

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: LUMARK

Report Number: P1067857

Luminaire Tested: **NAV-SA4A-835-U-RBC**

Issue Date: 08/07/2025

**Test Information**

Test Method: LM-79-08  
Report Number: P1067857  
Test Lab: INNOVATION CENTER(G3)  
Issue Date: 08/07/2025  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: LUMARK  
Catalog Number: NAV-SA4A-835-U-RBC  
Description: Navion AREA AND ROADWAY LUMINAIRE 615mA 4xLight Square PACKAGE  
80CRI 3500K FIXTURE w/ RIGHT CORNER BACKLIGHT CONTROL  
Light Source: (56) 3500K CCT, 80 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 10720.4 lumens  
Efficiency: N/A  
Efficacy: 99.8 lumens/watt  
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')  
IES Classification: Type III - Short  
BUG Rating: B0 - U0 - G2

Input Watts (W): 107.4  
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



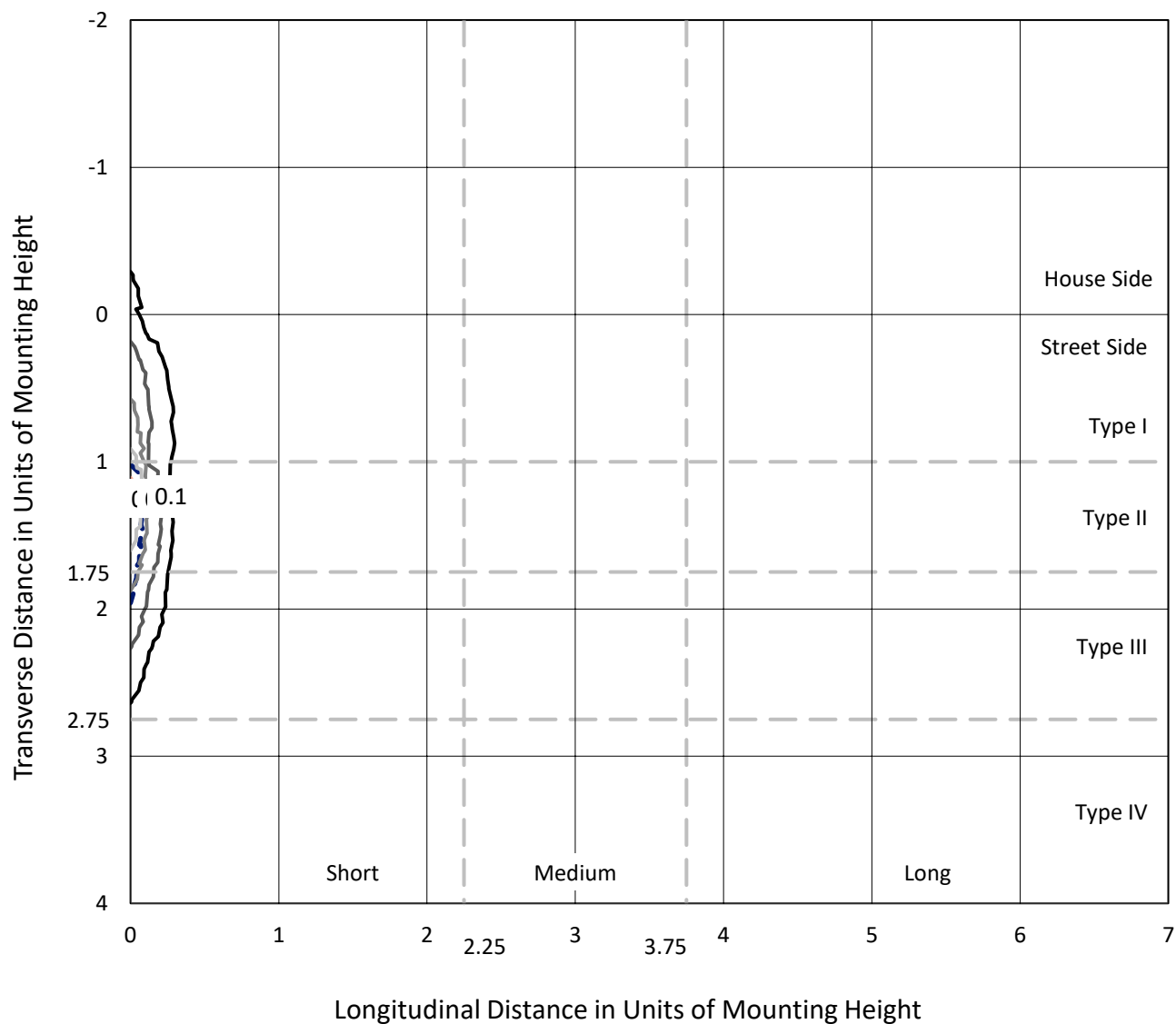
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## Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

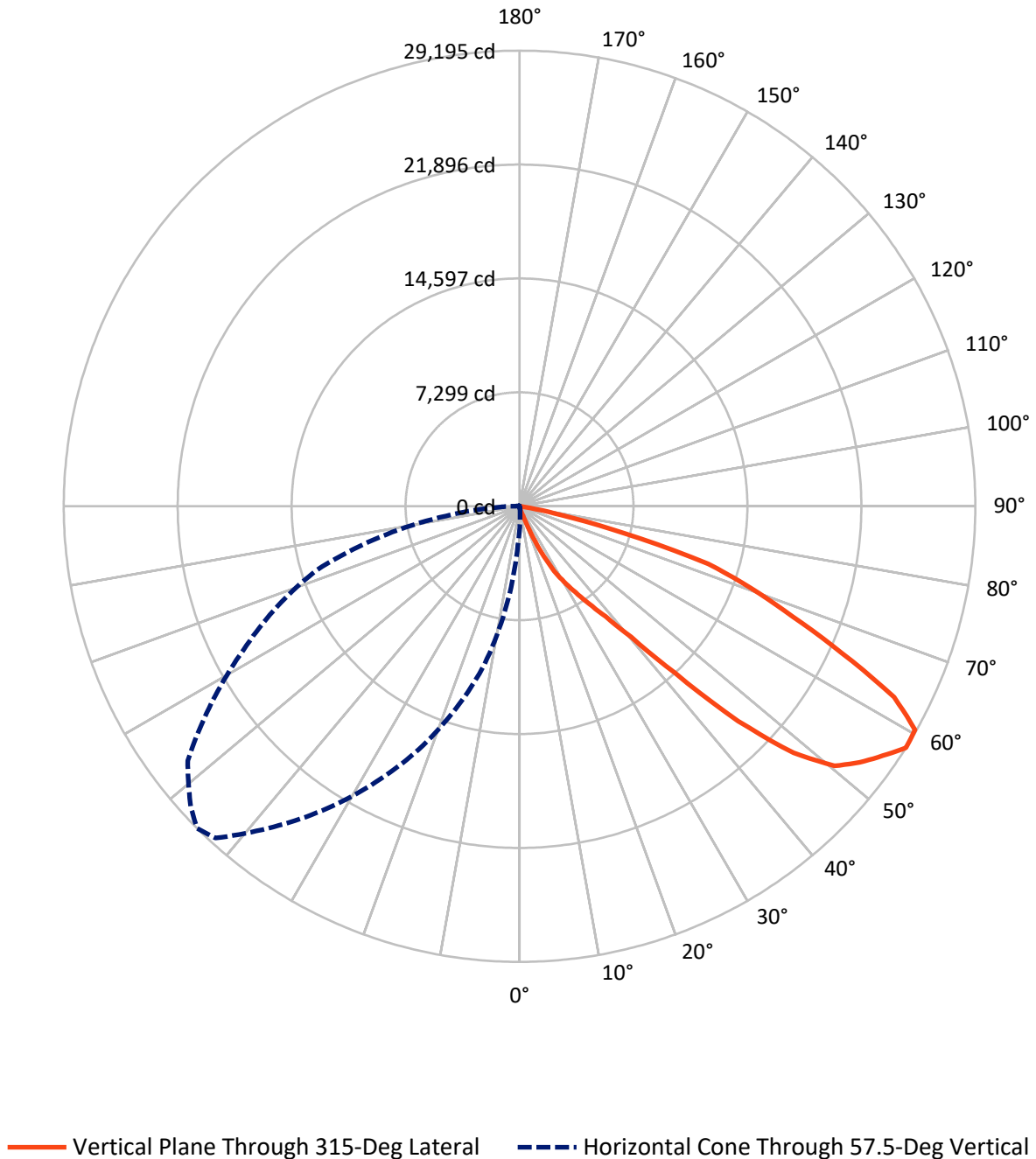


Based on 15 foot mounting height. Maximum calculated value = 2.1 fc  
 Type III - Short - N/A

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## Luminous Intensity Polar Plot



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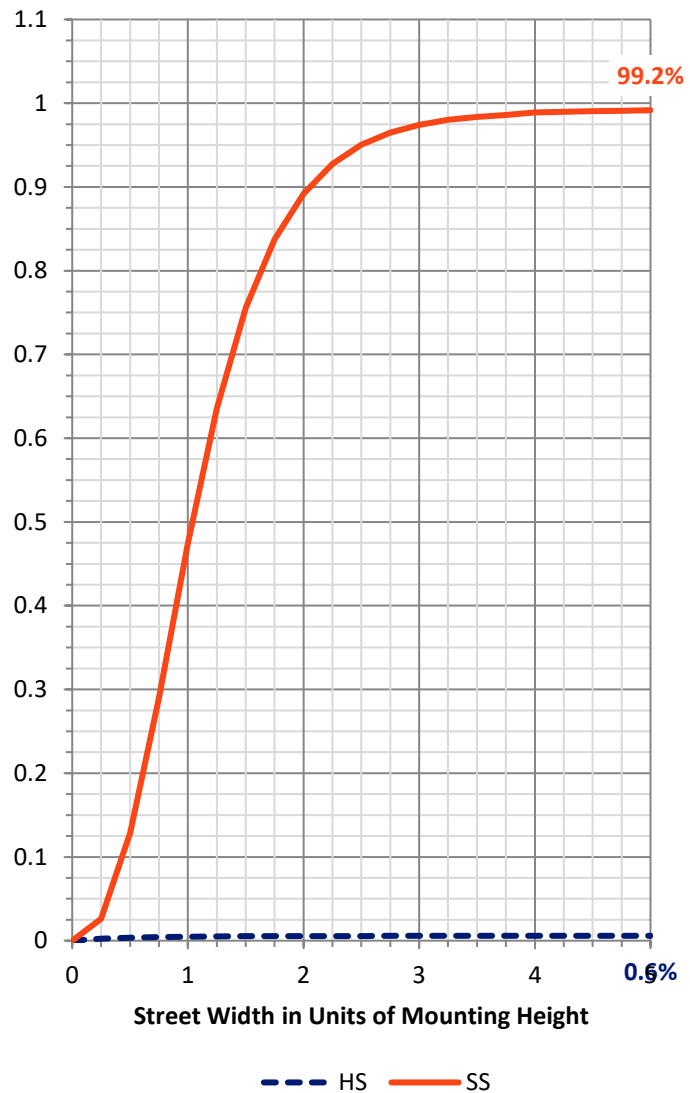
**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total   |
|--------------------|-----------|----------|--------|---------|
| <b>House Side</b>  | Lumens    | 63.8     | 0.0    | 63.8    |
|                    | % Fixture | 0.6      | 0.0    | 0.6     |
| <b>Street Side</b> | Lumens    | 10656.6  | 0.0    | 10656.6 |
|                    | % Fixture | 99.4     | 0.0    | 99.4    |
| <b>Total</b>       | Lumens    | 10720.3  | 0.0    | 10720.3 |
|                    | % Fixture | 100.0    | 0.0    | 100.0   |

**Coefficient of Utilization**

**ZONAL LUMENS:**

| Zone      | Lumens  | % Fixture |
|-----------|---------|-----------|
| 0°-10°    | 3.2     | 0.0       |
| 10°-20°   | 15.7    | 0.1       |
| 20°-30°   | 200.1   | 1.9       |
| 30°-40°   | 674.3   | 6.3       |
| 40°-50°   | 2036.5  | 19.0      |
| 50°-60°   | 3593.1  | 33.5      |
| 60°-70°   | 3165.5  | 29.5      |
| 70°-80°   | 1007.6  | 9.4       |
| 80°-90°   | 24.3    | 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°    | 10720.3 | 100.0     |
| 0°-180°   | 10720.4 | 100.0     |



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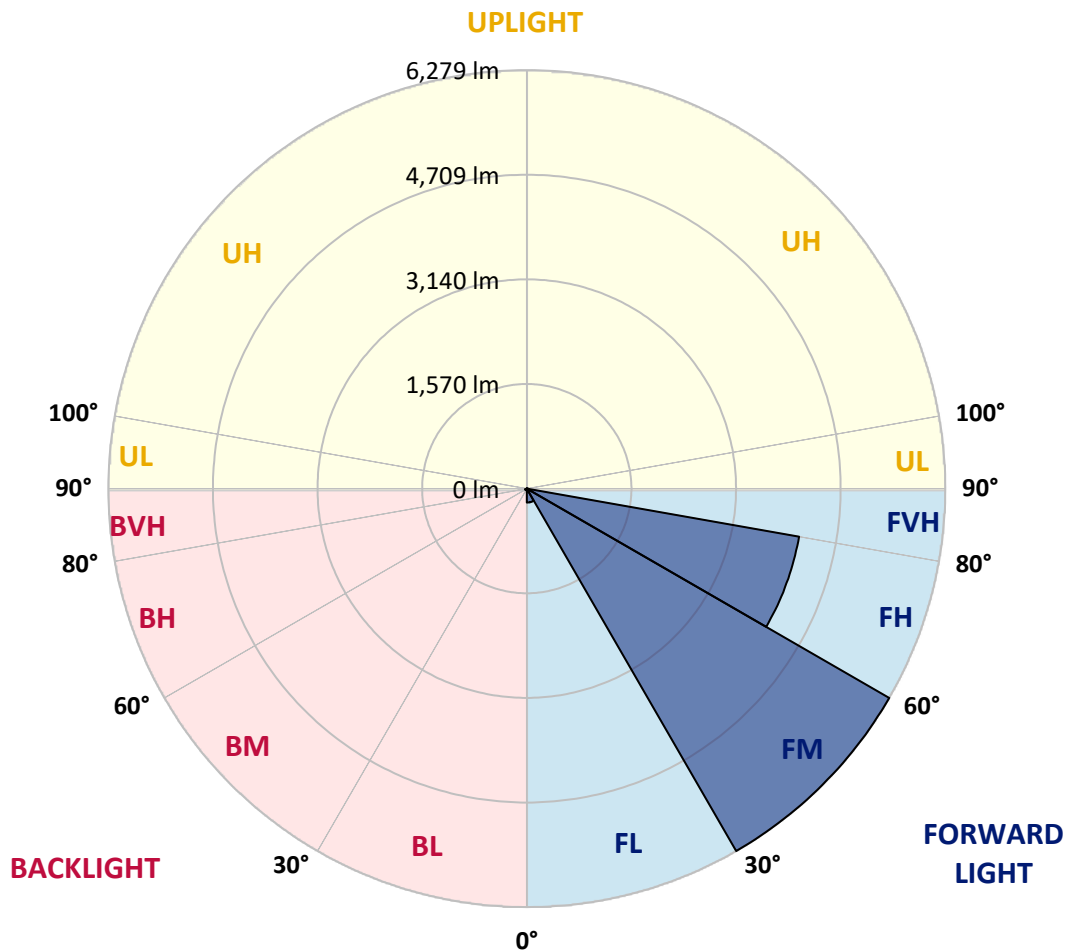
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

| Zone |             | Lumens | % Fixture | Zone Rating/Lumen Limit |      |         |
|------|-------------|--------|-----------|-------------------------|------|---------|
|      |             |        |           | B                       | U    | G       |
| FL   | (0°-30°)    | 209.4  | 2.0       |                         |      |         |
| FM   | (30°-60°)   | 6279.3 | 58.6      |                         |      |         |
| FH   | (60°-80°)   | 4148.2 | 38.7      |                         |      | G2/5000 |
| FVH  | (80°-90°)   | 19.7   | 0.2       |                         |      | G1/100  |
| BL   | (0°-30°)    | 9.6    | 0.1       | B0/110                  |      |         |
| BM   | (30°-60°)   | 24.7   | 0.2       | B0/220                  |      |         |
| BH   | (60°-80°)   | 25.0   | 0.2       | B0/110                  |      | G0/110  |
| BVH  | (80°-90°)   | 4.5    | 0.0       |                         |      | G0/10   |
| UL   | (90°-100°)  | 0.0    | 0.0       |                         | U0/0 |         |
| UH   | (100°-180°) | 0.0    | 0.0       |                         | U0/0 |         |

