

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: STREETWORKS

Report Number: P1064858

Luminaire Tested: **GLAN-SA4B-840-U-RBC**

Issue Date: 08/07/2025

**Test Information**

Test Method: LM-79-08  
Report Number: P1064858  
Test Lab: INNOVATION CENTER(G3)  
Issue Date: 08/07/2025  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: GLAN-SA4B-840-U-RBC  
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 800mA 4xLight Square PACKAGE  
80CRI 4000K FIXTURE w/ RIGHT CORNER BACKLIGHT CONTROL  
Light Source: (56) 4000K CCT, 80 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 14978.1 lumens  
Efficiency: N/A  
Efficacy: 103.9 lumens/watt  
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')  
IES Classification: Type III - Short  
BUG Rating: B0 - U0 - G3

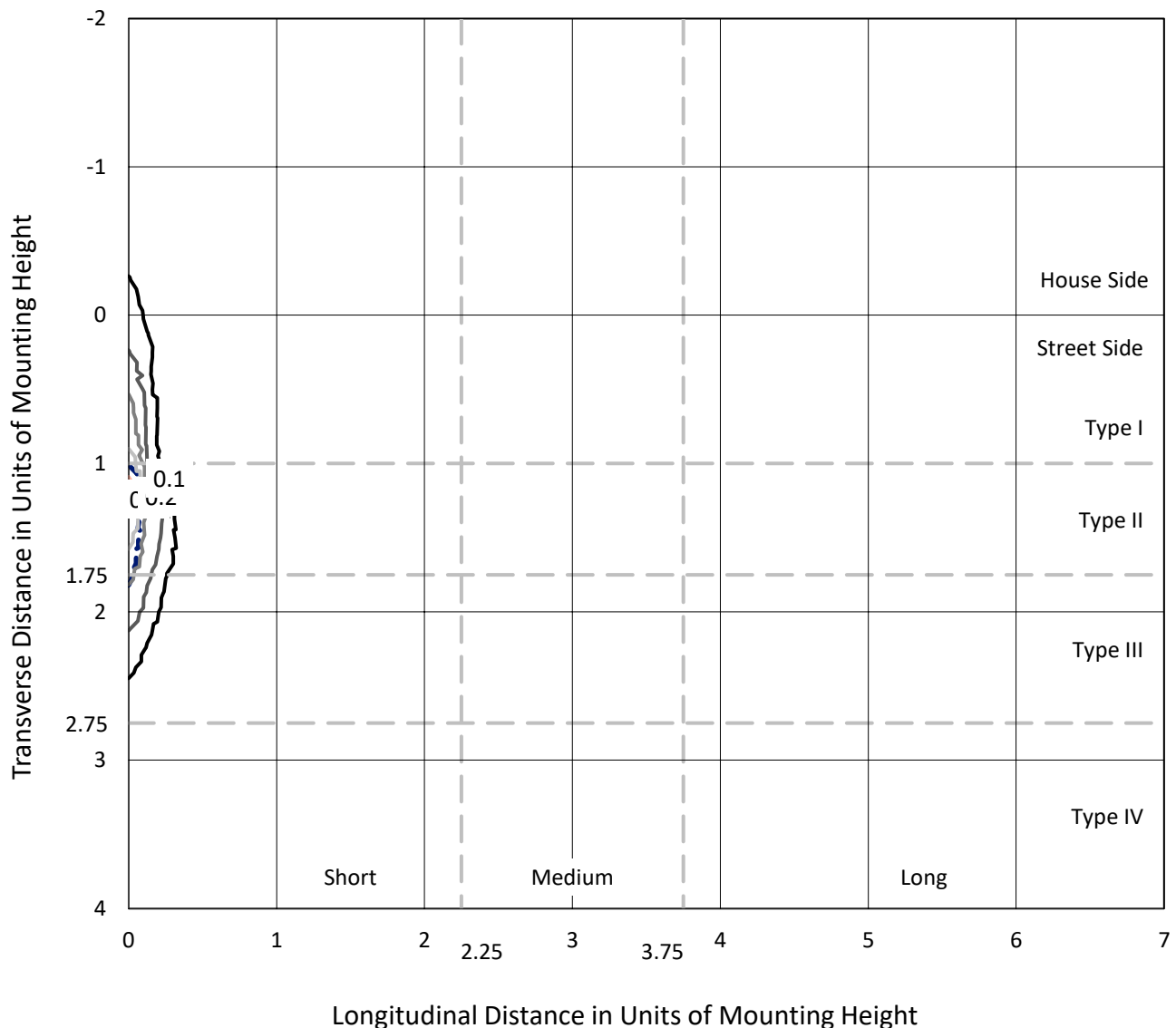
Input Watts (W): 144.1  
Input Voltage (V): 120  
Input Current (A<sub>in</sub>): NR  
Voltage Rise (V): NR  
Power Factor: 0.97  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 28.75 FT

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## Iso-Footcandle Lines of Horizontal Illumination

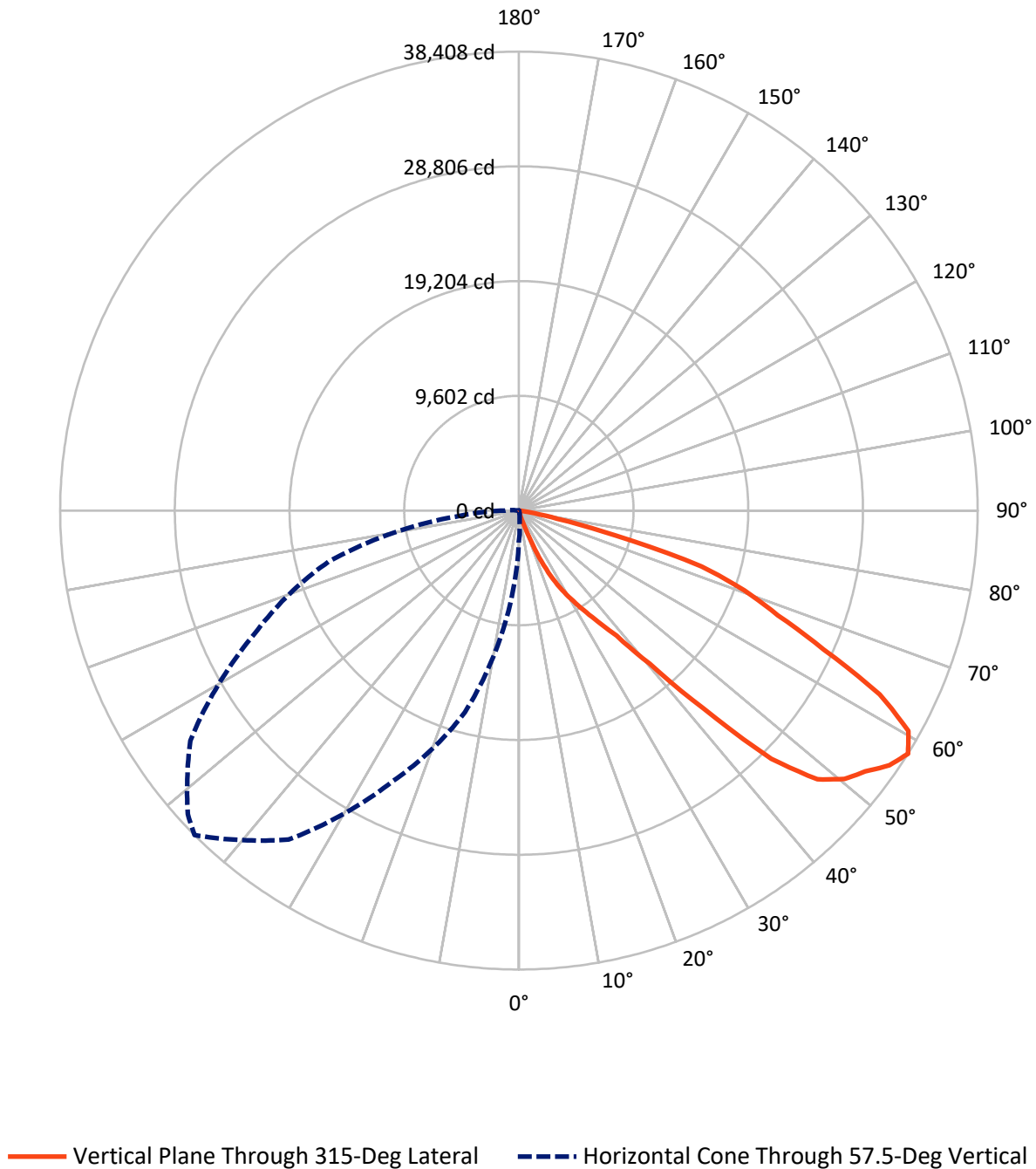
× Max cd  
 - - - 1/2 Max cd



Based on 20 foot mounting height. Maximum calculated value = 2.2 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    | 75.0     | 0.0    | 75.0    |
|                    | % Fixture | 0.5      | 0.0    | 0.5     |
| <b>Street Side</b> | Lumens    | 14903.1  | 0.0    | 14903.1 |
|                    | % Fixture | 99.5     | 0.0    | 99.5    |
| <b>Total</b>       | Lumens    | 14978.1  | 0.0    | 14978.1 |
|                    | % Fixture | 100.0    | 0.0    | 100.0   |

**Coefficient of Utilization**

**ZONAL LUMENS:**

| Zone      | Lumens  | % Fixture |
|-----------|---------|-----------|
| 0°-10°    | 5.9     | 0.0       |
| 10°-20°   | 32.9    | 0.2       |
| 20°-30°   | 355.0   | 2.4       |
| 30°-40°   | 1049.7  | 7.0       |
| 40°-50°   | 3128.3  | 20.9      |
| 50°-60°   | 4960.4  | 33.1      |
| 60°-70°   | 4140.7  | 27.6      |
| 70°-80°   | 1276.8  | 8.5       |
| 80°-90°   | 28.4    | 0.2       |
| 90°-100°  | 0.0     | 0.0       |
| 100°-110° | 0.0     | 0.0       |
| 110°-120° | 0.0     | 0.0       |
| 120°-130° | 0.0     | 0.0       |
| 130°-140° | 0.0     | 0.0       |
| 140°-150° | 0.0     | 0.0       |
| 150°-160° | 0.0     | 0.0       |
| 160°-170° | 0.0     | 0.0       |
| 170°-180° | 0.0     | 0.0       |
| 0°-90°    | 14978.1 | 100.0     |
| 0°-180°   | 14978.1 | 100.0     |



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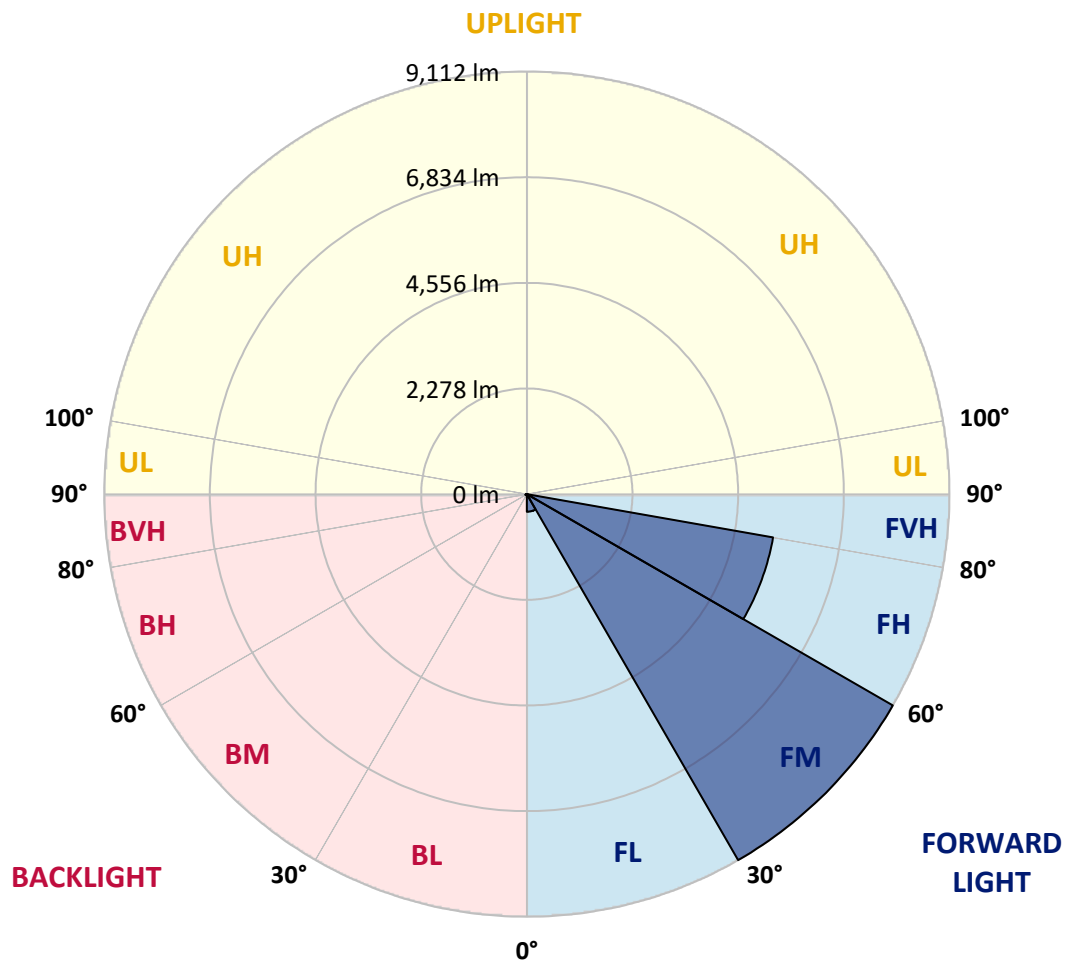
CATALOG NUMBER: GLAN-SA4B-840-U-RBC

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

| Zone |             | Lumens | % Fixture | Zone Rating/Lumen Limit |      |         |
|------|-------------|--------|-----------|-------------------------|------|---------|
|      |             |        |           | B                       | U    | G       |
| FL   | (0°-30°)    | 380.0  | 2.5       |                         |      |         |
| FM   | (30°-60°)   | 911.6  | 60.8      |                         |      |         |
| FH   | (60°-80°)   | 5389.6 | 36.0      |                         |      | G3/7500 |
| FVH  | (80°-90°)   | 22.0   | 0.1       |                         |      | G1/100  |
| BL   | (0°-30°)    | 13.8   | 0.1       | B0/110                  |      |         |
| BM   | (30°-60°)   | 26.8   | 0.2       | B0/220                  |      |         |
| BH   | (60°-80°)   | 28.0   | 0.2       | B0/110                  |      | G0/110  |
| BVH  | (80°-90°)   | 6.4    | 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-G3**

