

Cooper Lighting Solutions Photometric Lab  
1121 Highway 74 South  
Peachtree City, GA 30269

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Scaled data based on original data using  
LM-79-2024 Approved Method: Electrical and Photometric Measurements of Solid-  
State Lighting Products

Test Report Prepared for

Cooper Lighting Solutions

Brand: McGRAW-EDISON

Report Number: P1445214

Luminaire Tested: TPTN-VA1-740-U-RW-CG-GM

Issue Date: 05/21/2026

**Test Information**

Test Method: LM-79-2024  
Report Number: P1445214  
Test Lab: INNOVATION CENTER(G1)  
Issue Date: 5/21/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: MCGRAW-EDISON  
Catalog Number: TPTN-VA1-740-U-RW-CG-GM  
Description: TOPTIER NANO SPIDER MOUNT VISUAL COMFORT LED LUMINAIRE 27W 70CRI 4000K w/  
RECTANGULAR WIDE DISTRIBUTION OPTIC AND GLASS  
Light Source: 4000K CCT, 70 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 2502.7 lumens  
Efficiency: N/A  
Efficacy: 93.7 lumens/watt  
Luminous Opening: Circular (Dia: 0.71' x H: 0')  
IES Classification: Type II - Short  
BUG Rating: B1 - U0 - G1

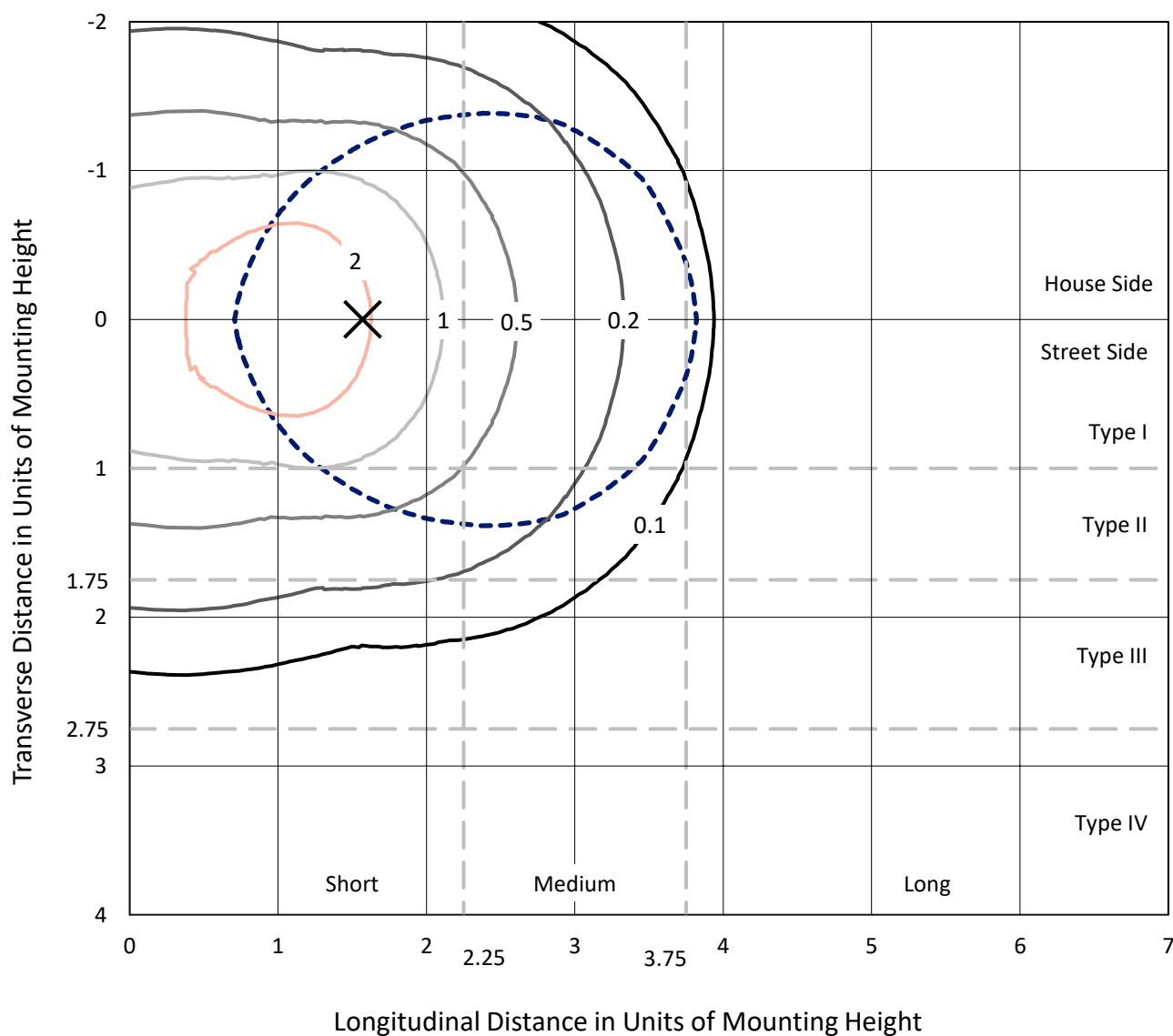
Input Watts (W): 26.7  
Input Voltage (V): 120  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: 0.98  
Total Harmonic Distortion (THDi): 11.9%  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 28.75 FT

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## Iso-Footcandle Lines of Horizontal Illumination

× Max cd  
 --- 1/2 Max cd

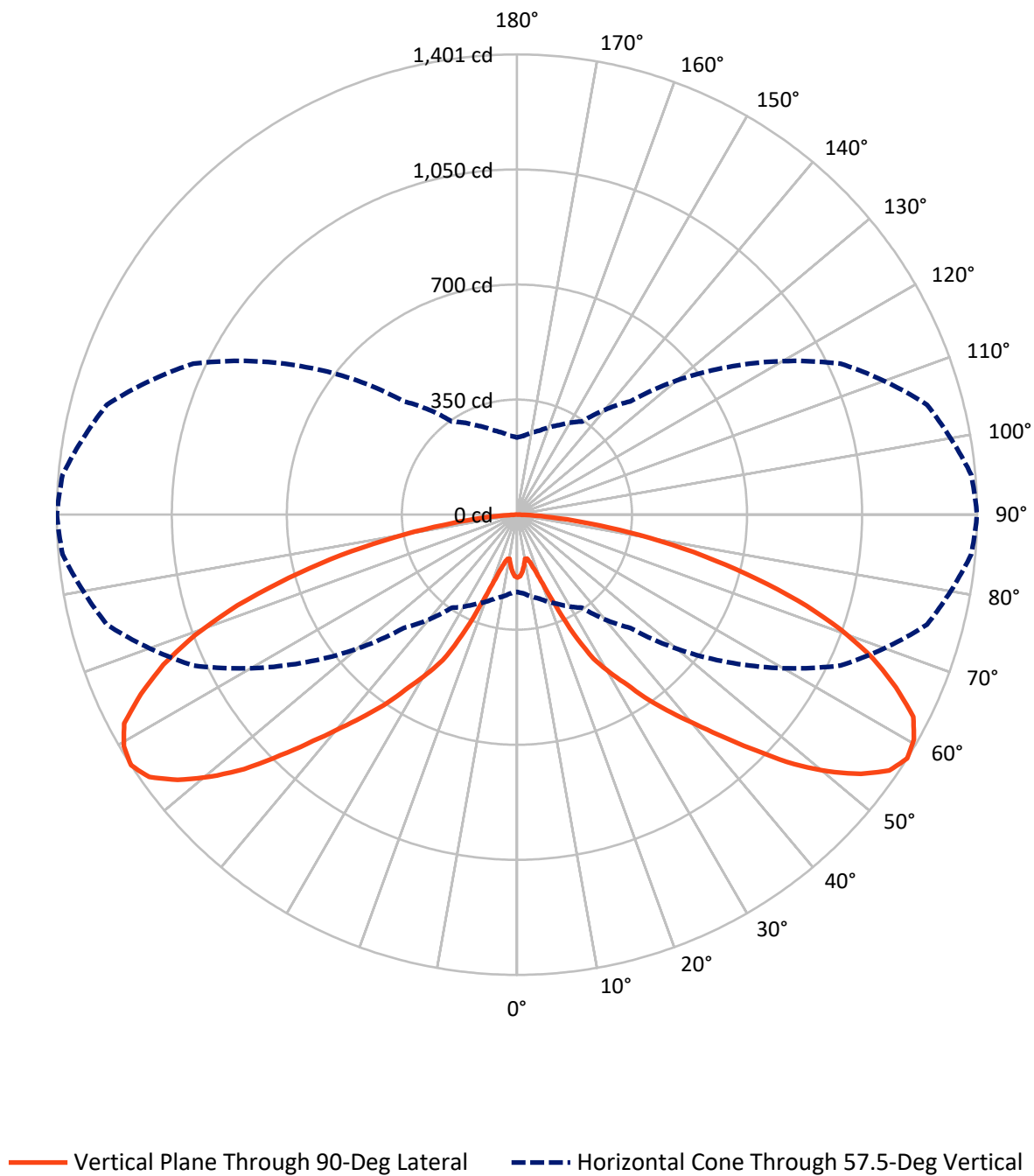


Based on 10 foot mounting height. Maximum calculated value = 3.8 fc  
 Type II - Short - N/A

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## Luminous Intensity Polar Plot



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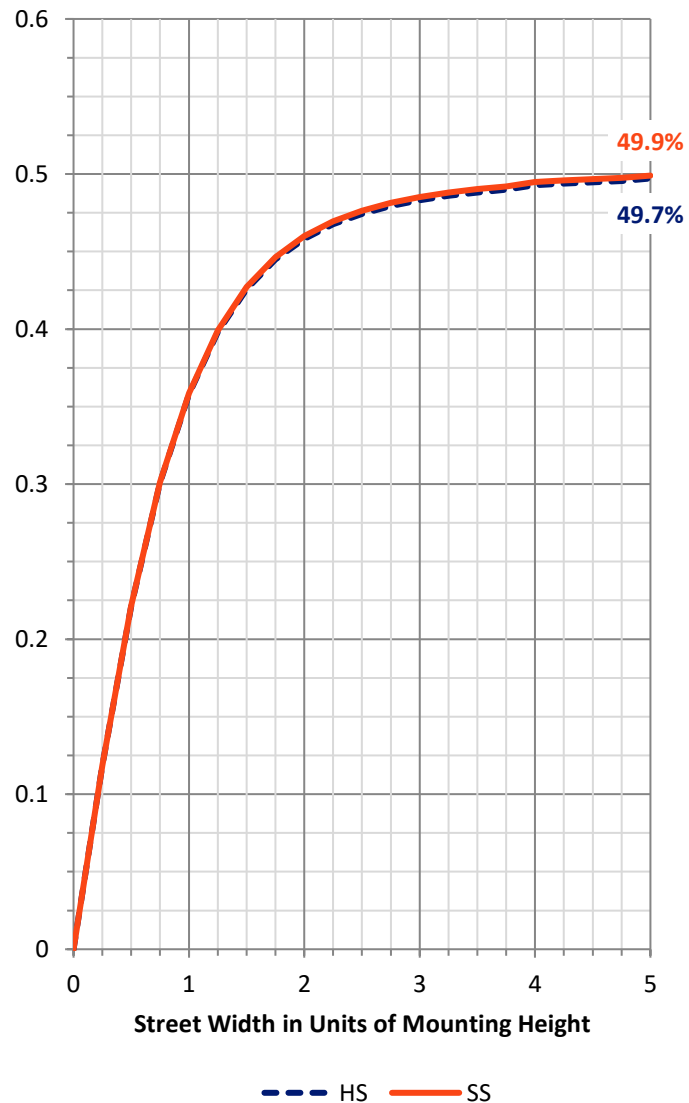
**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total  |
|--------------------|-----------|----------|--------|--------|
| <b>House Side</b>  | Lumens    | 1251.3   | 0.0    | 1251.3 |
|                    | % Fixture | 50.0     | 0.0    | 50.0   |
| <b>Street Side</b> | Lumens    | 1251.4   | 0.0    | 1251.4 |
|                    | % Fixture | 50.0     | 0.0    | 50.0   |
| <b>Total</b>       | Lumens    | 2502.7   | 0.0    | 2502.7 |
|                    | % Fixture | 100.0    | 0.0    | 100.0  |

**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 17.0   | 0.7       |
| 10°-20°   | 51.9   | 2.1       |
| 20°-30°   | 126.9  | 5.1       |
| 30°-40°   | 250.5  | 10.0      |
| 40°-50°   | 424.7  | 17.0      |
| 50°-60°   | 602.6  | 24.1      |
| 60°-70°   | 599.2  | 23.9      |
| 70°-80°   | 359.6  | 14.4      |
| 80°-90°   | 70.3   | 2.8       |
| 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°    | 2502.7 | 100.0     |
| 0°-180°   | 2502.7 | 100.0     |

**Coefficient of Utilization**



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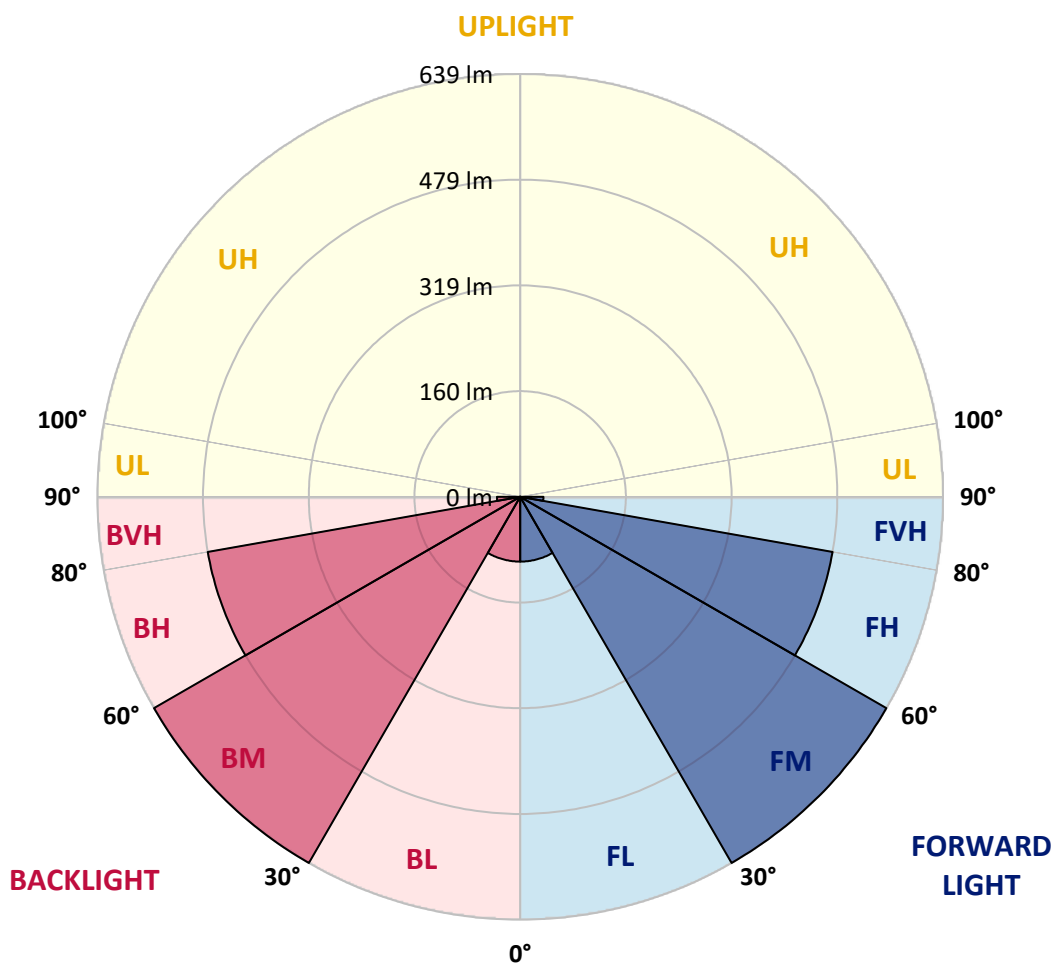
CATALOG NUMBER: TPTN-VA1-740-U-RW-CG-GM

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

| Zone |             | Lumens | % Fixture | Zone Rating/Lumen Limit |      |        |
|------|-------------|--------|-----------|-------------------------|------|--------|
|      |             |        |           | B                       | U    | G      |
| FL   | (0°-30°)    | 97.9   | 3.9       |                         |      |        |
| FM   | (30°-60°)   | 638.9  | 25.5      |                         |      |        |
| FH   | (60°-80°)   | 479.4  | 19.2      |                         |      | G0/660 |
| FVH  | (80°-90°)   | 35.2   | 1.4       |                         |      | G1/100 |
| BL   | (0°-30°)    | 97.9   | 3.9       | B0/110                  |      |        |
| BM   | (30°-60°)   | 638.9  | 25.5      | B1/1000                 |      |        |
| BH   | (60°-80°)   | 479.4  | 19.2      | B1/500                  |      | G1/500 |
| BVH  | (80°-90°)   | 35.2   | 1.4       |                         |      | G1/100 |
| UL   | (90°-100°)  | 0.0    | 0.0       |                         | U0/0 |        |
| UH   | (100°-180°) | 0.0    | 0.0       |                         | U0/0 |        |

