

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

Test Report Prepared for  
Cooper Lighting Solutions  
(formerly Eaton)

Brand: INVUE

Report Number: P173434

Luminaire Tested: **ENC-FXX-LED-E1-SLR-7030-BBB**

Issue Date: 03/03/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P173434  
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (P33647)  
Test Lab: INNOVATION CENTER-P3  
Issue Date: 03/03/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: INVUE  
Catalog Number: ENC-FXX-LED-E1-SLR-7030-BBB  
Description: ENTRI LED LUMINAIRE, EMERGENCY MODE  
LIGHTBARS WITH AccuLED OPTICS - 90° SPILL LIGHT ELIMINATOR RIGHT  
Light Source: (14) 3000K CCT, 70 CRI LEDs  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 1188.6 lumens  
Efficiency: N/A  
Efficacy: 216.1 lumens/watt  
Luminous Opening: Rectangular (W 1' x L: 0.33' x H: 0')  
IES Classification: Type IV - Short - Non-Cutoff  
BUG Rating: B0 - U0 - G1

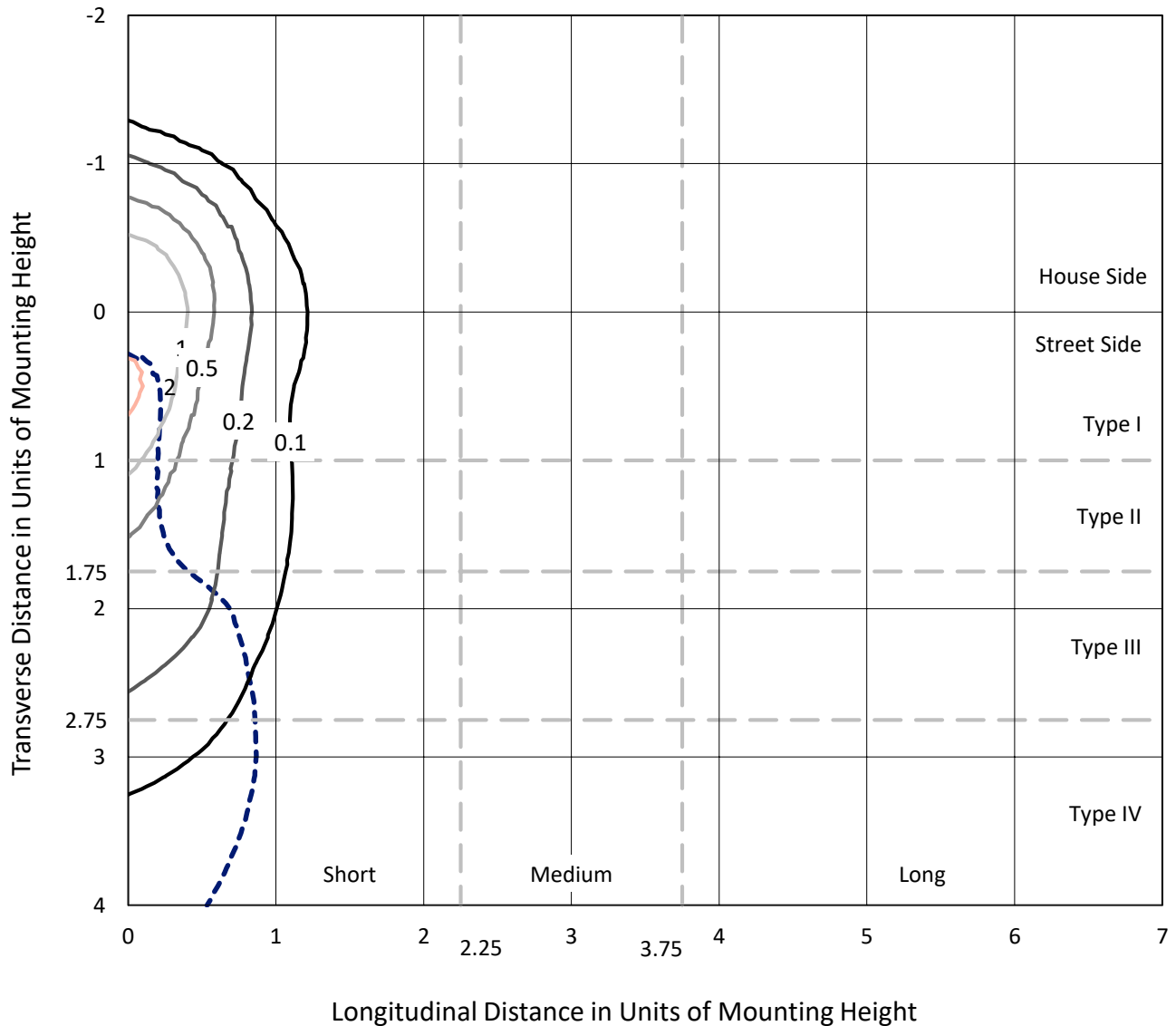
Input Watts (W): 5.5  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT



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### Iso-Footcandle Lines of Horizontal Illumination

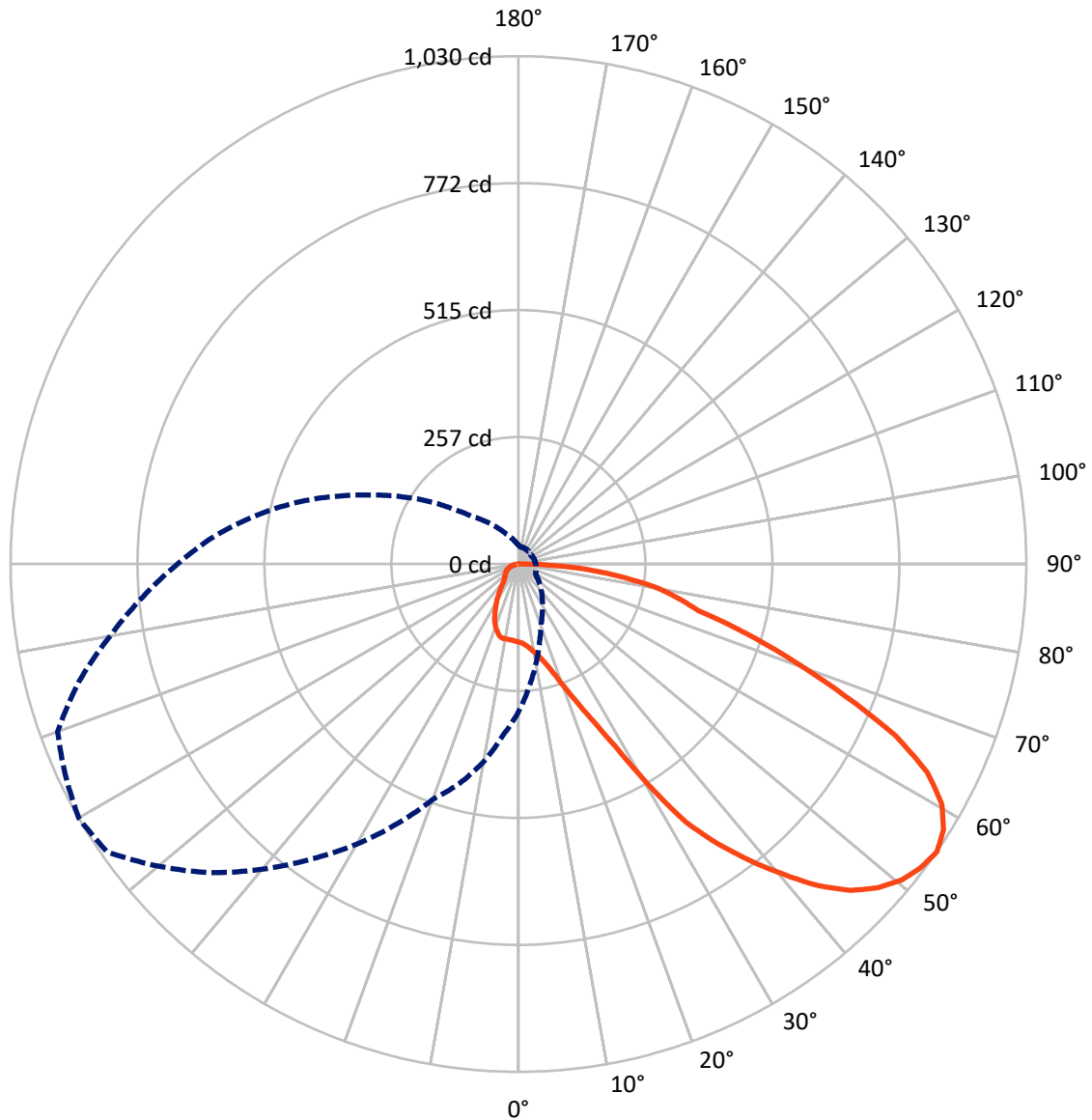
× Max cd  
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 2.5 fc  
 Type IV - Short - Non-Cutoff

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### Luminous Intensity Polar Plot



— Vertical Plane Through 300-Deg Lateral    - - - Horizontal Cone Through 55-Deg Vertical