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°     | 65.6   | 65.6   | 65.6  | 65.6  | 65.6  | 65.6  | 65.6  | 65.6  | 65.6  | 65.6  |
| 2.5°   | 60.0   | 60.0   | 60.0  | 60.0  | 58.9  | 58.9  | 57.7  | 57.7  | 56.6  | 56.6  |
| 5°     | 63.4   | 63.4   | 62.3  | 61.1  | 61.1  | 60.0  | 58.9  | 57.7  | 57.7  | 56.6  |
| 7.5°   | 69.0   | 67.9   | 66.8  | 65.6  | 63.4  | 62.3  | 60.0  | 58.9  | 57.7  | 55.5  |
| 10°    | 75.8   | 73.6   | 71.3  | 69.0  | 66.8  | 64.5  | 62.3  | 61.1  | 58.9  | 57.7  |
| 12.5°  | 84.9   | 81.5   | 77.0  | 73.6  | 71.3  | 67.9  | 65.6  | 63.4  | 60.0  | 57.7  |
| 15°    | 92.8   | 88.3   | 82.6  | 78.1  | 74.7  | 70.2  | 66.8  | 63.4  | 61.1  | 57.7  |
| 17.5°  | 104.1  | 96.2   | 87.2  | 81.5  | 77.0  | 71.3  | 65.6  | 62.3  | 58.9  | 54.3  |
| 20°    | 123.4  | 107.5  | 90.6  | 83.8  | 77.0  | 70.2  | 63.4  | 58.9  | 55.5  | 50.9  |
| 22.5°  | 153.9  | 126.8  | 99.6  | 89.4  | 80.4  | 70.2  | 61.1  | 56.6  | 52.1  | 47.5  |
| 25°    | 212.8  | 164.1  | 115.5 | 101.9 | 88.3  | 74.7  | 61.1  | 55.5  | 50.9  | 45.3  |
| 27.5°  | 283.0  | 210.5  | 137.0 | 117.7 | 99.6  | 80.4  | 61.1  | 54.3  | 48.7  | 41.9  |
| 30°    | 354.3  | 258.1  | 160.7 | 135.8 | 110.9 | 86.0  | 61.1  | 53.2  | 46.4  | 38.5  |
| 32.5°  | 422.2  | 302.2  | 181.1 | 151.7 | 122.2 | 91.7  | 62.3  | 53.2  | 44.1  | 35.1  |
| 35°    | 491.2  | 338.4  | 184.5 | 153.9 | 123.4 | 91.7  | 61.1  | 50.9  | 41.9  | 31.7  |
| 37.5°  | 579.5  | 379.2  | 177.7 | 147.1 | 117.7 | 87.2  | 57.7  | 48.7  | 39.6  | 29.4  |
| 40°    | 713.1  | 447.1  | 181.1 | 149.4 | 117.7 | 86.0  | 54.3  | 45.3  | 37.4  | 28.3  |
| 42.5°  | 959.8  | 578.4  | 195.8 | 159.6 | 123.4 | 86.0  | 49.8  | 41.9  | 35.1  | 27.2  |
| 45°    | 1659.3 | 961.0  | 262.6 | 208.3 | 153.9 | 99.6  | 45.3  | 38.5  | 32.8  | 26.0  |
| 47.5°  | 2744.8 | 1608.4 | 472.0 | 364.5 | 258.1 | 150.5 | 44.1  | 38.5  | 32.8  | 26.0  |
| 50°    | 3503.2 | 2048.7 | 594.2 | 457.3 | 320.3 | 183.4 | 46.4  | 39.6  | 34.0  | 27.2  |
| 52.5°  | 3497.5 | 2080.4 | 662.2 | 508.2 | 355.4 | 201.5 | 48.7  | 41.9  | 36.2  | 29.4  |
| 55°    | 3109.3 | 1892.5 | 674.6 | 518.4 | 363.3 | 207.1 | 52.1  | 45.3  | 38.5  | 31.7  |
| 57.5°  | 2598.8 | 1607.3 | 615.7 | 476.5 | 338.4 | 199.2 | 60.0  | 52.1  | 45.3  | 37.4  |
| 60°    | 2055.5 | 1267.7 | 479.9 | 379.2 | 279.6 | 178.8 | 79.2  | 69.0  | 60.0  | 49.8  |
| 62.5°  | 1419.4 | 919.1  | 418.8 | 336.2 | 254.7 | 172.0 | 90.6  | 80.4  | 71.3  | 61.1  |
| 65°    | 1004.0 | 691.6  | 378.0 | 307.9 | 238.8 | 168.7 | 98.5  | 87.2  | 77.0  | 65.6  |
| 67.5°  | 750.4  | 550.1  | 348.6 | 288.6 | 228.6 | 168.7 | 108.7 | 95.1  | 82.6  | 69.0  |
| 70°    | 575.0  | 451.6  | 327.1 | 278.4 | 230.9 | 182.2 | 133.6 | 114.3 | 96.2  | 77.0  |
| 72.5°  | 468.6  | 386.0  | 302.2 | 267.1 | 232.0 | 196.9 | 161.9 | 137.0 | 112.1 | 86.0  |
| 75°    | 388.2  | 330.5  | 272.8 | 243.4 | 215.1 | 185.6 | 156.2 | 133.6 | 112.1 | 89.4  |
| 77.5°  | 258.1  | 235.4  | 211.7 | 194.7 | 177.7 | 159.6 | 142.6 | 123.4 | 105.3 | 86.0  |
| 80°    | 90.6   | 87.2   | 83.8  | 90.6  | 97.3  | 104.1 | 110.9 | 97.3  | 84.9  | 71.3  |
| 82.5°  | 13.6   | 12.5   | 11.3  | 12.5  | 13.6  | 14.7  | 15.8  | 17.0  | 18.1  | 19.2  |
| 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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CATALOG NUMBER: GLAN-SA4B-840-U-RBC

**CANDELA DISTRIBUTION (continued):**

[illegible]



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**CANDELA DISTRIBUTION (continued):**

| 25° |        | 27.5° | 30°  | 32.5° | 35°  | 37.5° | 40°  | 42.5° | 45°  | 47.5° | 50°  |
|-----|--------|-------|------|-------|------|-------|------|-------|------|-------|------|
| 0.0 | 0°     | 65.6  | 65.6 | 65.6  | 65.6 | 65.6  | 65.6 | 65.6  | 65.6 | 65.6  | 65.6 |
| 0.0 | 2.5°   | 55.5  | 55.5 | 54.3  | 54.3 | 54.3  | 53.2 | 53.2  | 52.1 | 52.1  | 52.1 |
| 0.0 | 5°     | 54.3  | 54.3 | 53.2  | 52.1 | 50.9  | 50.9 | 49.8  | 48.7 | 48.7  | 47.5 |
| 0.0 | 7.5°   | 53.2  | 52.1 | 50.9  | 49.8 | 48.7  | 47.5 | 46.4  | 45.3 | 45.3  | 44.1 |
| 0.0 | 10°    | 54.3  | 52.1 | 50.9  | 48.7 | 47.5  | 46.4 | 44.1  | 43.0 | 41.9  | 41.9 |
| 0.0 | 12.5°  | 52.1  | 50.9 | 48.7  | 46.4 | 45.3  | 43.0 | 41.9  | 39.6 | 38.5  | 38.5 |
| 0.0 | 15°    | 52.1  | 49.8 | 46.4  | 44.1 | 41.9  | 40.7 | 38.5  | 36.2 | 35.1  | 34.0 |
| 0.0 | 17.5°  | 48.7  | 46.4 | 43.0  | 40.7 | 38.5  | 36.2 | 34.0  | 31.7 | 30.6  | 29.4 |
| 0.0 | 20°    | 44.1  | 41.9 | 38.5  | 35.1 | 32.8  | 30.6 | 28.3  | 26.0 | 24.9  | 23.8 |
| 0.0 | 22.5°  | 39.6  | 37.4 | 34.0  | 30.6 | 28.3  | 26.0 | 22.6  | 20.4 | 19.2  | 17.0 |
| 0.0 | 25°    | 37.4  | 34.0 | 30.6  | 27.2 | 23.8  | 21.5 | 18.1  | 14.7 | 12.5  | 10.2 |
| 0.0 | 27.5°  | 31.7  | 28.3 | 24.9  | 21.5 | 18.1  | 14.7 | 11.3  | 7.9  | 5.7   | 4.5  |
| 0.0 | 30°    | 27.2  | 23.8 | 20.4  | 17.0 | 12.5  | 9.1  | 5.7   | 1.1  | 1.1   | 1.1  |
| 0.0 | 32.5°  | 22.6  | 19.2 | 14.7  | 11.3 | 9.1   | 5.7  | 3.4   | 0.0  | 0.0   | 0.0  |
| 0.0 | 35°    | 18.1  | 14.7 | 10.2  | 6.8  | 5.7   | 3.4  | 2.3   | 0.0  | 0.0   | 0.0  |
| 0.0 | 37.5°  | 15.8  | 12.5 | 7.9   | 3.4  | 2.3   | 2.3  | 1.1   | 0.0  | 0.0   | 0.0  |
| 0.0 | 40°    | 14.7  | 10.2 | 5.7   | 1.1  | 1.1   | 1.1  | 0.0   | 0.0  | 0.0   | 0.0  |
| 0.0 | 42.5°  | 14.7  | 10.2 | 4.5   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  |
| 0.0 | 45°    | 14.7  | 10.2 | 4.5   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  |
| 0.0 | 47.5°  | 14.7  | 10.2 | 4.5   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  |
| 0.0 | 50°    | 15.8  | 11.3 | 5.7   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  |
| 0.0 | 52.5°  | 18.1  | 13.6 | 9.1   | 4.5  | 3.4   | 2.3  | 1.1   | 0.0  | 0.0   | 0.0  |
| 0.0 | 55°    | 22.6  | 20.4 | 17.0  | 14.7 | 11.3  | 7.9  | 3.4   | 0.0  | 0.0   | 0.0  |
| 0.0 | 57.5°  | 29.4  | 29.4 | 28.3  | 27.2 | 20.4  | 13.6 | 6.8   | 0.0  | 0.0   | 0.0  |
| 0.0 | 60°    | 39.6  | 39.6 | 39.6  | 39.6 | 29.4  | 20.4 | 10.2  | 0.0  | 0.0   | 0.0  |
| 0.0 | 62.5°  | 48.7  | 46.4 | 43.0  | 40.7 | 30.6  | 20.4 | 10.2  | 0.0  | 0.0   | 0.0  |
| 0.0 | 65°    | 48.7  | 44.1 | 38.5  | 32.8 | 24.9  | 17.0 | 7.9   | 0.0  | 0.0   | 0.0  |
| 0.0 | 67.5°  | 45.3  | 36.2 | 26.0  | 17.0 | 12.5  | 9.1  | 4.5   | 0.0  | 0.0   | 0.0  |
|     | 70°    | 45.3  | 31.7 | 18.1  | 4.5  | 3.4   | 2.3  | 1.1   | 0.0  | 0.0   | 0.0  |
|     | 72.5°  | 45.3  | 30.6 | 14.7  | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  |
|     | 75°    | 49.8  | 34.0 | 17.0  | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  |
|     | 77.5°  | 49.8  | 34.0 | 17.0  | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  |
|     | 80°    | 44.1  | 29.4 | 14.7  | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  |
|     | 82.5°  | 14.7  | 10.2 | 4.5   | 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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CATALOG NUMBER: GLAN-SA4B-840-U-RBC

**CANDELA DISTRIBUTION (continued):**

| 52.5° |        | 55°  | 57.5° | 60°  | 62.5° | 65°  | 67.5° | 70°  | 72.5° | 75°  | 77.5° |
|-------|--------|------|-------|------|-------|------|-------|------|-------|------|-------|
| 0.0   | 0°     | 65.6 | 65.6  | 65.6 | 65.6  | 65.6 | 65.6  | 65.6 | 65.6  | 65.6 | 65.6  |
| 0.0   | 2.5°   | 50.9 | 50.9  | 50.9 | 49.8  | 49.8 | 49.8  | 49.8 | 48.7  | 48.7 | 48.7  |
| 0.0   | 5°     | 46.4 | 46.4  | 45.3 | 45.3  | 44.1 | 44.1  | 43.0 | 43.0  | 41.9 | 41.9  |
| 0.0   | 7.5°   | 43.0 | 41.9  | 41.9 | 40.7  | 39.6 | 39.6  | 38.5 | 38.5  | 37.4 | 36.2  |
| 0.0   | 10°    | 39.6 | 38.5  | 38.5 | 37.4  | 36.2 | 35.1  | 35.1 | 34.0  | 32.8 | 31.7  |
| 0.0   | 12.5°  | 36.2 | 35.1  | 34.0 | 32.8  | 31.7 | 30.6  | 30.6 | 29.4  | 28.3 | 27.2  |
| 0.0   | 15°    | 31.7 | 30.6  | 29.4 | 28.3  | 27.2 | 26.0  | 26.0 | 24.9  | 23.8 | 22.6  |
| 0.0   | 17.5°  | 27.2 | 26.0  | 26.0 | 24.9  | 23.8 | 22.6  | 21.5 | 19.2  | 18.1 | 17.0  |
| 0.0   | 20°    | 20.4 | 19.2  | 18.1 | 17.0  | 15.8 | 13.6  | 12.5 | 10.2  | 7.9  | 6.8   |
| 0.0   | 22.5°  | 13.6 | 11.3  | 10.2 | 7.9   | 5.7  | 4.5   | 3.4  | 1.1   | 0.0  | 0.0   |
| 0.0   | 25°    | 4.5  | 3.4   | 2.3  | 1.1   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   |
| 0.0   | 27.5°  | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   |
| 0.0   | 30°    | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   |
| 0.0   | 32.5°  | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   |
| 0.0   | 35°    | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   |
| 0.0   | 37.5°  | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   |
| 0.0   | 40°    | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   |
| 0.0   | 42.5°  | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   |
| 0.0   | 45°    | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   |
| 0.0   | 47.5°  | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   |
| 0.0   | 50°    | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   |
| 0.0   | 52.5°  | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   |
| 0.0   | 55°    | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   |
| 0.0   | 57.5°  | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   |
| 0.0   | 60°    | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   |
| 0.0   | 62.5°  | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   |
| 0.0   | 65°    | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   |
| 0.0   | 67.5°  | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   |
| 0.0   | 70°    | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   |
| 0.0   | 72.5°  | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   |
| 0.0   | 75°    | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   |
| 0.0   | 77.5°  | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   |
| 0.0   | 80°    | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   |
| 0.0   | 82.5°  | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   |
| 0.0   | 85°    | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   |
| 0.0   | 87.5°  | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   |
| 0.0   | 90°    | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   |
| 0.0   | 92.5°  | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   |
| 0.0   | 95°    | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   |
| 0.0   | 97.5°  | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   |
| 0.0   | 100°   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   |
| 0.0   | 102.5° | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   |
| 0.0   | 105°   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   |
| 0.0   | 107.5° | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   |
| 0.0   | 110°   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   |



