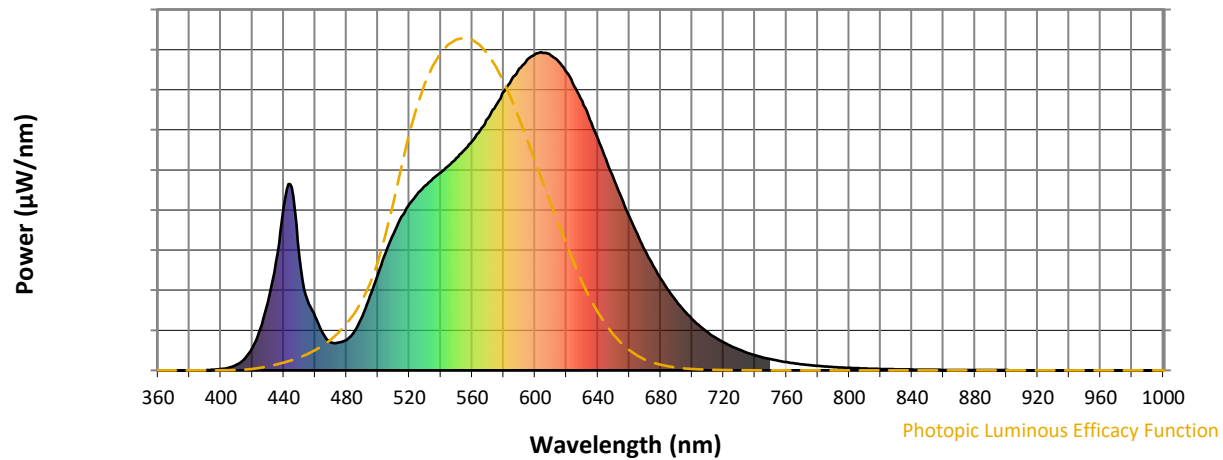
**CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles**



Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-9

### Photopic Flux vs. Wavelength

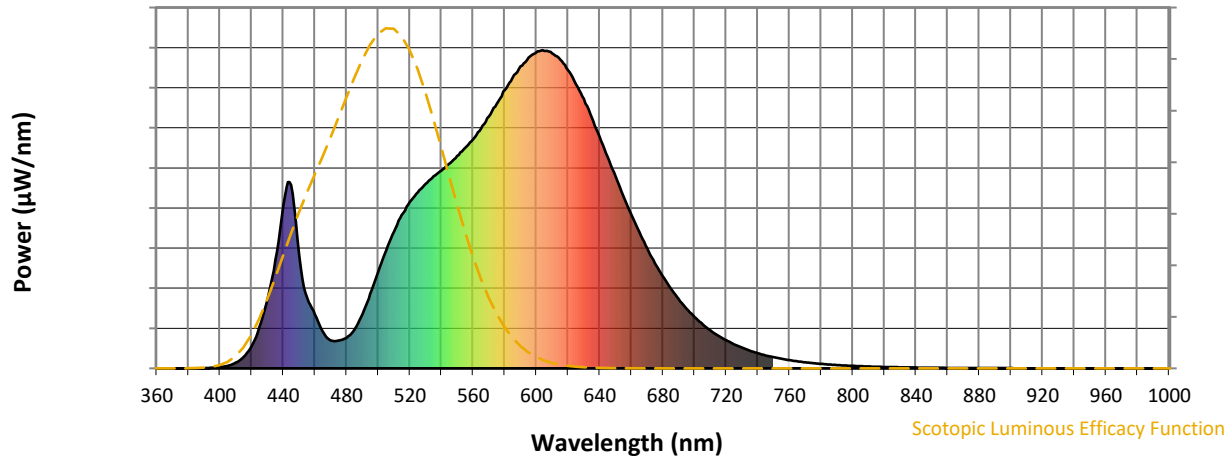


### Photopic Lumens: NR

| $\lambda$<br>(nm) | Power<br>$\text{W}/\text{nm}$ | Lumens<br>( $\phi/\text{nm}$ ) | $\lambda$<br>(nm) | Power<br>$\text{W}/\text{nm}$ | Lumens<br>( $\phi/\text{nm}$ ) | $\lambda$<br>(nm) | Power<br>$\text{W}/\text{nm}$ | Lumens<br>( $\phi/\text{nm}$ ) | $\lambda$<br>(nm) | Power<br>$\text{W}/\text{nm}$ | Lumens<br>( $\phi/\text{nm}$ ) | $\lambda$<br>(nm) | Power<br>$\text{W}/\text{nm}$ | Lumens<br>( $\phi/\text{nm}$ ) |
|-------------------|-------------------------------|--------------------------------|-------------------|-------------------------------|--------------------------------|-------------------|-------------------------------|--------------------------------|-------------------|-------------------------------|--------------------------------|-------------------|-------------------------------|--------------------------------|
| 360               | 0                             | NR                             | 490               | 170                           | NR                             | 620               | 938                           | NR                             | 750               | 35                            | NR                             | 880               | 1                             | NR                             |
| 365               | 0                             | NR                             | 495               | 234                           | NR                             | 625               | 894                           | NR                             | 755               | 30                            | NR                             | 885               | 1                             | NR                             |
| 370               | 0                             | NR                             | 500               | 302                           | NR                             | 630               | 847                           | NR                             | 760               | 26                            | NR                             | 890               | 1                             | NR                             |
| 375               | 0                             | NR                             | 505               | 371                           | NR                             | 635               | 788                           | NR                             | 765               | 22                            | NR                             | 895               | 1                             | NR                             |
| 380               | 0                             | NR                             | 510               | 431                           | NR                             | 640               | 728                           | NR                             | 770               | 19                            | NR                             | 900               | 1                             | NR                             |
| 385               | 0                             | NR                             | 515               | 482                           | NR                             | 645               | 665                           | NR                             | 775               | 16                            | NR                             | 905               | 1                             | NR                             |
| 390               | 0                             | NR                             | 520               | 523                           | NR                             | 650               | 603                           | NR                             | 780               | 14                            | NR                             | 910               | 0                             | NR                             |
| 395               | 2                             | NR                             | 525               | 553                           | NR                             | 655               | 542                           | NR                             | 785               | 12                            | NR                             | 915               | 0                             | NR                             |
| 400               | 4                             | NR                             | 530               | 580                           | NR                             | 660               | 484                           | NR                             | 790               | 11                            | NR                             | 920               | 0                             | NR                             |
| 405               | 8                             | NR                             | 535               | 603                           | NR                             | 665               | 430                           | NR                             | 795               | 9                             | NR                             | 925               | 0                             | NR                             |
| 410               | 18                            | NR                             | 540               | 622                           | NR                             | 670               | 377                           | NR                             | 800               | 8                             | NR                             | 930               | 0                             | NR                             |
| 415               | 36                            | NR                             | 545               | 644                           | NR                             | 675               | 330                           | NR                             | 805               | 7                             | NR                             | 935               | 0                             | NR                             |
| 420               | 71                            | NR                             | 550               | 668                           | NR                             | 680               | 289                           | NR                             | 810               | 6                             | NR                             | 940               | 0                             | NR                             |
| 425               | 131                           | NR                             | 555               | 693                           | NR                             | 685               | 250                           | NR                             | 815               | 5                             | NR                             | 945               | 0                             | NR                             |
| 430               | 215                           | NR                             | 560               | 720                           | NR                             | 690               | 218                           | NR                             | 820               | 4                             | NR                             | 950               | 0                             | NR                             |
| 435               | 341                           | NR                             | 565               | 754                           | NR                             | 695               | 188                           | NR                             | 825               | 4                             | NR                             | 955               | 0                             | NR                             |
| 440               | 514                           | NR                             | 570               | 792                           | NR                             | 700               | 161                           | NR                             | 830               | 3                             | NR                             | 960               | 0                             | NR                             |
| 445               | 576                           | NR                             | 575               | 832                           | NR                             | 705               | 139                           | NR                             | 835               | 3                             | NR                             | 965               | 0                             | NR                             |
| 450               | 358                           | NR                             | 580               | 875                           | NR                             | 710               | 119                           | NR                             | 840               | 3                             | NR                             | 970               | 0                             | NR                             |
| 455               | 222                           | NR                             | 585               | 913                           | NR                             | 715               | 102                           | NR                             | 845               | 2                             | NR                             | 975               | 0                             | NR                             |
| 460               | 170                           | NR                             | 590               | 950                           | NR                             | 720               | 88                            | NR                             | 850               | 2                             | NR                             | 980               | 0                             | NR                             |
| 465               | 115                           | NR                             | 595               | 977                           | NR                             | 725               | 76                            | NR                             | 855               | 2                             | NR                             | 985               | 0                             | NR                             |
| 470               | 88                            | NR                             | 600               | 994                           | NR                             | 730               | 65                            | NR                             | 860               | 1                             | NR                             | 990               | 0                             | NR                             |
| 475               | 87                            | NR                             | 605               | 997                           | NR                             | 735               | 56                            | NR                             | 865               | 1                             | NR                             | 995               | 0                             | NR                             |
| 480               | 96                            | NR                             | 610               | 990                           | NR                             | 740               | 47                            | NR                             | 870               | 1                             | NR                             | 1000              | 0                             | NR                             |
| 485               | 122                           | NR                             | 615               | 971                           | NR                             | 745               | 41                            | NR                             | 875               | 1                             | NR                             |                   |                               |                                |

