

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



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

Test Report Prepared for  
Cooper Lighting Solutions  
(formerly Eaton)

Brand: McGRAW-EDISON

Report Number: P1049131

Luminaire Tested: **GALN-SA8C-827-U-RBC**

Issue Date: 07/10/2025

**Test Information**

Test Method: LM-79-08  
Report Number: P1049131  
Test Lab: INNOVATION CENTER(G3)  
Issue Date: 07/10/2025  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: MCGRAW-EDISON  
Catalog Number: GALN-SA8C-827-U-RBC  
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 1050mA 8xLight Square PACKAGE  
80CRI 2700K FIXTURE w/ RIGHT CORNER BACKLIGHT CONTROL  
Light Source: (112) 2700K CCT, 80 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 34596.4 lumens  
Efficiency: N/A  
Efficacy: 92.8 lumens/watt  
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')  
IES Classification: Type III - Short  
BUG Rating: B0 - U0 - G5

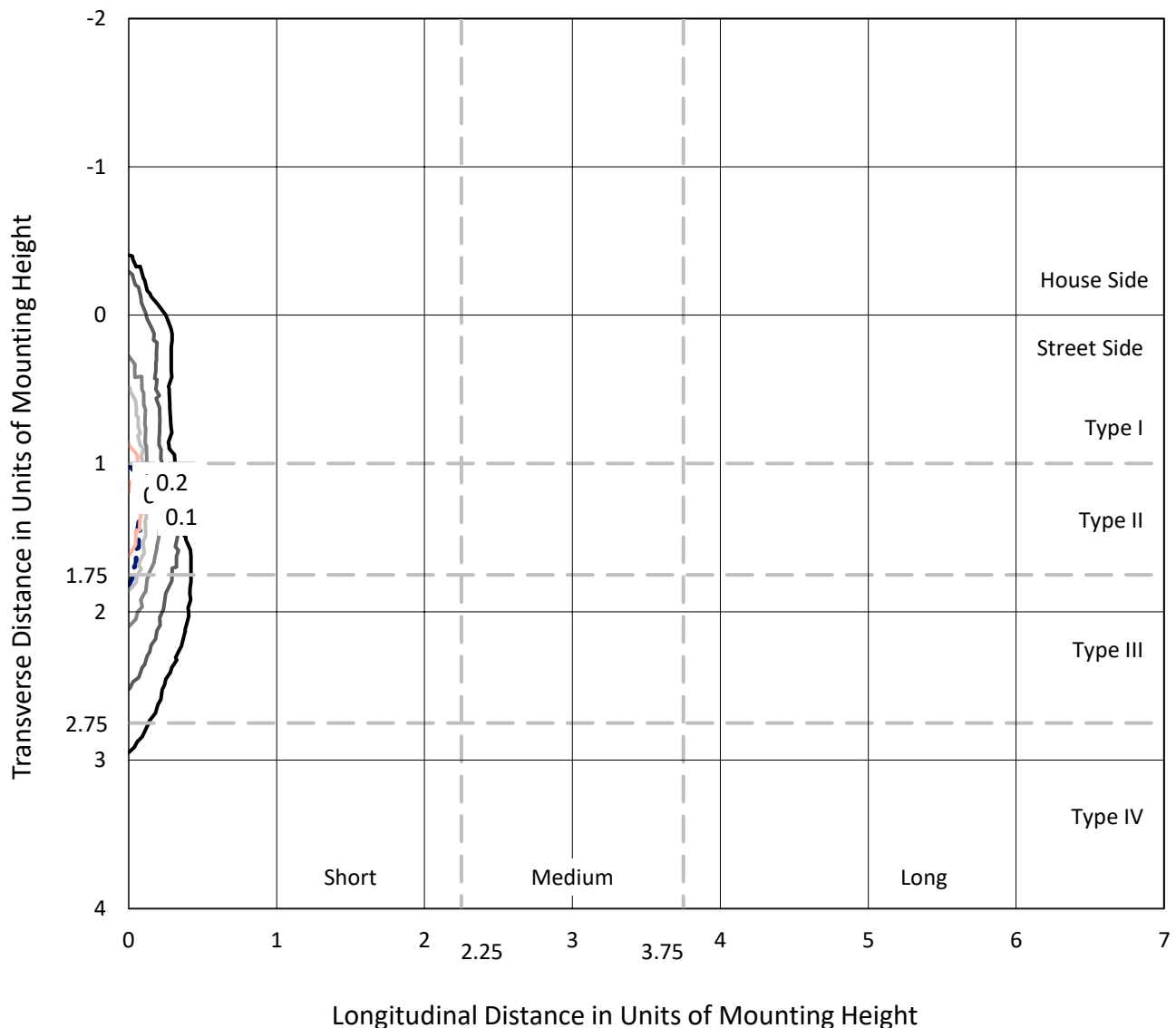
Input Watts (W): 372.9  
Input Voltage (V): 120  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: 0.97  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 28.75 FT

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## Iso-Footcandle Lines of Horizontal Illumination

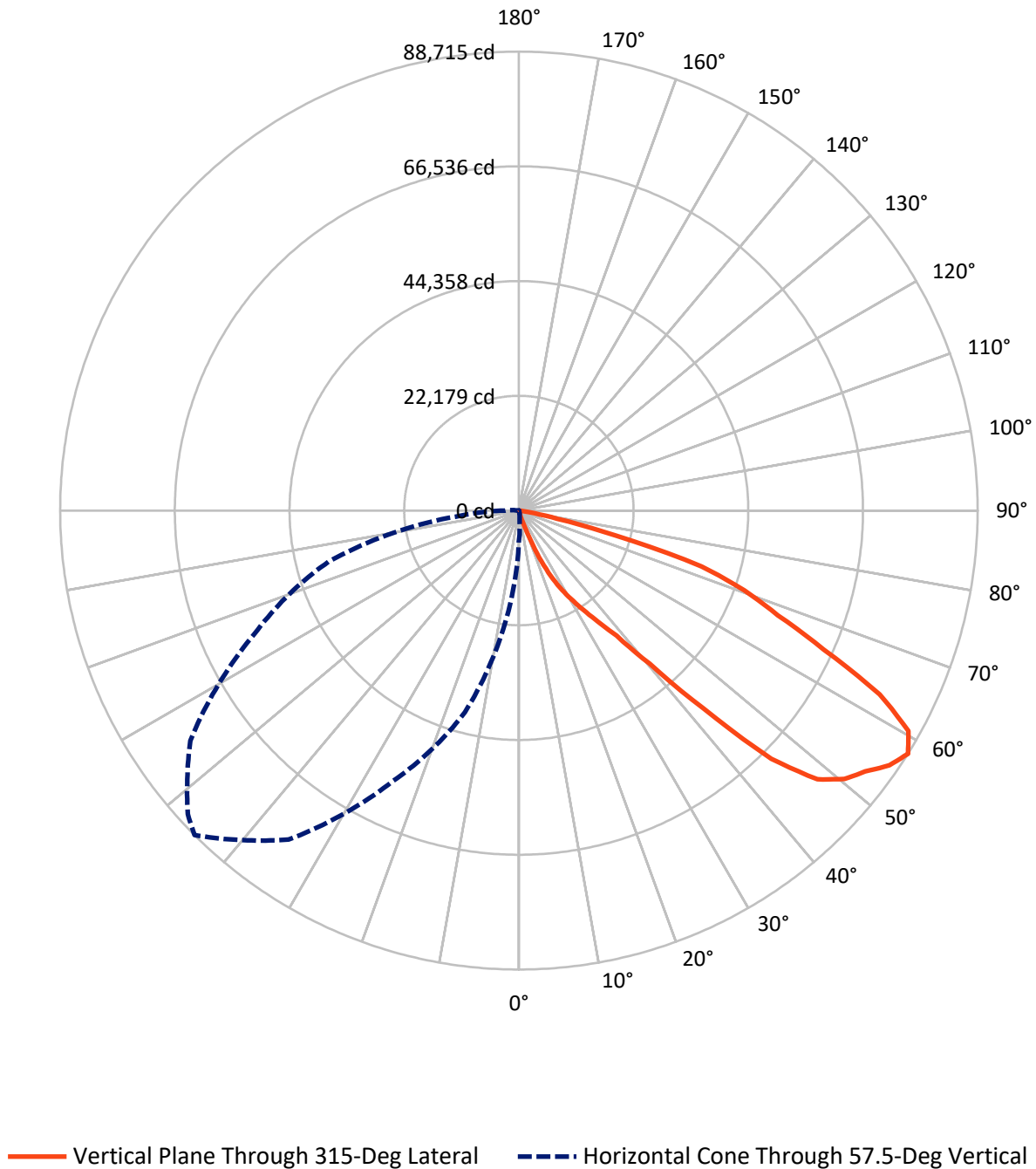
× Max cd  
 - - - 1/2 Max cd



Based on 20 foot mounting height. Maximum calculated value = 5.1 fc  
 Type III - Short - N/A

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## Luminous Intensity Polar Plot



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CATALOG NUMBER: GALN-SA8C-827-U-RBC

**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total   |
|--------------------|-----------|----------|--------|---------|
| <b>House Side</b>  | Lumens    | 173.2    | 0.0    | 173.2   |
|                    | % Fixture | 0.5      | 0.0    | 0.5     |
| <b>Street Side</b> | Lumens    | 34423.1  | 0.0    | 34423.1 |
|                    | % Fixture | 99.5     | 0.0    | 99.5    |
| <b>Total</b>       | Lumens    | 34596.4  | 0.0    | 34596.4 |
|                    | % Fixture | 100.0    | 0.0    | 100.0   |

**ZONAL LUMENS:**

| Zone      | Lumens  | % Fixture |
|-----------|---------|-----------|
| 0°-10°    | 13.6    | 0.0       |
| 10°-20°   | 76.0    | 0.2       |
| 20°-30°   | 819.9   | 2.4       |
| 30°-40°   | 2424.5  | 7.0       |
| 40°-50°   | 7225.8  | 20.9      |
| 50°-60°   | 11457.5 | 33.1      |
| 60°-70°   | 9564.2  | 27.6      |
| 70°-80°   | 2949.2  | 8.5       |
| 80°-90°   | 65.6    | 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°    | 34596.4 | 100.0     |
| 0°-180°   | 34596.4 | 100.0     |

**Coefficient of Utilization**



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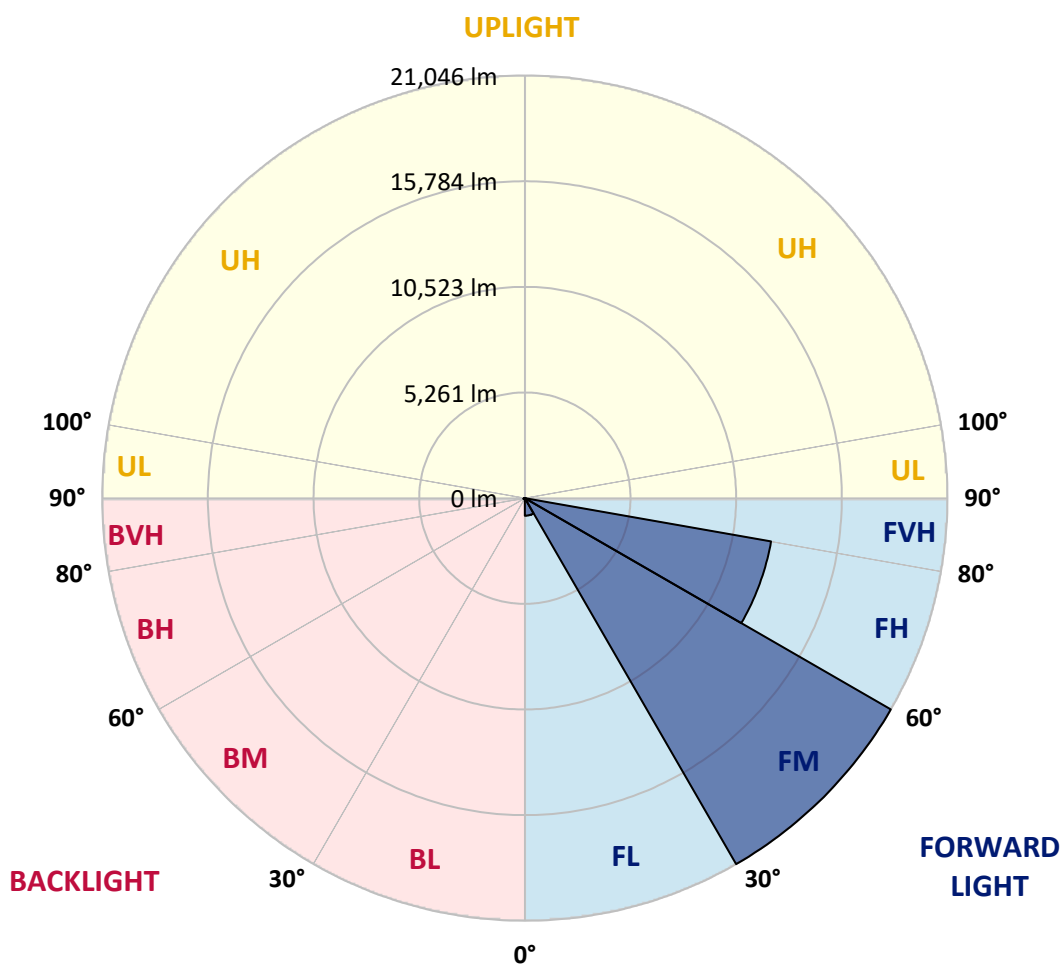
CATALOG NUMBER: GALN-SA8C-827-U-RBC

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

| Zone |             | Lumens  | % Fixture | Zone Rating/Lumen Limit |      |        |
|------|-------------|---------|-----------|-------------------------|------|--------|
|      |             |         |           | B                       | U    | G      |
| FL   | (0°-30°)    | 877.6   | 2.5       |                         |      |        |
| FM   | (30°-60°)   | 21045.9 | 60.8      |                         |      |        |
| FH   | (60°-80°)   | 12448.9 | 36.0      |                         |      | G5     |
| FVH  | (80°-90°)   | 50.7    | 0.1       |                         |      | G1/100 |
| BL   | (0°-30°)    | 31.8    | 0.1       | B0/110                  |      |        |
| BM   | (30°-60°)   | 61.9    | 0.2       | B0/220                  |      |        |
| BH   | (60°-80°)   | 64.6    | 0.2       | B0/110                  |      | G0/110 |
| BVH  | (80°-90°)   | 14.9    | 0.0       |                         |      | G1/100 |
| UL   | (90°-100°)  | 0.0     | 0.0       |                         | U0/0 |        |
| UH   | (100°-180°) | 0.0     | 0.0       |                         | U0/0 |        |

**BUG Rating: B0-U0-G5**

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°     | 151.6  | 151.6  | 151.6  | 151.6  | 151.6 | 151.6 | 151.6 | 151.6 | 151.6 | 151.6 |
| 2.5°   | 138.6  | 138.6  | 138.6  | 138.6  | 135.9 | 135.9 | 133.3 | 133.3 | 130.7 | 130.7 |
| 5°     | 146.4  | 146.4  | 143.8  | 141.2  | 141.2 | 138.6 | 135.9 | 133.3 | 133.3 | 130.7 |
| 7.5°   | 159.5  | 156.9  | 154.3  | 151.6  | 146.4 | 143.8 | 138.6 | 135.9 | 133.3 | 128.1 |
| 10°    | 175.2  | 169.9  | 164.7  | 159.5  | 154.3 | 149.0 | 143.8 | 141.2 | 135.9 | 133.3 |
| 12.5°  | 196.1  | 188.2  | 177.8  | 169.9  | 164.7 | 156.9 | 151.6 | 146.4 | 138.6 | 133.3 |
| 15°    | 214.4  | 203.9  | 190.9  | 180.4  | 172.6 | 162.1 | 154.3 | 146.4 | 141.2 | 133.3 |
| 17.5°  | 240.5  | 222.2  | 201.3  | 188.2  | 177.8 | 164.7 | 151.6 | 143.8 | 135.9 | 125.5 |
| 20°    | 285.0  | 248.4  | 209.2  | 193.5  | 177.8 | 162.1 | 146.4 | 135.9 | 128.1 | 117.6 |
| 22.5°  | 355.6  | 292.8  | 230.1  | 206.5  | 185.6 | 162.1 | 141.2 | 130.7 | 120.3 | 109.8 |
| 25°    | 491.5  | 379.1  | 266.7  | 235.3  | 203.9 | 172.6 | 141.2 | 128.1 | 117.6 | 104.6 |
| 27.5°  | 653.6  | 486.3  | 316.3  | 271.9  | 230.1 | 185.6 | 141.2 | 125.5 | 112.4 | 96.7  |
| 30°    | 818.3  | 596.1  | 371.2  | 313.7  | 256.2 | 198.7 | 141.2 | 122.9 | 107.2 | 88.9  |
| 32.5°  | 975.2  | 698.0  | 418.3  | 350.3  | 282.4 | 211.8 | 143.8 | 122.9 | 102.0 | 81.0  |
| 35°    | 1134.7 | 781.7  | 426.1  | 355.6  | 285.0 | 211.8 | 141.2 | 117.6 | 96.7  | 73.2  |
| 37.5°  | 1338.6 | 875.8  | 410.5  | 339.9  | 271.9 | 201.3 | 133.3 | 112.4 | 91.5  | 68.0  |
| 40°    | 1647.1 | 1032.7 | 418.3  | 345.1  | 271.9 | 198.7 | 125.5 | 104.6 | 86.3  | 65.4  |
| 42.5°  | 2217.0 | 1336.0 | 452.3  | 368.6  | 285.0 | 198.7 | 115.0 | 96.7  | 81.0  | 62.7  |
| 45°    | 3832.7 | 2219.6 | 606.5  | 481.1  | 355.6 | 230.1 | 104.6 | 88.9  | 75.8  | 60.1  |
| 47.5°  | 6340.0 | 3715.1 | 1090.2 | 841.8  | 596.1 | 347.7 | 102.0 | 88.9  | 75.8  | 60.1  |
| 50°    | 8091.6 | 4732.1 | 1372.6 | 1056.2 | 739.9 | 423.5 | 107.2 | 91.5  | 78.4  | 62.7  |
| 52.5°  | 8078.5 | 4805.3 | 1529.4 | 1173.9 | 820.9 | 465.4 | 112.4 | 96.7  | 83.7  | 68.0  |
| 55°    | 7181.8 | 4371.3 | 1558.2 | 1197.4 | 839.2 | 478.4 | 120.3 | 104.6 | 88.9  | 73.2  |
| 57.5°  | 6002.7 | 3712.5 | 1422.2 | 1100.7 | 781.7 | 460.1 | 138.6 | 120.3 | 104.6 | 86.3  |
| 60°    | 4747.8 | 2928.1 | 1108.5 | 875.8  | 645.8 | 413.1 | 183.0 | 159.5 | 138.6 | 115.0 |
| 62.5°  | 3278.5 | 2122.9 | 967.3  | 776.5  | 588.2 | 397.4 | 209.2 | 185.6 | 164.7 | 141.2 |
| 65°    | 2319.0 | 1597.4 | 873.2  | 711.1  | 551.6 | 389.5 | 227.5 | 201.3 | 177.8 | 151.6 |
| 67.5°  | 1733.4 | 1270.6 | 805.2  | 666.7  | 528.1 | 389.5 | 251.0 | 219.6 | 190.9 | 159.5 |
| 70°    | 1328.1 | 1043.2 | 755.6  | 643.1  | 533.3 | 420.9 | 308.5 | 264.1 | 222.2 | 177.8 |
| 72.5°  | 1082.4 | 891.5  | 698.0  | 617.0  | 536.0 | 454.9 | 373.9 | 316.3 | 258.8 | 198.7 |
| 75°    | 896.7  | 763.4  | 630.1  | 562.1  | 496.7 | 428.8 | 360.8 | 308.5 | 258.8 | 206.5 |
| 77.5°  | 596.1  | 543.8  | 488.9  | 449.7  | 410.5 | 368.6 | 329.4 | 285.0 | 243.1 | 198.7 |
| 80°    | 209.2  | 201.3  | 193.5  | 209.2  | 224.8 | 240.5 | 256.2 | 224.8 | 196.1 | 164.7 |
| 82.5°  | 31.4   | 28.8   | 26.1   | 28.8   | 31.4  | 34.0  | 36.6  | 39.2  | 41.8  | 44.4  |
| 85°    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 87.5°  | 0.0    | 0.0    | 0.0    | 0.0    | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 90°    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 92.5°  | 0.0    | 0.0    | 0.0    | 0.0    | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 95°    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 97.5°  | 0.0    | 0.0    | 0.0    | 0.0    | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 100°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 102.5° | 0.0    | 0.0    | 0.0    | 0.0    | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 105°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 107.5° | 0.0    | 0.0    | 0.0    | 0.0    | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 110°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |