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

Type III Short



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**CANDELA DISTRIBUTION (FULL):**

|        | 0°     | 2.5°  | 5°    | 7.5°  | 10°   | 12.5° | 15°   | 17.5° | 20°   | 22.5° | 25°  |
|--------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|
| 0°     | 30.3   | 30.3  | 30.3  | 30.3  | 30.3  | 30.3  | 30.3  | 30.3  | 30.3  | 30.3  | 30.3 |
| 2.5°   | 26.9   | 26.9  | 26.9  | 26.9  | 26.9  | 26.9  | 26.9  | 26.9  | 26.9  | 26.9  | 23.5 |
| 5°     | 33.6   | 33.6  | 33.6  | 30.3  | 30.3  | 30.3  | 26.9  | 26.9  | 26.9  | 26.9  | 26.9 |
| 7.5°   | 40.3   | 37.0  | 37.0  | 33.6  | 33.6  | 33.6  | 30.3  | 30.3  | 30.3  | 30.3  | 26.9 |
| 10°    | 47.1   | 43.7  | 43.7  | 40.3  | 40.3  | 37.0  | 37.0  | 33.6  | 33.6  | 30.3  | 30.3 |
| 12.5°  | 53.8   | 50.4  | 47.1  | 43.7  | 43.7  | 40.3  | 40.3  | 37.0  | 37.0  | 33.6  | 33.6 |
| 15°    | 60.5   | 57.2  | 53.8  | 50.4  | 47.1  | 47.1  | 43.7  | 40.3  | 37.0  | 37.0  | 33.6 |
| 17.5°  | 70.6   | 63.9  | 60.5  | 53.8  | 50.4  | 47.1  | 43.7  | 40.3  | 40.3  | 37.0  | 37.0 |
| 20°    | 74.0   | 67.2  | 63.9  | 57.2  | 53.8  | 50.4  | 47.1  | 43.7  | 40.3  | 40.3  | 37.0 |
| 22.5°  | 87.4   | 74.0  | 70.6  | 63.9  | 60.5  | 57.2  | 50.4  | 47.1  | 43.7  | 40.3  | 37.0 |
| 25°    | 107.6  | 87.4  | 77.3  | 67.2  | 63.9  | 57.2  | 53.8  | 47.1  | 43.7  | 40.3  | 37.0 |
| 27.5°  | 131.1  | 97.5  | 87.4  | 74.0  | 67.2  | 60.5  | 53.8  | 47.1  | 43.7  | 40.3  | 37.0 |
| 30°    | 161.4  | 114.3 | 97.5  | 80.7  | 74.0  | 67.2  | 57.2  | 50.4  | 47.1  | 43.7  | 37.0 |
| 32.5°  | 225.2  | 141.2 | 114.3 | 87.4  | 77.3  | 70.6  | 60.5  | 50.4  | 47.1  | 43.7  | 37.0 |
| 35°    | 272.3  | 171.5 | 137.8 | 100.9 | 87.4  | 77.3  | 63.9  | 50.4  | 47.1  | 43.7  | 37.0 |
| 37.5°  | 316.0  | 174.8 | 141.2 | 107.6 | 94.1  | 80.7  | 63.9  | 50.4  | 47.1  | 43.7  | 37.0 |
| 40°    | 386.6  | 181.5 | 141.2 | 100.9 | 90.8  | 77.3  | 67.2  | 53.8  | 50.4  | 43.7  | 40.3 |
| 42.5°  | 521.1  | 208.4 | 151.3 | 94.1  | 84.0  | 77.3  | 67.2  | 57.2  | 50.4  | 47.1  | 40.3 |
| 45°    | 867.4  | 309.3 | 205.1 | 97.5  | 87.4  | 77.3  | 67.2  | 57.2  | 53.8  | 47.1  | 43.7 |
| 47.5°  | 1475.9 | 537.9 | 319.4 | 100.9 | 90.8  | 77.3  | 67.2  | 53.8  | 50.4  | 47.1  | 40.3 |
| 50°    | 1889.4 | 689.2 | 403.4 | 117.7 | 100.9 | 87.4  | 70.6  | 53.8  | 50.4  | 47.1  | 43.7 |
| 52.5°  | 2007.0 | 732.9 | 437.0 | 137.8 | 117.7 | 97.5  | 74.0  | 53.8  | 50.4  | 50.4  | 47.1 |
| 55°    | 1839.0 | 712.7 | 437.0 | 161.4 | 134.5 | 110.9 | 84.0  | 57.2  | 53.8  | 53.8  | 50.4 |
| 57.5°  | 1563.3 | 658.9 | 416.9 | 174.8 | 147.9 | 117.7 | 90.8  | 60.5  | 57.2  | 57.2  | 53.8 |
| 60°    | 1287.6 | 554.7 | 376.5 | 195.0 | 164.7 | 134.5 | 104.2 | 74.0  | 70.6  | 67.2  | 60.5 |
| 62.5°  | 1022.0 | 447.1 | 329.5 | 208.4 | 178.2 | 144.6 | 114.3 | 80.7  | 77.3  | 74.0  | 70.6 |
| 65°    | 769.9  | 390.0 | 305.9 | 218.5 | 184.9 | 151.3 | 117.7 | 84.0  | 80.7  | 80.7  | 77.3 |
| 67.5°  | 591.7  | 356.4 | 292.5 | 225.2 | 191.6 | 158.0 | 124.4 | 90.8  | 87.4  | 84.0  | 80.7 |
| 70°    | 467.3  | 329.5 | 275.7 | 221.9 | 191.6 | 161.4 | 127.8 | 97.5  | 90.8  | 87.4  | 80.7 |
| 72.5°  | 390.0  | 299.2 | 255.5 | 211.8 | 188.3 | 164.7 | 141.2 | 117.7 | 104.2 | 94.1  | 80.7 |
| 75°    | 326.1  | 269.0 | 232.0 | 191.6 | 174.8 | 161.4 | 144.6 | 127.8 | 110.9 | 94.1  | 77.3 |
| 77.5°  | 215.2  | 195.0 | 178.2 | 161.4 | 151.3 | 141.2 | 127.8 | 117.7 | 100.9 | 87.4  | 70.6 |
| 80°    | 90.8   | 84.0  | 87.4  | 87.4  | 87.4  | 87.4  | 84.0  | 84.0  | 74.0  | 63.9  | 50.4 |
| 82.5°  | 20.2   | 16.8  | 20.2  | 20.2  | 20.2  | 20.2  | 16.8  | 16.8  | 16.8  | 13.4  | 13.4 |
| 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   | 0.0  |



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**CANDELA DISTRIBUTION (continued):**

|        | 0°  | 2.5° | 5°  | 7.5° | 10° | 12.5° | 15° | 17.5° | 20° | 22.5° | 25° |
|--------|-----|------|-----|------|-----|-------|-----|-------|-----|-------|-----|
| 112.5° | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 |
| 115°   | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 |
| 117.5° | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 |
| 120°   | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 |
| 122.5° | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 |
| 125°   | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 |
| 127.5° | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 |
| 130°   | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 |
| 132.5° | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 |
| 135°   | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 |
| 137.5° | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 |
| 140°   | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 |
| 142.5° | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 |
| 145°   | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 |
| 147.5° | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 |
| 150°   | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 |
| 152.5° | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 |
| 155°   | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 |
| 157.5° | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 |
| 160°   | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 |
| 162.5° | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 |
| 165°   | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 |
| 167.5° | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 |
| 170°   | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 |
| 172.5° | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 |
| 175°   | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 |
| 177.5° | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 |
| 180°   | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 |



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**CANDELA DISTRIBUTION (continued):**

|        | 27.5° | 30°  | 32.5° | 35°  | 37.5° | 40°  | 42.5° | 45°  | 47.5° | 50°  | 52.5° |
|--------|-------|------|-------|------|-------|------|-------|------|-------|------|-------|
| 0°     | 30.3  | 30.3 | 30.3  | 30.3 | 30.3  | 30.3 | 30.3  | 30.3 | 30.3  | 30.3 | 30.3  |
| 2.5°   | 23.5  | 23.5 | 23.5  | 23.5 | 23.5  | 23.5 | 23.5  | 23.5 | 23.5  | 23.5 | 23.5  |
| 5°     | 26.9  | 26.9 | 26.9  | 23.5 | 23.5  | 23.5 | 23.5  | 23.5 | 23.5  | 23.5 | 23.5  |
| 7.5°   | 26.9  | 26.9 | 26.9  | 23.5 | 23.5  | 23.5 | 23.5  | 20.2 | 20.2  | 20.2 | 20.2  |
| 10°    | 26.9  | 26.9 | 26.9  | 23.5 | 23.5  | 23.5 | 23.5  | 20.2 | 20.2  | 20.2 | 20.2  |
| 12.5°  | 30.3  | 30.3 | 26.9  | 26.9 | 23.5  | 23.5 | 23.5  | 20.2 | 20.2  | 20.2 | 20.2  |
| 15°    | 30.3  | 30.3 | 26.9  | 26.9 | 23.5  | 23.5 | 23.5  | 20.2 | 20.2  | 20.2 | 20.2  |
| 17.5°  | 33.6  | 30.3 | 30.3  | 26.9 | 23.5  | 23.5 | 23.5  | 20.2 | 20.2  | 20.2 | 20.2  |
| 20°    | 33.6  | 30.3 | 30.3  | 26.9 | 23.5  | 23.5 | 23.5  | 20.2 | 20.2  | 20.2 | 20.2  |
| 22.5°  | 33.6  | 30.3 | 30.3  | 26.9 | 23.5  | 23.5 | 20.2  | 20.2 | 16.8  | 16.8 | 13.4  |
| 25°    | 33.6  | 30.3 | 30.3  | 26.9 | 23.5  | 23.5 | 20.2  | 20.2 | 16.8  | 13.4 | 13.4  |
| 27.5°  | 33.6  | 30.3 | 30.3  | 26.9 | 23.5  | 20.2 | 20.2  | 16.8 | 13.4  | 10.1 | 10.1  |
| 30°    | 33.6  | 30.3 | 30.3  | 26.9 | 23.5  | 20.2 | 16.8  | 13.4 | 10.1  | 10.1 | 6.7   |
| 32.5°  | 33.6  | 30.3 | 26.9  | 23.5 | 20.2  | 16.8 | 16.8  | 13.4 | 10.1  | 6.7  | 6.7   |
| 35°    | 33.6  | 30.3 | 26.9  | 23.5 | 20.2  | 16.8 | 16.8  | 13.4 | 10.1  | 6.7  | 6.7   |
| 37.5°  | 33.6  | 30.3 | 26.9  | 23.5 | 20.2  | 16.8 | 13.4  | 10.1 | 6.7   | 6.7  | 3.4   |
| 40°    | 33.6  | 30.3 | 26.9  | 23.5 | 20.2  | 16.8 | 13.4  | 10.1 | 6.7   | 6.7  | 3.4   |
| 42.5°  | 33.6  | 30.3 | 26.9  | 23.5 | 20.2  | 16.8 | 13.4  | 10.1 | 6.7   | 6.7  | 3.4   |
| 45°    | 37.0  | 33.6 | 30.3  | 23.5 | 20.2  | 16.8 | 16.8  | 13.4 | 10.1  | 6.7  | 6.7   |
| 47.5°  | 37.0  | 33.6 | 30.3  | 23.5 | 20.2  | 16.8 | 16.8  | 13.4 | 10.1  | 6.7  | 6.7   |
| 50°    | 40.3  | 37.0 | 33.6  | 26.9 | 23.5  | 20.2 | 16.8  | 10.1 | 6.7   | 6.7  | 3.4   |
| 52.5°  | 43.7  | 40.3 | 37.0  | 33.6 | 30.3  | 23.5 | 16.8  | 10.1 | 3.4   | 3.4  | 3.4   |
| 55°    | 47.1  | 43.7 | 43.7  | 40.3 | 37.0  | 26.9 | 20.2  | 10.1 | 0.0   | 0.0  | 0.0   |
| 57.5°  | 50.4  | 47.1 | 47.1  | 43.7 | 40.3  | 30.3 | 20.2  | 10.1 | 0.0   | 0.0  | 0.0   |
| 60°    | 57.2  | 53.8 | 50.4  | 43.7 | 40.3  | 30.3 | 20.2  | 10.1 | 0.0   | 0.0  | 0.0   |
| 62.5°  | 67.2  | 60.5 | 50.4  | 43.7 | 33.6  | 26.9 | 16.8  | 10.1 | 0.0   | 0.0  | 0.0   |
| 65°    | 74.0  | 63.9 | 53.8  | 40.3 | 30.3  | 23.5 | 16.8  | 6.7  | 0.0   | 0.0  | 0.0   |
| 67.5°  | 77.3  | 63.9 | 53.8  | 40.3 | 26.9  | 20.2 | 13.4  | 6.7  | 0.0   | 0.0  | 0.0   |
| 70°    | 74.0  | 60.5 | 50.4  | 37.0 | 23.5  | 16.8 | 13.4  | 6.7  | 0.0   | 0.0  | 0.0   |
| 72.5°  | 67.2  | 57.2 | 43.7  | 33.6 | 20.2  | 16.8 | 10.1  | 6.7  | 0.0   | 0.0  | 0.0   |
| 75°    | 60.5  | 50.4 | 37.0  | 26.9 | 13.4  | 10.1 | 6.7   | 3.4  | 0.0   | 0.0  | 0.0   |
| 77.5°  | 53.8  | 43.7 | 30.3  | 20.2 | 6.7   | 6.7  | 3.4   | 3.4  | 0.0   | 0.0  | 0.0   |
| 80°    | 40.3  | 30.3 | 20.2  | 10.1 | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   |
| 82.5°  | 10.1  | 6.7  | 6.7   | 3.4  | 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  | 0.0   |



REPORT NUMBER: P1067857

CATALOG NUMBER: NAV-SA4A-835-U-RBC

**CANDELA DISTRIBUTION (continued):**

|        | 27.5° | 30° | 32.5° | 35° | 37.5° | 40° | 42.5° | 45° | 47.5° | 50° | 52.5° |
|--------|-------|-----|-------|-----|-------|-----|-------|-----|-------|-----|-------|
| 112.5° | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   |
| 115°   | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   |
| 117.5° | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   |
| 120°   | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   |
| 122.5° | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   |
| 125°   | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   |
| 127.5° | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   |
| 130°   | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   |
| 132.5° | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   |
| 135°   | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   |
| 137.5° | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   |
| 140°   | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   |
| 142.5° | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   |
| 145°   | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   |
| 147.5° | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   |
| 150°   | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   |
| 152.5° | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   |
| 155°   | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   |
| 157.5° | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   |
| 160°   | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   |
| 162.5° | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   |
| 165°   | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   |
| 167.5° | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   |
| 170°   | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   |
| 172.5° | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   |
| 175°   | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   |
| 177.5° | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   |
| 180°   | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   |

REPORT NUMBER: P1067857

CATALOG NUMBER: NAV-SA4A-835-U-RBC

**CANDELA DISTRIBUTION (continued):**

|        | 55°  | 57.5° | 60°  | 62.5° | 65°  | 67.5° | 70°  | 72.5° | 75°  | 77.5° | 80°  |
|--------|------|-------|------|-------|------|-------|------|-------|------|-------|------|
| 0°     | 30.3 | 30.3  | 30.3 | 30.3  | 30.3 | 30.3  | 30.3 | 30.3  | 30.3 | 30.3  | 30.3 |
| 2.5°   | 20.2 | 20.2  | 20.2 | 20.2  | 20.2 | 20.2  | 20.2 | 20.2  | 20.2 | 20.2  | 20.2 |
| 5°     | 20.2 | 20.2  | 20.2 | 20.2  | 16.8 | 16.8  | 16.8 | 16.8  | 16.8 | 16.8  | 16.8 |
| 7.5°   | 20.2 | 20.2  | 20.2 | 20.2  | 16.8 | 16.8  | 16.8 | 16.8  | 13.4 | 13.4  | 13.4 |
| 10°    | 16.8 | 16.8  | 16.8 | 16.8  | 16.8 | 16.8  | 16.8 | 16.8  | 13.4 | 13.4  | 13.4 |
| 12.5°  | 16.8 | 16.8  | 16.8 | 16.8  | 16.8 | 16.8  | 16.8 | 16.8  | 13.4 | 13.4  | 13.4 |
| 15°    | 16.8 | 16.8  | 16.8 | 16.8  | 16.8 | 16.8  | 16.8 | 13.4  | 13.4 | 10.1  | 10.1 |
| 17.5°  | 16.8 | 16.8  | 16.8 | 16.8  | 13.4 | 13.4  | 13.4 | 10.1  | 10.1 | 6.7   | 6.7  |
| 20°    | 16.8 | 16.8  | 16.8 | 13.4  | 13.4 | 10.1  | 10.1 | 6.7   | 6.7  | 3.4   | 3.4  |
| 22.5°  | 13.4 | 10.1  | 10.1 | 6.7   | 6.7  | 3.4   | 3.4  | 3.4   | 0.0  | 0.0   | 0.0  |
| 25°    | 10.1 | 6.7   | 6.7  | 3.4   | 3.4  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  |
| 27.5°  | 6.7  | 3.4   | 3.4  | 3.4   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  |
| 30°    | 6.7  | 3.4   | 3.4  | 3.4   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  |
| 32.5°  | 3.4  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  |
| 35°    | 3.4  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  |
| 37.5°  | 3.4  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  |
| 40°    | 3.4  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  |
| 42.5°  | 3.4  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  |
| 45°    | 3.4  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  |
| 47.5°  | 3.4  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  |
| 50°    | 3.4  | 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   | 0.0  |



REPORT NUMBER: P1067857

CATALOG NUMBER: NAV-SA4A-835-U-RBC

**CANDELA DISTRIBUTION (continued):**

|        | 55° | 57.5° | 60° | 62.5° | 65° | 67.5° | 70° | 72.5° | 75° | 77.5° | 80° |
|--------|-----|-------|-----|-------|-----|-------|-----|-------|-----|-------|-----|
| 112.5° | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 |
| 115°   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 |
| 117.5° | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 |
| 120°   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 |
| 122.5° | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 |
| 125°   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 |
| 127.5° | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 |
| 130°   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 |
| 132.5° | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 |
| 135°   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 |
| 137.5° | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 |
| 140°   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 |
| 142.5° | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 |
| 145°   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 |
| 147.5° | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 |
| 150°   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 |
| 152.5° | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 |
| 155°   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 |
| 157.5° | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 |
| 160°   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 |
| 162.5° | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 |
| 165°   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 |
| 167.5° | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 |
| 170°   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 |
| 172.5° | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 |
| 175°   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 |
| 177.5° | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 |
| 180°   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 |