**BUG Rating: B1-U0-G1**

Type II Short



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**CANDELA DISTRIBUTION (FULL):**

|        | 0°    | 2.5°  | 5°    | 7.5°  | 10°   | 12.5° | 15°   | 17.5° | 20°   | 22.5° | 25°   |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°     | 191.8 | 191.8 | 191.8 | 191.8 | 191.8 | 191.8 | 191.8 | 191.8 | 191.8 | 191.8 | 191.8 |
| 2.5°   | 192.3 | 192.3 | 192.3 | 192.3 | 192.3 | 191.8 | 191.8 | 191.8 | 191.8 | 191.8 | 191.8 |
| 5°     | 192.7 | 192.7 | 192.3 | 192.3 | 191.8 | 191.8 | 191.3 | 190.8 | 190.8 | 190.4 | 189.9 |
| 7.5°   | 190.4 | 190.4 | 190.4 | 190.4 | 189.9 | 189.9 | 189.4 | 189.0 | 188.5 | 188.0 | 187.6 |
| 10°    | 189.0 | 189.0 | 189.0 | 189.0 | 189.0 | 188.5 | 188.5 | 188.0 | 187.6 | 186.6 | 186.2 |
| 12.5°  | 189.4 | 189.9 | 189.9 | 190.4 | 190.4 | 190.8 | 190.8 | 190.4 | 190.4 | 189.9 | 189.4 |
| 15°    | 193.2 | 193.7 | 193.7 | 194.1 | 194.6 | 195.1 | 195.5 | 195.5 | 195.5 | 195.1 | 195.1 |
| 17.5°  | 196.9 | 197.9 | 198.3 | 199.3 | 199.7 | 200.7 | 201.1 | 201.1 | 201.1 | 200.7 | 200.7 |
| 20°    | 201.6 | 202.5 | 203.0 | 204.4 | 205.3 | 206.8 | 207.7 | 207.7 | 207.2 | 207.2 | 206.8 |
| 22.5°  | 205.8 | 206.8 | 207.7 | 209.1 | 211.0 | 212.4 | 213.8 | 213.8 | 214.2 | 214.2 | 214.2 |
| 25°    | 210.5 | 211.9 | 212.8 | 214.7 | 216.6 | 218.0 | 219.8 | 220.8 | 222.2 | 223.1 | 224.1 |
| 27.5°  | 215.2 | 216.6 | 218.0 | 219.8 | 221.7 | 223.6 | 225.5 | 227.8 | 229.7 | 232.0 | 233.9 |
| 30°    | 219.4 | 220.8 | 222.2 | 224.5 | 226.4 | 228.7 | 230.6 | 233.9 | 237.2 | 240.4 | 243.7 |
| 32.5°  | 223.1 | 225.0 | 226.9 | 229.2 | 231.5 | 233.9 | 236.2 | 240.4 | 245.1 | 249.3 | 253.5 |
| 35°    | 227.3 | 229.2 | 231.1 | 233.9 | 236.7 | 239.0 | 241.8 | 247.4 | 252.6 | 258.2 | 263.4 |
| 37.5°  | 231.1 | 233.4 | 235.3 | 238.6 | 241.8 | 244.6 | 247.9 | 254.0 | 260.5 | 266.6 | 272.7 |
| 40°    | 235.3 | 237.6 | 240.0 | 243.7 | 247.4 | 250.7 | 254.5 | 261.5 | 268.5 | 275.5 | 282.5 |
| 42.5°  | 239.0 | 241.4 | 243.7 | 247.9 | 252.6 | 256.8 | 261.0 | 268.5 | 276.0 | 283.0 | 290.5 |
| 45°    | 243.2 | 245.6 | 247.9 | 252.6 | 257.3 | 261.9 | 266.6 | 275.0 | 283.0 | 291.4 | 299.4 |
| 47.5°  | 247.0 | 249.3 | 251.7 | 256.8 | 261.9 | 267.1 | 272.2 | 281.1 | 290.0 | 298.4 | 307.3 |
| 50°    | 247.4 | 250.3 | 252.6 | 258.2 | 263.8 | 269.0 | 274.6 | 283.9 | 293.3 | 302.2 | 311.5 |
| 52.5°  | 247.4 | 250.3 | 252.6 | 258.2 | 264.3 | 269.9 | 275.5 | 285.3 | 294.7 | 304.5 | 313.9 |
| 55°    | 243.7 | 246.5 | 248.8 | 254.9 | 261.0 | 266.6 | 272.7 | 282.5 | 291.9 | 301.7 | 311.1 |
| 57.5°  | 234.8 | 238.1 | 240.9 | 247.0 | 253.1 | 258.7 | 264.8 | 273.6 | 282.5 | 291.4 | 300.3 |
| 60°    | 222.7 | 225.9 | 229.2 | 234.8 | 240.4 | 245.6 | 251.2 | 259.6 | 268.0 | 276.0 | 284.4 |
| 62.5°  | 208.2 | 211.4 | 214.2 | 219.4 | 224.5 | 229.7 | 234.8 | 241.8 | 249.3 | 256.3 | 263.4 |
| 65°    | 187.6 | 191.3 | 195.1 | 199.7 | 204.9 | 209.6 | 214.2 | 220.8 | 227.3 | 233.9 | 240.4 |
| 67.5°  | 165.6 | 169.3 | 172.6 | 176.8 | 181.0 | 184.8 | 189.0 | 195.1 | 201.1 | 207.2 | 213.3 |
| 70°    | 143.1 | 146.4 | 149.2 | 152.5 | 156.2 | 159.5 | 162.8 | 167.9 | 173.1 | 177.7 | 182.9 |
| 72.5°  | 115.5 | 118.8 | 122.1 | 125.4 | 128.6 | 131.9 | 135.2 | 139.4 | 143.1 | 147.3 | 151.1 |
| 75°    | 90.3  | 93.1  | 95.9  | 98.7  | 102.0 | 104.8 | 107.6 | 110.4 | 113.7 | 116.5 | 119.3 |
| 77.5°  | 64.1  | 67.4  | 70.2  | 72.5  | 75.3  | 77.6  | 80.0  | 81.9  | 83.7  | 85.6  | 87.5  |
| 80°    | 40.7  | 43.0  | 45.4  | 47.7  | 50.1  | 51.9  | 54.3  | 55.2  | 56.6  | 57.5  | 58.5  |
| 82.5°  | 20.6  | 22.9  | 25.3  | 27.1  | 29.5  | 31.3  | 33.2  | 33.7  | 34.6  | 35.1  | 35.5  |
| 85°    | 6.5   | 9.4   | 12.2  | 13.6  | 15.4  | 16.8  | 18.2  | 18.7  | 18.7  | 19.2  | 19.2  |
| 87.5°  | 0.9   | 3.3   | 5.6   | 7.0   | 8.9   | 10.3  | 11.7  | 11.7  | 11.7  | 11.7  | 11.7  |
| 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   |

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**CANDELA DISTRIBUTION (continued):**

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



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**CANDELA DISTRIBUTION (continued):**

|        | 27.5° | 30°   | 32.5° | 35°   | 37.5° | 40°   | 42.5° | 45°   | 47.5° | 50°   | 52.5° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°     | 191.8 | 191.8 | 191.8 | 191.8 | 191.8 | 191.8 | 191.8 | 191.8 | 191.8 | 191.8 | 191.8 |
| 2.5°   | 191.8 | 191.3 | 191.3 | 190.8 | 190.8 | 190.4 | 190.4 | 189.9 | 189.9 | 189.9 | 189.4 |
| 5°     | 189.4 | 189.0 | 188.0 | 187.6 | 187.1 | 186.6 | 185.7 | 185.2 | 184.3 | 183.4 | 182.4 |
| 7.5°   | 186.6 | 185.7 | 184.8 | 183.8 | 182.4 | 180.6 | 179.2 | 177.3 | 175.4 | 174.0 | 172.1 |
| 10°    | 184.8 | 183.8 | 182.4 | 181.0 | 178.7 | 176.3 | 174.0 | 171.7 | 168.9 | 166.5 | 163.7 |
| 12.5°  | 188.0 | 186.6 | 184.8 | 183.4 | 181.0 | 178.2 | 175.9 | 173.1 | 170.3 | 167.5 | 164.7 |
| 15°    | 193.7 | 191.8 | 190.4 | 188.5 | 186.2 | 183.8 | 181.5 | 179.2 | 177.3 | 175.4 | 173.1 |
| 17.5°  | 199.3 | 198.3 | 196.9 | 195.5 | 194.1 | 193.2 | 191.8 | 190.4 | 189.4 | 188.0 | 187.1 |
| 20°    | 206.8 | 206.3 | 206.3 | 205.8 | 205.8 | 205.8 | 205.8 | 205.8 | 205.3 | 205.3 | 204.9 |
| 22.5°  | 215.6 | 216.6 | 218.0 | 218.9 | 220.3 | 221.7 | 222.7 | 224.1 | 225.5 | 226.9 | 227.8 |
| 25°    | 226.9 | 229.2 | 232.0 | 234.3 | 236.2 | 238.6 | 240.4 | 242.3 | 246.0 | 250.3 | 254.0 |
| 27.5°  | 237.6 | 241.8 | 245.6 | 249.3 | 252.1 | 254.9 | 257.7 | 260.5 | 267.6 | 274.6 | 281.6 |
| 30°    | 248.4 | 253.5 | 258.2 | 262.9 | 266.6 | 270.4 | 274.1 | 277.9 | 289.1 | 299.8 | 311.1 |
| 32.5°  | 259.1 | 264.3 | 269.9 | 275.0 | 280.7 | 286.7 | 292.4 | 298.0 | 312.9 | 327.9 | 342.4 |
| 35°    | 269.4 | 275.0 | 281.1 | 286.7 | 294.7 | 303.1 | 311.1 | 319.0 | 337.3 | 355.5 | 373.7 |
| 37.5°  | 279.3 | 286.3 | 292.8 | 299.4 | 309.7 | 319.9 | 329.8 | 340.1 | 362.0 | 384.0 | 405.5 |
| 40°    | 290.0 | 297.5 | 304.5 | 312.0 | 324.2 | 335.9 | 348.0 | 359.7 | 387.8 | 415.8 | 443.4 |
| 42.5°  | 298.9 | 307.3 | 315.7 | 324.2 | 338.7 | 352.7 | 367.2 | 381.2 | 416.3 | 451.9 | 486.9 |
| 45°    | 308.7 | 318.1 | 327.4 | 336.8 | 354.1 | 371.4 | 388.2 | 405.5 | 448.6 | 491.2 | 534.2 |
| 47.5°  | 317.6 | 327.4 | 337.7 | 347.5 | 369.1 | 390.1 | 411.6 | 432.7 | 483.2 | 534.2 | 584.7 |
| 50°    | 321.8 | 332.6 | 342.9 | 353.2 | 378.4 | 403.2 | 428.5 | 453.3 | 511.7 | 570.2 | 628.7 |
| 52.5°  | 325.1 | 335.9 | 347.1 | 357.8 | 386.4 | 414.9 | 443.4 | 472.0 | 536.1 | 599.7 | 663.8 |
| 55°    | 322.8 | 334.0 | 345.7 | 356.9 | 389.2 | 421.5 | 453.7 | 486.0 | 555.7 | 624.9 | 694.6 |
| 57.5°  | 311.5 | 323.2 | 334.5 | 345.7 | 381.2 | 416.8 | 451.9 | 487.4 | 561.3 | 634.8 | 708.7 |
| 60°    | 295.6 | 307.3 | 318.5 | 329.8 | 367.2 | 405.1 | 442.5 | 479.9 | 553.8 | 628.2 | 702.1 |
| 62.5°  | 275.5 | 287.7 | 299.4 | 311.5 | 351.3 | 390.6 | 430.3 | 469.6 | 542.1 | 614.6 | 687.1 |
| 65°    | 251.7 | 262.4 | 273.6 | 284.4 | 324.2 | 364.4 | 404.1 | 443.9 | 514.1 | 583.8 | 653.9 |
| 67.5°  | 223.6 | 233.9 | 243.7 | 254.0 | 292.4 | 330.7 | 369.1 | 407.4 | 472.0 | 536.1 | 600.6 |
| 70°    | 192.7 | 203.0 | 212.8 | 222.7 | 258.2 | 293.8 | 329.3 | 364.9 | 421.0 | 477.1 | 533.2 |
| 72.5°  | 160.4 | 169.8 | 178.7 | 188.0 | 220.3 | 252.1 | 284.4 | 316.2 | 363.9 | 411.6 | 459.3 |
| 75°    | 127.2 | 134.7 | 142.7 | 150.2 | 176.8 | 203.5 | 230.1 | 256.8 | 296.6 | 336.3 | 375.6 |
| 77.5°  | 93.6  | 99.6  | 105.7 | 111.8 | 132.4 | 152.5 | 173.1 | 193.2 | 224.1 | 254.9 | 285.8 |
| 80°    | 63.1  | 67.8  | 72.5  | 77.2  | 90.7  | 104.3 | 117.4 | 131.0 | 151.6 | 171.7 | 192.3 |
| 82.5°  | 38.4  | 41.2  | 44.0  | 46.8  | 55.2  | 63.1  | 71.6  | 79.5  | 91.7  | 104.3 | 116.5 |
| 85°    | 20.6  | 21.5  | 22.9  | 23.9  | 27.6  | 30.9  | 34.6  | 37.9  | 43.0  | 48.6  | 53.8  |
| 87.5°  | 11.7  | 11.7  | 11.7  | 11.7  | 11.7  | 12.2  | 12.2  | 12.2  | 13.1  | 13.6  | 14.5  |
| 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: P1445214

CATALOG NUMBER: TPTN-VA1-740-U-RW-CG-GM

**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: P1445214

CATALOG NUMBER: TPTN-VA1-740-U-RW-CG-GM

**CANDELA DISTRIBUTION (continued):**

|        | 55°   | 57.5° | 60°   | 62.5°  | 65°    | 67.5°  | 70°    | 72.5°  | 75°    | 77.5°  | 80°    |
|--------|-------|-------|-------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 191.8 | 191.8 | 191.8 | 191.8  | 191.8  | 191.8  | 191.8  | 191.8  | 191.8  | 191.8  | 191.8  |
| 2.5°   | 189.4 | 189.4 | 189.0 | 189.0  | 188.5  | 188.5  | 188.5  | 188.0  | 188.0  | 188.0  | 188.0  |
| 5°     | 181.5 | 180.6 | 180.1 | 179.2  | 178.2  | 177.7  | 177.3  | 176.8  | 176.3  | 175.9  | 175.4  |
| 7.5°   | 170.3 | 168.9 | 167.0 | 165.6  | 163.7  | 162.3  | 161.4  | 160.0  | 158.6  | 157.6  | 157.2  |
| 10°    | 160.9 | 158.6 | 156.2 | 153.4  | 151.1  | 149.2  | 146.9  | 145.0  | 142.7  | 141.7  | 140.3  |
| 12.5°  | 161.8 | 159.5 | 157.2 | 154.4  | 152.0  | 150.2  | 148.3  | 145.9  | 144.1  | 142.7  | 141.3  |
| 15°    | 171.2 | 169.3 | 167.0 | 165.1  | 162.8  | 161.4  | 160.0  | 158.1  | 156.7  | 155.8  | 154.8  |
| 17.5°  | 185.7 | 184.8 | 183.4 | 182.4  | 181.0  | 180.6  | 179.6  | 179.2  | 178.2  | 178.2  | 178.2  |
| 20°    | 204.4 | 205.3 | 205.8 | 206.8  | 207.2  | 209.1  | 211.0  | 212.8  | 214.7  | 216.6  | 218.9  |
| 22.5°  | 229.2 | 232.9 | 237.2 | 240.9  | 244.6  | 250.7  | 256.8  | 262.4  | 268.5  | 274.6  | 280.7  |
| 25°    | 257.7 | 267.1 | 276.0 | 285.3  | 294.2  | 307.8  | 321.4  | 334.9  | 348.5  | 359.7  | 370.9  |
| 27.5°  | 288.6 | 303.6 | 319.0 | 334.0  | 349.0  | 369.1  | 389.6  | 409.8  | 429.9  | 444.4  | 458.4  |
| 30°    | 321.8 | 341.5 | 361.6 | 381.2  | 400.9  | 423.8  | 446.7  | 469.6  | 492.6  | 507.1  | 521.6  |
| 32.5°  | 357.4 | 380.8 | 404.1 | 427.5  | 450.9  | 476.2  | 501.9  | 527.2  | 552.4  | 567.9  | 583.8  |
| 35°    | 392.0 | 421.0 | 450.0 | 479.0  | 508.0  | 537.5  | 566.9  | 596.4  | 625.9  | 640.8  | 655.8  |
| 37.5°  | 427.5 | 464.0 | 500.0 | 536.5  | 572.5  | 604.8  | 637.1  | 669.4  | 701.6  | 715.7  | 729.7  |
| 40°    | 471.5 | 513.6 | 556.2 | 598.3  | 640.4  | 674.5  | 708.7  | 742.3  | 776.5  | 791.0  | 805.5  |
| 42.5°  | 522.0 | 570.7 | 618.8 | 667.5  | 715.7  | 753.1  | 790.1  | 827.5  | 864.4  | 878.5  | 893.0  |
| 45°    | 576.8 | 633.4 | 689.5 | 746.1  | 802.2  | 841.5  | 880.3  | 919.6  | 958.4  | 972.9  | 987.0  |
| 47.5°  | 635.2 | 696.5 | 757.8 | 819.1  | 880.3  | 923.8  | 967.3  | 1010.8 | 1054.3 | 1073.0 | 1091.3 |
| 50°    | 687.1 | 755.0 | 823.3 | 891.1  | 958.9  | 1005.7 | 1052.5 | 1098.8 | 1145.5 | 1164.3 | 1183.0 |
| 52.5°  | 727.4 | 803.6 | 879.9 | 956.1  | 1032.4 | 1079.1 | 1125.9 | 1172.7 | 1219.5 | 1240.0 | 1261.1 |
| 55°    | 763.9 | 840.1 | 916.3 | 992.6  | 1068.8 | 1119.4 | 1169.4 | 1219.9 | 1270.0 | 1292.9 | 1315.3 |
| 57.5°  | 782.1 | 858.3 | 934.6 | 1010.4 | 1086.6 | 1138.1 | 1189.5 | 1241.0 | 1292.4 | 1316.3 | 1340.6 |
| 60°    | 776.0 | 853.7 | 931.3 | 1009.0 | 1086.6 | 1134.8 | 1183.4 | 1231.6 | 1279.8 | 1304.1 | 1328.0 |
| 62.5°  | 759.6 | 832.1 | 905.1 | 977.6  | 1050.1 | 1099.2 | 1148.8 | 1197.9 | 1247.1 | 1270.4 | 1294.3 |
| 65°    | 723.6 | 791.9 | 860.2 | 928.0  | 996.3  | 1043.6 | 1090.4 | 1137.6 | 1184.4 | 1202.1 | 1219.9 |
| 67.5°  | 664.7 | 729.7 | 794.3 | 859.3  | 923.8  | 961.3  | 998.2  | 1035.6 | 1072.6 | 1092.2 | 1111.9 |
| 70°    | 589.4 | 646.9 | 704.9 | 762.5  | 820.0  | 853.2  | 886.9  | 920.1  | 953.3  | 974.3  | 995.4  |
| 72.5°  | 507.1 | 554.3 | 601.5 | 648.3  | 695.6  | 727.4  | 759.2  | 791.0  | 822.8  | 838.2  | 854.1  |
| 75°    | 415.4 | 452.8 | 490.2 | 527.2  | 564.6  | 589.4  | 614.2  | 638.5  | 663.3  | 675.4  | 687.1  |
| 77.5°  | 316.7 | 344.7 | 372.8 | 400.4  | 428.5  | 446.2  | 464.0  | 481.3  | 499.1  | 510.3  | 521.6  |
| 80°    | 212.4 | 232.5 | 252.6 | 272.2  | 292.4  | 306.9  | 320.9  | 335.4  | 349.4  | 355.5  | 361.1  |
| 82.5°  | 128.6 | 139.9 | 151.1 | 162.3  | 173.5  | 182.9  | 191.8  | 201.1  | 210.0  | 212.8  | 216.1  |
| 85°    | 58.9  | 64.1  | 69.2  | 73.9   | 79.1   | 83.7   | 88.4   | 92.6   | 97.3   | 98.7   | 100.6  |
| 87.5°  | 15.0  | 15.4  | 16.4  | 16.8   | 17.3   | 18.2   | 18.7   | 19.6   | 20.1   | 21.0   | 21.5   |
| 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: P1445214

