

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: P1067677

Luminaire Tested: **NAV-SA1A-727-U-RBC**

Issue Date: 08/07/2025

**Test Information**

Test Method: LM-79-08  
Report Number: P1067677  
Test Lab: INNOVATION CENTER(G3)  
Issue Date: 08/07/2025  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: LUMARK  
Catalog Number: NAV-SA1A-727-U-RBC  
Description: Navion AREA AND ROADWAY LUMINAIRE 615mA 1xLight Square PACKAGE  
70CRI 2700K FIXTURE w/ RIGHT CORNER BACKLIGHT CONTROL  
Light Source: (14) 2700K CCT, 70 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 2664.4 lumens  
Efficiency: N/A  
Efficacy: 91.2 lumens/watt  
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')  
IES Classification: Type III - Short  
BUG Rating: B0 - U0 - G1

Input Watts (W): 29.2  
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

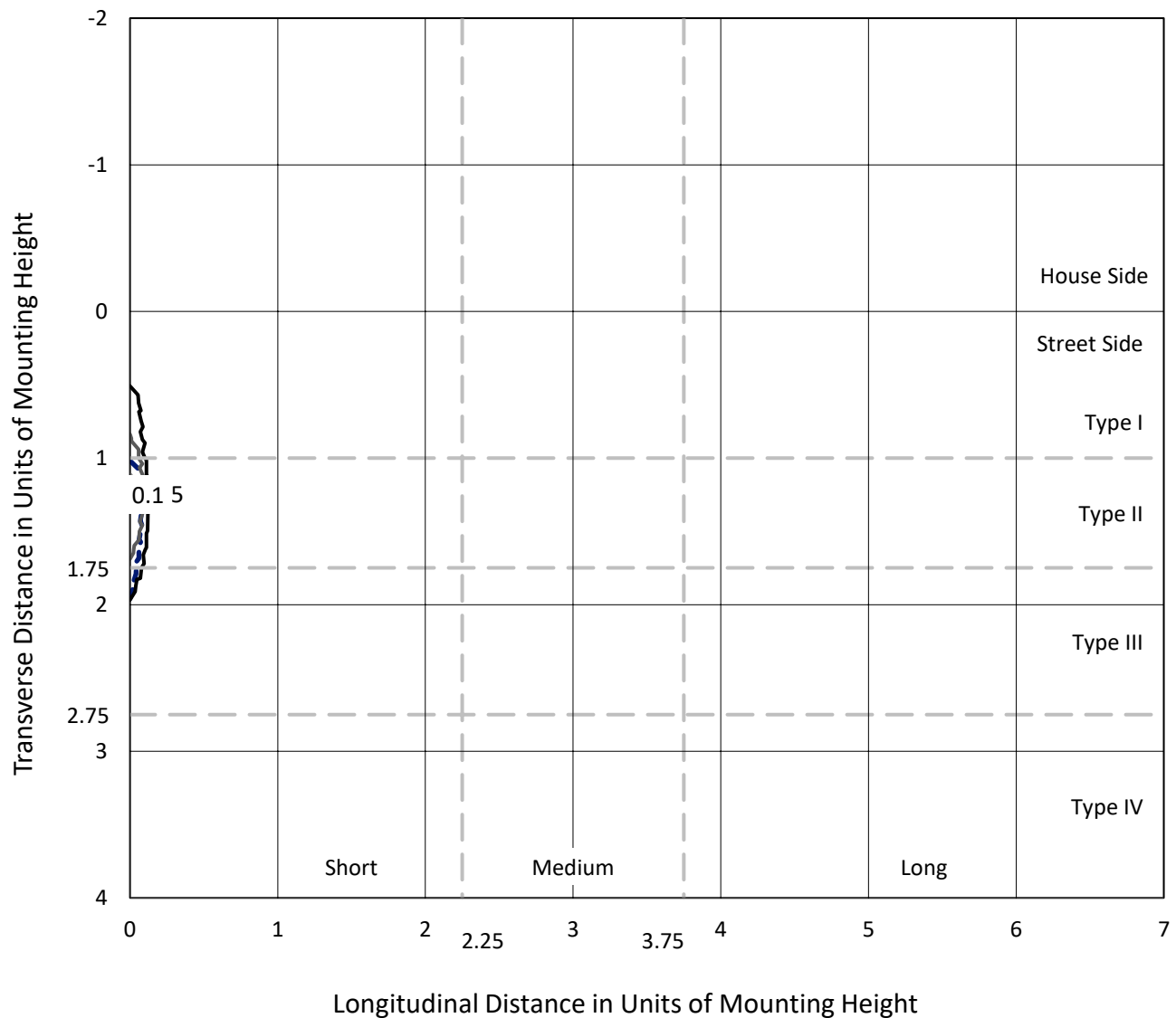


REPORT NUMBER: P1067677

CATALOG NUMBER: NAV-SA1A-727-U-RBC

## Iso-Footcandle Lines of Horizontal Illumination

× Max cd  
 - - - 1/2 Max cd

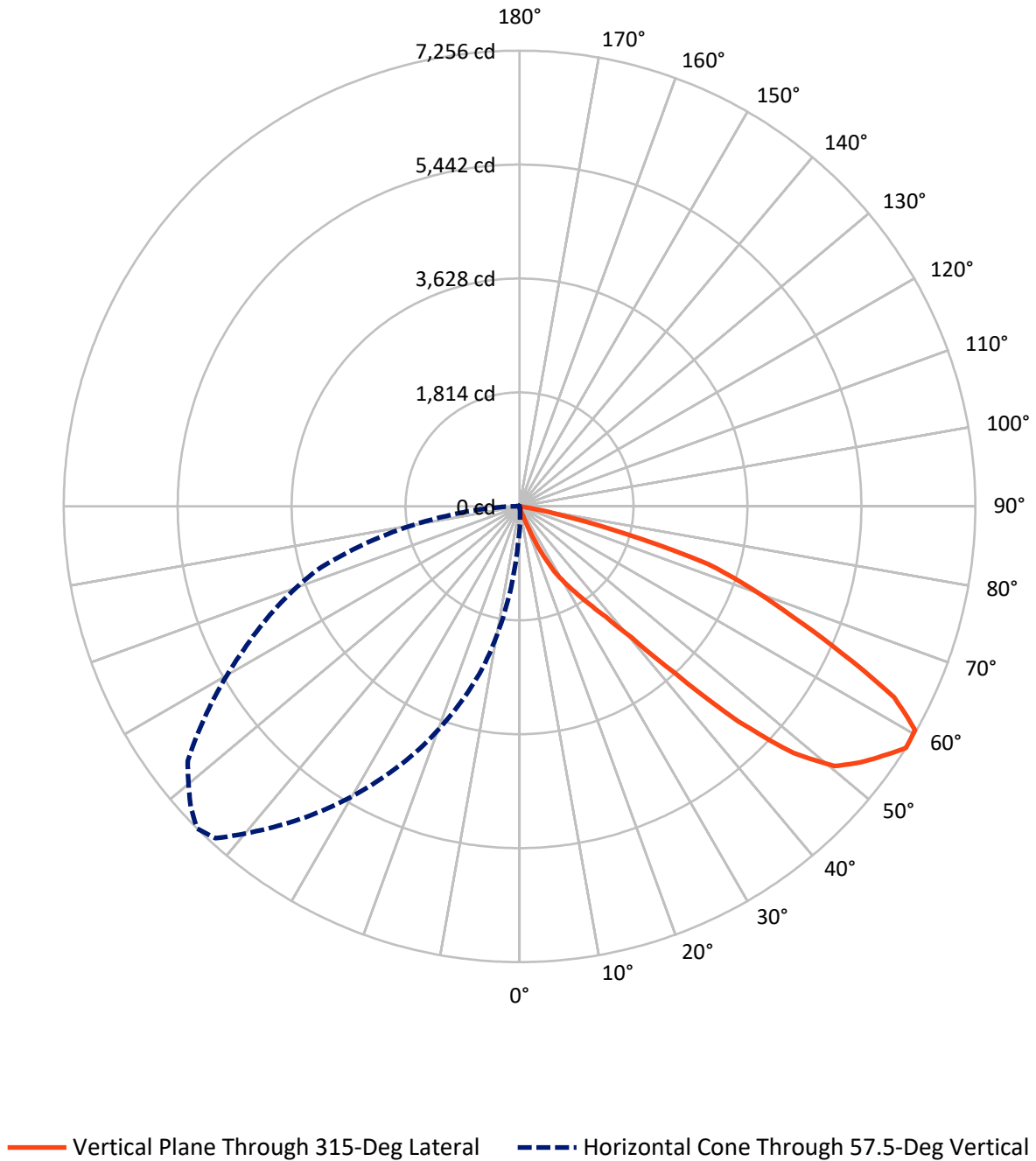


Based on 15 foot mounting height. Maximum calculated value = 0.5 fc  
 Type III - Short - N/A

REPORT NUMBER: P1067677

CATALOG NUMBER: NAV-SA1A-727-U-RBC

## Luminous Intensity Polar Plot



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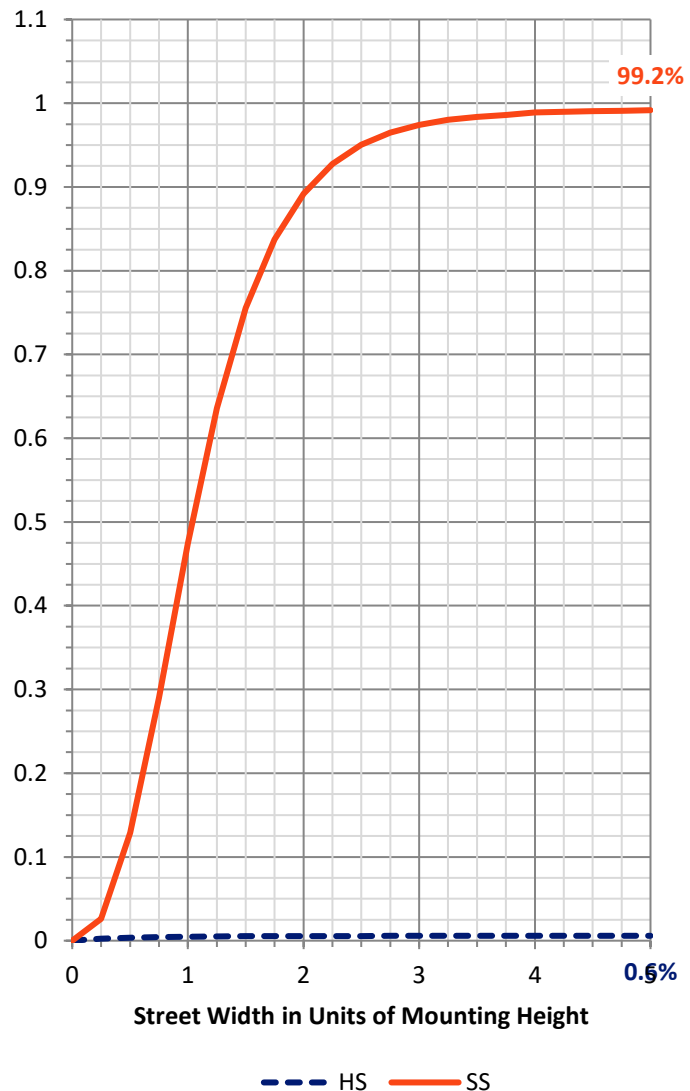
**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total  |
|--------------------|-----------|----------|--------|--------|
| <b>House Side</b>  | Lumens    | 15.8     | 0.0    | 15.8   |
|                    | % Fixture | 0.6      | 0.0    | 0.6    |
| <b>Street Side</b> | Lumens    | 2648.5   | 0.0    | 2648.5 |
|                    | % Fixture | 99.4     | 0.0    | 99.4   |
| <b>Total</b>       | Lumens    | 2664.4   | 0.0    | 2664.4 |
|                    | % Fixture | 100.0    | 0.0    | 100.0  |

**Coefficient of Utilization**

**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 0.8    | 0.0       |
| 10°-20°   | 3.9    | 0.1       |
| 20°-30°   | 49.7   | 1.9       |
| 30°-40°   | 167.6  | 6.3       |
| 40°-50°   | 506.1  | 19.0      |
| 50°-60°   | 893.0  | 33.5      |
| 60°-70°   | 786.7  | 29.5      |
| 70°-80°   | 250.4  | 9.4       |
| 80°-90°   | 6.0    | 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°    | 2664.4 | 100.0     |
| 0°-180°   | 2664.4 | 100.0     |



REPORT NUMBER: P1067677

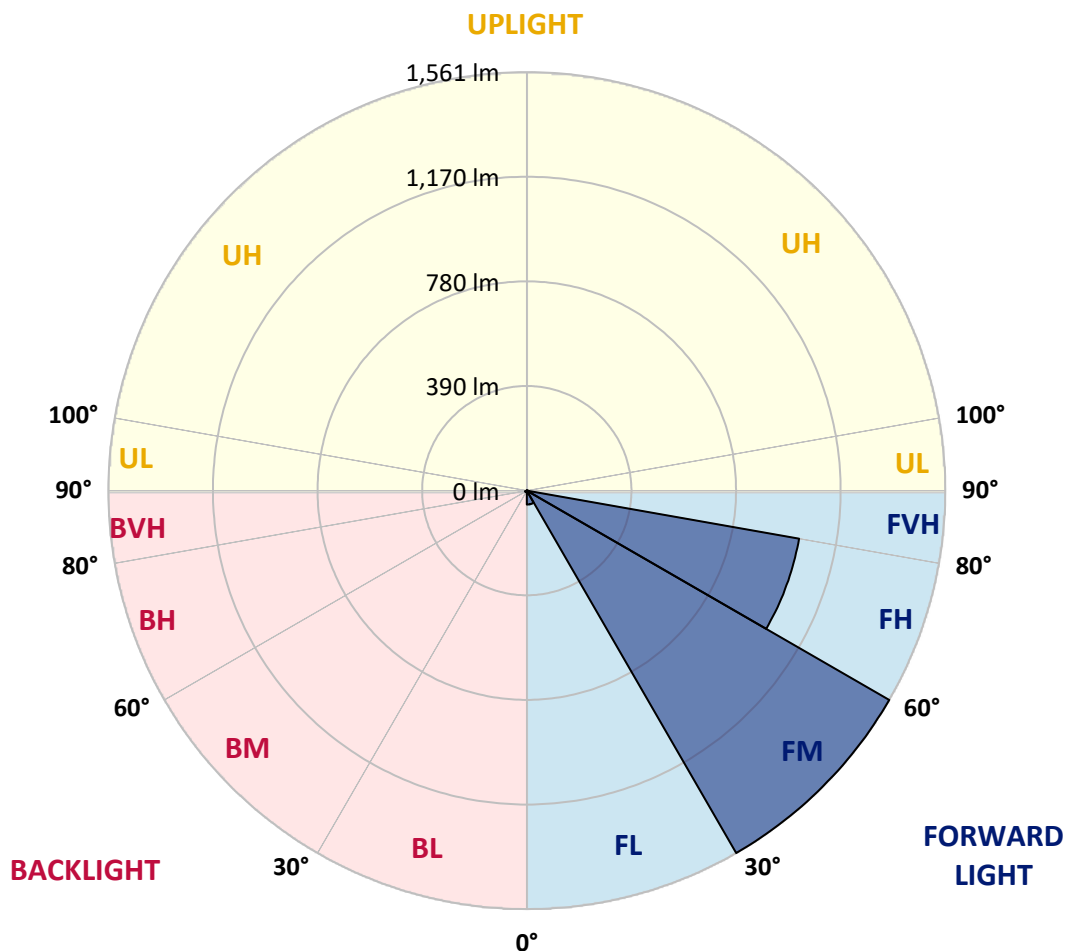
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

| Zone |             | Lumens | % Fixture | Zone Rating/Lumen Limit |      |         |
|------|-------------|--------|-----------|-------------------------|------|---------|
|      |             |        |           | B                       | U    | G       |
| FL   | (0°-30°)    | 52.0   | 2.0       |                         |      |         |
| FM   | (30°-60°)   | 1560.6 | 58.6      |                         |      |         |
| FH   | (60°-80°)   | 1031.0 | 38.7      |                         |      | G1/1800 |
| FVH  | (80°-90°)   | 4.9    | 0.2       |                         |      | G0/10   |
| BL   | (0°-30°)    | 2.4    | 0.1       | B0/110                  |      |         |
| BM   | (30°-60°)   | 6.1    | 0.2       | B0/220                  |      |         |
| BH   | (60°-80°)   | 6.2    | 0.2       | B0/110                  |      | G0/110  |
| BVH  | (80°-90°)   | 1.1    | 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-G1**