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**CANDELA DISTRIBUTION (continued):**

| 25°   |        | 0°  | 2.5° | 5°  | 7.5° | 10° | 12.5° | 15° | 17.5° | 20° | 22.5° |
|-------|--------|-----|------|-----|------|-----|-------|-----|-------|-----|-------|
| 151.6 | 112.5° | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   |
| 128.1 | 115°   | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   |
| 128.1 | 117.5° | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   |
| 125.5 | 120°   | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   |
| 128.1 | 122.5° | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   |
| 125.5 | 125°   | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   |
| 125.5 | 127.5° | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   |
| 117.6 | 130°   | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   |
| 109.8 | 132.5° | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   |
| 99.3  | 135°   | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   |
| 94.1  | 137.5° | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   |
| 81.0  | 140°   | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   |
| 70.6  | 142.5° | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   |
| 60.1  | 145°   | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   |
| 52.3  | 147.5° | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   |
| 47.1  | 150°   | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   |
| 44.4  | 152.5° | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   |
| 44.4  | 155°   | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   |
| 47.1  | 157.5° | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   |
| 47.1  | 160°   | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   |
| 49.7  | 162.5° | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   |
| 52.3  | 165°   | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   |
| 57.5  | 167.5° | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   |
| 70.6  | 170°   | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   |
| 91.5  | 172.5° | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   |
| 117.6 | 175°   | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   |
| 125.5 | 177.5° | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   |
| 128.1 | 180°   | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   |
| 135.9 |        |     |      |     |      |     |       |     |       |     |       |
| 141.2 |        |     |      |     |      |     |       |     |       |     |       |
| 154.3 |        |     |      |     |      |     |       |     |       |     |       |
| 154.3 |        |     |      |     |      |     |       |     |       |     |       |
| 135.9 |        |     |      |     |      |     |       |     |       |     |       |
| 47.1  |        |     |      |     |      |     |       |     |       |     |       |
| 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   |        |     |      |     |      |     |       |     |       |     |       |

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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°     | 151.6 | 151.6 | 151.6 | 151.6 | 151.6 | 151.6 | 151.6 | 151.6 | 151.6 | 151.6 |
| 0.0 | 2.5°   | 128.1 | 128.1 | 125.5 | 125.5 | 125.5 | 122.9 | 122.9 | 120.3 | 120.3 | 120.3 |
| 0.0 | 5°     | 125.5 | 125.5 | 122.9 | 120.3 | 117.6 | 117.6 | 115.0 | 112.4 | 112.4 | 109.8 |
| 0.0 | 7.5°   | 122.9 | 120.3 | 117.6 | 115.0 | 112.4 | 109.8 | 107.2 | 104.6 | 104.6 | 102.0 |
| 0.0 | 10°    | 125.5 | 120.3 | 117.6 | 112.4 | 109.8 | 107.2 | 102.0 | 99.3  | 96.7  | 96.7  |
| 0.0 | 12.5°  | 120.3 | 117.6 | 112.4 | 107.2 | 104.6 | 99.3  | 96.7  | 91.5  | 88.9  | 88.9  |
| 0.0 | 15°    | 120.3 | 115.0 | 107.2 | 102.0 | 96.7  | 94.1  | 88.9  | 83.7  | 81.0  | 78.4  |
| 0.0 | 17.5°  | 112.4 | 107.2 | 99.3  | 94.1  | 88.9  | 83.7  | 78.4  | 73.2  | 70.6  | 68.0  |
| 0.0 | 20°    | 102.0 | 96.7  | 88.9  | 81.0  | 75.8  | 70.6  | 65.4  | 60.1  | 57.5  | 54.9  |
| 0.0 | 22.5°  | 91.5  | 86.3  | 78.4  | 70.6  | 65.4  | 60.1  | 52.3  | 47.1  | 44.4  | 39.2  |
| 0.0 | 25°    | 86.3  | 78.4  | 70.6  | 62.7  | 54.9  | 49.7  | 41.8  | 34.0  | 28.8  | 23.5  |
| 0.0 | 27.5°  | 73.2  | 65.4  | 57.5  | 49.7  | 41.8  | 34.0  | 26.1  | 18.3  | 13.1  | 10.5  |
| 0.0 | 30°    | 62.7  | 54.9  | 47.1  | 39.2  | 28.8  | 20.9  | 13.1  | 2.6   | 2.6   | 2.6   |
| 0.0 | 32.5°  | 52.3  | 44.4  | 34.0  | 26.1  | 20.9  | 13.1  | 7.8   | 0.0   | 0.0   | 0.0   |
| 0.0 | 35°    | 41.8  | 34.0  | 23.5  | 15.7  | 13.1  | 7.8   | 5.2   | 0.0   | 0.0   | 0.0   |
| 0.0 | 37.5°  | 36.6  | 28.8  | 18.3  | 7.8   | 5.2   | 5.2   | 2.6   | 0.0   | 0.0   | 0.0   |
| 0.0 | 40°    | 34.0  | 23.5  | 13.1  | 2.6   | 2.6   | 2.6   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.0 | 42.5°  | 34.0  | 23.5  | 10.5  | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.0 | 45°    | 34.0  | 23.5  | 10.5  | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.0 | 47.5°  | 34.0  | 23.5  | 10.5  | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.0 | 50°    | 36.6  | 26.1  | 13.1  | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.0 | 52.5°  | 41.8  | 31.4  | 20.9  | 10.5  | 7.8   | 5.2   | 2.6   | 0.0   | 0.0   | 0.0   |
| 0.0 | 55°    | 52.3  | 47.1  | 39.2  | 34.0  | 26.1  | 18.3  | 7.8   | 0.0   | 0.0   | 0.0   |
| 0.0 | 57.5°  | 68.0  | 68.0  | 65.4  | 62.7  | 47.1  | 31.4  | 15.7  | 0.0   | 0.0   | 0.0   |
| 0.0 | 60°    | 91.5  | 91.5  | 91.5  | 91.5  | 68.0  | 47.1  | 23.5  | 0.0   | 0.0   | 0.0   |
| 0.0 | 62.5°  | 112.4 | 107.2 | 99.3  | 94.1  | 70.6  | 47.1  | 23.5  | 0.0   | 0.0   | 0.0   |
| 0.0 | 65°    | 112.4 | 102.0 | 88.9  | 75.8  | 57.5  | 39.2  | 18.3  | 0.0   | 0.0   | 0.0   |
| 0.0 | 67.5°  | 104.6 | 83.7  | 60.1  | 39.2  | 28.8  | 20.9  | 10.5  | 0.0   | 0.0   | 0.0   |
|     | 70°    | 104.6 | 73.2  | 41.8  | 10.5  | 7.8   | 5.2   | 2.6   | 0.0   | 0.0   | 0.0   |
|     | 72.5°  | 104.6 | 70.6  | 34.0  | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
|     | 75°    | 115.0 | 78.4  | 39.2  | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
|     | 77.5°  | 115.0 | 78.4  | 39.2  | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
|     | 80°    | 102.0 | 68.0  | 34.0  | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
|     | 82.5°  | 34.0  | 23.5  | 10.5  | 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   |



REPORT NUMBER: P1049131

CATALOG NUMBER: GALN-SA8C-827-U-RBC

**CANDELA DISTRIBUTION (continued):**

[illegible]

REPORT NUMBER: P1049131

CATALOG NUMBER: GALN-SA8C-827-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°     | 151.6 | 151.6 | 151.6 | 151.6 | 151.6 | 151.6 | 151.6 | 151.6 | 151.6 | 151.6 |
| 0.0   | 2.5°   | 117.6 | 117.6 | 117.6 | 115.0 | 115.0 | 115.0 | 115.0 | 112.4 | 112.4 | 112.4 |
| 0.0   | 5°     | 107.2 | 107.2 | 104.6 | 104.6 | 102.0 | 102.0 | 99.3  | 99.3  | 96.7  | 96.7  |
| 0.0   | 7.5°   | 99.3  | 96.7  | 96.7  | 94.1  | 91.5  | 91.5  | 88.9  | 88.9  | 86.3  | 83.7  |
| 0.0   | 10°    | 91.5  | 88.9  | 88.9  | 86.3  | 83.7  | 81.0  | 81.0  | 78.4  | 75.8  | 73.2  |
| 0.0   | 12.5°  | 83.7  | 81.0  | 78.4  | 75.8  | 73.2  | 70.6  | 70.6  | 68.0  | 65.4  | 62.7  |
| 0.0   | 15°    | 73.2  | 70.6  | 68.0  | 65.4  | 62.7  | 60.1  | 60.1  | 57.5  | 54.9  | 52.3  |
| 0.0   | 17.5°  | 62.7  | 60.1  | 60.1  | 57.5  | 54.9  | 52.3  | 49.7  | 44.4  | 41.8  | 39.2  |
| 0.0   | 20°    | 47.1  | 44.4  | 41.8  | 39.2  | 36.6  | 31.4  | 28.8  | 23.5  | 18.3  | 15.7  |
| 0.0   | 22.5°  | 31.4  | 26.1  | 23.5  | 18.3  | 13.1  | 10.5  | 7.8   | 2.6   | 0.0   | 0.0   |
| 0.0   | 25°    | 10.5  | 7.8   | 5.2   | 2.6   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.0   | 27.5°  | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.0   | 30°    | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.0   | 32.5°  | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.0   | 35°    | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.0   | 37.5°  | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.0   | 40°    | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.0   | 42.5°  | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.0   | 45°    | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.0   | 47.5°  | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.0   | 50°    | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.0   | 52.5°  | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.0   | 55°    | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.0   | 57.5°  | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.0   | 60°    | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.0   | 62.5°  | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.0   | 65°    | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.0   | 67.5°  | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.0   | 70°    | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.0   | 72.5°  | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.0   | 75°    | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.0   | 77.5°  | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.0   | 80°    | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.0   | 82.5°  | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.0   | 85°    | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.0   | 87.5°  | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.0   | 90°    | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.0   | 92.5°  | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.0   | 95°    | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.0   | 97.5°  | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.0   | 100°   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.0   | 102.5° | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.0   | 105°   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.0   | 107.5° | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.0   | 110°   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |

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[illegible]

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CATALOG NUMBER: GALN-SA8C-827-U-RBC

**CANDELA DISTRIBUTION (continued):**

| 80° |        | 82.5° | 85°   | 87.5° | 90°   | 92.5° | 95°   | 97.5° | 100°  | 102.5° | 105°  |
|-----|--------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|
| 0.0 | 0°     | 151.6 | 151.6 | 151.6 | 151.6 | 151.6 | 151.6 | 151.6 | 151.6 | 151.6  | 151.6 |
| 0.0 | 2.5°   | 109.8 | 109.8 | 109.8 | 107.2 | 107.2 | 107.2 | 107.2 | 107.2 | 107.2  | 107.2 |
| 0.0 | 5°     | 94.1  | 94.1  | 94.1  | 91.5  | 91.5  | 88.9  | 88.9  | 88.9  | 86.3   | 86.3  |
| 0.0 | 7.5°   | 81.0  | 78.4  | 78.4  | 75.8  | 75.8  | 73.2  | 73.2  | 73.2  | 70.6   | 70.6  |
| 0.0 | 10°    | 68.0  | 65.4  | 65.4  | 62.7  | 62.7  | 60.1  | 60.1  | 57.5  | 57.5   | 54.9  |
| 0.0 | 12.5°  | 60.1  | 57.5  | 54.9  | 52.3  | 52.3  | 49.7  | 47.1  | 47.1  | 44.4   | 41.8  |
| 0.0 | 15°    | 47.1  | 44.4  | 41.8  | 39.2  | 36.6  | 34.0  | 31.4  | 31.4  | 28.8   | 26.1  |
| 0.0 | 17.5°  | 31.4  | 26.1  | 23.5  | 20.9  | 20.9  | 18.3  | 15.7  | 13.1  | 10.5   | 7.8   |
| 0.0 | 20°    | 7.8   | 5.2   | 2.6   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0    | 0.0   |
| 0.0 | 22.5°  | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0    | 0.0   |
| 0.0 | 25°    | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0    | 0.0   |
| 0.0 | 27.5°  | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0    | 0.0   |
| 0.0 | 30°    | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0    | 0.0   |
| 0.0 | 32.5°  | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0    | 0.0   |
| 0.0 | 35°    | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0    | 0.0   |
| 0.0 | 37.5°  | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0    | 0.0   |
| 0.0 | 40°    | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0    | 0.0   |
| 0.0 | 42.5°  | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0    | 0.0   |
| 0.0 | 45°    | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0    | 0.0   |
| 0.0 | 47.5°  | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0    | 0.0   |
| 0.0 | 50°    | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0    | 0.0   |
| 0.0 | 52.5°  | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0    | 0.0   |
| 0.0 | 55°    | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0    | 0.0   |
| 0.0 | 57.5°  | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0    | 0.0   |
| 0.0 | 60°    | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0    | 0.0   |
| 0.0 | 62.5°  | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0    | 0.0   |
| 0.0 | 65°    | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0    | 0.0   |
| 0.0 | 67.5°  | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0    | 0.0   |
|     | 70°    | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0    | 0.0   |
|     | 72.5°  | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0    | 0.0   |
|     | 75°    | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0    | 0.0   |
|     | 77.5°  | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0    | 0.0   |
|     | 80°    | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0    | 0.0   |
|     | 82.5°  | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0    | 0.0   |
|     | 85°    | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0    | 0.0   |
|     | 87.5°  | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0    | 0.0   |
|     | 90°    | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0    | 0.0   |
|     | 92.5°  | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0    | 0.0   |
|     | 95°    | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0    | 0.0   |
|     | 97.5°  | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0    | 0.0   |
|     | 100°   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0    | 0.0   |
|     | 102.5° | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0    | 0.0   |
|     | 105°   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0    | 0.0   |
|     | 107.5° | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0    | 0.0   |
|     | 110°   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0    | 0.0   |



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CATALOG NUMBER: GALN-SA8C-827-U-RBC

**CANDELA DISTRIBUTION (continued):**

[illegible]

REPORT NUMBER: P1049131

CATALOG NUMBER: GALN-SA8C-827-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°     | 151.6 | 151.6  | 151.6 | 151.6  | 151.6 | 151.6  | 151.6 | 151.6  | 151.6 | 151.6  |
| 0.0    | 2.5°   | 107.2 | 104.6  | 104.6 | 104.6  | 107.2 | 107.2  | 107.2 | 107.2  | 107.2 | 107.2  |
| 0.0    | 5°     | 86.3  | 83.7   | 83.7  | 83.7   | 83.7  | 83.7   | 83.7  | 83.7   | 83.7  | 83.7   |
| 0.0    | 7.5°   | 70.6  | 68.0   | 68.0  | 68.0   | 68.0  | 65.4   | 65.4  | 65.4   | 65.4  | 65.4   |
| 0.0    | 10°    | 54.9  | 52.3   | 52.3  | 52.3   | 52.3  | 49.7   | 49.7  | 49.7   | 49.7  | 49.7   |
| 0.0    | 12.5°  | 39.2  | 39.2   | 36.6  | 36.6   | 36.6  | 34.0   | 34.0  | 34.0   | 34.0  | 31.4   |
| 0.0    | 15°    | 23.5  | 20.9   | 18.3  | 18.3   | 18.3  | 15.7   | 15.7  | 15.7   | 15.7  | 13.1   |
| 0.0    | 17.5°  | 5.2   | 5.2    | 2.6   | 2.6    | 2.6   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    |
| 0.0    | 20°    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    |
| 0.0    | 22.5°  | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    |
| 0.0    | 25°    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    |
| 0.0    | 27.5°  | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    |
| 0.0    | 30°    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    |
| 0.0    | 32.5°  | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    |
| 0.0    | 35°    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    |
| 0.0    | 37.5°  | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    |
| 0.0    | 40°    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    |
| 0.0    | 42.5°  | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    |
| 0.0    | 45°    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    |
| 0.0    | 47.5°  | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    |
| 0.0    | 50°    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    |
| 0.0    | 52.5°  | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    |
| 0.0    | 55°    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    |
| 0.0    | 57.5°  | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    |
| 0.0    | 60°    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    |
| 0.0    | 62.5°  | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    |
| 0.0    | 65°    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    |
| 0.0    | 67.5°  | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    |
|        | 70°    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    |
|        | 72.5°  | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    |
|        | 75°    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    |
|        | 77.5°  | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    |
|        | 80°    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    |
|        | 82.5°  | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    |
|        | 85°    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    |
|        | 87.5°  | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    |
|        | 90°    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    |
|        | 92.5°  | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    |
|        | 95°    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    |
|        | 97.5°  | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    |
|        | 100°   | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    |
|        | 102.5° | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    |
|        | 105°   | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    |
|        | 107.5° | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    |
|        | 110°   | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    |