CATALOG NUMBER: TPTN-VA1-740-U-RW-CG-GM

**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: P1445214

CATALOG NUMBER: TPTN-VA1-740-U-RW-CG-GM

**CANDELA DISTRIBUTION (continued):**

|        | 82.5°  | 85°    | 87.5°  | 90°    | 92.5°  | 95°    | 97.5°  | 100°   | 102.5° | 105°   | 107.5° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 191.8  | 191.8  | 191.8  | 191.8  | 191.8  | 191.8  | 191.8  | 191.8  | 191.8  | 191.8  | 191.8  |
| 2.5°   | 187.6  | 187.6  | 187.6  | 187.6  | 187.6  | 187.6  | 187.6  | 188.0  | 188.0  | 188.0  | 188.0  |
| 5°     | 174.9  | 174.5  | 174.5  | 174.0  | 174.5  | 174.5  | 174.9  | 175.4  | 175.9  | 176.3  | 176.8  |
| 7.5°   | 156.2  | 155.3  | 155.3  | 155.3  | 155.3  | 155.3  | 156.2  | 157.2  | 157.6  | 158.6  | 160.0  |
| 10°    | 139.4  | 138.0  | 137.5  | 136.6  | 137.5  | 138.0  | 139.4  | 140.3  | 141.7  | 142.7  | 145.0  |
| 12.5°  | 139.9  | 138.5  | 138.0  | 137.5  | 138.0  | 138.5  | 139.9  | 141.3  | 142.7  | 144.1  | 145.9  |
| 15°    | 153.4  | 152.5  | 152.0  | 151.1  | 152.0  | 152.5  | 153.4  | 154.8  | 155.8  | 156.7  | 158.1  |
| 17.5°  | 177.7  | 177.7  | 177.7  | 177.7  | 177.7  | 177.7  | 177.7  | 178.2  | 178.2  | 178.2  | 179.2  |
| 20°    | 220.8  | 222.7  | 223.1  | 223.6  | 223.1  | 222.7  | 220.8  | 218.9  | 216.6  | 214.7  | 212.8  |
| 22.5°  | 286.7  | 292.8  | 295.2  | 297.5  | 295.2  | 292.8  | 286.7  | 280.7  | 274.6  | 268.5  | 262.4  |
| 25°    | 381.7  | 392.9  | 397.6  | 402.3  | 397.6  | 392.9  | 381.7  | 370.9  | 359.7  | 348.5  | 334.9  |
| 27.5°  | 472.9  | 486.9  | 492.1  | 497.2  | 492.1  | 486.9  | 472.4  | 458.4  | 444.4  | 429.9  | 409.8  |
| 30°    | 535.6  | 550.1  | 553.8  | 557.1  | 553.8  | 550.1  | 535.6  | 521.1  | 507.1  | 492.6  | 469.6  |
| 32.5°  | 599.2  | 614.6  | 616.0  | 617.4  | 616.0  | 614.6  | 599.2  | 583.3  | 567.9  | 552.4  | 527.2  |
| 35°    | 670.3  | 685.3  | 689.5  | 693.7  | 689.5  | 685.3  | 670.3  | 655.3  | 640.8  | 625.9  | 596.4  |
| 37.5°  | 743.7  | 757.8  | 761.0  | 764.3  | 761.0  | 757.8  | 743.7  | 729.7  | 715.7  | 701.6  | 669.4  |
| 40°    | 820.0  | 834.5  | 836.8  | 838.7  | 836.8  | 834.5  | 820.0  | 805.5  | 791.0  | 776.5  | 742.3  |
| 42.5°  | 907.0  | 921.0  | 923.8  | 926.6  | 923.8  | 921.0  | 907.0  | 892.5  | 878.5  | 864.4  | 827.5  |
| 45°    | 1001.5 | 1015.5 | 1020.7 | 1025.8 | 1020.7 | 1015.5 | 1001.0 | 987.0  | 972.9  | 958.4  | 919.6  |
| 47.5°  | 1110.0 | 1128.2 | 1131.5 | 1134.8 | 1131.5 | 1128.2 | 1109.5 | 1091.3 | 1073.0 | 1054.3 | 1010.8 |
| 50°    | 1201.2 | 1219.9 | 1224.1 | 1228.3 | 1224.1 | 1219.9 | 1201.2 | 1182.5 | 1164.3 | 1145.5 | 1098.8 |
| 52.5°  | 1281.7 | 1302.3 | 1306.5 | 1310.7 | 1306.5 | 1302.3 | 1281.7 | 1260.6 | 1240.0 | 1219.5 | 1172.7 |
| 55°    | 1338.3 | 1360.7 | 1367.7 | 1374.8 | 1367.7 | 1360.7 | 1337.8 | 1315.3 | 1292.9 | 1270.0 | 1219.9 |
| 57.5°  | 1364.5 | 1388.3 | 1394.4 | 1400.5 | 1394.4 | 1388.3 | 1364.5 | 1340.1 | 1316.3 | 1292.4 | 1241.0 |
| 60°    | 1352.3 | 1376.2 | 1382.2 | 1388.3 | 1382.2 | 1376.2 | 1351.8 | 1328.0 | 1304.1 | 1279.8 | 1231.6 |
| 62.5°  | 1317.7 | 1341.1 | 1347.6 | 1353.7 | 1347.2 | 1341.1 | 1317.7 | 1293.8 | 1270.4 | 1247.1 | 1197.9 |
| 65°    | 1237.2 | 1255.0 | 1261.6 | 1267.6 | 1261.1 | 1255.0 | 1237.2 | 1219.5 | 1202.1 | 1184.4 | 1137.6 |
| 67.5°  | 1131.0 | 1150.7 | 1160.1 | 1168.9 | 1159.6 | 1150.7 | 1131.0 | 1111.4 | 1092.2 | 1072.6 | 1035.6 |
| 70°    | 1016.0 | 1037.0 | 1041.2 | 1045.0 | 1041.2 | 1037.0 | 1016.0 | 994.9  | 974.3  | 953.3  | 920.1  |
| 72.5°  | 869.6  | 885.0  | 889.7  | 893.9  | 889.7  | 885.0  | 869.6  | 853.7  | 838.2  | 822.8  | 791.0  |
| 75°    | 699.3  | 711.0  | 716.1  | 720.8  | 716.1  | 711.0  | 699.3  | 687.1  | 675.4  | 663.3  | 638.5  |
| 77.5°  | 532.3  | 543.5  | 546.8  | 550.1  | 546.8  | 543.5  | 532.3  | 521.6  | 510.3  | 499.1  | 481.3  |
| 80°    | 367.2  | 372.8  | 375.6  | 378.0  | 375.6  | 372.8  | 367.2  | 361.1  | 355.5  | 349.4  | 335.4  |
| 82.5°  | 218.9  | 221.7  | 222.7  | 223.1  | 222.7  | 221.7  | 218.9  | 216.1  | 212.8  | 210.0  | 201.1  |
| 85°    | 102.0  | 103.4  | 104.8  | 106.2  | 104.8  | 103.4  | 102.0  | 100.6  | 98.7   | 97.3   | 92.6   |
| 87.5°  | 22.5   | 22.9   | 22.9   | 22.9   | 22.9   | 22.9   | 22.5   | 21.5   | 21.0   | 20.1   | 19.6   |
| 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: P1445214

CATALOG NUMBER: TPTN-VA1-740-U-RW-CG-GM

**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: P1445214

CATALOG NUMBER: TPTN-VA1-740-U-RW-CG-GM

**CANDELA DISTRIBUTION (continued):**

|        | 110°   | 112.5° | 115°   | 117.5° | 120°  | 122.5° | 125°  | 127.5° | 130°  | 132.5° | 135°  |
|--------|--------|--------|--------|--------|-------|--------|-------|--------|-------|--------|-------|
| 0°     | 191.8  | 191.8  | 191.8  | 191.8  | 191.8 | 191.8  | 191.8 | 191.8  | 191.8 | 191.8  | 191.8 |
| 2.5°   | 188.5  | 188.5  | 188.5  | 189.0  | 189.0 | 189.4  | 189.4 | 189.4  | 189.9 | 189.9  | 189.9 |
| 5°     | 177.3  | 177.7  | 178.2  | 179.2  | 180.1 | 180.6  | 181.5 | 182.4  | 183.4 | 184.3  | 185.2 |
| 7.5°   | 161.4  | 162.3  | 163.7  | 165.6  | 167.0 | 168.9  | 170.3 | 172.1  | 174.0 | 175.4  | 177.3 |
| 10°    | 146.9  | 149.2  | 151.1  | 153.4  | 156.2 | 158.6  | 160.9 | 163.7  | 166.5 | 168.9  | 171.7 |
| 12.5°  | 148.3  | 150.2  | 152.0  | 154.4  | 157.2 | 159.5  | 161.8 | 164.7  | 167.5 | 170.3  | 173.1 |
| 15°    | 160.0  | 161.4  | 162.8  | 165.1  | 167.0 | 169.3  | 171.2 | 173.1  | 175.4 | 177.3  | 179.2 |
| 17.5°  | 179.6  | 180.6  | 181.0  | 182.4  | 183.4 | 184.8  | 185.7 | 187.1  | 188.0 | 189.4  | 190.4 |
| 20°    | 211.0  | 209.1  | 207.2  | 206.8  | 205.8 | 205.3  | 204.4 | 204.9  | 205.3 | 205.3  | 205.8 |
| 22.5°  | 256.8  | 250.7  | 244.6  | 240.9  | 236.7 | 232.9  | 229.2 | 227.8  | 226.9 | 225.5  | 224.1 |
| 25°    | 321.4  | 307.8  | 294.2  | 284.9  | 276.0 | 266.6  | 257.7 | 254.0  | 250.3 | 246.0  | 242.3 |
| 27.5°  | 389.6  | 369.1  | 349.0  | 334.0  | 318.5 | 303.6  | 288.6 | 281.6  | 274.6 | 267.6  | 260.5 |
| 30°    | 446.7  | 423.8  | 400.9  | 381.2  | 361.1 | 341.5  | 321.8 | 310.6  | 299.8 | 289.1  | 277.9 |
| 32.5°  | 501.9  | 476.2  | 450.9  | 427.5  | 404.1 | 380.8  | 357.4 | 342.4  | 327.9 | 312.9  | 298.0 |
| 35°    | 566.9  | 537.5  | 508.0  | 479.0  | 450.0 | 421.0  | 392.0 | 373.7  | 355.5 | 337.3  | 319.0 |
| 37.5°  | 637.1  | 604.8  | 572.5  | 536.1  | 500.0 | 463.6  | 427.5 | 405.5  | 384.0 | 362.0  | 340.1 |
| 40°    | 708.7  | 674.5  | 640.4  | 598.3  | 555.7 | 513.6  | 471.5 | 443.4  | 415.8 | 387.8  | 359.7 |
| 42.5°  | 790.1  | 753.1  | 715.7  | 667.0  | 618.8 | 570.2  | 522.0 | 486.9  | 451.9 | 416.3  | 381.2 |
| 45°    | 880.3  | 841.5  | 802.2  | 745.6  | 689.5 | 632.9  | 576.8 | 533.7  | 491.2 | 448.6  | 405.5 |
| 47.5°  | 967.3  | 923.8  | 880.3  | 819.1  | 757.8 | 696.5  | 635.2 | 584.7  | 534.2 | 483.2  | 432.7 |
| 50°    | 1052.5 | 1005.7 | 958.9  | 891.1  | 822.8 | 755.0  | 687.1 | 628.7  | 570.2 | 511.7  | 453.3 |
| 52.5°  | 1125.9 | 1079.1 | 1032.4 | 956.1  | 879.9 | 803.6  | 727.4 | 663.3  | 599.7 | 536.1  | 472.0 |
| 55°    | 1169.4 | 1119.4 | 1068.8 | 992.6  | 916.3 | 840.1  | 763.9 | 694.2  | 624.9 | 555.7  | 486.0 |
| 57.5°  | 1189.5 | 1138.1 | 1086.6 | 1010.4 | 934.1 | 858.3  | 782.1 | 708.2  | 634.8 | 561.3  | 487.4 |
| 60°    | 1183.4 | 1134.8 | 1086.6 | 1009.0 | 931.3 | 853.7  | 776.0 | 702.1  | 628.2 | 553.8  | 479.9 |
| 62.5°  | 1148.8 | 1099.2 | 1050.1 | 977.6  | 904.7 | 832.1  | 759.6 | 687.1  | 614.6 | 542.1  | 469.6 |
| 65°    | 1090.4 | 1043.6 | 996.3  | 928.0  | 859.7 | 791.9  | 723.6 | 653.5  | 583.8 | 514.1  | 443.9 |
| 67.5°  | 998.2  | 961.3  | 923.8  | 858.8  | 794.3 | 729.2  | 664.7 | 600.1  | 536.1 | 472.0  | 407.4 |
| 70°    | 886.9  | 853.2  | 820.0  | 762.5  | 704.4 | 646.9  | 589.4 | 533.2  | 477.1 | 421.0  | 364.9 |
| 72.5°  | 759.2  | 727.4  | 695.6  | 648.3  | 601.1 | 554.3  | 507.1 | 459.3  | 411.6 | 363.9  | 316.2 |
| 75°    | 614.2  | 589.4  | 564.6  | 527.2  | 489.7 | 452.8  | 415.4 | 375.6  | 336.3 | 296.6  | 256.8 |
| 77.5°  | 464.0  | 446.2  | 428.5  | 400.4  | 372.3 | 344.7  | 316.7 | 285.8  | 254.9 | 224.1  | 193.2 |
| 80°    | 320.9  | 306.9  | 292.4  | 272.2  | 252.1 | 232.5  | 212.4 | 191.8  | 171.7 | 151.6  | 131.0 |
| 82.5°  | 191.8  | 182.9  | 173.5  | 162.3  | 151.1 | 139.9  | 128.6 | 116.5  | 104.3 | 91.7   | 79.5  |
| 85°    | 88.4   | 83.7   | 79.1   | 73.9   | 68.8  | 64.1   | 58.9  | 53.8   | 48.6  | 43.0   | 37.9  |
| 87.5°  | 18.7   | 18.2   | 17.3   | 16.8   | 16.4  | 15.4   | 15.0  | 14.5   | 13.6  | 13.1   | 12.2  |
| 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: P1445214

CATALOG NUMBER: TPTN-VA1-740-U-RW-CG-GM

**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: P1445214

CATALOG NUMBER: TPTN-VA1-740-U-RW-CG-GM

**CANDELA DISTRIBUTION (continued):**

|        | 137.5° | 140°  | 142.5° | 145°  | 147.5° | 150°  | 152.5° | 155°  | 157.5° | 160°  | 162.5° |
|--------|--------|-------|--------|-------|--------|-------|--------|-------|--------|-------|--------|
| 0°     | 191.8  | 191.8 | 191.8  | 191.8 | 191.8  | 191.8 | 191.8  | 191.8 | 191.8  | 191.8 | 191.8  |
| 2.5°   | 190.4  | 190.4 | 190.8  | 190.8 | 191.3  | 191.3 | 191.8  | 191.8 | 191.8  | 191.8 | 191.8  |
| 5°     | 185.7  | 186.6 | 187.1  | 187.6 | 188.0  | 189.0 | 189.4  | 189.9 | 190.4  | 190.8 | 190.8  |
| 7.5°   | 179.2  | 180.6 | 182.4  | 183.8 | 184.8  | 185.7 | 186.6  | 187.6 | 188.0  | 188.5 | 189.0  |
| 10°    | 174.0  | 176.3 | 178.7  | 181.0 | 182.4  | 183.8 | 184.8  | 186.2 | 186.6  | 187.6 | 188.0  |
| 12.5°  | 175.9  | 178.2 | 181.0  | 183.4 | 184.8  | 186.6 | 188.0  | 189.4 | 189.9  | 190.4 | 190.4  |
| 15°    | 181.5  | 183.8 | 186.2  | 188.5 | 190.4  | 191.8 | 193.7  | 195.1 | 195.1  | 195.5 | 195.5  |
| 17.5°  | 191.8  | 193.2 | 194.1  | 195.5 | 196.9  | 198.3 | 199.3  | 200.7 | 200.7  | 201.1 | 201.1  |
| 20°    | 205.8  | 205.8 | 205.8  | 205.8 | 206.3  | 206.3 | 206.8  | 206.8 | 207.2  | 207.2 | 207.7  |
| 22.5°  | 222.7  | 221.7 | 220.3  | 218.9 | 218.0  | 216.6 | 215.6  | 214.2 | 214.2  | 214.2 | 213.8  |
| 25°    | 240.4  | 238.6 | 236.2  | 234.3 | 232.0  | 229.2 | 226.9  | 224.1 | 223.1  | 222.2 | 220.8  |
| 27.5°  | 257.7  | 254.9 | 252.1  | 249.3 | 245.6  | 241.8 | 237.6  | 233.9 | 232.0  | 229.7 | 227.8  |
| 30°    | 274.1  | 270.4 | 266.6  | 262.9 | 258.2  | 253.5 | 248.4  | 243.7 | 240.4  | 237.2 | 233.9  |
| 32.5°  | 292.4  | 286.7 | 280.7  | 275.0 | 269.9  | 264.3 | 259.1  | 253.5 | 249.3  | 245.1 | 240.4  |
| 35°    | 311.1  | 303.1 | 294.7  | 286.7 | 281.1  | 275.0 | 269.4  | 263.4 | 258.2  | 252.6 | 247.4  |
| 37.5°  | 329.8  | 319.9 | 309.7  | 299.4 | 292.8  | 286.3 | 279.3  | 272.7 | 266.6  | 260.5 | 254.0  |
| 40°    | 348.0  | 335.9 | 324.2  | 312.0 | 304.5  | 297.5 | 290.0  | 282.5 | 275.5  | 268.5 | 261.5  |
| 42.5°  | 367.2  | 352.7 | 338.7  | 324.2 | 315.7  | 307.3 | 298.9  | 290.5 | 283.0  | 276.0 | 268.5  |
| 45°    | 388.2  | 371.4 | 354.1  | 336.8 | 327.4  | 318.1 | 308.7  | 299.4 | 291.4  | 283.0 | 275.0  |
| 47.5°  | 411.6  | 390.1 | 369.1  | 347.5 | 337.7  | 327.4 | 317.6  | 307.3 | 298.4  | 290.0 | 281.1  |
| 50°    | 428.5  | 403.2 | 378.4  | 353.2 | 342.9  | 332.6 | 321.8  | 311.5 | 302.2  | 293.3 | 283.9  |
| 52.5°  | 443.4  | 414.9 | 386.4  | 357.8 | 347.1  | 335.9 | 325.1  | 313.9 | 304.5  | 294.7 | 285.3  |
| 55°    | 453.7  | 421.5 | 389.2  | 356.9 | 345.7  | 334.0 | 322.8  | 311.1 | 301.7  | 291.9 | 282.5  |
| 57.5°  | 451.9  | 416.8 | 381.2  | 345.7 | 334.5  | 323.2 | 311.5  | 300.3 | 291.4  | 282.5 | 273.6  |
| 60°    | 442.5  | 405.1 | 367.2  | 329.8 | 318.5  | 307.3 | 295.6  | 284.4 | 276.0  | 268.0 | 259.6  |
| 62.5°  | 430.3  | 390.6 | 351.3  | 311.5 | 299.4  | 287.7 | 275.5  | 263.4 | 256.3  | 249.3 | 241.8  |
| 65°    | 404.1  | 364.4 | 324.2  | 284.4 | 273.6  | 262.4 | 251.7  | 240.4 | 233.9  | 227.3 | 220.8  |
| 67.5°  | 369.1  | 330.7 | 292.4  | 254.0 | 243.7  | 233.9 | 223.6  | 213.3 | 207.2  | 201.1 | 195.1  |
| 70°    | 329.3  | 293.8 | 258.2  | 222.7 | 212.8  | 203.0 | 192.7  | 182.9 | 177.7  | 173.1 | 167.9  |
| 72.5°  | 284.4  | 252.1 | 220.3  | 188.0 | 178.7  | 169.8 | 160.4  | 151.1 | 147.3  | 143.1 | 139.4  |
| 75°    | 230.1  | 203.5 | 176.8  | 150.2 | 142.7  | 134.7 | 127.2  | 119.3 | 116.5  | 113.7 | 110.4  |
| 77.5°  | 173.1  | 152.5 | 132.4  | 111.8 | 105.7  | 99.6  | 93.6   | 87.5  | 85.6   | 83.7  | 81.9   |
| 80°    | 117.4  | 104.3 | 90.7   | 77.2  | 72.5   | 67.8  | 63.1   | 58.5  | 57.5   | 56.6  | 55.2   |
| 82.5°  | 71.6   | 63.1  | 55.2   | 46.8  | 44.0   | 41.2  | 38.4   | 35.5  | 35.1   | 34.6  | 33.7   |
| 85°    | 34.6   | 30.9  | 27.6   | 23.9  | 22.9   | 21.5  | 20.6   | 19.2  | 19.2   | 18.7  | 18.7   |
| 87.5°  | 12.2   | 12.2  | 11.7   | 11.7  | 11.7   | 11.7  | 11.7   | 11.7  | 11.7   | 11.7  | 11.7   |
| 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: P1445214