Type III Short



REPORT NUMBER: P1067677

CATALOG NUMBER: NAV-SA1A-727-U-RBC

**CANDELA DISTRIBUTION (FULL):**

|        | 0°    | 2.5°  | 5°    | 7.5° | 10°  | 12.5° | 15°  | 17.5° | 20°  | 22.5° | 25°  |
|--------|-------|-------|-------|------|------|-------|------|-------|------|-------|------|
| 0°     | 7.5   | 7.5   | 7.5   | 7.5  | 7.5  | 7.5   | 7.5  | 7.5   | 7.5  | 7.5   | 7.5  |
| 2.5°   | 6.7   | 6.7   | 6.7   | 6.7  | 6.7  | 6.7   | 6.7  | 6.7   | 6.7  | 6.7   | 5.8  |
| 5°     | 8.4   | 8.4   | 8.4   | 7.5  | 7.5  | 7.5   | 6.7  | 6.7   | 6.7  | 6.7   | 6.7  |
| 7.5°   | 10.0  | 9.2   | 9.2   | 8.4  | 8.4  | 8.4   | 7.5  | 7.5   | 7.5  | 7.5   | 6.7  |
| 10°    | 11.7  | 10.9  | 10.9  | 10.0 | 10.0 | 9.2   | 9.2  | 8.4   | 8.4  | 7.5   | 7.5  |
| 12.5°  | 13.4  | 12.5  | 11.7  | 10.9 | 10.9 | 10.0  | 10.0 | 9.2   | 9.2  | 8.4   | 8.4  |
| 15°    | 15.0  | 14.2  | 13.4  | 12.5 | 11.7 | 11.7  | 10.9 | 10.0  | 9.2  | 9.2   | 8.4  |
| 17.5°  | 17.5  | 15.9  | 15.0  | 13.4 | 12.5 | 11.7  | 10.9 | 10.0  | 10.0 | 9.2   | 9.2  |
| 20°    | 18.4  | 16.7  | 15.9  | 14.2 | 13.4 | 12.5  | 11.7 | 10.9  | 10.0 | 10.0  | 9.2  |
| 22.5°  | 21.7  | 18.4  | 17.5  | 15.9 | 15.0 | 14.2  | 12.5 | 11.7  | 10.9 | 10.0  | 9.2  |
| 25°    | 26.7  | 21.7  | 19.2  | 16.7 | 15.9 | 14.2  | 13.4 | 11.7  | 10.9 | 10.0  | 9.2  |
| 27.5°  | 32.6  | 24.2  | 21.7  | 18.4 | 16.7 | 15.0  | 13.4 | 11.7  | 10.9 | 10.0  | 9.2  |
| 30°    | 40.1  | 28.4  | 24.2  | 20.1 | 18.4 | 16.7  | 14.2 | 12.5  | 11.7 | 10.9  | 9.2  |
| 32.5°  | 56.0  | 35.1  | 28.4  | 21.7 | 19.2 | 17.5  | 15.0 | 12.5  | 11.7 | 10.9  | 9.2  |
| 35°    | 67.7  | 42.6  | 34.3  | 25.1 | 21.7 | 19.2  | 15.9 | 12.5  | 11.7 | 10.9  | 9.2  |
| 37.5°  | 78.5  | 43.4  | 35.1  | 26.7 | 23.4 | 20.1  | 15.9 | 12.5  | 11.7 | 10.9  | 9.2  |
| 40°    | 96.1  | 45.1  | 35.1  | 25.1 | 22.6 | 19.2  | 16.7 | 13.4  | 12.5 | 10.9  | 10.0 |
| 42.5°  | 129.5 | 51.8  | 37.6  | 23.4 | 20.9 | 19.2  | 16.7 | 14.2  | 12.5 | 11.7  | 10.0 |
| 45°    | 215.6 | 76.9  | 51.0  | 24.2 | 21.7 | 19.2  | 16.7 | 14.2  | 13.4 | 11.7  | 10.9 |
| 47.5°  | 366.8 | 133.7 | 79.4  | 25.1 | 22.6 | 19.2  | 16.7 | 13.4  | 12.5 | 11.7  | 10.0 |
| 50°    | 469.6 | 171.3 | 100.3 | 29.2 | 25.1 | 21.7  | 17.5 | 13.4  | 12.5 | 11.7  | 10.9 |
| 52.5°  | 498.8 | 182.1 | 108.6 | 34.3 | 29.2 | 24.2  | 18.4 | 13.4  | 12.5 | 12.5  | 11.7 |
| 55°    | 457.0 | 177.1 | 108.6 | 40.1 | 33.4 | 27.6  | 20.9 | 14.2  | 13.4 | 13.4  | 12.5 |
| 57.5°  | 388.5 | 163.8 | 103.6 | 43.4 | 36.8 | 29.2  | 22.6 | 15.0  | 14.2 | 14.2  | 13.4 |
| 60°    | 320.0 | 137.9 | 93.6  | 48.5 | 40.9 | 33.4  | 25.9 | 18.4  | 17.5 | 16.7  | 15.0 |
| 62.5°  | 254.0 | 111.1 | 81.9  | 51.8 | 44.3 | 35.9  | 28.4 | 20.1  | 19.2 | 18.4  | 17.5 |
| 65°    | 191.3 | 96.9  | 76.0  | 54.3 | 46.0 | 37.6  | 29.2 | 20.9  | 20.1 | 20.1  | 19.2 |
| 67.5°  | 147.1 | 88.6  | 72.7  | 56.0 | 47.6 | 39.3  | 30.9 | 22.6  | 21.7 | 20.9  | 20.1 |
| 70°    | 116.1 | 81.9  | 68.5  | 55.1 | 47.6 | 40.1  | 31.8 | 24.2  | 22.6 | 21.7  | 20.1 |
| 72.5°  | 96.9  | 74.4  | 63.5  | 52.6 | 46.8 | 40.9  | 35.1 | 29.2  | 25.9 | 23.4  | 20.1 |
| 75°    | 81.0  | 66.8  | 57.7  | 47.6 | 43.4 | 40.1  | 35.9 | 31.8  | 27.6 | 23.4  | 19.2 |
| 77.5°  | 53.5  | 48.5  | 44.3  | 40.1 | 37.6 | 35.1  | 31.8 | 29.2  | 25.1 | 21.7  | 17.5 |
| 80°    | 22.6  | 20.9  | 21.7  | 21.7 | 21.7 | 21.7  | 20.9 | 20.9  | 18.4 | 15.9  | 12.5 |
| 82.5°  | 5.0   | 4.2   | 5.0   | 5.0  | 5.0  | 5.0   | 4.2  | 4.2   | 4.2  | 3.3   | 3.3  |
| 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: P1067677

CATALOG NUMBER: NAV-SA1A-727-U-RBC

**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 |



REPORT NUMBER: P1067677

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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°     | 7.5   | 7.5  | 7.5   | 7.5  | 7.5   | 7.5 | 7.5   | 7.5 | 7.5   | 7.5 | 7.5   |
| 2.5°   | 5.8   | 5.8  | 5.8   | 5.8  | 5.8   | 5.8 | 5.8   | 5.8 | 5.8   | 5.8 | 5.8   |
| 5°     | 6.7   | 6.7  | 6.7   | 5.8  | 5.8   | 5.8 | 5.8   | 5.8 | 5.8   | 5.8 | 5.8   |
| 7.5°   | 6.7   | 6.7  | 6.7   | 5.8  | 5.8   | 5.8 | 5.8   | 5.0 | 5.0   | 5.0 | 5.0   |
| 10°    | 6.7   | 6.7  | 6.7   | 5.8  | 5.8   | 5.8 | 5.8   | 5.0 | 5.0   | 5.0 | 5.0   |
| 12.5°  | 7.5   | 7.5  | 6.7   | 6.7  | 5.8   | 5.8 | 5.8   | 5.0 | 5.0   | 5.0 | 5.0   |
| 15°    | 7.5   | 7.5  | 6.7   | 6.7  | 5.8   | 5.8 | 5.8   | 5.0 | 5.0   | 5.0 | 5.0   |
| 17.5°  | 8.4   | 7.5  | 7.5   | 6.7  | 5.8   | 5.8 | 5.8   | 5.0 | 5.0   | 5.0 | 5.0   |
| 20°    | 8.4   | 7.5  | 7.5   | 6.7  | 5.8   | 5.8 | 5.8   | 5.0 | 5.0   | 5.0 | 5.0   |
| 22.5°  | 8.4   | 7.5  | 7.5   | 6.7  | 5.8   | 5.8 | 5.0   | 5.0 | 4.2   | 4.2 | 3.3   |
| 25°    | 8.4   | 7.5  | 7.5   | 6.7  | 5.8   | 5.8 | 5.0   | 5.0 | 4.2   | 3.3 | 3.3   |
| 27.5°  | 8.4   | 7.5  | 7.5   | 6.7  | 5.8   | 5.0 | 5.0   | 4.2 | 3.3   | 2.5 | 2.5   |
| 30°    | 8.4   | 7.5  | 7.5   | 6.7  | 5.8   | 5.0 | 4.2   | 3.3 | 2.5   | 2.5 | 1.7   |
| 32.5°  | 8.4   | 7.5  | 6.7   | 5.8  | 5.0   | 4.2 | 4.2   | 3.3 | 2.5   | 1.7 | 1.7   |
| 35°    | 8.4   | 7.5  | 6.7   | 5.8  | 5.0   | 4.2 | 4.2   | 3.3 | 2.5   | 1.7 | 1.7   |
| 37.5°  | 8.4   | 7.5  | 6.7   | 5.8  | 5.0   | 4.2 | 3.3   | 2.5 | 1.7   | 1.7 | 0.8   |
| 40°    | 8.4   | 7.5  | 6.7   | 5.8  | 5.0   | 4.2 | 3.3   | 2.5 | 1.7   | 1.7 | 0.8   |
| 42.5°  | 8.4   | 7.5  | 6.7   | 5.8  | 5.0   | 4.2 | 3.3   | 2.5 | 1.7   | 1.7 | 0.8   |
| 45°    | 9.2   | 8.4  | 7.5   | 5.8  | 5.0   | 4.2 | 4.2   | 3.3 | 2.5   | 1.7 | 1.7   |
| 47.5°  | 9.2   | 8.4  | 7.5   | 5.8  | 5.0   | 4.2 | 4.2   | 3.3 | 2.5   | 1.7 | 1.7   |
| 50°    | 10.0  | 9.2  | 8.4   | 6.7  | 5.8   | 5.0 | 4.2   | 2.5 | 1.7   | 1.7 | 0.8   |
| 52.5°  | 10.9  | 10.0 | 9.2   | 8.4  | 7.5   | 5.8 | 4.2   | 2.5 | 0.8   | 0.8 | 0.8   |
| 55°    | 11.7  | 10.9 | 10.9  | 10.0 | 9.2   | 6.7 | 5.0   | 2.5 | 0.0   | 0.0 | 0.0   |
| 57.5°  | 12.5  | 11.7 | 11.7  | 10.9 | 10.0  | 7.5 | 5.0   | 2.5 | 0.0   | 0.0 | 0.0   |
| 60°    | 14.2  | 13.4 | 12.5  | 10.9 | 10.0  | 7.5 | 5.0   | 2.5 | 0.0   | 0.0 | 0.0   |
| 62.5°  | 16.7  | 15.0 | 12.5  | 10.9 | 8.4   | 6.7 | 4.2   | 2.5 | 0.0   | 0.0 | 0.0   |
| 65°    | 18.4  | 15.9 | 13.4  | 10.0 | 7.5   | 5.8 | 4.2   | 1.7 | 0.0   | 0.0 | 0.0   |
| 67.5°  | 19.2  | 15.9 | 13.4  | 10.0 | 6.7   | 5.0 | 3.3   | 1.7 | 0.0   | 0.0 | 0.0   |
| 70°    | 18.4  | 15.0 | 12.5  | 9.2  | 5.8   | 4.2 | 3.3   | 1.7 | 0.0   | 0.0 | 0.0   |
| 72.5°  | 16.7  | 14.2 | 10.9  | 8.4  | 5.0   | 4.2 | 2.5   | 1.7 | 0.0   | 0.0 | 0.0   |
| 75°    | 15.0  | 12.5 | 9.2   | 6.7  | 3.3   | 2.5 | 1.7   | 0.8 | 0.0   | 0.0 | 0.0   |
| 77.5°  | 13.4  | 10.9 | 7.5   | 5.0  | 1.7   | 1.7 | 0.8   | 0.8 | 0.0   | 0.0 | 0.0   |
| 80°    | 10.0  | 7.5  | 5.0   | 2.5  | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   |
| 82.5°  | 2.5   | 1.7  | 1.7   | 0.8  | 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: P1067677

CATALOG NUMBER: NAV-SA1A-727-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: P1067677

CATALOG NUMBER: NAV-SA1A-727-U-RBC

**CANDELA DISTRIBUTION (continued):**

|        | 55° | 57.5° | 60° | 62.5° | 65° | 67.5° | 70° | 72.5° | 75° | 77.5° | 80° |
|--------|-----|-------|-----|-------|-----|-------|-----|-------|-----|-------|-----|
| 0°     | 7.5 | 7.5   | 7.5 | 7.5   | 7.5 | 7.5   | 7.5 | 7.5   | 7.5 | 7.5   | 7.5 |
| 2.5°   | 5.0 | 5.0   | 5.0 | 5.0   | 5.0 | 5.0   | 5.0 | 5.0   | 5.0 | 5.0   | 5.0 |
| 5°     | 5.0 | 5.0   | 5.0 | 5.0   | 4.2 | 4.2   | 4.2 | 4.2   | 4.2 | 4.2   | 4.2 |
| 7.5°   | 5.0 | 5.0   | 5.0 | 5.0   | 4.2 | 4.2   | 4.2 | 4.2   | 3.3 | 3.3   | 3.3 |
| 10°    | 4.2 | 4.2   | 4.2 | 4.2   | 4.2 | 4.2   | 4.2 | 4.2   | 3.3 | 3.3   | 3.3 |
| 12.5°  | 4.2 | 4.2   | 4.2 | 4.2   | 4.2 | 4.2   | 4.2 | 4.2   | 3.3 | 3.3   | 3.3 |
| 15°    | 4.2 | 4.2   | 4.2 | 4.2   | 4.2 | 4.2   | 4.2 | 3.3   | 3.3 | 2.5   | 2.5 |
| 17.5°  | 4.2 | 4.2   | 4.2 | 4.2   | 3.3 | 3.3   | 3.3 | 2.5   | 2.5 | 1.7   | 1.7 |
| 20°    | 4.2 | 4.2   | 4.2 | 3.3   | 3.3 | 2.5   | 2.5 | 1.7   | 1.7 | 0.8   | 0.8 |
| 22.5°  | 3.3 | 2.5   | 2.5 | 1.7   | 1.7 | 0.8   | 0.8 | 0.8   | 0.0 | 0.0   | 0.0 |
| 25°    | 2.5 | 1.7   | 1.7 | 0.8   | 0.8 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 |
| 27.5°  | 1.7 | 0.8   | 0.8 | 0.8   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 |
| 30°    | 1.7 | 0.8   | 0.8 | 0.8   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 |
| 32.5°  | 0.8 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 |
| 35°    | 0.8 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 |
| 37.5°  | 0.8 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 |
| 40°    | 0.8 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 |
| 42.5°  | 0.8 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 |
| 45°    | 0.8 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 |
| 47.5°  | 0.8 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 | 0.0   | 0.0 |
| 50°    | 0.8 | 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: P1067677