REPORT NUMBER: P1067857

CATALOG NUMBER: NAV-SA4A-835-U-RBC

**CANDELA DISTRIBUTION (continued):**

|        | 82.5° | 85°  | 87.5° | 90°  | 92.5° | 95°  | 97.5° | 100° | 102.5° | 105° | 107.5° |
|--------|-------|------|-------|------|-------|------|-------|------|--------|------|--------|
| 0°     | 30.3  | 30.3 | 30.3  | 30.3 | 30.3  | 30.3 | 30.3  | 30.3 | 30.3   | 30.3 | 30.3   |
| 2.5°   | 20.2  | 16.8 | 16.8  | 16.8 | 16.8  | 16.8 | 16.8  | 16.8 | 16.8   | 16.8 | 16.8   |
| 5°     | 16.8  | 16.8 | 16.8  | 16.8 | 13.4  | 13.4 | 13.4  | 13.4 | 13.4   | 13.4 | 13.4   |
| 7.5°   | 13.4  | 13.4 | 13.4  | 13.4 | 13.4  | 13.4 | 10.1  | 10.1 | 10.1   | 10.1 | 10.1   |
| 10°    | 13.4  | 10.1 | 10.1  | 10.1 | 10.1  | 10.1 | 10.1  | 10.1 | 10.1   | 6.7  | 6.7    |
| 12.5°  | 13.4  | 10.1 | 10.1  | 10.1 | 6.7   | 6.7  | 6.7   | 6.7  | 6.7    | 3.4  | 3.4    |
| 15°    | 10.1  | 6.7  | 6.7   | 6.7  | 3.4   | 3.4  | 3.4   | 3.4  | 3.4    | 0.0  | 0.0    |
| 17.5°  | 6.7   | 3.4  | 3.4   | 3.4  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0    | 0.0  | 0.0    |
| 20°    | 3.4   | 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  | 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  | 0.0    |



REPORT NUMBER: P1067857

CATALOG NUMBER: NAV-SA4A-835-U-RBC

**CANDELA DISTRIBUTION (continued):**

|        | 82.5° | 85° | 87.5° | 90° | 92.5° | 95° | 97.5° | 100° | 102.5° | 105° | 107.5° |
|--------|-------|-----|-------|-----|-------|-----|-------|------|--------|------|--------|
| 112.5° | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0  | 0.0    | 0.0  | 0.0    |
| 115°   | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0  | 0.0    | 0.0  | 0.0    |
| 117.5° | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0  | 0.0    | 0.0  | 0.0    |
| 120°   | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0  | 0.0    | 0.0  | 0.0    |
| 122.5° | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0  | 0.0    | 0.0  | 0.0    |
| 125°   | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0  | 0.0    | 0.0  | 0.0    |
| 127.5° | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0  | 0.0    | 0.0  | 0.0    |
| 130°   | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0  | 0.0    | 0.0  | 0.0    |
| 132.5° | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0  | 0.0    | 0.0  | 0.0    |
| 135°   | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0  | 0.0    | 0.0  | 0.0    |
| 137.5° | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0  | 0.0    | 0.0  | 0.0    |
| 140°   | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0  | 0.0    | 0.0  | 0.0    |
| 142.5° | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0  | 0.0    | 0.0  | 0.0    |
| 145°   | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0  | 0.0    | 0.0  | 0.0    |
| 147.5° | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0  | 0.0    | 0.0  | 0.0    |
| 150°   | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0  | 0.0    | 0.0  | 0.0    |
| 152.5° | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0  | 0.0    | 0.0  | 0.0    |
| 155°   | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0  | 0.0    | 0.0  | 0.0    |
| 157.5° | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0  | 0.0    | 0.0  | 0.0    |
| 160°   | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0  | 0.0    | 0.0  | 0.0    |
| 162.5° | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0  | 0.0    | 0.0  | 0.0    |
| 165°   | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0  | 0.0    | 0.0  | 0.0    |
| 167.5° | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0  | 0.0    | 0.0  | 0.0    |
| 170°   | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0  | 0.0    | 0.0  | 0.0    |
| 172.5° | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0  | 0.0    | 0.0  | 0.0    |
| 175°   | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0  | 0.0    | 0.0  | 0.0    |
| 177.5° | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0  | 0.0    | 0.0  | 0.0    |
| 180°   | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0  | 0.0    | 0.0  | 0.0    |

REPORT NUMBER: P1067857

CATALOG NUMBER: NAV-SA4A-835-U-RBC

**CANDELA DISTRIBUTION (continued):**

|        | 110° | 112.5° | 115° | 117.5° | 120° | 122.5° | 125° | 127.5° | 130° | 132.5° | 135° |
|--------|------|--------|------|--------|------|--------|------|--------|------|--------|------|
| 0°     | 30.3 | 30.3   | 30.3 | 30.3   | 30.3 | 30.3   | 30.3 | 30.3   | 30.3 | 30.3   | 30.3 |
| 2.5°   | 16.8 | 16.8   | 16.8 | 16.8   | 16.8 | 16.8   | 16.8 | 16.8   | 16.8 | 20.2   | 20.2 |
| 5°     | 13.4 | 13.4   | 13.4 | 13.4   | 13.4 | 13.4   | 13.4 | 13.4   | 13.4 | 13.4   | 13.4 |
| 7.5°   | 10.1 | 10.1   | 10.1 | 10.1   | 10.1 | 10.1   | 10.1 | 10.1   | 10.1 | 10.1   | 10.1 |
| 10°    | 6.7  | 6.7    | 6.7  | 6.7    | 6.7  | 6.7    | 3.4  | 3.4    | 3.4  | 3.4    | 3.4  |
| 12.5°  | 3.4  | 3.4    | 3.4  | 3.4    | 3.4  | 3.4    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 15°    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 17.5°  | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 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    | 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    | 0.0  |



REPORT NUMBER: P1067857

CATALOG NUMBER: NAV-SA4A-835-U-RBC

**CANDELA DISTRIBUTION (continued):**

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



REPORT NUMBER: P1067857

CATALOG NUMBER: NAV-SA4A-835-U-RBC

**CANDELA DISTRIBUTION (continued):**

|        | 137.5° | 140° | 142.5° | 145° | 147.5° | 150° | 152.5° | 155° | 157.5° | 160° | 162.5° |
|--------|--------|------|--------|------|--------|------|--------|------|--------|------|--------|
| 0°     | 30.3   | 30.3 | 30.3   | 30.3 | 30.3   | 30.3 | 30.3   | 30.3 | 30.3   | 30.3 | 30.3   |
| 2.5°   | 20.2   | 20.2 | 20.2   | 20.2 | 20.2   | 23.5 | 23.5   | 26.9 | 26.9   | 30.3 | 30.3   |
| 5°     | 13.4   | 13.4 | 16.8   | 16.8 | 16.8   | 16.8 | 20.2   | 20.2 | 20.2   | 23.5 | 23.5   |
| 7.5°   | 10.1   | 10.1 | 10.1   | 10.1 | 10.1   | 13.4 | 13.4   | 16.8 | 16.8   | 20.2 | 20.2   |
| 10°    | 3.4    | 3.4  | 6.7    | 6.7  | 6.7    | 6.7  | 10.1   | 10.1 | 10.1   | 13.4 | 16.8   |
| 12.5°  | 0.0    | 0.0  | 3.4    | 3.4  | 3.4    | 3.4  | 6.7    | 6.7  | 6.7    | 10.1 | 13.4   |
| 15°    | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 3.4    | 3.4  | 3.4    | 6.7  | 10.1   |
| 17.5°  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 3.4  | 6.7    |
| 20°    | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 3.4  | 3.4    |
| 22.5°  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 3.4    |
| 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  | 0.0    |



REPORT NUMBER: P1067857

CATALOG NUMBER: NAV-SA4A-835-U-RBC

**CANDELA DISTRIBUTION (continued):**

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

REPORT NUMBER: P1067857

CATALOG NUMBER: NAV-SA4A-835-U-RBC

**CANDELA DISTRIBUTION (continued):**

|        | 165° | 167.5° | 170° | 172.5° | 175° | 177.5° | 180° | 182.5° | 185° | 187.5° | 190° |
|--------|------|--------|------|--------|------|--------|------|--------|------|--------|------|
| 0°     | 30.3 | 30.3   | 30.3 | 30.3   | 30.3 | 30.3   | 30.3 | 30.3   | 30.3 | 30.3   | 30.3 |
| 2.5°   | 33.6 | 33.6   | 37.0 | 37.0   | 40.3 | 40.3   | 43.7 | 43.7   | 43.7 | 43.7   | 43.7 |
| 5°     | 26.9 | 26.9   | 30.3 | 33.6   | 33.6 | 37.0   | 40.3 | 40.3   | 40.3 | 40.3   | 40.3 |
| 7.5°   | 23.5 | 23.5   | 26.9 | 30.3   | 30.3 | 33.6   | 37.0 | 37.0   | 40.3 | 40.3   | 40.3 |
| 10°    | 16.8 | 20.2   | 23.5 | 26.9   | 26.9 | 30.3   | 33.6 | 33.6   | 37.0 | 37.0   | 37.0 |
| 12.5°  | 13.4 | 16.8   | 20.2 | 23.5   | 23.5 | 26.9   | 30.3 | 30.3   | 33.6 | 33.6   | 37.0 |
| 15°    | 10.1 | 13.4   | 16.8 | 20.2   | 20.2 | 23.5   | 26.9 | 26.9   | 30.3 | 33.6   | 37.0 |
| 17.5°  | 6.7  | 10.1   | 13.4 | 16.8   | 16.8 | 20.2   | 23.5 | 26.9   | 30.3 | 30.3   | 33.6 |
| 20°    | 6.7  | 6.7    | 10.1 | 13.4   | 13.4 | 16.8   | 20.2 | 23.5   | 26.9 | 26.9   | 30.3 |
| 22.5°  | 3.4  | 3.4    | 6.7  | 10.1   | 10.1 | 13.4   | 16.8 | 20.2   | 23.5 | 23.5   | 26.9 |
| 25°    | 0.0  | 0.0    | 3.4  | 6.7    | 6.7  | 10.1   | 13.4 | 13.4   | 16.8 | 16.8   | 20.2 |
| 27.5°  | 0.0  | 0.0    | 3.4  | 3.4    | 6.7  | 6.7    | 10.1 | 10.1   | 13.4 | 13.4   | 16.8 |
| 30°    | 0.0  | 0.0    | 3.4  | 3.4    | 6.7  | 6.7    | 10.1 | 10.1   | 13.4 | 13.4   | 13.4 |
| 32.5°  | 0.0  | 0.0    | 0.0  | 3.4    | 3.4  | 3.4    | 6.7  | 6.7    | 10.1 | 10.1   | 13.4 |
| 35°    | 0.0  | 0.0    | 0.0  | 3.4    | 3.4  | 3.4    | 6.7  | 6.7    | 10.1 | 10.1   | 10.1 |
| 37.5°  | 0.0  | 0.0    | 0.0  | 3.4    | 3.4  | 3.4    | 6.7  | 6.7    | 6.7  | 6.7    | 10.1 |
| 40°    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 3.4  | 3.4    | 6.7  | 6.7    | 6.7  |
| 42.5°  | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 3.4  | 3.4    | 6.7  | 6.7    | 6.7  |
| 45°    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 3.4  | 3.4    | 6.7  | 6.7    | 6.7  |
| 47.5°  | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 3.4  | 3.4    | 6.7  | 6.7    | 6.7  |
| 50°    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 3.4  | 3.4    | 6.7  | 6.7    | 6.7  |
| 52.5°  | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 3.4  | 3.4    | 3.4  | 3.4    | 3.4  |
| 55°    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 3.4  | 3.4    | 3.4  | 3.4    | 3.4  |
| 57.5°  | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 3.4  | 3.4    | 3.4  |
| 60°    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 3.4  | 3.4    | 3.4  |
| 62.5°  | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 3.4  | 3.4    | 3.4  |
| 65°    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 3.4  | 3.4    | 3.4  |
| 67.5°  | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 3.4  | 3.4    | 3.4  |
| 70°    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 3.4  | 3.4    | 3.4  |
| 72.5°  | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 3.4  | 3.4    | 3.4  |
| 75°    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 3.4  | 3.4    | 3.4  | 3.4    | 3.4  |
| 77.5°  | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 3.4  | 3.4    | 6.7  | 6.7    | 6.7  |
| 80°    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 3.4  | 3.4    | 6.7  | 6.7    | 6.7  |
| 82.5°  | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 3.4  | 3.4    | 3.4  | 3.4    | 6.7  |
| 85°    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 3.4  | 3.4    | 3.4  | 3.4    | 3.4  |
| 87.5°  | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 3.4  | 3.4    | 3.4  | 3.4    | 3.4  |
| 90°    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 92.5°  | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 95°    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 97.5°  | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 100°   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 102.5° | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 105°   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 107.5° | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 110°   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |



REPORT NUMBER: P1067857

CATALOG NUMBER: NAV-SA4A-835-U-RBC

**CANDELA DISTRIBUTION (continued):**

|        | 165° | 167.5° | 170° | 172.5° | 175° | 177.5° | 180° | 182.5° | 185° | 187.5° | 190° |
|--------|------|--------|------|--------|------|--------|------|--------|------|--------|------|
| 112.5° | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 115°   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 117.5° | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 120°   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 122.5° | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 125°   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 127.5° | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 130°   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 132.5° | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 135°   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 137.5° | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 140°   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 142.5° | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 145°   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 147.5° | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 150°   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 152.5° | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 155°   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 157.5° | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 160°   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 162.5° | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 165°   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 167.5° | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 170°   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 172.5° | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 175°   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 177.5° | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 180°   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |

REPORT NUMBER: P1067857

CATALOG NUMBER: NAV-SA4A-835-U-RBC

**CANDELA DISTRIBUTION (continued):**

|        | 192.5° | 195° | 197.5° | 200° | 202.5° | 205° | 207.5° | 210° | 212.5° | 215° | 217.5° |
|--------|--------|------|--------|------|--------|------|--------|------|--------|------|--------|
| 0°     | 30.3   | 30.3 | 30.3   | 30.3 | 30.3   | 30.3 | 30.3   | 30.3 | 30.3   | 30.3 | 30.3   |
| 2.5°   | 47.1   | 47.1 | 47.1   | 47.1 | 47.1   | 47.1 | 47.1   | 47.1 | 47.1   | 43.7 | 43.7   |
| 5°     | 43.7   | 43.7 | 43.7   | 43.7 | 43.7   | 43.7 | 43.7   | 43.7 | 43.7   | 40.3 | 40.3   |
| 7.5°   | 43.7   | 43.7 | 43.7   | 43.7 | 43.7   | 43.7 | 43.7   | 43.7 | 43.7   | 40.3 | 40.3   |
| 10°    | 40.3   | 40.3 | 40.3   | 40.3 | 40.3   | 40.3 | 40.3   | 40.3 | 40.3   | 40.3 | 40.3   |
| 12.5°  | 37.0   | 40.3 | 40.3   | 40.3 | 40.3   | 40.3 | 40.3   | 40.3 | 40.3   | 40.3 | 40.3   |
| 15°    | 37.0   | 40.3 | 40.3   | 40.3 | 40.3   | 40.3 | 40.3   | 40.3 | 40.3   | 40.3 | 40.3   |
| 17.5°  | 33.6   | 37.0 | 37.0   | 37.0 | 40.3   | 40.3 | 40.3   | 40.3 | 40.3   | 40.3 | 40.3   |
| 20°    | 30.3   | 33.6 | 33.6   | 33.6 | 37.0   | 37.0 | 37.0   | 37.0 | 40.3   | 40.3 | 40.3   |
| 22.5°  | 26.9   | 30.3 | 30.3   | 30.3 | 33.6   | 33.6 | 33.6   | 33.6 | 37.0   | 37.0 | 37.0   |
| 25°    | 23.5   | 23.5 | 26.9   | 26.9 | 30.3   | 30.3 | 30.3   | 30.3 | 30.3   | 30.3 | 30.3   |
| 27.5°  | 16.8   | 20.2 | 20.2   | 20.2 | 23.5   | 23.5 | 23.5   | 23.5 | 26.9   | 26.9 | 26.9   |
| 30°    | 16.8   | 16.8 | 16.8   | 16.8 | 20.2   | 20.2 | 20.2   | 20.2 | 23.5   | 23.5 | 23.5   |
| 32.5°  | 13.4   | 16.8 | 16.8   | 16.8 | 20.2   | 20.2 | 20.2   | 20.2 | 23.5   | 23.5 | 23.5   |
| 35°    | 13.4   | 13.4 | 13.4   | 13.4 | 16.8   | 16.8 | 16.8   | 16.8 | 20.2   | 20.2 | 20.2   |
| 37.5°  | 10.1   | 13.4 | 13.4   | 13.4 | 16.8   | 16.8 | 16.8   | 16.8 | 20.2   | 20.2 | 20.2   |
| 40°    | 10.1   | 10.1 | 10.1   | 10.1 | 13.4   | 13.4 | 13.4   | 13.4 | 16.8   | 16.8 | 16.8   |
| 42.5°  | 10.1   | 10.1 | 10.1   | 10.1 | 13.4   | 13.4 | 13.4   | 13.4 | 16.8   | 16.8 | 16.8   |
| 45°    | 10.1   | 10.1 | 10.1   | 10.1 | 13.4   | 13.4 | 13.4   | 13.4 | 16.8   | 16.8 | 16.8   |
| 47.5°  | 10.1   | 10.1 | 10.1   | 10.1 | 13.4   | 13.4 | 13.4   | 13.4 | 16.8   | 16.8 | 16.8   |
| 50°    | 10.1   | 10.1 | 10.1   | 10.1 | 13.4   | 13.4 | 13.4   | 13.4 | 16.8   | 16.8 | 16.8   |
| 52.5°  | 6.7    | 6.7  | 6.7    | 6.7  | 10.1   | 10.1 | 10.1   | 10.1 | 13.4   | 13.4 | 13.4   |
| 55°    | 6.7    | 6.7  | 6.7    | 6.7  | 6.7    | 6.7  | 6.7    | 6.7  | 10.1   | 10.1 | 10.1   |
| 57.5°  | 6.7    | 6.7  | 6.7    | 6.7  | 6.7    | 6.7  | 6.7    | 6.7  | 10.1   | 10.1 | 10.1   |
| 60°    | 6.7    | 6.7  | 6.7    | 6.7  | 6.7    | 6.7  | 6.7    | 6.7  | 6.7    | 6.7  | 6.7    |
| 62.5°  | 3.4    | 3.4  | 3.4    | 3.4  | 3.4    | 3.4  | 3.4    | 3.4  | 3.4    | 3.4  | 3.4    |
| 65°    | 6.7    | 6.7  | 6.7    | 6.7  | 6.7    | 6.7  | 6.7    | 6.7  | 6.7    | 3.4  | 3.4    |
| 67.5°  | 6.7    | 6.7  | 6.7    | 6.7  | 6.7    | 6.7  | 6.7    | 6.7  | 6.7    | 6.7  | 6.7    |
| 70°    | 6.7    | 6.7  | 6.7    | 6.7  | 6.7    | 6.7  | 6.7    | 6.7  | 6.7    | 6.7  | 6.7    |
| 72.5°  | 6.7    | 6.7  | 6.7    | 6.7  | 6.7    | 6.7  | 6.7    | 6.7  | 6.7    | 6.7  | 6.7    |
| 75°    | 6.7    | 6.7  | 6.7    | 6.7  | 6.7    | 6.7  | 6.7    | 6.7  | 6.7    | 6.7  | 6.7    |
| 77.5°  | 6.7    | 6.7  | 6.7    | 6.7  | 6.7    | 6.7  | 6.7    | 6.7  | 6.7    | 6.7  | 6.7    |
| 80°    | 10.1   | 10.1 | 10.1   | 10.1 | 10.1   | 6.7  | 6.7    | 6.7  | 6.7    | 6.7  | 6.7    |
| 82.5°  | 6.7    | 10.1 | 10.1   | 10.1 | 10.1   | 6.7  | 6.7    | 6.7  | 6.7    | 6.7  | 6.7    |
| 85°    | 6.7    | 6.7  | 6.7    | 6.7  | 6.7    | 6.7  | 6.7    | 6.7  | 6.7    | 6.7  | 6.7    |
| 87.5°  | 6.7    | 6.7  | 6.7    | 6.7  | 6.7    | 6.7  | 6.7    | 6.7  | 6.7    | 6.7  | 6.7    |
| 90°    | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 92.5°  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 95°    | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 97.5°  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 100°   | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 102.5° | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 105°   | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 107.5° | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 110°   | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |



REPORT NUMBER: P1067857

CATALOG NUMBER: NAV-SA4A-835-U-RBC

**CANDELA DISTRIBUTION (continued):**

|        | 192.5° | 195° | 197.5° | 200° | 202.5° | 205° | 207.5° | 210° | 212.5° | 215° | 217.5° |
|--------|--------|------|--------|------|--------|------|--------|------|--------|------|--------|
| 112.5° | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 115°   | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 117.5° | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 120°   | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 122.5° | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 125°   | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 127.5° | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 130°   | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 132.5° | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 135°   | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 137.5° | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 140°   | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 142.5° | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 145°   | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 147.5° | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 150°   | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 152.5° | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 155°   | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 157.5° | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 160°   | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 162.5° | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 165°   | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 167.5° | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 170°   | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 172.5° | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 175°   | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 177.5° | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 180°   | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |

REPORT NUMBER: P1067857

CATALOG NUMBER: NAV-SA4A-835-U-RBC

**CANDELA DISTRIBUTION (continued):**

|        | 220° | 222.5° | 225° | 227.5° | 230° | 232.5° | 235° | 237.5° | 240° | 242.5° | 245° |
|--------|------|--------|------|--------|------|--------|------|--------|------|--------|------|
| 0°     | 30.3 | 30.3   | 30.3 | 30.3   | 30.3 | 30.3   | 30.3 | 30.3   | 30.3 | 30.3   | 30.3 |
| 2.5°   | 43.7 | 43.7   | 40.3 | 40.3   | 40.3 | 40.3   | 40.3 | 40.3   | 40.3 | 43.7   | 43.7 |
| 5°     | 40.3 | 40.3   | 40.3 | 40.3   | 40.3 | 40.3   | 40.3 | 40.3   | 40.3 | 43.7   | 43.7 |
| 7.5°   | 40.3 | 40.3   | 40.3 | 40.3   | 40.3 | 40.3   | 40.3 | 40.3   | 40.3 | 43.7   | 43.7 |
| 10°    | 40.3 | 40.3   | 40.3 | 40.3   | 37.0 | 37.0   | 40.3 | 40.3   | 40.3 | 43.7   | 43.7 |
| 12.5°  | 40.3 | 40.3   | 40.3 | 40.3   | 37.0 | 37.0   | 40.3 | 40.3   | 43.7 | 43.7   | 47.1 |
| 15°    | 40.3 | 40.3   | 37.0 | 37.0   | 37.0 | 37.0   | 40.3 | 40.3   | 43.7 | 43.7   | 47.1 |
| 17.5°  | 40.3 | 40.3   | 37.0 | 37.0   | 37.0 | 37.0   | 40.3 | 40.3   | 43.7 | 43.7   | 47.1 |
| 20°    | 40.3 | 40.3   | 37.0 | 37.0   | 37.0 | 37.0   | 37.0 | 37.0   | 40.3 | 43.7   | 43.7 |
| 22.5°  | 37.0 | 37.0   | 37.0 | 37.0   | 33.6 | 33.6   | 37.0 | 37.0   | 40.3 | 43.7   | 43.7 |
| 25°    | 30.3 | 33.6   | 33.6 | 33.6   | 33.6 | 33.6   | 37.0 | 37.0   | 40.3 | 43.7   | 43.7 |
| 27.5°  | 26.9 | 30.3   | 30.3 | 30.3   | 30.3 | 33.6   | 33.6 | 37.0   | 40.3 | 43.7   | 43.7 |
| 30°    | 23.5 | 26.9   | 26.9 | 26.9   | 30.3 | 33.6   | 33.6 | 37.0   | 40.3 | 43.7   | 43.7 |
| 32.5°  | 23.5 | 26.9   | 26.9 | 26.9   | 30.3 | 30.3   | 33.6 | 33.6   | 37.0 | 40.3   | 43.7 |
| 35°    | 23.5 | 23.5   | 26.9 | 26.9   | 26.9 | 30.3   | 30.3 | 33.6   | 37.0 | 40.3   | 43.7 |
| 37.5°  | 23.5 | 23.5   | 26.9 | 26.9   | 26.9 | 30.3   | 30.3 | 33.6   | 37.0 | 40.3   | 43.7 |
| 40°    | 20.2 | 23.5   | 23.5 | 26.9   | 26.9 | 30.3   | 30.3 | 33.6   | 37.0 | 43.7   | 47.1 |
| 42.5°  | 20.2 | 20.2   | 23.5 | 23.5   | 26.9 | 30.3   | 30.3 | 33.6   | 37.0 | 43.7   | 47.1 |
| 45°    | 20.2 | 23.5   | 23.5 | 26.9   | 30.3 | 33.6   | 33.6 | 37.0   | 40.3 | 43.7   | 47.1 |
| 47.5°  | 20.2 | 23.5   | 23.5 | 26.9   | 33.6 | 33.6   | 37.0 | 37.0   | 40.3 | 43.7   | 47.1 |
| 50°    | 20.2 | 23.5   | 23.5 | 26.9   | 37.0 | 37.0   | 37.0 | 37.0   | 40.3 | 43.7   | 47.1 |
| 52.5°  | 16.8 | 20.2   | 20.2 | 23.5   | 30.3 | 33.6   | 37.0 | 40.3   | 43.7 | 47.1   | 50.4 |
| 55°    | 13.4 | 16.8   | 16.8 | 20.2   | 26.9 | 30.3   | 37.0 | 43.7   | 47.1 | 50.4   | 53.8 |
| 57.5°  | 13.4 | 13.4   | 16.8 | 16.8   | 23.5 | 30.3   | 40.3 | 47.1   | 50.4 | 53.8   | 57.2 |
| 60°    | 10.1 | 10.1   | 13.4 | 13.4   | 20.2 | 26.9   | 37.0 | 47.1   | 50.4 | 57.2   | 60.5 |
| 62.5°  | 6.7  | 10.1   | 10.1 | 13.4   | 16.8 | 26.9   | 37.0 | 47.1   | 53.8 | 60.5   | 63.9 |
| 65°    | 6.7  | 6.7    | 10.1 | 10.1   | 16.8 | 23.5   | 33.6 | 40.3   | 50.4 | 60.5   | 70.6 |
| 67.5°  | 10.1 | 10.1   | 13.4 | 13.4   | 16.8 | 23.5   | 33.6 | 40.3   | 50.4 | 63.9   | 74.0 |
| 70°    | 10.1 | 10.1   | 13.4 | 13.4   | 20.2 | 26.9   | 33.6 | 40.3   | 50.4 | 63.9   | 74.0 |
| 72.5°  | 10.1 | 10.1   | 13.4 | 13.4   | 20.2 | 23.5   | 30.3 | 37.0   | 47.1 | 57.2   | 67.2 |
| 75°    | 6.7  | 10.1   | 10.1 | 10.1   | 16.8 | 20.2   | 26.9 | 33.6   | 43.7 | 53.8   | 63.9 |
| 77.5°  | 6.7  | 6.7    | 6.7  | 6.7    | 13.4 | 16.8   | 23.5 | 26.9   | 37.0 | 47.1   | 57.2 |
| 80°    | 6.7  | 6.7    | 6.7  | 6.7    | 10.1 | 13.4   | 20.2 | 23.5   | 33.6 | 43.7   | 53.8 |
| 82.5°  | 6.7  | 6.7    | 3.4  | 3.4    | 6.7  | 10.1   | 13.4 | 16.8   | 26.9 | 33.6   | 43.7 |
| 85°    | 6.7  | 6.7    | 3.4  | 3.4    | 3.4  | 6.7    | 6.7  | 10.1   | 13.4 | 16.8   | 20.2 |
| 87.5°  | 6.7  | 6.7    | 3.4  | 3.4    | 3.4  | 3.4    | 3.4  | 3.4    | 3.4  | 3.4    | 3.4  |
| 90°    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 92.5°  | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 95°    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 97.5°  | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 100°   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 102.5° | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 105°   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 107.5° | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 110°   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |



REPORT NUMBER: P1067857

CATALOG NUMBER: NAV-SA4A-835-U-RBC

**CANDELA DISTRIBUTION (continued):**

|        | 220° | 222.5° | 225° | 227.5° | 230° | 232.5° | 235° | 237.5° | 240° | 242.5° | 245° |
|--------|------|--------|------|--------|------|--------|------|--------|------|--------|------|
| 112.5° | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 115°   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 117.5° | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 120°   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 122.5° | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 125°   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 127.5° | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 130°   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 132.5° | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 135°   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 137.5° | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 140°   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 142.5° | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 145°   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 147.5° | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 150°   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 152.5° | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 155°   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 157.5° | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 160°   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 162.5° | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 165°   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 167.5° | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 170°   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 172.5° | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 175°   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 177.5° | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 180°   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |



REPORT NUMBER: P1067857

CATALOG NUMBER: NAV-SA4A-835-U-RBC

**CANDELA DISTRIBUTION (continued):**

|        | 247.5° | 250° | 252.5° | 255°  | 257.5° | 260°  | 262.5° | 265°  | 267.5° | 270°  | 272.5° |
|--------|--------|------|--------|-------|--------|-------|--------|-------|--------|-------|--------|
| 0°     | 30.3   | 30.3 | 30.3   | 30.3  | 30.3   | 30.3  | 30.3   | 30.3  | 30.3   | 30.3  | 30.3   |
| 2.5°   | 43.7   | 43.7 | 47.1   | 47.1  | 47.1   | 47.1  | 47.1   | 47.1  | 47.1   | 47.1  | 47.1   |
| 5°     | 43.7   | 47.1 | 47.1   | 50.4  | 50.4   | 50.4  | 53.8   | 53.8  | 53.8   | 53.8  | 53.8   |
| 7.5°   | 43.7   | 47.1 | 47.1   | 50.4  | 50.4   | 50.4  | 53.8   | 53.8  | 53.8   | 57.2  | 57.2   |
| 10°    | 43.7   | 47.1 | 47.1   | 50.4  | 50.4   | 53.8  | 57.2   | 57.2  | 60.5   | 60.5  | 60.5   |
| 12.5°  | 47.1   | 50.4 | 50.4   | 53.8  | 53.8   | 57.2  | 60.5   | 60.5  | 63.9   | 67.2  | 67.2   |
| 15°    | 47.1   | 50.4 | 53.8   | 53.8  | 57.2   | 60.5  | 63.9   | 63.9  | 67.2   | 70.6  | 74.0   |
| 17.5°  | 47.1   | 50.4 | 53.8   | 53.8  | 57.2   | 60.5  | 67.2   | 70.6  | 74.0   | 80.7  | 84.0   |
| 20°    | 47.1   | 50.4 | 53.8   | 53.8  | 57.2   | 63.9  | 67.2   | 74.0  | 77.3   | 84.0  | 90.8   |
| 22.5°  | 47.1   | 50.4 | 53.8   | 57.2  | 60.5   | 67.2  | 74.0   | 77.3  | 84.0   | 94.1  | 100.9  |
| 25°    | 47.1   | 50.4 | 53.8   | 57.2  | 60.5   | 67.2  | 74.0   | 80.7  | 87.4   | 100.9 | 114.3  |
| 27.5°  | 47.1   | 50.4 | 57.2   | 60.5  | 63.9   | 70.6  | 80.7   | 87.4  | 94.1   | 117.7 | 141.2  |
| 30°    | 47.1   | 50.4 | 57.2   | 60.5  | 63.9   | 74.0  | 84.0   | 90.8  | 100.9  | 141.2 | 178.2  |
| 32.5°  | 47.1   | 53.8 | 57.2   | 63.9  | 67.2   | 77.3  | 90.8   | 100.9 | 110.9  | 168.1 | 221.9  |
| 35°    | 47.1   | 53.8 | 57.2   | 63.9  | 67.2   | 80.7  | 94.1   | 107.6 | 121.0  | 205.1 | 289.1  |
| 37.5°  | 47.1   | 53.8 | 57.2   | 63.9  | 67.2   | 87.4  | 107.6  | 127.8 | 147.9  | 235.3 | 322.7  |
| 40°    | 50.4   | 57.2 | 60.5   | 67.2  | 70.6   | 90.8  | 110.9  | 131.1 | 151.3  | 238.7 | 326.1  |
| 42.5°  | 50.4   | 57.2 | 60.5   | 67.2  | 70.6   | 87.4  | 107.6  | 124.4 | 141.2  | 238.7 | 336.2  |
| 45°    | 50.4   | 57.2 | 63.9   | 67.2  | 74.0   | 90.8  | 107.6  | 121.0 | 137.8  | 262.2 | 383.3  |
| 47.5°  | 50.4   | 57.2 | 63.9   | 67.2  | 74.0   | 90.8  | 107.6  | 124.4 | 141.2  | 346.3 | 548.0  |
| 50°    | 50.4   | 57.2 | 63.9   | 67.2  | 74.0   | 94.1  | 114.3  | 134.5 | 154.6  | 517.7 | 880.8  |
| 52.5°  | 53.8   | 57.2 | 63.9   | 67.2  | 70.6   | 94.1  | 117.7  | 141.2 | 164.7  | 672.4 | 1176.7 |
| 55°    | 57.2   | 60.5 | 63.9   | 67.2  | 70.6   | 100.9 | 131.1  | 161.4 | 191.6  | 722.8 | 1250.6 |
| 57.5°  | 60.5   | 63.9 | 67.2   | 67.2  | 70.6   | 107.6 | 147.9  | 184.9 | 221.9  | 719.4 | 1213.6 |
| 60°    | 63.9   | 67.2 | 70.6   | 74.0  | 77.3   | 114.3 | 154.6  | 191.6 | 228.6  | 652.2 | 1075.8 |
| 62.5°  | 70.6   | 77.3 | 84.0   | 87.4  | 94.1   | 131.1 | 164.7  | 201.7 | 235.3  | 534.5 | 830.4  |
| 65°    | 80.7   | 87.4 | 90.8   | 97.5  | 100.9  | 134.5 | 171.5  | 205.1 | 238.7  | 443.8 | 645.5  |
| 67.5°  | 84.0   | 90.8 | 94.1   | 100.9 | 104.2  | 137.8 | 171.5  | 205.1 | 238.7  | 376.5 | 511.0  |
| 70°    | 84.0   | 90.8 | 97.5   | 100.9 | 107.6  | 141.2 | 171.5  | 205.1 | 235.3  | 326.1 | 416.9  |
| 72.5°  | 77.3   | 87.4 | 94.1   | 104.2 | 110.9  | 141.2 | 168.1  | 198.4 | 225.2  | 289.1 | 353.0  |
| 75°    | 74.0   | 87.4 | 97.5   | 110.9 | 121.0  | 141.2 | 164.7  | 184.9 | 205.1  | 252.1 | 299.2  |
| 77.5°  | 67.2   | 84.0 | 100.9  | 117.7 | 134.5  | 147.9 | 158.0  | 171.5 | 181.5  | 211.8 | 242.1  |
| 80°    | 63.9   | 80.7 | 97.5   | 114.3 | 131.1  | 137.8 | 141.2  | 147.9 | 151.3  | 154.6 | 158.0  |
| 82.5°  | 50.4   | 63.9 | 77.3   | 87.4  | 100.9  | 94.1  | 90.8   | 84.0  | 77.3   | 74.0  | 70.6   |
| 85°    | 23.5   | 26.9 | 26.9   | 30.3  | 30.3   | 30.3  | 26.9   | 26.9  | 23.5   | 20.2  | 16.8   |
| 87.5°  | 3.4    | 3.4  | 3.4    | 3.4   | 3.4    | 3.4   | 3.4    | 3.4   | 3.4    | 3.4   | 3.4    |
| 90°    | 0.0    | 0.0  | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    |
| 92.5°  | 0.0    | 0.0  | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    |
| 95°    | 0.0    | 0.0  | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    |
| 97.5°  | 0.0    | 0.0  | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    |
| 100°   | 0.0    | 0.0  | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    |
| 102.5° | 0.0    | 0.0  | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    |
| 105°   | 0.0    | 0.0  | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    |
| 107.5° | 0.0    | 0.0  | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    |
| 110°   | 0.0    | 0.0  | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    | 0.0   | 0.0    |