CATALOG NUMBER: TPTN-VA1-740-U-RW-CG-GM

**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: P1445214

CATALOG NUMBER: TPTN-VA1-740-U-RW-CG-GM

**CANDELA DISTRIBUTION (continued):**

|        | 165°  | 167.5° | 170°  | 172.5° | 175°  | 177.5° | 180°  | 182.5° | 185°  | 187.5° | 190°  |
|--------|-------|--------|-------|--------|-------|--------|-------|--------|-------|--------|-------|
| 0°     | 191.8 | 191.8  | 191.8 | 191.8  | 191.8 | 191.8  | 191.8 | 191.8  | 191.8 | 191.8  | 191.8 |
| 2.5°   | 191.8 | 191.8  | 192.3 | 192.3  | 192.3 | 192.3  | 192.3 | 192.3  | 192.3 | 192.3  | 192.3 |
| 5°     | 191.3 | 191.8  | 191.8 | 192.3  | 192.3 | 192.7  | 192.7 | 192.7  | 192.3 | 192.3  | 191.8 |
| 7.5°   | 189.4 | 189.9  | 189.9 | 190.4  | 190.4 | 190.4  | 190.4 | 190.4  | 190.4 | 190.4  | 189.9 |
| 10°    | 188.5 | 188.5  | 189.0 | 189.0  | 189.0 | 189.0  | 189.0 | 189.0  | 189.0 | 189.0  | 189.0 |
| 12.5°  | 190.8 | 190.8  | 190.4 | 190.4  | 189.9 | 189.9  | 189.4 | 189.9  | 189.9 | 190.4  | 190.4 |
| 15°    | 195.5 | 195.1  | 194.6 | 194.1  | 193.7 | 193.7  | 193.2 | 193.7  | 193.7 | 194.1  | 194.6 |
| 17.5°  | 201.1 | 200.7  | 199.7 | 199.3  | 198.3 | 197.9  | 196.9 | 197.9  | 198.3 | 199.3  | 199.7 |
| 20°    | 207.7 | 206.8  | 205.3 | 204.4  | 203.0 | 202.5  | 201.6 | 202.5  | 203.0 | 204.4  | 205.3 |
| 22.5°  | 213.8 | 212.4  | 211.0 | 209.1  | 207.7 | 206.8  | 205.8 | 206.8  | 207.7 | 209.1  | 211.0 |
| 25°    | 219.8 | 218.0  | 216.6 | 214.7  | 212.8 | 211.9  | 210.5 | 211.9  | 212.8 | 214.7  | 216.6 |
| 27.5°  | 225.5 | 223.6  | 221.7 | 219.8  | 218.0 | 216.6  | 215.2 | 216.6  | 218.0 | 219.8  | 221.7 |
| 30°    | 230.6 | 228.7  | 226.4 | 224.1  | 222.2 | 220.8  | 219.4 | 220.8  | 222.2 | 224.5  | 226.4 |
| 32.5°  | 236.2 | 233.9  | 231.5 | 229.2  | 226.9 | 225.0  | 223.1 | 225.0  | 226.9 | 229.2  | 231.5 |
| 35°    | 241.8 | 239.0  | 236.7 | 233.9  | 231.1 | 229.2  | 227.3 | 229.2  | 231.1 | 233.9  | 236.7 |
| 37.5°  | 247.9 | 244.6  | 241.8 | 238.6  | 235.3 | 232.9  | 231.1 | 233.4  | 235.3 | 238.6  | 241.8 |
| 40°    | 254.5 | 250.7  | 247.4 | 243.7  | 240.0 | 237.6  | 235.3 | 237.6  | 240.0 | 243.7  | 247.4 |
| 42.5°  | 261.0 | 256.8  | 252.6 | 247.9  | 243.7 | 241.4  | 239.0 | 241.4  | 243.7 | 247.9  | 252.6 |
| 45°    | 266.6 | 261.9  | 257.3 | 252.6  | 247.9 | 245.6  | 243.2 | 245.6  | 247.9 | 252.6  | 257.3 |
| 47.5°  | 272.2 | 267.1  | 261.9 | 256.8  | 251.7 | 249.3  | 247.0 | 249.3  | 251.7 | 256.8  | 261.9 |
| 50°    | 274.6 | 269.0  | 263.8 | 258.2  | 252.6 | 249.8  | 247.4 | 250.3  | 252.6 | 258.2  | 263.8 |
| 52.5°  | 275.5 | 269.9  | 264.3 | 258.2  | 252.6 | 249.8  | 247.4 | 250.3  | 252.6 | 258.2  | 264.3 |
| 55°    | 272.7 | 266.6  | 261.0 | 254.9  | 248.8 | 246.0  | 243.7 | 246.5  | 248.8 | 254.9  | 261.0 |
| 57.5°  | 264.8 | 258.7  | 253.1 | 247.0  | 240.9 | 237.6  | 234.8 | 238.1  | 240.9 | 247.0  | 253.1 |
| 60°    | 251.2 | 245.6  | 240.4 | 234.8  | 229.2 | 225.9  | 222.7 | 225.9  | 229.2 | 234.8  | 240.4 |
| 62.5°  | 234.8 | 229.7  | 224.5 | 219.4  | 214.2 | 211.0  | 208.2 | 211.4  | 214.2 | 219.4  | 224.5 |
| 65°    | 214.2 | 209.6  | 204.9 | 199.7  | 195.1 | 191.3  | 187.6 | 191.3  | 195.1 | 199.7  | 204.9 |
| 67.5°  | 189.0 | 184.8  | 181.0 | 176.8  | 172.6 | 168.9  | 165.6 | 169.3  | 172.6 | 176.8  | 181.0 |
| 70°    | 162.8 | 159.5  | 156.2 | 152.5  | 149.2 | 145.9  | 143.1 | 146.4  | 149.2 | 152.5  | 156.2 |
| 72.5°  | 135.2 | 131.9  | 128.6 | 125.4  | 122.1 | 118.8  | 115.5 | 118.8  | 122.1 | 125.4  | 128.6 |
| 75°    | 107.6 | 104.8  | 102.0 | 98.7   | 95.9  | 93.1   | 90.3  | 93.1   | 95.9  | 98.7   | 102.0 |
| 77.5°  | 80.0  | 77.6   | 75.3  | 72.5   | 70.2  | 66.9   | 64.1  | 67.4   | 70.2  | 72.5   | 75.3  |
| 80°    | 54.3  | 51.9   | 50.1  | 47.7   | 45.4  | 43.0   | 40.7  | 43.0   | 45.4  | 47.7   | 50.1  |
| 82.5°  | 33.2  | 31.3   | 29.5  | 27.1   | 25.3  | 22.9   | 20.6  | 22.9   | 25.3  | 27.1   | 29.5  |
| 85°    | 18.2  | 16.8   | 15.4  | 13.6   | 12.2  | 9.4    | 6.5   | 9.4    | 12.2  | 13.6   | 15.4  |
| 87.5°  | 11.7  | 10.3   | 8.9   | 7.0    | 5.6   | 3.3    | 0.9   | 3.3    | 5.6   | 7.0    | 8.9   |
| 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: P1445214

CATALOG NUMBER: TPTN-VA1-740-U-RW-CG-GM

**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: P1445214

CATALOG NUMBER: TPTN-VA1-740-U-RW-CG-GM

**CANDELA DISTRIBUTION (continued):**

|        | 192.5° | 195°  | 197.5° | 200°  | 202.5° | 205°  | 207.5° | 210°  | 212.5° | 215°  | 217.5° |
|--------|--------|-------|--------|-------|--------|-------|--------|-------|--------|-------|--------|
| 0°     | 191.8  | 191.8 | 191.8  | 191.8 | 191.8  | 191.8 | 191.8  | 191.8 | 191.8  | 191.8 | 191.8  |
| 2.5°   | 191.8  | 191.8 | 191.8  | 191.8 | 191.8  | 191.8 | 191.8  | 191.3 | 191.3  | 190.8 | 190.8  |
| 5°     | 191.8  | 191.3 | 190.8  | 190.8 | 190.4  | 189.9 | 189.4  | 189.0 | 188.0  | 187.6 | 187.1  |
| 7.5°   | 189.9  | 189.4 | 189.0  | 188.5 | 188.0  | 187.6 | 186.6  | 185.7 | 184.8  | 183.8 | 182.4  |
| 10°    | 188.5  | 188.5 | 188.0  | 187.6 | 186.6  | 186.2 | 184.8  | 183.8 | 182.4  | 181.0 | 178.7  |
| 12.5°  | 190.8  | 190.8 | 190.4  | 190.4 | 189.9  | 189.4 | 188.0  | 186.6 | 184.8  | 183.4 | 181.0  |
| 15°    | 195.1  | 195.5 | 195.5  | 195.5 | 195.1  | 195.1 | 193.7  | 191.8 | 190.4  | 188.5 | 186.2  |
| 17.5°  | 200.7  | 201.1 | 201.1  | 201.1 | 200.7  | 200.7 | 199.3  | 198.3 | 196.9  | 195.5 | 194.1  |
| 20°    | 206.8  | 207.7 | 207.7  | 207.2 | 207.2  | 206.8 | 206.8  | 206.3 | 206.3  | 205.8 | 205.8  |
| 22.5°  | 212.4  | 213.8 | 213.8  | 214.2 | 214.2  | 214.2 | 215.6  | 216.6 | 218.0  | 218.9 | 220.3  |
| 25°    | 218.0  | 219.8 | 220.8  | 222.2 | 223.1  | 224.1 | 226.9  | 229.2 | 232.0  | 234.3 | 236.2  |
| 27.5°  | 223.6  | 225.5 | 227.8  | 229.7 | 232.0  | 233.9 | 237.6  | 241.8 | 245.6  | 249.3 | 252.1  |
| 30°    | 228.7  | 230.6 | 233.9  | 237.2 | 240.4  | 243.7 | 248.4  | 253.5 | 258.2  | 262.9 | 266.6  |
| 32.5°  | 233.9  | 236.2 | 240.4  | 245.1 | 249.3  | 253.5 | 259.1  | 264.3 | 269.9  | 275.0 | 280.7  |
| 35°    | 239.0  | 241.8 | 247.4  | 252.6 | 258.2  | 263.4 | 269.4  | 275.0 | 281.1  | 286.7 | 294.7  |
| 37.5°  | 244.6  | 247.9 | 254.0  | 260.5 | 266.6  | 272.7 | 279.3  | 286.3 | 292.8  | 299.4 | 309.7  |
| 40°    | 250.7  | 254.5 | 261.5  | 268.5 | 275.5  | 282.5 | 290.0  | 297.5 | 304.5  | 312.0 | 324.2  |
| 42.5°  | 256.8  | 261.0 | 268.5  | 276.0 | 283.0  | 290.5 | 298.9  | 307.3 | 315.7  | 324.2 | 338.7  |
| 45°    | 261.9  | 266.6 | 275.0  | 283.0 | 291.4  | 299.4 | 308.7  | 318.1 | 327.4  | 336.8 | 354.1  |
| 47.5°  | 267.1  | 272.2 | 281.1  | 290.0 | 298.4  | 307.3 | 317.6  | 327.4 | 337.7  | 347.5 | 369.1  |
| 50°    | 269.0  | 274.6 | 283.9  | 293.3 | 302.2  | 311.5 | 321.8  | 332.6 | 342.9  | 353.2 | 378.4  |
| 52.5°  | 269.9  | 275.5 | 285.3  | 294.7 | 304.5  | 313.9 | 325.1  | 335.9 | 347.1  | 357.8 | 386.4  |
| 55°    | 266.6  | 272.7 | 282.5  | 291.9 | 301.7  | 311.1 | 322.8  | 334.0 | 345.7  | 356.9 | 389.2  |
| 57.5°  | 258.7  | 264.8 | 273.6  | 282.5 | 291.4  | 300.3 | 311.5  | 323.2 | 334.5  | 345.7 | 381.2  |
| 60°    | 245.6  | 251.2 | 259.6  | 268.0 | 276.0  | 284.4 | 295.6  | 307.3 | 318.5  | 329.8 | 367.2  |
| 62.5°  | 229.7  | 234.8 | 241.8  | 249.3 | 256.3  | 263.4 | 275.5  | 287.7 | 299.4  | 311.5 | 351.3  |
| 65°    | 209.6  | 214.2 | 220.8  | 227.3 | 233.9  | 240.4 | 251.7  | 262.4 | 273.6  | 284.4 | 324.2  |
| 67.5°  | 184.8  | 189.0 | 195.1  | 201.1 | 207.2  | 213.3 | 223.6  | 233.9 | 243.7  | 254.0 | 292.4  |
| 70°    | 159.5  | 162.8 | 167.9  | 173.1 | 177.7  | 182.9 | 192.7  | 203.0 | 212.8  | 222.7 | 258.2  |
| 72.5°  | 131.9  | 135.2 | 139.4  | 143.1 | 147.3  | 151.1 | 160.4  | 169.8 | 178.7  | 188.0 | 220.3  |
| 75°    | 104.8  | 107.6 | 110.4  | 113.7 | 116.5  | 119.3 | 127.2  | 134.7 | 142.7  | 150.2 | 176.8  |
| 77.5°  | 77.6   | 80.0  | 81.9   | 83.7  | 85.6   | 87.5  | 93.6   | 99.6  | 105.7  | 111.8 | 132.4  |
| 80°    | 51.9   | 54.3  | 55.2   | 56.6  | 57.5   | 58.5  | 63.1   | 67.8  | 72.5   | 77.2  | 90.7   |
| 82.5°  | 31.3   | 33.2  | 33.7   | 34.6  | 35.1   | 35.5  | 38.4   | 41.2  | 44.0   | 46.8  | 55.2   |
| 85°    | 16.8   | 18.2  | 18.7   | 18.7  | 19.2   | 19.2  | 20.6   | 21.5  | 22.9   | 23.9  | 27.6   |
| 87.5°  | 10.3   | 11.7  | 11.7   | 11.7  | 11.7   | 11.7  | 11.7   | 11.7  | 11.7   | 11.7  | 11.7   |
| 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: P1445214

CATALOG NUMBER: TPTN-VA1-740-U-RW-CG-GM

**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: P1445214

CATALOG NUMBER: TPTN-VA1-740-U-RW-CG-GM

**CANDELA DISTRIBUTION (continued):**

|        | 220°  | 222.5° | 225°  | 227.5° | 230°  | 232.5° | 235°  | 237.5° | 240°  | 242.5° | 245°   |
|--------|-------|--------|-------|--------|-------|--------|-------|--------|-------|--------|--------|
| 0°     | 191.8 | 191.8  | 191.8 | 191.8  | 191.8 | 191.8  | 191.8 | 191.8  | 191.8 | 191.8  | 191.8  |
| 2.5°   | 190.4 | 190.4  | 189.9 | 189.9  | 189.9 | 189.4  | 189.4 | 189.4  | 189.0 | 189.0  | 188.5  |
| 5°     | 186.6 | 185.7  | 185.2 | 184.3  | 183.4 | 182.4  | 181.5 | 180.6  | 180.1 | 179.2  | 178.2  |
| 7.5°   | 180.6 | 179.2  | 177.3 | 175.4  | 174.0 | 172.1  | 170.3 | 168.9  | 167.0 | 165.6  | 163.7  |
| 10°    | 176.3 | 174.0  | 171.7 | 168.9  | 166.5 | 163.7  | 160.9 | 158.6  | 156.2 | 153.4  | 151.1  |
| 12.5°  | 178.2 | 175.9  | 173.1 | 170.3  | 167.5 | 164.7  | 161.8 | 159.5  | 157.2 | 154.4  | 152.0  |
| 15°    | 183.8 | 181.5  | 179.2 | 177.3  | 175.4 | 173.1  | 171.2 | 169.3  | 167.0 | 165.1  | 162.8  |
| 17.5°  | 193.2 | 191.8  | 190.4 | 189.4  | 188.0 | 187.1  | 185.7 | 184.8  | 183.4 | 182.4  | 181.0  |
| 20°    | 205.8 | 205.8  | 205.8 | 205.3  | 205.3 | 204.9  | 204.4 | 205.3  | 205.8 | 206.8  | 207.2  |
| 22.5°  | 221.7 | 222.7  | 224.1 | 225.5  | 226.9 | 227.8  | 229.2 | 232.9  | 237.2 | 240.9  | 244.6  |
| 25°    | 238.6 | 240.4  | 242.3 | 246.0  | 250.3 | 254.0  | 257.7 | 267.1  | 276.0 | 285.3  | 294.2  |
| 27.5°  | 254.9 | 257.7  | 260.5 | 267.6  | 274.6 | 281.6  | 288.6 | 303.6  | 319.0 | 334.0  | 349.0  |
| 30°    | 270.4 | 274.1  | 277.9 | 289.1  | 299.8 | 311.1  | 321.8 | 341.5  | 361.6 | 381.2  | 400.9  |
| 32.5°  | 286.7 | 292.4  | 298.0 | 312.9  | 327.9 | 342.4  | 357.4 | 380.8  | 404.1 | 427.5  | 450.9  |
| 35°    | 303.1 | 311.1  | 319.0 | 337.3  | 355.5 | 373.7  | 392.0 | 421.0  | 450.0 | 479.0  | 508.0  |
| 37.5°  | 319.9 | 329.8  | 340.1 | 362.0  | 384.0 | 405.5  | 427.5 | 464.0  | 500.0 | 536.5  | 572.5  |
| 40°    | 335.9 | 348.0  | 359.7 | 387.8  | 415.8 | 443.4  | 471.5 | 513.6  | 556.2 | 598.3  | 640.4  |
| 42.5°  | 352.7 | 367.2  | 381.2 | 416.3  | 451.9 | 486.9  | 522.0 | 570.7  | 618.8 | 667.5  | 715.7  |
| 45°    | 371.4 | 388.2  | 405.5 | 448.6  | 491.2 | 534.2  | 576.8 | 633.4  | 689.5 | 746.1  | 802.2  |
| 47.5°  | 390.1 | 411.6  | 432.7 | 483.2  | 534.2 | 584.7  | 635.2 | 696.5  | 757.8 | 819.1  | 880.3  |
| 50°    | 403.2 | 428.5  | 453.3 | 511.7  | 570.2 | 628.7  | 687.1 | 755.0  | 823.3 | 891.1  | 958.9  |
| 52.5°  | 414.9 | 443.4  | 472.0 | 536.1  | 599.7 | 663.8  | 727.4 | 803.6  | 879.9 | 956.1  | 1032.4 |
| 55°    | 421.5 | 453.7  | 486.0 | 555.7  | 624.9 | 694.6  | 763.9 | 840.1  | 916.3 | 992.6  | 1068.8 |
| 57.5°  | 416.8 | 451.9  | 487.4 | 561.3  | 634.8 | 708.7  | 782.1 | 858.3  | 934.6 | 1010.4 | 1086.6 |
| 60°    | 405.1 | 442.5  | 479.9 | 553.8  | 628.2 | 702.1  | 776.0 | 853.7  | 931.3 | 1009.0 | 1086.6 |
| 62.5°  | 390.6 | 430.3  | 469.6 | 542.1  | 614.6 | 687.1  | 759.6 | 832.1  | 905.1 | 977.6  | 1050.1 |
| 65°    | 364.4 | 404.1  | 443.9 | 514.1  | 583.8 | 653.9  | 723.6 | 791.9  | 860.2 | 928.0  | 996.3  |
| 67.5°  | 330.7 | 369.1  | 407.4 | 472.0  | 536.1 | 600.6  | 664.7 | 729.7  | 794.3 | 859.3  | 923.8  |
| 70°    | 293.8 | 329.3  | 364.9 | 421.0  | 477.1 | 533.2  | 589.4 | 646.9  | 704.9 | 762.5  | 820.0  |
| 72.5°  | 252.1 | 284.4  | 316.2 | 363.9  | 411.6 | 459.3  | 507.1 | 554.3  | 601.5 | 648.3  | 695.6  |
| 75°    | 203.5 | 230.1  | 256.8 | 296.6  | 336.3 | 375.6  | 415.4 | 452.8  | 490.2 | 527.2  | 564.6  |
| 77.5°  | 152.5 | 173.1  | 193.2 | 224.1  | 254.9 | 285.8  | 316.7 | 344.7  | 372.8 | 400.4  | 428.5  |
| 80°    | 104.3 | 117.4  | 131.0 | 151.6  | 171.7 | 192.3  | 212.4 | 232.5  | 252.6 | 272.2  | 292.4  |
| 82.5°  | 63.1  | 71.6   | 79.5  | 91.7   | 104.3 | 116.5  | 128.6 | 139.9  | 151.1 | 162.3  | 173.5  |
| 85°    | 30.9  | 34.6   | 37.9  | 43.0   | 48.6  | 53.8   | 58.9  | 64.1   | 69.2  | 73.9   | 79.1   |
| 87.5°  | 12.2  | 12.2   | 12.2  | 13.1   | 13.6  | 14.5   | 15.0  | 15.4   | 16.4  | 16.8   | 17.3   |
| 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: P1445214