CATALOG NUMBER: NAV-SA1A-727-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: P1067677

CATALOG NUMBER: NAV-SA1A-727-U-RBC

**CANDELA DISTRIBUTION (continued):**

|        | 82.5° | 85° | 87.5° | 90° | 92.5° | 95° | 97.5° | 100° | 102.5° | 105° | 107.5° |
|--------|-------|-----|-------|-----|-------|-----|-------|------|--------|------|--------|
| 0°     | 7.5   | 7.5 | 7.5   | 7.5 | 7.5   | 7.5 | 7.5   | 7.5  | 7.5    | 7.5  | 7.5    |
| 2.5°   | 5.0   | 4.2 | 4.2   | 4.2 | 4.2   | 4.2 | 4.2   | 4.2  | 4.2    | 4.2  | 4.2    |
| 5°     | 4.2   | 4.2 | 4.2   | 4.2 | 3.3   | 3.3 | 3.3   | 3.3  | 3.3    | 3.3  | 3.3    |
| 7.5°   | 3.3   | 3.3 | 3.3   | 3.3 | 3.3   | 3.3 | 2.5   | 2.5  | 2.5    | 2.5  | 2.5    |
| 10°    | 3.3   | 2.5 | 2.5   | 2.5 | 2.5   | 2.5 | 2.5   | 2.5  | 2.5    | 1.7  | 1.7    |
| 12.5°  | 3.3   | 2.5 | 2.5   | 2.5 | 1.7   | 1.7 | 1.7   | 1.7  | 1.7    | 0.8  | 0.8    |
| 15°    | 2.5   | 1.7 | 1.7   | 1.7 | 0.8   | 0.8 | 0.8   | 0.8  | 0.8    | 0.0  | 0.0    |
| 17.5°  | 1.7   | 0.8 | 0.8   | 0.8 | 0.0   | 0.0 | 0.0   | 0.0  | 0.0    | 0.0  | 0.0    |
| 20°    | 0.8   | 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: P1067677

CATALOG NUMBER: NAV-SA1A-727-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: P1067677

CATALOG NUMBER: NAV-SA1A-727-U-RBC

**CANDELA DISTRIBUTION (continued):**

|        | 110° | 112.5° | 115° | 117.5° | 120° | 122.5° | 125° | 127.5° | 130° | 132.5° | 135° |
|--------|------|--------|------|--------|------|--------|------|--------|------|--------|------|
| 0°     | 7.5  | 7.5    | 7.5  | 7.5    | 7.5  | 7.5    | 7.5  | 7.5    | 7.5  | 7.5    | 7.5  |
| 2.5°   | 4.2  | 4.2    | 4.2  | 4.2    | 4.2  | 4.2    | 4.2  | 4.2    | 4.2  | 5.0    | 5.0  |
| 5°     | 3.3  | 3.3    | 3.3  | 3.3    | 3.3  | 3.3    | 3.3  | 3.3    | 3.3  | 3.3    | 3.3  |
| 7.5°   | 2.5  | 2.5    | 2.5  | 2.5    | 2.5  | 2.5    | 2.5  | 2.5    | 2.5  | 2.5    | 2.5  |
| 10°    | 1.7  | 1.7    | 1.7  | 1.7    | 1.7  | 1.7    | 0.8  | 0.8    | 0.8  | 0.8    | 0.8  |
| 12.5°  | 0.8  | 0.8    | 0.8  | 0.8    | 0.8  | 0.8    | 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: P1067677

CATALOG NUMBER: NAV-SA1A-727-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: P1067677

CATALOG NUMBER: NAV-SA1A-727-U-RBC

**CANDELA DISTRIBUTION (continued):**

|        | 137.5° | 140° | 142.5° | 145° | 147.5° | 150° | 152.5° | 155° | 157.5° | 160° | 162.5° |
|--------|--------|------|--------|------|--------|------|--------|------|--------|------|--------|
| 0°     | 7.5    | 7.5  | 7.5    | 7.5  | 7.5    | 7.5  | 7.5    | 7.5  | 7.5    | 7.5  | 7.5    |
| 2.5°   | 5.0    | 5.0  | 5.0    | 5.0  | 5.0    | 5.8  | 5.8    | 6.7  | 6.7    | 7.5  | 7.5    |
| 5°     | 3.3    | 3.3  | 4.2    | 4.2  | 4.2    | 4.2  | 5.0    | 5.0  | 5.0    | 5.8  | 5.8    |
| 7.5°   | 2.5    | 2.5  | 2.5    | 2.5  | 2.5    | 3.3  | 3.3    | 4.2  | 4.2    | 5.0  | 5.0    |
| 10°    | 0.8    | 0.8  | 1.7    | 1.7  | 1.7    | 1.7  | 2.5    | 2.5  | 2.5    | 3.3  | 4.2    |
| 12.5°  | 0.0    | 0.0  | 0.8    | 0.8  | 0.8    | 0.8  | 1.7    | 1.7  | 1.7    | 2.5  | 3.3    |
| 15°    | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.8    | 0.8  | 0.8    | 1.7  | 2.5    |
| 17.5°  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.8  | 1.7    |
| 20°    | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.8  | 0.8    |
| 22.5°  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.8    |
| 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: P1067677

CATALOG NUMBER: NAV-SA1A-727-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: P1067677

CATALOG NUMBER: NAV-SA1A-727-U-RBC

**CANDELA DISTRIBUTION (continued):**

|        | 165° | 167.5° | 170° | 172.5° | 175° | 177.5° | 180° | 182.5° | 185° | 187.5° | 190° |
|--------|------|--------|------|--------|------|--------|------|--------|------|--------|------|
| 0°     | 7.5  | 7.5    | 7.5  | 7.5    | 7.5  | 7.5    | 7.5  | 7.5    | 7.5  | 7.5    | 7.5  |
| 2.5°   | 8.4  | 8.4    | 9.2  | 9.2    | 10.0 | 10.0   | 10.9 | 10.9   | 10.9 | 10.9   | 10.9 |
| 5°     | 6.7  | 6.7    | 7.5  | 8.4    | 8.4  | 9.2    | 10.0 | 10.0   | 10.0 | 10.0   | 10.0 |
| 7.5°   | 5.8  | 5.8    | 6.7  | 7.5    | 7.5  | 8.4    | 9.2  | 9.2    | 10.0 | 10.0   | 10.0 |
| 10°    | 4.2  | 5.0    | 5.8  | 6.7    | 6.7  | 7.5    | 8.4  | 8.4    | 9.2  | 9.2    | 9.2  |
| 12.5°  | 3.3  | 4.2    | 5.0  | 5.8    | 5.8  | 6.7    | 7.5  | 7.5    | 8.4  | 8.4    | 9.2  |
| 15°    | 2.5  | 3.3    | 4.2  | 5.0    | 5.0  | 5.8    | 6.7  | 6.7    | 7.5  | 8.4    | 9.2  |
| 17.5°  | 1.7  | 2.5    | 3.3  | 4.2    | 4.2  | 5.0    | 5.8  | 6.7    | 7.5  | 7.5    | 8.4  |
| 20°    | 1.7  | 1.7    | 2.5  | 3.3    | 3.3  | 4.2    | 5.0  | 5.8    | 6.7  | 6.7    | 7.5  |
| 22.5°  | 0.8  | 0.8    | 1.7  | 2.5    | 2.5  | 3.3    | 4.2  | 5.0    | 5.8  | 5.8    | 6.7  |
| 25°    | 0.0  | 0.0    | 0.8  | 1.7    | 1.7  | 2.5    | 3.3  | 3.3    | 4.2  | 4.2    | 5.0  |
| 27.5°  | 0.0  | 0.0    | 0.8  | 0.8    | 1.7  | 1.7    | 2.5  | 2.5    | 3.3  | 3.3    | 4.2  |
| 30°    | 0.0  | 0.0    | 0.8  | 0.8    | 1.7  | 1.7    | 2.5  | 2.5    | 3.3  | 3.3    | 3.3  |
| 32.5°  | 0.0  | 0.0    | 0.0  | 0.8    | 0.8  | 0.8    | 1.7  | 1.7    | 2.5  | 2.5    | 3.3  |
| 35°    | 0.0  | 0.0    | 0.0  | 0.8    | 0.8  | 0.8    | 1.7  | 1.7    | 2.5  | 2.5    | 2.5  |
| 37.5°  | 0.0  | 0.0    | 0.0  | 0.8    | 0.8  | 0.8    | 1.7  | 1.7    | 1.7  | 1.7    | 2.5  |
| 40°    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.8  | 0.8    | 1.7  | 1.7    | 1.7  |
| 42.5°  | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.8  | 0.8    | 1.7  | 1.7    | 1.7  |
| 45°    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.8  | 0.8    | 1.7  | 1.7    | 1.7  |
| 47.5°  | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.8  | 0.8    | 1.7  | 1.7    | 1.7  |
| 50°    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.8  | 0.8    | 1.7  | 1.7    | 1.7  |
| 52.5°  | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.8  | 0.8    | 0.8  | 0.8    | 0.8  |
| 55°    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.8  | 0.8    | 0.8  | 0.8    | 0.8  |
| 57.5°  | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.8  | 0.8    | 0.8  | 0.8    | 0.8  |
| 60°    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.8  | 0.8    | 0.8  |
| 62.5°  | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.8  | 0.8    | 0.8  |
| 65°    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.8  | 0.8    | 0.8  |
| 67.5°  | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.8  | 0.8    | 0.8  |
| 70°    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.8  | 0.8    | 0.8  |
| 72.5°  | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.8  | 0.8    | 0.8  |
| 75°    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.8  | 0.8    | 0.8  | 0.8    | 0.8  |
| 77.5°  | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.8  | 0.8    | 1.7  | 1.7    | 1.7  |
| 80°    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.8  | 0.8    | 1.7  | 1.7    | 1.7  |
| 82.5°  | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.8  | 0.8    | 0.8  | 0.8    | 1.7  |
| 85°    | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.8  | 0.8    | 0.8  | 0.8    | 0.8  |
| 87.5°  | 0.0  | 0.0    | 0.0  | 0.0    | 0.0  | 0.0    | 0.8  | 0.8    | 0.8  | 0.8    | 0.8  |
| 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: P1067677

CATALOG NUMBER: NAV-SA1A-727-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: P1067677

CATALOG NUMBER: NAV-SA1A-727-U-RBC

**CANDELA DISTRIBUTION (continued):**

|        | 192.5° | 195° | 197.5° | 200° | 202.5° | 205° | 207.5° | 210° | 212.5° | 215° | 217.5° |
|--------|--------|------|--------|------|--------|------|--------|------|--------|------|--------|
| 0°     | 7.5    | 7.5  | 7.5    | 7.5  | 7.5    | 7.5  | 7.5    | 7.5  | 7.5    | 7.5  | 7.5    |
| 2.5°   | 11.7   | 11.7 | 11.7   | 11.7 | 11.7   | 11.7 | 11.7   | 11.7 | 11.7   | 10.9 | 10.9   |
| 5°     | 10.9   | 10.9 | 10.9   | 10.9 | 10.9   | 10.9 | 10.9   | 10.9 | 10.9   | 10.0 | 10.0   |
| 7.5°   | 10.9   | 10.9 | 10.9   | 10.9 | 10.9   | 10.9 | 10.9   | 10.9 | 10.9   | 10.0 | 10.0   |
| 10°    | 10.0   | 10.0 | 10.0   | 10.0 | 10.0   | 10.0 | 10.0   | 10.0 | 10.0   | 10.0 | 10.0   |
| 12.5°  | 9.2    | 10.0 | 10.0   | 10.0 | 10.0   | 10.0 | 10.0   | 10.0 | 10.0   | 10.0 | 10.0   |
| 15°    | 9.2    | 10.0 | 10.0   | 10.0 | 10.0   | 10.0 | 10.0   | 10.0 | 10.0   | 10.0 | 10.0   |
| 17.5°  | 8.4    | 9.2  | 9.2    | 9.2  | 10.0   | 10.0 | 10.0   | 10.0 | 10.0   | 10.0 | 10.0   |
| 20°    | 7.5    | 8.4  | 8.4    | 8.4  | 9.2    | 9.2  | 9.2    | 9.2  | 10.0   | 10.0 | 10.0   |
| 22.5°  | 6.7    | 7.5  | 7.5    | 7.5  | 8.4    | 8.4  | 8.4    | 8.4  | 9.2    | 9.2  | 9.2    |
| 25°    | 5.8    | 5.8  | 6.7    | 6.7  | 7.5    | 7.5  | 7.5    | 7.5  | 7.5    | 7.5  | 7.5    |
| 27.5°  | 4.2    | 5.0  | 5.0    | 5.0  | 5.8    | 5.8  | 5.8    | 5.8  | 6.7    | 6.7  | 6.7    |
| 30°    | 4.2    | 4.2  | 4.2    | 4.2  | 5.0    | 5.0  | 5.0    | 5.0  | 5.8    | 5.8  | 5.8    |
| 32.5°  | 3.3    | 4.2  | 4.2    | 4.2  | 5.0    | 5.0  | 5.0    | 5.0  | 5.8    | 5.8  | 5.8    |
| 35°    | 3.3    | 3.3  | 3.3    | 3.3  | 4.2    | 4.2  | 4.2    | 4.2  | 5.0    | 5.0  | 5.0    |
| 37.5°  | 2.5    | 3.3  | 3.3    | 3.3  | 4.2    | 4.2  | 4.2    | 4.2  | 5.0    | 5.0  | 5.0    |
| 40°    | 2.5    | 2.5  | 2.5    | 2.5  | 3.3    | 3.3  | 3.3    | 3.3  | 4.2    | 4.2  | 4.2    |
| 42.5°  | 2.5    | 2.5  | 2.5    | 2.5  | 3.3    | 3.3  | 3.3    | 3.3  | 4.2    | 4.2  | 4.2    |
| 45°    | 2.5    | 2.5  | 2.5    | 2.5  | 3.3    | 3.3  | 3.3    | 3.3  | 4.2    | 4.2  | 4.2    |
| 47.5°  | 2.5    | 2.5  | 2.5    | 2.5  | 3.3    | 3.3  | 3.3    | 3.3  | 4.2    | 4.2  | 4.2    |
| 50°    | 2.5    | 2.5  | 2.5    | 2.5  | 3.3    | 3.3  | 3.3    | 3.3  | 4.2    | 4.2  | 4.2    |
| 52.5°  | 1.7    | 1.7  | 1.7    | 1.7  | 2.5    | 2.5  | 2.5    | 2.5  | 3.3    | 3.3  | 3.3    |
| 55°    | 1.7    | 1.7  | 1.7    | 1.7  | 1.7    | 1.7  | 1.7    | 1.7  | 2.5    | 2.5  | 2.5    |
| 57.5°  | 1.7    | 1.7  | 1.7    | 1.7  | 1.7    | 1.7  | 1.7    | 1.7  | 2.5    | 2.5  | 2.5    |
| 60°    | 1.7    | 1.7  | 1.7    | 1.7  | 1.7    | 1.7  | 1.7    | 1.7  | 1.7    | 1.7  | 1.7    |
| 62.5°  | 0.8    | 0.8  | 0.8    | 0.8  | 0.8    | 0.8  | 0.8    | 0.8  | 0.8    | 0.8  | 0.8    |
| 65°    | 1.7    | 1.7  | 1.7    | 1.7  | 1.7    | 1.7  | 1.7    | 1.7  | 1.7    | 0.8  | 0.8    |
| 67.5°  | 1.7    | 1.7  | 1.7    | 1.7  | 1.7    | 1.7  | 1.7    | 1.7  | 1.7    | 1.7  | 1.7    |
| 70°    | 1.7    | 1.7  | 1.7    | 1.7  | 1.7    | 1.7  | 1.7    | 1.7  | 1.7    | 1.7  | 1.7    |
| 72.5°  | 1.7    | 1.7  | 1.7    | 1.7  | 1.7    | 1.7  | 1.7    | 1.7  | 1.7    | 1.7  | 1.7    |
| 75°    | 1.7    | 1.7  | 1.7    | 1.7  | 1.7    | 1.7  | 1.7    | 1.7  | 1.7    | 1.7  | 1.7    |
| 77.5°  | 1.7    | 1.7  | 1.7    | 1.7  | 1.7    | 1.7  | 1.7    | 1.7  | 1.7    | 1.7  | 1.7    |
| 80°    | 2.5    | 2.5  | 2.5    | 2.5  | 2.5    | 1.7  | 1.7    | 1.7  | 1.7    | 1.7  | 1.7    |
| 82.5°  | 1.7    | 2.5  | 2.5    | 2.5  | 2.5    | 1.7  | 1.7    | 1.7  | 1.7    | 1.7  | 1.7    |
| 85°    | 1.7    | 1.7  | 1.7    | 1.7  | 1.7    | 1.7  | 1.7    | 1.7  | 1.7    | 1.7  | 1.7    |
| 87.5°  | 1.7    | 1.7  | 1.7    | 1.7  | 1.7    | 1.7  | 1.7    | 1.7  | 1.7    | 1.7  | 1.7    |
| 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: P1067677