REPORT NUMBER: P1067857

CATALOG NUMBER: NAV-SA4A-835-U-RBC

**CANDELA DISTRIBUTION (continued):**

|        | 247.5° | 250° | 252.5° | 255° | 257.5° | 260° | 262.5° | 265° | 267.5° | 270° | 272.5° |
|--------|--------|------|--------|------|--------|------|--------|------|--------|------|--------|
| 112.5° | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 115°   | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 117.5° | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 120°   | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 122.5° | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 125°   | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 127.5° | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 130°   | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 132.5° | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 135°   | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 137.5° | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 140°   | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 142.5° | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 145°   | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 147.5° | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 150°   | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 152.5° | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 155°   | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 157.5° | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 160°   | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 162.5° | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 165°   | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 167.5° | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 170°   | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 172.5° | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 175°   | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 177.5° | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 180°   | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |

REPORT NUMBER: P1067857

CATALOG NUMBER: NAV-SA4A-835-U-RBC

**CANDELA DISTRIBUTION (continued):**

|        | 275°   | 277.5° | 280°   | 282.5° | 285°    | 287.5°  | 290°    | 292.5°  | 295°    | 297.5°  | 300°    |
|--------|--------|--------|--------|--------|---------|---------|---------|---------|---------|---------|---------|
| 0°     | 30.3   | 30.3   | 30.3   | 30.3   | 30.3    | 30.3    | 30.3    | 30.3    | 30.3    | 30.3    | 30.3    |
| 2.5°   | 47.1   | 47.1   | 47.1   | 47.1   | 43.7    | 43.7    | 43.7    | 43.7    | 40.3    | 40.3    | 40.3    |
| 5°     | 53.8   | 53.8   | 53.8   | 53.8   | 50.4    | 50.4    | 50.4    | 50.4    | 47.1    | 47.1    | 47.1    |
| 7.5°   | 57.2   | 57.2   | 57.2   | 57.2   | 57.2    | 57.2    | 57.2    | 57.2    | 57.2    | 57.2    | 57.2    |
| 10°    | 63.9   | 63.9   | 63.9   | 67.2   | 67.2    | 67.2    | 67.2    | 67.2    | 67.2    | 67.2    | 67.2    |
| 12.5°  | 70.6   | 70.6   | 74.0   | 74.0   | 77.3    | 77.3    | 80.7    | 80.7    | 84.0    | 84.0    | 84.0    |
| 15°    | 77.3   | 80.7   | 84.0   | 87.4   | 87.4    | 90.8    | 94.1    | 97.5    | 100.9   | 104.2   | 107.6   |
| 17.5°  | 90.8   | 94.1   | 100.9  | 107.6  | 114.3   | 121.0   | 131.1   | 144.6   | 154.6   | 164.7   | 178.2   |
| 20°    | 100.9  | 110.9  | 131.1  | 154.6  | 174.8   | 195.0   | 245.4   | 295.8   | 346.3   | 396.7   | 447.1   |
| 22.5°  | 121.0  | 141.2  | 208.4  | 279.0  | 346.3   | 413.5   | 571.5   | 729.5   | 884.2   | 1042.2  | 1183.4  |
| 25°    | 161.4  | 205.1  | 359.7  | 514.4  | 665.7   | 820.3   | 1102.7  | 1388.5  | 1670.9  | 1953.3  | 2215.5  |
| 27.5°  | 221.9  | 302.6  | 554.7  | 810.2  | 1062.4  | 1314.5  | 1724.7  | 2138.2  | 2548.3  | 2961.8  | 3328.3  |
| 30°    | 309.3  | 440.4  | 816.9  | 1196.8 | 1573.4  | 1949.9  | 2467.6  | 2988.7  | 3506.5  | 4024.2  | 4360.4  |
| 32.5°  | 420.2  | 615.2  | 1092.6 | 1570.0 | 2047.4  | 2524.8  | 3096.3  | 3667.8  | 4236.0  | 4807.5  | 5163.9  |
| 35°    | 537.9  | 786.7  | 1361.6 | 1939.8 | 2514.7  | 3092.9  | 3694.7  | 4296.5  | 4898.3  | 5500.1  | 5937.1  |
| 37.5°  | 605.1  | 887.5  | 1570.0 | 2252.5 | 2931.6  | 3614.0  | 4273.0  | 4935.3  | 5594.2  | 6253.1  | 6784.3  |
| 40°    | 669.0  | 1008.6 | 1795.3 | 2581.9 | 3368.6  | 4155.3  | 4925.2  | 5695.0  | 6464.9  | 7234.8  | 7917.3  |
| 42.5°  | 763.1  | 1190.1 | 2107.9 | 3025.7 | 3940.1  | 4857.9  | 5869.9  | 6885.2  | 7897.1  | 8909.0  | 9957.9  |
| 45°    | 958.1  | 1533.0 | 2723.1 | 3913.2 | 5100.0  | 6290.1  | 7725.6  | 9164.5  | 10600.0 | 12038.9 | 13383.7 |
| 47.5°  | 1428.8 | 2306.3 | 3930.1 | 5553.8 | 7177.6  | 8801.4  | 10455.5 | 12109.5 | 13763.6 | 15417.6 | 17017.9 |
| 50°    | 2212.1 | 3540.1 | 5570.7 | 7601.2 | 9628.5  | 11659.0 | 13309.7 | 14960.4 | 16607.7 | 18258.4 | 19848.6 |
| 52.5°  | 2948.4 | 4720.1 | 6902.0 | 9087.2 | 11269.1 | 13454.3 | 14916.7 | 16379.1 | 17841.6 | 19304.0 | 20843.7 |
| 55°    | 3200.5 | 5147.1 | 7355.8 | 9567.9 | 11776.7 | 13988.8 | 15397.5 | 16809.5 | 18218.1 | 19626.7 | 21223.6 |
| 57.5°  | 2978.6 | 4743.6 | 6969.2 | 9194.8 | 11417.0 | 13642.6 | 15215.9 | 16792.7 | 18366.0 | 19942.7 | 21653.9 |
| 60°    | 2494.5 | 3909.9 | 6246.4 | 8586.3 | 10922.8 | 13259.3 | 15034.4 | 16809.5 | 18584.5 | 20359.6 | 22067.5 |
| 62.5°  | 1976.8 | 3119.8 | 5594.2 | 8068.5 | 10542.9 | 13017.2 | 14822.6 | 16631.3 | 18436.6 | 20242.0 | 21553.1 |
| 65°    | 1516.2 | 2386.9 | 4821.0 | 7258.3 | 9692.3  | 12129.7 | 13608.9 | 15091.5 | 16570.8 | 18053.4 | 18961.1 |
| 67.5°  | 1126.2 | 1741.5 | 3869.5 | 6001.0 | 8129.1  | 10257.1 | 11346.4 | 12439.0 | 13528.3 | 14620.9 | 15326.9 |
| 70°    | 830.4  | 1240.5 | 2689.5 | 4138.5 | 5584.1  | 7033.1  | 8031.6  | 9030.0  | 10025.2 | 11023.6 | 11756.5 |
| 72.5°  | 574.9  | 793.4  | 1660.8 | 2531.5 | 3398.9  | 4266.2  | 5278.2  | 6290.1  | 7298.7  | 8310.6  | 9144.3  |
| 75°    | 393.3  | 487.5  | 894.3  | 1301.1 | 1707.8  | 2114.6  | 2881.1  | 3647.7  | 4414.2  | 5180.7  | 5621.1  |
| 77.5°  | 292.5  | 342.9  | 463.9  | 588.3  | 709.4   | 830.4   | 978.3   | 1126.2  | 1274.2  | 1422.1  | 1613.7  |
| 80°    | 161.4  | 161.4  | 178.2  | 191.6  | 208.4   | 221.9   | 262.2   | 305.9   | 346.3   | 390.0   | 443.8   |
| 82.5°  | 74.0   | 77.3   | 84.0   | 90.8   | 94.1    | 100.9   | 107.6   | 114.3   | 121.0   | 127.8   | 127.8   |
| 85°    | 20.2   | 23.5   | 23.5   | 20.2   | 20.2    | 16.8    | 16.8    | 20.2    | 20.2    | 20.2    | 20.2    |
| 87.5°  | 3.4    | 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     | 0.0     |



REPORT NUMBER: P1067857

CATALOG NUMBER: NAV-SA4A-835-U-RBC

**CANDELA DISTRIBUTION (continued):**

|        | 275° | 277.5° | 280° | 282.5° | 285° | 287.5° | 290° | 292.5° | 295° | 297.5° | 300° |
|--------|------|--------|------|--------|------|--------|------|--------|------|--------|------|
| 112.5° | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 115°   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 117.5° | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 120°   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 122.5° | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 125°   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 127.5° | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 130°   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 132.5° | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 135°   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 137.5° | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 140°   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 142.5° | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 145°   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 147.5° | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 150°   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 152.5° | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 155°   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 157.5° | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 160°   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 162.5° | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 165°   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 167.5° | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 170°   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 172.5° | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 175°   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 177.5° | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 180°   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |



REPORT NUMBER: P1067857

CATALOG NUMBER: NAV-SA4A-835-U-RBC

**CANDELA DISTRIBUTION (continued):**

|        | 302.5°  | 305°    | 307.5°  | 310°    | 312.5°  | 315°    | 317.5°  | 320°    | 322.5°  | 325°    | 327.5°  |
|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0°     | 30.3    | 30.3    | 30.3    | 30.3    | 30.3    | 30.3    | 30.3    | 30.3    | 30.3    | 30.3    | 30.3    |
| 2.5°   | 40.3    | 37.0    | 37.0    | 37.0    | 33.6    | 33.6    | 33.6    | 33.6    | 33.6    | 33.6    | 33.6    |
| 5°     | 47.1    | 47.1    | 47.1    | 47.1    | 43.7    | 43.7    | 43.7    | 43.7    | 43.7    | 40.3    | 40.3    |
| 7.5°   | 57.2    | 53.8    | 53.8    | 53.8    | 53.8    | 53.8    | 53.8    | 53.8    | 53.8    | 50.4    | 50.4    |
| 10°    | 67.2    | 67.2    | 67.2    | 67.2    | 67.2    | 67.2    | 67.2    | 67.2    | 67.2    | 63.9    | 63.9    |
| 12.5°  | 84.0    | 84.0    | 84.0    | 84.0    | 87.4    | 87.4    | 84.0    | 84.0    | 84.0    | 80.7    | 80.7    |
| 15°    | 110.9   | 114.3   | 117.7   | 117.7   | 121.0   | 121.0   | 121.0   | 117.7   | 117.7   | 114.3   | 110.9   |
| 17.5°  | 188.3   | 198.4   | 211.8   | 225.2   | 238.7   | 248.8   | 248.8   | 242.1   | 235.3   | 228.6   | 221.9   |
| 20°    | 500.9   | 551.4   | 605.1   | 658.9   | 716.1   | 756.4   | 729.5   | 709.4   | 689.2   | 665.7   | 645.5   |
| 22.5°  | 1327.9  | 1469.1  | 1613.7  | 1714.6  | 1815.4  | 1886.0  | 1828.9  | 1717.9  | 1607.0  | 1499.4  | 1388.5  |
| 25°    | 2477.7  | 2736.6  | 2998.8  | 3106.4  | 3217.3  | 3298.0  | 3261.0  | 3092.9  | 2924.8  | 2760.1  | 2592.0  |
| 27.5°  | 3694.7  | 4057.8  | 4424.3  | 4518.4  | 4612.5  | 4683.1  | 4669.7  | 4451.1  | 4232.6  | 4014.1  | 3795.6  |
| 30°    | 4696.6  | 5032.8  | 5368.9  | 5463.1  | 5557.2  | 5621.1  | 5550.5  | 5332.0  | 5113.4  | 4894.9  | 4676.4  |
| 32.5°  | 5523.6  | 5879.9  | 6239.7  | 6364.1  | 6488.5  | 6572.5  | 6488.5  | 6226.2  | 5964.0  | 5705.1  | 5442.9  |
| 35°    | 6374.1  | 6807.8  | 7244.9  | 7402.9  | 7560.9  | 7661.8  | 7520.6  | 7197.8  | 6875.1  | 6555.7  | 6232.9  |
| 37.5°  | 7315.5  | 7843.3  | 8374.5  | 8589.6  | 8808.2  | 8959.4  | 8851.9  | 8448.4  | 8041.6  | 7638.2  | 7231.4  |
| 40°    | 8603.1  | 9285.5  | 9971.4  | 10358.0 | 10741.2 | 11013.6 | 10821.9 | 10354.6 | 9884.0  | 9416.7  | 8946.0  |
| 42.5°  | 11010.2 | 12059.1 | 13108.0 | 13662.7 | 14214.1 | 14614.1 | 14399.0 | 13824.1 | 13249.2 | 12674.3 | 12099.4 |
| 45°    | 14728.4 | 16069.8 | 17414.6 | 18224.8 | 19038.4 | 19636.8 | 19388.0 | 18665.2 | 17939.1 | 17216.2 | 16493.4 |
| 47.5°  | 18618.2 | 20218.4 | 21818.7 | 22464.2 | 23113.0 | 23617.3 | 23556.8 | 22655.8 | 21754.8 | 20857.2 | 19956.2 |
| 50°    | 21442.1 | 23032.3 | 24622.5 | 25177.2 | 25735.3 | 26148.8 | 25994.2 | 24847.7 | 23698.0 | 22551.6 | 21401.8 |
| 52.5°  | 22383.5 | 23919.9 | 25459.6 | 26121.9 | 26784.2 | 27278.4 | 27090.1 | 25799.2 | 24508.2 | 23220.6 | 21929.6 |
| 55°    | 22820.5 | 24417.4 | 26014.3 | 26821.2 | 27631.4 | 28223.1 | 27950.8 | 26535.4 | 25116.7 | 23701.3 | 22282.6 |
| 57.5°  | 23365.2 | 25076.4 | 26787.6 | 27671.7 | 28555.9 | 29194.7 | 28831.6 | 27365.8 | 25900.0 | 24437.6 | 22971.8 |
| 60°    | 23775.3 | 25479.8 | 27187.6 | 27897.0 | 28609.7 | 29107.3 | 28757.6 | 27332.2 | 25903.4 | 24477.9 | 23052.5 |
| 62.5°  | 22867.6 | 24178.7 | 25489.9 | 26017.7 | 26545.5 | 26928.8 | 26730.4 | 25378.9 | 24027.4 | 22676.0 | 21324.5 |
| 65°    | 19872.1 | 20779.9 | 21690.9 | 22047.3 | 22400.3 | 22672.6 | 22612.1 | 21472.4 | 20332.7 | 19196.4 | 18056.7 |
| 67.5°  | 16036.2 | 16742.2 | 17451.6 | 17955.9 | 18463.5 | 18856.9 | 18813.1 | 17774.3 | 16735.5 | 15696.7 | 14657.8 |
| 70°    | 12492.8 | 13225.7 | 13958.6 | 14594.0 | 15232.7 | 15726.9 | 15663.1 | 14698.2 | 13730.0 | 12765.1 | 11796.9 |
| 72.5°  | 9981.5  | 10815.2 | 11649.0 | 12012.0 | 12375.1 | 12630.6 | 12442.4 | 11712.8 | 10979.9 | 10250.4 | 9517.5  |
| 75°    | 6061.5  | 6498.5  | 6938.9  | 6935.6  | 6935.6  | 6895.2  | 6707.0  | 6290.1  | 5873.2  | 5456.4  | 5039.5  |
| 77.5°  | 1805.3  | 1997.0  | 2188.6  | 2373.5  | 2561.8  | 2703.0  | 2666.0  | 2447.5  | 2225.6  | 2007.0  | 1785.2  |
| 80°    | 497.6   | 548.0   | 601.8   | 625.3   | 648.8   | 679.1   | 756.4   | 702.6   | 648.8   | 598.4   | 544.6   |
| 82.5°  | 127.8   | 127.8   | 127.8   | 124.4   | 121.0   | 114.3   | 104.2   | 97.5    | 90.8    | 84.0    | 77.3    |
| 85°    | 20.2    | 16.8    | 16.8    | 16.8    | 13.4    | 13.4    | 13.4    | 13.4    | 10.1    | 10.1    | 6.7     |
| 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     | 0.0     |



REPORT NUMBER: P1067857

CATALOG NUMBER: NAV-SA4A-835-U-RBC

**CANDELA DISTRIBUTION (continued):**

|        | 302.5° | 305° | 307.5° | 310° | 312.5° | 315° | 317.5° | 320° | 322.5° | 325° | 327.5° |
|--------|--------|------|--------|------|--------|------|--------|------|--------|------|--------|
| 112.5° | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 115°   | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 117.5° | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 120°   | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 122.5° | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 125°   | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 127.5° | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 130°   | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 132.5° | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 135°   | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 137.5° | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 140°   | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 142.5° | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 145°   | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 147.5° | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 150°   | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 152.5° | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 155°   | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 157.5° | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 160°   | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 162.5° | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 165°   | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 167.5° | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 170°   | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 172.5° | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 175°   | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 177.5° | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |
| 180°   | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    |