CATALOG NUMBER: TPTN-VA1-740-U-RW-CG-GM

**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: P1445214

CATALOG NUMBER: TPTN-VA1-740-U-RW-CG-GM

**CANDELA DISTRIBUTION (continued):**

|        | 247.5° | 250°   | 252.5° | 255°   | 257.5° | 260°   | 262.5° | 265°   | 267.5° | 270°   | 272.5° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 191.8  | 191.8  | 191.8  | 191.8  | 191.8  | 191.8  | 191.8  | 191.8  | 191.8  | 191.8  | 191.8  |
| 2.5°   | 188.5  | 188.5  | 188.0  | 188.0  | 188.0  | 188.0  | 187.6  | 187.6  | 187.6  | 187.6  | 187.6  |
| 5°     | 177.7  | 177.3  | 176.8  | 176.3  | 175.9  | 175.4  | 174.9  | 174.5  | 174.5  | 174.0  | 174.5  |
| 7.5°   | 162.3  | 161.4  | 160.0  | 158.6  | 157.6  | 157.2  | 156.2  | 155.3  | 155.3  | 155.3  | 155.3  |
| 10°    | 149.2  | 146.9  | 145.0  | 142.7  | 141.7  | 140.3  | 139.4  | 138.0  | 137.5  | 136.6  | 137.5  |
| 12.5°  | 150.2  | 148.3  | 145.9  | 144.1  | 142.7  | 141.3  | 139.9  | 138.5  | 138.0  | 137.5  | 138.0  |
| 15°    | 161.4  | 160.0  | 158.1  | 156.7  | 155.8  | 154.8  | 153.4  | 152.5  | 152.0  | 151.1  | 152.0  |
| 17.5°  | 180.6  | 179.6  | 179.2  | 178.2  | 178.2  | 178.2  | 177.7  | 177.7  | 177.7  | 177.7  | 177.7  |
| 20°    | 209.1  | 211.0  | 212.8  | 214.7  | 216.6  | 218.9  | 220.8  | 222.7  | 223.1  | 223.6  | 223.1  |
| 22.5°  | 250.7  | 256.8  | 262.4  | 268.5  | 274.6  | 280.7  | 286.7  | 292.8  | 295.2  | 297.5  | 295.2  |
| 25°    | 307.8  | 321.4  | 334.9  | 348.5  | 359.7  | 370.9  | 381.7  | 392.9  | 397.6  | 402.3  | 397.6  |
| 27.5°  | 369.1  | 389.6  | 409.8  | 429.9  | 443.9  | 458.4  | 472.4  | 486.9  | 492.1  | 497.2  | 492.1  |
| 30°    | 423.8  | 446.7  | 469.6  | 492.6  | 507.1  | 521.6  | 535.6  | 550.1  | 553.4  | 557.1  | 553.8  |
| 32.5°  | 476.2  | 501.9  | 527.2  | 552.4  | 567.9  | 583.8  | 599.2  | 614.6  | 616.0  | 617.4  | 616.0  |
| 35°    | 537.5  | 566.9  | 596.4  | 625.9  | 640.8  | 655.8  | 670.3  | 685.3  | 689.5  | 693.7  | 689.5  |
| 37.5°  | 604.8  | 637.1  | 669.4  | 701.6  | 715.7  | 729.7  | 743.7  | 757.8  | 761.0  | 764.3  | 761.0  |
| 40°    | 674.5  | 708.7  | 742.3  | 776.5  | 791.0  | 805.5  | 820.0  | 834.5  | 836.4  | 838.7  | 836.8  |
| 42.5°  | 753.1  | 790.1  | 827.0  | 864.4  | 878.5  | 893.0  | 907.0  | 921.0  | 923.8  | 926.6  | 923.8  |
| 45°    | 841.5  | 880.3  | 919.2  | 958.4  | 972.5  | 987.0  | 1001.0 | 1015.5 | 1020.7 | 1025.8 | 1020.7 |
| 47.5°  | 923.8  | 967.3  | 1010.8 | 1054.3 | 1072.6 | 1091.3 | 1109.5 | 1128.2 | 1131.5 | 1134.8 | 1131.5 |
| 50°    | 1005.7 | 1052.5 | 1098.8 | 1145.5 | 1164.3 | 1183.0 | 1201.2 | 1219.9 | 1224.1 | 1228.3 | 1224.1 |
| 52.5°  | 1079.1 | 1125.9 | 1172.7 | 1219.5 | 1240.0 | 1261.1 | 1281.7 | 1302.3 | 1306.5 | 1310.7 | 1306.5 |
| 55°    | 1119.4 | 1169.4 | 1219.5 | 1270.0 | 1292.4 | 1315.3 | 1337.8 | 1360.7 | 1367.7 | 1374.8 | 1367.7 |
| 57.5°  | 1138.1 | 1189.5 | 1241.0 | 1292.4 | 1316.3 | 1340.6 | 1364.5 | 1388.3 | 1394.4 | 1400.5 | 1394.4 |
| 60°    | 1134.8 | 1183.4 | 1231.6 | 1279.8 | 1303.7 | 1328.0 | 1351.8 | 1376.2 | 1382.2 | 1388.3 | 1382.2 |
| 62.5°  | 1099.2 | 1148.8 | 1197.9 | 1247.1 | 1270.4 | 1294.3 | 1317.7 | 1341.1 | 1347.2 | 1353.7 | 1347.6 |
| 65°    | 1043.6 | 1090.4 | 1137.1 | 1184.4 | 1202.1 | 1219.9 | 1237.2 | 1255.0 | 1261.1 | 1267.6 | 1261.6 |
| 67.5°  | 961.3  | 998.2  | 1035.2 | 1072.6 | 1092.2 | 1111.9 | 1131.0 | 1150.7 | 1159.6 | 1168.9 | 1160.1 |
| 70°    | 853.2  | 886.9  | 920.1  | 953.3  | 974.3  | 995.4  | 1016.0 | 1037.0 | 1040.8 | 1045.0 | 1041.2 |
| 72.5°  | 727.4  | 759.2  | 791.0  | 822.8  | 838.2  | 854.1  | 869.6  | 885.0  | 889.2  | 893.9  | 889.7  |
| 75°    | 589.4  | 614.2  | 638.5  | 663.3  | 675.0  | 687.1  | 698.8  | 711.0  | 715.7  | 720.8  | 716.1  |
| 77.5°  | 446.2  | 464.0  | 481.3  | 499.1  | 510.3  | 521.6  | 532.3  | 543.5  | 546.8  | 550.1  | 546.8  |
| 80°    | 306.9  | 320.9  | 334.9  | 349.4  | 355.0  | 361.1  | 366.7  | 372.8  | 375.1  | 378.0  | 375.6  |
| 82.5°  | 182.9  | 191.8  | 200.7  | 210.0  | 212.8  | 216.1  | 218.9  | 221.7  | 222.7  | 223.1  | 222.7  |
| 85°    | 83.7   | 88.4   | 92.6   | 97.3   | 98.7   | 100.6  | 102.0  | 103.4  | 104.8  | 106.2  | 104.8  |
| 87.5°  | 18.2   | 18.7   | 19.6   | 20.1   | 21.0   | 21.5   | 22.5   | 22.9   | 22.9   | 22.9   | 22.9   |
| 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: P1445214

CATALOG NUMBER: TPTN-VA1-740-U-RW-CG-GM

**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: P1445214

CATALOG NUMBER: TPTN-VA1-740-U-RW-CG-GM

**CANDELA DISTRIBUTION (continued):**

|        | 275°   | 277.5° | 280°   | 282.5° | 285°   | 287.5° | 290°   | 292.5° | 295°   | 297.5° | 300°  |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|
| 0°     | 191.8  | 191.8  | 191.8  | 191.8  | 191.8  | 191.8  | 191.8  | 191.8  | 191.8  | 191.8  | 191.8 |
| 2.5°   | 187.6  | 187.6  | 188.0  | 188.0  | 188.0  | 188.0  | 188.5  | 188.5  | 188.5  | 189.0  | 189.0 |
| 5°     | 174.5  | 174.9  | 175.4  | 175.9  | 176.3  | 176.8  | 177.3  | 177.7  | 178.2  | 179.2  | 180.1 |
| 7.5°   | 155.3  | 156.2  | 157.2  | 157.6  | 158.6  | 160.0  | 161.4  | 162.3  | 163.7  | 165.6  | 167.0 |
| 10°    | 138.0  | 139.4  | 140.3  | 141.7  | 142.7  | 145.0  | 146.9  | 149.2  | 151.1  | 153.4  | 156.2 |
| 12.5°  | 138.5  | 139.9  | 141.3  | 142.7  | 144.1  | 145.9  | 148.3  | 150.2  | 152.0  | 154.4  | 157.2 |
| 15°    | 152.5  | 153.4  | 154.8  | 155.8  | 156.7  | 158.1  | 160.0  | 161.4  | 162.8  | 165.1  | 167.0 |
| 17.5°  | 177.7  | 177.7  | 178.2  | 178.2  | 178.2  | 179.2  | 179.6  | 180.6  | 181.0  | 182.4  | 183.4 |
| 20°    | 222.7  | 220.8  | 218.9  | 216.6  | 214.7  | 212.8  | 211.0  | 209.1  | 207.2  | 206.8  | 205.8 |
| 22.5°  | 292.8  | 286.7  | 280.7  | 274.6  | 268.5  | 262.4  | 256.8  | 250.7  | 244.6  | 240.9  | 237.2 |
| 25°    | 392.9  | 381.7  | 370.9  | 359.7  | 348.5  | 334.9  | 321.4  | 307.8  | 294.2  | 284.9  | 276.0 |
| 27.5°  | 486.9  | 472.4  | 458.4  | 443.9  | 429.9  | 409.8  | 389.6  | 369.1  | 349.0  | 334.0  | 319.0 |
| 30°    | 550.1  | 535.6  | 521.6  | 507.1  | 492.6  | 469.6  | 446.7  | 423.8  | 400.9  | 381.2  | 361.6 |
| 32.5°  | 614.6  | 599.2  | 583.8  | 567.9  | 552.4  | 527.2  | 501.9  | 476.2  | 450.9  | 427.5  | 404.1 |
| 35°    | 685.3  | 670.3  | 655.8  | 640.8  | 625.9  | 596.4  | 566.9  | 537.5  | 508.0  | 479.0  | 450.0 |
| 37.5°  | 757.8  | 743.7  | 729.7  | 715.7  | 701.6  | 669.4  | 637.1  | 604.8  | 572.5  | 536.1  | 500.0 |
| 40°    | 834.5  | 820.0  | 805.5  | 791.0  | 776.5  | 742.3  | 708.7  | 674.5  | 640.4  | 598.3  | 556.2 |
| 42.5°  | 921.0  | 907.0  | 893.0  | 878.5  | 864.4  | 827.0  | 790.1  | 752.6  | 715.7  | 667.0  | 618.8 |
| 45°    | 1015.5 | 1001.0 | 987.0  | 972.5  | 958.4  | 919.2  | 880.3  | 841.0  | 802.2  | 745.6  | 689.5 |
| 47.5°  | 1128.2 | 1109.5 | 1091.3 | 1072.6 | 1054.3 | 1010.8 | 967.3  | 923.8  | 880.3  | 819.1  | 757.8 |
| 50°    | 1219.9 | 1201.2 | 1183.0 | 1164.3 | 1145.5 | 1098.8 | 1052.5 | 1005.7 | 958.9  | 891.1  | 823.3 |
| 52.5°  | 1302.3 | 1281.7 | 1261.1 | 1240.0 | 1219.5 | 1172.7 | 1125.9 | 1079.1 | 1032.4 | 956.1  | 879.9 |
| 55°    | 1360.7 | 1337.8 | 1315.3 | 1292.4 | 1270.0 | 1219.5 | 1169.4 | 1118.9 | 1068.8 | 992.6  | 916.3 |
| 57.5°  | 1388.3 | 1364.5 | 1340.6 | 1316.3 | 1292.4 | 1241.0 | 1189.5 | 1138.1 | 1086.6 | 1010.4 | 934.6 |
| 60°    | 1376.2 | 1351.8 | 1328.0 | 1303.7 | 1279.8 | 1231.6 | 1183.4 | 1134.8 | 1086.6 | 1009.0 | 931.3 |
| 62.5°  | 1341.1 | 1317.7 | 1294.3 | 1270.4 | 1247.1 | 1197.9 | 1148.8 | 1099.2 | 1050.1 | 977.6  | 905.1 |
| 65°    | 1255.0 | 1237.2 | 1219.9 | 1202.1 | 1184.4 | 1137.1 | 1090.4 | 1043.1 | 996.3  | 928.0  | 860.2 |
| 67.5°  | 1150.7 | 1131.0 | 1111.9 | 1092.2 | 1072.6 | 1035.2 | 998.2  | 960.8  | 923.8  | 858.8  | 794.3 |
| 70°    | 1037.0 | 1016.0 | 995.4  | 974.3  | 953.3  | 920.1  | 886.9  | 853.2  | 820.0  | 762.5  | 704.9 |
| 72.5°  | 885.0  | 869.6  | 854.1  | 838.2  | 822.8  | 791.0  | 759.2  | 727.4  | 695.6  | 648.3  | 601.5 |
| 75°    | 711.0  | 698.8  | 687.1  | 675.0  | 663.3  | 638.5  | 614.2  | 589.4  | 564.6  | 527.2  | 490.2 |
| 77.5°  | 543.5  | 532.3  | 521.6  | 510.3  | 499.1  | 481.3  | 464.0  | 446.2  | 428.5  | 400.4  | 372.8 |
| 80°    | 372.8  | 366.7  | 361.1  | 355.0  | 349.4  | 334.9  | 320.9  | 306.4  | 292.4  | 272.2  | 252.6 |
| 82.5°  | 221.7  | 218.9  | 216.1  | 212.8  | 210.0  | 200.7  | 191.8  | 182.4  | 173.5  | 162.3  | 151.1 |
| 85°    | 103.4  | 102.0  | 100.6  | 98.7   | 97.3   | 92.6   | 88.4   | 83.7   | 79.1   | 73.9   | 69.2  |
| 87.5°  | 22.9   | 22.5   | 21.5   | 21.0   | 20.1   | 19.6   | 18.7   | 18.2   | 17.3   | 16.8   | 16.4  |
| 90°    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0   |
| 92.5°  | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0   |
| 95°    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0   |
| 97.5°  | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0   |
| 100°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0   |
| 102.5° | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0   |
| 105°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0   |
| 107.5° | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0   |
| 110°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0   |

REPORT NUMBER: P1445214

CATALOG NUMBER: TPTN-VA1-740-U-RW-CG-GM

**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: P1445214

CATALOG NUMBER: TPTN-VA1-740-U-RW-CG-GM

**CANDELA DISTRIBUTION (continued):**

|        | 302.5° | 305°  | 307.5° | 310°  | 312.5° | 315°  | 317.5° | 320°  | 322.5° | 325°  | 327.5° |
|--------|--------|-------|--------|-------|--------|-------|--------|-------|--------|-------|--------|
| 0°     | 191.8  | 191.8 | 191.8  | 191.8 | 191.8  | 191.8 | 191.8  | 191.8 | 191.8  | 191.8 | 191.8  |
| 2.5°   | 189.4  | 189.4 | 189.4  | 189.9 | 189.9  | 189.9 | 190.4  | 190.4 | 190.8  | 190.8 | 191.3  |
| 5°     | 180.6  | 181.5 | 182.4  | 183.4 | 184.3  | 185.2 | 185.7  | 186.6 | 187.1  | 187.6 | 188.0  |
| 7.5°   | 168.9  | 170.3 | 172.1  | 174.0 | 175.4  | 177.3 | 179.2  | 180.6 | 182.4  | 183.8 | 184.8  |
| 10°    | 158.6  | 160.9 | 163.7  | 166.5 | 168.9  | 171.7 | 174.0  | 176.3 | 178.7  | 181.0 | 182.4  |
| 12.5°  | 159.5  | 161.8 | 164.7  | 167.5 | 170.3  | 173.1 | 175.9  | 178.2 | 181.0  | 183.4 | 184.8  |
| 15°    | 169.3  | 171.2 | 173.1  | 175.4 | 177.3  | 179.2 | 181.5  | 183.8 | 186.2  | 188.5 | 190.4  |
| 17.5°  | 184.8  | 185.7 | 187.1  | 188.0 | 189.4  | 190.4 | 191.8  | 193.2 | 194.1  | 195.5 | 196.9  |
| 20°    | 205.3  | 204.4 | 204.9  | 205.3 | 205.3  | 205.8 | 205.8  | 205.8 | 205.8  | 205.8 | 206.3  |
| 22.5°  | 232.9  | 229.2 | 227.8  | 226.9 | 225.5  | 224.1 | 222.7  | 221.7 | 220.3  | 218.9 | 218.0  |
| 25°    | 267.1  | 257.7 | 254.0  | 250.3 | 246.0  | 242.3 | 240.4  | 238.6 | 236.2  | 234.3 | 232.0  |
| 27.5°  | 303.6  | 288.6 | 281.6  | 274.6 | 267.6  | 260.5 | 257.7  | 254.9 | 252.1  | 249.3 | 245.6  |
| 30°    | 341.5  | 321.8 | 311.1  | 299.8 | 289.1  | 277.9 | 274.1  | 270.4 | 266.6  | 262.9 | 258.2  |
| 32.5°  | 380.8  | 357.4 | 342.4  | 327.9 | 312.9  | 298.0 | 292.4  | 286.7 | 280.7  | 275.0 | 269.9  |
| 35°    | 421.0  | 392.0 | 373.7  | 355.5 | 337.3  | 319.0 | 311.1  | 303.1 | 294.7  | 286.7 | 281.1  |
| 37.5°  | 464.0  | 427.5 | 405.5  | 384.0 | 362.0  | 340.1 | 329.8  | 319.9 | 309.7  | 299.4 | 292.8  |
| 40°    | 513.6  | 471.5 | 443.4  | 415.8 | 387.8  | 359.7 | 348.0  | 335.9 | 324.2  | 312.0 | 304.5  |
| 42.5°  | 570.7  | 522.0 | 486.9  | 451.9 | 416.3  | 381.2 | 367.2  | 352.7 | 338.7  | 324.2 | 315.7  |
| 45°    | 633.4  | 576.8 | 534.2  | 491.2 | 448.6  | 405.5 | 388.2  | 371.4 | 354.1  | 336.8 | 327.4  |
| 47.5°  | 696.5  | 635.2 | 584.7  | 534.2 | 483.2  | 432.7 | 411.6  | 390.1 | 369.1  | 347.5 | 337.7  |
| 50°    | 755.0  | 687.1 | 628.7  | 570.2 | 511.7  | 453.3 | 428.5  | 403.2 | 378.4  | 353.2 | 342.9  |
| 52.5°  | 803.6  | 727.4 | 663.8  | 599.7 | 536.1  | 472.0 | 443.4  | 414.9 | 386.4  | 357.8 | 347.1  |
| 55°    | 840.1  | 763.9 | 694.6  | 624.9 | 555.7  | 486.0 | 453.7  | 421.5 | 389.2  | 356.9 | 345.7  |
| 57.5°  | 858.3  | 782.1 | 708.7  | 634.8 | 561.3  | 487.4 | 451.9  | 416.8 | 381.2  | 345.7 | 334.5  |
| 60°    | 853.7  | 776.0 | 702.1  | 628.2 | 553.8  | 479.9 | 442.5  | 405.1 | 367.2  | 329.8 | 318.5  |
| 62.5°  | 832.1  | 759.6 | 687.1  | 614.6 | 542.1  | 469.6 | 430.3  | 390.6 | 351.3  | 311.5 | 299.4  |
| 65°    | 791.9  | 723.6 | 653.9  | 583.8 | 514.1  | 443.9 | 404.1  | 364.4 | 324.2  | 284.4 | 273.6  |
| 67.5°  | 729.7  | 664.7 | 600.6  | 536.1 | 472.0  | 407.4 | 369.1  | 330.7 | 292.4  | 254.0 | 243.7  |
| 70°    | 646.9  | 589.4 | 533.2  | 477.1 | 421.0  | 364.9 | 329.3  | 293.8 | 258.2  | 222.7 | 212.8  |
| 72.5°  | 554.3  | 507.1 | 459.3  | 411.6 | 363.9  | 316.2 | 284.4  | 252.1 | 220.3  | 188.0 | 178.7  |
| 75°    | 452.8  | 415.4 | 375.6  | 336.3 | 296.6  | 256.8 | 230.1  | 203.5 | 176.8  | 150.2 | 142.7  |
| 77.5°  | 344.7  | 316.7 | 285.8  | 254.9 | 224.1  | 193.2 | 173.1  | 152.5 | 132.4  | 111.8 | 105.7  |
| 80°    | 232.5  | 212.4 | 192.3  | 171.7 | 151.6  | 131.0 | 117.4  | 104.3 | 90.7   | 77.2  | 72.5   |
| 82.5°  | 139.9  | 128.6 | 116.5  | 104.3 | 91.7   | 79.5  | 71.6   | 63.1  | 55.2   | 46.8  | 44.0   |
| 85°    | 64.1   | 58.9  | 53.8   | 48.6  | 43.0   | 37.9  | 34.6   | 30.9  | 27.6   | 23.9  | 22.9   |
| 87.5°  | 15.4   | 15.0  | 14.5   | 13.6  | 13.1   | 12.2  | 12.2   | 12.2  | 11.7   | 11.7  | 11.7   |
| 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: P1445214