REPORT NUMBER: P1064858

CATALOG NUMBER: GLAN-SA4B-840-U-RBC

**CANDELA DISTRIBUTION (continued):**

[illegible]



REPORT NUMBER: P1064858

CATALOG NUMBER: GLAN-SA4B-840-U-RBC

**CANDELA DISTRIBUTION (continued):**

| 80° |        | 82.5° | 85°  | 87.5° | 90°  | 92.5° | 95°  | 97.5° | 100° | 102.5° | 105° |
|-----|--------|-------|------|-------|------|-------|------|-------|------|--------|------|
| 0.0 | 0°     | 65.6  | 65.6 | 65.6  | 65.6 | 65.6  | 65.6 | 65.6  | 65.6 | 65.6   | 65.6 |
| 0.0 | 2.5°   | 47.5  | 47.5 | 47.5  | 46.4 | 46.4  | 46.4 | 46.4  | 46.4 | 46.4   | 46.4 |
| 0.0 | 5°     | 40.7  | 40.7 | 40.7  | 39.6 | 39.6  | 38.5 | 38.5  | 38.5 | 37.4   | 37.4 |
| 0.0 | 7.5°   | 35.1  | 34.0 | 34.0  | 32.8 | 32.8  | 31.7 | 31.7  | 31.7 | 30.6   | 30.6 |
| 0.0 | 10°    | 29.4  | 28.3 | 28.3  | 27.2 | 27.2  | 26.0 | 26.0  | 24.9 | 24.9   | 23.8 |
| 0.0 | 12.5°  | 26.0  | 24.9 | 23.8  | 22.6 | 22.6  | 21.5 | 20.4  | 20.4 | 19.2   | 18.1 |
| 0.0 | 15°    | 20.4  | 19.2 | 18.1  | 17.0 | 15.8  | 14.7 | 13.6  | 13.6 | 12.5   | 11.3 |
| 0.0 | 17.5°  | 13.6  | 11.3 | 10.2  | 9.1  | 9.1   | 7.9  | 6.8   | 5.7  | 4.5    | 3.4  |
| 0.0 | 20°    | 3.4   | 2.3  | 1.1   | 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  |

CATALOG NUMBER: GLAN-SA4B-840-U-RBC

[illegible]

REPORT NUMBER: P1064858

CATALOG NUMBER: GLAN-SA4B-840-U-RBC

**CANDELA DISTRIBUTION (continued):**

| 107.5° |        | 110° | 112.5° | 115° | 117.5° | 120° | 122.5° | 125° | 127.5° | 130° | 132.5° |
|--------|--------|------|--------|------|--------|------|--------|------|--------|------|--------|
| 0.0    | 0°     | 65.6 | 65.6   | 65.6 | 65.6   | 65.6 | 65.6   | 65.6 | 65.6   | 65.6 | 65.6   |
| 0.0    | 2.5°   | 46.4 | 45.3   | 45.3 | 45.3   | 46.4 | 46.4   | 46.4 | 46.4   | 46.4 | 46.4   |
| 0.0    | 5°     | 37.4 | 36.2   | 36.2 | 36.2   | 36.2 | 36.2   | 36.2 | 36.2   | 36.2 | 36.2   |
| 0.0    | 7.5°   | 30.6 | 29.4   | 29.4 | 29.4   | 29.4 | 28.3   | 28.3 | 28.3   | 28.3 | 28.3   |
| 0.0    | 10°    | 23.8 | 22.6   | 22.6 | 22.6   | 22.6 | 21.5   | 21.5 | 21.5   | 21.5 | 21.5   |
| 0.0    | 12.5°  | 17.0 | 17.0   | 15.8 | 15.8   | 15.8 | 14.7   | 14.7 | 14.7   | 14.7 | 13.6   |
| 0.0    | 15°    | 10.2 | 9.1    | 7.9  | 7.9    | 7.9  | 6.8    | 6.8  | 6.8    | 6.8  | 5.7    |
| 0.0    | 17.5°  | 2.3  | 2.3    | 1.1  | 1.1    | 1.1  | 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: P1064858

CATALOG NUMBER: GLAN-SA4B-840-U-RBC

**CANDELA DISTRIBUTION (continued):**

[illegible]

REPORT NUMBER: P1064858

CATALOG NUMBER: GLAN-SA4B-840-U-RBC

**CANDELA DISTRIBUTION (continued):**

| 135° |        | 137.5° | 140° | 142.5° | 145° | 147.5° | 150° | 152.5° | 155° | 157.5° | 160° |
|------|--------|--------|------|--------|------|--------|------|--------|------|--------|------|
| 0.0  | 0°     | 65.6   | 65.6 | 65.6   | 65.6 | 65.6   | 65.6 | 65.6   | 65.6 | 65.6   | 65.6 |
| 0.0  | 2.5°   | 47.5   | 47.5 | 48.7   | 48.7 | 49.8   | 52.1 | 53.2   | 54.3 | 56.6   | 58.9 |
| 0.0  | 5°     | 37.4   | 38.5 | 38.5   | 39.6 | 40.7   | 41.9 | 43.0   | 44.1 | 46.4   | 48.7 |
| 0.0  | 7.5°   | 29.4   | 29.4 | 30.6   | 30.6 | 31.7   | 34.0 | 35.1   | 36.2 | 38.5   | 41.9 |
| 0.0  | 10°    | 22.6   | 22.6 | 23.8   | 23.8 | 24.9   | 27.2 | 28.3   | 29.4 | 31.7   | 35.1 |
| 0.0  | 12.5°  | 14.7   | 15.8 | 15.8   | 17.0 | 18.1   | 20.4 | 21.5   | 22.6 | 24.9   | 27.2 |
| 0.0  | 15°    | 6.8    | 7.9  | 7.9    | 9.1  | 10.2   | 12.5 | 13.6   | 14.7 | 17.0   | 20.4 |
| 0.0  | 17.5°  | 1.1    | 1.1  | 2.3    | 2.3  | 3.4    | 4.5  | 5.7    | 6.8  | 10.2   | 12.5 |
| 0.0  | 20°    | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 2.3    | 4.5  |
| 0.0  | 22.5°  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 1.1  |
| 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: P1064858

CATALOG NUMBER: GLAN-SA4B-840-U-RBC

**CANDELA DISTRIBUTION (continued):**

[illegible]

REPORT NUMBER: P1064858

CATALOG NUMBER: GLAN-SA4B-840-U-RBC

**CANDELA DISTRIBUTION (continued):**

| 162.5° |        | 165° | 167.5° | 170° | 172.5° | 175° | 177.5° | 180° | 182.5° | 185° | 187.5° |
|--------|--------|------|--------|------|--------|------|--------|------|--------|------|--------|
| 0.0    | 0°     | 65.6 | 65.6   | 65.6 | 65.6   | 65.6 | 65.6   | 65.6 | 65.6   | 65.6 | 65.6   |
| 0.0    | 2.5°   | 62.3 | 64.5   | 66.8 | 69.0   | 71.3 | 73.6   | 74.7 | 77.0   | 78.1 | 79.2   |
| 0.0    | 5°     | 53.2 | 55.5   | 58.9 | 61.1   | 63.4 | 65.6   | 67.9 | 69.0   | 70.2 | 71.3   |
| 0.0    | 7.5°   | 46.4 | 48.7   | 52.1 | 54.3   | 56.6 | 58.9   | 61.1 | 63.4   | 64.5 | 65.6   |
| 0.0    | 10°    | 39.6 | 43.0   | 45.3 | 48.7   | 50.9 | 53.2   | 55.5 | 57.7   | 60.0 | 61.1   |
| 0.0    | 12.5°  | 31.7 | 35.1   | 38.5 | 40.7   | 44.1 | 47.5   | 49.8 | 52.1   | 54.3 | 56.6   |
| 0.0    | 15°    | 24.9 | 28.3   | 31.7 | 34.0   | 37.4 | 40.7   | 44.1 | 46.4   | 48.7 | 50.9   |
| 0.0    | 17.5°  | 18.1 | 21.5   | 24.9 | 27.2   | 30.6 | 34.0   | 36.2 | 39.6   | 41.9 | 44.1   |
| 0.0    | 20°    | 9.1  | 12.5   | 15.8 | 19.2   | 22.6 | 26.0   | 28.3 | 31.7   | 34.0 | 36.2   |
| 0.0    | 22.5°  | 1.1  | 4.5    | 7.9  | 10.2   | 13.6 | 17.0   | 19.2 | 22.6   | 24.9 | 27.2   |
| 0.0    | 25°    | 0.0  | 1.1    | 3.4  | 4.5    | 5.7  | 7.9    | 10.2 | 12.5   | 14.7 | 17.0   |
| 0.0    | 27.5°  | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 1.1    | 2.3  | 4.5    | 6.8  | 9.1    |
| 0.0    | 30°    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 2.3    |
| 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  | 1.1    |
|        | 82.5°  | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 1.1    | 1.1  | 2.3    |
|        | 85°    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 2.3    | 3.4  | 5.7    | 6.8  | 7.9    |
|        | 87.5°  | 0.0  | 1.1    | 2.3  | 3.4    | 4.5  | 6.8    | 9.1  | 11.3   | 12.5 | 13.6   |
|        | 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    |

CATALOG NUMBER: GLAN-SA4B-840-U-RBC

**CANDELA DISTRIBUTION (continued):**

[illegible]



REPORT NUMBER: P1064858

CATALOG NUMBER: GLAN-SA4B-840-U-RBC

**CANDELA DISTRIBUTION (continued):**

| 190° |        | 192.5° | 195° | 197.5° | 200° | 202.5° | 205° | 207.5° | 210° | 212.5° | 215° |
|------|--------|--------|------|--------|------|--------|------|--------|------|--------|------|
| 0.0  | 0°     | 65.6   | 65.6 | 65.6   | 65.6 | 65.6   | 65.6 | 65.6   | 65.6 | 65.6   | 65.6 |
| 0.0  | 2.5°   | 80.4   | 80.4 | 80.4   | 80.4 | 79.2   | 79.2 | 79.2   | 78.1 | 78.1   | 77.0 |
| 0.0  | 5°     | 73.6   | 74.7 | 74.7   | 74.7 | 74.7   | 74.7 | 74.7   | 74.7 | 73.6   | 73.6 |
| 0.0  | 7.5°   | 67.9   | 69.0 | 70.2   | 70.2 | 71.3   | 71.3 | 71.3   | 70.2 | 70.2   | 69.0 |
| 0.0  | 10°    | 64.5   | 65.6 | 65.6   | 66.8 | 66.8   | 66.8 | 66.8   | 66.8 | 66.8   | 66.8 |
| 0.0  | 12.5°  | 60.0   | 61.1 | 62.3   | 62.3 | 63.4   | 63.4 | 63.4   | 63.4 | 62.3   | 62.3 |
| 0.0  | 15°    | 54.3   | 56.6 | 57.7   | 58.9 | 58.9   | 60.0 | 60.0   | 60.0 | 60.0   | 60.0 |
| 0.0  | 17.5°  | 49.8   | 52.1 | 53.2   | 54.3 | 54.3   | 55.5 | 55.5   | 56.6 | 56.6   | 56.6 |
| 0.0  | 20°    | 40.7   | 43.0 | 44.1   | 46.4 | 47.5   | 48.7 | 49.8   | 50.9 | 50.9   | 52.1 |
| 0.0  | 22.5°  | 31.7   | 34.0 | 35.1   | 37.4 | 38.5   | 39.6 | 40.7   | 41.9 | 43.0   | 44.1 |
| 0.0  | 25°    | 22.6   | 24.9 | 26.0   | 28.3 | 29.4   | 30.6 | 31.7   | 32.8 | 32.8   | 34.0 |
| 0.0  | 27.5°  | 12.5   | 14.7 | 17.0   | 18.1 | 20.4   | 21.5 | 22.6   | 23.8 | 24.9   | 26.0 |
| 0.0  | 30°    | 5.7    | 6.8  | 7.9    | 10.2 | 11.3   | 12.5 | 13.6   | 15.8 | 17.0   | 18.1 |
| 0.0  | 32.5°  | 0.0    | 0.0  | 1.1    | 3.4  | 4.5    | 5.7  | 6.8    | 7.9  | 7.9    | 9.1  |
| 0.0  | 35°    | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 1.1    | 2.3  | 3.4    | 4.5  |
| 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°    | 2.3    | 2.3  | 2.3    | 3.4  | 3.4    | 3.4  | 3.4    | 3.4  | 3.4    | 3.4  |
|      | 82.5°  | 5.7    | 6.8  | 7.9    | 7.9  | 9.1    | 9.1  | 9.1    | 9.1  | 7.9    | 7.9  |
|      | 85°    | 11.3   | 12.5 | 13.6   | 13.6 | 14.7   | 14.7 | 14.7   | 14.7 | 14.7   | 14.7 |
|      | 87.5°  | 15.8   | 17.0 | 18.1   | 18.1 | 19.2   | 19.2 | 19.2   | 19.2 | 19.2   | 19.2 |
|      | 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: P1064858

CATALOG NUMBER: GLAN-SA4B-840-U-RBC

**CANDELA DISTRIBUTION (continued):**

| 217.5° |        | 192.5° | 195° | 197.5° | 200° | 202.5° | 205° | 207.5° | 210° | 212.5° | 215° |
|--------|--------|--------|------|--------|------|--------|------|--------|------|--------|------|
| 65.6   | 112.5° | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 77.0   | 115°   | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 73.6   | 117.5° | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 69.0   | 120°   | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 66.8   | 122.5° | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 62.3   | 125°   | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 60.0   | 127.5° | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 56.6   | 130°   | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 50.9   | 132.5° | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 44.1   | 135°   | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 35.1   | 137.5° | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 27.2   | 140°   | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 19.2   | 142.5° | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 11.3   | 145°   | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 6.8    | 147.5° | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 2.3    | 150°   | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 2.3    | 152.5° | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 1.1    | 155°   | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 1.1    | 157.5° | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 1.1    | 160°   | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 1.1    | 162.5° | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 1.1    | 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    |        |        |      |        |      |        |      |        |      |        |      |
| 3.4    |        |        |      |        |      |        |      |        |      |        |      |
| 7.9    |        |        |      |        |      |        |      |        |      |        |      |
| 14.7   |        |        |      |        |      |        |      |        |      |        |      |
| 19.2   |        |        |      |        |      |        |      |        |      |        |      |
| 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: P1064858