REPORT NUMBER: SP1-2407-184-9

### Scotopic Flux vs. Wavelength



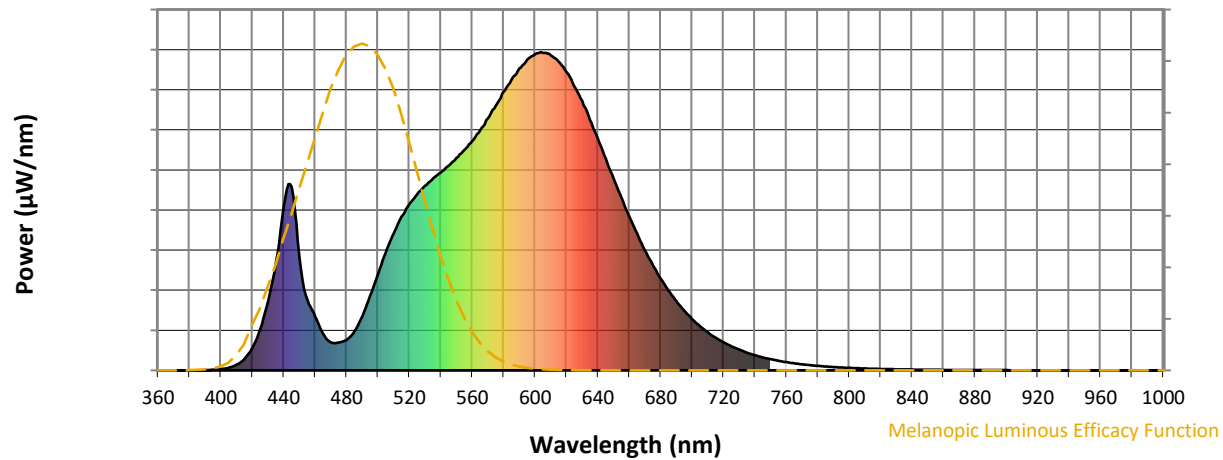
Scotopic Lumens: NR

S/P: 1.28

| 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    | 170                      | NR            | 620    | 938                      | NR            | 750    | 35                       | NR            | 880    | 1                        | NR            |
| 365    | 0                        | NR            | 495    | 234                      | NR            | 625    | 894                      | NR            | 755    | 30                       | NR            | 885    | 1                        | NR            |
| 370    | 0                        | NR            | 500    | 302                      | NR            | 630    | 847                      | NR            | 760    | 26                       | NR            | 890    | 1                        | NR            |
| 375    | 0                        | NR            | 505    | 371                      | NR            | 635    | 788                      | NR            | 765    | 22                       | NR            | 895    | 1                        | NR            |
| 380    | 0                        | NR            | 510    | 431                      | NR            | 640    | 728                      | NR            | 770    | 19                       | NR            | 900    | 1                        | NR            |
| 385    | 0                        | NR            | 515    | 482                      | NR            | 645    | 665                      | NR            | 775    | 16                       | NR            | 905    | 1                        | NR            |
| 390    | 0                        | NR            | 520    | 523                      | NR            | 650    | 603                      | NR            | 780    | 14                       | NR            | 910    | 0                        | NR            |
| 395    | 2                        | NR            | 525    | 553                      | NR            | 655    | 542                      | NR            | 785    | 12                       | NR            | 915    | 0                        | NR            |
| 400    | 4                        | NR            | 530    | 580                      | NR            | 660    | 484                      | NR            | 790    | 11                       | NR            | 920    | 0                        | NR            |
| 405    | 8                        | NR            | 535    | 603                      | NR            | 665    | 430                      | NR            | 795    | 9                        | NR            | 925    | 0                        | NR            |
| 410    | 18                       | NR            | 540    | 622                      | NR            | 670    | 377                      | NR            | 800    | 8                        | NR            | 930    | 0                        | NR            |
| 415    | 36                       | NR            | 545    | 644                      | NR            | 675    | 330                      | NR            | 805    | 7                        | NR            | 935    | 0                        | NR            |
| 420    | 71                       | NR            | 550    | 668                      | NR            | 680    | 289                      | NR            | 810    | 6                        | NR            | 940    | 0                        | NR            |
| 425    | 131                      | NR            | 555    | 693                      | NR            | 685    | 250                      | NR            | 815    | 5                        | NR            | 945    | 0                        | NR            |
| 430    | 215                      | NR            | 560    | 720                      | NR            | 690    | 218                      | NR            | 820    | 4                        | NR            | 950    | 0                        | NR            |
| 435    | 341                      | NR            | 565    | 754                      | NR            | 695    | 188                      | NR            | 825    | 4                        | NR            | 955    | 0                        | NR            |
| 440    | 514                      | NR            | 570    | 792                      | NR            | 700    | 161                      | NR            | 830    | 3                        | NR            | 960    | 0                        | NR            |
| 445    | 576                      | NR            | 575    | 832                      | NR            | 705    | 139                      | NR            | 835    | 3                        | NR            | 965    | 0                        | NR            |
| 450    | 358                      | NR            | 580    | 875                      | NR            | 710    | 119                      | NR            | 840    | 3                        | NR            | 970    | 0                        | NR            |
| 455    | 222                      | NR            | 585    | 913                      | NR            | 715    | 102                      | NR            | 845    | 2                        | NR            | 975    | 0                        | NR            |
| 460    | 170                      | NR            | 590    | 950                      | NR            | 720    | 88                       | NR            | 850    | 2                        | NR            | 980    | 0                        | NR            |
| 465    | 115                      | NR            | 595    | 977                      | NR            | 725    | 76                       | NR            | 855    | 2                        | NR            | 985    | 0                        | NR            |
| 470    | 88                       | NR            | 600    | 994                      | NR            | 730    | 65                       | NR            | 860    | 1                        | NR            | 990    | 0                        | NR            |
| 475    | 87                       | NR            | 605    | 997                      | NR            | 735    | 56                       | NR            | 865    | 1                        | NR            | 995    | 0                        | NR            |
| 480    | 96                       | NR            | 610    | 990                      | NR            | 740    | 47                       | NR            | 870    | 1                        | NR            | 1000   | 0                        | NR            |
| 485    | 122                      | NR            | 615    | 971                      | NR            | 745    | 41                       | NR            | 875    | 1                        | NR            |        |                          |               |