CATALOG NUMBER: TPTN-VA1-740-U-RW-CG-GM

**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: P1445214

CATALOG NUMBER: TPTN-VA1-740-U-RW-CG-GM

**CANDELA DISTRIBUTION (continued):**

|        | 330°  | 332.5° | 335°  | 337.5° | 340°  | 342.5° | 345°  | 347.5° | 350°  | 352.5° | 355°  |
|--------|-------|--------|-------|--------|-------|--------|-------|--------|-------|--------|-------|
| 0°     | 191.8 | 191.8  | 191.8 | 191.8  | 191.8 | 191.8  | 191.8 | 191.8  | 191.8 | 191.8  | 191.8 |
| 2.5°   | 191.3 | 191.8  | 191.8 | 191.8  | 191.8 | 191.8  | 191.8 | 191.8  | 192.3 | 192.3  | 192.3 |
| 5°     | 189.0 | 189.4  | 189.9 | 190.4  | 190.8 | 190.8  | 191.3 | 191.8  | 191.8 | 192.3  | 192.3 |
| 7.5°   | 185.7 | 186.6  | 187.6 | 188.0  | 188.5 | 189.0  | 189.4 | 189.9  | 189.9 | 190.4  | 190.4 |
| 10°    | 183.4 | 184.8  | 186.2 | 186.6  | 187.6 | 188.0  | 188.5 | 188.5  | 189.0 | 189.0  | 189.0 |
| 12.5°  | 186.2 | 188.0  | 189.4 | 189.9  | 190.4 | 190.4  | 190.8 | 190.8  | 190.4 | 190.4  | 189.9 |
| 15°    | 191.8 | 193.7  | 195.1 | 195.1  | 195.5 | 195.5  | 195.5 | 195.1  | 194.6 | 194.1  | 193.7 |
| 17.5°  | 197.9 | 199.3  | 200.7 | 200.7  | 201.1 | 201.1  | 201.1 | 200.7  | 199.7 | 199.3  | 198.3 |
| 20°    | 206.3 | 206.8  | 206.8 | 207.2  | 207.2 | 207.7  | 207.7 | 206.8  | 205.3 | 204.4  | 203.0 |
| 22.5°  | 216.6 | 215.6  | 214.2 | 214.2  | 214.2 | 213.8  | 213.8 | 212.4  | 211.0 | 209.1  | 207.7 |
| 25°    | 229.2 | 226.9  | 224.1 | 223.1  | 222.2 | 220.8  | 219.8 | 218.0  | 216.6 | 214.7  | 212.8 |
| 27.5°  | 241.8 | 237.6  | 233.9 | 232.0  | 229.7 | 227.8  | 225.5 | 223.6  | 221.7 | 219.8  | 218.0 |
| 30°    | 253.5 | 248.4  | 243.7 | 240.4  | 237.2 | 233.9  | 230.6 | 228.7  | 226.4 | 224.5  | 222.2 |
| 32.5°  | 264.3 | 259.1  | 253.5 | 249.3  | 245.1 | 240.4  | 236.2 | 233.9  | 231.5 | 229.2  | 226.9 |
| 35°    | 275.0 | 269.4  | 263.4 | 258.2  | 252.6 | 247.4  | 241.8 | 239.0  | 236.7 | 233.9  | 231.1 |
| 37.5°  | 286.3 | 279.3  | 272.7 | 266.6  | 260.5 | 254.0  | 247.9 | 244.6  | 241.8 | 238.6  | 235.3 |
| 40°    | 297.5 | 290.0  | 282.5 | 275.5  | 268.5 | 261.5  | 254.5 | 250.7  | 247.4 | 243.7  | 240.0 |
| 42.5°  | 307.3 | 298.9  | 290.5 | 283.0  | 276.0 | 268.5  | 261.0 | 256.8  | 252.6 | 247.9  | 243.7 |
| 45°    | 318.1 | 308.7  | 299.4 | 291.4  | 283.0 | 275.0  | 266.6 | 261.9  | 257.3 | 252.6  | 247.9 |
| 47.5°  | 327.4 | 317.6  | 307.3 | 298.4  | 290.0 | 281.1  | 272.2 | 267.1  | 261.9 | 256.8  | 251.7 |
| 50°    | 332.6 | 321.8  | 311.5 | 302.2  | 293.3 | 283.9  | 274.6 | 269.0  | 263.8 | 258.2  | 252.6 |
| 52.5°  | 335.9 | 325.1  | 313.9 | 304.5  | 294.7 | 285.3  | 275.5 | 269.9  | 264.3 | 258.2  | 252.6 |
| 55°    | 334.0 | 322.8  | 311.1 | 301.7  | 291.9 | 282.5  | 272.7 | 266.6  | 261.0 | 254.9  | 248.8 |
| 57.5°  | 323.2 | 311.5  | 300.3 | 291.4  | 282.5 | 273.6  | 264.8 | 258.7  | 253.1 | 247.0  | 240.9 |
| 60°    | 307.3 | 295.6  | 284.4 | 276.0  | 268.0 | 259.6  | 251.2 | 245.6  | 240.4 | 234.8  | 229.2 |
| 62.5°  | 287.7 | 275.5  | 263.4 | 256.3  | 249.3 | 241.8  | 234.8 | 229.7  | 224.5 | 219.4  | 214.2 |
| 65°    | 262.4 | 251.7  | 240.4 | 233.9  | 227.3 | 220.8  | 214.2 | 209.6  | 204.9 | 199.7  | 195.1 |
| 67.5°  | 233.9 | 223.6  | 213.3 | 207.2  | 201.1 | 195.1  | 189.0 | 184.8  | 181.0 | 176.8  | 172.6 |
| 70°    | 203.0 | 192.7  | 182.9 | 177.7  | 173.1 | 167.9  | 162.8 | 159.5  | 156.2 | 152.5  | 149.2 |
| 72.5°  | 169.8 | 160.4  | 151.1 | 147.3  | 143.1 | 139.4  | 135.2 | 131.9  | 128.6 | 125.4  | 122.1 |
| 75°    | 134.7 | 127.2  | 119.3 | 116.5  | 113.7 | 110.4  | 107.6 | 104.8  | 102.0 | 98.7   | 95.9  |
| 77.5°  | 99.6  | 93.6   | 87.5  | 85.6   | 83.7  | 81.9   | 80.0  | 77.6   | 75.3  | 72.5   | 70.2  |
| 80°    | 67.8  | 63.1   | 58.5  | 57.5   | 56.6  | 55.2   | 54.3  | 51.9   | 50.1  | 47.7   | 45.4  |
| 82.5°  | 41.2  | 38.4   | 35.5  | 35.1   | 34.6  | 33.7   | 33.2  | 31.3   | 29.5  | 27.1   | 25.3  |
| 85°    | 21.5  | 20.6   | 19.2  | 19.2   | 18.7  | 18.7   | 18.2  | 16.8   | 15.4  | 13.6   | 12.2  |
| 87.5°  | 11.7  | 11.7   | 11.7  | 11.7   | 11.7  | 11.7   | 11.7  | 10.3   | 8.9   | 7.0    | 5.6   |
| 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: P1445214

CATALOG NUMBER: TPTN-VA1-740-U-RW-CG-GM

**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: P1445214

CATALOG NUMBER: TPTN-VA1-740-U-RW-CG-GM

**CANDELA DISTRIBUTION (continued):**

|        | 357.5° | 360°  |
|--------|--------|-------|
| 0°     | 191.8  | 191.8 |
| 2.5°   | 192.3  | 192.3 |
| 5°     | 192.7  | 192.7 |
| 7.5°   | 190.4  | 190.4 |
| 10°    | 189.0  | 189.0 |
| 12.5°  | 189.9  | 189.4 |
| 15°    | 193.7  | 193.2 |
| 17.5°  | 197.9  | 196.9 |
| 20°    | 202.5  | 201.6 |
| 22.5°  | 206.8  | 205.8 |
| 25°    | 211.9  | 210.5 |
| 27.5°  | 216.6  | 215.2 |
| 30°    | 220.8  | 219.4 |
| 32.5°  | 225.0  | 223.1 |
| 35°    | 229.2  | 227.3 |
| 37.5°  | 233.4  | 231.1 |
| 40°    | 237.6  | 235.3 |
| 42.5°  | 241.4  | 239.0 |
| 45°    | 245.6  | 243.2 |
| 47.5°  | 249.3  | 247.0 |
| 50°    | 250.3  | 247.4 |
| 52.5°  | 250.3  | 247.4 |
| 55°    | 246.5  | 243.7 |
| 57.5°  | 238.1  | 234.8 |
| 60°    | 225.9  | 222.7 |
| 62.5°  | 211.4  | 208.2 |
| 65°    | 191.3  | 187.6 |
| 67.5°  | 169.3  | 165.6 |
| 70°    | 146.4  | 143.1 |
| 72.5°  | 118.8  | 115.5 |
| 75°    | 93.1   | 90.3  |
| 77.5°  | 67.4   | 64.1  |
| 80°    | 43.0   | 40.7  |
| 82.5°  | 22.9   | 20.6  |
| 85°    | 9.4    | 6.5   |
| 87.5°  | 3.3    | 0.9   |
| 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: P1445214

CATALOG NUMBER: TPTN-VA1-740-U-RW-CG-GM

**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: SP1-2411-284-2

Test Date: 11/20/2024

Luminaire Tested: TTN-D0-740-U-WQ

Data in this report applies to families of products including TTN-D0-740-U-WQ

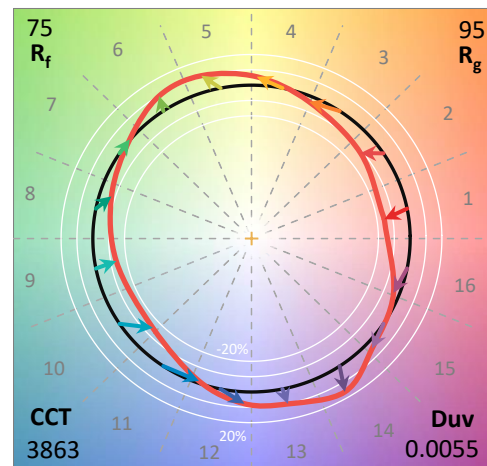
### Test Information

Test Method: LM-79-2019  
 Report Number: SP1-2411-284-2  
 Test Lab: COOPER LIGHTING SOLUTIONS  
 Photometer: SP1 - 76IN SPHERE  
 Measurement Geometry:  $4\pi$   
 Issue Date: 11/20/2024  
 Manufacturer: COOPER LIGHTING SOLUTIONS  
 Product Line: MCGRAW EDISON  
 Catalog Number: **TTN-D0-740-U-WQ**  
 Description: TOPTIER NANO LED PARKING GARAGE LUMINAIRE. 4000K, 70 CRI LEDS AND WIDE DISTRIBUTION

### Spectral Parameters

CCT (K): 3863  
 CIE  $u'$ : 0.2247  
 CIE  $v'$ : 0.5111  
 Duv: 0.0055  
 CIE x: 0.3911  
 CIE y: 0.3954  
 CIE z: 0.2136  
 Peak Wavelength (nm): 448  
 Dominant Wavelength (nm): 577  
 Purity: 36.03443  
 Rf: 74.7  
 Rg: 95.4

CRI (Ra): 71.9  
 R1: 69.4  
 R2: 76.9  
 R3: 83.3  
 R4: 72.7  
 R5: 68.4  
 R6: 67.5  
 R7: 82.0  
 R8: 55.3  
 R9: -23.5  
 R10: 45.4  
 R11: 68.7  
 R12: 38.7  
 R13: 70.0  
 R14: 90.3  
 R15: 62.1



### Test Conditions

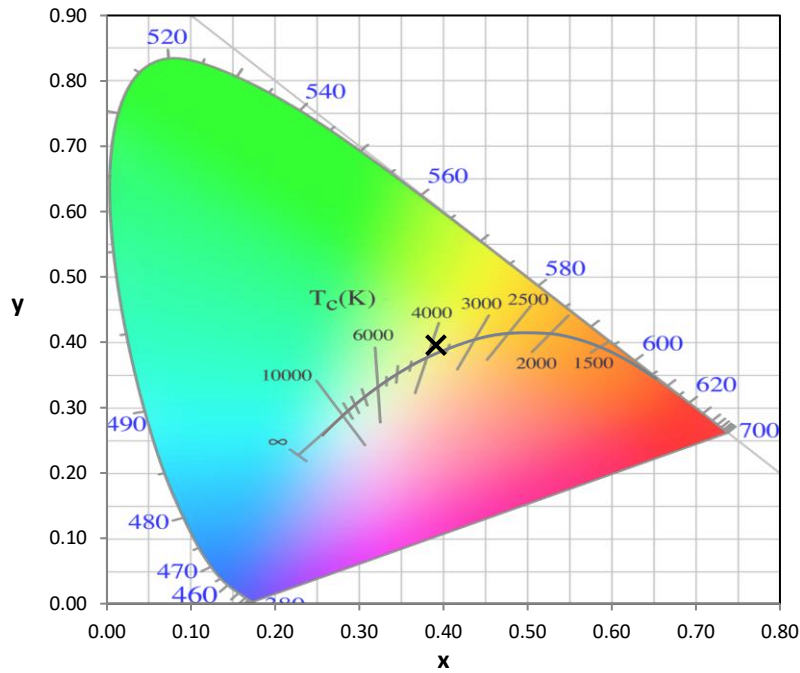
Stabilization Time: 37M  
 Operation Time: 1H 37M  
 Sphere Temperature (°C): 25.0

REPORT NUMBER: SP1-2411-284-2

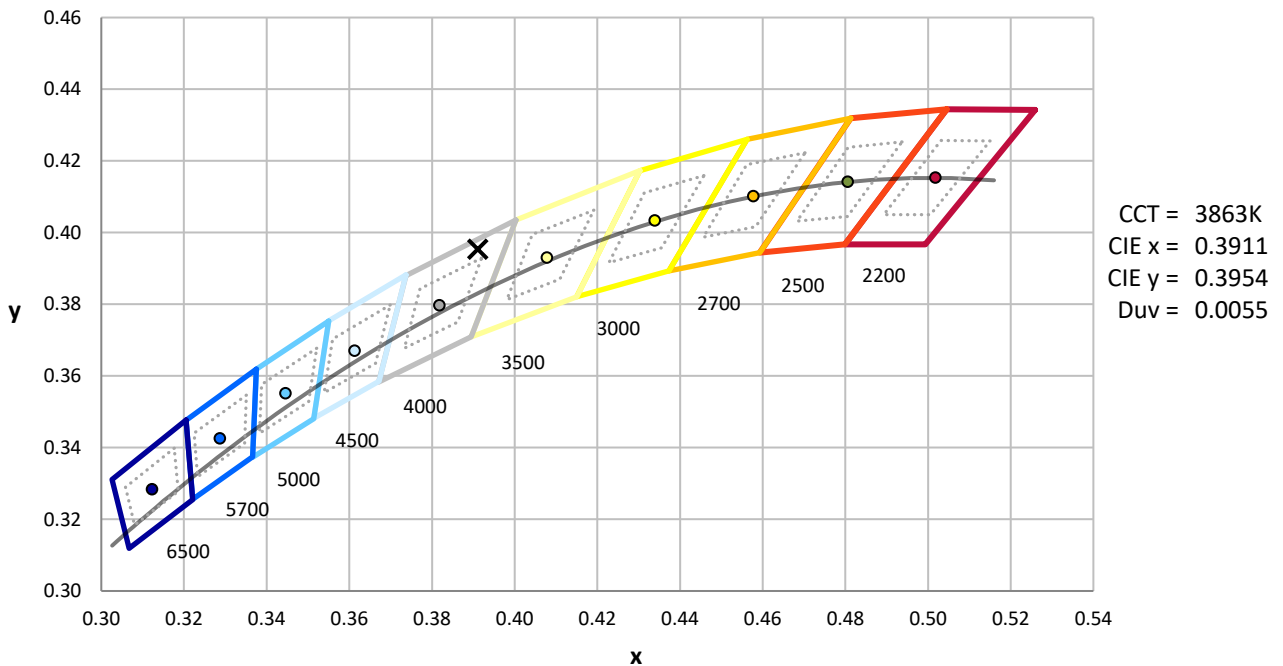
| Measurement and Test Equipment |                       |                  |                      |
|--------------------------------|-----------------------|------------------|----------------------|
| Instrument                     | Identification Number | Calibration Date | Calibration Due Date |
| Photometer                     | IN0058                | 6/18/2024        | 12/18/2024           |
| Power Meter                    | INXT2011004           | 2/8/2024         | 2/8/2025             |
| AC Power Source                | IN0063                | 10/22/2024       | 10/22/2025           |
| DC Power Source                | IN0208                | 10/22/2024       | 10/22/2025           |
| Sphere Thermometer             | IN0085                | 10/22/2024       | 10/22/2025           |
| Room Thermometer               | IN0046                | 10/22/2024       | 10/22/2025           |