CATALOG NUMBER: GALN-SA8C-827-U-RBC

[illegible]

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CATALOG NUMBER: GALN-SA8C-827-U-RBC

**CANDELA DISTRIBUTION (continued):**

| 135° |        | 137.5° | 140°  | 142.5° | 145°  | 147.5° | 150°  | 152.5° | 155°  | 157.5° | 160°  |
|------|--------|--------|-------|--------|-------|--------|-------|--------|-------|--------|-------|
| 0.0  | 0°     | 151.6  | 151.6 | 151.6  | 151.6 | 151.6  | 151.6 | 151.6  | 151.6 | 151.6  | 151.6 |
| 0.0  | 2.5°   | 109.8  | 109.8 | 112.4  | 112.4 | 115.0  | 120.3 | 122.9  | 125.5 | 130.7  | 135.9 |
| 0.0  | 5°     | 86.3   | 88.9  | 88.9   | 91.5  | 94.1   | 96.7  | 99.3   | 102.0 | 107.2  | 112.4 |
| 0.0  | 7.5°   | 68.0   | 68.0  | 70.6   | 70.6  | 73.2   | 78.4  | 81.0   | 83.7  | 88.9   | 96.7  |
| 0.0  | 10°    | 52.3   | 52.3  | 54.9   | 54.9  | 57.5   | 62.7  | 65.4   | 68.0  | 73.2   | 81.0  |
| 0.0  | 12.5°  | 34.0   | 36.6  | 36.6   | 39.2  | 41.8   | 47.1  | 49.7   | 52.3  | 57.5   | 62.7  |
| 0.0  | 15°    | 15.7   | 18.3  | 18.3   | 20.9  | 23.5   | 28.8  | 31.4   | 34.0  | 39.2   | 47.1  |
| 0.0  | 17.5°  | 2.6    | 2.6   | 5.2    | 5.2   | 7.8    | 10.5  | 13.1   | 15.7  | 23.5   | 28.8  |
| 0.0  | 20°    | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 5.2    | 10.5  |
| 0.0  | 22.5°  | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 2.6   |
| 0.0  | 25°    | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   |
| 0.0  | 27.5°  | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   |
| 0.0  | 30°    | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   |
| 0.0  | 32.5°  | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   |
| 0.0  | 35°    | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   |
| 0.0  | 37.5°  | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   |
| 0.0  | 40°    | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   |
| 0.0  | 42.5°  | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   |
| 0.0  | 45°    | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   |
| 0.0  | 47.5°  | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   |
| 0.0  | 50°    | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   |
| 0.0  | 52.5°  | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   |
| 0.0  | 55°    | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   |
| 0.0  | 57.5°  | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   |
| 0.0  | 60°    | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   |
| 0.0  | 62.5°  | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   |
| 0.0  | 65°    | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   |
| 0.0  | 67.5°  | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   |
| 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: P1049131

CATALOG NUMBER: GALN-SA8C-827-U-RBC

**CANDELA DISTRIBUTION (continued):**

[illegible]

REPORT NUMBER: P1049131

CATALOG NUMBER: GALN-SA8C-827-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°     | 151.6 | 151.6  | 151.6 | 151.6  | 151.6 | 151.6  | 151.6 | 151.6  | 151.6 | 151.6  |
| 0.0    | 2.5°   | 143.8 | 149.0  | 154.3 | 159.5  | 164.7 | 169.9  | 172.6 | 177.8  | 180.4 | 183.0  |
| 0.0    | 5°     | 122.9 | 128.1  | 135.9 | 141.2  | 146.4 | 151.6  | 156.9 | 159.5  | 162.1 | 164.7  |
| 0.0    | 7.5°   | 107.2 | 112.4  | 120.3 | 125.5  | 130.7 | 135.9  | 141.2 | 146.4  | 149.0 | 151.6  |
| 0.0    | 10°    | 91.5  | 99.3   | 104.6 | 112.4  | 117.6 | 122.9  | 128.1 | 133.3  | 138.6 | 141.2  |
| 0.0    | 12.5°  | 73.2  | 81.0   | 88.9  | 94.1   | 102.0 | 109.8  | 115.0 | 120.3  | 125.5 | 130.7  |
| 0.0    | 15°    | 57.5  | 65.4   | 73.2  | 78.4   | 86.3  | 94.1   | 102.0 | 107.2  | 112.4 | 117.6  |
| 0.0    | 17.5°  | 41.8  | 49.7   | 57.5  | 62.7   | 70.6  | 78.4   | 83.7  | 91.5   | 96.7  | 102.0  |
| 0.0    | 20°    | 20.9  | 28.8   | 36.6  | 44.4   | 52.3  | 60.1   | 65.4  | 73.2   | 78.4  | 83.7   |
| 0.0    | 22.5°  | 2.6   | 10.5   | 18.3  | 23.5   | 31.4  | 39.2   | 44.4  | 52.3   | 57.5  | 62.7   |
| 0.0    | 25°    | 0.0   | 2.6    | 7.8   | 10.5   | 13.1  | 18.3   | 23.5  | 28.8   | 34.0  | 39.2   |
| 0.0    | 27.5°  | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 2.6    | 5.2   | 10.5   | 15.7  | 20.9   |
| 0.0    | 30°    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 5.2    |
| 0.0    | 32.5°  | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    |
| 0.0    | 35°    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    |
| 0.0    | 37.5°  | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    |
| 0.0    | 40°    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    |
| 0.0    | 42.5°  | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    |
| 0.0    | 45°    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    |
| 0.0    | 47.5°  | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    |
| 0.0    | 50°    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    |
| 0.0    | 52.5°  | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    |
| 0.0    | 55°    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    |
| 0.0    | 57.5°  | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    |
| 0.0    | 60°    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    |
| 0.0    | 62.5°  | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    |
| 0.0    | 65°    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    |
| 0.0    | 67.5°  | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    |
|        | 70°    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    |
|        | 72.5°  | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    |
|        | 75°    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    |
|        | 77.5°  | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    |
|        | 80°    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 2.6    |
|        | 82.5°  | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 2.6    | 2.6   | 5.2    |
|        | 85°    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 5.2    | 7.8   | 13.1   | 15.7  | 18.3   |
|        | 87.5°  | 0.0   | 2.6    | 5.2   | 7.8    | 10.5  | 15.7   | 20.9  | 26.1   | 28.8  | 31.4   |
|        | 90°    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    |
|        | 92.5°  | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    |
|        | 95°    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    |
|        | 97.5°  | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    |
|        | 100°   | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    |
|        | 102.5° | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    |
|        | 105°   | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    |
|        | 107.5° | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    |
|        | 110°   | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    |



REPORT NUMBER: P1049131

CATALOG NUMBER: GALN-SA8C-827-U-RBC

**CANDELA DISTRIBUTION (continued):**

| 190°  |        | 165° | 167.5° | 170° | 172.5° | 175° | 177.5° | 180° | 182.5° | 185° | 187.5° |
|-------|--------|------|--------|------|--------|------|--------|------|--------|------|--------|
| 151.6 | 112.5° | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 183.0 | 115°   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 167.3 | 117.5° | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 154.3 | 120°   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 146.4 | 122.5° | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 133.3 | 125°   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 122.9 | 127.5° | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 109.8 | 130°   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 88.9  | 132.5° | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 68.0  | 135°   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 47.1  | 137.5° | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 26.1  | 140°   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 7.8   | 142.5° | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 0.0   | 145°   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 0.0   | 147.5° | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 0.0   | 150°   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 0.0   | 152.5° | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 0.0   | 155°   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 0.0   | 157.5° | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 0.0   | 160°   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 0.0   | 162.5° | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 0.0   | 165°   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 0.0   | 167.5° | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 0.0   | 170°   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 0.0   | 172.5° | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 0.0   | 175°   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 0.0   | 177.5° | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 0.0   | 180°   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 0.0   |        |      |        |      |        |      |        |      |        |      |        |
| 0.0   |        |      |        |      |        |      |        |      |        |      |        |
| 0.0   |        |      |        |      |        |      |        |      |        |      |        |
| 0.0   |        |      |        |      |        |      |        |      |        |      |        |
| 2.6   |        |      |        |      |        |      |        |      |        |      |        |
| 10.5  |        |      |        |      |        |      |        |      |        |      |        |
| 23.5  |        |      |        |      |        |      |        |      |        |      |        |
| 34.0  |        |      |        |      |        |      |        |      |        |      |        |
| 0.0   |        |      |        |      |        |      |        |      |        |      |        |
| 0.0   |        |      |        |      |        |      |        |      |        |      |        |
| 0.0   |        |      |        |      |        |      |        |      |        |      |        |
| 0.0   |        |      |        |      |        |      |        |      |        |      |        |
| 0.0   |        |      |        |      |        |      |        |      |        |      |        |
| 0.0   |        |      |        |      |        |      |        |      |        |      |        |
| 0.0   |        |      |        |      |        |      |        |      |        |      |        |
| 0.0   |        |      |        |      |        |      |        |      |        |      |        |
| 0.0   |        |      |        |      |        |      |        |      |        |      |        |
| 0.0   |        |      |        |      |        |      |        |      |        |      |        |
| 0.0   |        |      |        |      |        |      |        |      |        |      |        |
| 0.0   |        |      |        |      |        |      |        |      |        |      |        |

REPORT NUMBER: P1049131

CATALOG NUMBER: GALN-SA8C-827-U-RBC

**CANDELA DISTRIBUTION (continued):**

| 190° |        | 192.5° | 195°  | 197.5° | 200°  | 202.5° | 205°  | 207.5° | 210°  | 212.5° | 215°  |
|------|--------|--------|-------|--------|-------|--------|-------|--------|-------|--------|-------|
| 0.0  | 0°     | 151.6  | 151.6 | 151.6  | 151.6 | 151.6  | 151.6 | 151.6  | 151.6 | 151.6  | 151.6 |
| 0.0  | 2.5°   | 185.6  | 185.6 | 185.6  | 185.6 | 183.0  | 183.0 | 183.0  | 180.4 | 180.4  | 177.8 |
| 0.0  | 5°     | 169.9  | 172.6 | 172.6  | 172.6 | 172.6  | 172.6 | 172.6  | 172.6 | 169.9  | 169.9 |
| 0.0  | 7.5°   | 156.9  | 159.5 | 162.1  | 162.1 | 164.7  | 164.7 | 164.7  | 162.1 | 162.1  | 159.5 |
| 0.0  | 10°    | 149.0  | 151.6 | 151.6  | 154.3 | 154.3  | 154.3 | 154.3  | 154.3 | 154.3  | 154.3 |
| 0.0  | 12.5°  | 138.6  | 141.2 | 143.8  | 143.8 | 146.4  | 146.4 | 146.4  | 146.4 | 143.8  | 143.8 |
| 0.0  | 15°    | 125.5  | 130.7 | 133.3  | 135.9 | 135.9  | 138.6 | 138.6  | 138.6 | 138.6  | 138.6 |
| 0.0  | 17.5°  | 115.0  | 120.3 | 122.9  | 125.5 | 125.5  | 128.1 | 128.1  | 130.7 | 130.7  | 130.7 |
| 0.0  | 20°    | 94.1   | 99.3  | 102.0  | 107.2 | 109.8  | 112.4 | 115.0  | 117.6 | 117.6  | 120.3 |
| 0.0  | 22.5°  | 73.2   | 78.4  | 81.0   | 86.3  | 88.9   | 91.5  | 94.1   | 96.7  | 99.3   | 102.0 |
| 0.0  | 25°    | 52.3   | 57.5  | 60.1   | 65.4  | 68.0   | 70.6  | 73.2   | 75.8  | 75.8   | 78.4  |
| 0.0  | 27.5°  | 28.8   | 34.0  | 39.2   | 41.8  | 47.1   | 49.7  | 52.3   | 54.9  | 57.5   | 60.1  |
| 0.0  | 30°    | 13.1   | 15.7  | 18.3   | 23.5  | 26.1   | 28.8  | 31.4   | 36.6  | 39.2   | 41.8  |
| 0.0  | 32.5°  | 0.0    | 0.0   | 2.6    | 7.8   | 10.5   | 13.1  | 15.7   | 18.3  | 18.3   | 20.9  |
| 0.0  | 35°    | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 2.6    | 5.2   | 7.8    | 10.5  |
| 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°    | 5.2    | 5.2   | 5.2    | 7.8   | 7.8    | 7.8   | 7.8    | 7.8   | 7.8    | 7.8   |
|      | 82.5°  | 13.1   | 15.7  | 18.3   | 18.3  | 20.9   | 20.9  | 20.9   | 20.9  | 18.3   | 18.3  |
|      | 85°    | 26.1   | 28.8  | 31.4   | 31.4  | 34.0   | 34.0  | 34.0   | 34.0  | 34.0   | 34.0  |
|      | 87.5°  | 36.6   | 39.2  | 41.8   | 41.8  | 44.4   | 44.4  | 44.4   | 44.4  | 44.4   | 44.4  |
|      | 90°    | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   |
|      | 92.5°  | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   |
|      | 95°    | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   |
|      | 97.5°  | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   |
|      | 100°   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   |
|      | 102.5° | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   |
|      | 105°   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   |
|      | 107.5° | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   |
|      | 110°   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   |

REPORT NUMBER: P1049131

CATALOG NUMBER: GALN-SA8C-827-U-RBC

**CANDELA DISTRIBUTION (continued):**

| 217.5° |        | 192.5° | 195° | 197.5° | 200° | 202.5° | 205° | 207.5° | 210° | 212.5° | 215° |
|--------|--------|--------|------|--------|------|--------|------|--------|------|--------|------|
| 151.6  | 112.5° | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 177.8  | 115°   | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 169.9  | 117.5° | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 159.5  | 120°   | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 154.3  | 122.5° | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 143.8  | 125°   | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 138.6  | 127.5° | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 130.7  | 130°   | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 117.6  | 132.5° | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 102.0  | 135°   | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 81.0   | 137.5° | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 62.7   | 140°   | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 44.4   | 142.5° | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 26.1   | 145°   | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 15.7   | 147.5° | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 5.2    | 150°   | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 5.2    | 152.5° | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 2.6    | 155°   | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 2.6    | 157.5° | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 2.6    | 160°   | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 2.6    | 162.5° | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 2.6    | 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    |        |        |      |        |      |        |      |        |      |        |      |
| 7.8    |        |        |      |        |      |        |      |        |      |        |      |
| 18.3   |        |        |      |        |      |        |      |        |      |        |      |
| 34.0   |        |        |      |        |      |        |      |        |      |        |      |
| 44.4   |        |        |      |        |      |        |      |        |      |        |      |
| 0.0    |        |        |      |        |      |        |      |        |      |        |      |
| 0.0    |        |        |      |        |      |        |      |        |      |        |      |
| 0.0    |        |        |      |        |      |        |      |        |      |        |      |
| 0.0    |        |        |      |        |      |        |      |        |      |        |      |
| 0.0    |        |        |      |        |      |        |      |        |      |        |      |
| 0.0    |        |        |      |        |      |        |      |        |      |        |      |
| 0.0    |        |        |      |        |      |        |      |        |      |        |      |
| 0.0    |        |        |      |        |      |        |      |        |      |        |      |
| 0.0    |        |        |      |        |      |        |      |        |      |        |      |
| 0.0    |        |        |      |        |      |        |      |        |      |        |      |
| 0.0    |        |        |      |        |      |        |      |        |      |        |      |
| 0.0    |        |        |      |        |      |        |      |        |      |        |      |