REPORT NUMBER: SP1-2407-184-9

### Melanopic Flux vs. Wavelength


**Melanopic Lumens: NR**
**M/P: 2.33**

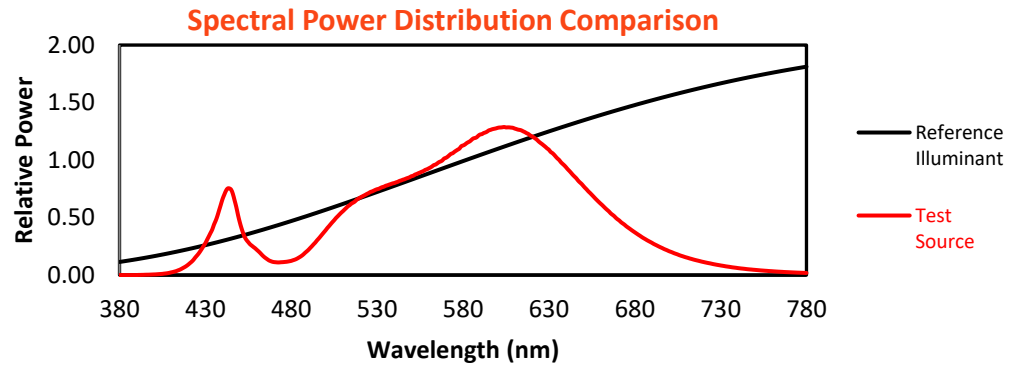
| $\lambda$<br>(nm) | Power<br>$\text{W}^\wedge/\text{nm}$ | Lumens<br>( $\phi/\text{nm}$ ) | $\lambda$<br>(nm) | Power<br>$\text{W}^\wedge/\text{nm}$ | Lumens<br>( $\phi/\text{nm}$ ) | $\lambda$<br>(nm) | Power<br>$\text{W}^\wedge/\text{nm}$ | Lumens<br>( $\phi/\text{nm}$ ) | $\lambda$<br>(nm) | Power<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               | 170                                  | NR                             | 620               | 938                                  | NR                             | 750               | 35                                   | NR                             | 880               | 1                                    | NR                             |
| 365               | 0                                    | NR                             | 495               | 234                                  | NR                             | 625               | 894                                  | NR                             | 755               | 30                                   | NR                             | 885               | 1                                    | NR                             |
| 370               | 0                                    | NR                             | 500               | 302                                  | NR                             | 630               | 847                                  | NR                             | 760               | 26                                   | NR                             | 890               | 1                                    | NR                             |
| 375               | 0                                    | NR                             | 505               | 371                                  | NR                             | 635               | 788                                  | NR                             | 765               | 22                                   | NR                             | 895               | 1                                    | NR                             |
| 380               | 0                                    | NR                             | 510               | 431                                  | NR                             | 640               | 728                                  | NR                             | 770               | 19                                   | NR                             | 900               | 1                                    | NR                             |
| 385               | 0                                    | NR                             | 515               | 482                                  | NR                             | 645               | 665                                  | NR                             | 775               | 16                                   | NR                             | 905               | 1                                    | NR                             |
| 390               | 0                                    | NR                             | 520               | 523                                  | NR                             | 650               | 603                                  | NR                             | 780               | 14                                   | NR                             | 910               | 0                                    | NR                             |
| 395               | 2                                    | NR                             | 525               | 553                                  | NR                             | 655               | 542                                  | NR                             | 785               | 12                                   | NR                             | 915               | 0                                    | NR                             |
| 400               | 4                                    | NR                             | 530               | 580                                  | NR                             | 660               | 484                                  | NR                             | 790               | 11                                   | NR                             | 920               | 0                                    | NR                             |
| 405               | 8                                    | NR                             | 535               | 603                                  | NR                             | 665               | 430                                  | NR                             | 795               | 9                                    | NR                             | 925               | 0                                    | NR                             |
| 410               | 18                                   | NR                             | 540               | 622                                  | NR                             | 670               | 377                                  | NR                             | 800               | 8                                    | NR                             | 930               | 0                                    | NR                             |
| 415               | 36                                   | NR                             | 545               | 644                                  | NR                             | 675               | 330                                  | NR                             | 805               | 7                                    | NR                             | 935               | 0                                    | NR                             |
| 420               | 71                                   | NR                             | 550               | 668                                  | NR                             | 680               | 289                                  | NR                             | 810               | 6                                    | NR                             | 940               | 0                                    | NR                             |
| 425               | 131                                  | NR                             | 555               | 693                                  | NR                             | 685               | 250                                  | NR                             | 815               | 5                                    | NR                             | 945               | 0                                    | NR                             |
| 430               | 215                                  | NR                             | 560               | 720                                  | NR                             | 690               | 218                                  | NR                             | 820               | 4                                    | NR                             | 950               | 0                                    | NR                             |
| 435               | 341                                  | NR                             | 565               | 754                                  | NR                             | 695               | 188                                  | NR                             | 825               | 4                                    | NR                             | 955               | 0                                    | NR                             |
| 440               | 514                                  | NR                             | 570               | 792                                  | NR                             | 700               | 161                                  | NR                             | 830               | 3                                    | NR                             | 960               | 0                                    | NR                             |
| 445               | 576                                  | NR                             | 575               | 832                                  | NR                             | 705               | 139                                  | NR                             | 835               | 3                                    | NR                             | 965               | 0                                    | NR                             |
| 450               | 358                                  | NR                             | 580               | 875                                  | NR                             | 710               | 119                                  | NR                             | 840               | 3                                    | NR                             | 970               | 0                                    | NR                             |
| 455               | 222                                  | NR                             | 585               | 913                                  | NR                             | 715               | 102                                  | NR                             | 845               | 2                                    | NR                             | 975               | 0                                    | NR                             |
| 460               | 170                                  | NR                             | 590               | 950                                  | NR                             | 720               | 88                                   | NR                             | 850               | 2                                    | NR                             | 980               | 0                                    | NR                             |
| 465               | 115                                  | NR                             | 595               | 977                                  | NR                             | 725               | 76                                   | NR                             | 855               | 2                                    | NR                             | 985               | 0                                    | NR                             |
| 470               | 88                                   | NR                             | 600               | 994                                  | NR                             | 730               | 65                                   | NR                             | 860               | 1                                    | NR                             | 990               | 0                                    | NR                             |
| 475               | 87                                   | NR                             | 605               | 997                                  | NR                             | 735               | 56                                   | NR                             | 865               | 1                                    | NR                             | 995               | 0                                    | NR                             |
| 480               | 96                                   | NR                             | 610               | 990                                  | NR                             | 740               | 47                                   | NR                             | 870               | 1                                    | NR                             | 1000              | 0                                    | NR                             |
| 485               | 122                                  | NR                             | 615               | 971                                  | NR                             | 745               | 41                                   | NR                             | 875               | 1                                    | NR                             |                   |                                      |                                |