REPORT NUMBER: SP1-2411-284-2

**CIE 1931 Chromaticity Diagram**



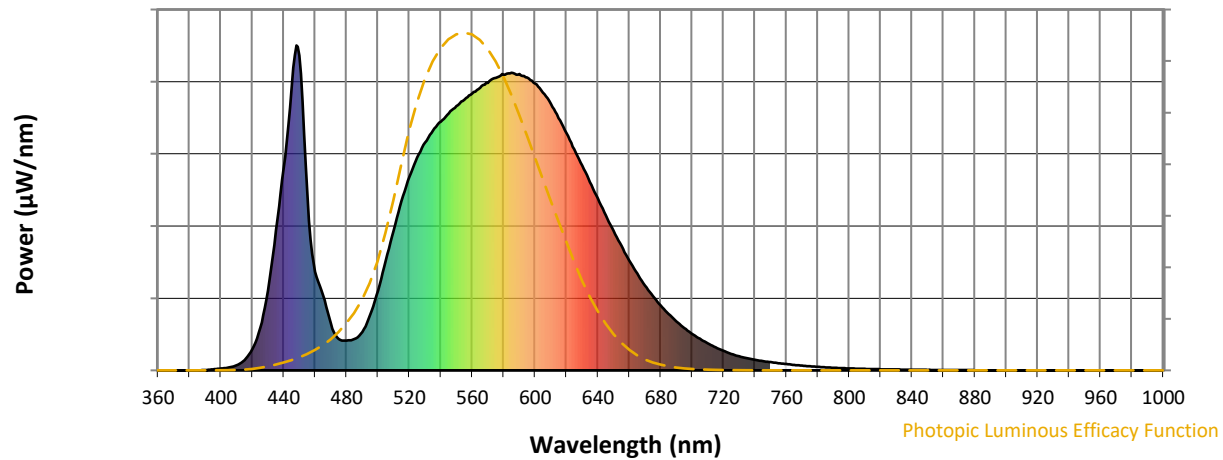
**CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles**



Point lies inside the ANSI 4000K 7-step quadrangle

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### Photopic Flux vs. Wavelength

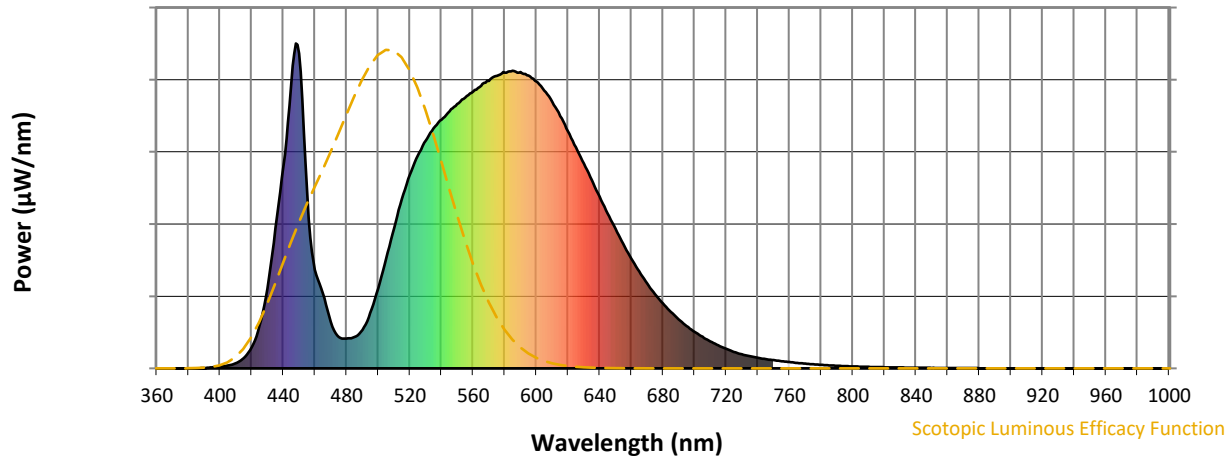


### Photopic Lumens: NR

| $\lambda$<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               | 118                           | NR                             | 620               | 730                           | NR                             | 750               | 25                            | NR                             | 880               | 1                             | NR                             |
| 365               | 0                             | NR                             | 495               | 170                           | NR                             | 625               | 680                           | NR                             | 755               | 22                            | NR                             | 885               | 0                             | NR                             |
| 370               | 0                             | NR                             | 500               | 245                           | NR                             | 630               | 630                           | NR                             | 760               | 19                            | NR                             | 890               | 0                             | NR                             |
| 375               | 0                             | NR                             | 505               | 338                           | NR                             | 635               | 579                           | NR                             | 765               | 17                            | NR                             | 895               | 0                             | NR                             |
| 380               | 0                             | NR                             | 510               | 431                           | NR                             | 640               | 529                           | NR                             | 770               | 14                            | NR                             | 900               | 0                             | NR                             |
| 385               | 0                             | NR                             | 515               | 521                           | NR                             | 645               | 477                           | NR                             | 775               | 13                            | NR                             | 905               | 0                             | NR                             |
| 390               | 1                             | NR                             | 520               | 596                           | NR                             | 650               | 429                           | NR                             | 780               | 11                            | NR                             | 910               | 0                             | NR                             |
| 395               | 3                             | NR                             | 525               | 655                           | NR                             | 655               | 383                           | NR                             | 785               | 9                             | NR                             | 915               | 0                             | NR                             |
| 400               | 6                             | NR                             | 530               | 701                           | NR                             | 660               | 338                           | NR                             | 790               | 8                             | NR                             | 920               | 0                             | NR                             |
| 405               | 9                             | NR                             | 535               | 739                           | NR                             | 665               | 298                           | NR                             | 795               | 7                             | NR                             | 925               | 0                             | NR                             |
| 410               | 16                            | NR                             | 540               | 766                           | NR                             | 670               | 261                           | NR                             | 800               | 6                             | NR                             | 930               | 0                             | NR                             |
| 415               | 32                            | NR                             | 545               | 791                           | NR                             | 675               | 228                           | NR                             | 805               | 5                             | NR                             | 935               | 0                             | NR                             |
| 420               | 65                            | NR                             | 550               | 813                           | NR                             | 680               | 200                           | NR                             | 810               | 5                             | NR                             | 940               | 0                             | NR                             |
| 425               | 131                           | NR                             | 555               | 833                           | NR                             | 685               | 173                           | NR                             | 815               | 4                             | NR                             | 945               | 0                             | NR                             |
| 430               | 245                           | NR                             | 560               | 852                           | NR                             | 690               | 151                           | NR                             | 820               | 3                             | NR                             | 950               | 0                             | NR                             |
| 435               | 432                           | NR                             | 565               | 870                           | NR                             | 695               | 130                           | NR                             | 825               | 3                             | NR                             | 955               | 0                             | NR                             |
| 440               | 622                           | NR                             | 570               | 885                           | NR                             | 700               | 112                           | NR                             | 830               | 3                             | NR                             | 960               | 0                             | NR                             |
| 445               | 870                           | NR                             | 575               | 900                           | NR                             | 705               | 97                            | NR                             | 835               | 2                             | NR                             | 965               | 0                             | NR                             |
| 450               | 969                           | NR                             | 580               | 911                           | NR                             | 710               | 83                            | NR                             | 840               | 2                             | NR                             | 970               | 0                             | NR                             |
| 455               | 544                           | NR                             | 585               | 916                           | NR                             | 715               | 71                            | NR                             | 845               | 2                             | NR                             | 975               | 0                             | NR                             |
| 460               | 304                           | NR                             | 590               | 912                           | NR                             | 720               | 60                            | NR                             | 850               | 1                             | NR                             | 980               | 0                             | NR                             |
| 465               | 231                           | NR                             | 595               | 901                           | NR                             | 725               | 51                            | NR                             | 855               | 1                             | NR                             | 985               | 0                             | NR                             |
| 470               | 142                           | NR                             | 600               | 882                           | NR                             | 730               | 43                            | NR                             | 860               | 1                             | NR                             | 990               | 0                             | NR                             |
| 475               | 96                            | NR                             | 605               | 855                           | NR                             | 735               | 37                            | NR                             | 865               | 1                             | NR                             | 995               | 0                             | NR                             |
| 480               | 92                            | NR                             | 610               | 820                           | NR                             | 740               | 32                            | NR                             | 870               | 1                             | NR                             | 1000              | 0                             | NR                             |
| 485               | 96                            | NR                             | 615               | 776                           | NR                             | 745               | 29                            | NR                             | 875               | 1                             | NR                             |                   |                               |                                |

REPORT NUMBER: SP1-2411-284-2

### Scotopic Flux vs. Wavelength



Scotopic Lumens: NR

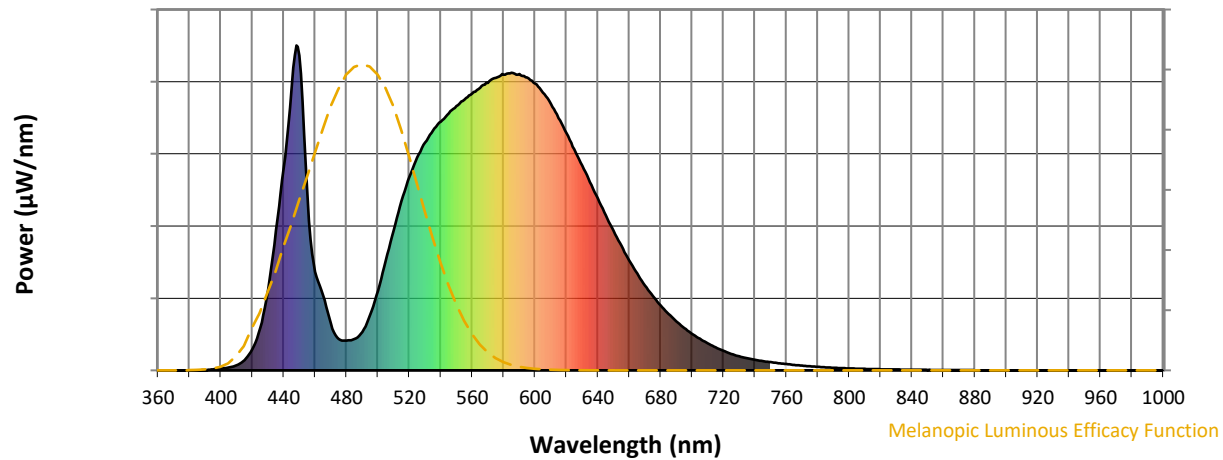
S/P: 1.45

| $\lambda$<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               | 118                                  | NR                             | 620               | 730                                  | NR                             | 750               | 25                                   | NR                             | 880               | 1                                    | NR                             |
| 365               | 0                                    | NR                             | 495               | 170                                  | NR                             | 625               | 680                                  | NR                             | 755               | 22                                   | NR                             | 885               | 0                                    | NR                             |
| 370               | 0                                    | NR                             | 500               | 245                                  | NR                             | 630               | 630                                  | NR                             | 760               | 19                                   | NR                             | 890               | 0                                    | NR                             |
| 375               | 0                                    | NR                             | 505               | 338                                  | NR                             | 635               | 579                                  | NR                             | 765               | 17                                   | NR                             | 895               | 0                                    | NR                             |
| 380               | 0                                    | NR                             | 510               | 431                                  | NR                             | 640               | 529                                  | NR                             | 770               | 14                                   | NR                             | 900               | 0                                    | NR                             |
| 385               | 0                                    | NR                             | 515               | 521                                  | NR                             | 645               | 477                                  | NR                             | 775               | 13                                   | NR                             | 905               | 0                                    | NR                             |
| 390               | 1                                    | NR                             | 520               | 596                                  | NR                             | 650               | 429                                  | NR                             | 780               | 11                                   | NR                             | 910               | 0                                    | NR                             |
| 395               | 3                                    | NR                             | 525               | 655                                  | NR                             | 655               | 383                                  | NR                             | 785               | 9                                    | NR                             | 915               | 0                                    | NR                             |
| 400               | 6                                    | NR                             | 530               | 701                                  | NR                             | 660               | 338                                  | NR                             | 790               | 8                                    | NR                             | 920               | 0                                    | NR                             |
| 405               | 9                                    | NR                             | 535               | 739                                  | NR                             | 665               | 298                                  | NR                             | 795               | 7                                    | NR                             | 925               | 0                                    | NR                             |
| 410               | 16                                   | NR                             | 540               | 766                                  | NR                             | 670               | 261                                  | NR                             | 800               | 6                                    | NR                             | 930               | 0                                    | NR                             |
| 415               | 32                                   | NR                             | 545               | 791                                  | NR                             | 675               | 228                                  | NR                             | 805               | 5                                    | NR                             | 935               | 0                                    | NR                             |
| 420               | 65                                   | NR                             | 550               | 813                                  | NR                             | 680               | 200                                  | NR                             | 810               | 5                                    | NR                             | 940               | 0                                    | NR                             |
| 425               | 131                                  | NR                             | 555               | 833                                  | NR                             | 685               | 173                                  | NR                             | 815               | 4                                    | NR                             | 945               | 0                                    | NR                             |
| 430               | 245                                  | NR                             | 560               | 852                                  | NR                             | 690               | 151                                  | NR                             | 820               | 3                                    | NR                             | 950               | 0                                    | NR                             |
| 435               | 432                                  | NR                             | 565               | 870                                  | NR                             | 695               | 130                                  | NR                             | 825               | 3                                    | NR                             | 955               | 0                                    | NR                             |
| 440               | 622                                  | NR                             | 570               | 885                                  | NR                             | 700               | 112                                  | NR                             | 830               | 3                                    | NR                             | 960               | 0                                    | NR                             |
| 445               | 870                                  | NR                             | 575               | 900                                  | NR                             | 705               | 97                                   | NR                             | 835               | 2                                    | NR                             | 965               | 0                                    | NR                             |
| 450               | 969                                  | NR                             | 580               | 911                                  | NR                             | 710               | 83                                   | NR                             | 840               | 2                                    | NR                             | 970               | 0                                    | NR                             |
| 455               | 544                                  | NR                             | 585               | 916                                  | NR                             | 715               | 71                                   | NR                             | 845               | 2                                    | NR                             | 975               | 0                                    | NR                             |
| 460               | 304                                  | NR                             | 590               | 912                                  | NR                             | 720               | 60                                   | NR                             | 850               | 1                                    | NR                             | 980               | 0                                    | NR                             |
| 465               | 231                                  | NR                             | 595               | 901                                  | NR                             | 725               | 51                                   | NR                             | 855               | 1                                    | NR                             | 985               | 0                                    | NR                             |
| 470               | 142                                  | NR                             | 600               | 882                                  | NR                             | 730               | 43                                   | NR                             | 860               | 1                                    | NR                             | 990               | 0                                    | NR                             |
| 475               | 96                                   | NR                             | 605               | 855                                  | NR                             | 735               | 37                                   | NR                             | 865               | 1                                    | NR                             | 995               | 0                                    | NR                             |
| 480               | 92                                   | NR                             | 610               | 820                                  | NR                             | 740               | 32                                   | NR                             | 870               | 1                                    | NR                             | 1000              | 0                                    | NR                             |
| 485               | 96                                   | NR                             | 615               | 776                                  | NR                             | 745               | 29                                   | NR                             | 875               | 1                                    | NR                             |                   |                                      |                                |



REPORT NUMBER: SP1-2411-284-2

### Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 2.72

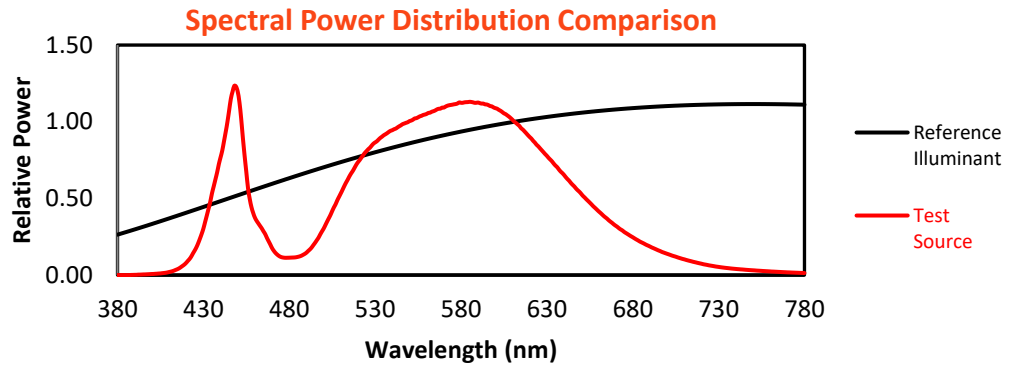
| λ<br>(nm) | Power<br>W <sup>^</sup> /nm | Lumens<br>(φ/nm) | λ<br>(nm) | Power<br>W <sup>^</sup> /nm | Lumens<br>(φ/nm) | λ<br>(nm) | Power<br>W <sup>^</sup> /nm | Lumens<br>(φ/nm) | λ<br>(nm) | Power<br>W <sup>^</sup> /nm | Lumens<br>(φ/nm) | λ<br>(nm) | Power<br>W <sup>^</sup> /nm | Lumens<br>(φ/nm) |
|-----------|-----------------------------|------------------|-----------|-----------------------------|------------------|-----------|-----------------------------|------------------|-----------|-----------------------------|------------------|-----------|-----------------------------|------------------|
| 360       | 0                           | NR               | 490       | 118                         | NR               | 620       | 730                         | NR               | 750       | 25                          | NR               | 880       | 1                           | NR               |
| 365       | 0                           | NR               | 495       | 170                         | NR               | 625       | 680                         | NR               | 755       | 22                          | NR               | 885       | 0                           | NR               |
| 370       | 0                           | NR               | 500       | 245                         | NR               | 630       | 630                         | NR               | 760       | 19                          | NR               | 890       | 0                           | NR               |
| 375       | 0                           | NR               | 505       | 338                         | NR               | 635       | 579                         | NR               | 765       | 17                          | NR               | 895       | 0                           | NR               |
| 380       | 0                           | NR               | 510       | 431                         | NR               | 640       | 529                         | NR               | 770       | 14                          | NR               | 900       | 0                           | NR               |
| 385       | 0                           | NR               | 515       | 521                         | NR               | 645       | 477                         | NR               | 775       | 13                          | NR               | 905       | 0                           | NR               |
| 390       | 1                           | NR               | 520       | 596                         | NR               | 650       | 429                         | NR               | 780       | 11                          | NR               | 910       | 0                           | NR               |
| 395       | 3                           | NR               | 525       | 655                         | NR               | 655       | 383                         | NR               | 785       | 9                           | NR               | 915       | 0                           | NR               |
| 400       | 6                           | NR               | 530       | 701                         | NR               | 660       | 338                         | NR               | 790       | 8                           | NR               | 920       | 0                           | NR               |
| 405       | 9                           | NR               | 535       | 739                         | NR               | 665       | 298                         | NR               | 795       | 7                           | NR               | 925       | 0                           | NR               |
| 410       | 16                          | NR               | 540       | 766                         | NR               | 670       | 261                         | NR               | 800       | 6                           | NR               | 930       | 0                           | NR               |
| 415       | 32                          | NR               | 545       | 791                         | NR               | 675       | 228                         | NR               | 805       | 5                           | NR               | 935       | 0                           | NR               |
| 420       | 65                          | NR               | 550       | 813                         | NR               | 680       | 200                         | NR               | 810       | 5                           | NR               | 940       | 0                           | NR               |
| 425       | 131                         | NR               | 555       | 833                         | NR               | 685       | 173                         | NR               | 815       | 4                           | NR               | 945       | 0                           | NR               |
| 430       | 245                         | NR               | 560       | 852                         | NR               | 690       | 151                         | NR               | 820       | 3                           | NR               | 950       | 0                           | NR               |
| 435       | 432                         | NR               | 565       | 870                         | NR               | 695       | 130                         | NR               | 825       | 3                           | NR               | 955       | 0                           | NR               |
| 440       | 622                         | NR               | 570       | 885                         | NR               | 700       | 112                         | NR               | 830       | 3                           | NR               | 960       | 0                           | NR               |
| 445       | 870                         | NR               | 575       | 900                         | NR               | 705       | 97                          | NR               | 835       | 2                           | NR               | 965       | 0                           | NR               |
| 450       | 969                         | NR               | 580       | 911                         | NR               | 710       | 83                          | NR               | 840       | 2                           | NR               | 970       | 0                           | NR               |
| 455       | 544                         | NR               | 585       | 916                         | NR               | 715       | 71                          | NR               | 845       | 2                           | NR               | 975       | 0                           | NR               |
| 460       | 304                         | NR               | 590       | 912                         | NR               | 720       | 60                          | NR               | 850       | 1                           | NR               | 980       | 0                           | NR               |
| 465       | 231                         | NR               | 595       | 901                         | NR               | 725       | 51                          | NR               | 855       | 1                           | NR               | 985       | 0                           | NR               |
| 470       | 142                         | NR               | 600       | 882                         | NR               | 730       | 43                          | NR               | 860       | 1                           | NR               | 990       | 0                           | NR               |
| 475       | 96                          | NR               | 605       | 855                         | NR               | 735       | 37                          | NR               | 865       | 1                           | NR               | 995       | 0                           | NR               |
| 480       | 92                          | NR               | 610       | 820                         | NR               | 740       | 32                          | NR               | 870       | 1                           | NR               | 1000      | 0                           | NR               |
| 485       | 96                          | NR               | 615       | 776                         | NR               | 745       | 29                          | NR               | 875       | 1                           | NR               |           |                             |                  |