CATALOG NUMBER: NAV-SA1A-727-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: P1067677

CATALOG NUMBER: NAV-SA1A-727-U-RBC

**CANDELA DISTRIBUTION (continued):**

|        | 220° | 222.5° | 225° | 227.5° | 230° | 232.5° | 235° | 237.5° | 240° | 242.5° | 245° |
|--------|------|--------|------|--------|------|--------|------|--------|------|--------|------|
| 0°     | 7.5  | 7.5    | 7.5  | 7.5    | 7.5  | 7.5    | 7.5  | 7.5    | 7.5  | 7.5    | 7.5  |
| 2.5°   | 10.9 | 10.9   | 10.0 | 10.0   | 10.0 | 10.0   | 10.0 | 10.0   | 10.0 | 10.9   | 10.9 |
| 5°     | 10.0 | 10.0   | 10.0 | 10.0   | 10.0 | 10.0   | 10.0 | 10.0   | 10.0 | 10.9   | 10.9 |
| 7.5°   | 10.0 | 10.0   | 10.0 | 10.0   | 10.0 | 10.0   | 10.0 | 10.0   | 10.0 | 10.9   | 10.9 |
| 10°    | 10.0 | 10.0   | 10.0 | 10.0   | 9.2  | 9.2    | 10.0 | 10.0   | 10.0 | 10.9   | 10.9 |
| 12.5°  | 10.0 | 10.0   | 10.0 | 10.0   | 9.2  | 9.2    | 10.0 | 10.0   | 10.9 | 10.9   | 11.7 |
| 15°    | 10.0 | 10.0   | 9.2  | 9.2    | 9.2  | 9.2    | 10.0 | 10.0   | 10.9 | 10.9   | 11.7 |
| 17.5°  | 10.0 | 10.0   | 9.2  | 9.2    | 9.2  | 9.2    | 10.0 | 10.0   | 10.9 | 10.9   | 11.7 |
| 20°    | 10.0 | 10.0   | 9.2  | 9.2    | 9.2  | 9.2    | 9.2  | 9.2    | 10.0 | 10.9   | 10.9 |
| 22.5°  | 9.2  | 9.2    | 9.2  | 9.2    | 8.4  | 8.4    | 9.2  | 9.2    | 10.0 | 10.9   | 10.9 |
| 25°    | 7.5  | 8.4    | 8.4  | 8.4    | 8.4  | 8.4    | 9.2  | 9.2    | 10.0 | 10.9   | 10.9 |
| 27.5°  | 6.7  | 7.5    | 7.5  | 7.5    | 7.5  | 8.4    | 8.4  | 9.2    | 10.0 | 10.9   | 10.9 |
| 30°    | 5.8  | 6.7    | 6.7  | 6.7    | 7.5  | 8.4    | 8.4  | 9.2    | 10.0 | 10.9   | 10.9 |
| 32.5°  | 5.8  | 6.7    | 6.7  | 6.7    | 7.5  | 7.5    | 8.4  | 8.4    | 9.2  | 10.0   | 10.9 |
| 35°    | 5.8  | 5.8    | 6.7  | 6.7    | 6.7  | 7.5    | 7.5  | 8.4    | 9.2  | 10.0   | 10.9 |
| 37.5°  | 5.8  | 5.8    | 6.7  | 6.7    | 6.7  | 7.5    | 7.5  | 8.4    | 9.2  | 10.0   | 10.9 |
| 40°    | 5.0  | 5.8    | 5.8  | 6.7    | 6.7  | 7.5    | 7.5  | 8.4    | 9.2  | 10.9   | 11.7 |
| 42.5°  | 5.0  | 5.0    | 5.8  | 5.8    | 6.7  | 7.5    | 7.5  | 8.4    | 9.2  | 10.9   | 11.7 |
| 45°    | 5.0  | 5.8    | 5.8  | 6.7    | 7.5  | 8.4    | 8.4  | 9.2    | 10.0 | 10.9   | 11.7 |
| 47.5°  | 5.0  | 5.8    | 5.8  | 6.7    | 8.4  | 8.4    | 9.2  | 9.2    | 10.0 | 10.9   | 11.7 |
| 50°    | 5.0  | 5.8    | 5.8  | 6.7    | 9.2  | 9.2    | 9.2  | 9.2    | 10.0 | 10.9   | 11.7 |
| 52.5°  | 4.2  | 5.0    | 5.0  | 5.8    | 7.5  | 8.4    | 9.2  | 10.0   | 10.9 | 11.7   | 12.5 |
| 55°    | 3.3  | 4.2    | 4.2  | 5.0    | 6.7  | 7.5    | 9.2  | 10.9   | 11.7 | 12.5   | 13.4 |
| 57.5°  | 3.3  | 3.3    | 4.2  | 4.2    | 5.8  | 7.5    | 10.0 | 11.7   | 12.5 | 13.4   | 14.2 |
| 60°    | 2.5  | 2.5    | 3.3  | 3.3    | 5.0  | 6.7    | 9.2  | 11.7   | 12.5 | 14.2   | 15.0 |
| 62.5°  | 1.7  | 2.5    | 2.5  | 3.3    | 4.2  | 6.7    | 9.2  | 11.7   | 13.4 | 15.0   | 15.9 |
| 65°    | 1.7  | 1.7    | 2.5  | 2.5    | 4.2  | 5.8    | 8.4  | 10.0   | 12.5 | 15.0   | 17.5 |
| 67.5°  | 2.5  | 2.5    | 3.3  | 3.3    | 4.2  | 5.8    | 8.4  | 10.0   | 12.5 | 15.9   | 18.4 |
| 70°    | 2.5  | 2.5    | 3.3  | 3.3    | 5.0  | 6.7    | 8.4  | 10.0   | 12.5 | 15.9   | 18.4 |
| 72.5°  | 2.5  | 2.5    | 3.3  | 3.3    | 5.0  | 5.8    | 7.5  | 9.2    | 11.7 | 14.2   | 16.7 |
| 75°    | 1.7  | 2.5    | 2.5  | 2.5    | 4.2  | 5.0    | 6.7  | 8.4    | 10.9 | 13.4   | 15.9 |
| 77.5°  | 1.7  | 1.7    | 1.7  | 1.7    | 3.3  | 4.2    | 5.8  | 6.7    | 9.2  | 11.7   | 14.2 |
| 80°    | 1.7  | 1.7    | 1.7  | 1.7    | 2.5  | 3.3    | 5.0  | 5.8    | 8.4  | 10.9   | 13.4 |
| 82.5°  | 1.7  | 1.7    | 0.8  | 0.8    | 1.7  | 2.5    | 3.3  | 4.2    | 6.7  | 8.4    | 10.9 |
| 85°    | 1.7  | 1.7    | 0.8  | 0.8    | 0.8  | 1.7    | 1.7  | 2.5    | 3.3  | 4.2    | 5.0  |
| 87.5°  | 1.7  | 1.7    | 0.8  | 0.8    | 0.8  | 0.8    | 0.8  | 0.8    | 0.8  | 0.8    | 0.8  |
| 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: P1067677

CATALOG NUMBER: NAV-SA1A-727-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: P1067677

CATALOG NUMBER: NAV-SA1A-727-U-RBC

**CANDELA DISTRIBUTION (continued):**

|        | 247.5° | 250° | 252.5° | 255° | 257.5° | 260° | 262.5° | 265° | 267.5° | 270°  | 272.5° |
|--------|--------|------|--------|------|--------|------|--------|------|--------|-------|--------|
| 0°     | 7.5    | 7.5  | 7.5    | 7.5  | 7.5    | 7.5  | 7.5    | 7.5  | 7.5    | 7.5   | 7.5    |
| 2.5°   | 10.9   | 10.9 | 11.7   | 11.7 | 11.7   | 11.7 | 11.7   | 11.7 | 11.7   | 11.7  | 11.7   |
| 5°     | 10.9   | 11.7 | 11.7   | 12.5 | 12.5   | 12.5 | 13.4   | 13.4 | 13.4   | 13.4  | 13.4   |
| 7.5°   | 10.9   | 11.7 | 11.7   | 12.5 | 12.5   | 12.5 | 13.4   | 13.4 | 13.4   | 14.2  | 14.2   |
| 10°    | 10.9   | 11.7 | 11.7   | 12.5 | 12.5   | 13.4 | 14.2   | 14.2 | 15.0   | 15.0  | 15.0   |
| 12.5°  | 11.7   | 12.5 | 12.5   | 13.4 | 13.4   | 14.2 | 15.0   | 15.0 | 15.9   | 16.7  | 16.7   |
| 15°    | 11.7   | 12.5 | 13.4   | 13.4 | 14.2   | 15.0 | 15.9   | 15.9 | 16.7   | 17.5  | 18.4   |
| 17.5°  | 11.7   | 12.5 | 13.4   | 13.4 | 14.2   | 15.0 | 16.7   | 17.5 | 18.4   | 20.1  | 20.9   |
| 20°    | 11.7   | 12.5 | 13.4   | 13.4 | 14.2   | 15.9 | 16.7   | 18.4 | 19.2   | 20.9  | 22.6   |
| 22.5°  | 11.7   | 12.5 | 13.4   | 14.2 | 15.0   | 16.7 | 18.4   | 19.2 | 20.9   | 23.4  | 25.1   |
| 25°    | 11.7   | 12.5 | 13.4   | 14.2 | 15.0   | 16.7 | 18.4   | 20.1 | 21.7   | 25.1  | 28.4   |
| 27.5°  | 11.7   | 12.5 | 14.2   | 15.0 | 15.9   | 17.5 | 20.1   | 21.7 | 23.4   | 29.2  | 35.1   |
| 30°    | 11.7   | 12.5 | 14.2   | 15.0 | 15.9   | 18.4 | 20.9   | 22.6 | 25.1   | 35.1  | 44.3   |
| 32.5°  | 11.7   | 13.4 | 14.2   | 15.9 | 16.7   | 19.2 | 22.6   | 25.1 | 27.6   | 41.8  | 55.1   |
| 35°    | 11.7   | 13.4 | 14.2   | 15.9 | 16.7   | 20.1 | 23.4   | 26.7 | 30.1   | 51.0  | 71.9   |
| 37.5°  | 11.7   | 13.4 | 14.2   | 15.9 | 16.7   | 21.7 | 26.7   | 31.8 | 36.8   | 58.5  | 80.2   |
| 40°    | 12.5   | 14.2 | 15.0   | 16.7 | 17.5   | 22.6 | 27.6   | 32.6 | 37.6   | 59.3  | 81.0   |
| 42.5°  | 12.5   | 14.2 | 15.0   | 16.7 | 17.5   | 21.7 | 26.7   | 30.9 | 35.1   | 59.3  | 83.6   |
| 45°    | 12.5   | 14.2 | 15.9   | 16.7 | 18.4   | 22.6 | 26.7   | 30.1 | 34.3   | 65.2  | 95.3   |
| 47.5°  | 12.5   | 14.2 | 15.9   | 16.7 | 18.4   | 22.6 | 26.7   | 30.9 | 35.1   | 86.1  | 136.2  |
| 50°    | 12.5   | 14.2 | 15.9   | 16.7 | 18.4   | 23.4 | 28.4   | 33.4 | 38.4   | 128.7 | 218.9  |
| 52.5°  | 13.4   | 14.2 | 15.9   | 16.7 | 17.5   | 23.4 | 29.2   | 35.1 | 40.9   | 167.1 | 292.4  |
| 55°    | 14.2   | 15.0 | 15.9   | 16.7 | 17.5   | 25.1 | 32.6   | 40.1 | 47.6   | 179.6 | 310.8  |
| 57.5°  | 15.0   | 15.9 | 16.7   | 16.7 | 17.5   | 26.7 | 36.8   | 46.0 | 55.1   | 178.8 | 301.6  |
| 60°    | 15.9   | 16.7 | 17.5   | 18.4 | 19.2   | 28.4 | 38.4   | 47.6 | 56.8   | 162.1 | 267.4  |
| 62.5°  | 17.5   | 19.2 | 20.9   | 21.7 | 23.4   | 32.6 | 40.9   | 50.1 | 58.5   | 132.9 | 206.4  |
| 65°    | 20.1   | 21.7 | 22.6   | 24.2 | 25.1   | 33.4 | 42.6   | 51.0 | 59.3   | 110.3 | 160.4  |
| 67.5°  | 20.9   | 22.6 | 23.4   | 25.1 | 25.9   | 34.3 | 42.6   | 51.0 | 59.3   | 93.6  | 127.0  |
| 70°    | 20.9   | 22.6 | 24.2   | 25.1 | 26.7   | 35.1 | 42.6   | 51.0 | 58.5   | 81.0  | 103.6  |
| 72.5°  | 19.2   | 21.7 | 23.4   | 25.9 | 27.6   | 35.1 | 41.8   | 49.3 | 56.0   | 71.9  | 87.7   |
| 75°    | 18.4   | 21.7 | 24.2   | 27.6 | 30.1   | 35.1 | 40.9   | 46.0 | 51.0   | 62.7  | 74.4   |
| 77.5°  | 16.7   | 20.9 | 25.1   | 29.2 | 33.4   | 36.8 | 39.3   | 42.6 | 45.1   | 52.6  | 60.2   |
| 80°    | 15.9   | 20.1 | 24.2   | 28.4 | 32.6   | 34.3 | 35.1   | 36.8 | 37.6   | 38.4  | 39.3   |
| 82.5°  | 12.5   | 15.9 | 19.2   | 21.7 | 25.1   | 23.4 | 22.6   | 20.9 | 19.2   | 18.4  | 17.5   |
| 85°    | 5.8    | 6.7  | 6.7    | 7.5  | 7.5    | 7.5  | 6.7    | 6.7  | 5.8    | 5.0   | 4.2    |
| 87.5°  | 0.8    | 0.8  | 0.8    | 0.8  | 0.8    | 0.8  | 0.8    | 0.8  | 0.8    | 0.8   | 0.8    |
| 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: P1067677

CATALOG NUMBER: NAV-SA1A-727-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: P1067677