CATALOG NUMBER: GLAN-SA4B-840-U-RBC

**CANDELA DISTRIBUTION (continued):**

| 217.5° |        | 220° | 222.5° | 225° | 227.5° | 230° | 232.5° | 235° | 237.5° | 240° | 242.5° |
|--------|--------|------|--------|------|--------|------|--------|------|--------|------|--------|
| 0.0    | 0°     | 65.6 | 65.6   | 65.6 | 65.6   | 65.6 | 65.6   | 65.6 | 65.6   | 65.6 | 65.6   |
| 0.0    | 2.5°   | 75.8 | 75.8   | 74.7 | 74.7   | 74.7 | 74.7   | 74.7 | 75.8   | 77.0 | 77.0   |
| 0.0    | 5°     | 72.4 | 72.4   | 71.3 | 71.3   | 71.3 | 72.4   | 72.4 | 73.6   | 74.7 | 75.8   |
| 0.0    | 7.5°   | 69.0 | 67.9   | 67.9 | 69.0   | 69.0 | 70.2   | 70.2 | 71.3   | 72.4 | 73.6   |
| 0.0    | 10°    | 66.8 | 65.6   | 65.6 | 65.6   | 66.8 | 66.8   | 67.9 | 69.0   | 70.2 | 71.3   |
| 0.0    | 12.5°  | 62.3 | 62.3   | 62.3 | 62.3   | 63.4 | 63.4   | 64.5 | 65.6   | 67.9 | 69.0   |
| 0.0    | 15°    | 60.0 | 58.9   | 58.9 | 58.9   | 58.9 | 60.0   | 60.0 | 62.3   | 64.5 | 65.6   |
| 0.0    | 17.5°  | 55.5 | 55.5   | 54.3 | 54.3   | 55.5 | 55.5   | 56.6 | 58.9   | 61.1 | 62.3   |
| 0.0    | 20°    | 50.9 | 49.8   | 48.7 | 48.7   | 49.8 | 49.8   | 50.9 | 53.2   | 55.5 | 56.6   |
| 0.0    | 22.5°  | 44.1 | 43.0   | 43.0 | 43.0   | 43.0 | 44.1   | 44.1 | 46.4   | 49.8 | 52.1   |
| 0.0    | 25°    | 35.1 | 36.2   | 36.2 | 37.4   | 37.4 | 38.5   | 39.6 | 41.9   | 45.3 | 47.5   |
| 0.0    | 27.5°  | 27.2 | 28.3   | 28.3 | 30.6   | 31.7 | 32.8   | 34.0 | 37.4   | 40.7 | 43.0   |
| 0.0    | 30°    | 20.4 | 21.5   | 22.6 | 23.8   | 26.0 | 28.3   | 30.6 | 34.0   | 37.4 | 39.6   |
| 0.0    | 32.5°  | 12.5 | 14.7   | 15.8 | 18.1   | 20.4 | 22.6   | 24.9 | 28.3   | 32.8 | 36.2   |
| 0.0    | 35°    | 9.1  | 10.2   | 12.5 | 13.6   | 15.8 | 18.1   | 20.4 | 24.9   | 28.3 | 32.8   |
| 0.0    | 37.5°  | 4.5  | 6.8    | 9.1  | 11.3   | 13.6 | 15.8   | 18.1 | 22.6   | 27.2 | 30.6   |
| 0.0    | 40°    | 3.4  | 5.7    | 6.8  | 9.1    | 12.5 | 14.7   | 17.0 | 21.5   | 26.0 | 30.6   |
| 0.0    | 42.5°  | 2.3  | 3.4    | 4.5  | 7.9    | 10.2 | 13.6   | 17.0 | 21.5   | 26.0 | 30.6   |
| 0.0    | 45°    | 2.3  | 2.3    | 3.4  | 6.8    | 10.2 | 14.7   | 18.1 | 22.6   | 26.0 | 30.6   |
| 0.0    | 47.5°  | 2.3  | 3.4    | 4.5  | 9.1    | 11.3 | 14.7   | 18.1 | 21.5   | 26.0 | 29.4   |
| 0.0    | 50°    | 3.4  | 4.5    | 5.7  | 10.2   | 12.5 | 15.8   | 18.1 | 22.6   | 26.0 | 30.6   |
| 0.0    | 52.5°  | 2.3  | 3.4    | 4.5  | 9.1    | 12.5 | 17.0   | 20.4 | 24.9   | 29.4 | 32.8   |
| 0.0    | 55°    | 1.1  | 1.1    | 1.1  | 6.8    | 13.6 | 19.2   | 26.0 | 29.4   | 34.0 | 37.4   |
| 0.0    | 57.5°  | 0.0  | 0.0    | 0.0  | 4.5    | 13.6 | 21.5   | 29.4 | 34.0   | 38.5 | 41.9   |
| 0.0    | 60°    | 0.0  | 0.0    | 0.0  | 4.5    | 13.6 | 21.5   | 29.4 | 35.1   | 40.7 | 46.4   |
| 0.0    | 62.5°  | 0.0  | 0.0    | 0.0  | 4.5    | 11.3 | 18.1   | 24.9 | 34.0   | 44.1 | 53.2   |
| 0.0    | 65°    | 0.0  | 0.0    | 0.0  | 3.4    | 9.1  | 14.7   | 20.4 | 34.0   | 47.5 | 60.0   |
| 0.0    | 67.5°  | 0.0  | 0.0    | 0.0  | 3.4    | 9.1  | 13.6   | 19.2 | 34.0   | 47.5 | 62.3   |
|        | 70°    | 0.0  | 0.0    | 0.0  | 3.4    | 9.1  | 14.7   | 20.4 | 34.0   | 47.5 | 61.1   |
|        | 72.5°  | 0.0  | 0.0    | 0.0  | 3.4    | 10.2 | 15.8   | 22.6 | 34.0   | 45.3 | 56.6   |
|        | 75°    | 0.0  | 0.0    | 0.0  | 4.5    | 10.2 | 17.0   | 23.8 | 34.0   | 44.1 | 53.2   |
|        | 77.5°  | 0.0  | 0.0    | 0.0  | 3.4    | 10.2 | 15.8   | 22.6 | 32.8   | 43.0 | 52.1   |
|        | 80°    | 3.4  | 2.3    | 2.3  | 5.7    | 10.2 | 14.7   | 19.2 | 29.4   | 40.7 | 50.9   |
|        | 82.5°  | 6.8  | 6.8    | 5.7  | 7.9    | 10.2 | 13.6   | 17.0 | 26.0   | 36.2 | 45.3   |
|        | 85°    | 13.6 | 13.6   | 12.5 | 13.6   | 13.6 | 14.7   | 15.8 | 20.4   | 24.9 | 29.4   |
|        | 87.5°  | 18.1 | 18.1   | 17.0 | 17.0   | 17.0 | 15.8   | 15.8 | 15.8   | 15.8 | 14.7   |
|        | 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: P1064858

CATALOG NUMBER: GLAN-SA4B-840-U-RBC

**CANDELA DISTRIBUTION (continued):**

| 245° |        | 220° | 222.5° | 225° | 227.5° | 230° | 232.5° | 235° | 237.5° | 240° | 242.5° |
|------|--------|------|--------|------|--------|------|--------|------|--------|------|--------|
| 65.6 | 112.5° | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 78.1 | 115°   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 77.0 | 117.5° | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 74.7 | 120°   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 72.4 | 122.5° | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 70.2 | 125°   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 67.9 | 127.5° | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 64.5 | 130°   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 58.9 | 132.5° | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 54.3 | 135°   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 49.8 | 137.5° | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 46.4 | 140°   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 43.0 | 142.5° | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 39.6 | 145°   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 36.2 | 147.5° | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 35.1 | 150°   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 35.1 | 152.5° | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 35.1 | 155°   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 34.0 | 157.5° | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 32.8 | 160°   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 34.0 | 162.5° | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 37.4 | 165°   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 40.7 | 167.5° | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 46.4 | 170°   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 52.1 | 172.5° | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 62.3 | 175°   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 73.6 | 177.5° | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 75.8 | 180°   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 74.7 |        |      |        |      |        |      |        |      |        |      |        |
| 67.9 |        |      |        |      |        |      |        |      |        |      |        |
| 63.4 |        |      |        |      |        |      |        |      |        |      |        |
| 62.3 |        |      |        |      |        |      |        |      |        |      |        |
| 61.1 |        |      |        |      |        |      |        |      |        |      |        |
| 54.3 |        |      |        |      |        |      |        |      |        |      |        |
| 34.0 |        |      |        |      |        |      |        |      |        |      |        |
| 14.7 |        |      |        |      |        |      |        |      |        |      |        |
| 0.0  |        |      |        |      |        |      |        |      |        |      |        |
| 0.0  |        |      |        |      |        |      |        |      |        |      |        |
| 0.0  |        |      |        |      |        |      |        |      |        |      |        |
| 0.0  |        |      |        |      |        |      |        |      |        |      |        |
| 0.0  |        |      |        |      |        |      |        |      |        |      |        |
| 0.0  |        |      |        |      |        |      |        |      |        |      |        |
| 0.0  |        |      |        |      |        |      |        |      |        |      |        |
| 0.0  |        |      |        |      |        |      |        |      |        |      |        |
| 0.0  |        |      |        |      |        |      |        |      |        |      |        |
| 0.0  |        |      |        |      |        |      |        |      |        |      |        |
| 0.0  |        |      |        |      |        |      |        |      |        |      |        |

REPORT NUMBER: P1064858

CATALOG NUMBER: GLAN-SA4B-840-U-RBC

**CANDELA DISTRIBUTION (continued):**

| 245° |        | 247.5° | 250°  | 252.5° | 255°  | 257.5° | 260°  | 262.5° | 265°  | 267.5° | 270°   |
|------|--------|--------|-------|--------|-------|--------|-------|--------|-------|--------|--------|
| 0.0  | 0°     | 65.6   | 65.6  | 65.6   | 65.6  | 65.6   | 65.6  | 65.6   | 65.6  | 65.6   | 65.6   |
| 0.0  | 2.5°   | 79.2   | 80.4  | 80.4   | 81.5  | 82.6   | 83.8  | 83.8   | 84.9  | 84.9   | 84.9   |
| 0.0  | 5°     | 78.1   | 80.4  | 81.5   | 82.6  | 83.8   | 84.9  | 86.0   | 87.2  | 88.3   | 88.3   |
| 0.0  | 7.5°   | 77.0   | 78.1  | 80.4   | 81.5  | 83.8   | 84.9  | 87.2   | 88.3  | 89.4   | 90.6   |
| 0.0  | 10°    | 74.7   | 77.0  | 79.2   | 81.5  | 83.8   | 86.0  | 88.3   | 90.6  | 92.8   | 93.9   |
| 0.0  | 12.5°  | 72.4   | 75.8  | 78.1   | 80.4  | 83.8   | 87.2  | 89.4   | 92.8  | 95.1   | 97.3   |
| 0.0  | 15°    | 71.3   | 73.6  | 77.0   | 79.2  | 83.8   | 88.3  | 91.7   | 96.2  | 100.7  | 104.1  |
| 0.0  | 17.5°  | 67.9   | 72.4  | 75.8   | 79.2  | 83.8   | 89.4  | 93.9   | 98.5  | 105.3  | 112.1  |
| 0.0  | 20°    | 63.4   | 66.8  | 71.3   | 74.7  | 81.5   | 87.2  | 93.9   | 99.6  | 109.8  | 120.0  |
| 0.0  | 22.5°  | 58.9   | 63.4  | 66.8   | 71.3  | 79.2   | 86.0  | 93.9   | 100.7 | 117.7  | 133.6  |
| 0.0  | 25°    | 54.3   | 60.0  | 64.5   | 69.0  | 78.1   | 87.2  | 96.2   | 105.3 | 133.6  | 161.9  |
| 0.0  | 27.5°  | 52.1   | 56.6  | 62.3   | 66.8  | 78.1   | 90.6  | 101.9  | 113.2 | 158.5  | 202.6  |
| 0.0  | 30°    | 48.7   | 54.3  | 58.9   | 64.5  | 79.2   | 93.9  | 108.7  | 123.4 | 192.4  | 261.5  |
| 0.0  | 32.5°  | 45.3   | 50.9  | 56.6   | 62.3  | 81.5   | 100.7 | 118.8  | 138.1 | 228.6  | 318.1  |
| 0.0  | 35°    | 41.9   | 48.7  | 54.3   | 60.0  | 84.9   | 110.9 | 135.8  | 160.7 | 261.5  | 361.1  |
| 0.0  | 37.5°  | 40.7   | 47.5  | 53.2   | 58.9  | 86.0   | 112.1 | 139.2  | 165.3 | 264.9  | 364.5  |
| 0.0  | 40°    | 41.9   | 47.5  | 54.3   | 60.0  | 82.6   | 105.3 | 126.8  | 149.4 | 253.5  | 356.5  |
| 0.0  | 42.5°  | 41.9   | 48.7  | 55.5   | 62.3  | 80.4   | 98.5  | 116.6  | 134.7 | 250.1  | 365.6  |
| 0.0  | 45°    | 40.7   | 47.5  | 54.3   | 61.1  | 78.1   | 93.9  | 110.9  | 126.8 | 270.5  | 413.1  |
| 0.0  | 47.5°  | 39.6   | 46.4  | 53.2   | 60.0  | 77.0   | 93.9  | 110.9  | 127.9 | 349.8  | 570.5  |
| 0.0  | 50°    | 39.6   | 46.4  | 52.1   | 57.7  | 78.1   | 99.6  | 120.0  | 140.4 | 509.3  | 877.2  |
| 0.0  | 52.5°  | 41.9   | 47.5  | 52.1   | 56.6  | 80.4   | 105.3 | 129.0  | 152.8 | 647.4  | 1140.9 |
| 0.0  | 55°    | 45.3   | 48.7  | 53.2   | 56.6  | 86.0   | 114.3 | 143.7  | 172.0 | 689.3  | 1206.6 |
| 0.0  | 57.5°  | 49.8   | 53.2  | 56.6   | 60.0  | 96.2   | 132.4 | 167.5  | 203.7 | 692.7  | 1180.6 |
| 0.0  | 60°    | 55.5   | 60.0  | 63.4   | 66.8  | 105.3  | 144.9 | 183.4  | 221.8 | 627.1  | 1031.1 |
| 0.0  | 62.5°  | 67.9   | 73.6  | 78.1   | 83.8  | 121.1  | 157.3 | 194.7  | 230.9 | 520.7  | 810.4  |
| 0.0  | 65°    | 78.1   | 82.6  | 87.2   | 91.7  | 127.9  | 165.3 | 201.5  | 237.7 | 441.4  | 645.2  |
| 0.0  | 67.5°  | 80.4   | 84.9  | 88.3   | 92.8  | 130.2  | 167.5 | 203.7  | 241.1 | 378.0  | 513.9  |
|      | 70°    | 81.5   | 87.2  | 93.9   | 99.6  | 138.1  | 176.6 | 213.9  | 252.4 | 335.0  | 417.7  |
|      | 72.5°  | 78.1   | 89.4  | 99.6   | 109.8 | 146.0  | 181.1 | 217.3  | 252.4 | 311.3  | 370.1  |
|      | 75°    | 78.1   | 93.9  | 108.7  | 123.4 | 150.5  | 176.6 | 203.7  | 229.8 | 275.0  | 320.3  |
|      | 77.5°  | 82.6   | 103.0 | 123.4  | 143.7 | 159.6  | 174.3 | 190.2  | 204.9 | 234.3  | 263.7  |
|      | 80°    | 82.6   | 104.1 | 124.5  | 146.0 | 152.8  | 160.7 | 167.5  | 174.3 | 177.7  | 181.1  |
|      | 82.5°  | 71.3   | 88.3  | 105.3  | 122.2 | 114.3  | 106.4 | 98.5   | 90.6  | 84.9   | 78.1   |
|      | 85°    | 36.2   | 39.6  | 41.9   | 44.1  | 40.7   | 37.4  | 34.0   | 30.6  | 28.3   | 24.9   |
|      | 87.5°  | 14.7   | 14.7  | 13.6   | 13.6  | 13.6   | 13.6  | 12.5   | 12.5  | 12.5   | 12.5   |
|      | 90°    | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0    |
|      | 92.5°  | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0    |
|      | 95°    | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0    |
|      | 97.5°  | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0    |
|      | 100°   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0    |
|      | 102.5° | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0    |
|      | 105°   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0    |
|      | 107.5° | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0    |
|      | 110°   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0    |