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CATALOG NUMBER: GALN-SA8C-827-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°     | 151.6 | 151.6  | 151.6 | 151.6  | 151.6 | 151.6  | 151.6 | 151.6  | 151.6 | 151.6  |
| 0.0    | 2.5°   | 175.2 | 175.2  | 172.6 | 172.6  | 172.6 | 172.6  | 172.6 | 175.2  | 177.8 | 177.8  |
| 0.0    | 5°     | 167.3 | 167.3  | 164.7 | 164.7  | 164.7 | 167.3  | 167.3 | 169.9  | 172.6 | 175.2  |
| 0.0    | 7.5°   | 159.5 | 156.9  | 156.9 | 159.5  | 159.5 | 162.1  | 162.1 | 164.7  | 167.3 | 169.9  |
| 0.0    | 10°    | 154.3 | 151.6  | 151.6 | 151.6  | 154.3 | 154.3  | 156.9 | 159.5  | 162.1 | 164.7  |
| 0.0    | 12.5°  | 143.8 | 143.8  | 143.8 | 143.8  | 146.4 | 146.4  | 149.0 | 151.6  | 156.9 | 159.5  |
| 0.0    | 15°    | 138.6 | 135.9  | 135.9 | 135.9  | 135.9 | 138.6  | 138.6 | 143.8  | 149.0 | 151.6  |
| 0.0    | 17.5°  | 128.1 | 128.1  | 125.5 | 125.5  | 128.1 | 128.1  | 130.7 | 135.9  | 141.2 | 143.8  |
| 0.0    | 20°    | 117.6 | 115.0  | 112.4 | 112.4  | 115.0 | 115.0  | 117.6 | 122.9  | 128.1 | 130.7  |
| 0.0    | 22.5°  | 102.0 | 99.3   | 99.3  | 99.3   | 99.3  | 102.0  | 102.0 | 107.2  | 115.0 | 120.3  |
| 0.0    | 25°    | 81.0  | 83.7   | 83.7  | 86.3   | 86.3  | 88.9   | 91.5  | 96.7   | 104.6 | 109.8  |
| 0.0    | 27.5°  | 62.7  | 65.4   | 65.4  | 70.6   | 73.2  | 75.8   | 78.4  | 86.3   | 94.1  | 99.3   |
| 0.0    | 30°    | 47.1  | 49.7   | 52.3  | 54.9   | 60.1  | 65.4   | 70.6  | 78.4   | 86.3  | 91.5   |
| 0.0    | 32.5°  | 28.8  | 34.0   | 36.6  | 41.8   | 47.1  | 52.3   | 57.5  | 65.4   | 75.8  | 83.7   |
| 0.0    | 35°    | 20.9  | 23.5   | 28.8  | 31.4   | 36.6  | 41.8   | 47.1  | 57.5   | 65.4  | 75.8   |
| 0.0    | 37.5°  | 10.5  | 15.7   | 20.9  | 26.1   | 31.4  | 36.6   | 41.8  | 52.3   | 62.7  | 70.6   |
| 0.0    | 40°    | 7.8   | 13.1   | 15.7  | 20.9   | 28.8  | 34.0   | 39.2  | 49.7   | 60.1  | 70.6   |
| 0.0    | 42.5°  | 5.2   | 7.8    | 10.5  | 18.3   | 23.5  | 31.4   | 39.2  | 49.7   | 60.1  | 70.6   |
| 0.0    | 45°    | 5.2   | 5.2    | 7.8   | 15.7   | 23.5  | 34.0   | 41.8  | 52.3   | 60.1  | 70.6   |
| 0.0    | 47.5°  | 5.2   | 7.8    | 10.5  | 20.9   | 26.1  | 34.0   | 41.8  | 49.7   | 60.1  | 68.0   |
| 0.0    | 50°    | 7.8   | 10.5   | 13.1  | 23.5   | 28.8  | 36.6   | 41.8  | 52.3   | 60.1  | 70.6   |
| 0.0    | 52.5°  | 5.2   | 7.8    | 10.5  | 20.9   | 28.8  | 39.2   | 47.1  | 57.5   | 68.0  | 75.8   |
| 0.0    | 55°    | 2.6   | 2.6    | 2.6   | 15.7   | 31.4  | 44.4   | 60.1  | 68.0   | 78.4  | 86.3   |
| 0.0    | 57.5°  | 0.0   | 0.0    | 0.0   | 10.5   | 31.4  | 49.7   | 68.0  | 78.4   | 88.9  | 96.7   |
| 0.0    | 60°    | 0.0   | 0.0    | 0.0   | 10.5   | 31.4  | 49.7   | 68.0  | 81.0   | 94.1  | 107.2  |
| 0.0    | 62.5°  | 0.0   | 0.0    | 0.0   | 10.5   | 26.1  | 41.8   | 57.5  | 78.4   | 102.0 | 122.9  |
| 0.0    | 65°    | 0.0   | 0.0    | 0.0   | 7.8    | 20.9  | 34.0   | 47.1  | 78.4   | 109.8 | 138.6  |
| 0.0    | 67.5°  | 0.0   | 0.0    | 0.0   | 7.8    | 20.9  | 31.4   | 44.4  | 78.4   | 109.8 | 143.8  |
|        | 70°    | 0.0   | 0.0    | 0.0   | 7.8    | 20.9  | 34.0   | 47.1  | 78.4   | 109.8 | 141.2  |
|        | 72.5°  | 0.0   | 0.0    | 0.0   | 7.8    | 23.5  | 36.6   | 52.3  | 78.4   | 104.6 | 130.7  |
|        | 75°    | 0.0   | 0.0    | 0.0   | 10.5   | 23.5  | 39.2   | 54.9  | 78.4   | 102.0 | 122.9  |
|        | 77.5°  | 0.0   | 0.0    | 0.0   | 7.8    | 23.5  | 36.6   | 52.3  | 75.8   | 99.3  | 120.3  |
|        | 80°    | 7.8   | 5.2    | 5.2   | 13.1   | 23.5  | 34.0   | 44.4  | 68.0   | 94.1  | 117.6  |
|        | 82.5°  | 15.7  | 15.7   | 13.1  | 18.3   | 23.5  | 31.4   | 39.2  | 60.1   | 83.7  | 104.6  |
|        | 85°    | 31.4  | 31.4   | 28.8  | 31.4   | 31.4  | 34.0   | 36.6  | 47.1   | 57.5  | 68.0   |
|        | 87.5°  | 41.8  | 41.8   | 39.2  | 39.2   | 39.2  | 36.6   | 36.6  | 36.6   | 36.6  | 34.0   |
|        | 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):**

| 245°  |        | 220° | 222.5° | 225° | 227.5° | 230° | 232.5° | 235° | 237.5° | 240° | 242.5° |
|-------|--------|------|--------|------|--------|------|--------|------|--------|------|--------|
| 151.6 | 112.5° | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 180.4 | 115°   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 177.8 | 117.5° | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 172.6 | 120°   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 167.3 | 122.5° | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 162.1 | 125°   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 156.9 | 127.5° | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 149.0 | 130°   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 135.9 | 132.5° | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 125.5 | 135°   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 115.0 | 137.5° | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 107.2 | 140°   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 99.3  | 142.5° | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 91.5  | 145°   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 83.7  | 147.5° | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 81.0  | 150°   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 81.0  | 152.5° | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 81.0  | 155°   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 78.4  | 157.5° | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 75.8  | 160°   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 78.4  | 162.5° | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 86.3  | 165°   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 94.1  | 167.5° | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 107.2 | 170°   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 120.3 | 172.5° | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 143.8 | 175°   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 169.9 | 177.5° | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 175.2 | 180°   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 172.6 |        |      |        |      |        |      |        |      |        |      |        |
| 156.9 |        |      |        |      |        |      |        |      |        |      |        |
| 146.4 |        |      |        |      |        |      |        |      |        |      |        |
| 143.8 |        |      |        |      |        |      |        |      |        |      |        |
| 141.2 |        |      |        |      |        |      |        |      |        |      |        |
| 125.5 |        |      |        |      |        |      |        |      |        |      |        |
| 78.4  |        |      |        |      |        |      |        |      |        |      |        |
| 34.0  |        |      |        |      |        |      |        |      |        |      |        |
| 0.0   |        |      |        |      |        |      |        |      |        |      |        |
| 0.0   |        |      |        |      |        |      |        |      |        |      |        |
| 0.0   |        |      |        |      |        |      |        |      |        |      |        |
| 0.0   |        |      |        |      |        |      |        |      |        |      |        |
| 0.0   |        |      |        |      |        |      |        |      |        |      |        |
| 0.0   |        |      |        |      |        |      |        |      |        |      |        |
| 0.0   |        |      |        |      |        |      |        |      |        |      |        |
| 0.0   |        |      |        |      |        |      |        |      |        |      |        |
| 0.0   |        |      |        |      |        |      |        |      |        |      |        |
| 0.0   |        |      |        |      |        |      |        |      |        |      |        |
| 0.0   |        |      |        |      |        |      |        |      |        |      |        |

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**CANDELA DISTRIBUTION (continued):**

| 245° |        | 247.5° | 250°  | 252.5° | 255°  | 257.5° | 260°  | 262.5° | 265°  | 267.5° | 270°   |
|------|--------|--------|-------|--------|-------|--------|-------|--------|-------|--------|--------|
| 0.0  | 0°     | 151.6  | 151.6 | 151.6  | 151.6 | 151.6  | 151.6 | 151.6  | 151.6 | 151.6  | 151.6  |
| 0.0  | 2.5°   | 183.0  | 185.6 | 185.6  | 188.2 | 190.9  | 193.5 | 193.5  | 196.1 | 196.1  | 196.1  |
| 0.0  | 5°     | 180.4  | 185.6 | 188.2  | 190.9 | 193.5  | 196.1 | 198.7  | 201.3 | 203.9  | 203.9  |
| 0.0  | 7.5°   | 177.8  | 180.4 | 185.6  | 188.2 | 193.5  | 196.1 | 201.3  | 203.9 | 206.5  | 209.2  |
| 0.0  | 10°    | 172.6  | 177.8 | 183.0  | 188.2 | 193.5  | 198.7 | 203.9  | 209.2 | 214.4  | 217.0  |
| 0.0  | 12.5°  | 167.3  | 175.2 | 180.4  | 185.6 | 193.5  | 201.3 | 206.5  | 214.4 | 219.6  | 224.8  |
| 0.0  | 15°    | 164.7  | 169.9 | 177.8  | 183.0 | 193.5  | 203.9 | 211.8  | 222.2 | 232.7  | 240.5  |
| 0.0  | 17.5°  | 156.9  | 167.3 | 175.2  | 183.0 | 193.5  | 206.5 | 217.0  | 227.5 | 243.1  | 258.8  |
| 0.0  | 20°    | 146.4  | 154.3 | 164.7  | 172.6 | 188.2  | 201.3 | 217.0  | 230.1 | 253.6  | 277.1  |
| 0.0  | 22.5°  | 135.9  | 146.4 | 154.3  | 164.7 | 183.0  | 198.7 | 217.0  | 232.7 | 271.9  | 308.5  |
| 0.0  | 25°    | 125.5  | 138.6 | 149.0  | 159.5 | 180.4  | 201.3 | 222.2  | 243.1 | 308.5  | 373.9  |
| 0.0  | 27.5°  | 120.3  | 130.7 | 143.8  | 154.3 | 180.4  | 209.2 | 235.3  | 261.4 | 366.0  | 468.0  |
| 0.0  | 30°    | 112.4  | 125.5 | 135.9  | 149.0 | 183.0  | 217.0 | 251.0  | 285.0 | 444.5  | 603.9  |
| 0.0  | 32.5°  | 104.6  | 117.6 | 130.7  | 143.8 | 188.2  | 232.7 | 274.5  | 319.0 | 528.1  | 734.7  |
| 0.0  | 35°    | 96.7   | 112.4 | 125.5  | 138.6 | 196.1  | 256.2 | 313.7  | 371.2 | 603.9  | 834.0  |
| 0.0  | 37.5°  | 94.1   | 109.8 | 122.9  | 135.9 | 198.7  | 258.8 | 321.6  | 381.7 | 611.8  | 841.8  |
| 0.0  | 40°    | 96.7   | 109.8 | 125.5  | 138.6 | 190.9  | 243.1 | 292.8  | 345.1 | 585.6  | 823.5  |
| 0.0  | 42.5°  | 96.7   | 112.4 | 128.1  | 143.8 | 185.6  | 227.5 | 269.3  | 311.1 | 577.8  | 844.5  |
| 0.0  | 45°    | 94.1   | 109.8 | 125.5  | 141.2 | 180.4  | 217.0 | 256.2  | 292.8 | 624.8  | 954.3  |
| 0.0  | 47.5°  | 91.5   | 107.2 | 122.9  | 138.6 | 177.8  | 217.0 | 256.2  | 295.4 | 807.9  | 1317.7 |
| 0.0  | 50°    | 91.5   | 107.2 | 120.3  | 133.3 | 180.4  | 230.1 | 277.1  | 324.2 | 1176.5 | 2026.2 |
| 0.0  | 52.5°  | 96.7   | 109.8 | 120.3  | 130.7 | 185.6  | 243.1 | 298.0  | 352.9 | 1495.4 | 2635.3 |
| 0.0  | 55°    | 104.6  | 112.4 | 122.9  | 130.7 | 198.7  | 264.1 | 332.0  | 397.4 | 1592.2 | 2787.0 |
| 0.0  | 57.5°  | 115.0  | 122.9 | 130.7  | 138.6 | 222.2  | 305.9 | 386.9  | 470.6 | 1600.0 | 2726.8 |
| 0.0  | 60°    | 128.1  | 138.6 | 146.4  | 154.3 | 243.1  | 334.6 | 423.5  | 512.4 | 1448.4 | 2381.7 |
| 0.0  | 62.5°  | 156.9  | 169.9 | 180.4  | 193.5 | 279.7  | 363.4 | 449.7  | 533.3 | 1202.6 | 1871.9 |
| 0.0  | 65°    | 180.4  | 190.9 | 201.3  | 211.8 | 295.4  | 381.7 | 465.4  | 549.0 | 1019.6 | 1490.2 |
| 0.0  | 67.5°  | 185.6  | 196.1 | 203.9  | 214.4 | 300.7  | 386.9 | 470.6  | 556.9 | 873.2  | 1186.9 |
|      | 70°    | 188.2  | 201.3 | 217.0  | 230.1 | 319.0  | 407.8 | 494.1  | 583.0 | 773.9  | 964.7  |
|      | 72.5°  | 180.4  | 206.5 | 230.1  | 253.6 | 337.3  | 418.3 | 502.0  | 583.0 | 719.0  | 854.9  |
|      | 75°    | 180.4  | 217.0 | 251.0  | 285.0 | 347.7  | 407.8 | 470.6  | 530.7 | 635.3  | 739.9  |
|      | 77.5°  | 190.9  | 237.9 | 285.0  | 332.0 | 368.6  | 402.6 | 439.2  | 473.2 | 541.2  | 609.2  |
|      | 80°    | 190.9  | 240.5 | 287.6  | 337.3 | 352.9  | 371.2 | 386.9  | 402.6 | 410.5  | 418.3  |
|      | 82.5°  | 164.7  | 203.9 | 243.1  | 282.4 | 264.1  | 245.8 | 227.5  | 209.2 | 196.1  | 180.4  |
|      | 85°    | 83.7   | 91.5  | 96.7   | 102.0 | 94.1   | 86.3  | 78.4   | 70.6  | 65.4   | 57.5   |
|      | 87.5°  | 34.0   | 34.0  | 31.4   | 31.4  | 31.4   | 31.4  | 28.8   | 28.8  | 28.8   | 28.8   |
|      | 90°    | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0    |
|      | 92.5°  | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0    |
|      | 95°    | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0    |
|      | 97.5°  | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0    |
|      | 100°   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0    |
|      | 102.5° | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0    |
|      | 105°   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0    |
|      | 107.5° | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0    |
|      | 110°   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0    |

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**CANDELA DISTRIBUTION (continued):**

| 272.5° |        | 247.5° | 250° | 252.5° | 255° | 257.5° | 260° | 262.5° | 265° | 267.5° | 270° |
|--------|--------|--------|------|--------|------|--------|------|--------|------|--------|------|
| 151.6  | 112.5° | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 196.1  | 115°   | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 203.9  | 117.5° | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 211.8  | 120°   | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 222.2  | 122.5° | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 232.7  | 125°   | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 253.6  | 127.5° | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 279.7  | 130°   | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 321.6  | 132.5° | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 410.5  | 135°   | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 556.9  | 137.5° | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 773.9  | 140°   | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 1048.4 | 142.5° | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 1309.8 | 145°   | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 1487.6 | 147.5° | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 1620.9 | 150°   | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 1754.3 | 152.5° | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 2015.7 | 155°   | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 2538.6 | 157.5° | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 3869.3 | 160°   | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 5926.9 | 162.5° | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 7461.5 | 165°   | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 7631.5 | 167.5° | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 6886.4 | 170°   | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 5887.7 | 172.5° | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 4601.4 | 175°   | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 3477.2 | 177.5° | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 2567.4 | 180°   | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 1817.0 |        |        |      |        |      |        |      |        |      |        |      |
| 1351.7 |        |        |      |        |      |        |      |        |      |        |      |
| 983.0  |        |        |      |        |      |        |      |        |      |        |      |
| 739.9  |        |        |      |        |      |        |      |        |      |        |      |
| 415.7  |        |        |      |        |      |        |      |        |      |        |      |
| 188.2  |        |        |      |        |      |        |      |        |      |        |      |
| 54.9   |        |        |      |        |      |        |      |        |      |        |      |
| 26.1   |        |        |      |        |      |        |      |        |      |        |      |
| 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):**