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**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total  |
|--------------------|-----------|----------|--------|--------|
| <b>House Side</b>  | Lumens    | 297.1    | 0.0    | 297.1  |
|                    | % Fixture | 25.0     | 0.0    | 25.0   |
| <b>Street Side</b> | Lumens    | 891.5    | 0.0    | 891.5  |
|                    | % Fixture | 75.0     | 0.0    | 75.0   |
| <b>Total</b>       | Lumens    | 1188.6   | 0.0    | 1188.6 |
|                    | % Fixture | 100.0    | 0.0    | 100.0  |

**Coefficient of Utilization**

**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 15.6   | 1.3       |
| 10°-20°   | 51.3   | 4.3       |
| 20°-30°   | 99.5   | 8.4       |
| 30°-40°   | 156.4  | 13.2      |
| 40°-50°   | 209.1  | 17.6      |
| 50°-60°   | 245.3  | 20.6      |
| 60°-70°   | 232.8  | 19.6      |
| 70°-80°   | 140.5  | 11.8      |
| 80°-90°   | 38.1   | 3.2       |
| 90°-100°  | 0.0    | 0.0       |
| 100°-110° | 0.0    | 0.0       |
| 110°-120° | 0.0    | 0.0       |
| 120°-130° | 0.0    | 0.0       |
| 130°-140° | 0.0    | 0.0       |
| 140°-150° | 0.0    | 0.0       |
| 150°-160° | 0.0    | 0.0       |
| 160°-170° | 0.0    | 0.0       |
| 170°-180° | 0.0    | 0.0       |
| 0°-90°    | 1188.6 | 100.0     |
| 0°-180°   | 1188.6 | 100.0     |



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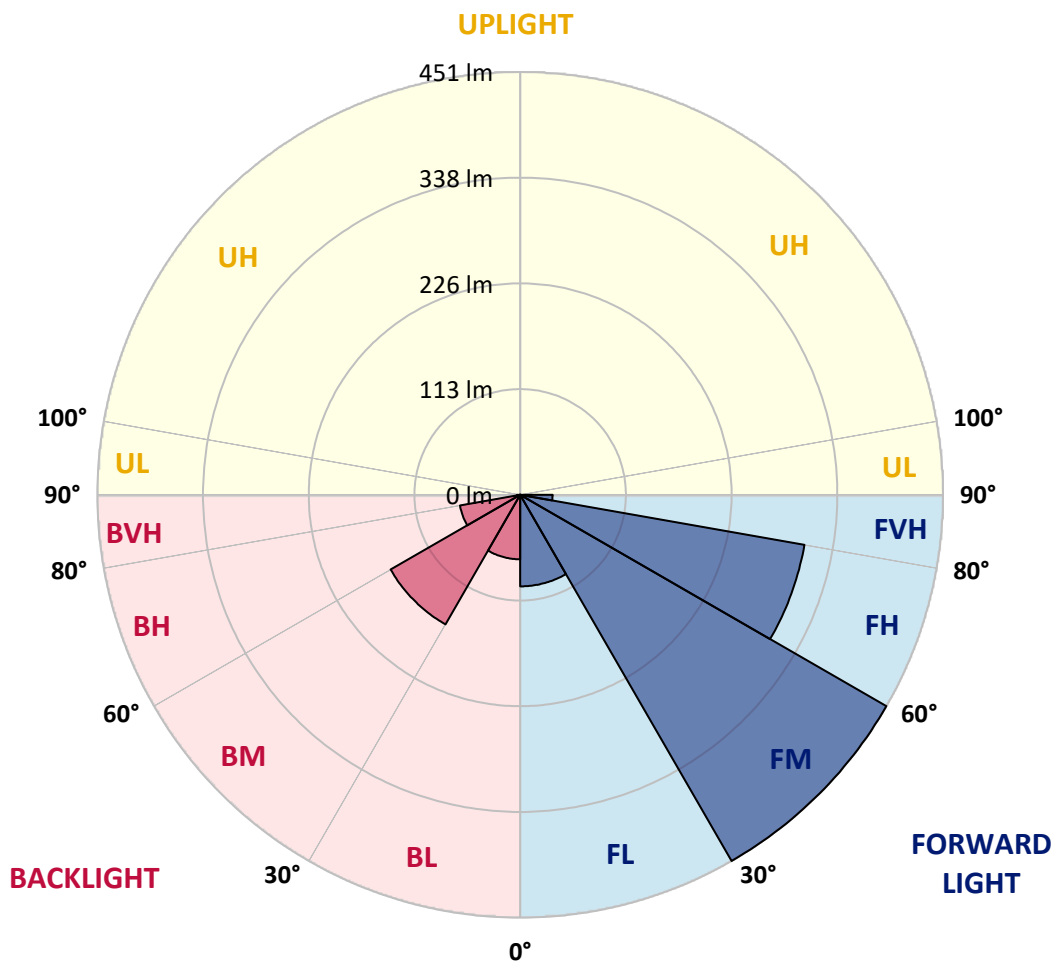
CATALOG NUMBER: ENC-FXX-LED-E1-SLR-7030-BBB