REPORT NUMBER: SP1-2407-184-9

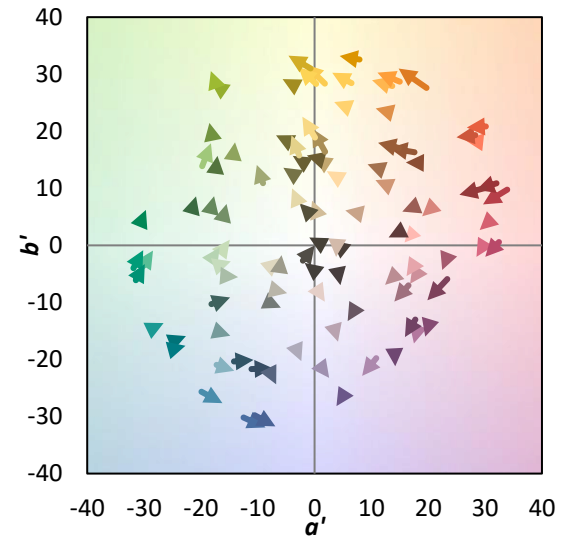
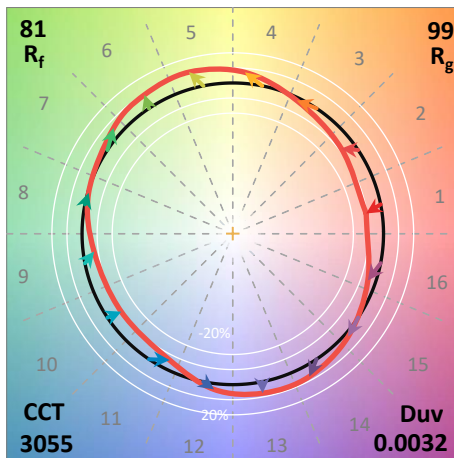
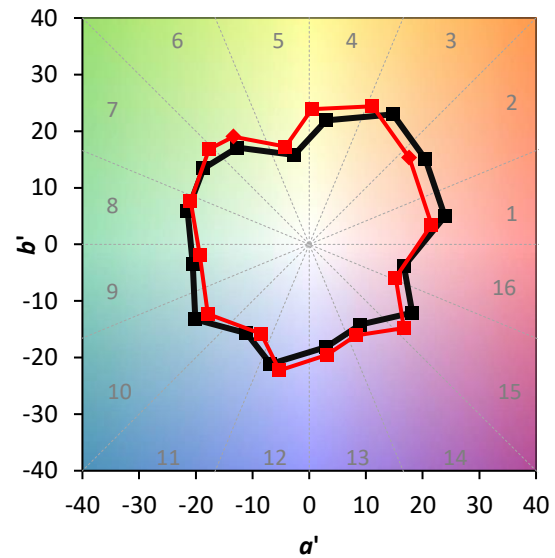
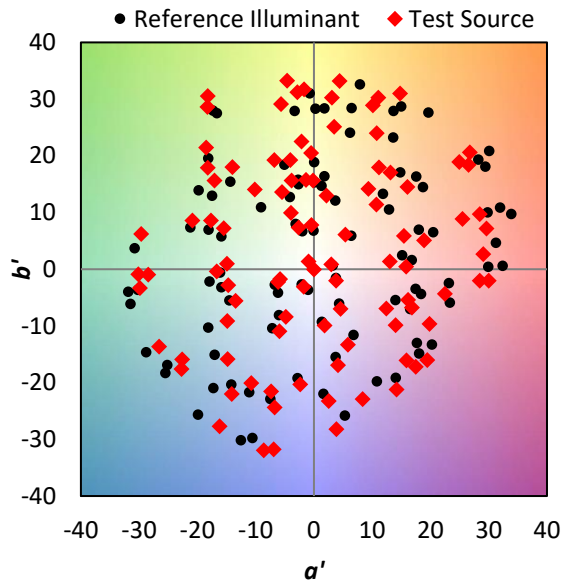
TM-30-18