| 272.5° |        | 275°    | 277.5°  | 280°    | 282.5°  | 285°    | 287.5°  | 290°    | 292.5°  | 295°    | 297.5°  |
|--------|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0.0    | 0°     | 151.6   | 151.6   | 151.6   | 151.6   | 151.6   | 151.6   | 151.6   | 151.6   | 151.6   | 151.6   |
| 0.0    | 2.5°   | 196.1   | 193.5   | 193.5   | 190.9   | 188.2   | 185.6   | 183.0   | 180.4   | 177.8   | 175.2   |
| 0.0    | 5°     | 203.9   | 203.9   | 203.9   | 201.3   | 201.3   | 198.7   | 198.7   | 196.1   | 193.5   | 190.9   |
| 0.0    | 7.5°   | 211.8   | 214.4   | 214.4   | 217.0   | 217.0   | 217.0   | 217.0   | 214.4   | 214.4   | 214.4   |
| 0.0    | 10°    | 224.8   | 227.5   | 230.1   | 232.7   | 235.3   | 237.9   | 237.9   | 240.5   | 240.5   | 240.5   |
| 0.0    | 12.5°  | 240.5   | 248.4   | 253.6   | 261.4   | 266.7   | 274.5   | 279.7   | 287.6   | 292.8   | 298.0   |
| 0.0    | 15°    | 264.1   | 277.1   | 292.8   | 305.9   | 319.0   | 337.3   | 358.2   | 376.5   | 394.8   | 423.5   |
| 0.0    | 17.5°  | 298.0   | 339.9   | 381.7   | 420.9   | 462.8   | 554.3   | 645.8   | 734.7   | 826.2   | 959.5   |
| 0.0    | 20°    | 363.4   | 488.9   | 611.8   | 737.3   | 860.1   | 1181.7  | 1500.7  | 1822.2  | 2141.2  | 2483.7  |
| 0.0    | 22.5°  | 509.8   | 818.3   | 1126.8  | 1435.3  | 1743.8  | 2415.7  | 3085.0  | 3756.9  | 4426.2  | 5213.1  |
| 0.0    | 25°    | 739.9   | 1307.2  | 1874.5  | 2439.3  | 3006.6  | 4057.6  | 5111.2  | 6162.2  | 7213.2  | 8235.4  |
| 0.0    | 27.5°  | 1077.1  | 1945.1  | 2813.1  | 3678.5  | 4546.5  | 5971.3  | 7398.8  | 8823.7  | 10248.5 | 11404.1 |
| 0.0    | 30°    | 1492.8  | 2669.3  | 3845.8  | 5022.3  | 6198.8  | 7819.7  | 9440.7  | 11059.0 | 12679.9 | 13942.7 |
| 0.0    | 32.5°  | 1885.0  | 3325.5  | 4766.1  | 6204.0  | 7644.6  | 9490.3  | 11338.7 | 13184.5 | 15030.3 | 16410.7 |
| 0.0    | 35°    | 2141.2  | 3882.4  | 5626.2  | 7367.4  | 9108.6  | 11106.0 | 13103.5 | 15098.3 | 17095.7 | 18672.2 |
| 0.0    | 37.5°  | 2397.4  | 4407.9  | 6415.8  | 8426.3  | 10434.1 | 12627.6 | 14821.1 | 17014.6 | 19208.1 | 21155.9 |
| 0.0    | 40°    | 2685.0  | 5043.2  | 7398.8  | 9757.0  | 12112.6 | 14711.3 | 17307.4 | 19906.2 | 22502.3 | 25250.0 |
| 0.0    | 42.5°  | 3184.4  | 6096.8  | 9011.9  | 11924.4 | 14836.8 | 18274.8 | 21712.7 | 25148.1 | 28586.0 | 32507.7 |
| 0.0    | 45°    | 4122.9  | 8227.6  | 12334.8 | 16439.5 | 20544.1 | 25098.4 | 29655.3 | 34209.6 | 38764.0 | 43982.3 |
| 0.0    | 47.5°  | 6421.0  | 12068.1 | 17712.7 | 23359.8 | 29004.3 | 33922.1 | 38837.2 | 43754.9 | 48670.0 | 53867.5 |
| 0.0    | 50°    | 9825.0  | 16397.6 | 22970.3 | 29540.3 | 36112.9 | 40562.7 | 45009.8 | 49459.5 | 53906.7 | 58850.5 |
| 0.0    | 52.5°  | 12287.8 | 19134.9 | 25984.7 | 32831.9 | 39679.0 | 43694.8 | 47713.1 | 51728.9 | 55744.6 | 60364.3 |
| 0.0    | 55°    | 12473.4 | 19281.3 | 26091.9 | 32899.8 | 39707.8 | 43741.8 | 47775.9 | 51809.9 | 55843.9 | 60740.8 |
| 0.0    | 57.5°  | 11043.3 | 17796.3 | 24546.8 | 31299.8 | 38050.2 | 42643.8 | 47234.7 | 51828.2 | 56419.1 | 61713.3 |
| 0.0    | 60°    | 9393.6  | 16149.3 | 22902.3 | 29657.9 | 36411.0 | 41702.6 | 46996.8 | 52288.3 | 57579.9 | 62539.5 |
| 0.0    | 62.5°  | 7328.2  | 14277.3 | 21229.1 | 28178.2 | 35127.3 | 40499.9 | 45872.6 | 51242.6 | 56615.2 | 60335.5 |
| 0.0    | 65°    | 5461.5  | 12209.3 | 18957.1 | 25702.3 | 32450.1 | 36753.5 | 41056.8 | 45357.5 | 49660.9 | 51964.2 |
| 0.0    | 67.5°  | 3947.8  | 9767.5  | 15584.5 | 21404.2 | 27221.3 | 30301.1 | 33380.9 | 36458.0 | 39537.8 | 41299.9 |
|        | 70°    | 2669.3  | 6700.8  | 10729.6 | 14761.0 | 18789.8 | 21320.6 | 23853.9 | 26384.7 | 28915.5 | 31294.6 |
|        | 72.5°  | 1848.4  | 4112.5  | 6379.2  | 8643.3  | 10907.3 | 13453.8 | 15997.6 | 18544.1 | 21087.9 | 23605.6 |
|        | 75°    | 1226.2  | 2256.2  | 3288.9  | 4319.0  | 5349.1  | 7234.1  | 9121.7  | 11006.7 | 12891.7 | 14392.4 |
|        | 77.5°  | 870.6   | 1179.1  | 1490.2  | 1798.7  | 2107.2  | 2460.2  | 2815.7  | 3168.7  | 3521.6  | 4057.6  |
|        | 80°    | 413.1   | 452.3   | 491.5   | 528.1   | 567.3   | 695.4   | 823.5   | 951.6   | 1079.8  | 1215.7  |
|        | 82.5°  | 196.1   | 211.8   | 227.5   | 240.5   | 256.2   | 269.3   | 282.4   | 295.4   | 308.5   | 295.4   |
|        | 85°    | 52.3    | 52.3    | 54.9    | 54.9    | 54.9    | 54.9    | 54.9    | 54.9    | 54.9    | 52.3    |
|        | 87.5°  | 23.5    | 23.5    | 23.5    | 23.5    | 23.5    | 23.5    | 23.5    | 20.9    | 20.9    | 18.3    |
|        | 90°    | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
|        | 92.5°  | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
|        | 95°    | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
|        | 97.5°  | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
|        | 100°   | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
|        | 102.5° | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
|        | 105°   | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
|        | 107.5° | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
|        | 110°   | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |

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**CANDELA DISTRIBUTION (continued):**

| 300°    |        | 275° | 277.5° | 280° | 282.5° | 285° | 287.5° | 290° | 292.5° | 295° | 297.5° |
|---------|--------|------|--------|------|--------|------|--------|------|--------|------|--------|
| 151.6   | 112.5° | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 172.6   | 115°   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 188.2   | 117.5° | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 211.8   | 120°   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 243.1   | 122.5° | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 300.7   | 125°   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 454.9   | 127.5° | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 1090.2  | 130°   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 2828.8  | 132.5° | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 6000.1  | 135°   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 9257.7  | 137.5° | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 12559.7 | 140°   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 15208.1 | 142.5° | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 17793.7 | 145°   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 20248.7 | 147.5° | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 23106.2 | 150°   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 27997.8 | 152.5° | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 36429.3 | 155°   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 49200.7 | 157.5° | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 59064.9 | 160°   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 63794.4 | 162.5° | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 64984.0 | 165°   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 65640.2 | 167.5° | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 67007.5 | 170°   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 67496.4 | 172.5° | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 64058.4 | 175°   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 54270.1 | 177.5° | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 43064.7 | 180°   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 33671.1 |        |      |        |      |        |      |        |      |        |      |        |
| 26123.3 |        |      |        |      |        |      |        |      |        |      |        |
| 15893.0 |        |      |        |      |        |      |        |      |        |      |        |
| 4593.5  |        |      |        |      |        |      |        |      |        |      |        |
| 1351.7  |        |      |        |      |        |      |        |      |        |      |        |
| 279.7   |        |      |        |      |        |      |        |      |        |      |        |
| 49.7    |        |      |        |      |        |      |        |      |        |      |        |
| 18.3    |        |      |        |      |        |      |        |      |        |      |        |
| 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°     | 151.6   | 151.6   | 151.6   | 151.6   | 151.6   | 151.6   | 151.6   | 151.6   | 151.6   |
| 0.0  | 2.5°   | 169.9   | 167.3   | 164.7   | 162.1   | 159.5   | 154.3   | 154.3   | 151.6   | 151.6   |
| 0.0  | 5°     | 185.6   | 183.0   | 180.4   | 177.8   | 177.8   | 175.2   | 172.6   | 172.6   | 169.9   |
| 0.0  | 7.5°   | 211.8   | 209.2   | 206.5   | 203.9   | 203.9   | 201.3   | 201.3   | 198.7   | 198.7   |
| 0.0  | 10°    | 243.1   | 243.1   | 243.1   | 243.1   | 243.1   | 240.5   | 240.5   | 240.5   | 237.9   |
| 0.0  | 12.5°  | 305.9   | 308.5   | 313.7   | 319.0   | 326.8   | 326.8   | 326.8   | 324.2   | 324.2   |
| 0.0  | 15°    | 483.7   | 512.4   | 533.3   | 554.3   | 572.6   | 614.4   | 609.2   | 601.3   | 596.1   |
| 0.0  | 17.5°  | 1223.5  | 1354.3  | 1424.9  | 1492.8  | 1563.4  | 1756.9  | 1725.5  | 1694.1  | 1665.4  |
| 0.0  | 20°    | 3171.3  | 3513.8  | 3741.2  | 3968.7  | 4198.8  | 4562.2  | 4473.3  | 4384.4  | 4295.5  |
| 0.0  | 22.5°  | 6784.4  | 7571.4  | 7913.8  | 8256.3  | 8596.2  | 9035.4  | 8750.5  | 8465.5  | 8183.1  |
| 0.0  | 25°    | 10277.3 | 11299.5 | 11877.3 | 12455.1 | 13030.3 | 13281.2 | 12910.0 | 12536.1 | 12164.9 |
| 0.0  | 27.5°  | 13715.2 | 14870.8 | 15380.6 | 15887.8 | 16397.6 | 16923.1 | 16463.0 | 16000.2 | 15540.1 |
| 0.0  | 30°    | 16470.8 | 17733.6 | 18285.2 | 18834.3 | 19385.9 | 19751.9 | 19276.1 | 18797.7 | 18321.8 |
| 0.0  | 32.5°  | 19174.1 | 20554.5 | 21158.5 | 21762.4 | 22363.7 | 22889.2 | 22303.6 | 21715.3 | 21129.7 |
| 0.0  | 35°    | 21822.5 | 23399.0 | 24230.4 | 25061.8 | 25893.2 | 26382.1 | 25686.6 | 24988.6 | 24293.2 |
| 0.0  | 37.5°  | 25054.0 | 27001.7 | 27932.4 | 28863.2 | 29793.9 | 30685.4 | 29919.4 | 29150.8 | 28384.7 |
| 0.0  | 40°    | 30745.5 | 33493.3 | 34920.8 | 36350.9 | 37778.3 | 38928.7 | 37961.3 | 36994.0 | 36026.7 |
| 0.0  | 42.5°  | 40350.9 | 44272.5 | 46324.9 | 48374.6 | 50426.9 | 52223.0 | 51206.0 | 50189.0 | 49172.0 |
| 0.0  | 45°    | 54419.1 | 59637.5 | 62139.5 | 64638.8 | 67140.8 | 68453.3 | 66989.2 | 65522.5 | 64058.4 |
| 0.0  | 47.5°  | 64259.8 | 69457.2 | 71684.7 | 73912.2 | 76139.7 | 77637.7 | 75846.9 | 74056.0 | 72267.7 |
| 0.0  | 50°    | 68735.6 | 73679.5 | 75914.8 | 78147.5 | 80382.9 | 81572.4 | 79504.4 | 77433.8 | 75365.8 |
| 0.0  | 52.5°  | 69601.0 | 74220.7 | 76887.4 | 79556.7 | 82223.4 | 83813.0 | 81371.1 | 78926.6 | 76484.8 |
| 0.0  | 55°    | 70537.0 | 75433.8 | 78526.6 | 81622.1 | 84715.0 | 86916.3 | 84155.5 | 81392.0 | 78631.2 |
| 0.0  | 57.5°  | 72299.1 | 77593.3 | 80678.3 | 83760.7 | 86845.7 | 88715.0 | 85946.3 | 83175.1 | 80406.4 |
| 0.0  | 60°    | 72456.0 | 77412.9 | 80063.9 | 82717.5 | 85368.6 | 86545.0 | 83896.6 | 81245.6 | 78597.2 |
| 0.0  | 62.5°  | 67778.8 | 71499.1 | 73339.6 | 75180.2 | 77020.7 | 78299.2 | 75535.7 | 72769.7 | 70006.2 |
| 0.0  | 65°    | 56573.4 | 58876.7 | 60343.4 | 61810.0 | 63276.7 | 64800.9 | 62270.2 | 59739.4 | 57208.7 |
| 0.0  | 67.5°  | 44826.8 | 46588.9 | 48521.0 | 50453.0 | 52385.1 | 54013.9 | 51987.7 | 49958.9 | 47932.7 |
|      | 70°    | 36050.2 | 38426.7 | 40599.3 | 42771.9 | 44944.4 | 46277.8 | 44243.8 | 42207.1 | 40173.1 |
|      | 72.5°  | 28640.9 | 31158.6 | 32973.0 | 34784.8 | 36599.2 | 36926.0 | 35430.6 | 33935.1 | 32442.3 |
|      | 75°    | 17391.1 | 18891.8 | 18928.4 | 18962.4 | 18999.0 | 19310.1 | 18070.9 | 16831.6 | 15595.0 |
|      | 77.5°  | 5129.5  | 5665.4  | 6107.3  | 6546.5  | 6988.3  | 7521.7  | 7066.8  | 6609.2  | 6154.3  |
|      | 80°    | 1485.0  | 1620.9  | 1736.0  | 1848.4  | 1963.4  | 1895.5  | 1788.3  | 1681.1  | 1573.9  |
|      | 82.5°  | 266.7   | 251.0   | 248.4   | 245.8   | 245.8   | 232.7   | 211.8   | 190.9   | 169.9   |
|      | 85°    | 47.1    | 44.4    | 41.8    | 39.2    | 36.6    | 34.0    | 28.8    | 26.1    | 20.9    |
|      | 87.5°  | 15.7    | 13.1    | 10.5    | 7.8     | 7.8     | 2.6     | 2.6     | 2.6     | 0.0     |
|      | 90°    | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
|      | 92.5°  | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
|      | 95°    | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
|      | 97.5°  | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
|      | 100°   | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
|      | 102.5° | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
|      | 105°   | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
|      | 107.5° | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
|      | 110°   | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |

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**CANDELA DISTRIBUTION (continued):**

| 325°    | 327.5°  |        | 302.5° | 305° | 307.5° | 310° | 312.5° | 315° | 317.5° | 320° | 322.5° |
|---------|---------|--------|--------|------|--------|------|--------|------|--------|------|--------|
| 151.6   | 151.6   | 112.5° | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 149.0   | 149.0   | 115°   | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 167.3   | 167.3   | 117.5° | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 196.1   | 193.5   | 120°   | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 237.9   | 235.3   | 122.5° | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 321.6   | 313.7   | 125°   | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 588.2   | 559.5   | 127.5° | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 1634.0  | 1495.4  | 130°   | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 4206.6  | 3830.1  | 132.5° | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 7898.2  | 7200.1  | 135°   | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 11791.0 | 10912.6 | 137.5° | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 15080.0 | 14068.2 | 140°   | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 17846.0 | 16758.4 | 142.5° | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 20544.1 | 19242.1 | 145°   | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 23597.7 | 22078.8 | 147.5° | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 27616.1 | 25749.4 | 150°   | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 35059.3 | 32654.1 | 152.5° | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 48154.9 | 44905.2 | 155°   | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 62594.4 | 58562.9 | 157.5° | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 70476.8 | 66123.8 | 160°   | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 73297.8 | 68866.4 | 162.5° | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 74040.3 | 69520.0 | 165°   | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 75867.8 | 71018.0 | 167.5° | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 77637.7 | 72665.1 | 170°   | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 75948.8 | 71619.3 | 172.5° | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 67240.2 | 63794.4 | 175°   | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 54677.9 | 52162.9 | 177.5° | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 45906.6 | 43072.5 | 180°   | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 38136.5 | 35051.5 |        |        |      |        |      |        |      |        |      |        |
| 30946.9 | 28167.7 |        |        |      |        |      |        |      |        |      |        |
| 14355.8 | 13244.6 |        |        |      |        |      |        |      |        |      |        |
| 5699.4  | 5098.1  |        |        |      |        |      |        |      |        |      |        |
| 1466.7  | 1315.1  |        |        |      |        |      |        |      |        |      |        |
| 149.0   | 141.2   |        |        |      |        |      |        |      |        |      |        |
| 15.7    | 13.1    |        |        |      |        |      |        |      |        |      |        |
| 0.0     | 0.0     |        |        |      |        |      |        |      |        |      |        |
| 0.0     | 0.0     |        |        |      |        |      |        |      |        |      |        |
| 0.0     | 0.0     |        |        |      |        |      |        |      |        |      |        |
| 0.0     | 0.0     |        |        |      |        |      |        |      |        |      |        |
| 0.0     | 0.0     |        |        |      |        |      |        |      |        |      |        |
| 0.0     | 0.0     |        |        |      |        |      |        |      |        |      |        |
| 0.0     | 0.0     |        |        |      |        |      |        |      |        |      |        |
| 0.0     | 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     |        |        |      |        |      |        |      |        |      |        |