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

| Zone           | Lumens | % Fixture | Zone Rating/Lumen Limit |      |        |
|----------------|--------|-----------|-------------------------|------|--------|
|                |        |           | B                       | U    | G      |
| FL (0°-30°)    | 97.7   | 8.2       |                         |      |        |
| FM (30°-60°)   | 451.2  | 38.0      |                         |      |        |
| FH (60°-80°)   | 308.0  | 25.9      |                         |      | G0/660 |
| FVH (80°-90°)  | 34.6   | 2.9       |                         |      | G1/100 |
| BL (0°-30°)    | 68.8   | 5.8       | B0/110                  |      |        |
| BM (30°-60°)   | 159.7  | 13.4      | B0/220                  |      |        |
| BH (60°-80°)   | 65.2   | 5.5       | B0/110                  |      | G0/110 |
| BVH (80°-90°)  | 3.5    | 0.3       |                         |      | G0/10  |
| UL (90°-100°)  | 0.0    | 0.0       |                         | U0/0 |        |
| UH (100°-180°) | 0.0    | 0.0       |                         | U0/0 |        |

**BUG Rating: B0-U0-G1**

Type IV Short





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**CANDELA DISTRIBUTION (FULL):**

|       | 0°    | 5°    | 10°   | 15°   | 20°   | 25°   | 30°   | 35°   | 40°   | 45°   | 50°   |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°    | 158.4 | 158.4 | 158.4 | 158.4 | 158.4 | 158.4 | 158.4 | 158.4 | 158.4 | 158.4 | 158.4 |
| 2.5°  | 161.8 | 163.1 | 161.6 | 161.8 | 161.4 | 160.9 | 161.1 | 160.9 | 160.4 | 160.4 | 159.9 |
| 5°    | 165.8 | 166.0 | 165.0 | 164.8 | 164.3 | 163.6 | 163.8 | 163.1 | 162.6 | 162.1 | 161.1 |
| 7.5°  | 170.4 | 170.1 | 168.9 | 168.2 | 167.9 | 166.7 | 166.5 | 165.5 | 164.8 | 164.1 | 162.8 |
| 10°   | 177.5 | 175.5 | 174.1 | 172.8 | 172.3 | 170.9 | 169.7 | 169.2 | 167.9 | 166.3 | 165.3 |
| 12.5° | 187.7 | 186.5 | 183.6 | 181.1 | 179.7 | 177.7 | 176.0 | 174.8 | 172.8 | 170.4 | 169.2 |
| 15°   | 206.0 | 202.1 | 198.7 | 195.0 | 192.1 | 188.9 | 184.8 | 181.6 | 178.2 | 174.1 | 170.9 |
| 17.5° | 229.7 | 224.8 | 219.4 | 213.6 | 207.5 | 200.7 | 192.6 | 186.5 | 179.7 | 172.6 | 167.7 |
| 20°   | 258.8 | 249.7 | 242.2 | 230.9 | 219.7 | 209.0 | 196.3 | 185.5 | 175.8 | 166.5 | 159.4 |
| 22.5° | 291.5 | 277.8 | 262.4 | 245.3 | 227.3 | 210.7 | 192.9 | 178.2 | 164.1 | 152.6 | 144.5 |
| 25°   | 328.8 | 307.3 | 283.9 | 258.0 | 232.1 | 207.5 | 185.5 | 167.2 | 152.1 | 138.4 | 129.4 |
| 27.5° | 351.8 | 322.5 | 294.4 | 263.6 | 234.1 | 205.6 | 178.7 | 157.4 | 140.1 | 125.5 | 115.0 |
| 30°   | 356.7 | 327.1 | 294.2 | 260.7 | 230.2 | 199.0 | 169.7 | 146.0 | 126.7 | 111.3 | 100.8 |