REPORT NUMBER: P1067857

CATALOG NUMBER: NAV-SA4A-835-U-RBC

**CANDELA DISTRIBUTION (continued):**

|        | 330°    | 332.5°  | 335°    | 337.5°  | 340°    | 342.5°  | 345°    | 347.5°  | 350°   | 352.5° | 355°   |
|--------|---------|---------|---------|---------|---------|---------|---------|---------|--------|--------|--------|
| 0°     | 30.3    | 30.3    | 30.3    | 30.3    | 30.3    | 30.3    | 30.3    | 30.3    | 30.3   | 30.3   | 30.3   |
| 2.5°   | 33.6    | 33.6    | 30.3    | 30.3    | 30.3    | 30.3    | 30.3    | 30.3    | 30.3   | 30.3   | 26.9   |
| 5°     | 40.3    | 40.3    | 37.0    | 37.0    | 37.0    | 37.0    | 37.0    | 37.0    | 37.0   | 37.0   | 33.6   |
| 7.5°   | 50.4    | 50.4    | 47.1    | 47.1    | 47.1    | 47.1    | 43.7    | 43.7    | 43.7   | 43.7   | 40.3   |
| 10°    | 63.9    | 60.5    | 60.5    | 57.2    | 57.2    | 57.2    | 53.8    | 53.8    | 53.8   | 50.4   | 50.4   |
| 12.5°  | 80.7    | 77.3    | 77.3    | 74.0    | 70.6    | 70.6    | 67.2    | 63.9    | 60.5   | 60.5   | 57.2   |
| 15°    | 107.6   | 104.2   | 100.9   | 97.5    | 94.1    | 87.4    | 84.0    | 77.3    | 74.0   | 70.6   | 67.2   |
| 17.5°  | 205.1   | 188.3   | 171.5   | 154.6   | 141.2   | 127.8   | 114.3   | 100.9   | 94.1   | 87.4   | 80.7   |
| 20°    | 571.5   | 494.2   | 420.2   | 346.3   | 299.2   | 252.1   | 205.1   | 158.0   | 137.8  | 121.0  | 100.9  |
| 22.5°  | 1237.2  | 1082.5  | 931.2   | 776.6   | 652.2   | 531.2   | 406.8   | 282.4   | 235.3  | 191.6  | 144.6  |
| 25°    | 2299.5  | 2003.7  | 1711.2  | 1415.4  | 1180.0  | 944.7   | 709.4   | 474.0   | 386.6  | 299.2  | 211.8  |
| 27.5°  | 3412.3  | 3029.1  | 2645.8  | 2262.6  | 1889.4  | 1512.9  | 1136.3  | 763.1   | 611.9  | 463.9  | 312.7  |
| 30°    | 4269.6  | 3862.8  | 3459.4  | 3052.6  | 2581.9  | 2111.3  | 1637.2  | 1166.6  | 927.9  | 689.2  | 447.1  |
| 32.5°  | 5005.9  | 4565.4  | 4128.4  | 3688.0  | 3143.4  | 2598.7  | 2054.1  | 1509.5  | 1210.3 | 911.1  | 608.5  |
| 35°    | 5735.4  | 5234.5  | 4736.9  | 4236.0  | 3651.0  | 3066.0  | 2481.1  | 1896.1  | 1516.2 | 1136.3 | 753.1  |
| 37.5°  | 6622.9  | 6011.1  | 5402.6  | 4794.1  | 4192.3  | 3593.9  | 2992.1  | 2390.3  | 1906.2 | 1425.4 | 941.3  |
| 40°    | 8169.4  | 7389.4  | 6612.8  | 5832.9  | 5130.2  | 4431.0  | 3728.3  | 3025.7  | 2417.2 | 1808.7 | 1196.8 |
| 42.5°  | 11121.1 | 10142.8 | 9167.9  | 8189.6  | 7218.0  | 6246.4  | 5271.4  | 4299.9  | 3432.5 | 2568.5 | 1701.1 |
| 45°    | 15239.5 | 13985.5 | 12734.8 | 11480.9 | 10284.0 | 9090.6  | 7893.7  | 6696.9  | 5379.0 | 4061.2 | 2739.9 |
| 47.5°  | 18584.5 | 17209.5 | 15837.9 | 14462.9 | 13134.9 | 11810.3 | 10482.4 | 9154.4  | 7466.8 | 5782.5 | 4094.8 |
| 50°    | 20094.0 | 18782.9 | 17475.1 | 16164.0 | 14832.7 | 13498.0 | 12163.3 | 10832.0 | 8895.6 | 6962.5 | 5026.0 |
| 52.5°  | 20601.7 | 19270.4 | 17942.4 | 16611.1 | 15289.9 | 13968.7 | 12647.4 | 11326.2 | 9312.4 | 7302.0 | 5288.3 |
| 55°    | 20880.7 | 19475.4 | 18073.5 | 16668.3 | 15246.2 | 13820.7 | 12395.3 | 10973.2 | 8969.5 | 6969.2 | 4965.5 |
| 57.5°  | 21445.5 | 19915.8 | 18389.6 | 16859.9 | 15239.5 | 13619.0 | 11995.2 | 10374.8 | 8398.0 | 6421.2 | 4444.4 |
| 60°    | 21549.7 | 20043.6 | 18540.8 | 17038.1 | 15246.2 | 13454.3 | 11659.0 | 9867.2  | 7903.8 | 5943.8 | 3980.5 |
| 62.5°  | 20067.1 | 18809.8 | 17555.8 | 16298.5 | 14503.2 | 12708.0 | 10909.3 | 9114.1  | 7234.8 | 5355.5 | 3472.8 |
| 65°    | 16970.8 | 15884.9 | 14802.4 | 13716.5 | 12250.7 | 10788.3 | 9322.5  | 7856.7  | 6179.2 | 4504.9 | 2827.4 |
| 67.5°  | 13595.5 | 12533.1 | 11474.1 | 10411.8 | 9309.1  | 8209.7  | 7107.0  | 6004.3  | 4710.0 | 3415.7 | 2121.4 |
| 70°    | 10778.2 | 9756.2  | 8737.6  | 7715.5  | 6740.6  | 5762.3  | 4784.0  | 3809.0  | 3005.5 | 2205.4 | 1401.9 |
| 72.5°  | 8542.6  | 7564.3  | 6589.3  | 5611.0  | 4726.8  | 3842.6  | 2958.5  | 2074.3  | 1674.2 | 1277.5 | 877.5  |
| 75°    | 4531.8  | 4024.2  | 3519.9  | 3012.3  | 2514.7  | 2013.8  | 1512.9  | 1015.3  | 857.3  | 699.3  | 537.9  |
| 77.5°  | 1563.3  | 1341.4  | 1122.9  | 901.0   | 749.7   | 598.4   | 447.1   | 295.8   | 279.0  | 265.6  | 248.8  |
| 80°    | 474.0   | 403.4   | 332.8   | 262.2   | 232.0   | 201.7   | 171.5   | 141.2   | 131.1  | 121.0  | 107.6  |
| 82.5°  | 74.0    | 67.2    | 63.9    | 57.2    | 53.8    | 53.8    | 50.4    | 47.1    | 40.3   | 37.0   | 30.3   |
| 85°    | 6.7     | 3.4     | 3.4     | 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    | 0.0    |



REPORT NUMBER: P1067857

CATALOG NUMBER: NAV-SA4A-835-U-RBC

**CANDELA DISTRIBUTION (continued):**

|        | 330° | 332.5° | 335° | 337.5° | 340° | 342.5° | 345° | 347.5° | 350° | 352.5° | 355° |
|--------|------|--------|------|--------|------|--------|------|--------|------|--------|------|
| 112.5° | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 115°   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 117.5° | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 120°   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 122.5° | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 125°   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 127.5° | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 130°   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 132.5° | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 135°   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 137.5° | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 140°   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 142.5° | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 145°   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 147.5° | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 150°   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 152.5° | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 155°   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 157.5° | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 160°   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 162.5° | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 165°   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 167.5° | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 170°   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 172.5° | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 175°   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 177.5° | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |
| 180°   | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  |





REPORT NUMBER: P1067857

CATALOG NUMBER: NAV-SA4A-835-U-RBC

**CANDELA DISTRIBUTION (continued):**

|        | 357.5° | 360°   |
|--------|--------|--------|
| 0°     | 30.3   | 30.3   |
| 2.5°   | 26.9   | 26.9   |
| 5°     | 33.6   | 33.6   |
| 7.5°   | 40.3   | 40.3   |
| 10°    | 47.1   | 47.1   |
| 12.5°  | 53.8   | 53.8   |
| 15°    | 63.9   | 60.5   |
| 17.5°  | 74.0   | 70.6   |
| 20°    | 80.7   | 74.0   |
| 22.5°  | 97.5   | 84.0   |
| 25°    | 124.4  | 104.2  |
| 27.5°  | 161.4  | 127.8  |
| 30°    | 208.4  | 161.4  |
| 32.5°  | 309.3  | 225.2  |
| 35°    | 373.2  | 272.3  |
| 37.5°  | 457.2  | 316.0  |
| 40°    | 588.3  | 383.3  |
| 42.5°  | 833.7  | 521.1  |
| 45°    | 1422.1 | 864.0  |
| 47.5°  | 2410.5 | 1472.5 |
| 50°    | 3089.6 | 1889.4 |
| 52.5°  | 3277.8 | 2003.7 |
| 55°    | 2965.2 | 1839.0 |
| 57.5°  | 2467.6 | 1563.3 |
| 60°    | 2020.5 | 1287.6 |
| 62.5°  | 1593.5 | 1018.7 |
| 65°    | 1149.8 | 769.9  |
| 67.5°  | 827.0  | 591.7  |
| 70°    | 601.8  | 463.9  |
| 72.5°  | 477.4  | 386.6  |
| 75°    | 379.9  | 322.7  |
| 77.5°  | 235.3  | 215.2  |
| 80°    | 97.5   | 90.8   |
| 82.5°  | 23.5   | 20.2   |
| 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: P1067857

CATALOG NUMBER: NAV-SA4A-835-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: SP1-2407-184-10

Test Date: 10/11/2024

Luminaire Tested: GSS-SB1A-835-U-5WQ

Data in this report applies to families of products including GSS-SB1A-835-U-5WQ

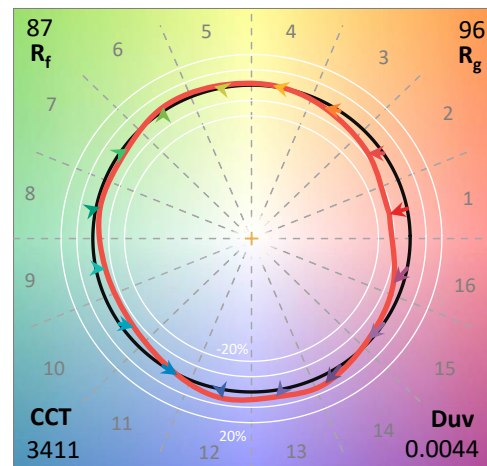
### Test Information

Test Method: LM-79-2019  
 Report Number: SP1-2407-184-10  
 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-835-U-5WQ**  
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 80 CRI  
 3500K CCT 26 LEDS

### Spectral Parameters

CCT (K): 3411  
 CIE  $u'$ : 0.2360  
 CIE  $v'$ : 0.5189  
 Duv: 0.0044  
 CIE x: 0.4154  
 CIE y: 0.4059  
 CIE z: 0.1787  
 Peak Wavelength (nm): 601  
 Dominant Wavelength (nm): 579  
 Purity: 46.51914  
 R<sub>f</sub>: 86.6  
 R<sub>g</sub>: 95.9

CRI (Ra): 83.5  
 R1: 81.1  
 R2: 88.9  
 R3: 97.2  
 R4: 83.8  
 R5: 81.7  
 R6: 86.9  
 R7: 86.1  
 R8: 62.2  
 R9: 6.3  
 R10: 75.4  
 R11: 84.1  
 R12: 69.7  
 R13: 82.8  
 R14: 98.5  
 R15: 72.6



### Test Conditions

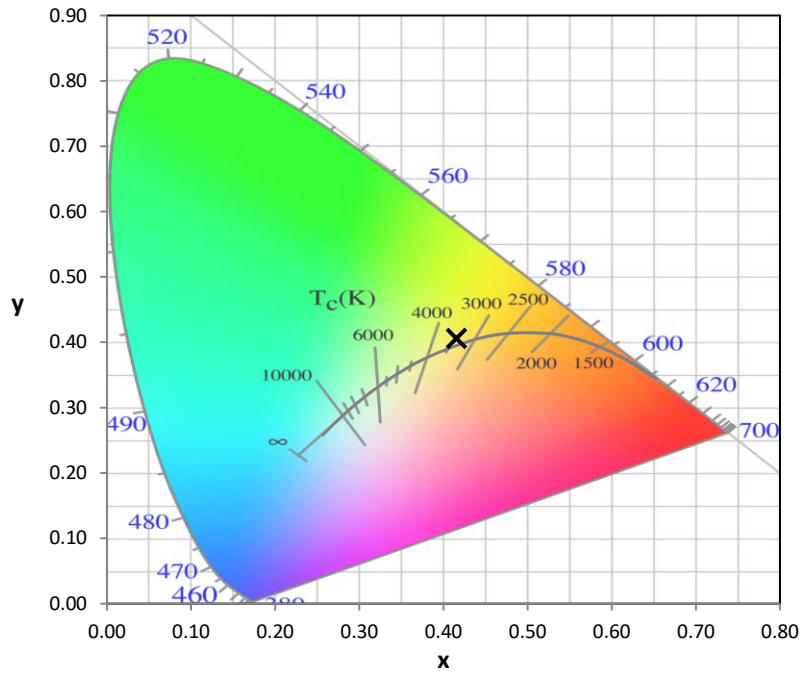
Stabilization Time: 35M  
 Operation Time: 1H 35M  
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-10

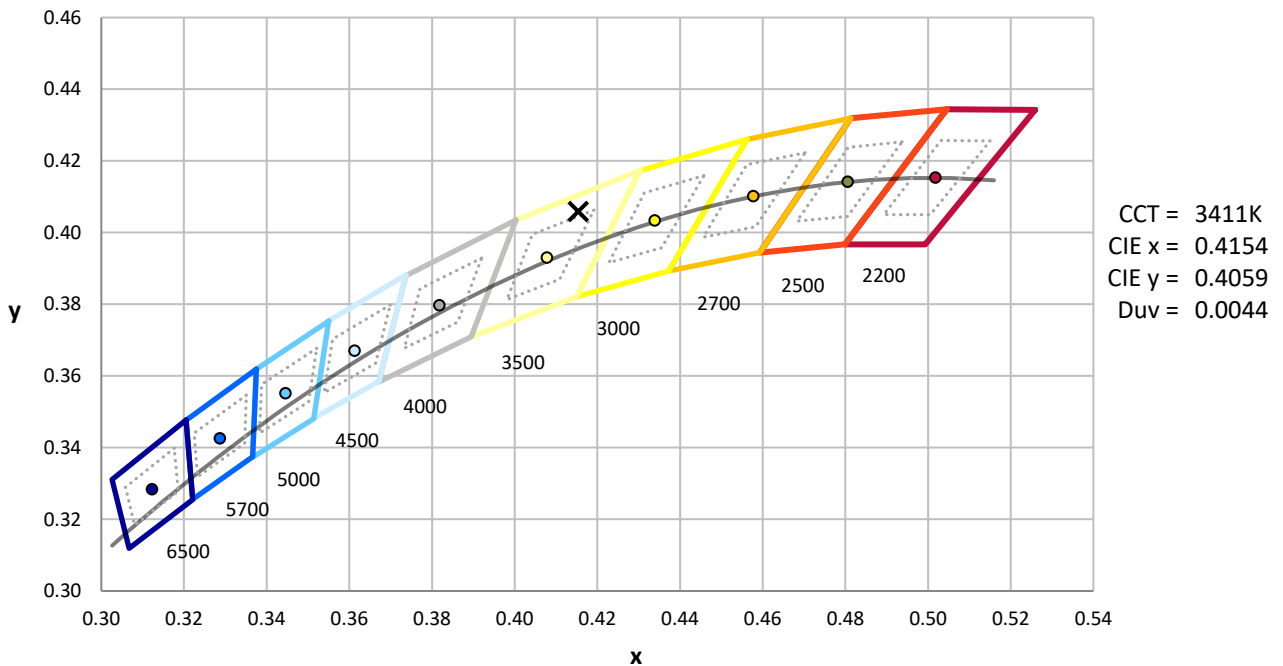
| Measurement and Test Equipment |                       |                  |                      |
|--------------------------------|-----------------------|------------------|----------------------|
| Instrument                     | Identification Number | Calibration Date | Calibration Due Date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

REPORT NUMBER: SP1-2407-184-10

**CIE 1931 Chromaticity Diagram**



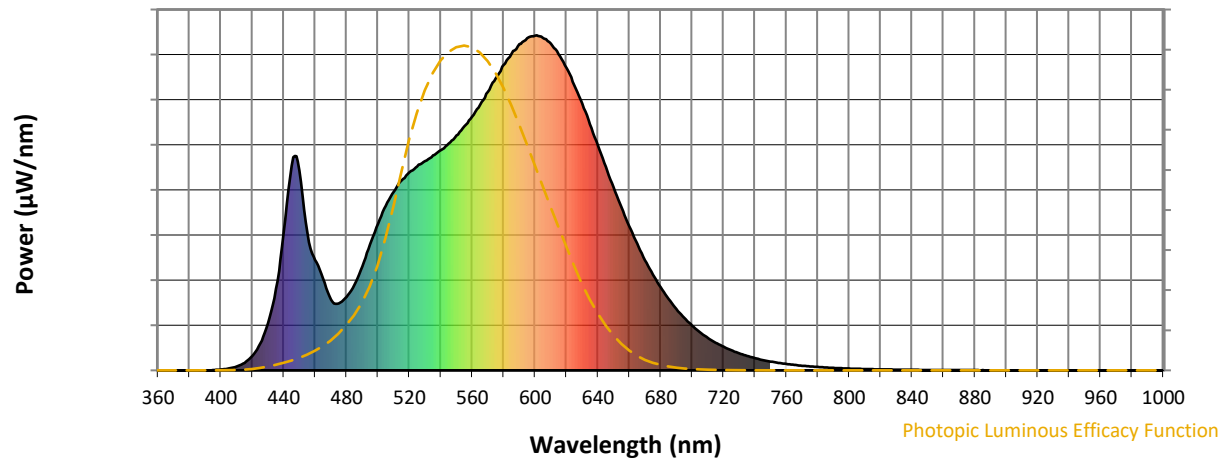
**CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles**