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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°     | 151.6   | 151.6   | 151.6   | 151.6   | 151.6   | 151.6   | 151.6   | 151.6   | 151.6   |
| 0.0  | 0.0    | 2.5°   | 149.0   | 146.4   | 146.4   | 146.4   | 146.4   | 143.8   | 143.8   | 143.8   | 143.8   |
| 0.0  | 0.0    | 5°     | 164.7   | 164.7   | 162.1   | 162.1   | 159.5   | 159.5   | 156.9   | 156.9   | 154.3   |
| 0.0  | 0.0    | 7.5°   | 193.5   | 190.9   | 188.2   | 185.6   | 183.0   | 177.8   | 175.2   | 172.6   | 172.6   |
| 0.0  | 0.0    | 10°    | 232.7   | 227.5   | 224.8   | 219.6   | 217.0   | 211.8   | 206.5   | 201.3   | 196.1   |
| 0.0  | 0.0    | 12.5°  | 305.9   | 295.4   | 287.6   | 277.1   | 266.7   | 258.8   | 248.4   | 240.5   | 230.1   |
| 0.0  | 0.0    | 15°    | 530.7   | 504.6   | 475.8   | 441.8   | 405.2   | 371.2   | 334.6   | 313.7   | 290.2   |
| 0.0  | 0.0    | 17.5°  | 1356.9  | 1220.9  | 1082.4  | 969.9   | 857.5   | 747.7   | 635.3   | 554.3   | 473.2   |
| 0.0  | 0.0    | 20°    | 3453.6  | 3077.2  | 2700.7  | 2329.4  | 1955.6  | 1584.3  | 1210.5  | 1022.2  | 834.0   |
| 0.0  | 0.0    | 22.5°  | 6499.4  | 5801.4  | 5100.7  | 4423.6  | 3743.8  | 3066.7  | 2389.6  | 1963.4  | 1539.9  |
| 0.0  | 0.0    | 25°    | 10031.5 | 9153.1  | 8274.6  | 7160.9  | 6044.5  | 4930.8  | 3817.0  | 3124.2  | 2431.4  |
| 0.0  | 0.0    | 27.5°  | 13053.8 | 12042.0 | 11030.2 | 9676.0  | 8321.7  | 6967.4  | 5613.2  | 4580.5  | 3550.4  |
| 0.0  | 0.0    | 30°    | 15670.8 | 14583.2 | 13495.6 | 11919.1 | 10342.6 | 8766.1  | 7189.6  | 5898.1  | 4606.6  |
| 0.0  | 0.0    | 32.5°  | 17940.1 | 16638.2 | 15336.2 | 13710.0 | 12083.8 | 10457.7 | 8831.5  | 7247.2  | 5662.8  |
| 0.0  | 0.0    | 35°    | 20557.2 | 19038.2 | 17516.6 | 15712.6 | 13906.1 | 12102.1 | 10298.2 | 8509.9  | 6719.1  |
| 0.0  | 0.0    | 37.5°  | 23882.7 | 22018.6 | 20151.9 | 18141.4 | 16131.0 | 14123.1 | 12112.6 | 10068.1 | 8023.6  |
| 0.0  | 0.0    | 40°    | 30248.8 | 27843.5 | 25438.3 | 22884.0 | 20327.1 | 17772.8 | 15218.5 | 12708.7 | 10198.8 |
| 0.0  | 0.0    | 42.5°  | 41655.5 | 38405.8 | 35156.1 | 31757.3 | 28356.0 | 24957.2 | 21555.9 | 18015.9 | 14473.4 |
| 0.0  | 0.0    | 45°    | 54528.9 | 50497.5 | 46463.4 | 42649.0 | 38831.9 | 35017.5 | 31203.1 | 26345.5 | 21487.9 |
| 0.0  | 0.0    | 47.5°  | 61768.2 | 57415.2 | 53062.2 | 49451.7 | 45841.2 | 42230.7 | 38620.2 | 33383.5 | 28146.8 |
| 0.0  | 0.0    | 50°    | 64432.3 | 60000.9 | 55569.4 | 52246.5 | 48921.0 | 45598.0 | 42272.5 | 37028.0 | 31780.9 |
| 0.0  | 0.0    | 52.5°  | 64999.6 | 60479.3 | 55959.0 | 52615.1 | 49271.3 | 45930.1 | 42586.2 | 37375.7 | 32165.2 |
| 0.0  | 0.0    | 55°    | 66165.7 | 61315.9 | 56463.6 | 52651.7 | 48839.9 | 45028.1 | 41216.3 | 35922.1 | 30627.9 |
| 0.0  | 0.0    | 57.5°  | 67689.9 | 62717.3 | 57744.6 | 53402.1 | 49059.5 | 44719.6 | 40377.1 | 34588.7 | 28800.4 |
| 0.0  | 0.0    | 60°    | 67289.9 | 62963.0 | 58633.5 | 53982.5 | 49328.8 | 44677.8 | 40024.1 | 33658.0 | 27289.3 |
| 0.0  | 0.0    | 62.5°  | 60346.0 | 56900.2 | 53451.8 | 49626.9 | 45799.4 | 41974.5 | 38149.6 | 31595.2 | 25040.9 |
| 0.0  | 0.0    | 65°    | 49645.2 | 47130.1 | 44615.0 | 41537.9 | 38458.1 | 35380.9 | 32303.7 | 26426.5 | 20551.9 |
| 0.0  | 0.0    | 67.5°  | 40235.9 | 37401.9 | 34565.2 | 32112.9 | 29657.9 | 27205.6 | 24750.7 | 20125.8 | 15500.9 |
|      |        | 70°    | 31966.5 | 28884.1 | 25799.1 | 23404.3 | 21006.8 | 18612.0 | 16217.2 | 13142.7 | 10070.7 |
|      |        | 72.5°  | 25386.0 | 22606.9 | 19827.7 | 17273.5 | 14716.6 | 12162.3 | 9605.4  | 7788.3  | 5971.3  |
|      |        | 75°    | 12133.5 | 11022.4 | 9911.3  | 8575.3  | 7239.3  | 5903.4  | 4567.4  | 3775.2  | 2985.7  |
|      |        | 77.5°  | 4496.8  | 3898.1  | 3296.8  | 2753.0  | 2209.2  | 1668.0  | 1124.2  | 1030.1  | 936.0   |
|      |        | 80°    | 1163.4  | 1014.4  | 862.8   | 755.6   | 645.8   | 538.6   | 431.4   | 389.5   | 350.3   |
|      |        | 82.5°  | 133.3   | 122.9   | 115.0   | 109.8   | 102.0   | 96.7    | 88.9    | 81.0    | 73.2    |
|      |        | 85°    | 7.8     | 5.2     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
|      |        | 87.5°  | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
|      |        | 90°    | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
|      |        | 92.5°  | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
|      |        | 95°    | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
|      |        | 97.5°  | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
|      |        | 100°   | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
|      |        | 102.5° | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
|      |        | 105°   | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
|      |        | 107.5° | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
|      |        | 110°   | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |



REPORT NUMBER: P1049131

CATALOG NUMBER: GALN-SA8C-827-U-RBC

**CANDELA DISTRIBUTION (continued):**

[illegible]

REPORT NUMBER: P1049131

CATALOG NUMBER: GALN-SA8C-827-U-RBC

**CANDELA DISTRIBUTION (continued):**

| 352.5° | 355° |        | 357.5°  | 360°   |
|--------|------|--------|---------|--------|
| 0.0    | 0.0  | 0°     | 151.6   | 151.6  |
| 0.0    | 0.0  | 2.5°   | 141.2   | 138.6  |
| 0.0    | 0.0  | 5°     | 149.0   | 146.4  |
| 0.0    | 0.0  | 7.5°   | 164.7   | 159.5  |
| 0.0    | 0.0  | 10°    | 180.4   | 175.2  |
| 0.0    | 0.0  | 12.5°  | 203.9   | 196.1  |
| 0.0    | 0.0  | 15°    | 230.1   | 214.4  |
| 0.0    | 0.0  | 17.5°  | 274.5   | 240.5  |
| 0.0    | 0.0  | 20°    | 371.2   | 285.0  |
| 0.0    | 0.0  | 22.5°  | 522.9   | 355.6  |
| 0.0    | 0.0  | 25°    | 768.6   | 491.5  |
| 0.0    | 0.0  | 27.5°  | 1069.3  | 653.6  |
| 0.0    | 0.0  | 30°    | 1422.2  | 818.3  |
| 0.0    | 0.0  | 32.5°  | 1733.4  | 975.2  |
| 0.0    | 0.0  | 35°    | 2138.6  | 1134.7 |
| 0.0    | 0.0  | 37.5°  | 2637.9  | 1338.6 |
| 0.0    | 0.0  | 40°    | 3411.8  | 1647.1 |
| 0.0    | 0.0  | 42.5°  | 4805.3  | 2217.0 |
| 0.0    | 0.0  | 45°    | 7804.0  | 3832.7 |
| 0.0    | 0.0  | 47.5°  | 12008.0 | 6340.0 |
| 0.0    | 0.0  | 50°    | 14690.4 | 8091.6 |
| 0.0    | 0.0  | 52.5°  | 14910.0 | 8078.5 |
| 0.0    | 0.0  | 55°    | 13610.7 | 7181.8 |
| 0.0    | 0.0  | 57.5°  | 11613.2 | 6002.7 |
| 0.0    | 0.0  | 60°    | 9652.4  | 4747.8 |
| 0.0    | 0.0  | 62.5°  | 7605.3  | 3278.5 |
| 0.0    | 0.0  | 65°    | 5558.3  | 2319.0 |
| 0.0    | 0.0  | 67.5°  | 3992.2  | 1733.4 |
|        |      | 70°    | 2624.9  | 1328.1 |
|        |      | 72.5°  | 1709.8  | 1082.4 |
|        |      | 75°    | 1150.3  | 896.7  |
|        |      | 77.5°  | 671.9   | 596.1  |
|        |      | 80°    | 237.9   | 209.2  |
|        |      | 82.5°  | 44.4    | 31.4   |
|        |      | 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: P1049131

CATALOG NUMBER: GALN-SA8C-827-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: SP1-2407-184-8

Test Date: 10/10/2024

Luminaire Tested: GSS-SB1A-827-U-5WQ

Data in this report applies to families of products including GSS-SB1A-827-U-5WQ

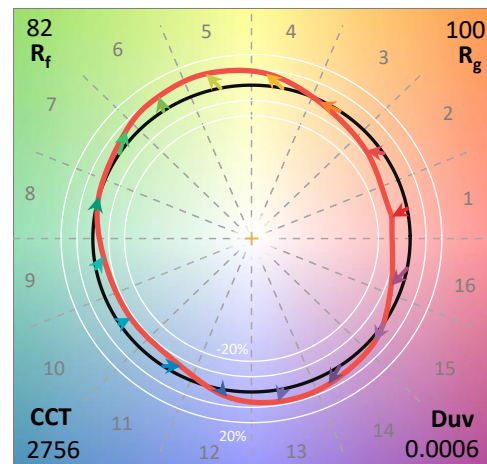
### Test Information

Test Method: LM-79-2019  
 Report Number: SP1-2407-184-8  
 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-827-U-5WQ**  
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 80 CRI  
 2700K CCT 26 LEDS

### Spectral Parameters

CCT (K): 2756  
 CIE  $u'$ : 0.2599  
 CIE  $v'$ : 0.5271  
 Duv: 0.0006  
 CIE x: 0.4563  
 CIE y: 0.4112  
 CIE z: 0.1325  
 Peak Wavelength (nm): 609  
 Dominant Wavelength (nm): 583  
 Purity: 60.41121  
 R<sub>f</sub>: 82.2  
 R<sub>g</sub>: 99.9

CRI (Ra): 82.9  
 R1: 81.6  
 R2: 88.8  
 R3: 96.0  
 R4: 83.4  
 R5: 81.4  
 R6: 87.0  
 R7: 84.0  
 R8: 60.8  
 R9: 10.8  
 R10: 74.8  
 R11: 84.3  
 R12: 72.1  
 R13: 82.9  
 R14: 97.3  
 R15: 73.7



### Test Conditions

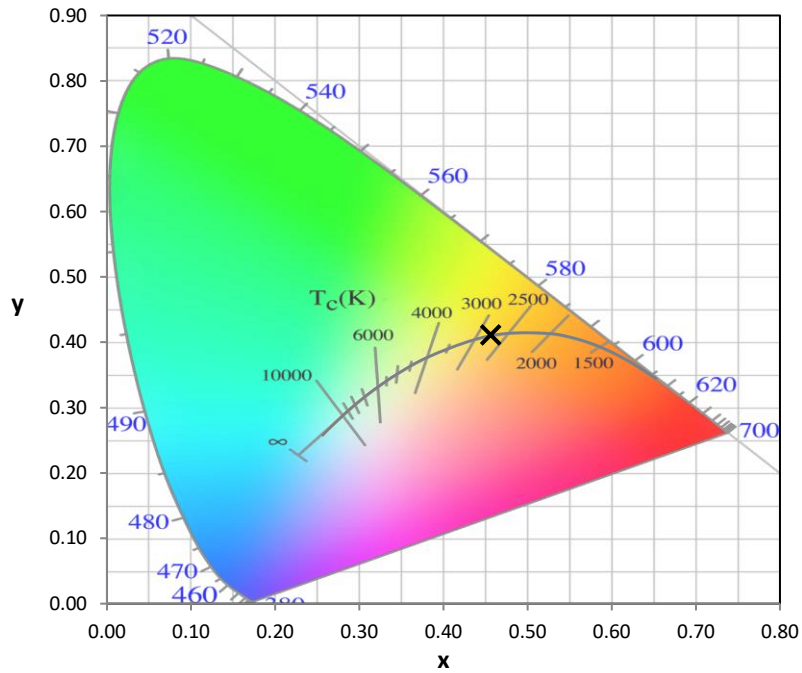
Stabilization Time: 29M  
 Operation Time: 1H 29M  
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-8

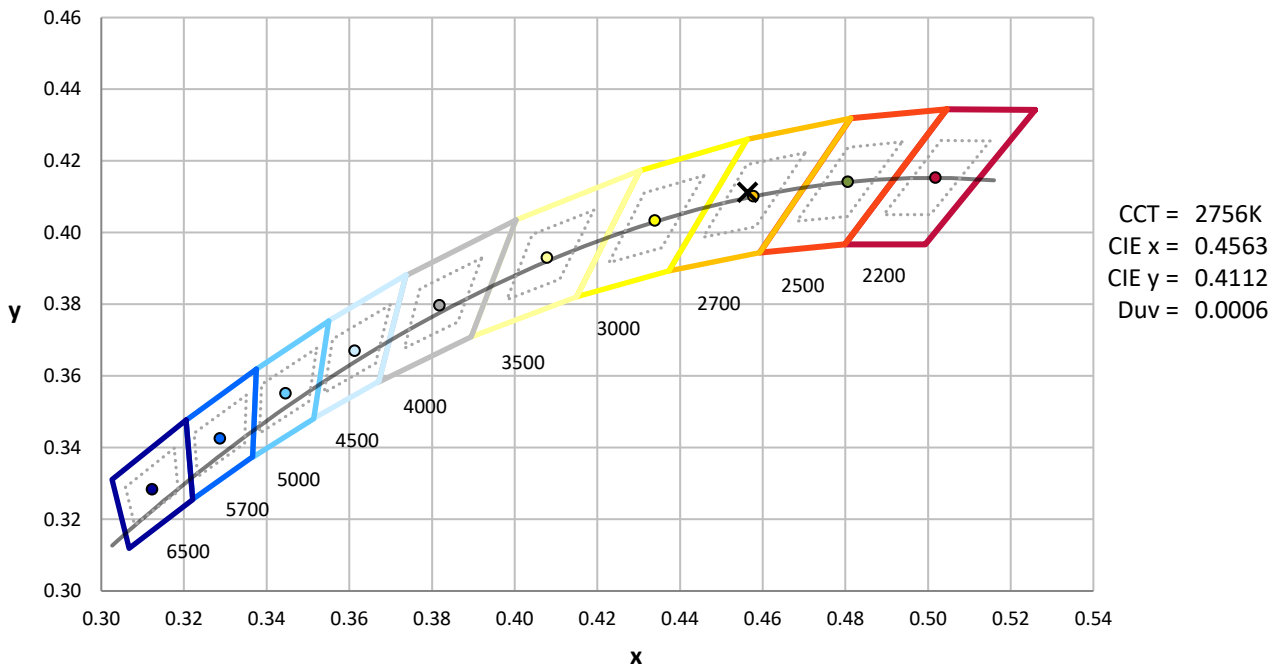
| Measurement and Test Equipment |                       |                  |                      |
|--------------------------------|-----------------------|------------------|----------------------|
| Instrument                     | Identification Number | Calibration Date | Calibration Due Date |
| 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**



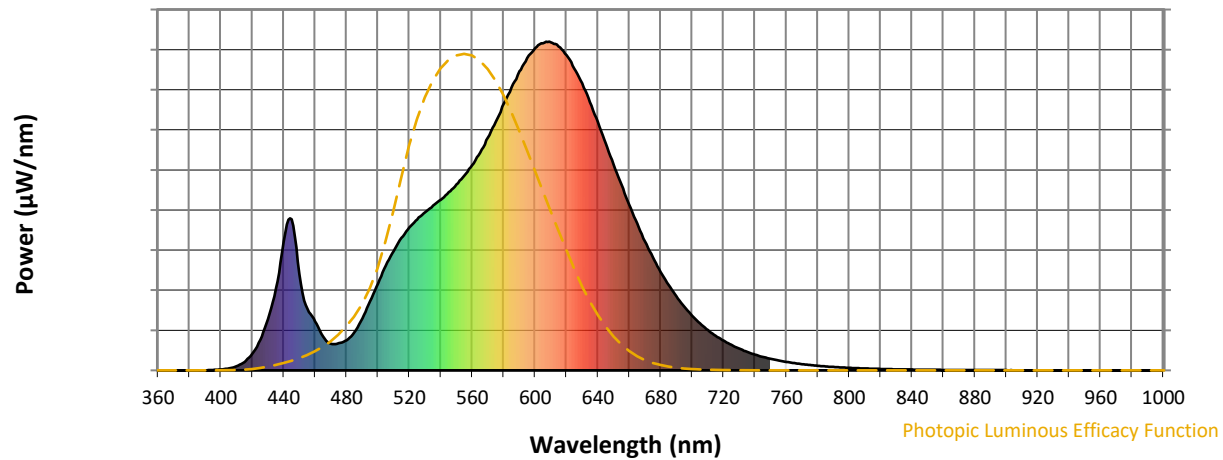
**CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles**



Point lies inside the ANSI 2700K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-8