### Summary

$R_f = 81.5$   
 $R_g = 99.2$   
 $CIE R_a = 80.9$   
 $R_g = 6.8$

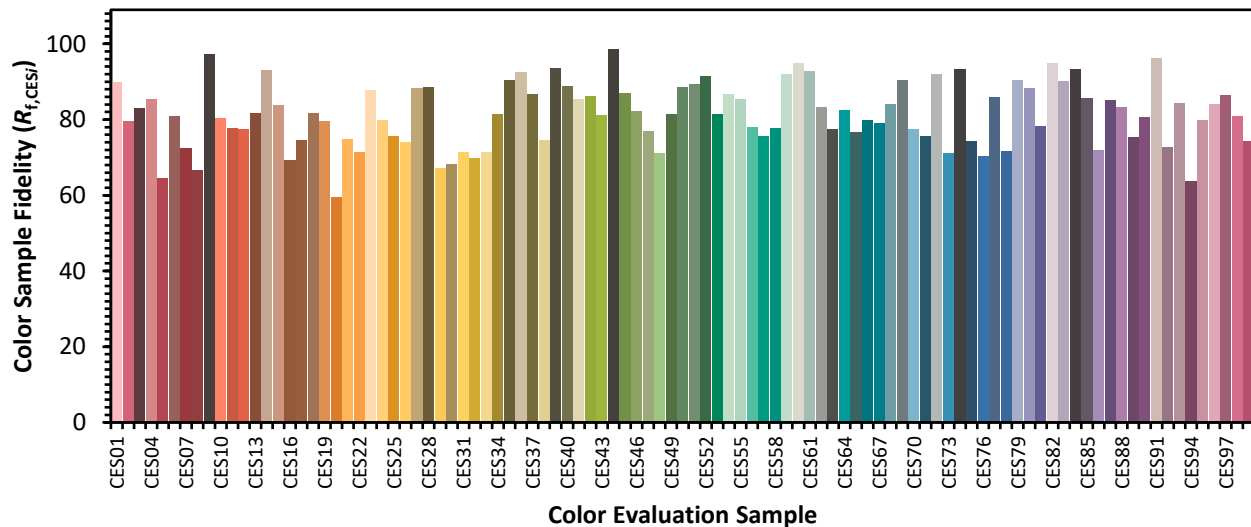