CATALOG NUMBER: NAV-SA1A-727-U-RBC

**CANDELA DISTRIBUTION (continued):**

|        | 275°  | 277.5° | 280°   | 282.5° | 285°   | 287.5° | 290°   | 292.5° | 295°   | 297.5° | 300°   |
|--------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 7.5   | 7.5    | 7.5    | 7.5    | 7.5    | 7.5    | 7.5    | 7.5    | 7.5    | 7.5    | 7.5    |
| 2.5°   | 11.7  | 11.7   | 11.7   | 11.7   | 10.9   | 10.9   | 10.9   | 10.9   | 10.0   | 10.0   | 10.0   |
| 5°     | 13.4  | 13.4   | 13.4   | 13.4   | 12.5   | 12.5   | 12.5   | 12.5   | 11.7   | 11.7   | 11.7   |
| 7.5°   | 14.2  | 14.2   | 14.2   | 14.2   | 14.2   | 14.2   | 14.2   | 14.2   | 14.2   | 14.2   | 14.2   |
| 10°    | 15.9  | 15.9   | 15.9   | 16.7   | 16.7   | 16.7   | 16.7   | 16.7   | 16.7   | 16.7   | 16.7   |
| 12.5°  | 17.5  | 17.5   | 18.4   | 18.4   | 19.2   | 19.2   | 20.1   | 20.1   | 20.9   | 20.9   | 20.9   |
| 15°    | 19.2  | 20.1   | 20.9   | 21.7   | 21.7   | 22.6   | 23.4   | 24.2   | 25.1   | 25.9   | 26.7   |
| 17.5°  | 22.6  | 23.4   | 25.1   | 26.7   | 28.4   | 30.1   | 32.6   | 35.9   | 38.4   | 40.9   | 44.3   |
| 20°    | 25.1  | 27.6   | 32.6   | 38.4   | 43.4   | 48.5   | 61.0   | 73.5   | 86.1   | 98.6   | 111.1  |
| 22.5°  | 30.1  | 35.1   | 51.8   | 69.4   | 86.1   | 102.8  | 142.0  | 181.3  | 219.7  | 259.0  | 294.1  |
| 25°    | 40.1  | 51.0   | 89.4   | 127.8  | 165.4  | 203.9  | 274.1  | 345.1  | 415.3  | 485.5  | 550.6  |
| 27.5°  | 55.1  | 75.2   | 137.9  | 201.4  | 264.0  | 326.7  | 428.6  | 531.4  | 633.3  | 736.1  | 827.2  |
| 30°    | 76.9  | 109.5  | 203.0  | 297.5  | 391.0  | 484.6  | 613.3  | 742.8  | 871.5  | 1000.1 | 1083.7 |
| 32.5°  | 104.4 | 152.9  | 271.6  | 390.2  | 508.8  | 627.5  | 769.5  | 911.6  | 1052.8 | 1194.8 | 1283.4 |
| 35°    | 133.7 | 195.5  | 338.4  | 482.1  | 625.0  | 768.7  | 918.3  | 1067.8 | 1217.4 | 1366.9 | 1475.6 |
| 37.5°  | 150.4 | 220.6  | 390.2  | 559.8  | 728.6  | 898.2  | 1062.0 | 1226.6 | 1390.3 | 1554.1 | 1686.1 |
| 40°    | 166.3 | 250.7  | 446.2  | 641.7  | 837.2  | 1032.7 | 1224.1 | 1415.4 | 1606.7 | 1798.1 | 1967.7 |
| 42.5°  | 189.7 | 295.8  | 523.9  | 752.0  | 979.3  | 1207.4 | 1458.9 | 1711.2 | 1962.7 | 2214.2 | 2474.9 |
| 45°    | 238.1 | 381.0  | 676.8  | 972.6  | 1267.5 | 1563.3 | 1920.1 | 2277.7 | 2634.5 | 2992.1 | 3326.3 |
| 47.5°  | 355.1 | 573.2  | 976.8  | 1380.3 | 1783.9 | 2187.5 | 2598.5 | 3009.6 | 3420.7 | 3831.8 | 4229.5 |
| 50°    | 549.8 | 879.8  | 1384.5 | 1889.2 | 2393.0 | 2897.7 | 3307.9 | 3718.2 | 4127.6 | 4537.8 | 4933.0 |
| 52.5°  | 732.8 | 1173.1 | 1715.4 | 2258.5 | 2800.7 | 3343.8 | 3707.3 | 4070.8 | 4434.2 | 4797.7 | 5180.4 |
| 55°    | 795.4 | 1279.2 | 1828.2 | 2378.0 | 2926.9 | 3476.7 | 3826.8 | 4177.7 | 4527.8 | 4877.9 | 5274.8 |
| 57.5°  | 740.3 | 1179.0 | 1732.1 | 2285.2 | 2837.5 | 3390.6 | 3781.7 | 4173.5 | 4564.6 | 4956.4 | 5381.7 |
| 60°    | 620.0 | 971.7  | 1552.4 | 2134.0 | 2714.7 | 3295.4 | 3736.5 | 4177.7 | 4618.9 | 5060.1 | 5484.5 |
| 62.5°  | 491.3 | 775.4  | 1390.3 | 2005.3 | 2620.3 | 3235.2 | 3683.9 | 4133.4 | 4582.1 | 5030.8 | 5356.7 |
| 65°    | 376.8 | 593.2  | 1198.2 | 1803.9 | 2408.9 | 3014.6 | 3382.3 | 3750.8 | 4118.4 | 4486.9 | 4712.5 |
| 67.5°  | 279.9 | 432.8  | 961.7  | 1491.4 | 2020.3 | 2549.2 | 2820.0 | 3091.5 | 3362.2 | 3633.8 | 3809.2 |
| 70°    | 206.4 | 308.3  | 668.4  | 1028.6 | 1387.8 | 1748.0 | 1996.1 | 2244.3 | 2491.6 | 2739.7 | 2921.9 |
| 72.5°  | 142.9 | 197.2  | 412.8  | 629.2  | 844.7  | 1060.3 | 1311.8 | 1563.3 | 1814.0 | 2065.5 | 2272.7 |
| 75°    | 97.8  | 121.2  | 222.3  | 323.4  | 424.5  | 525.6  | 716.1  | 906.6  | 1097.1 | 1287.6 | 1397.0 |
| 77.5°  | 72.7  | 85.2   | 115.3  | 146.2  | 176.3  | 206.4  | 243.1  | 279.9  | 316.7  | 353.4  | 401.1  |
| 80°    | 40.1  | 40.1   | 44.3   | 47.6   | 51.8   | 55.1   | 65.2   | 76.0   | 86.1   | 96.9   | 110.3  |
| 82.5°  | 18.4  | 19.2   | 20.9   | 22.6   | 23.4   | 25.1   | 26.7   | 28.4   | 30.1   | 31.8   | 31.8   |
| 85°    | 5.0   | 5.8    | 5.8    | 5.0    | 5.0    | 4.2    | 4.2    | 5.0    | 5.0    | 5.0    | 5.0    |
| 87.5°  | 0.8   | 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: P1067677

CATALOG NUMBER: NAV-SA1A-727-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: P1067677

CATALOG NUMBER: NAV-SA1A-727-U-RBC

**CANDELA DISTRIBUTION (continued):**

|        | 302.5° | 305°   | 307.5° | 310°   | 312.5° | 315°   | 317.5° | 320°   | 322.5° | 325°   | 327.5° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 7.5    | 7.5    | 7.5    | 7.5    | 7.5    | 7.5    | 7.5    | 7.5    | 7.5    | 7.5    | 7.5    |
| 2.5°   | 10.0   | 9.2    | 9.2    | 9.2    | 8.4    | 8.4    | 8.4    | 8.4    | 8.4    | 8.4    | 8.4    |
| 5°     | 11.7   | 11.7   | 11.7   | 11.7   | 10.9   | 10.9   | 10.9   | 10.9   | 10.9   | 10.0   | 10.0   |
| 7.5°   | 14.2   | 13.4   | 13.4   | 13.4   | 13.4   | 13.4   | 13.4   | 13.4   | 13.4   | 12.5   | 12.5   |
| 10°    | 16.7   | 16.7   | 16.7   | 16.7   | 16.7   | 16.7   | 16.7   | 16.7   | 16.7   | 15.9   | 15.9   |
| 12.5°  | 20.9   | 20.9   | 20.9   | 20.9   | 21.7   | 21.7   | 20.9   | 20.9   | 20.9   | 20.1   | 20.1   |
| 15°    | 27.6   | 28.4   | 29.2   | 29.2   | 30.1   | 30.1   | 30.1   | 29.2   | 29.2   | 28.4   | 27.6   |
| 17.5°  | 46.8   | 49.3   | 52.6   | 56.0   | 59.3   | 61.8   | 61.8   | 60.2   | 58.5   | 56.8   | 55.1   |
| 20°    | 124.5  | 137.0  | 150.4  | 163.8  | 178.0  | 188.0  | 181.3  | 176.3  | 171.3  | 165.4  | 160.4  |
| 22.5°  | 330.0  | 365.1  | 401.1  | 426.1  | 451.2  | 468.7  | 454.5  | 427.0  | 399.4  | 372.7  | 345.1  |
| 25°    | 615.8  | 680.1  | 745.3  | 772.0  | 799.6  | 819.7  | 810.5  | 768.7  | 726.9  | 686.0  | 644.2  |
| 27.5°  | 918.3  | 1008.5 | 1099.6 | 1123.0 | 1146.4 | 1163.9 | 1160.6 | 1106.3 | 1051.9 | 997.6  | 943.3  |
| 30°    | 1167.3 | 1250.8 | 1334.4 | 1357.8 | 1381.2 | 1397.0 | 1379.5 | 1325.2 | 1270.9 | 1216.6 | 1162.2 |
| 32.5°  | 1372.8 | 1461.4 | 1550.8 | 1581.7 | 1612.6 | 1633.5 | 1612.6 | 1547.4 | 1482.3 | 1417.9 | 1352.7 |
| 35°    | 1584.2 | 1692.0 | 1800.6 | 1839.9 | 1879.1 | 1904.2 | 1869.1 | 1788.9 | 1708.7 | 1629.3 | 1549.1 |
| 37.5°  | 1818.1 | 1949.3 | 2081.3 | 2134.8 | 2189.1 | 2226.7 | 2200.0 | 2099.7 | 1998.6 | 1898.4 | 1797.3 |
| 40°    | 2138.2 | 2307.8 | 2478.2 | 2574.3 | 2669.6 | 2737.2 | 2689.6 | 2573.5 | 2456.5 | 2340.4 | 2223.4 |
| 42.5°  | 2736.4 | 2997.1 | 3257.8 | 3395.6 | 3532.7 | 3632.1 | 3578.6 | 3435.8 | 3292.9 | 3150.0 | 3007.1 |
| 45°    | 3660.5 | 3993.9 | 4328.1 | 4529.5 | 4731.7 | 4880.4 | 4818.6 | 4638.9 | 4458.5 | 4278.8 | 4099.2 |
| 47.5°  | 4627.2 | 5025.0 | 5422.7 | 5583.1 | 5744.4 | 5869.7 | 5854.7 | 5630.7 | 5406.8 | 5183.7 | 4959.8 |
| 50°    | 5329.1 | 5724.3 | 6119.5 | 6257.4 | 6396.1 | 6498.9 | 6460.4 | 6175.5 | 5889.7 | 5604.8 | 5319.1 |
| 52.5°  | 5563.0 | 5944.9 | 6327.6 | 6492.2 | 6656.8 | 6779.6 | 6732.8 | 6412.0 | 6091.1 | 5771.1 | 5450.2 |
| 55°    | 5671.7 | 6068.6 | 6465.4 | 6666.0 | 6867.3 | 7014.4 | 6946.7 | 6594.9 | 6242.3 | 5890.6 | 5538.0 |
| 57.5°  | 5807.0 | 6232.3 | 6657.6 | 6877.4 | 7097.1 | 7255.9 | 7165.6 | 6801.3 | 6437.0 | 6073.6 | 5709.3 |
| 60°    | 5909.0 | 6332.6 | 6757.0 | 6933.3 | 7110.5 | 7234.1 | 7147.2 | 6793.0 | 6437.9 | 6083.6 | 5729.3 |
| 62.5°  | 5683.4 | 6009.2 | 6335.1 | 6466.3 | 6597.5 | 6692.7 | 6643.4 | 6307.5 | 5971.6 | 5635.7 | 5299.9 |
| 65°    | 4938.9 | 5164.5 | 5390.9 | 5479.5 | 5567.2 | 5634.9 | 5619.9 | 5336.6 | 5053.4 | 4771.0 | 4487.7 |
| 67.5°  | 3985.5 | 4161.0 | 4337.3 | 4462.6 | 4588.8 | 4686.6 | 4675.7 | 4417.5 | 4159.3 | 3901.2 | 3643.0 |
| 70°    | 3104.9 | 3287.0 | 3469.2 | 3627.1 | 3785.8 | 3908.7 | 3892.8 | 3653.0 | 3412.4 | 3172.6 | 2931.9 |
| 72.5°  | 2480.7 | 2687.9 | 2895.2 | 2985.4 | 3075.6 | 3139.1 | 3092.3 | 2911.0 | 2728.9 | 2547.6 | 2365.4 |
| 75°    | 1506.5 | 1615.1 | 1724.6 | 1723.7 | 1723.7 | 1713.7 | 1666.9 | 1563.3 | 1459.7 | 1356.1 | 1252.5 |
| 77.5°  | 448.7  | 496.3  | 543.9  | 589.9  | 636.7  | 671.8  | 662.6  | 608.3  | 553.1  | 498.8  | 443.7  |
| 80°    | 123.7  | 136.2  | 149.6  | 155.4  | 161.3  | 168.8  | 188.0  | 174.6  | 161.3  | 148.7  | 135.4  |
| 82.5°  | 31.8   | 31.8   | 31.8   | 30.9   | 30.1   | 28.4   | 25.9   | 24.2   | 22.6   | 20.9   | 19.2   |
| 85°    | 5.0    | 4.2    | 4.2    | 4.2    | 3.3    | 3.3    | 3.3    | 3.3    | 2.5    | 2.5    | 1.7    |
| 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: P1067677

CATALOG NUMBER: NAV-SA1A-727-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: P1067677