### Photopic Flux vs. Wavelength

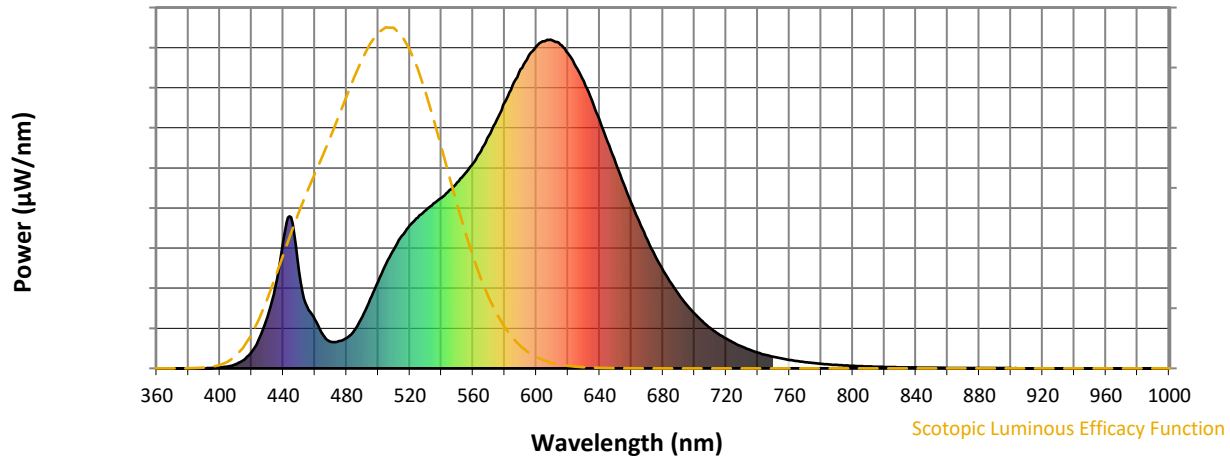


### Photopic Lumens: NR

| $\lambda$<br>(nm) | Power<br>$\text{W}^\wedge/\text{nm}$ | Lumens<br>( $\phi/\text{nm}$ ) | $\lambda$<br>(nm) | Power<br>$\text{W}^\wedge/\text{nm}$ | Lumens<br>( $\phi/\text{nm}$ ) | $\lambda$<br>(nm) | Power<br>$\text{W}^\wedge/\text{nm}$ | Lumens<br>( $\phi/\text{nm}$ ) | $\lambda$<br>(nm) | Power<br>$\text{W}^\wedge/\text{nm}$ | Lumens<br>( $\phi/\text{nm}$ ) | $\lambda$<br>(nm) | Power<br>$\text{W}^\wedge/\text{nm}$ | Lumens<br>( $\phi/\text{nm}$ ) |
|-------------------|--------------------------------------|--------------------------------|-------------------|--------------------------------------|--------------------------------|-------------------|--------------------------------------|--------------------------------|-------------------|--------------------------------------|--------------------------------|-------------------|--------------------------------------|--------------------------------|
| 360               | 0                                    | NR                             | 490               | 158                                  | NR                             | 620               | 959                                  | NR                             | 750               | 35                                   | NR                             | 880               | 1                                    | NR                             |
| 365               | 0                                    | NR                             | 495               | 211                                  | NR                             | 625               | 918                                  | NR                             | 755               | 30                                   | NR                             | 885               | 1                                    | NR                             |
| 370               | 0                                    | NR                             | 500               | 264                                  | NR                             | 630               | 873                                  | NR                             | 760               | 26                                   | NR                             | 890               | 1                                    | NR                             |
| 375               | 0                                    | NR                             | 505               | 318                                  | NR                             | 635               | 816                                  | NR                             | 765               | 22                                   | NR                             | 895               | 1                                    | NR                             |
| 380               | 0                                    | NR                             | 510               | 363                                  | NR                             | 640               | 755                                  | NR                             | 770               | 19                                   | NR                             | 900               | 1                                    | NR                             |
| 385               | 0                                    | NR                             | 515               | 403                                  | NR                             | 645               | 689                                  | NR                             | 775               | 16                                   | NR                             | 905               | 1                                    | NR                             |
| 390               | 0                                    | NR                             | 520               | 435                                  | NR                             | 650               | 626                                  | NR                             | 780               | 14                                   | NR                             | 910               | 0                                    | NR                             |
| 395               | 1                                    | NR                             | 525               | 459                                  | NR                             | 655               | 564                                  | NR                             | 785               | 12                                   | NR                             | 915               | 0                                    | NR                             |
| 400               | 3                                    | NR                             | 530               | 481                                  | NR                             | 660               | 503                                  | NR                             | 790               | 10                                   | NR                             | 920               | 0                                    | NR                             |
| 405               | 6                                    | NR                             | 535               | 501                                  | NR                             | 665               | 447                                  | NR                             | 795               | 9                                    | NR                             | 925               | 0                                    | NR                             |
| 410               | 13                                   | NR                             | 540               | 519                                  | NR                             | 670               | 392                                  | NR                             | 800               | 8                                    | NR                             | 930               | 0                                    | NR                             |
| 415               | 26                                   | NR                             | 545               | 542                                  | NR                             | 675               | 343                                  | NR                             | 805               | 7                                    | NR                             | 935               | 0                                    | NR                             |
| 420               | 51                                   | NR                             | 550               | 565                                  | NR                             | 680               | 299                                  | NR                             | 810               | 6                                    | NR                             | 940               | 0                                    | NR                             |
| 425               | 93                                   | NR                             | 555               | 593                                  | NR                             | 685               | 260                                  | NR                             | 815               | 5                                    | NR                             | 945               | 0                                    | NR                             |
| 430               | 156                                  | NR                             | 560               | 624                                  | NR                             | 690               | 225                                  | NR                             | 820               | 4                                    | NR                             | 950               | 0                                    | NR                             |
| 435               | 250                                  | NR                             | 565               | 662                                  | NR                             | 695               | 194                                  | NR                             | 825               | 4                                    | NR                             | 955               | 0                                    | NR                             |
| 440               | 391                                  | NR                             | 570               | 707                                  | NR                             | 700               | 166                                  | NR                             | 830               | 3                                    | NR                             | 960               | 0                                    | NR                             |
| 445               | 460                                  | NR                             | 575               | 756                                  | NR                             | 705               | 143                                  | NR                             | 835               | 3                                    | NR                             | 965               | 0                                    | NR                             |
| 450               | 293                                  | NR                             | 580               | 810                                  | NR                             | 710               | 122                                  | NR                             | 840               | 2                                    | NR                             | 970               | 0                                    | NR                             |
| 455               | 188                                  | NR                             | 585               | 860                                  | NR                             | 715               | 105                                  | NR                             | 845               | 2                                    | NR                             | 975               | 0                                    | NR                             |
| 460               | 149                                  | NR                             | 590               | 910                                  | NR                             | 720               | 90                                   | NR                             | 850               | 2                                    | NR                             | 980               | 0                                    | NR                             |
| 465               | 103                                  | NR                             | 595               | 950                                  | NR                             | 725               | 77                                   | NR                             | 855               | 2                                    | NR                             | 985               | 0                                    | NR                             |
| 470               | 80                                   | NR                             | 600               | 980                                  | NR                             | 730               | 66                                   | NR                             | 860               | 1                                    | NR                             | 990               | 0                                    | NR                             |
| 475               | 82                                   | NR                             | 605               | 995                                  | NR                             | 735               | 56                                   | NR                             | 865               | 1                                    | NR                             | 995               | 0                                    | NR                             |
| 480               | 92                                   | NR                             | 610               | 998                                  | NR                             | 740               | 48                                   | NR                             | 870               | 1                                    | NR                             | 1000              | 0                                    | NR                             |
| 485               | 116                                  | NR                             | 615               | 985                                  | NR                             | 745               | 41                                   | NR                             | 875               | 1                                    | NR                             |                   |                                      |                                |

REPORT NUMBER: SP1-2407-184-8

### Scotopic Flux vs. Wavelength



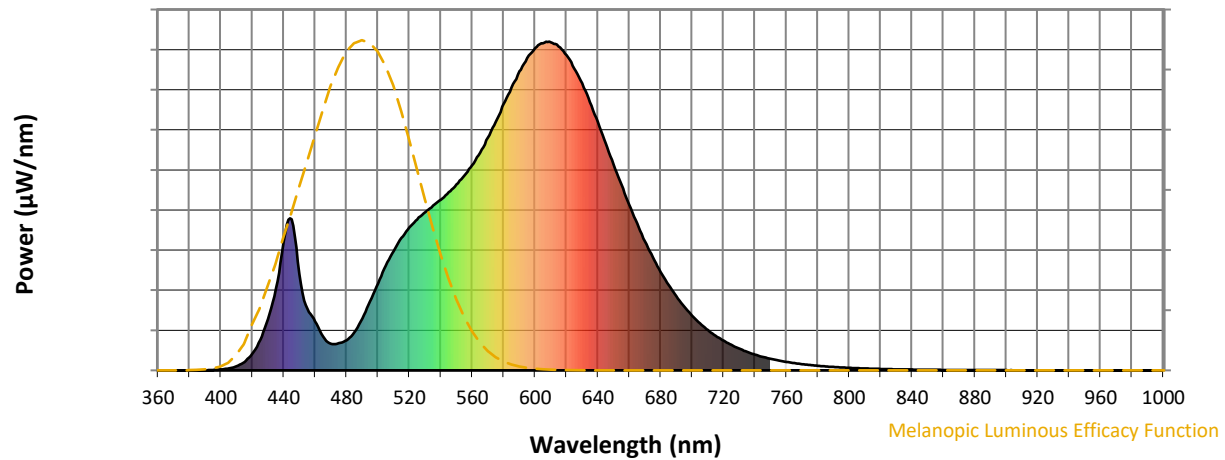
Scotopic Lumens: NR

S/P: 1.2

| 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       | 158                         | NR               | 620       | 959                         | NR               | 750       | 35                          | NR               | 880       | 1                           | NR               |
| 365       | 0                           | NR               | 495       | 211                         | NR               | 625       | 918                         | NR               | 755       | 30                          | NR               | 885       | 1                           | NR               |
| 370       | 0                           | NR               | 500       | 264                         | NR               | 630       | 873                         | NR               | 760       | 26                          | NR               | 890       | 1                           | NR               |
| 375       | 0                           | NR               | 505       | 318                         | NR               | 635       | 816                         | NR               | 765       | 22                          | NR               | 895       | 1                           | NR               |
| 380       | 0                           | NR               | 510       | 363                         | NR               | 640       | 755                         | NR               | 770       | 19                          | NR               | 900       | 1                           | NR               |
| 385       | 0                           | NR               | 515       | 403                         | NR               | 645       | 689                         | NR               | 775       | 16                          | NR               | 905       | 1                           | NR               |
| 390       | 0                           | NR               | 520       | 435                         | NR               | 650       | 626                         | NR               | 780       | 14                          | NR               | 910       | 0                           | NR               |
| 395       | 1                           | NR               | 525       | 459                         | NR               | 655       | 564                         | NR               | 785       | 12                          | NR               | 915       | 0                           | NR               |
| 400       | 3                           | NR               | 530       | 481                         | NR               | 660       | 503                         | NR               | 790       | 10                          | NR               | 920       | 0                           | NR               |
| 405       | 6                           | NR               | 535       | 501                         | NR               | 665       | 447                         | NR               | 795       | 9                           | NR               | 925       | 0                           | NR               |
| 410       | 13                          | NR               | 540       | 519                         | NR               | 670       | 392                         | NR               | 800       | 8                           | NR               | 930       | 0                           | NR               |
| 415       | 26                          | NR               | 545       | 542                         | NR               | 675       | 343                         | NR               | 805       | 7                           | NR               | 935       | 0                           | NR               |
| 420       | 51                          | NR               | 550       | 565                         | NR               | 680       | 299                         | NR               | 810       | 6                           | NR               | 940       | 0                           | NR               |
| 425       | 93                          | NR               | 555       | 593                         | NR               | 685       | 260                         | NR               | 815       | 5                           | NR               | 945       | 0                           | NR               |
| 430       | 156                         | NR               | 560       | 624                         | NR               | 690       | 225                         | NR               | 820       | 4                           | NR               | 950       | 0                           | NR               |
| 435       | 250                         | NR               | 565       | 662                         | NR               | 695       | 194                         | NR               | 825       | 4                           | NR               | 955       | 0                           | NR               |
| 440       | 391                         | NR               | 570       | 707                         | NR               | 700       | 166                         | NR               | 830       | 3                           | NR               | 960       | 0                           | NR               |
| 445       | 460                         | NR               | 575       | 756                         | NR               | 705       | 143                         | NR               | 835       | 3                           | NR               | 965       | 0                           | NR               |
| 450       | 293                         | NR               | 580       | 810                         | NR               | 710       | 122                         | NR               | 840       | 2                           | NR               | 970       | 0                           | NR               |
| 455       | 188                         | NR               | 585       | 860                         | NR               | 715       | 105                         | NR               | 845       | 2                           | NR               | 975       | 0                           | NR               |
| 460       | 149                         | NR               | 590       | 910                         | NR               | 720       | 90                          | NR               | 850       | 2                           | NR               | 980       | 0                           | NR               |
| 465       | 103                         | NR               | 595       | 950                         | NR               | 725       | 77                          | NR               | 855       | 2                           | NR               | 985       | 0                           | NR               |
| 470       | 80                          | NR               | 600       | 980                         | NR               | 730       | 66                          | NR               | 860       | 1                           | NR               | 990       | 0                           | NR               |
| 475       | 82                          | NR               | 605       | 995                         | NR               | 735       | 56                          | NR               | 865       | 1                           | NR               | 995       | 0                           | NR               |
| 480       | 92                          | NR               | 610       | 998                         | NR               | 740       | 48                          | NR               | 870       | 1                           | NR               | 1000      | 0                           | NR               |
| 485       | 116                         | NR               | 615       | 985                         | NR               | 745       | 41                          | NR               | 875       | 1                           | NR               |           |                             |                  |

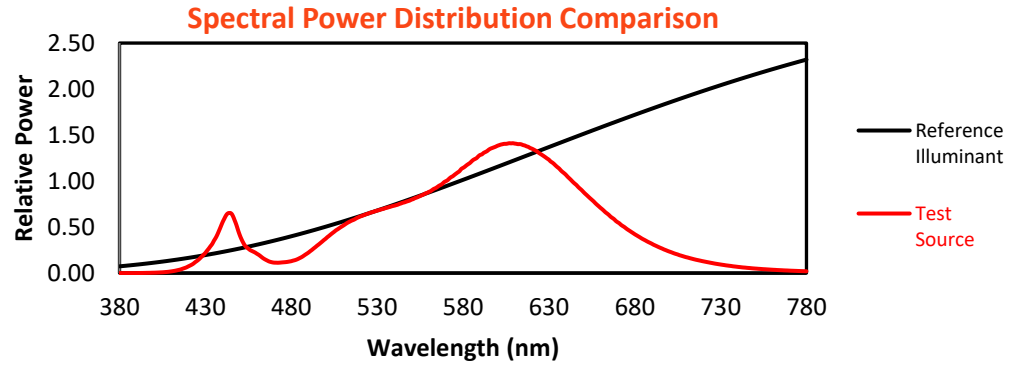
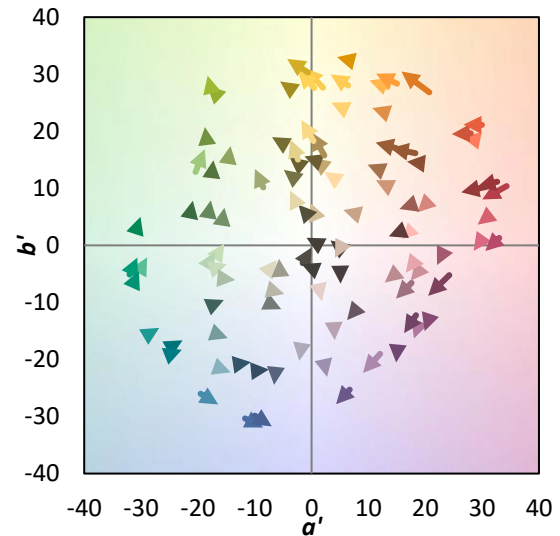
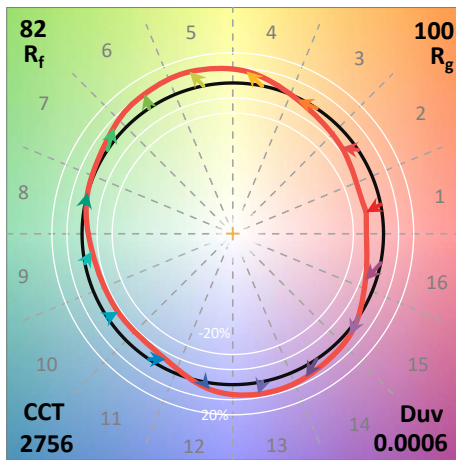
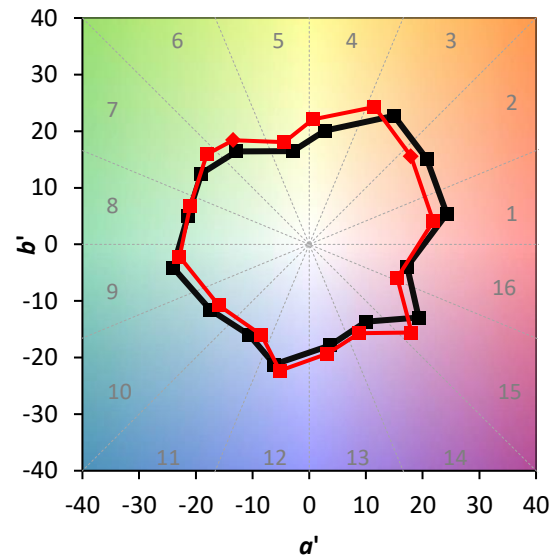
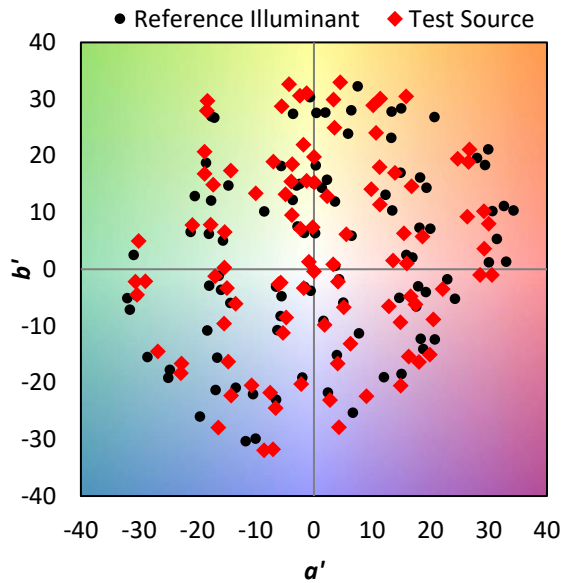
REPORT NUMBER: SP1-2407-184-8