### Color Vector Graphics

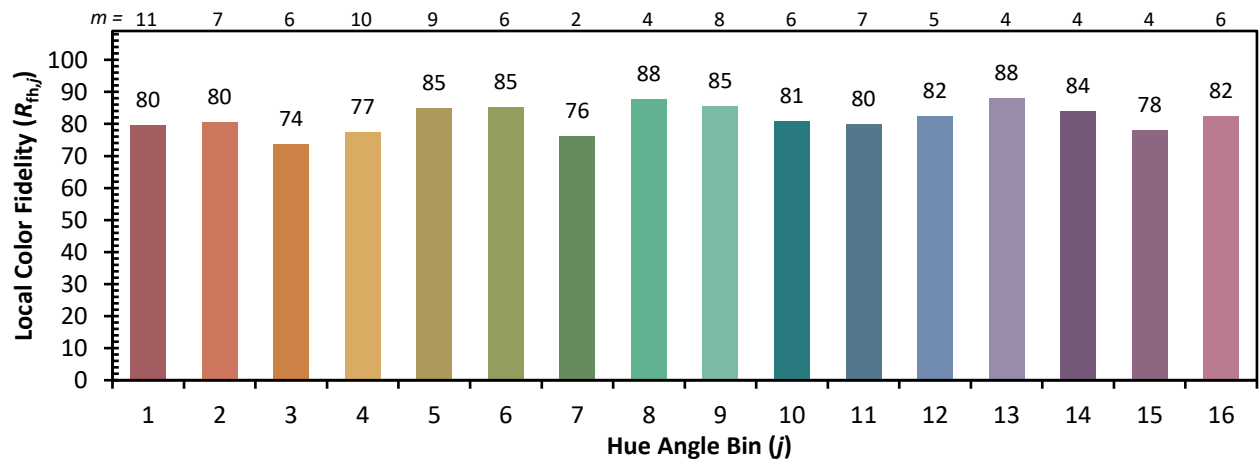
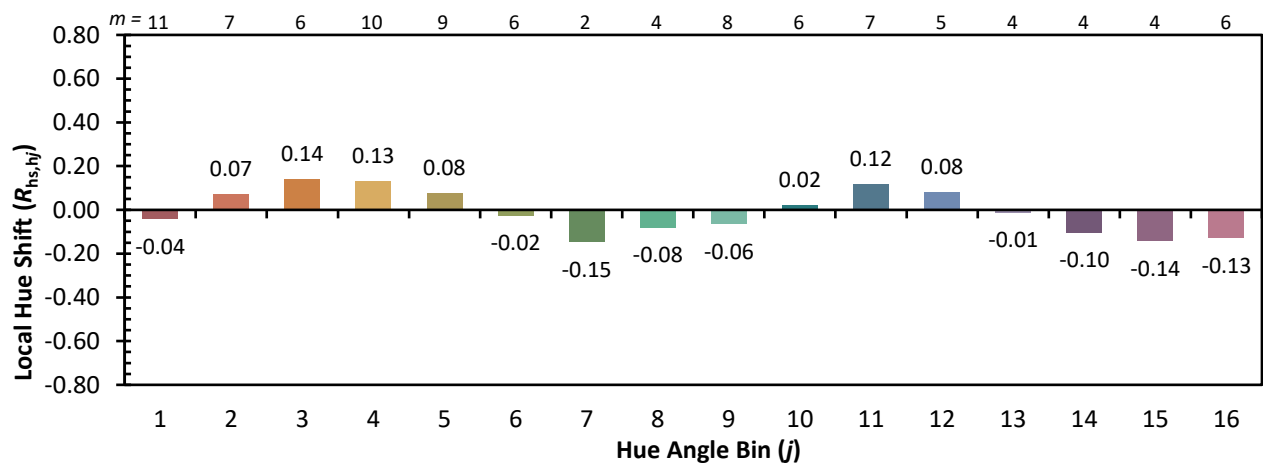
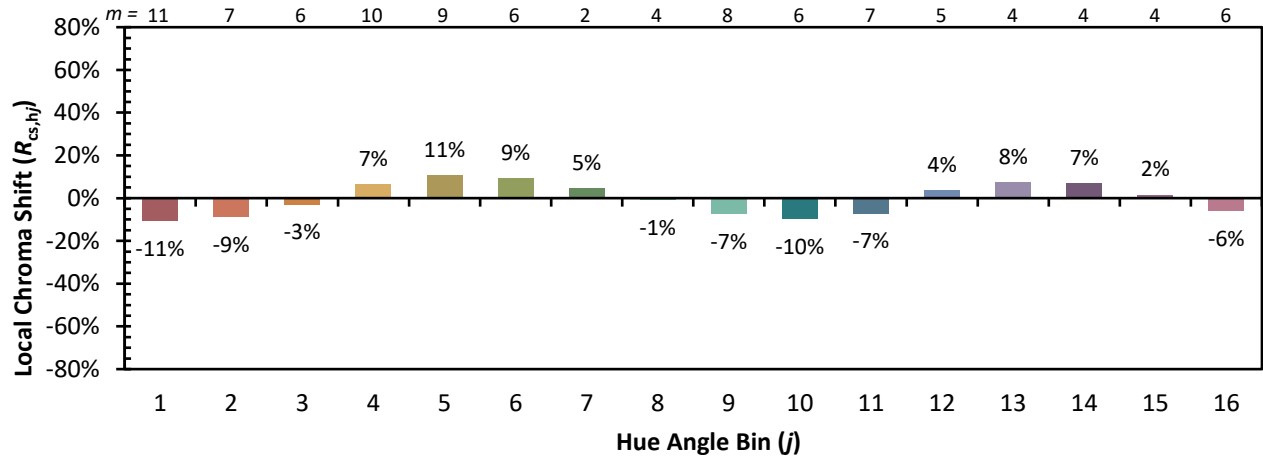