CATALOG NUMBER: NAV-SA1A-727-U-RBC

**CANDELA DISTRIBUTION (continued):**

|        | 330°   | 332.5° | 335°   | 337.5° | 340°   | 342.5° | 345°   | 347.5° | 350°   | 352.5° | 355°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 7.5    | 7.5    | 7.5    | 7.5    | 7.5    | 7.5    | 7.5    | 7.5    | 7.5    | 7.5    | 7.5    |
| 2.5°   | 8.4    | 8.4    | 7.5    | 7.5    | 7.5    | 7.5    | 7.5    | 7.5    | 7.5    | 7.5    | 6.7    |
| 5°     | 10.0   | 10.0   | 9.2    | 9.2    | 9.2    | 9.2    | 9.2    | 9.2    | 9.2    | 9.2    | 8.4    |
| 7.5°   | 12.5   | 12.5   | 11.7   | 11.7   | 11.7   | 11.7   | 10.9   | 10.9   | 10.9   | 10.9   | 10.0   |
| 10°    | 15.9   | 15.0   | 15.0   | 14.2   | 14.2   | 14.2   | 13.4   | 13.4   | 13.4   | 12.5   | 12.5   |
| 12.5°  | 20.1   | 19.2   | 19.2   | 18.4   | 17.5   | 17.5   | 16.7   | 15.9   | 15.0   | 15.0   | 14.2   |
| 15°    | 26.7   | 25.9   | 25.1   | 24.2   | 23.4   | 21.7   | 20.9   | 19.2   | 18.4   | 17.5   | 16.7   |
| 17.5°  | 51.0   | 46.8   | 42.6   | 38.4   | 35.1   | 31.8   | 28.4   | 25.1   | 23.4   | 21.7   | 20.1   |
| 20°    | 142.0  | 122.8  | 104.4  | 86.1   | 74.4   | 62.7   | 51.0   | 39.3   | 34.3   | 30.1   | 25.1   |
| 22.5°  | 307.5  | 269.0  | 231.4  | 193.0  | 162.1  | 132.0  | 101.1  | 70.2   | 58.5   | 47.6   | 35.9   |
| 25°    | 571.5  | 498.0  | 425.3  | 351.8  | 293.3  | 234.8  | 176.3  | 117.8  | 96.1   | 74.4   | 52.6   |
| 27.5°  | 848.1  | 752.8  | 657.6  | 562.3  | 469.6  | 376.0  | 282.4  | 189.7  | 152.1  | 115.3  | 77.7   |
| 30°    | 1061.1 | 960.0  | 859.8  | 758.7  | 641.7  | 524.7  | 406.9  | 289.9  | 230.6  | 171.3  | 111.1  |
| 32.5°  | 1244.1 | 1134.7 | 1026.0 | 916.6  | 781.2  | 645.9  | 510.5  | 375.2  | 300.8  | 226.4  | 151.2  |
| 35°    | 1425.4 | 1300.9 | 1177.3 | 1052.8 | 907.4  | 762.0  | 616.6  | 471.2  | 376.8  | 282.4  | 187.2  |
| 37.5°  | 1646.0 | 1494.0 | 1342.7 | 1191.5 | 1041.9 | 893.2  | 743.6  | 594.1  | 473.8  | 354.3  | 234.0  |
| 40°    | 2030.4 | 1836.5 | 1643.5 | 1449.7 | 1275.0 | 1101.2 | 926.6  | 752.0  | 600.8  | 449.5  | 297.5  |
| 42.5°  | 2764.0 | 2520.8 | 2278.5 | 2035.4 | 1793.9 | 1552.4 | 1310.1 | 1068.7 | 853.1  | 638.4  | 422.8  |
| 45°    | 3787.5 | 3475.9 | 3165.0 | 2853.4 | 2555.9 | 2259.3 | 1961.9 | 1664.4 | 1336.9 | 1009.3 | 681.0  |
| 47.5°  | 4618.9 | 4277.1 | 3936.2 | 3594.5 | 3264.5 | 2935.3 | 2605.2 | 2275.2 | 1855.7 | 1437.1 | 1017.7 |
| 50°    | 4994.0 | 4668.2 | 4343.2 | 4017.3 | 3686.4 | 3354.7 | 3023.0 | 2692.1 | 2210.8 | 1730.4 | 1249.1 |
| 52.5°  | 5120.2 | 4789.3 | 4459.3 | 4128.4 | 3800.1 | 3471.7 | 3143.3 | 2814.9 | 2314.5 | 1814.8 | 1314.3 |
| 55°    | 5189.6 | 4840.3 | 4491.9 | 4142.6 | 3789.2 | 3434.9 | 3080.6 | 2727.2 | 2229.2 | 1732.1 | 1234.1 |
| 57.5°  | 5329.9 | 4949.8 | 4570.4 | 4190.2 | 3787.5 | 3384.8 | 2981.2 | 2578.5 | 2087.2 | 1595.9 | 1104.6 |
| 60°    | 5355.8 | 4981.5 | 4608.0 | 4234.5 | 3789.2 | 3343.8 | 2897.7 | 2452.3 | 1964.4 | 1477.2 | 989.3  |
| 62.5°  | 4987.4 | 4674.9 | 4363.2 | 4050.7 | 3604.5 | 3158.4 | 2711.3 | 2265.2 | 1798.1 | 1331.0 | 863.1  |
| 65°    | 4217.8 | 3947.9 | 3678.9 | 3409.0 | 3044.7 | 2681.3 | 2317.0 | 1952.7 | 1535.7 | 1119.6 | 702.7  |
| 67.5°  | 3378.9 | 3114.9 | 2851.7 | 2587.7 | 2313.6 | 2040.4 | 1766.3 | 1492.3 | 1170.6 | 848.9  | 527.2  |
| 70°    | 2678.8 | 2424.7 | 2171.6 | 1917.6 | 1675.3 | 1432.1 | 1189.0 | 946.7  | 747.0  | 548.1  | 348.4  |
| 72.5°  | 2123.1 | 1880.0 | 1637.7 | 1394.5 | 1174.8 | 955.0  | 735.3  | 515.5  | 416.1  | 317.5  | 218.1  |
| 75°    | 1126.3 | 1000.1 | 874.8  | 748.6  | 625.0  | 500.5  | 376.0  | 252.3  | 213.1  | 173.8  | 133.7  |
| 77.5°  | 388.5  | 333.4  | 279.1  | 223.9  | 186.3  | 148.7  | 111.1  | 73.5   | 69.4   | 66.0   | 61.8   |
| 80°    | 117.8  | 100.3  | 82.7   | 65.2   | 57.7   | 50.1   | 42.6   | 35.1   | 32.6   | 30.1   | 26.7   |
| 82.5°  | 18.4   | 16.7   | 15.9   | 14.2   | 13.4   | 13.4   | 12.5   | 11.7   | 10.0   | 9.2    | 7.5    |
| 85°    | 1.7    | 0.8    | 0.8    | 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: P1067677

CATALOG NUMBER: NAV-SA1A-727-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: P1067677

CATALOG NUMBER: NAV-SA1A-727-U-RBC

**CANDELA DISTRIBUTION (continued):**

|        | 357.5° | 360°  |
|--------|--------|-------|
| 0°     | 7.5    | 7.5   |
| 2.5°   | 6.7    | 6.7   |
| 5°     | 8.4    | 8.4   |
| 7.5°   | 10.0   | 10.0  |
| 10°    | 11.7   | 11.7  |
| 12.5°  | 13.4   | 13.4  |
| 15°    | 15.9   | 15.0  |
| 17.5°  | 18.4   | 17.5  |
| 20°    | 20.1   | 18.4  |
| 22.5°  | 24.2   | 20.9  |
| 25°    | 30.9   | 25.9  |
| 27.5°  | 40.1   | 31.8  |
| 30°    | 51.8   | 40.1  |
| 32.5°  | 76.9   | 56.0  |
| 35°    | 92.7   | 67.7  |
| 37.5°  | 113.6  | 78.5  |
| 40°    | 146.2  | 95.3  |
| 42.5°  | 207.2  | 129.5 |
| 45°    | 353.4  | 214.7 |
| 47.5°  | 599.1  | 366.0 |
| 50°    | 767.9  | 469.6 |
| 52.5°  | 814.7  | 498.0 |
| 55°    | 736.9  | 457.0 |
| 57.5°  | 613.3  | 388.5 |
| 60°    | 502.2  | 320.0 |
| 62.5°  | 396.0  | 253.2 |
| 65°    | 285.8  | 191.3 |
| 67.5°  | 205.5  | 147.1 |
| 70°    | 149.6  | 115.3 |
| 72.5°  | 118.6  | 96.1  |
| 75°    | 94.4   | 80.2  |
| 77.5°  | 58.5   | 53.5  |
| 80°    | 24.2   | 22.6  |
| 82.5°  | 5.8    | 5.0   |
| 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: P1067677

CATALOG NUMBER: NAV-SA1A-727-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: SP1-2407-184-3

Test Date: 10/09/2024

Luminaire Tested: GSS-SB1A-727-U-5WQ

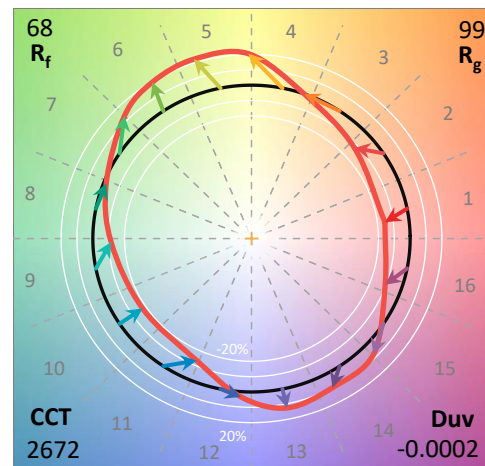
Data in this report applies to families of products including GSS-SB1A-727-U-5WQ

### Test Information

Test Method: LM-79-2019  
 Report Number: SP1-2407-184-3  
 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-727-U-5WQ**  
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 70 CRI  
 2700K CCT 26 LEDS

### Spectral Parameters

|                           |          |           |      |      |       |
|---------------------------|----------|-----------|------|------|-------|
| CCT (K):                  | 2672     | CRI (Ra): | 71.1 |      |       |
| CIE u':                   | 0.2638   | R1:       | 68.3 | R9:  | -27.8 |
| CIE v':                   | 0.5276   | R2:       | 79.8 | R10: | 54.4  |
| Duv:                      | -0.0002  | R3:       | 91.2 | R11: | 65.8  |
| CIE x:                    | 0.4619   | R4:       | 69.4 | R12: | 45.6  |
| CIE y:                    | 0.4106   | R5:       | 66.5 | R13: | 69.8  |
| CIE z:                    | 0.1275   | R6:       | 72.6 | R14: | 94.5  |
| Peak Wavelength (nm):     | 601      | R7:       | 77.0 | R15: | 60.1  |
| Dominant Wavelength (nm): | 584      | R8:       | 44.1 |      |       |
| Purity:                   | 61.88407 |           |      |      |       |
| Rf:                       | 67.9     |           |      |      |       |
| Rg:                       | 98.6     |           |      |      |       |



### Test Conditions

Stabilization Time: 21M  
 Operation Time: 1H 21M  
 Sphere Temperature (°C): 25.2

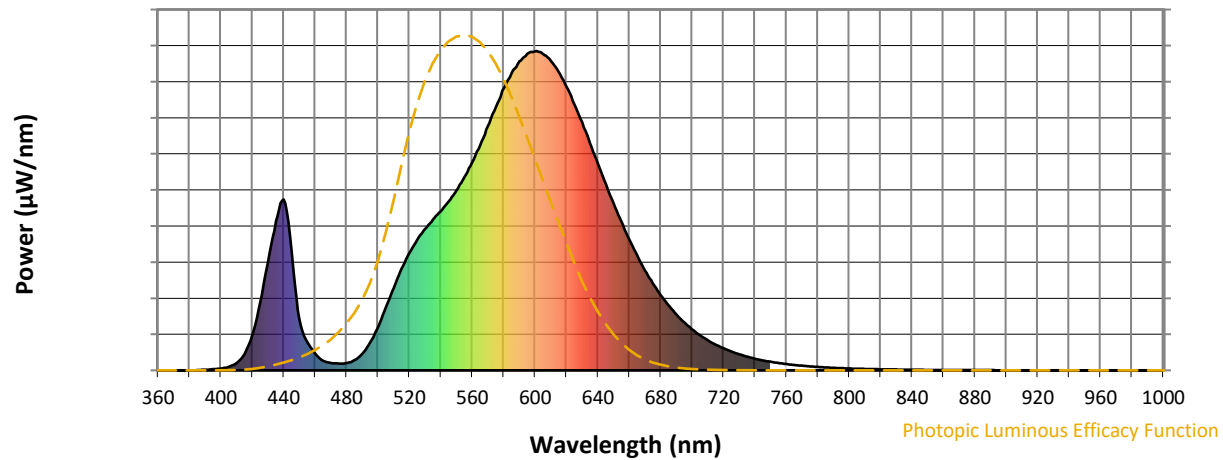
REPORT NUMBER: SP1-2407-184-3

| 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: SP1-2407-184-3

### Photopic Flux vs. Wavelength

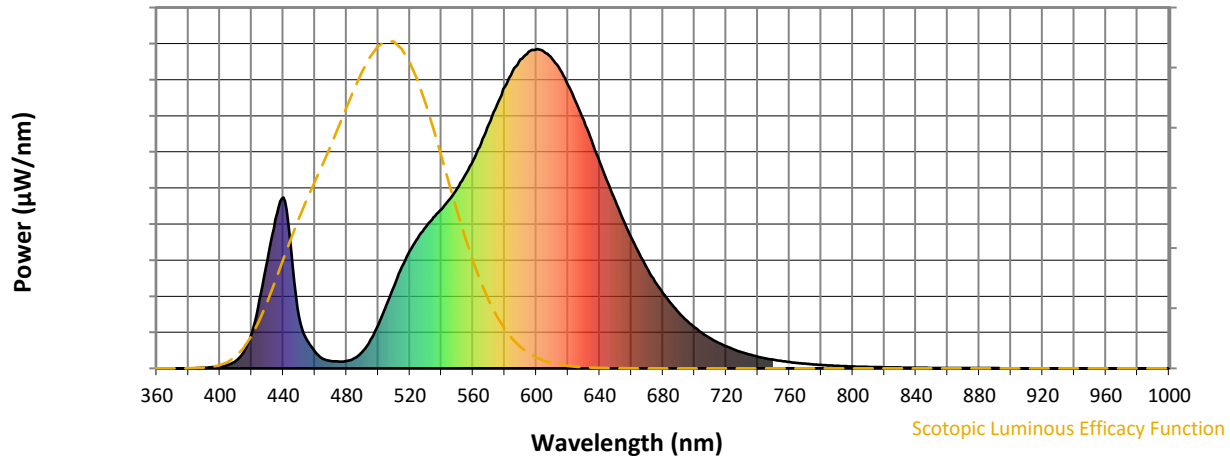


### Photopic Lumens: NR

| $\lambda$<br>(nm) | Power<br>$\text{W}/\text{nm}$ | Lumens<br>( $\phi/\text{nm}$ ) | $\lambda$<br>(nm) | Power<br>$\text{W}/\text{nm}$ | Lumens<br>( $\phi/\text{nm}$ ) | $\lambda$<br>(nm) | Power<br>$\text{W}/\text{nm}$ | Lumens<br>( $\phi/\text{nm}$ ) | $\lambda$<br>(nm) | Power<br>$\text{W}/\text{nm}$ | Lumens<br>( $\phi/\text{nm}$ ) | $\lambda$<br>(nm) | Power<br>$\text{W}/\text{nm}$ | Lumens<br>( $\phi/\text{nm}$ ) |
|-------------------|-------------------------------|--------------------------------|-------------------|-------------------------------|--------------------------------|-------------------|-------------------------------|--------------------------------|-------------------|-------------------------------|--------------------------------|-------------------|-------------------------------|--------------------------------|
| 360               | 0                             | NR                             | 490               | 52                            | NR                             | 620               | 888                           | NR                             | 750               | 27                            | NR                             | 880               | 1                             | NR                             |
| 365               | 0                             | NR                             | 495               | 87                            | NR                             | 625               | 834                           | NR                             | 755               | 23                            | NR                             | 885               | 1                             | NR                             |
| 370               | 0                             | NR                             | 500               | 135                           | NR                             | 630               | 776                           | NR                             | 760               | 20                            | NR                             | 890               | 1                             | NR                             |
| 375               | 0                             | NR                             | 505               | 196                           | NR                             | 635               | 712                           | NR                             | 765               | 17                            | NR                             | 895               | 0                             | NR                             |
| 380               | 0                             | NR                             | 510               | 258                           | NR                             | 640               | 648                           | NR                             | 770               | 15                            | NR                             | 900               | 0                             | NR                             |
| 385               | 1                             | NR                             | 515               | 317                           | NR                             | 645               | 583                           | NR                             | 775               | 12                            | NR                             | 905               | 0                             | NR                             |
| 390               | 2                             | NR                             | 520               | 368                           | NR                             | 650               | 523                           | NR                             | 780               | 11                            | NR                             | 910               | 0                             | NR                             |
| 395               | 4                             | NR                             | 525               | 408                           | NR                             | 655               | 465                           | NR                             | 785               | 9                             | NR                             | 915               | 0                             | NR                             |
| 400               | 6                             | NR                             | 530               | 443                           | NR                             | 660               | 410                           | NR                             | 790               | 8                             | NR                             | 920               | 0                             | NR                             |
| 405               | 11                            | NR                             | 535               | 473                           | NR                             | 665               | 360                           | NR                             | 795               | 7                             | NR                             | 925               | 0                             | NR                             |
| 410               | 23                            | NR                             | 540               | 498                           | NR                             | 670               | 313                           | NR                             | 800               | 6                             | NR                             | 930               | 0                             | NR                             |
| 415               | 51                            | NR                             | 545               | 530                           | NR                             | 675               | 272                           | NR                             | 805               | 5                             | NR                             | 935               | 0                             | NR                             |
| 420               | 111                           | NR                             | 550               | 563                           | NR                             | 680               | 236                           | NR                             | 810               | 4                             | NR                             | 940               | 0                             | NR                             |
| 425               | 214                           | NR                             | 555               | 605                           | NR                             | 685               | 203                           | NR                             | 815               | 4                             | NR                             | 945               | 0                             | NR                             |
| 430               | 339                           | NR                             | 560               | 651                           | NR                             | 690               | 175                           | NR                             | 820               | 3                             | NR                             | 950               | 0                             | NR                             |
| 435               | 467                           | NR                             | 565               | 705                           | NR                             | 695               | 150                           | NR                             | 825               | 3                             | NR                             | 955               | 0                             | NR                             |
| 440               | 535                           | NR                             | 570               | 765                           | NR                             | 700               | 128                           | NR                             | 830               | 3                             | NR                             | 960               | 0                             | NR                             |
| 445               | 372                           | NR                             | 575               | 824                           | NR                             | 705               | 110                           | NR                             | 835               | 2                             | NR                             | 965               | 0                             | NR                             |
| 450               | 160                           | NR                             | 580               | 882                           | NR                             | 710               | 94                            | NR                             | 840               | 2                             | NR                             | 970               | 0                             | NR                             |
| 455               | 89                            | NR                             | 585               | 930                           | NR                             | 715               | 80                            | NR                             | 845               | 2                             | NR                             | 975               | 0                             | NR                             |
| 460               | 53                            | NR                             | 590               | 968                           | NR                             | 720               | 69                            | NR                             | 850               | 1                             | NR                             | 980               | 0                             | NR                             |
| 465               | 31                            | NR                             | 595               | 991                           | NR                             | 725               | 59                            | NR                             | 855               | 1                             | NR                             | 985               | 0                             | NR                             |
| 470               | 23                            | NR                             | 600               | 999                           | NR                             | 730               | 50                            | NR                             | 860               | 1                             | NR                             | 990               | 0                             | NR                             |
| 475               | 21                            | NR                             | 605               | 992                           | NR                             | 735               | 43                            | NR                             | 865               | 1                             | NR                             | 995               | 0                             | NR                             |
| 480               | 23                            | NR                             | 610               | 969                           | NR                             | 740               | 36                            | NR                             | 870               | 1                             | NR                             | 1000              | 0                             | NR                             |
| 485               | 32                            | NR                             | 615               | 935                           | NR                             | 745               | 31                            | NR                             | 875               | 1                             | NR                             |                   |                               |                                |