Point lies inside the ANSI 3500K 7-step quadrangle

REPORT NUMBER: SP1-2407-184-10

### Photopic Flux vs. Wavelength

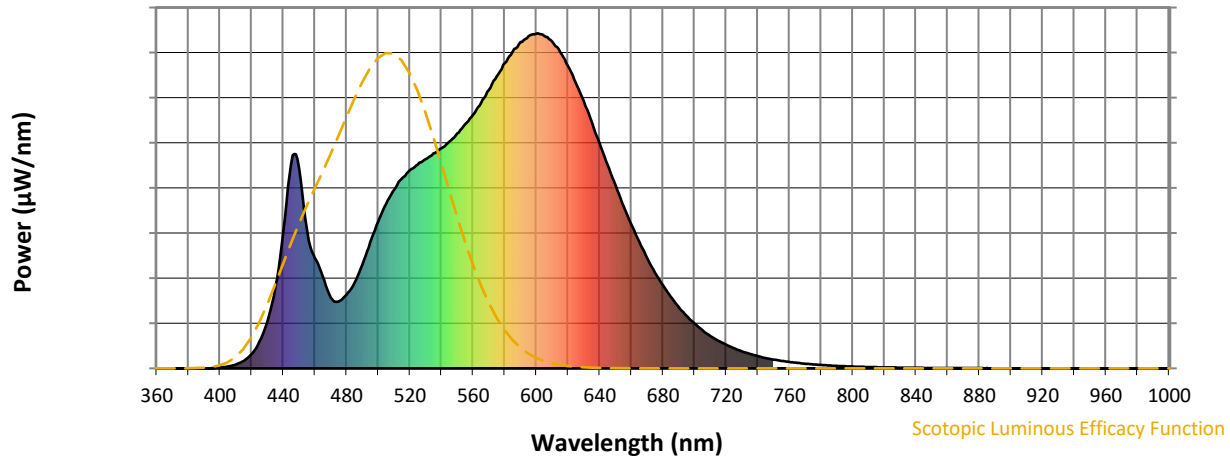


### Photopic Lumens: NR

| $\lambda$<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               | 311                                  | NR                             | 620               | 903                                  | NR                             | 750               | 26                                   | NR                             | 880               | 1                                    | NR                             |
| 365               | 0                                    | NR                             | 495               | 376                                  | NR                             | 625               | 851                                  | NR                             | 755               | 22                                   | NR                             | 885               | 1                                    | NR                             |
| 370               | 0                                    | NR                             | 500               | 438                                  | NR                             | 630               | 797                                  | NR                             | 760               | 19                                   | NR                             | 890               | 0                                    | NR                             |
| 375               | 0                                    | NR                             | 505               | 491                                  | NR                             | 635               | 735                                  | NR                             | 765               | 16                                   | NR                             | 895               | 0                                    | NR                             |
| 380               | 0                                    | NR                             | 510               | 533                                  | NR                             | 640               | 672                                  | NR                             | 770               | 14                                   | NR                             | 900               | 0                                    | NR                             |
| 385               | 0                                    | NR                             | 515               | 566                                  | NR                             | 645               | 607                                  | NR                             | 775               | 12                                   | NR                             | 905               | 0                                    | NR                             |
| 390               | 0                                    | NR                             | 520               | 592                                  | NR                             | 650               | 546                                  | NR                             | 780               | 10                                   | NR                             | 910               | 0                                    | NR                             |
| 395               | 1                                    | NR                             | 525               | 608                                  | NR                             | 655               | 487                                  | NR                             | 785               | 9                                    | NR                             | 915               | 0                                    | NR                             |
| 400               | 3                                    | NR                             | 530               | 625                                  | NR                             | 660               | 429                                  | NR                             | 790               | 7                                    | NR                             | 920               | 0                                    | NR                             |
| 405               | 6                                    | NR                             | 535               | 642                                  | NR                             | 665               | 378                                  | NR                             | 795               | 6                                    | NR                             | 925               | 0                                    | NR                             |
| 410               | 12                                   | NR                             | 540               | 657                                  | NR                             | 670               | 329                                  | NR                             | 800               | 5                                    | NR                             | 930               | 0                                    | NR                             |
| 415               | 22                                   | NR                             | 545               | 677                                  | NR                             | 675               | 286                                  | NR                             | 805               | 5                                    | NR                             | 935               | 0                                    | NR                             |
| 420               | 43                                   | NR                             | 550               | 701                                  | NR                             | 680               | 248                                  | NR                             | 810               | 4                                    | NR                             | 940               | 0                                    | NR                             |
| 425               | 80                                   | NR                             | 555               | 728                                  | NR                             | 685               | 213                                  | NR                             | 815               | 3                                    | NR                             | 945               | 0                                    | NR                             |
| 430               | 140                                  | NR                             | 560               | 757                                  | NR                             | 690               | 184                                  | NR                             | 820               | 3                                    | NR                             | 950               | 0                                    | NR                             |
| 435               | 243                                  | NR                             | 565               | 793                                  | NR                             | 695               | 156                                  | NR                             | 825               | 3                                    | NR                             | 955               | 0                                    | NR                             |
| 440               | 412                                  | NR                             | 570               | 831                                  | NR                             | 700               | 134                                  | NR                             | 830               | 2                                    | NR                             | 960               | 0                                    | NR                             |
| 445               | 610                                  | NR                             | 575               | 872                                  | NR                             | 705               | 114                                  | NR                             | 835               | 2                                    | NR                             | 965               | 0                                    | NR                             |
| 450               | 597                                  | NR                             | 580               | 911                                  | NR                             | 710               | 97                                   | NR                             | 840               | 2                                    | NR                             | 970               | 0                                    | NR                             |
| 455               | 412                                  | NR                             | 585               | 944                                  | NR                             | 715               | 83                                   | NR                             | 845               | 1                                    | NR                             | 975               | 0                                    | NR                             |
| 460               | 330                                  | NR                             | 590               | 974                                  | NR                             | 720               | 70                                   | NR                             | 850               | 1                                    | NR                             | 980               | 0                                    | NR                             |
| 465               | 274                                  | NR                             | 595               | 992                                  | NR                             | 725               | 60                                   | NR                             | 855               | 1                                    | NR                             | 985               | 0                                    | NR                             |
| 470               | 211                                  | NR                             | 600               | 999                                  | NR                             | 730               | 51                                   | NR                             | 860               | 1                                    | NR                             | 990               | 0                                    | NR                             |
| 475               | 200                                  | NR                             | 605               | 992                                  | NR                             | 735               | 43                                   | NR                             | 865               | 1                                    | NR                             | 995               | 0                                    | NR                             |
| 480               | 220                                  | NR                             | 610               | 975                                  | NR                             | 740               | 36                                   | NR                             | 870               | 1                                    | NR                             | 1000              | 0                                    | NR                             |
| 485               | 255                                  | NR                             | 615               | 944                                  | NR                             | 745               | 31                                   | NR                             | 875               | 1                                    | NR                             |                   |                                      |                                |

REPORT NUMBER: SP1-2407-184-10

### Scotopic Flux vs. Wavelength



Scotopic Lumens: NR

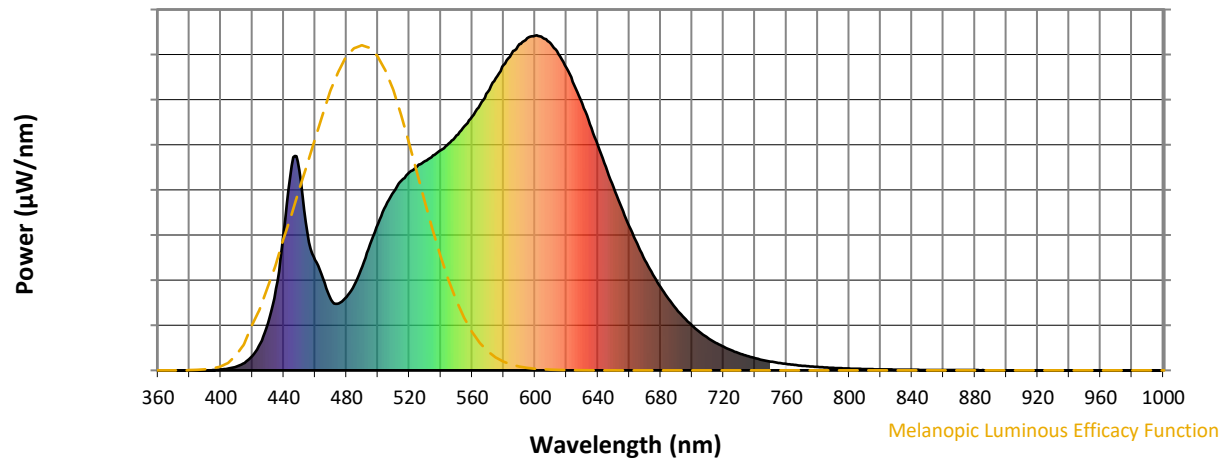
S/P: 1.48

| 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       | 311                         | NR               | 620       | 903                         | NR               | 750       | 26                          | NR               | 880       | 1                           | NR               |
| 365       | 0                           | NR               | 495       | 376                         | NR               | 625       | 851                         | NR               | 755       | 22                          | NR               | 885       | 1                           | NR               |
| 370       | 0                           | NR               | 500       | 438                         | NR               | 630       | 797                         | NR               | 760       | 19                          | NR               | 890       | 0                           | NR               |
| 375       | 0                           | NR               | 505       | 491                         | NR               | 635       | 735                         | NR               | 765       | 16                          | NR               | 895       | 0                           | NR               |
| 380       | 0                           | NR               | 510       | 533                         | NR               | 640       | 672                         | NR               | 770       | 14                          | NR               | 900       | 0                           | NR               |
| 385       | 0                           | NR               | 515       | 566                         | NR               | 645       | 607                         | NR               | 775       | 12                          | NR               | 905       | 0                           | NR               |
| 390       | 0                           | NR               | 520       | 592                         | NR               | 650       | 546                         | NR               | 780       | 10                          | NR               | 910       | 0                           | NR               |
| 395       | 1                           | NR               | 525       | 608                         | NR               | 655       | 487                         | NR               | 785       | 9                           | NR               | 915       | 0                           | NR               |
| 400       | 3                           | NR               | 530       | 625                         | NR               | 660       | 429                         | NR               | 790       | 7                           | NR               | 920       | 0                           | NR               |
| 405       | 6                           | NR               | 535       | 642                         | NR               | 665       | 378                         | NR               | 795       | 6                           | NR               | 925       | 0                           | NR               |
| 410       | 12                          | NR               | 540       | 657                         | NR               | 670       | 329                         | NR               | 800       | 5                           | NR               | 930       | 0                           | NR               |
| 415       | 22                          | NR               | 545       | 677                         | NR               | 675       | 286                         | NR               | 805       | 5                           | NR               | 935       | 0                           | NR               |
| 420       | 43                          | NR               | 550       | 701                         | NR               | 680       | 248                         | NR               | 810       | 4                           | NR               | 940       | 0                           | NR               |
| 425       | 80                          | NR               | 555       | 728                         | NR               | 685       | 213                         | NR               | 815       | 3                           | NR               | 945       | 0                           | NR               |
| 430       | 140                         | NR               | 560       | 757                         | NR               | 690       | 184                         | NR               | 820       | 3                           | NR               | 950       | 0                           | NR               |
| 435       | 243                         | NR               | 565       | 793                         | NR               | 695       | 156                         | NR               | 825       | 3                           | NR               | 955       | 0                           | NR               |
| 440       | 412                         | NR               | 570       | 831                         | NR               | 700       | 134                         | NR               | 830       | 2                           | NR               | 960       | 0                           | NR               |
| 445       | 610                         | NR               | 575       | 872                         | NR               | 705       | 114                         | NR               | 835       | 2                           | NR               | 965       | 0                           | NR               |
| 450       | 597                         | NR               | 580       | 911                         | NR               | 710       | 97                          | NR               | 840       | 2                           | NR               | 970       | 0                           | NR               |
| 455       | 412                         | NR               | 585       | 944                         | NR               | 715       | 83                          | NR               | 845       | 1                           | NR               | 975       | 0                           | NR               |
| 460       | 330                         | NR               | 590       | 974                         | NR               | 720       | 70                          | NR               | 850       | 1                           | NR               | 980       | 0                           | NR               |
| 465       | 274                         | NR               | 595       | 992                         | NR               | 725       | 60                          | NR               | 855       | 1                           | NR               | 985       | 0                           | NR               |
| 470       | 211                         | NR               | 600       | 999                         | NR               | 730       | 51                          | NR               | 860       | 1                           | NR               | 990       | 0                           | NR               |
| 475       | 200                         | NR               | 605       | 992                         | NR               | 735       | 43                          | NR               | 865       | 1                           | NR               | 995       | 0                           | NR               |
| 480       | 220                         | NR               | 610       | 975                         | NR               | 740       | 36                          | NR               | 870       | 1                           | NR               | 1000      | 0                           | NR               |
| 485       | 255                         | NR               | 615       | 944                         | NR               | 745       | 31                          | NR               | 875       | 1                           | NR               |           |                             |                  |



REPORT NUMBER: SP1-2407-184-10

### Melanopic Flux vs. Wavelength


**Melanopic Lumens: NR**
**M/P: 2.88**

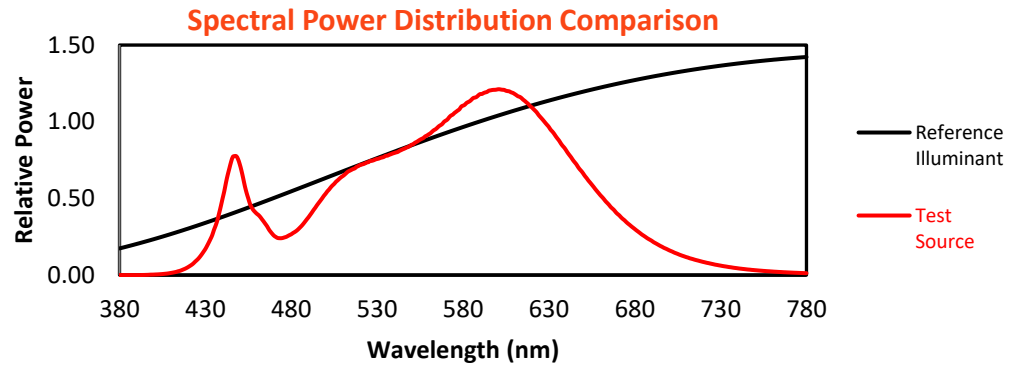
| $\lambda$<br>(nm) | Power<br>$\text{W}^\wedge/\text{nm}$ | Lumens<br>( $\phi/\text{nm}$ ) | $\lambda$<br>(nm) | Power<br>$\text{W}^\wedge/\text{nm}$ | Lumens<br>( $\phi/\text{nm}$ ) | $\lambda$<br>(nm) | Power<br>$\text{W}^\wedge/\text{nm}$ | Lumens<br>( $\phi/\text{nm}$ ) | $\lambda$<br>(nm) | Power<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               | 311                                  | NR                             | 620               | 903                                  | NR                             | 750               | 26                                   | NR                             | 880               | 1                                    | NR                             |
| 365               | 0                                    | NR                             | 495               | 376                                  | NR                             | 625               | 851                                  | NR                             | 755               | 22                                   | NR                             | 885               | 1                                    | NR                             |
| 370               | 0                                    | NR                             | 500               | 438                                  | NR                             | 630               | 797                                  | NR                             | 760               | 19                                   | NR                             | 890               | 0                                    | NR                             |
| 375               | 0                                    | NR                             | 505               | 491                                  | NR                             | 635               | 735                                  | NR                             | 765               | 16                                   | NR                             | 895               | 0                                    | NR                             |
| 380               | 0                                    | NR                             | 510               | 533                                  | NR                             | 640               | 672                                  | NR                             | 770               | 14                                   | NR                             | 900               | 0                                    | NR                             |
| 385               | 0                                    | NR                             | 515               | 566                                  | NR                             | 645               | 607                                  | NR                             | 775               | 12                                   | NR                             | 905               | 0                                    | NR                             |
| 390               | 0                                    | NR                             | 520               | 592                                  | NR                             | 650               | 546                                  | NR                             | 780               | 10                                   | NR                             | 910               | 0                                    | NR                             |
| 395               | 1                                    | NR                             | 525               | 608                                  | NR                             | 655               | 487                                  | NR                             | 785               | 9                                    | NR                             | 915               | 0                                    | NR                             |
| 400               | 3                                    | NR                             | 530               | 625                                  | NR                             | 660               | 429                                  | NR                             | 790               | 7                                    | NR                             | 920               | 0                                    | NR                             |
| 405               | 6                                    | NR                             | 535               | 642                                  | NR                             | 665               | 378                                  | NR                             | 795               | 6                                    | NR                             | 925               | 0                                    | NR                             |
| 410               | 12                                   | NR                             | 540               | 657                                  | NR                             | 670               | 329                                  | NR                             | 800               | 5                                    | NR                             | 930               | 0                                    | NR                             |
| 415               | 22                                   | NR                             | 545               | 677                                  | NR                             | 675               | 286                                  | NR                             | 805               | 5                                    | NR                             | 935               | 0                                    | NR                             |
| 420               | 43                                   | NR                             | 550               | 701                                  | NR                             | 680               | 248                                  | NR                             | 810               | 4                                    | NR                             | 940               | 0                                    | NR                             |
| 425               | 80                                   | NR                             | 555               | 728                                  | NR                             | 685               | 213                                  | NR                             | 815               | 3                                    | NR                             | 945               | 0                                    | NR                             |
| 430               | 140                                  | NR                             | 560               | 757                                  | NR                             | 690               | 184                                  | NR                             | 820               | 3                                    | NR                             | 950               | 0                                    | NR                             |
| 435               | 243                                  | NR                             | 565               | 793                                  | NR                             | 695               | 156                                  | NR                             | 825               | 3                                    | NR                             | 955               | 0                                    | NR                             |
| 440               | 412                                  | NR                             | 570               | 831                                  | NR                             | 700               | 134                                  | NR                             | 830               | 2                                    | NR                             | 960               | 0                                    | NR                             |
| 445               | 610                                  | NR                             | 575               | 872                                  | NR                             | 705               | 114                                  | NR                             | 835               | 2                                    | NR                             | 965               | 0                                    | NR                             |
| 450               | 597                                  | NR                             | 580               | 911                                  | NR                             | 710               | 97                                   | NR                             | 840               | 2                                    | NR                             | 970               | 0                                    | NR                             |
| 455               | 412                                  | NR                             | 585               | 944                                  | NR                             | 715               | 83                                   | NR                             | 845               | 1                                    | NR                             | 975               | 0                                    | NR                             |
| 460               | 330                                  | NR                             | 590               | 974                                  | NR                             | 720               | 70                                   | NR                             | 850               | 1                                    | NR                             | 980               | 0                                    | NR                             |
| 465               | 274                                  | NR                             | 595               | 992                                  | NR                             | 725               | 60                                   | NR                             | 855               | 1                                    | NR                             | 985               | 0                                    | NR                             |
| 470               | 211                                  | NR                             | 600               | 999                                  | NR                             | 730               | 51                                   | NR                             | 860               | 1                                    | NR                             | 990               | 0                                    | NR                             |
| 475               | 200                                  | NR                             | 605               | 992                                  | NR                             | 735               | 43                                   | NR                             | 865               | 1                                    | NR                             | 995               | 0                                    | NR                             |
| 480               | 220                                  | NR                             | 610               | 975                                  | NR                             | 740               | 36                                   | NR                             | 870               | 1                                    | NR                             | 1000              | 0                                    | NR                             |
| 485               | 255                                  | NR                             | 615               | 944                                  | NR                             | 745               | 31                                   | NR                             | 875               | 1                                    | NR                             |                   |                                      |                                |