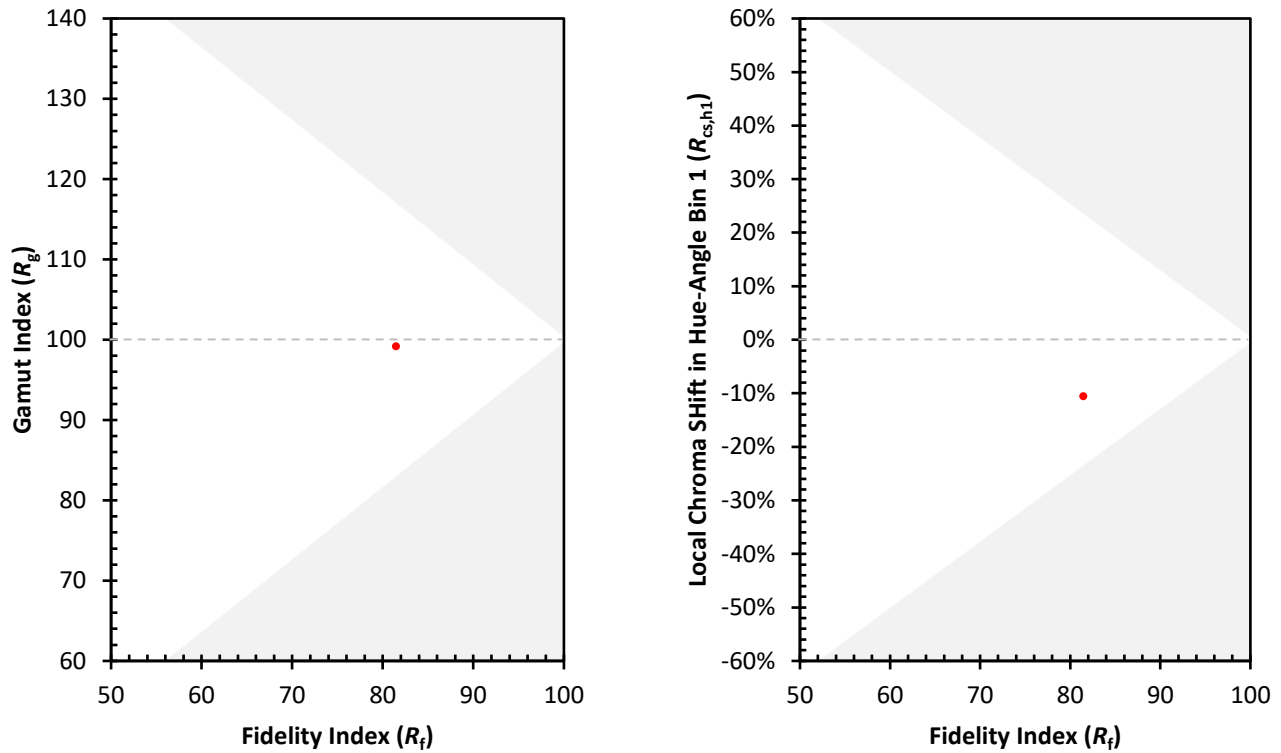
**Individual Sample Fidelity Index ( $R_{f,i}$ )**

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



Color Rendition by Hue-Angle Bin



**Measure Comparisons**


(END OF REPORT)