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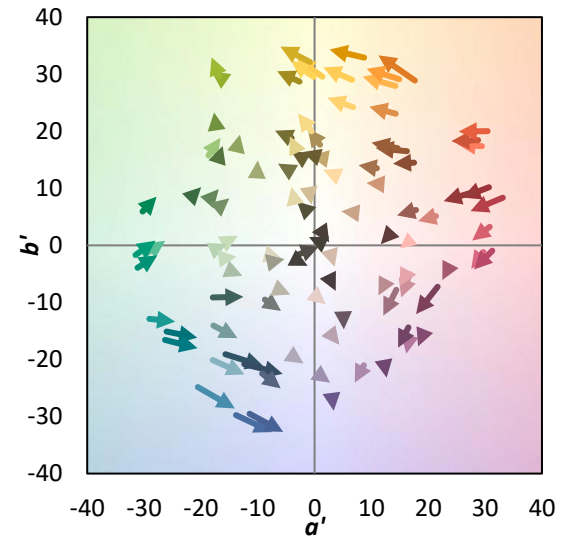
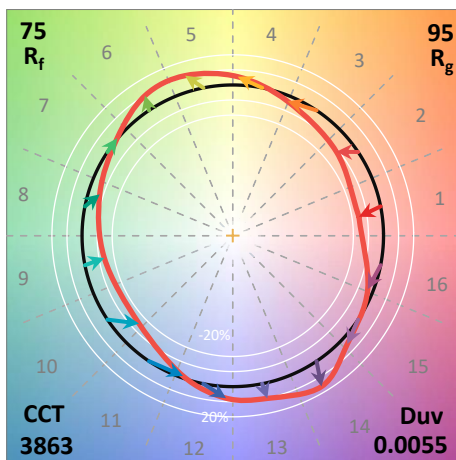
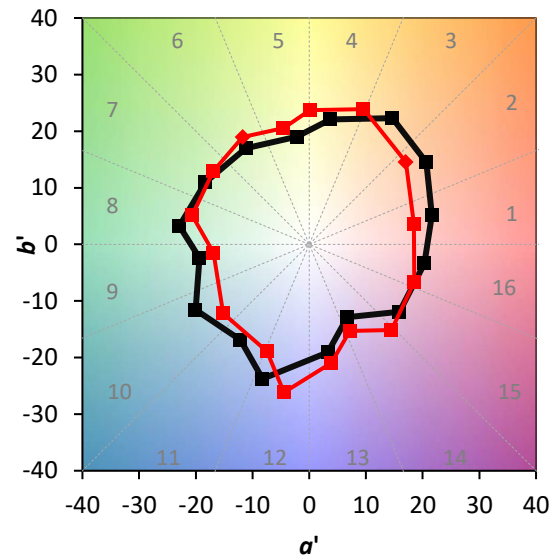
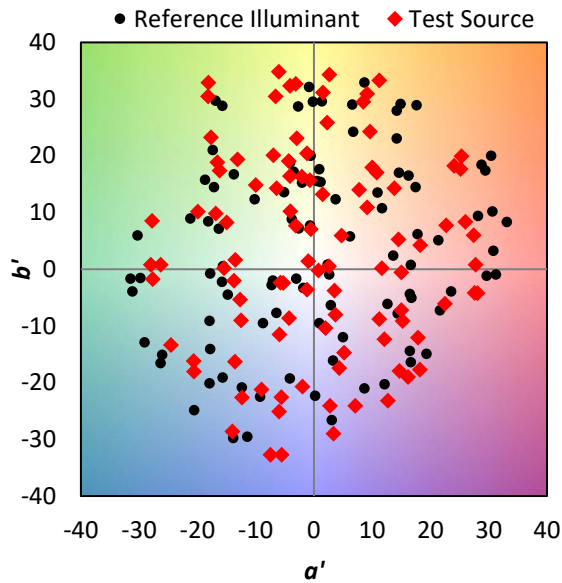
TM-30-18

### Summary

$R_f = 74.7$   
 $R_g = 95.4$   
 $CIE R_a = 71.9$   
 $R_g = -23.5$

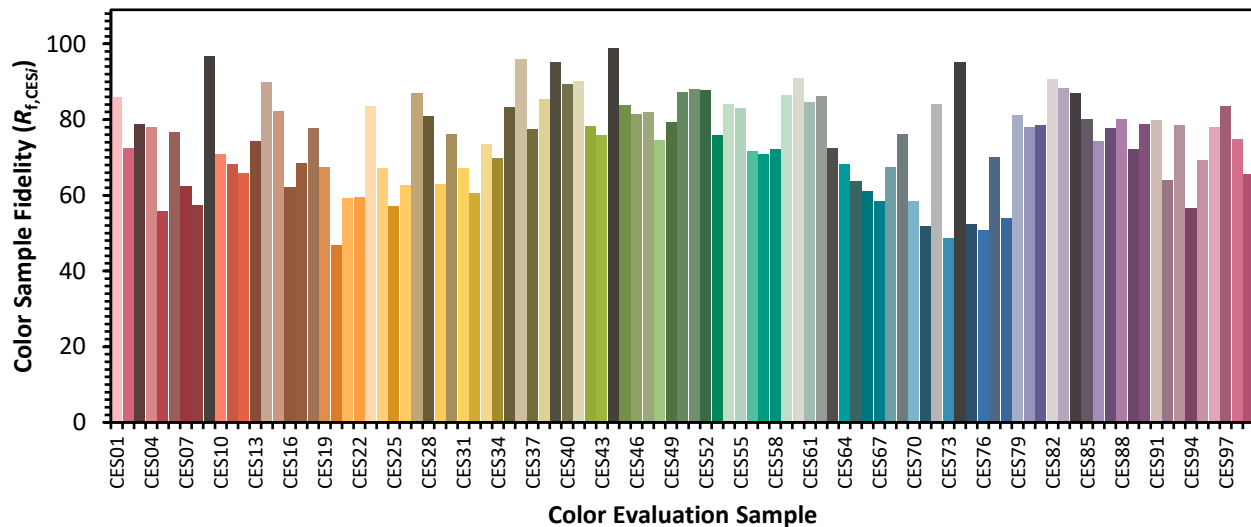


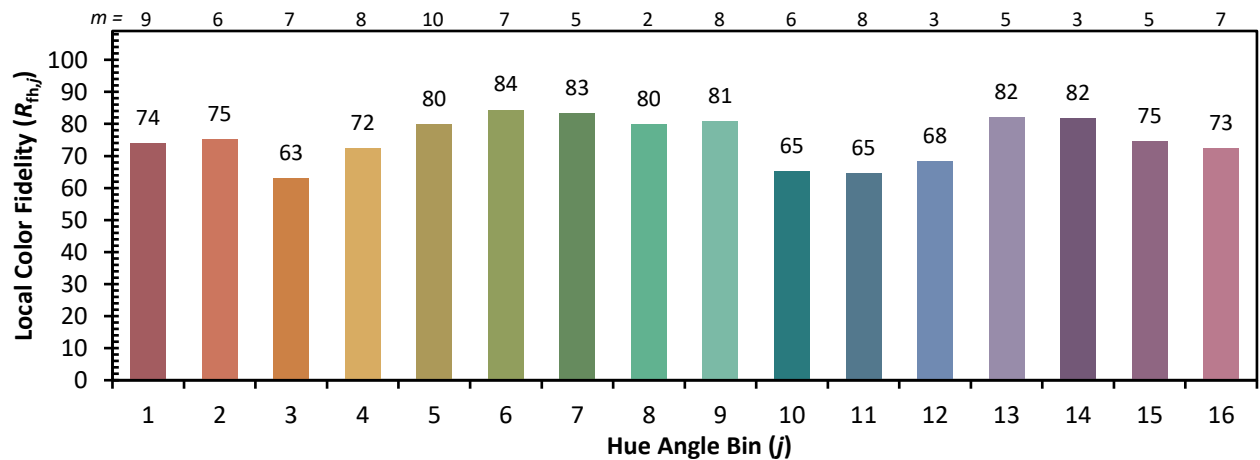
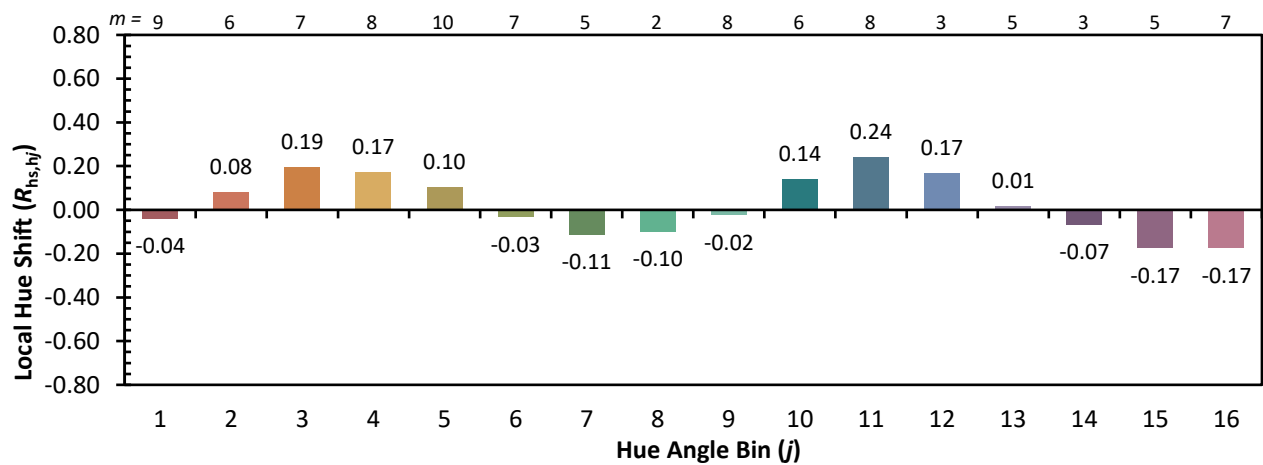
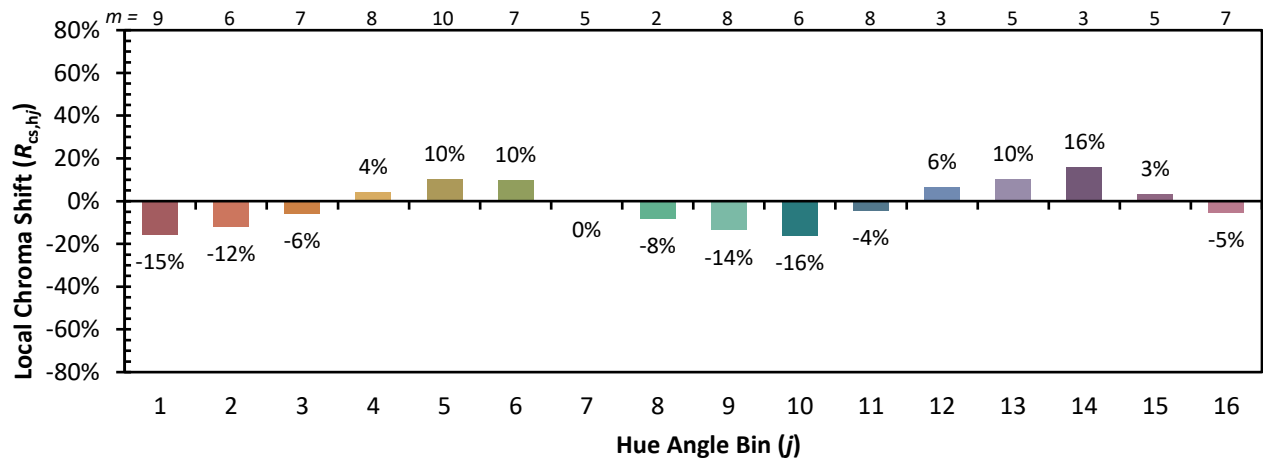
### Color Vector Graphics



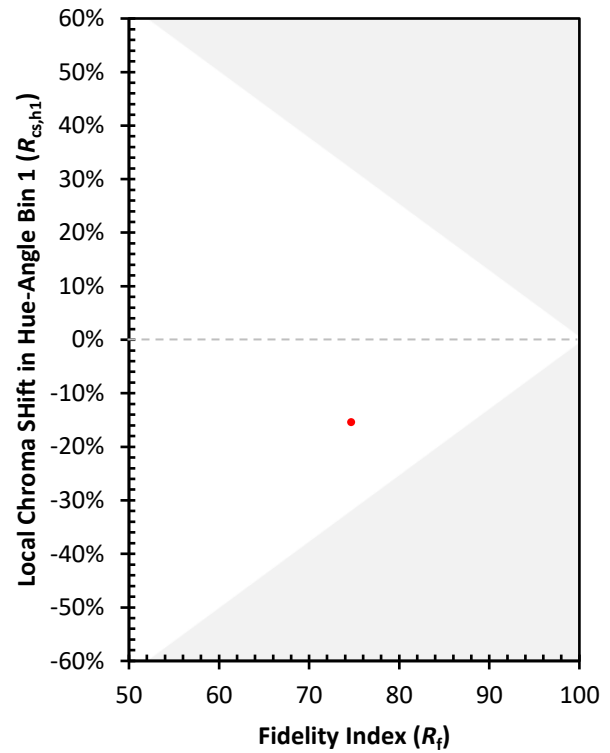
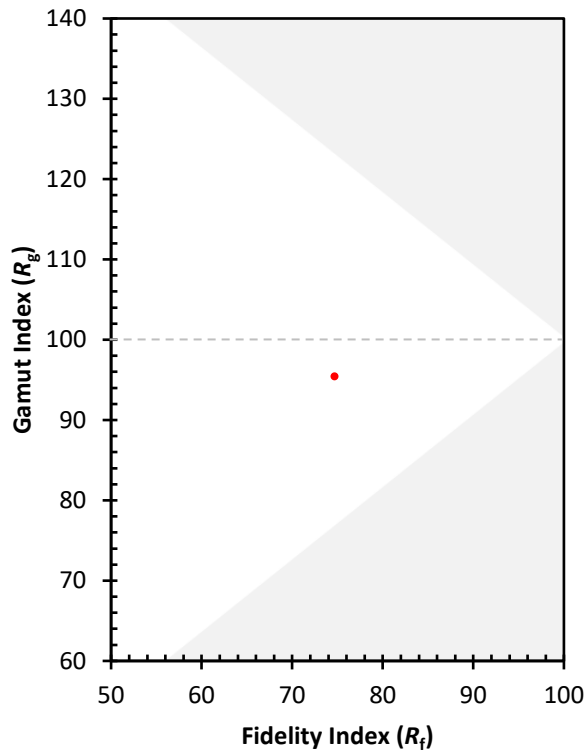
**Individual Sample Fidelity Index ( $R_{f,i}$ )**

|            |            |            |            |
|------------|------------|------------|------------|
| CES01 = 85 | CES26 = 63 | CES51 = 88 | CES76 = 51 |
| CES02 = 61 | CES27 = 87 | CES52 = 88 | CES77 = 70 |
| CES03 = 30 | CES28 = 81 | CES53 = 76 | CES78 = 54 |
| CES04 = 70 | CES29 = 63 | CES54 = 84 | CES79 = 81 |
| CES05 = 47 | CES30 = 76 | CES55 = 83 | CES80 = 78 |
| CES06 = 50 | CES31 = 67 | CES56 = 72 | CES81 = 79 |
| CES07 = 40 | CES32 = 61 | CES57 = 71 | CES82 = 91 |
| CES08 = 39 | CES33 = 73 | CES58 = 72 | CES83 = 88 |
| CES09 = 29 | CES34 = 70 | CES59 = 86 | CES84 = 87 |
| CES10 = 74 | CES35 = 83 | CES60 = 91 | CES85 = 80 |
| CES11 = 57 | CES36 = 96 | CES61 = 85 | CES86 = 74 |
| CES12 = 63 | CES37 = 77 | CES62 = 86 | CES87 = 78 |
| CES13 = 42 | CES38 = 85 | CES63 = 72 | CES88 = 80 |
| CES14 = 74 | CES39 = 95 | CES64 = 68 | CES89 = 72 |
| CES15 = 71 | CES40 = 89 | CES65 = 64 | CES90 = 79 |
| CES16 = 46 | CES41 = 90 | CES66 = 61 | CES91 = 80 |
| CES17 = 49 | CES42 = 78 | CES67 = 58 | CES92 = 64 |
| CES18 = 56 | CES43 = 76 | CES68 = 67 | CES93 = 78 |
| CES19 = 71 | CES44 = 99 | CES69 = 76 | CES94 = 57 |
| CES20 = 65 | CES45 = 84 | CES70 = 58 | CES95 = 69 |
| CES21 = 86 | CES46 = 81 | CES71 = 52 | CES96 = 78 |
| CES22 = 78 | CES47 = 82 | CES72 = 84 | CES97 = 84 |
| CES23 = 92 | CES48 = 75 | CES73 = 49 | CES98 = 75 |
| CES24 = 91 | CES49 = 79 | CES74 = 95 | CES99 = 66 |
| CES25 = 72 | CES50 = 87 | CES75 = 52 |            |



**Color Rendition by Hue-Angle Bin**


**Measure Comparisons**



(END OF REPORT)