REPORT NUMBER: P1064858

CATALOG NUMBER: GLAN-SA4B-840-U-RBC

**CANDELA DISTRIBUTION (continued):**

| 272.5° |        | 247.5° | 250° | 252.5° | 255° | 257.5° | 260° | 262.5° | 265° | 267.5° | 270° |
|--------|--------|--------|------|--------|------|--------|------|--------|------|--------|------|
| 65.6   | 112.5° | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 84.9   | 115°   | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 88.3   | 117.5° | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 91.7   | 120°   | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 96.2   | 122.5° | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 100.7  | 125°   | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 109.8  | 127.5° | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 121.1  | 130°   | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 139.2  | 132.5° | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 177.7  | 135°   | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 241.1  | 137.5° | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 335.0  | 140°   | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 453.9  | 142.5° | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 567.1  | 145°   | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 644.0  | 147.5° | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 701.8  | 150°   | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 759.5  | 152.5° | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 872.7  | 155°   | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 1099.1 | 157.5° | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 1675.2 | 160°   | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 2566.0 | 162.5° | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 3230.4 | 165°   | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 3304.0 | 167.5° | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 2981.4 | 170°   | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 2549.0 | 172.5° | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 1992.1 | 175°   | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 1505.4 | 177.5° | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 1111.5 | 180°   | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 786.7  |        |        |      |        |      |        |      |        |      |        |      |
| 585.2  |        |        |      |        |      |        |      |        |      |        |      |
| 425.6  |        |        |      |        |      |        |      |        |      |        |      |
| 320.3  |        |        |      |        |      |        |      |        |      |        |      |
| 180.0  |        |        |      |        |      |        |      |        |      |        |      |
| 81.5   |        |        |      |        |      |        |      |        |      |        |      |
| 23.8   |        |        |      |        |      |        |      |        |      |        |      |
| 11.3   |        |        |      |        |      |        |      |        |      |        |      |
| 0.0    |        |        |      |        |      |        |      |        |      |        |      |
| 0.0    |        |        |      |        |      |        |      |        |      |        |      |
| 0.0    |        |        |      |        |      |        |      |        |      |        |      |
| 0.0    |        |        |      |        |      |        |      |        |      |        |      |
| 0.0    |        |        |      |        |      |        |      |        |      |        |      |
| 0.0    |        |        |      |        |      |        |      |        |      |        |      |
| 0.0    |        |        |      |        |      |        |      |        |      |        |      |
| 0.0    |        |        |      |        |      |        |      |        |      |        |      |
| 0.0    |        |        |      |        |      |        |      |        |      |        |      |
| 0.0    |        |        |      |        |      |        |      |        |      |        |      |

REPORT NUMBER: P1064858

CATALOG NUMBER: GLAN-SA4B-840-U-RBC

**CANDELA DISTRIBUTION (continued):**

| 272.5° |        | 275°   | 277.5° | 280°    | 282.5°  | 285°    | 287.5°  | 290°    | 292.5°  | 295°    | 297.5°  |
|--------|--------|--------|--------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0.0    | 0°     | 65.6   | 65.6   | 65.6    | 65.6    | 65.6    | 65.6    | 65.6    | 65.6    | 65.6    | 65.6    |
| 0.0    | 2.5°   | 84.9   | 83.8   | 83.8    | 82.6    | 81.5    | 80.4    | 79.2    | 78.1    | 77.0    | 75.8    |
| 0.0    | 5°     | 88.3   | 88.3   | 88.3    | 87.2    | 87.2    | 86.0    | 86.0    | 84.9    | 83.8    | 82.6    |
| 0.0    | 7.5°   | 91.7   | 92.8   | 92.8    | 93.9    | 93.9    | 93.9    | 93.9    | 92.8    | 92.8    | 92.8    |
| 0.0    | 10°    | 97.3   | 98.5   | 99.6    | 100.7   | 101.9   | 103.0   | 103.0   | 104.1   | 104.1   | 104.1   |
| 0.0    | 12.5°  | 104.1  | 107.5  | 109.8   | 113.2   | 115.5   | 118.8   | 121.1   | 124.5   | 126.8   | 129.0   |
| 0.0    | 15°    | 114.3  | 120.0  | 126.8   | 132.4   | 138.1   | 146.0   | 155.1   | 163.0   | 170.9   | 183.4   |
| 0.0    | 17.5°  | 129.0  | 147.1  | 165.3   | 182.2   | 200.3   | 240.0   | 279.6   | 318.1   | 357.7   | 415.4   |
| 0.0    | 20°    | 157.3  | 211.7  | 264.9   | 319.2   | 372.4   | 511.6   | 649.7   | 788.9   | 927.0   | 1075.3  |
| 0.0    | 22.5°  | 220.7  | 354.3  | 487.8   | 621.4   | 755.0   | 1045.9  | 1335.6  | 1626.5  | 1916.3  | 2257.0  |
| 0.0    | 25°    | 320.3  | 565.9  | 811.6   | 1056.0  | 1301.7  | 1756.7  | 2212.8  | 2667.9  | 3122.9  | 3565.4  |
| 0.0    | 27.5°  | 466.3  | 842.1  | 1217.9  | 1592.6  | 1968.3  | 2585.2  | 3203.2  | 3820.1  | 4437.0  | 4937.3  |
| 0.0    | 30°    | 646.3  | 1155.7 | 1665.0  | 2174.3  | 2683.7  | 3385.5  | 4087.2  | 4787.9  | 5489.6  | 6036.3  |
| 0.0    | 32.5°  | 816.1  | 1439.8 | 2063.4  | 2686.0  | 3309.6  | 4108.7  | 4909.0  | 5708.1  | 6507.2  | 7104.8  |
| 0.0    | 35°    | 927.0  | 1680.8 | 2435.8  | 3189.6  | 3943.5  | 4808.2  | 5673.0  | 6536.6  | 7401.4  | 8083.9  |
| 0.0    | 37.5°  | 1037.9 | 1908.4 | 2777.6  | 3648.1  | 4517.3  | 5467.0  | 6416.7  | 7366.3  | 8316.0  | 9159.2  |
| 0.0    | 40°    | 1162.4 | 2183.4 | 3203.2  | 4224.2  | 5244.0  | 6369.1  | 7493.1  | 8618.2  | 9742.1  | 10931.7 |
| 0.0    | 42.5°  | 1378.6 | 2639.6 | 3901.6  | 5162.5  | 6423.4  | 7911.9  | 9400.3  | 10887.6 | 12376.0 | 14073.8 |
| 0.0    | 45°    | 1785.0 | 3562.0 | 5340.2  | 7117.3  | 8894.3  | 10866.1 | 12839.0 | 14810.7 | 16782.4 | 19041.7 |
| 0.0    | 47.5°  | 2779.9 | 5224.8 | 7668.5  | 10113.4 | 12557.1 | 14686.2 | 16814.1 | 18943.2 | 21071.2 | 23321.3 |
| 0.0    | 50°    | 4253.6 | 7099.2 | 9944.7  | 12789.2 | 15634.7 | 17561.2 | 19486.5 | 21413.0 | 23338.3 | 25478.7 |
| 0.0    | 52.5°  | 5319.9 | 8284.3 | 11249.8 | 14214.2 | 17178.6 | 18917.2 | 20656.9 | 22395.5 | 24134.0 | 26134.1 |
| 0.0    | 55°    | 5400.2 | 8347.6 | 11296.2 | 14243.6 | 17191.1 | 18937.6 | 20684.0 | 22430.5 | 24177.0 | 26297.1 |
| 0.0    | 57.5°  | 4781.1 | 7704.7 | 10627.3 | 13550.9 | 16473.4 | 18462.2 | 20449.7 | 22438.5 | 24426.1 | 26718.1 |
| 0.0    | 60°    | 4066.9 | 6991.6 | 9915.3  | 12840.1 | 15763.7 | 18054.7 | 20346.7 | 22637.7 | 24928.6 | 27075.8 |
| 0.0    | 62.5°  | 3172.7 | 6181.2 | 9190.9  | 12199.4 | 15208.0 | 17534.0 | 19860.0 | 22184.9 | 24510.9 | 26121.6 |
| 0.0    | 65°    | 2364.5 | 5285.9 | 8207.3  | 11127.6 | 14048.9 | 15912.0 | 17775.1 | 19637.1 | 21500.1 | 22497.3 |
| 0.0    | 67.5°  | 1709.1 | 4228.7 | 6747.2  | 9266.7  | 11785.2 | 13118.5 | 14451.9 | 15784.1 | 17117.5 | 17880.4 |
|        | 70°    | 1155.7 | 2901.0 | 4645.3  | 6390.6  | 8134.9  | 9230.5  | 10327.3 | 11423.0 | 12518.6 | 13548.7 |
|        | 72.5°  | 800.2  | 1780.5 | 2761.8  | 3742.0  | 4722.2  | 5824.7  | 6926.0  | 8028.5  | 9129.8  | 10219.8 |
|        | 75°    | 530.9  | 976.8  | 1423.9  | 1869.9  | 2315.8  | 3131.9  | 3949.1  | 4765.2  | 5581.3  | 6231.0  |
|        | 77.5°  | 376.9  | 510.5  | 645.2   | 778.7   | 912.3   | 1065.1  | 1219.0  | 1371.8  | 1524.6  | 1756.7  |
|        | 80°    | 178.8  | 195.8  | 212.8   | 228.6   | 245.6   | 301.1   | 356.5   | 412.0   | 467.5   | 526.3   |
|        | 82.5°  | 84.9   | 91.7   | 98.5    | 104.1   | 110.9   | 116.6   | 122.2   | 127.9   | 133.6   | 127.9   |
|        | 85°    | 22.6   | 22.6   | 23.8    | 23.8    | 23.8    | 23.8    | 23.8    | 23.8    | 23.8    | 22.6    |
|        | 87.5°  | 10.2   | 10.2   | 10.2    | 10.2    | 10.2    | 10.2    | 10.2    | 9.1     | 9.1     | 7.9     |
|        | 90°    | 0.0    | 0.0    | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
|        | 92.5°  | 0.0    | 0.0    | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
|        | 95°    | 0.0    | 0.0    | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
|        | 97.5°  | 0.0    | 0.0    | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
|        | 100°   | 0.0    | 0.0    | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
|        | 102.5° | 0.0    | 0.0    | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
|        | 105°   | 0.0    | 0.0    | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
|        | 107.5° | 0.0    | 0.0    | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
|        | 110°   | 0.0    | 0.0    | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |

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**CANDELA DISTRIBUTION (continued):**

| 300°    |        | 275° | 277.5° | 280° | 282.5° | 285° | 287.5° | 290° | 292.5° | 295° | 297.5° |
|---------|--------|------|--------|------|--------|------|--------|------|--------|------|--------|
| 65.6    | 112.5° | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 74.7    | 115°   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 81.5    | 117.5° | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 91.7    | 120°   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 105.3   | 122.5° | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 130.2   | 125°   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 196.9   | 127.5° | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 472.0   | 130°   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 1224.7  | 132.5° | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 2597.7  | 135°   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 4008.0  | 137.5° | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 5437.6  | 140°   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 6584.2  | 142.5° | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 7703.6  | 145°   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 8766.4  | 147.5° | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 10003.6 | 150°   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 12121.3 | 152.5° | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 15771.7 | 155°   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 21300.9 | 157.5° | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 25571.5 | 160°   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 27619.1 | 162.5° | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 28134.1 | 165°   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 28418.2 | 167.5° | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 29010.2 | 170°   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 29221.8 | 172.5° | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 27733.4 | 175°   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 23495.6 | 177.5° | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 18644.4 | 180°   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 14577.5 |        |      |        |      |        |      |        |      |        |      |        |
| 11309.8 |        |      |        |      |        |      |        |      |        |      |        |
| 6880.7  |        |      |        |      |        |      |        |      |        |      |        |
| 1988.7  |        |      |        |      |        |      |        |      |        |      |        |
| 585.2   |        |      |        |      |        |      |        |      |        |      |        |
| 121.1   |        |      |        |      |        |      |        |      |        |      |        |
| 21.5    |        |      |        |      |        |      |        |      |        |      |        |
| 7.9     |        |      |        |      |        |      |        |      |        |      |        |
| 0.0     |        |      |        |      |        |      |        |      |        |      |        |
| 0.0     |        |      |        |      |        |      |        |      |        |      |        |
| 0.0     |        |      |        |      |        |      |        |      |        |      |        |
| 0.0     |        |      |        |      |        |      |        |      |        |      |        |
| 0.0     |        |      |        |      |        |      |        |      |        |      |        |
| 0.0     |        |      |        |      |        |      |        |      |        |      |        |
| 0.0     |        |      |        |      |        |      |        |      |        |      |        |
| 0.0     |        |      |        |      |        |      |        |      |        |      |        |
| 0.0     |        |      |        |      |        |      |        |      |        |      |        |
| 0.0     |        |      |        |      |        |      |        |      |        |      |        |
| 0.0     |        |      |        |      |        |      |        |      |        |      |        |