REPORT NUMBER: SP1-2407-184-3

### Scotopic Flux vs. Wavelength



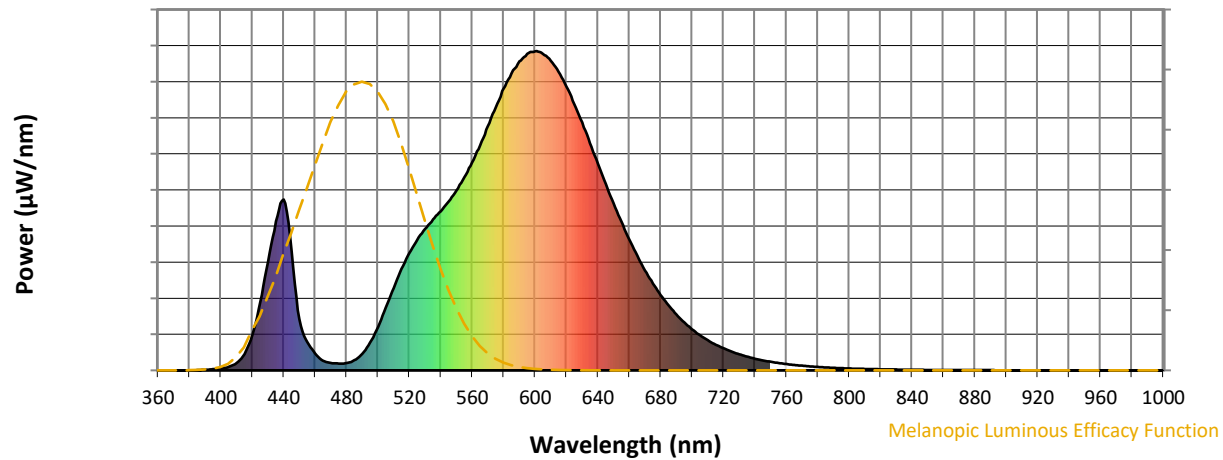
Scotopic Lumens: NR

S/P: 1.02

| $\lambda$<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               | 52                                   | NR                             | 620               | 888                                  | NR                             | 750               | 27                                   | NR                             | 880               | 1                                    | NR                             |
| 365               | 0                                    | NR                             | 495               | 87                                   | NR                             | 625               | 834                                  | NR                             | 755               | 23                                   | NR                             | 885               | 1                                    | NR                             |
| 370               | 0                                    | NR                             | 500               | 135                                  | NR                             | 630               | 776                                  | NR                             | 760               | 20                                   | NR                             | 890               | 1                                    | NR                             |
| 375               | 0                                    | NR                             | 505               | 196                                  | NR                             | 635               | 712                                  | NR                             | 765               | 17                                   | NR                             | 895               | 0                                    | NR                             |
| 380               | 0                                    | NR                             | 510               | 258                                  | NR                             | 640               | 648                                  | NR                             | 770               | 15                                   | NR                             | 900               | 0                                    | NR                             |
| 385               | 1                                    | NR                             | 515               | 317                                  | NR                             | 645               | 583                                  | NR                             | 775               | 12                                   | NR                             | 905               | 0                                    | NR                             |
| 390               | 2                                    | NR                             | 520               | 368                                  | NR                             | 650               | 523                                  | NR                             | 780               | 11                                   | NR                             | 910               | 0                                    | NR                             |
| 395               | 4                                    | NR                             | 525               | 408                                  | NR                             | 655               | 465                                  | NR                             | 785               | 9                                    | NR                             | 915               | 0                                    | NR                             |
| 400               | 6                                    | NR                             | 530               | 443                                  | NR                             | 660               | 410                                  | NR                             | 790               | 8                                    | NR                             | 920               | 0                                    | NR                             |
| 405               | 11                                   | NR                             | 535               | 473                                  | NR                             | 665               | 360                                  | NR                             | 795               | 7                                    | NR                             | 925               | 0                                    | NR                             |
| 410               | 23                                   | NR                             | 540               | 498                                  | NR                             | 670               | 313                                  | NR                             | 800               | 6                                    | NR                             | 930               | 0                                    | NR                             |
| 415               | 51                                   | NR                             | 545               | 530                                  | NR                             | 675               | 272                                  | NR                             | 805               | 5                                    | NR                             | 935               | 0                                    | NR                             |
| 420               | 111                                  | NR                             | 550               | 563                                  | NR                             | 680               | 236                                  | NR                             | 810               | 4                                    | NR                             | 940               | 0                                    | NR                             |
| 425               | 214                                  | NR                             | 555               | 605                                  | NR                             | 685               | 203                                  | NR                             | 815               | 4                                    | NR                             | 945               | 0                                    | NR                             |
| 430               | 339                                  | NR                             | 560               | 651                                  | NR                             | 690               | 175                                  | NR                             | 820               | 3                                    | NR                             | 950               | 0                                    | NR                             |
| 435               | 467                                  | NR                             | 565               | 705                                  | NR                             | 695               | 150                                  | NR                             | 825               | 3                                    | NR                             | 955               | 0                                    | NR                             |
| 440               | 535                                  | NR                             | 570               | 765                                  | NR                             | 700               | 128                                  | NR                             | 830               | 3                                    | NR                             | 960               | 0                                    | NR                             |
| 445               | 372                                  | NR                             | 575               | 824                                  | NR                             | 705               | 110                                  | NR                             | 835               | 2                                    | NR                             | 965               | 0                                    | NR                             |
| 450               | 160                                  | NR                             | 580               | 882                                  | NR                             | 710               | 94                                   | NR                             | 840               | 2                                    | NR                             | 970               | 0                                    | NR                             |
| 455               | 89                                   | NR                             | 585               | 930                                  | NR                             | 715               | 80                                   | NR                             | 845               | 2                                    | NR                             | 975               | 0                                    | NR                             |
| 460               | 53                                   | NR                             | 590               | 968                                  | NR                             | 720               | 69                                   | NR                             | 850               | 1                                    | NR                             | 980               | 0                                    | NR                             |
| 465               | 31                                   | NR                             | 595               | 991                                  | NR                             | 725               | 59                                   | NR                             | 855               | 1                                    | NR                             | 985               | 0                                    | NR                             |
| 470               | 23                                   | NR                             | 600               | 999                                  | NR                             | 730               | 50                                   | NR                             | 860               | 1                                    | NR                             | 990               | 0                                    | NR                             |
| 475               | 21                                   | NR                             | 605               | 992                                  | NR                             | 735               | 43                                   | NR                             | 865               | 1                                    | NR                             | 995               | 0                                    | NR                             |
| 480               | 23                                   | NR                             | 610               | 969                                  | NR                             | 740               | 36                                   | NR                             | 870               | 1                                    | NR                             | 1000              | 0                                    | NR                             |
| 485               | 32                                   | NR                             | 615               | 935                                  | NR                             | 745               | 31                                   | NR                             | 875               | 1                                    | NR                             |                   |                                      |                                |

REPORT NUMBER: SP1-2407-184-3

### Melanopic Flux vs. Wavelength


**Melanopic Lumens: NR**
**M/P: 1.71**

| $\lambda$<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               | 52                                   | NR                             | 620               | 888                                  | NR                             | 750               | 27                                   | NR                             | 880               | 1                                    | NR                             |
| 365               | 0                                    | NR                             | 495               | 87                                   | NR                             | 625               | 834                                  | NR                             | 755               | 23                                   | NR                             | 885               | 1                                    | NR                             |
| 370               | 0                                    | NR                             | 500               | 135                                  | NR                             | 630               | 776                                  | NR                             | 760               | 20                                   | NR                             | 890               | 1                                    | NR                             |
| 375               | 0                                    | NR                             | 505               | 196                                  | NR                             | 635               | 712                                  | NR                             | 765               | 17                                   | NR                             | 895               | 0                                    | NR                             |
| 380               | 0                                    | NR                             | 510               | 258                                  | NR                             | 640               | 648                                  | NR                             | 770               | 15                                   | NR                             | 900               | 0                                    | NR                             |
| 385               | 1                                    | NR                             | 515               | 317                                  | NR                             | 645               | 583                                  | NR                             | 775               | 12                                   | NR                             | 905               | 0                                    | NR                             |
| 390               | 2                                    | NR                             | 520               | 368                                  | NR                             | 650               | 523                                  | NR                             | 780               | 11                                   | NR                             | 910               | 0                                    | NR                             |
| 395               | 4                                    | NR                             | 525               | 408                                  | NR                             | 655               | 465                                  | NR                             | 785               | 9                                    | NR                             | 915               | 0                                    | NR                             |
| 400               | 6                                    | NR                             | 530               | 443                                  | NR                             | 660               | 410                                  | NR                             | 790               | 8                                    | NR                             | 920               | 0                                    | NR                             |
| 405               | 11                                   | NR                             | 535               | 473                                  | NR                             | 665               | 360                                  | NR                             | 795               | 7                                    | NR                             | 925               | 0                                    | NR                             |
| 410               | 23                                   | NR                             | 540               | 498                                  | NR                             | 670               | 313                                  | NR                             | 800               | 6                                    | NR                             | 930               | 0                                    | NR                             |
| 415               | 51                                   | NR                             | 545               | 530                                  | NR                             | 675               | 272                                  | NR                             | 805               | 5                                    | NR                             | 935               | 0                                    | NR                             |
| 420               | 111                                  | NR                             | 550               | 563                                  | NR                             | 680               | 236                                  | NR                             | 810               | 4                                    | NR                             | 940               | 0                                    | NR                             |
| 425               | 214                                  | NR                             | 555               | 605                                  | NR                             | 685               | 203                                  | NR                             | 815               | 4                                    | NR                             | 945               | 0                                    | NR                             |
| 430               | 339                                  | NR                             | 560               | 651                                  | NR                             | 690               | 175                                  | NR                             | 820               | 3                                    | NR                             | 950               | 0                                    | NR                             |
| 435               | 467                                  | NR                             | 565               | 705                                  | NR                             | 695               | 150                                  | NR                             | 825               | 3                                    | NR                             | 955               | 0                                    | NR                             |
| 440               | 535                                  | NR                             | 570               | 765                                  | NR                             | 700               | 128                                  | NR                             | 830               | 3                                    | NR                             | 960               | 0                                    | NR                             |
| 445               | 372                                  | NR                             | 575               | 824                                  | NR                             | 705               | 110                                  | NR                             | 835               | 2                                    | NR                             | 965               | 0                                    | NR                             |
| 450               | 160                                  | NR                             | 580               | 882                                  | NR                             | 710               | 94                                   | NR                             | 840               | 2                                    | NR                             | 970               | 0                                    | NR                             |
| 455               | 89                                   | NR                             | 585               | 930                                  | NR                             | 715               | 80                                   | NR                             | 845               | 2                                    | NR                             | 975               | 0                                    | NR                             |
| 460               | 53                                   | NR                             | 590               | 968                                  | NR                             | 720               | 69                                   | NR                             | 850               | 1                                    | NR                             | 980               | 0                                    | NR                             |
| 465               | 31                                   | NR                             | 595               | 991                                  | NR                             | 725               | 59                                   | NR                             | 855               | 1                                    | NR                             | 985               | 0                                    | NR                             |
| 470               | 23                                   | NR                             | 600               | 999                                  | NR                             | 730               | 50                                   | NR                             | 860               | 1                                    | NR                             | 990               | 0                                    | NR                             |
| 475               | 21                                   | NR                             | 605               | 992                                  | NR                             | 735               | 43                                   | NR                             | 865               | 1                                    | NR                             | 995               | 0                                    | NR                             |
| 480               | 23                                   | NR                             | 610               | 969                                  | NR                             | 740               | 36                                   | NR                             | 870               | 1                                    | NR                             | 1000              | 0                                    | NR                             |
| 485               | 32                                   | NR                             | 615               | 935                                  | NR                             | 745               | 31                                   | NR                             | 875               | 1                                    | NR                             |                   |                                      |                                |