REPORT NUMBER: SP1-2407-184-10

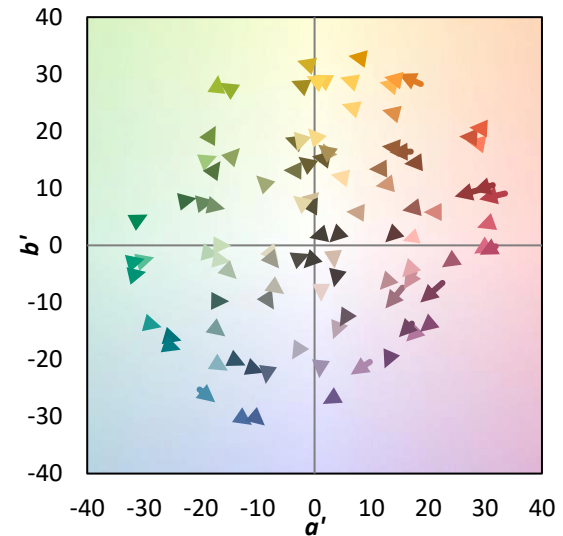
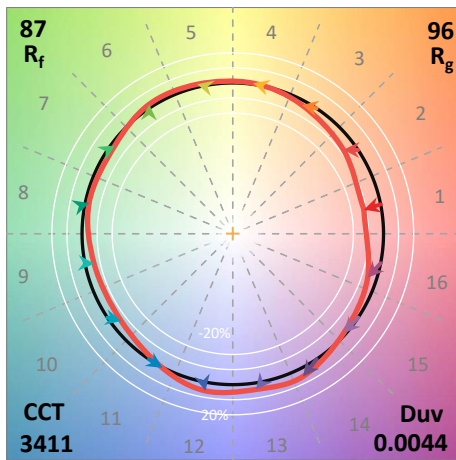
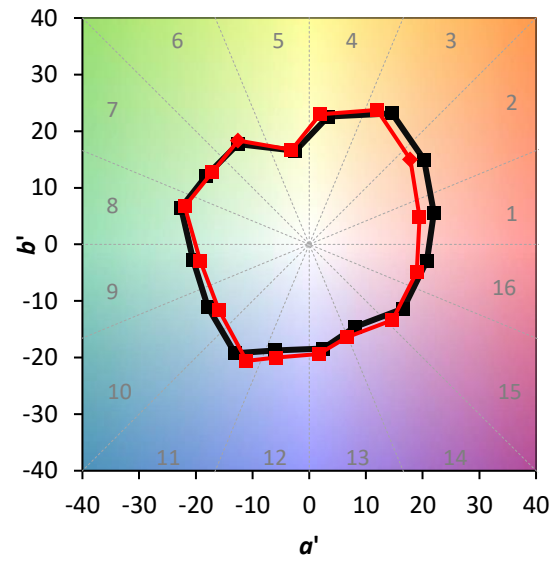
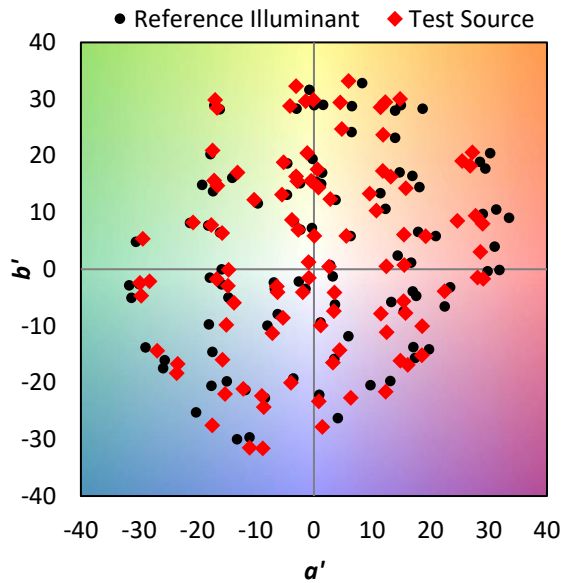
TM-30-18

### Summary

$R_f = 86.6$   
 $R_g = 95.9$   
 $CIE R_a = 83.5$   
 $R_9 = 6.3$

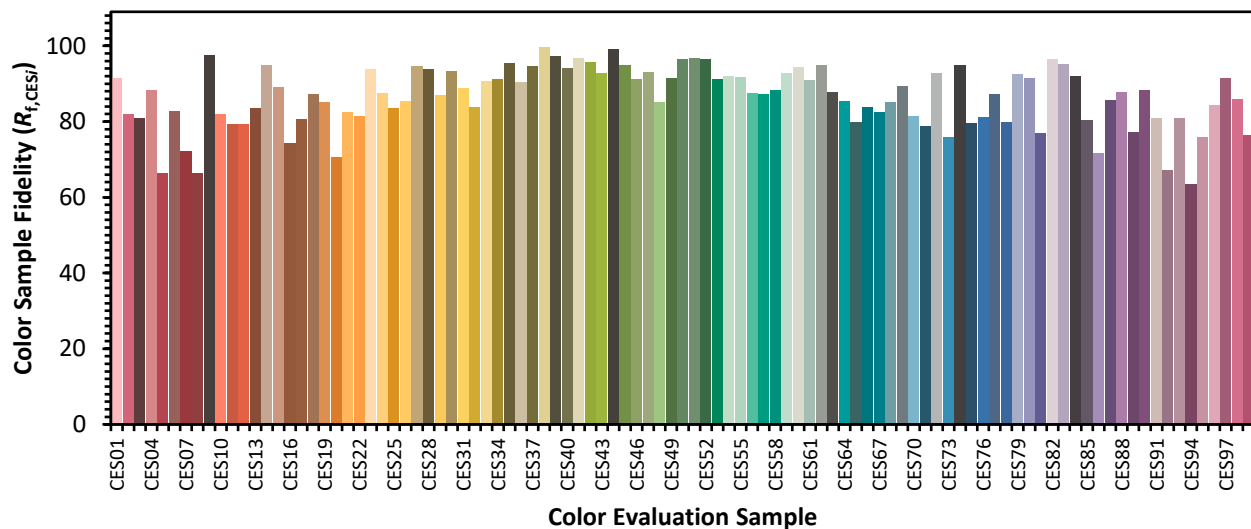


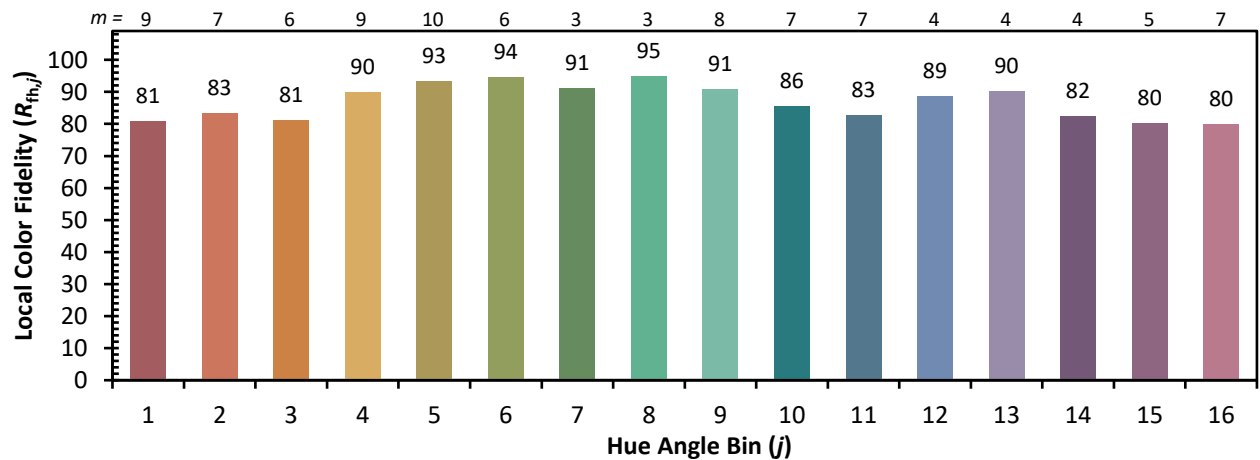
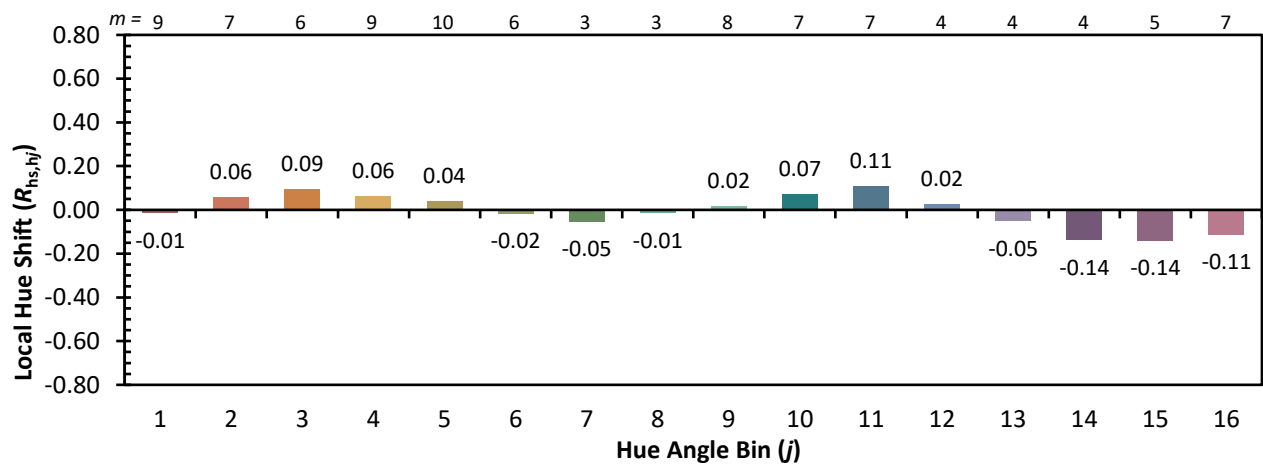
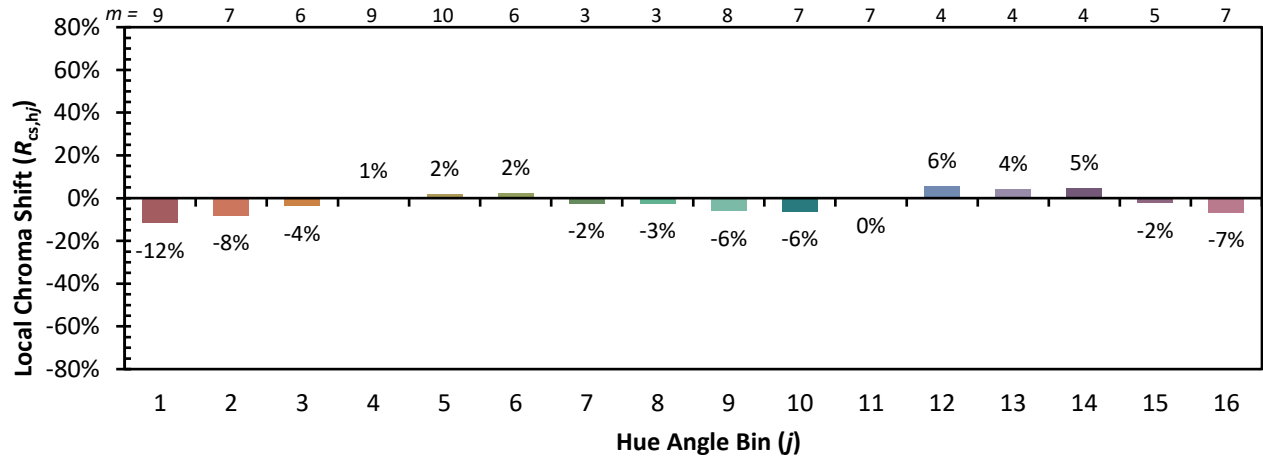
### Color Vector Graphics



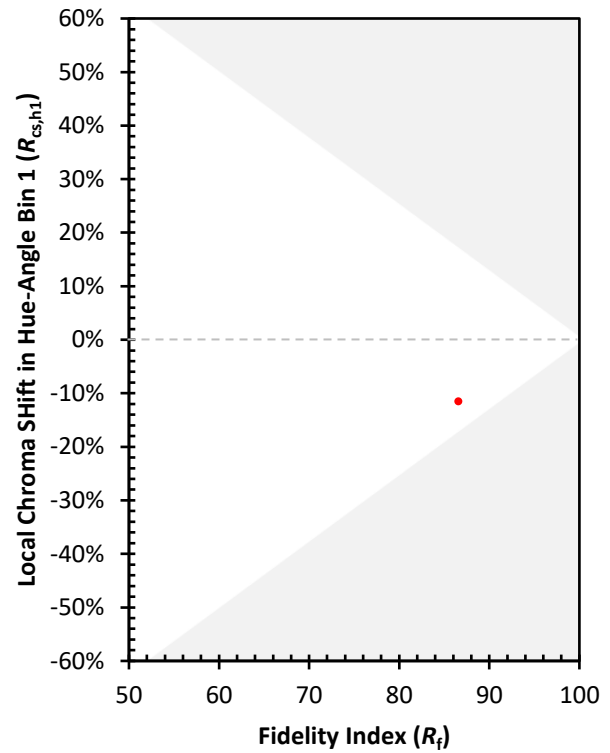
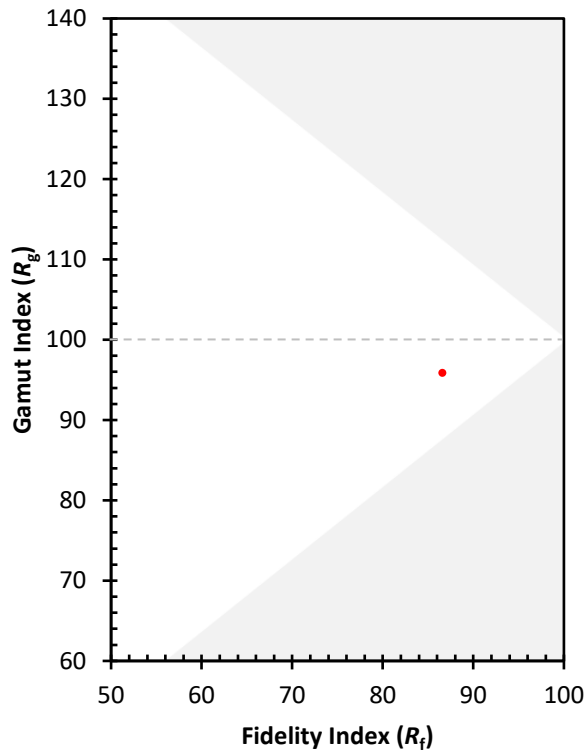
**Individual Sample Fidelity Index ( $R_{f,i}$ )**

|            |             |            |            |
|------------|-------------|------------|------------|
| CES01 = 86 | CES26 = 85  | CES51 = 97 | CES76 = 81 |
| CES02 = 62 | CES27 = 95  | CES52 = 96 | CES77 = 87 |
| CES03 = 31 | CES28 = 94  | CES53 = 91 | CES78 = 80 |
| CES04 = 70 | CES29 = 87  | CES54 = 92 | CES79 = 93 |
| CES05 = 49 | CES30 = 93  | CES55 = 92 | CES80 = 91 |
| CES06 = 51 | CES31 = 89  | CES56 = 88 | CES81 = 77 |
| CES07 = 41 | CES32 = 84  | CES57 = 87 | CES82 = 96 |
| CES08 = 40 | CES33 = 91  | CES58 = 88 | CES83 = 95 |
| CES09 = 29 | CES34 = 91  | CES59 = 93 | CES84 = 92 |
| CES10 = 75 | CES35 = 95  | CES60 = 94 | CES85 = 80 |
| CES11 = 58 | CES36 = 90  | CES61 = 91 | CES86 = 72 |
| CES12 = 64 | CES37 = 95  | CES62 = 95 | CES87 = 86 |
| CES13 = 43 | CES38 = 100 | CES63 = 88 | CES88 = 88 |
| CES14 = 74 | CES39 = 97  | CES64 = 85 | CES89 = 77 |
| CES15 = 71 | CES40 = 94  | CES65 = 80 | CES90 = 88 |
| CES16 = 47 | CES41 = 97  | CES66 = 84 | CES91 = 81 |
| CES17 = 49 | CES42 = 96  | CES67 = 82 | CES92 = 67 |
| CES18 = 56 | CES43 = 93  | CES68 = 85 | CES93 = 81 |
| CES19 = 72 | CES44 = 99  | CES69 = 89 | CES94 = 63 |
| CES20 = 66 | CES45 = 95  | CES70 = 81 | CES95 = 76 |
| CES21 = 86 | CES46 = 91  | CES71 = 79 | CES96 = 84 |
| CES22 = 78 | CES47 = 93  | CES72 = 93 | CES97 = 92 |
| CES23 = 91 | CES48 = 85  | CES73 = 76 | CES98 = 86 |
| CES24 = 90 | CES49 = 92  | CES74 = 95 | CES99 = 77 |
| CES25 = 72 | CES50 = 96  | CES75 = 80 |            |



**Color Rendition by Hue-Angle Bin**


**Measure Comparisons**



(END OF REPORT)