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**CANDELA DISTRIBUTION (continued):**

| 300° |        | 302.5°  | 305°    | 307.5°  | 310°    | 312.5°  | 315°    | 317.5°  | 320°    | 322.5°  |
|------|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0.0  | 0°     | 65.6    | 65.6    | 65.6    | 65.6    | 65.6    | 65.6    | 65.6    | 65.6    | 65.6    |
| 0.0  | 2.5°   | 73.6    | 72.4    | 71.3    | 70.2    | 69.0    | 66.8    | 66.8    | 65.6    | 65.6    |
| 0.0  | 5°     | 80.4    | 79.2    | 78.1    | 77.0    | 77.0    | 75.8    | 74.7    | 74.7    | 73.6    |
| 0.0  | 7.5°   | 91.7    | 90.6    | 89.4    | 88.3    | 88.3    | 87.2    | 87.2    | 86.0    | 86.0    |
| 0.0  | 10°    | 105.3   | 105.3   | 105.3   | 105.3   | 105.3   | 104.1   | 104.1   | 104.1   | 103.0   |
| 0.0  | 12.5°  | 132.4   | 133.6   | 135.8   | 138.1   | 141.5   | 141.5   | 141.5   | 140.4   | 140.4   |
| 0.0  | 15°    | 209.4   | 221.8   | 230.9   | 240.0   | 247.9   | 266.0   | 263.7   | 260.3   | 258.1   |
| 0.0  | 17.5°  | 529.7   | 586.3   | 616.9   | 646.3   | 676.9   | 760.6   | 747.0   | 733.5   | 721.0   |
| 0.0  | 20°    | 1373.0  | 1521.3  | 1619.7  | 1718.2  | 1817.8  | 1975.1  | 1936.7  | 1898.2  | 1859.7  |
| 0.0  | 22.5°  | 2937.2  | 3277.9  | 3426.2  | 3574.5  | 3721.6  | 3911.8  | 3788.4  | 3665.0  | 3542.8  |
| 0.0  | 25°    | 4449.4  | 4892.0  | 5142.1  | 5392.3  | 5641.3  | 5750.0  | 5589.2  | 5427.4  | 5266.7  |
| 0.0  | 27.5°  | 5937.9  | 6438.2  | 6658.9  | 6878.5  | 7099.2  | 7326.7  | 7127.5  | 6927.1  | 6727.9  |
| 0.0  | 30°    | 7130.9  | 7677.6  | 7916.4  | 8154.1  | 8392.9  | 8551.4  | 8345.4  | 8138.2  | 7932.2  |
| 0.0  | 32.5°  | 8301.2  | 8898.9  | 9160.3  | 9421.8  | 9682.1  | 9909.6  | 9656.1  | 9401.4  | 9147.9  |
| 0.0  | 35°    | 9447.8  | 10130.4 | 10490.3 | 10850.2 | 11210.2 | 11421.8 | 11120.8 | 10818.5 | 10517.5 |
| 0.0  | 37.5°  | 10846.8 | 11690.1 | 12093.0 | 12496.0 | 12899.0 | 13284.9 | 12953.3 | 12620.5 | 12288.9 |
| 0.0  | 40°    | 13311.0 | 14500.6 | 15118.6 | 15737.7 | 16355.7 | 16853.8 | 16435.0 | 16016.2 | 15597.4 |
| 0.0  | 42.5°  | 17469.5 | 19167.3 | 20055.9 | 20943.2 | 21831.8 | 22609.4 | 22169.1 | 21728.8 | 21288.5 |
| 0.0  | 45°    | 23560.2 | 25819.4 | 26902.6 | 27984.7 | 29067.9 | 29636.1 | 29002.3 | 28367.3 | 27733.4 |
| 0.0  | 47.5°  | 27820.6 | 30070.8 | 31035.1 | 31999.5 | 32963.9 | 33612.4 | 32837.1 | 32061.7 | 31287.5 |
| 0.0  | 50°    | 29758.4 | 31898.8 | 32866.5 | 33833.1 | 34800.9 | 35315.9 | 34420.6 | 33524.1 | 32628.8 |
| 0.0  | 52.5°  | 30133.0 | 32133.1 | 33287.6 | 34443.2 | 35597.8 | 36285.9 | 35228.8 | 34170.4 | 33113.3 |
| 0.0  | 55°    | 30538.2 | 32658.2 | 33997.3 | 35337.4 | 36676.4 | 37629.5 | 36434.2 | 35237.8 | 34042.5 |
| 0.0  | 57.5°  | 31301.1 | 33593.2 | 34928.8 | 36263.3 | 37598.9 | 38408.2 | 37209.6 | 36009.8 | 34811.1 |
| 0.0  | 60°    | 31369.0 | 33515.1 | 34662.8 | 35811.7 | 36959.4 | 37468.8 | 36322.2 | 35174.4 | 34027.8 |
| 0.0  | 62.5°  | 29344.1 | 30954.8 | 31751.6 | 32548.5 | 33345.3 | 33898.8 | 32702.4 | 31504.9 | 30308.5 |
| 0.0  | 65°    | 24492.8 | 25490.0 | 26125.0 | 26760.0 | 27395.0 | 28054.9 | 26959.2 | 25863.5 | 24767.9 |
| 0.0  | 67.5°  | 19407.3 | 20170.2 | 21006.6 | 21843.1 | 22679.6 | 23384.7 | 22507.5 | 21629.2 | 20752.0 |
|      | 70°    | 15607.5 | 16636.4 | 17577.0 | 18517.6 | 19458.2 | 20035.5 | 19154.9 | 18273.1 | 17392.5 |
|      | 72.5°  | 12399.8 | 13489.8 | 14275.3 | 15059.7 | 15845.2 | 15986.7 | 15339.3 | 14691.9 | 14045.5 |
|      | 75°    | 7529.3  | 8179.0  | 8194.8  | 8209.6  | 8225.4  | 8360.1  | 7823.6  | 7287.1  | 6751.7  |
|      | 77.5°  | 2220.8  | 2452.8  | 2644.1  | 2834.2  | 3025.5  | 3256.4  | 3059.5  | 2861.4  | 2664.5  |
|      | 80°    | 642.9   | 701.8   | 751.6   | 800.2   | 850.0   | 820.6   | 774.2   | 727.8   | 681.4   |
|      | 82.5°  | 115.5   | 108.7   | 107.5   | 106.4   | 106.4   | 100.7   | 91.7    | 82.6    | 73.6    |
|      | 85°    | 20.4    | 19.2    | 18.1    | 17.0    | 15.8    | 14.7    | 12.5    | 11.3    | 9.1     |
|      | 87.5°  | 6.8     | 5.7     | 4.5     | 3.4     | 3.4     | 1.1     | 1.1     | 1.1     | 0.0     |
|      | 90°    | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
|      | 92.5°  | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
|      | 95°    | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
|      | 97.5°  | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
|      | 100°   | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
|      | 102.5° | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
|      | 105°   | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
|      | 107.5° | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
|      | 110°   | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |

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**CANDELA DISTRIBUTION (continued):**

| 325° | 327.5° |        | 330°    | 332.5°  | 335°    | 337.5°  | 340°    | 342.5°  | 345°    | 347.5°  | 350°    |
|------|--------|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0.0  | 0.0    | 0°     | 65.6    | 65.6    | 65.6    | 65.6    | 65.6    | 65.6    | 65.6    | 65.6    | 65.6    |
| 0.0  | 0.0    | 2.5°   | 64.5    | 63.4    | 63.4    | 63.4    | 63.4    | 62.3    | 62.3    | 62.3    | 62.3    |
| 0.0  | 0.0    | 5°     | 71.3    | 71.3    | 70.2    | 70.2    | 69.0    | 69.0    | 67.9    | 67.9    | 66.8    |
| 0.0  | 0.0    | 7.5°   | 83.8    | 82.6    | 81.5    | 80.4    | 79.2    | 77.0    | 75.8    | 74.7    | 74.7    |
| 0.0  | 0.0    | 10°    | 100.7   | 98.5    | 97.3    | 95.1    | 93.9    | 91.7    | 89.4    | 87.2    | 84.9    |
| 0.0  | 0.0    | 12.5°  | 132.4   | 127.9   | 124.5   | 120.0   | 115.5   | 112.1   | 107.5   | 104.1   | 99.6    |
| 0.0  | 0.0    | 15°    | 229.8   | 218.5   | 206.0   | 191.3   | 175.4   | 160.7   | 144.9   | 135.8   | 125.6   |
| 0.0  | 0.0    | 17.5°  | 587.4   | 528.6   | 468.6   | 419.9   | 371.3   | 323.7   | 275.0   | 240.0   | 204.9   |
| 0.0  | 0.0    | 20°    | 1495.2  | 1332.2  | 1169.2  | 1008.5  | 846.6   | 685.9   | 524.1   | 442.6   | 361.1   |
| 0.0  | 0.0    | 22.5°  | 2813.9  | 2511.7  | 2208.3  | 1915.1  | 1620.9  | 1327.7  | 1034.5  | 850.0   | 666.7   |
| 0.0  | 0.0    | 25°    | 4343.0  | 3962.7  | 3582.4  | 3100.2  | 2616.9  | 2134.7  | 1652.6  | 1352.6  | 1052.7  |
| 0.0  | 0.0    | 27.5°  | 5651.5  | 5213.5  | 4775.4  | 4189.1  | 3602.8  | 3016.5  | 2430.2  | 1983.1  | 1537.1  |
| 0.0  | 0.0    | 30°    | 6784.5  | 6313.6  | 5842.8  | 5160.3  | 4477.7  | 3795.2  | 3112.7  | 2553.5  | 1994.4  |
| 0.0  | 0.0    | 32.5°  | 7767.0  | 7203.3  | 6639.6  | 5935.6  | 5231.6  | 4527.5  | 3823.5  | 3137.6  | 2451.7  |
| 0.0  | 0.0    | 35°    | 8900.0  | 8242.4  | 7583.6  | 6802.6  | 6020.5  | 5239.5  | 4458.5  | 3684.3  | 2908.9  |
| 0.0  | 0.0    | 37.5°  | 10339.8 | 9532.7  | 8724.6  | 7854.1  | 6983.7  | 6114.4  | 5244.0  | 4358.9  | 3473.8  |
| 0.0  | 0.0    | 40°    | 13095.9 | 12054.6 | 11013.2 | 9907.4  | 8800.4  | 7694.5  | 6588.7  | 5502.1  | 4415.5  |
| 0.0  | 0.0    | 42.5°  | 18034.3 | 16627.4 | 15220.4 | 13749.0 | 12276.4 | 10805.0 | 9332.4  | 7799.8  | 6266.1  |
| 0.0  | 0.0    | 45°    | 23607.7 | 21862.3 | 20115.8 | 18464.4 | 16811.9 | 15160.5 | 13509.0 | 11406.0 | 9303.0  |
| 0.0  | 0.0    | 47.5°  | 26741.9 | 24857.3 | 22972.7 | 21409.6 | 19846.5 | 18283.3 | 16720.2 | 14453.0 | 12185.9 |
| 0.0  | 0.0    | 50°    | 27895.3 | 25976.7 | 24058.2 | 22619.6 | 21179.8 | 19741.2 | 18301.4 | 16030.9 | 13759.2 |
| 0.0  | 0.0    | 52.5°  | 28140.9 | 26183.9 | 24226.8 | 22779.2 | 21331.5 | 19884.9 | 18437.3 | 16181.4 | 13925.6 |
| 0.0  | 0.0    | 55°    | 28645.7 | 26546.1 | 24445.3 | 22795.0 | 21144.7 | 19494.4 | 17844.2 | 15552.1 | 13260.0 |
| 0.0  | 0.0    | 57.5°  | 29305.6 | 27152.8 | 24999.9 | 23119.9 | 21239.8 | 19360.9 | 17480.8 | 14974.8 | 12468.8 |
| 0.0  | 0.0    | 60°    | 29132.4 | 27259.2 | 25384.8 | 23371.1 | 21356.4 | 19342.8 | 17328.0 | 14571.9 | 11814.6 |
| 0.0  | 0.0    | 62.5°  | 26126.1 | 24634.3 | 23141.4 | 21485.4 | 19828.3 | 18172.4 | 16516.5 | 13678.8 | 10841.2 |
| 0.0  | 0.0    | 65°    | 21493.3 | 20404.5 | 19315.6 | 17983.4 | 16650.0 | 15317.8 | 13985.6 | 11441.1 | 8897.7  |
| 0.0  | 0.0    | 67.5°  | 17419.7 | 16192.7 | 14964.6 | 13902.9 | 12840.1 | 11778.4 | 10715.5 | 8713.2  | 6710.9  |
|      |        | 70°    | 13839.5 | 12505.1 | 11169.4 | 10132.6 | 9094.7  | 8057.9  | 7021.1  | 5690.0  | 4360.0  |
|      |        | 72.5°  | 10990.6 | 9787.4  | 8584.2  | 7478.4  | 6371.4  | 5265.5  | 4158.5  | 3371.9  | 2585.2  |
|      |        | 75°    | 5253.1  | 4772.0  | 4291.0  | 3712.6  | 3134.2  | 2555.8  | 1977.4  | 1634.4  | 1292.6  |
|      |        | 77.5°  | 1946.8  | 1687.6  | 1427.3  | 1191.9  | 956.4   | 722.1   | 486.7   | 446.0   | 405.2   |
|      |        | 80°    | 503.7   | 439.2   | 373.5   | 327.1   | 279.6   | 233.2   | 186.8   | 168.7   | 151.7   |
|      |        | 82.5°  | 57.7    | 53.2    | 49.8    | 47.5    | 44.1    | 41.9    | 38.5    | 35.1    | 31.7    |
|      |        | 85°    | 3.4     | 2.3     | 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: P1064858

CATALOG NUMBER: GLAN-SA4B-840-U-RBC

**CANDELA DISTRIBUTION (continued):**

[illegible]

REPORT NUMBER: P1064858

CATALOG NUMBER: GLAN-SA4B-840-U-RBC

**CANDELA DISTRIBUTION (continued):**

| 352.5° | 355° |        | 357.5° | 360°   |
|--------|------|--------|--------|--------|
| 0.0    | 0.0  | 0°     | 65.6   | 65.6   |
| 0.0    | 0.0  | 2.5°   | 61.1   | 60.0   |
| 0.0    | 0.0  | 5°     | 64.5   | 63.4   |
| 0.0    | 0.0  | 7.5°   | 71.3   | 69.0   |
| 0.0    | 0.0  | 10°    | 78.1   | 75.8   |
| 0.0    | 0.0  | 12.5°  | 88.3   | 84.9   |
| 0.0    | 0.0  | 15°    | 99.6   | 92.8   |
| 0.0    | 0.0  | 17.5°  | 118.8  | 104.1  |
| 0.0    | 0.0  | 20°    | 160.7  | 123.4  |
| 0.0    | 0.0  | 22.5°  | 226.4  | 153.9  |
| 0.0    | 0.0  | 25°    | 332.8  | 212.8  |
| 0.0    | 0.0  | 27.5°  | 462.9  | 283.0  |
| 0.0    | 0.0  | 30°    | 615.7  | 354.3  |
| 0.0    | 0.0  | 32.5°  | 750.4  | 422.2  |
| 0.0    | 0.0  | 35°    | 925.9  | 491.2  |
| 0.0    | 0.0  | 37.5°  | 1142.1 | 579.5  |
| 0.0    | 0.0  | 40°    | 1477.1 | 713.1  |
| 0.0    | 0.0  | 42.5°  | 2080.4 | 959.8  |
| 0.0    | 0.0  | 45°    | 3378.7 | 1659.3 |
| 0.0    | 0.0  | 47.5°  | 5198.7 | 2744.8 |
| 0.0    | 0.0  | 50°    | 6360.1 | 3503.2 |
| 0.0    | 0.0  | 52.5°  | 6455.1 | 3497.5 |
| 0.0    | 0.0  | 55°    | 5892.6 | 3109.3 |
| 0.0    | 0.0  | 57.5°  | 5027.8 | 2598.8 |
| 0.0    | 0.0  | 60°    | 4178.9 | 2055.5 |
| 0.0    | 0.0  | 62.5°  | 3292.7 | 1419.4 |
| 0.0    | 0.0  | 65°    | 2406.4 | 1004.0 |
| 0.0    | 0.0  | 67.5°  | 1728.4 | 750.4  |
|        |      | 70°    | 1136.4 | 575.0  |
|        |      | 72.5°  | 740.3  | 468.6  |
|        |      | 75°    | 498.0  | 388.2  |
|        |      | 77.5°  | 290.9  | 258.1  |
|        |      | 80°    | 103.0  | 90.6   |
|        |      | 82.5°  | 19.2   | 13.6   |
|        |      | 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: P1064858