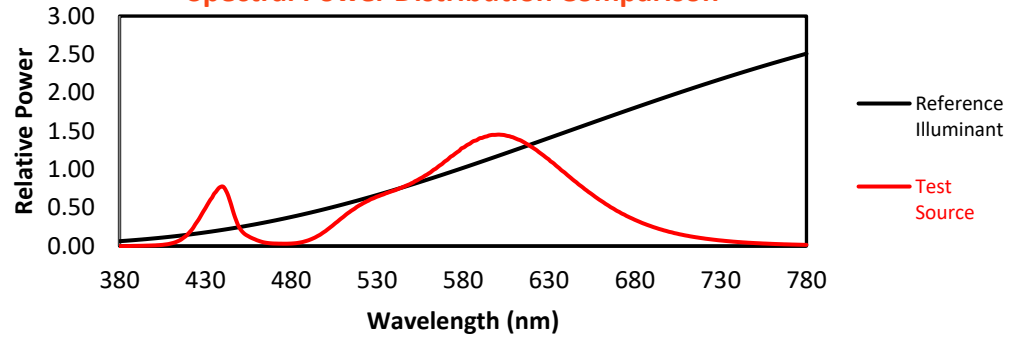
REPORT NUMBER: SP1-2407-184-3

TM-30-18

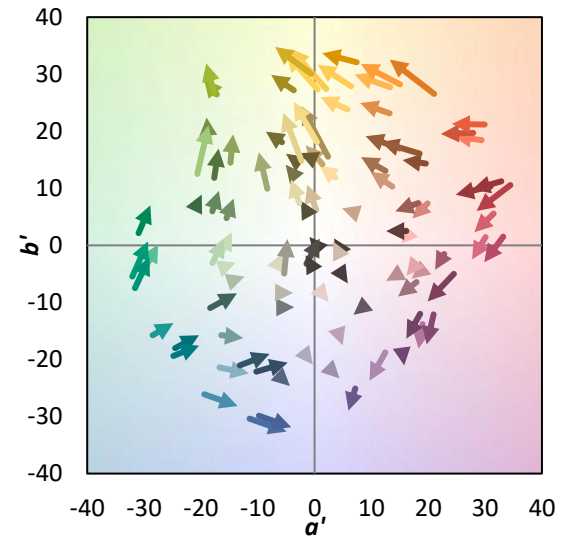
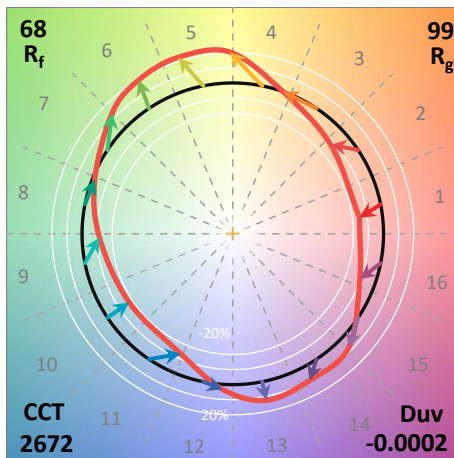
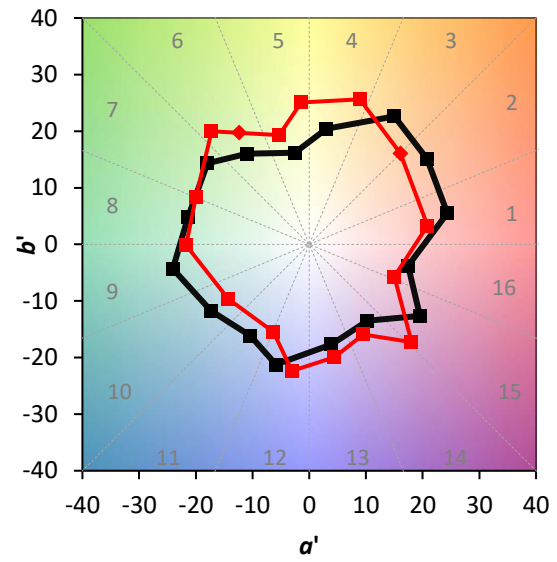
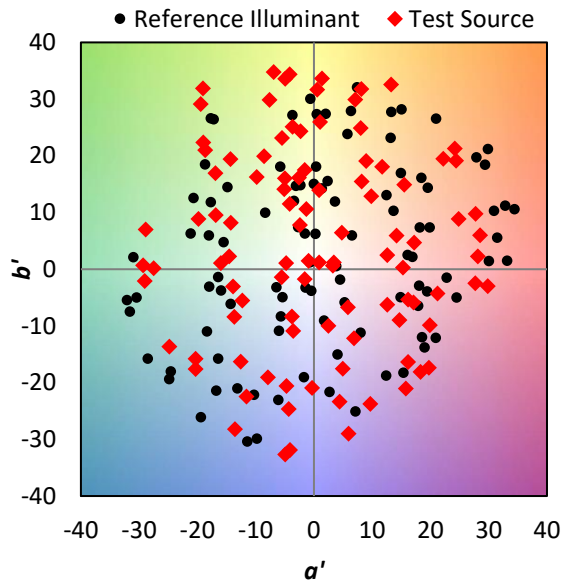
### Summary

$R_f = 67.9$   
 $R_g = 98.6$   
 $CIE R_a = 71.1$   
 $R_g = -27.8$

### Spectral Power Distribution Comparison

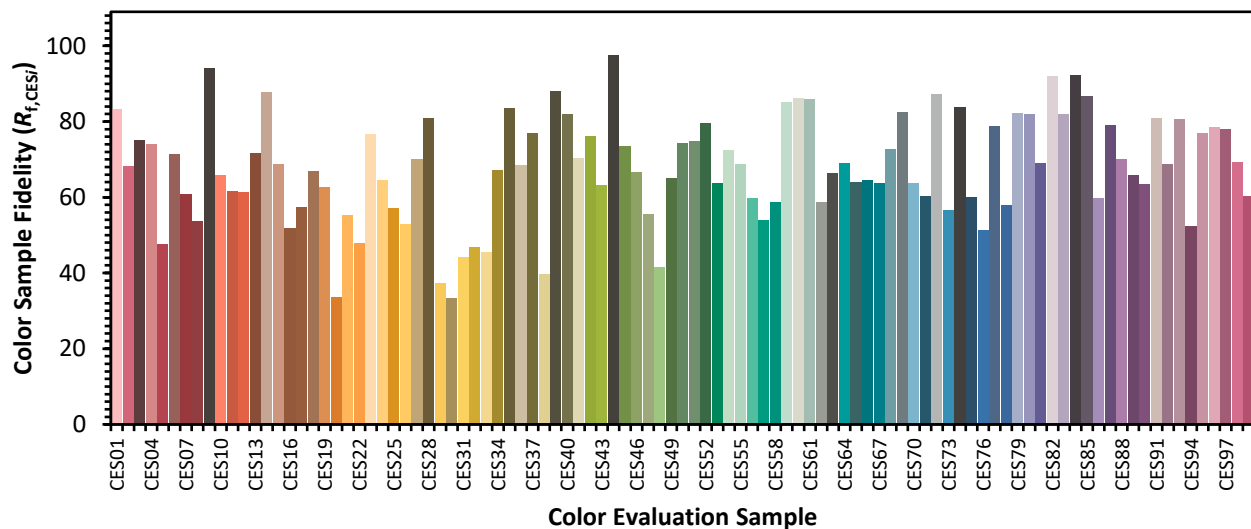


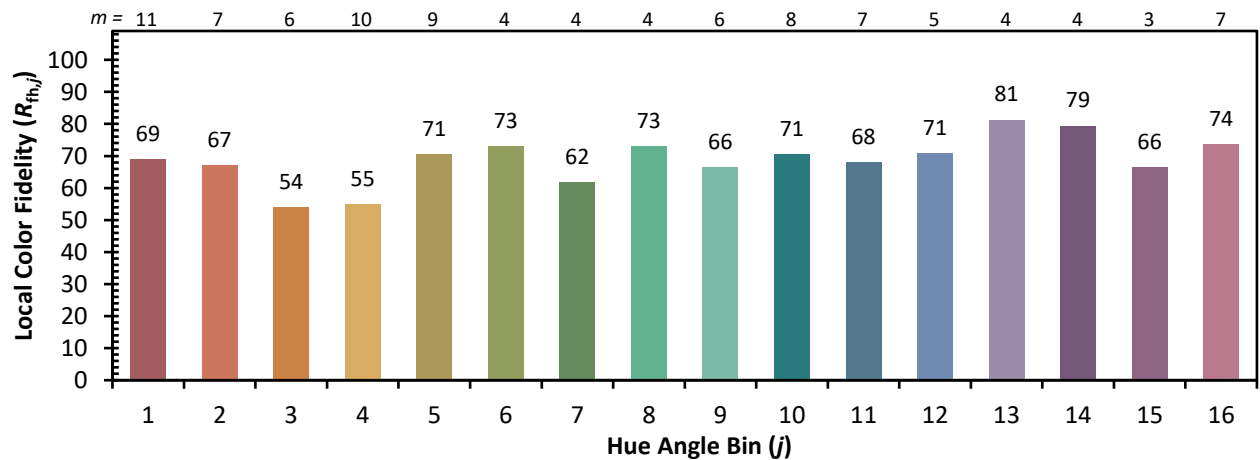
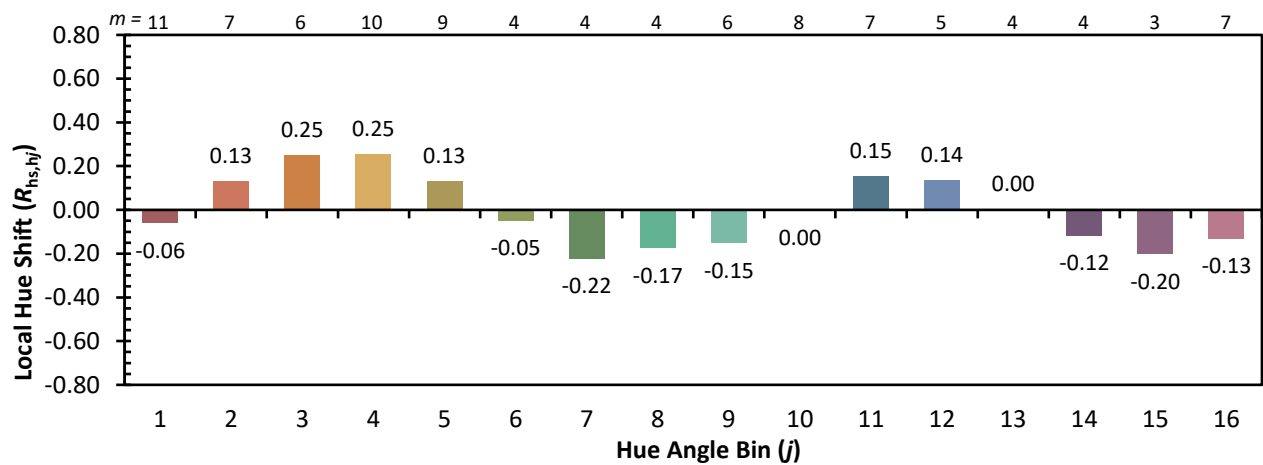
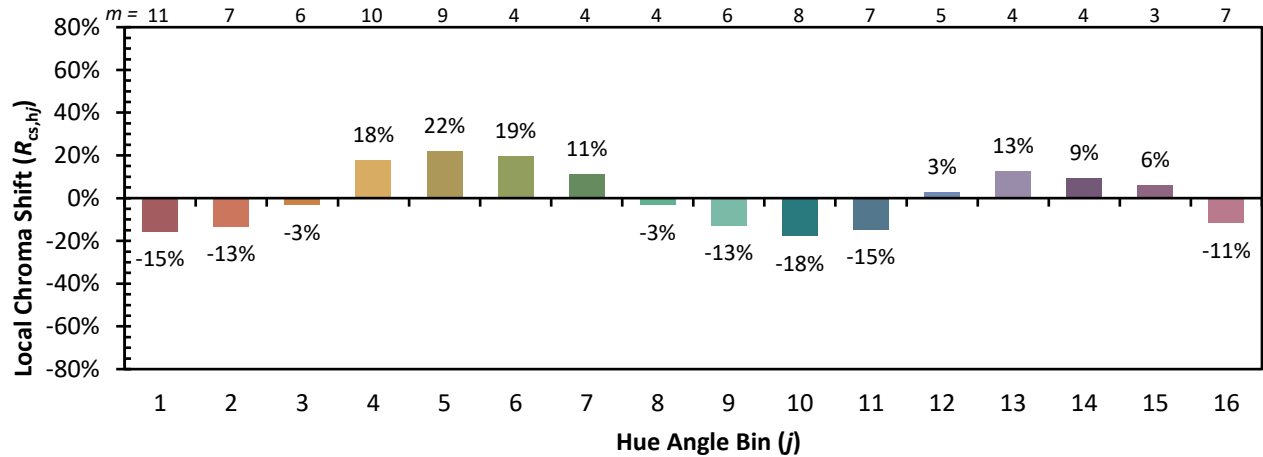
### Color Vector Graphics



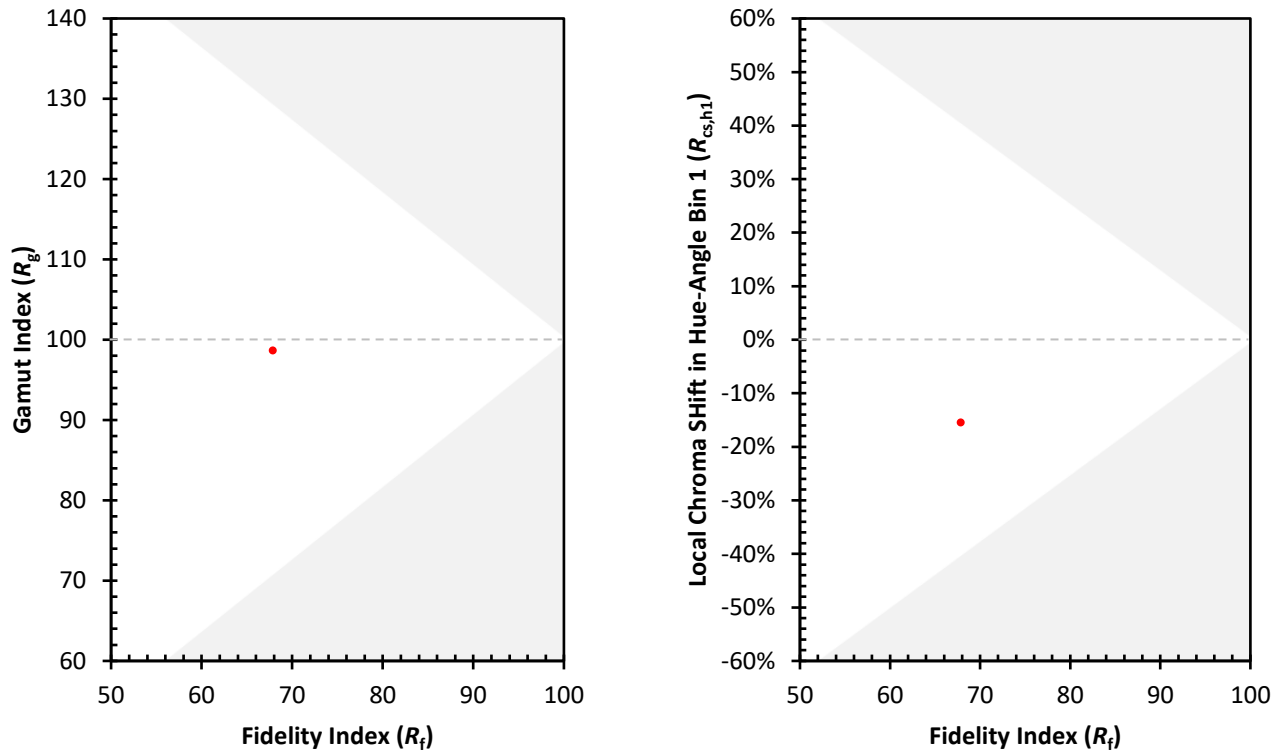
**Individual Sample Fidelity Index ( $R_{f,i}$ )**

|            |            |            |            |
|------------|------------|------------|------------|
| CES01 = 86 | CES26 = 53 | CES51 = 75 | CES76 = 51 |
| CES02 = 63 | CES27 = 70 | CES52 = 80 | CES77 = 79 |
| CES03 = 31 | CES28 = 81 | CES53 = 64 | CES78 = 58 |
| CES04 = 71 | CES29 = 37 | CES54 = 73 | CES79 = 82 |
| CES05 = 50 | CES30 = 33 | CES55 = 69 | CES80 = 82 |
| CES06 = 52 | CES31 = 44 | CES56 = 60 | CES81 = 69 |
| CES07 = 42 | CES32 = 47 | CES57 = 54 | CES82 = 92 |
| CES08 = 41 | CES33 = 45 | CES58 = 59 | CES83 = 82 |
| CES09 = 29 | CES34 = 67 | CES59 = 85 | CES84 = 92 |
| CES10 = 77 | CES35 = 84 | CES60 = 86 | CES85 = 87 |
| CES11 = 60 | CES36 = 68 | CES61 = 86 | CES86 = 60 |
| CES12 = 66 | CES37 = 77 | CES62 = 59 | CES87 = 79 |
| CES13 = 44 | CES38 = 40 | CES63 = 66 | CES88 = 70 |
| CES14 = 74 | CES39 = 88 | CES64 = 69 | CES89 = 66 |
| CES15 = 72 | CES40 = 82 | CES65 = 64 | CES90 = 64 |
| CES16 = 48 | CES41 = 70 | CES66 = 65 | CES91 = 81 |
| CES17 = 51 | CES42 = 76 | CES67 = 64 | CES92 = 69 |
| CES18 = 57 | CES43 = 63 | CES68 = 73 | CES93 = 81 |
| CES19 = 73 | CES44 = 97 | CES69 = 83 | CES94 = 53 |
| CES20 = 67 | CES45 = 74 | CES70 = 64 | CES95 = 77 |
| CES21 = 88 | CES46 = 67 | CES71 = 60 | CES96 = 79 |
| CES22 = 80 | CES47 = 55 | CES72 = 87 | CES97 = 78 |
| CES23 = 92 | CES48 = 42 | CES73 = 57 | CES98 = 69 |
| CES24 = 92 | CES49 = 65 | CES74 = 84 | CES99 = 60 |
| CES25 = 73 | CES50 = 74 | CES75 = 60 |            |



**Color Rendition by Hue-Angle Bin**


**Measure Comparisons**



(END OF REPORT)