### Melanopic Flux vs. Wavelength


**Melanopic Lumens: NR**
**M/P: 2.16**

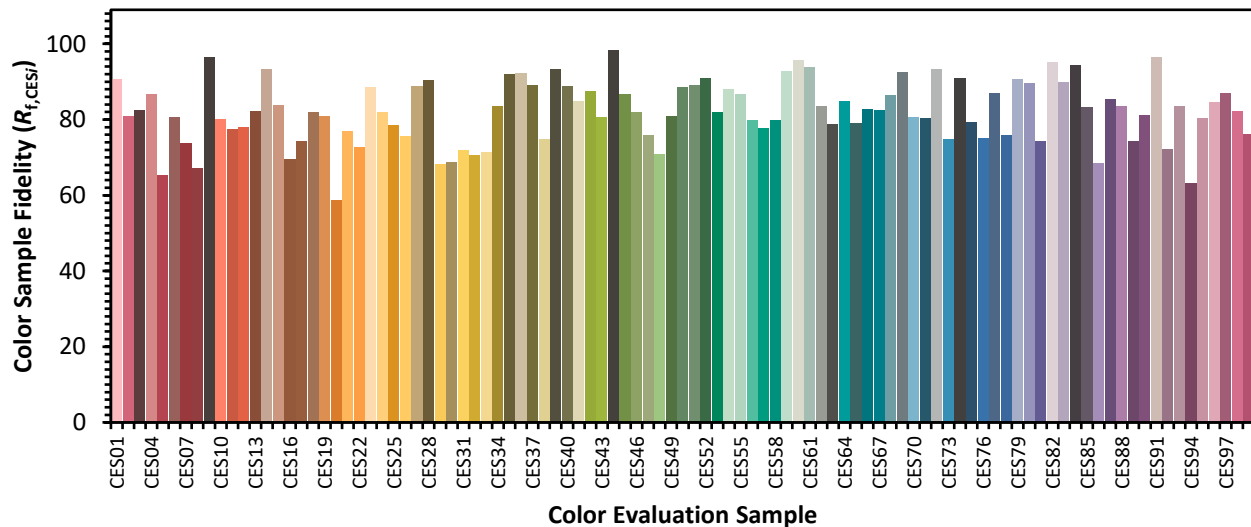
| $\lambda$<br>(nm) | Power<br>$\text{W}^\wedge/\text{nm}$ | Lumens<br>( $\phi/\text{nm}$ ) | $\lambda$<br>(nm) | Power<br>$\text{W}^\wedge/\text{nm}$ | Lumens<br>( $\phi/\text{nm}$ ) | $\lambda$<br>(nm) | Power<br>$\text{W}^\wedge/\text{nm}$ | Lumens<br>( $\phi/\text{nm}$ ) | $\lambda$<br>(nm) | Power<br>$\text{W}^\wedge/\text{nm}$ | Lumens<br>( $\phi/\text{nm}$ ) | $\lambda$<br>(nm) | Power<br>$\text{W}^\wedge/\text{nm}$ | Lumens<br>( $\phi/\text{nm}$ ) |
|-------------------|--------------------------------------|--------------------------------|-------------------|--------------------------------------|--------------------------------|-------------------|--------------------------------------|--------------------------------|-------------------|--------------------------------------|--------------------------------|-------------------|--------------------------------------|--------------------------------|
| 360               | 0                                    | NR                             | 490               | 158                                  | NR                             | 620               | 959                                  | NR                             | 750               | 35                                   | NR                             | 880               | 1                                    | NR                             |
| 365               | 0                                    | NR                             | 495               | 211                                  | NR                             | 625               | 918                                  | NR                             | 755               | 30                                   | NR                             | 885               | 1                                    | NR                             |
| 370               | 0                                    | NR                             | 500               | 264                                  | NR                             | 630               | 873                                  | NR                             | 760               | 26                                   | NR                             | 890               | 1                                    | NR                             |
| 375               | 0                                    | NR                             | 505               | 318                                  | NR                             | 635               | 816                                  | NR                             | 765               | 22                                   | NR                             | 895               | 1                                    | NR                             |
| 380               | 0                                    | NR                             | 510               | 363                                  | NR                             | 640               | 755                                  | NR                             | 770               | 19                                   | NR                             | 900               | 1                                    | NR                             |
| 385               | 0                                    | NR                             | 515               | 403                                  | NR                             | 645               | 689                                  | NR                             | 775               | 16                                   | NR                             | 905               | 1                                    | NR                             |
| 390               | 0                                    | NR                             | 520               | 435                                  | NR                             | 650               | 626                                  | NR                             | 780               | 14                                   | NR                             | 910               | 0                                    | NR                             |
| 395               | 1                                    | NR                             | 525               | 459                                  | NR                             | 655               | 564                                  | NR                             | 785               | 12                                   | NR                             | 915               | 0                                    | NR                             |
| 400               | 3                                    | NR                             | 530               | 481                                  | NR                             | 660               | 503                                  | NR                             | 790               | 10                                   | NR                             | 920               | 0                                    | NR                             |
| 405               | 6                                    | NR                             | 535               | 501                                  | NR                             | 665               | 447                                  | NR                             | 795               | 9                                    | NR                             | 925               | 0                                    | NR                             |
| 410               | 13                                   | NR                             | 540               | 519                                  | NR                             | 670               | 392                                  | NR                             | 800               | 8                                    | NR                             | 930               | 0                                    | NR                             |
| 415               | 26                                   | NR                             | 545               | 542                                  | NR                             | 675               | 343                                  | NR                             | 805               | 7                                    | NR                             | 935               | 0                                    | NR                             |
| 420               | 51                                   | NR                             | 550               | 565                                  | NR                             | 680               | 299                                  | NR                             | 810               | 6                                    | NR                             | 940               | 0                                    | NR                             |
| 425               | 93                                   | NR                             | 555               | 593                                  | NR                             | 685               | 260                                  | NR                             | 815               | 5                                    | NR                             | 945               | 0                                    | NR                             |
| 430               | 156                                  | NR                             | 560               | 624                                  | NR                             | 690               | 225                                  | NR                             | 820               | 4                                    | NR                             | 950               | 0                                    | NR                             |
| 435               | 250                                  | NR                             | 565               | 662                                  | NR                             | 695               | 194                                  | NR                             | 825               | 4                                    | NR                             | 955               | 0                                    | NR                             |
| 440               | 391                                  | NR                             | 570               | 707                                  | NR                             | 700               | 166                                  | NR                             | 830               | 3                                    | NR                             | 960               | 0                                    | NR                             |
| 445               | 460                                  | NR                             | 575               | 756                                  | NR                             | 705               | 143                                  | NR                             | 835               | 3                                    | NR                             | 965               | 0                                    | NR                             |
| 450               | 293                                  | NR                             | 580               | 810                                  | NR                             | 710               | 122                                  | NR                             | 840               | 2                                    | NR                             | 970               | 0                                    | NR                             |
| 455               | 188                                  | NR                             | 585               | 860                                  | NR                             | 715               | 105                                  | NR                             | 845               | 2                                    | NR                             | 975               | 0                                    | NR                             |
| 460               | 149                                  | NR                             | 590               | 910                                  | NR                             | 720               | 90                                   | NR                             | 850               | 2                                    | NR                             | 980               | 0                                    | NR                             |
| 465               | 103                                  | NR                             | 595               | 950                                  | NR                             | 725               | 77                                   | NR                             | 855               | 2                                    | NR                             | 985               | 0                                    | NR                             |
| 470               | 80                                   | NR                             | 600               | 980                                  | NR                             | 730               | 66                                   | NR                             | 860               | 1                                    | NR                             | 990               | 0                                    | NR                             |
| 475               | 82                                   | NR                             | 605               | 995                                  | NR                             | 735               | 56                                   | NR                             | 865               | 1                                    | NR                             | 995               | 0                                    | NR                             |
| 480               | 92                                   | NR                             | 610               | 998                                  | NR                             | 740               | 48                                   | NR                             | 870               | 1                                    | NR                             | 1000              | 0                                    | NR                             |
| 485               | 116                                  | NR                             | 615               | 985                                  | NR                             | 745               | 41                                   | NR                             | 875               | 1                                    | NR                             |                   |                                      |                                |

REPORT NUMBER: SP1-2407-184-8

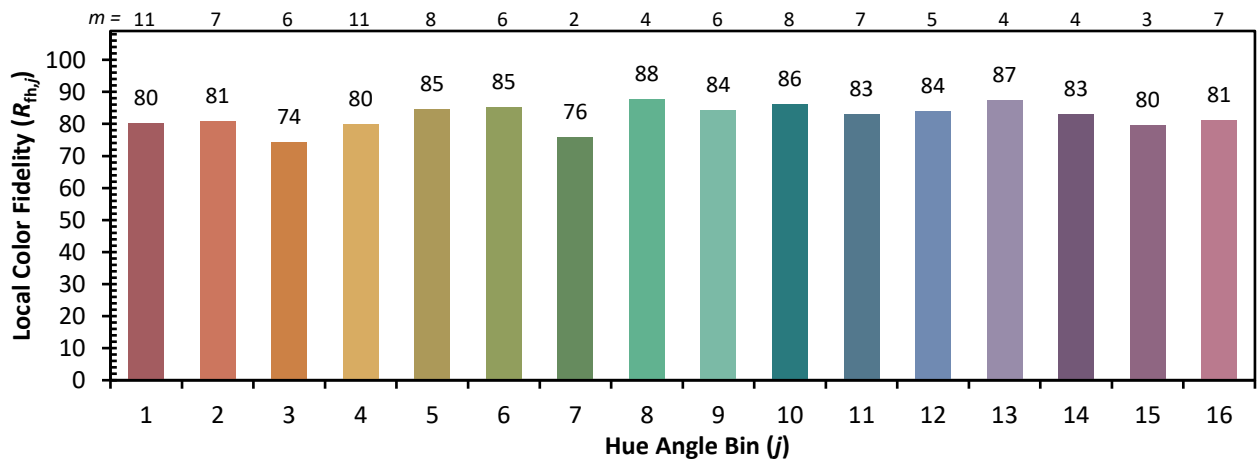
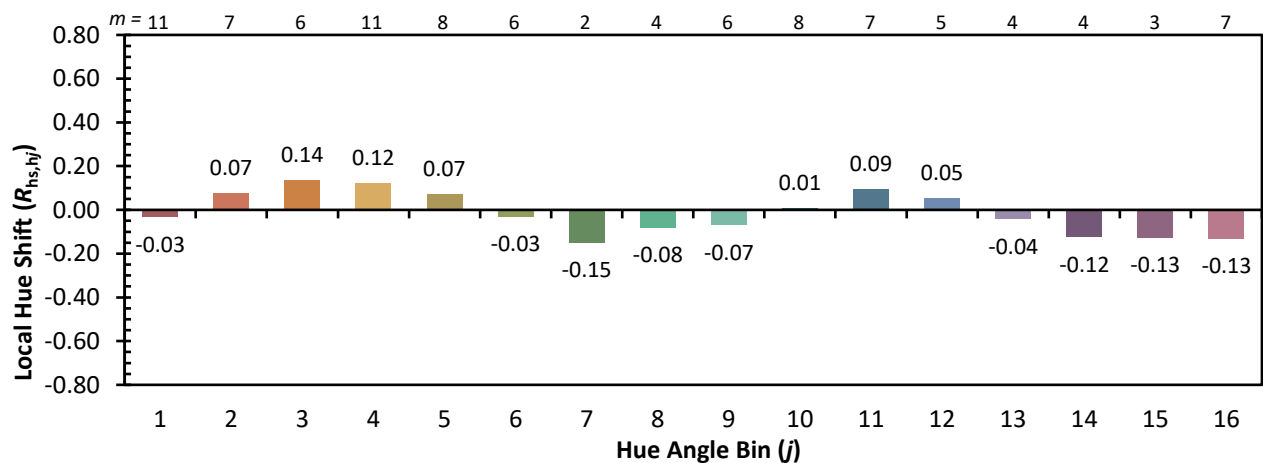
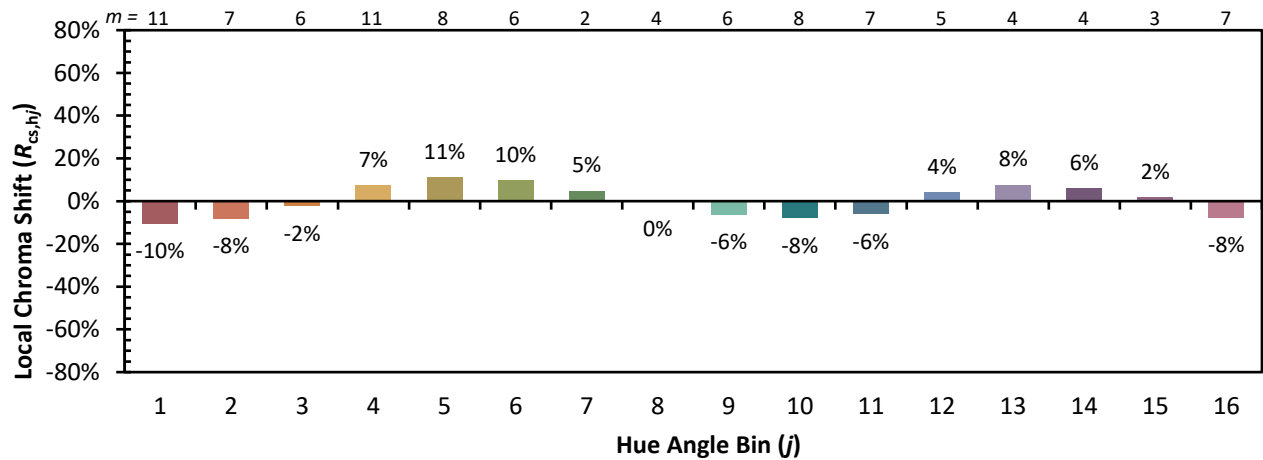
**TM-30-18**
**Summary**
 $R_f = 82.2$   
 $R_g = 99.9$   
 $CIE\ R_a = 82.9$   
 $R_9 = 10.8$ 

**Color Vector Graphics**


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

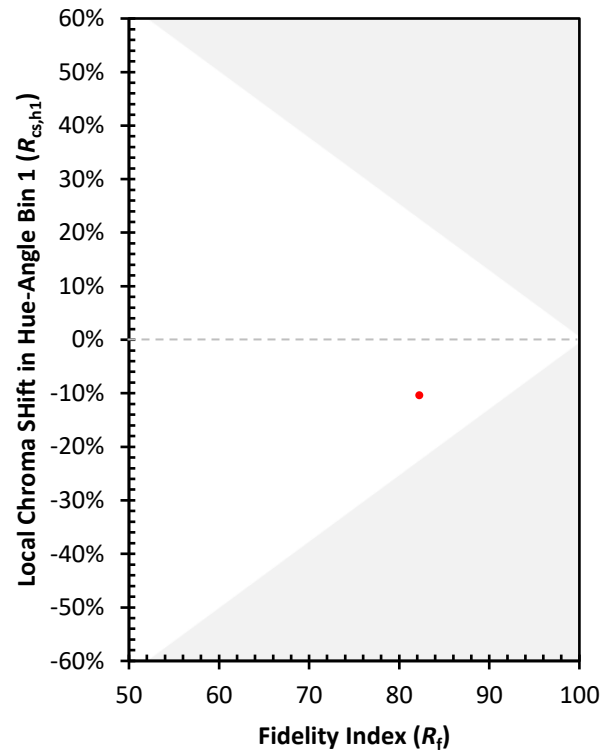
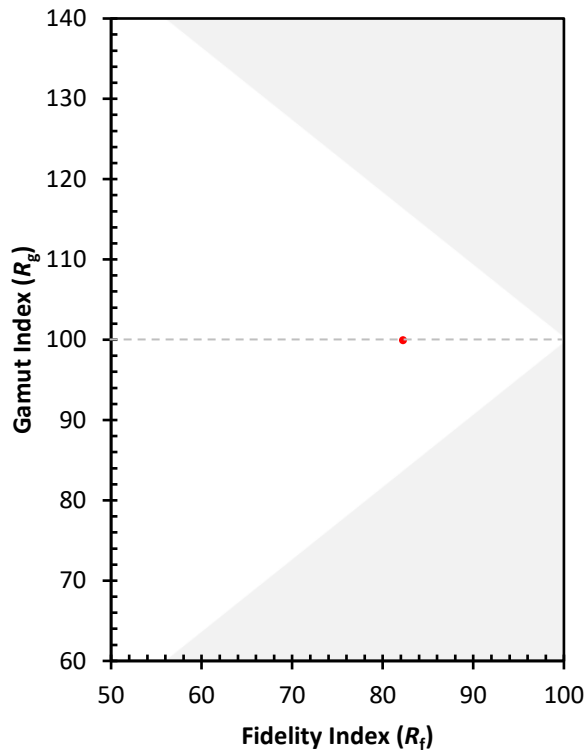
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|------------|------------|------------|------------|
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| CES02 = 63 | CES27 = 89 | CES52 = 91 | CES77 = 87 |
| CES03 = 31 | CES28 = 90 | CES53 = 82 | CES78 = 76 |
| CES04 = 71 | CES29 = 68 | CES54 = 88 | CES79 = 91 |
| CES05 = 50 | CES30 = 69 | CES55 = 87 | CES80 = 90 |
| CES06 = 52 | CES31 = 72 | CES56 = 80 | CES81 = 74 |
| CES07 = 43 | CES32 = 71 | CES57 = 78 | CES82 = 95 |
| CES08 = 42 | CES33 = 71 | CES58 = 80 | CES83 = 90 |
| CES09 = 29 | CES34 = 84 | CES59 = 93 | CES84 = 94 |
| CES10 = 77 | CES35 = 92 | CES60 = 96 | CES85 = 83 |
| CES11 = 59 | CES36 = 92 | CES61 = 94 | CES86 = 69 |
| CES12 = 66 | CES37 = 89 | CES62 = 84 | CES87 = 85 |
| CES13 = 44 | CES38 = 75 | CES63 = 79 | CES88 = 84 |
| CES14 = 74 | CES39 = 93 | CES64 = 85 | CES89 = 74 |
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| CES23 = 92 | CES48 = 71 | CES73 = 75 | CES98 = 82 |
| CES24 = 91 | CES49 = 81 | CES74 = 91 | CES99 = 76 |
| CES25 = 72 | CES50 = 88 | CES75 = 79 |            |



Color Rendition by Hue-Angle Bin



**Measure Comparisons**



(END OF REPORT)