CATALOG NUMBER: GLAN-SA4B-840-U-RBC

**CANDELA DISTRIBUTION (continued):**

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

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

Report Prepared for

Cooper Lighting Solutions

McGraw-Edison

Report Number: SP1-2407-184-11

Test Date: 10/11/2024

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

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

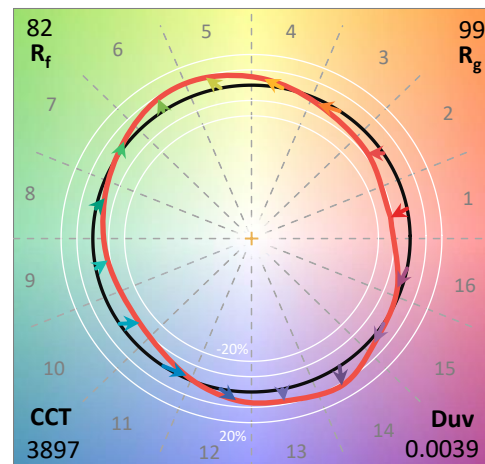
### Test Information

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

### Spectral Parameters

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

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



### Test Conditions

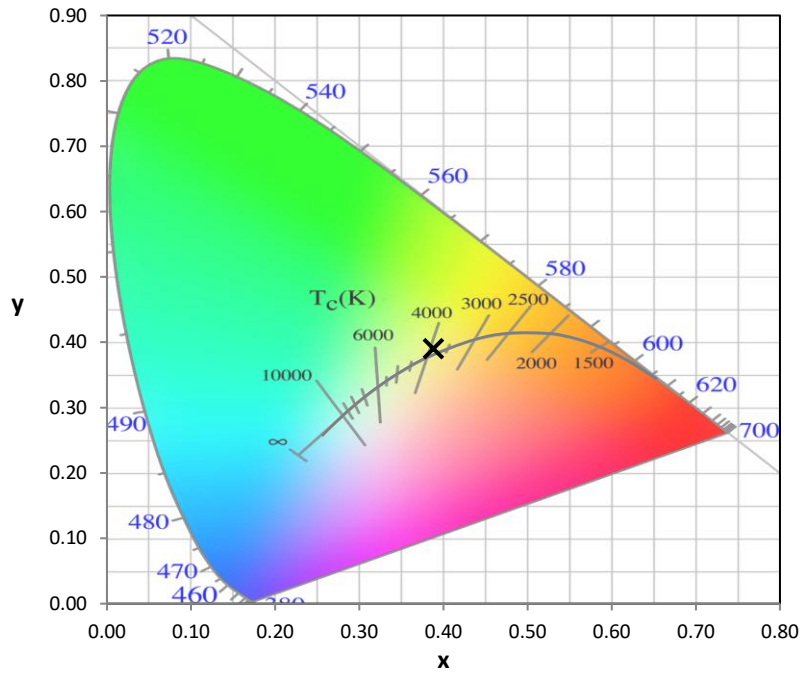
Stabilization Time: 24M  
 Operation Time: 1H 24M  
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-11

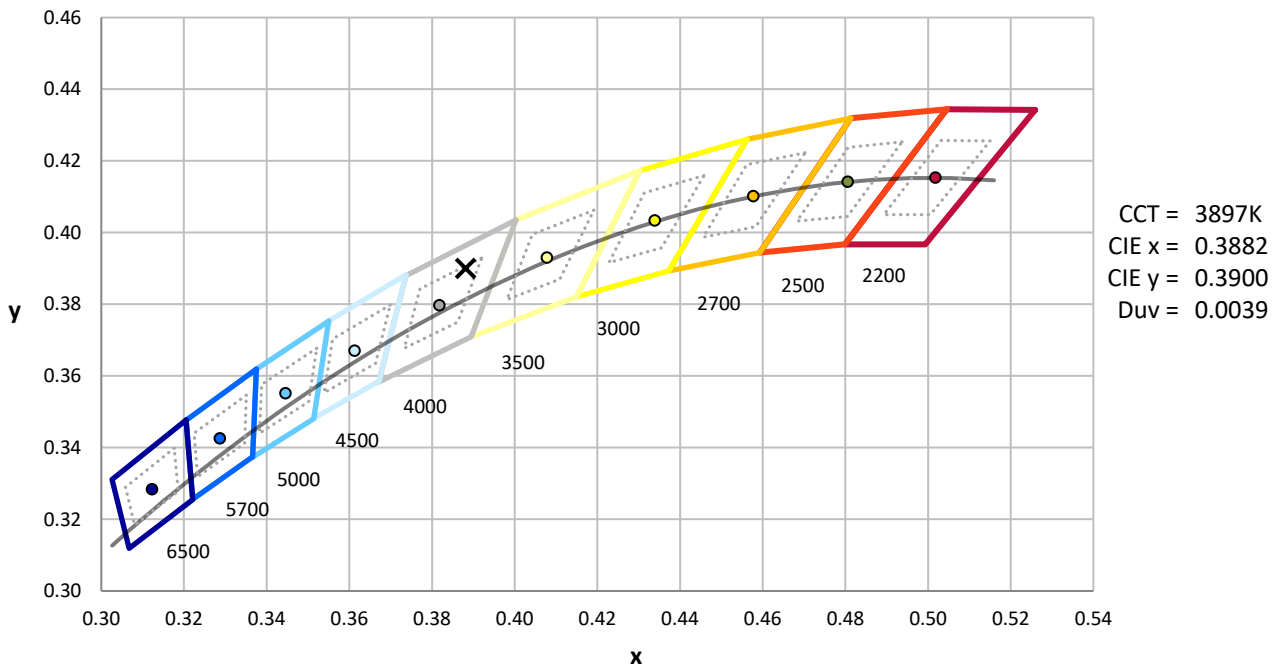
| Measurement and Test Equipment |                       |                  |                      |
|--------------------------------|-----------------------|------------------|----------------------|
| Instrument                     | Identification Number | Calibration Date | Calibration Due Date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

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**CIE 1931 Chromaticity Diagram**



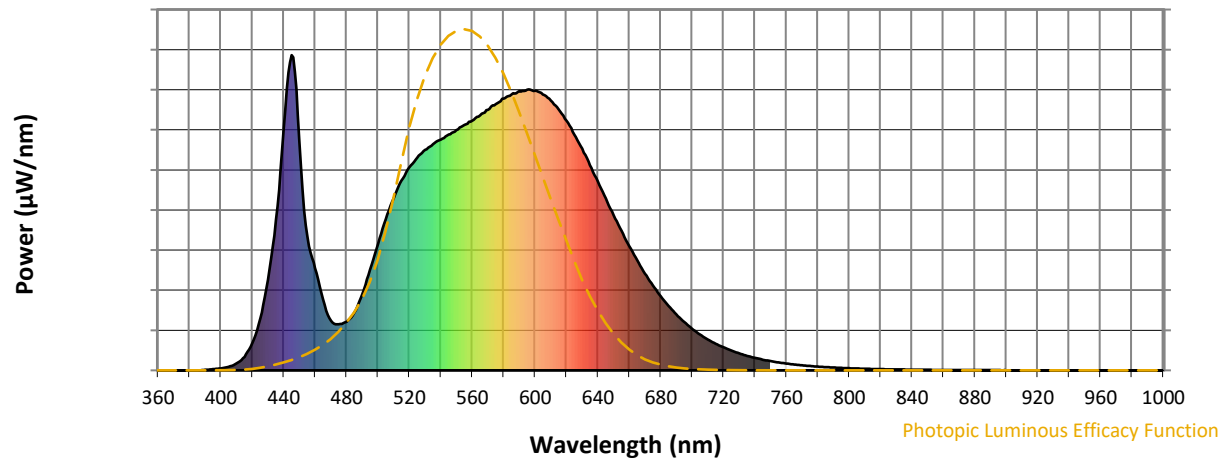
**CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles**



Point lies inside the ANSI 4000K 4-step quadrangle

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### Photopic Flux vs. Wavelength

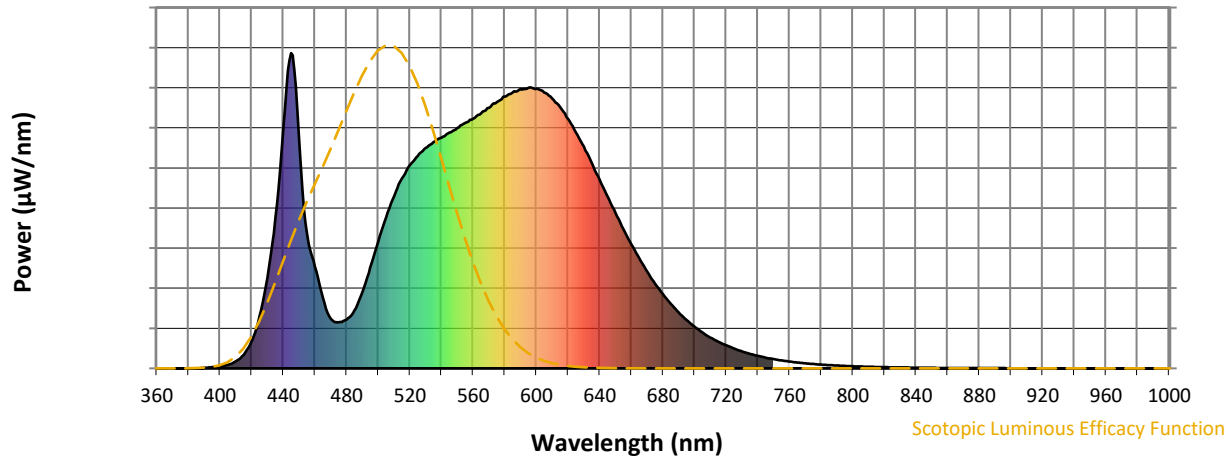


### Photopic Lumens: NR

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

REPORT NUMBER: SP1-2407-184-11

### Scotopic Flux vs. Wavelength



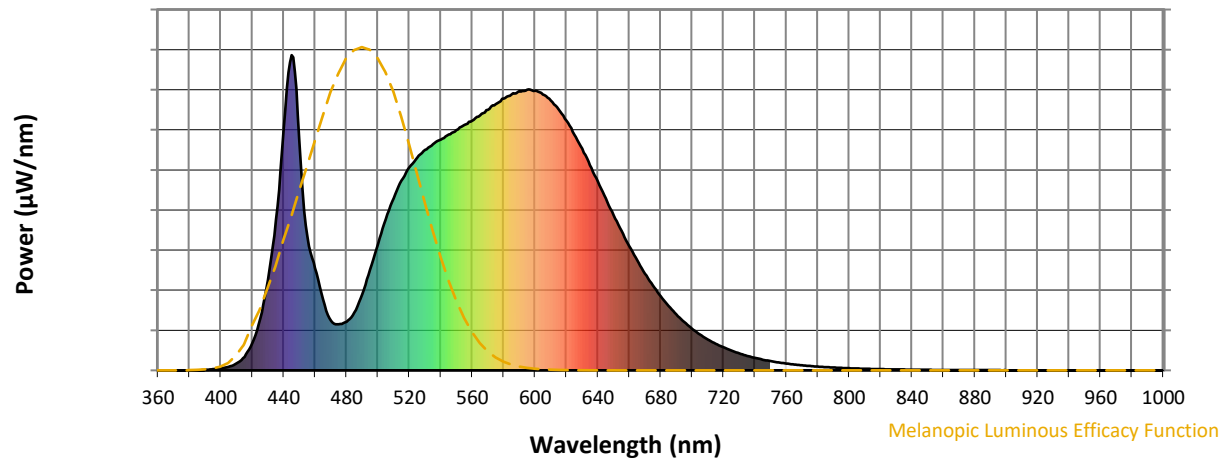
Scotopic Lumens: NR

S/P: 1.57

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

REPORT NUMBER: SP1-2407-184-11

### Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 3.06

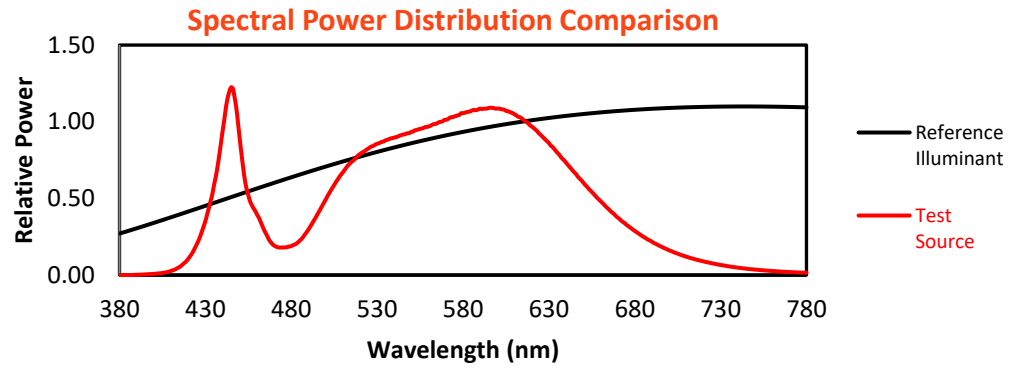
| λ<br>(nm) | Power<br>W <sup>^</sup> /nm | Lumens<br>(φ/nm) | λ<br>(nm) | Power<br>W <sup>^</sup> /nm | Lumens<br>(φ/nm) | λ<br>(nm) | Power<br>W <sup>^</sup> /nm | Lumens<br>(φ/nm) | λ<br>(nm) | Power<br>W <sup>^</sup> /nm | Lumens<br>(φ/nm) | λ<br>(nm) | Power<br>W <sup>^</sup> /nm | Lumens<br>(φ/nm)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

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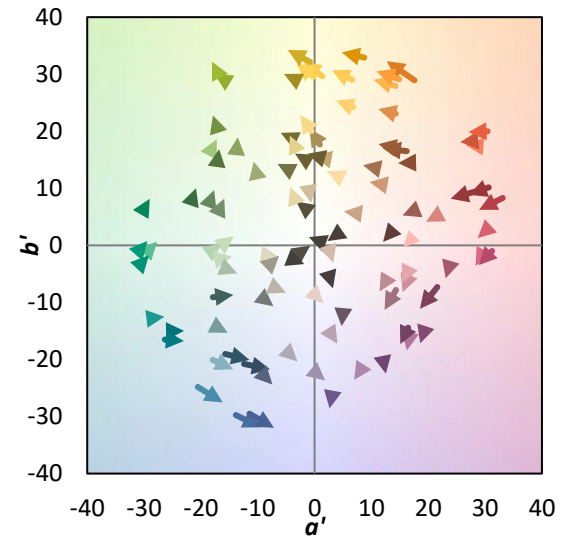
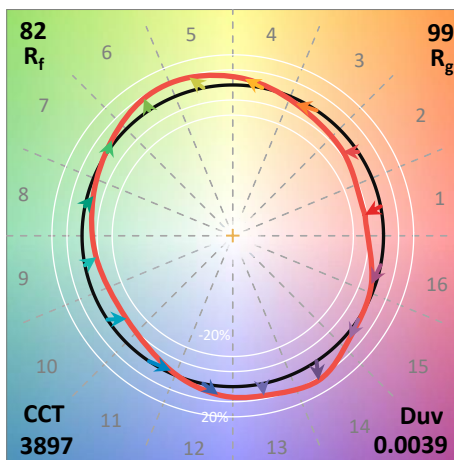
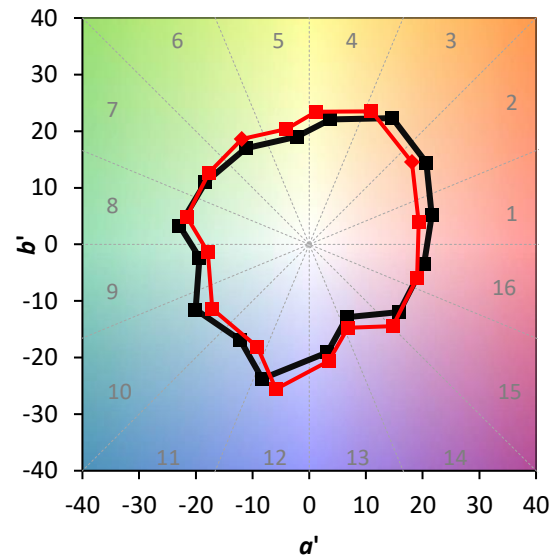
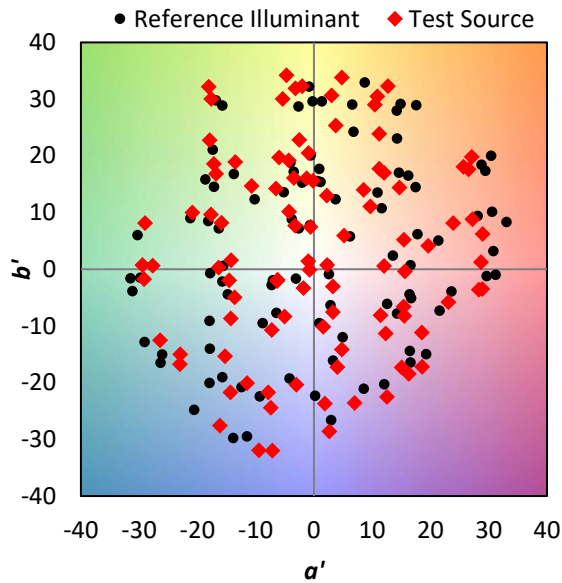
TM-30-18

### Summary

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

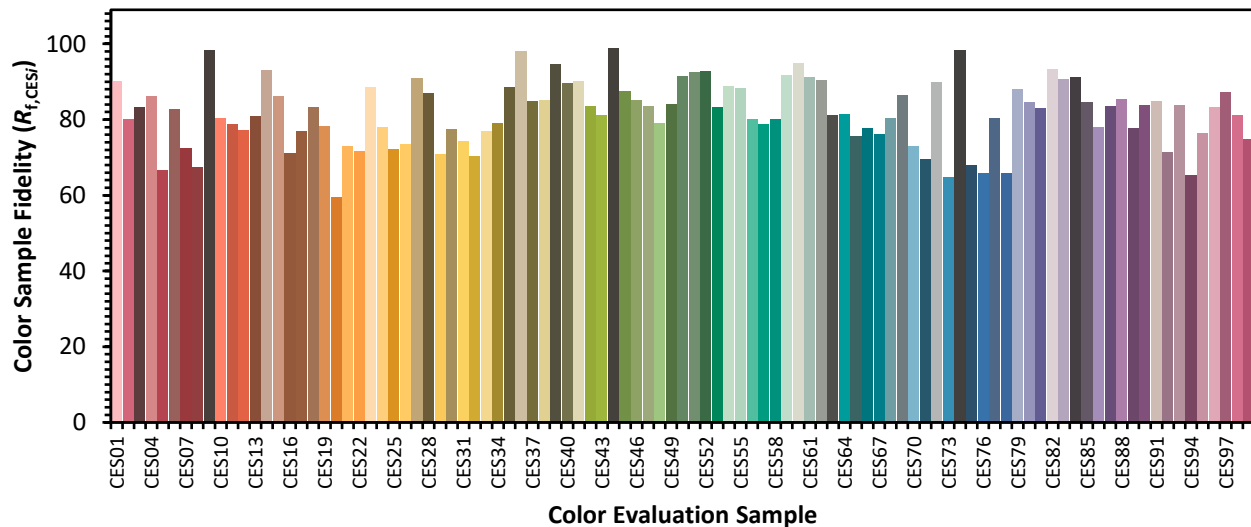


### Color Vector Graphics

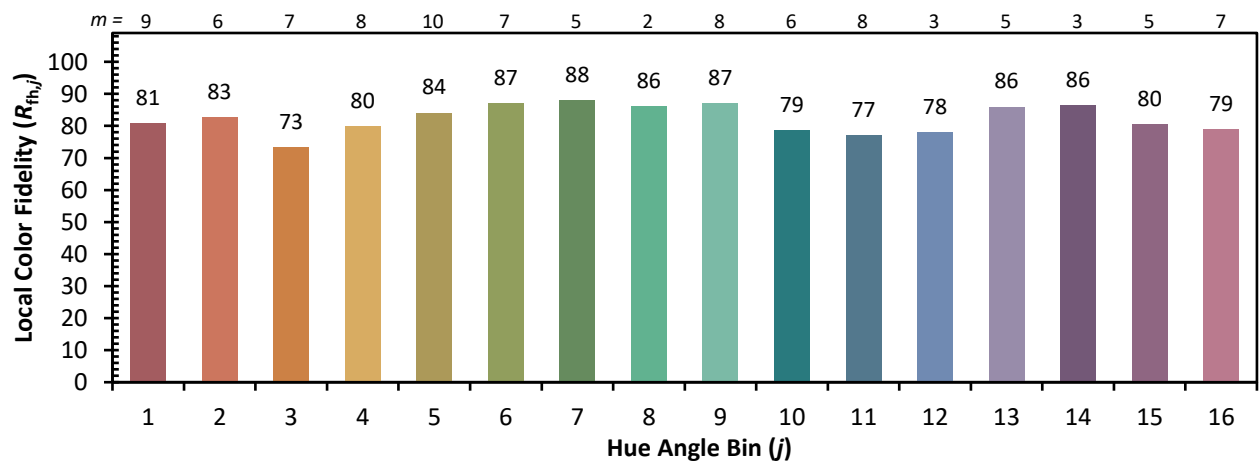
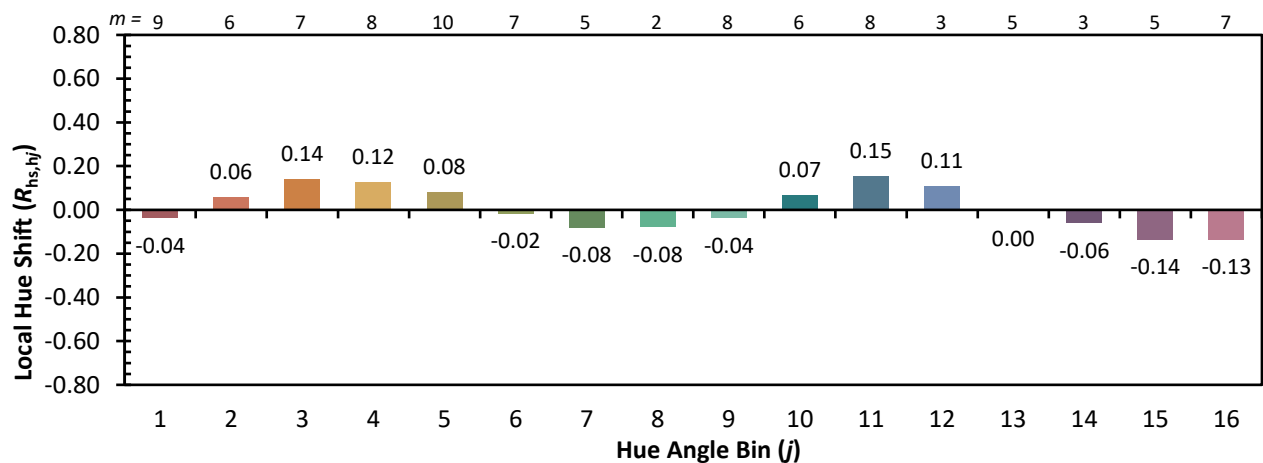
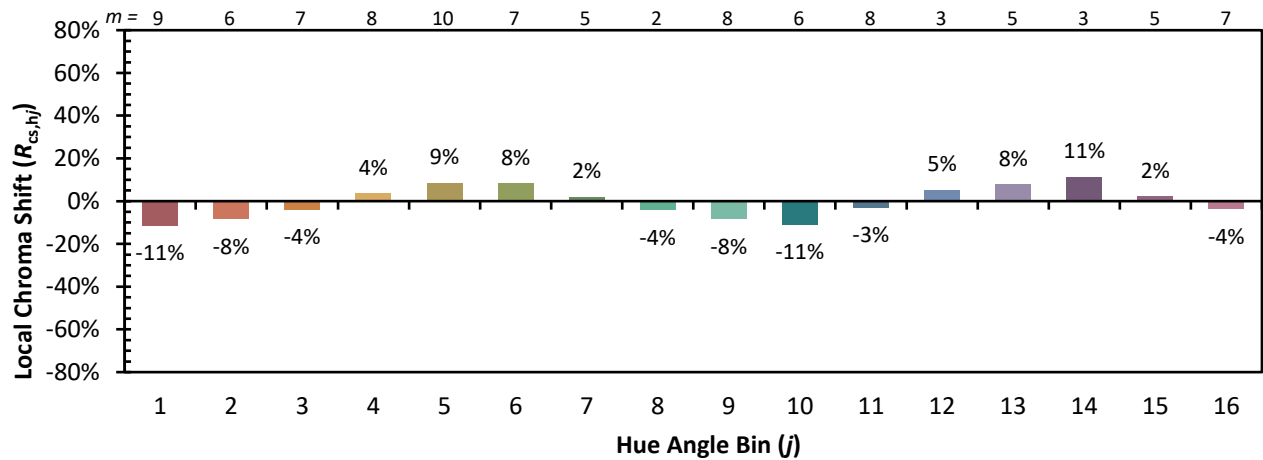


**Individual Sample Fidelity Index ( $R_{f,i}$ )**

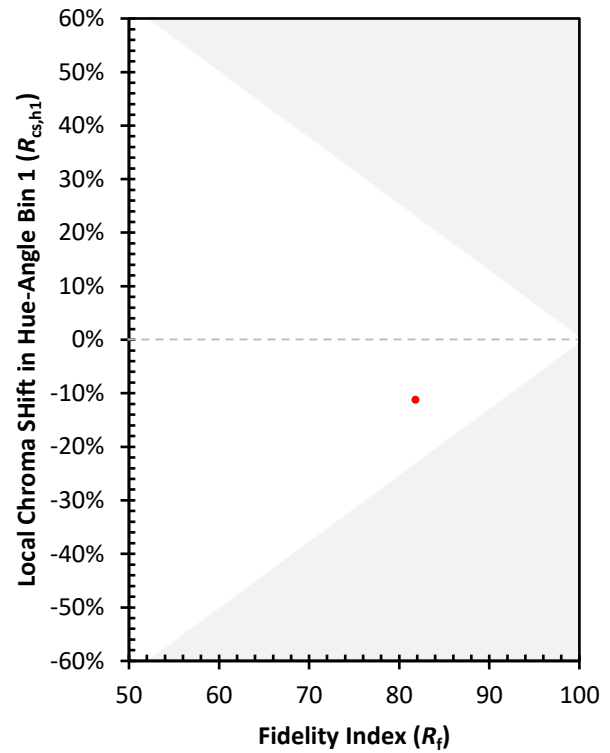
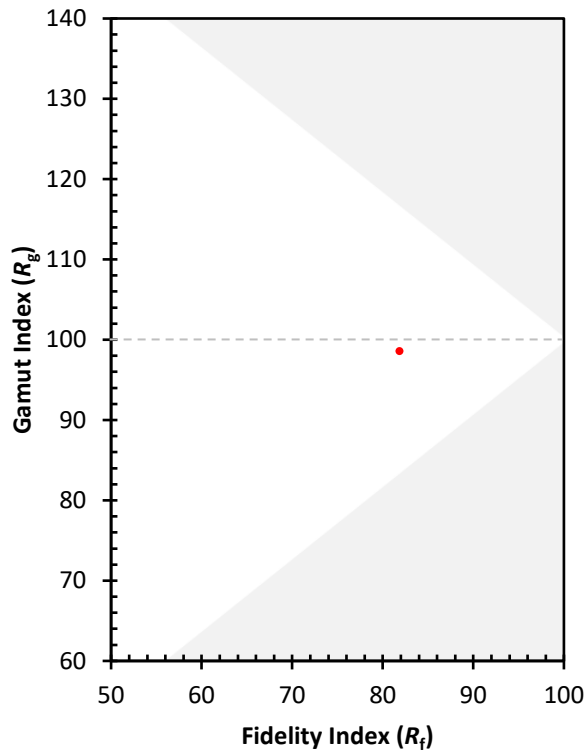
|            |            |            |            |
|------------|------------|------------|------------|
| CES01 = 85 | CES26 = 73 | CES51 = 93 | CES76 = 66 |
| CES02 = 61 | CES27 = 91 | CES52 = 93 | CES77 = 80 |
| CES03 = 31 | CES28 = 87 | CES53 = 83 | CES78 = 66 |
| CES04 = 69 | CES29 = 71 | CES54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



### Color Rendition by Hue-Angle Bin



**Measure Comparisons**



(END OF REPORT)