| 32.5° | 360.1 | 325.9 | 289.3 | 252.2 | 219.0 | 186.0 | 156.2 | 132.8 | 112.3 | 97.2  | 85.0  |
| 35°   | 361.1 | 321.3 | 280.0 | 238.7 | 203.8 | 170.1 | 140.4 | 115.7 | 97.9  | 83.0  | 72.0  |
| 37.5° | 359.6 | 313.7 | 267.6 | 224.8 | 187.5 | 152.3 | 123.0 | 101.6 | 86.4  | 72.0  | 62.3  |
| 40°   | 353.7 | 304.2 | 256.3 | 211.4 | 170.9 | 134.5 | 108.4 | 89.8  | 76.9  | 65.9  | 58.3  |
| 42.5° | 346.2 | 293.2 | 243.9 | 195.8 | 154.8 | 120.3 | 96.7  | 81.8  | 70.8  | 63.0  | 56.6  |
| 45°   | 336.6 | 281.7 | 230.9 | 181.9 | 141.1 | 109.6 | 89.8  | 77.4  | 68.8  | 62.0  | 56.1  |
| 47.5° | 324.9 | 269.5 | 218.5 | 171.4 | 131.8 | 104.3 | 88.4  | 77.4  | 68.8  | 61.5  | 55.2  |
| 50°   | 313.9 | 258.5 | 209.0 | 164.8 | 127.7 | 104.5 | 89.8  | 78.4  | 68.6  | 60.5  | 53.5  |
| 52.5° | 305.4 | 251.9 | 205.1 | 162.3 | 128.1 | 106.9 | 92.8  | 79.8  | 69.3  | 60.5  | 53.0  |
| 55°   | 300.0 | 249.2 | 204.6 | 164.5 | 133.3 | 113.5 | 97.4  | 84.2  | 72.7  | 62.5  | 53.7  |
| 57.5° | 300.7 | 252.2 | 210.4 | 173.6 | 145.0 | 125.0 | 106.7 | 92.0  | 77.6  | 64.9  | 53.9  |
| 60°   | 308.3 | 261.9 | 224.6 | 194.8 | 164.5 | 140.4 | 118.4 | 98.9  | 79.8  | 64.2  | 52.3  |
| 62.5° | 327.4 | 284.9 | 254.4 | 223.8 | 188.7 | 155.5 | 125.5 | 100.1 | 77.4  | 60.5  | 48.1  |
| 65°   | 363.5 | 326.1 | 296.9 | 258.8 | 208.7 | 161.8 | 124.7 | 96.4  | 72.7  | 54.7  | 42.5  |
| 67.5° | 398.9 | 359.3 | 318.1 | 260.7 | 203.8 | 157.2 | 116.7 | 87.4  | 64.5  | 46.9  | 37.6  |
| 70°   | 433.1 | 381.8 | 328.8 | 258.3 | 189.7 | 135.2 | 97.4  | 73.0  | 51.3  | 39.0  | 32.2  |
| 72.5° | 410.6 | 351.5 | 297.3 | 227.8 | 163.1 | 111.1 | 77.6  | 53.0  | 39.3  | 32.2  | 27.8  |
| 75°   | 313.4 | 272.4 | 225.3 | 174.8 | 120.3 | 78.4  | 51.7  | 37.6  | 30.3  | 25.4  | 22.7  |
| 77.5° | 225.6 | 195.0 | 156.5 | 114.7 | 75.2  | 49.6  | 35.2  | 26.8  | 22.5  | 19.0  | 17.6  |
| 80°   | 130.8 | 112.3 | 87.6  | 63.2  | 43.0  | 31.0  | 23.4  | 19.0  | 16.3  | 13.9  | 13.4  |
| 82.5° | 81.8  | 65.4  | 46.4  | 31.2  | 22.0  | 17.1  | 13.7  | 11.7  | 9.8   | 8.5   | 7.3   |
| 85°   | 35.4  | 25.4  | 14.4  | 8.1   | 6.1   | 4.6   | 3.7   | 3.2   | 2.7   | 2.4   | 1.9   |
| 87.5° | 1.2   | 1.2   | 1.2   | 1.2   | 1.2   | 1.2   | 1.5   | 1.5   | 1.5   | 1.5   | 1.2   |
| 90°   | 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):**

|       | 55°   | 60°   | 65°   | 70°   | 75°   | 80°   | 85°   | 90°   | 95°   | 100°  | 105°  |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°    | 158.4 | 158.4 | 158.4 | 158.4 | 158.4 | 158.4 | 158.4 | 158.4 | 158.4 | 158.4 | 158.4 |
| 2.5°  | 159.9 | 159.4 | 159.2 | 159.2 | 158.7 | 158.7 | 158.2 | 158.4 | 158.2 | 157.7 | 157.4 |
| 5°    | 160.9 | 160.1 | 159.6 | 159.2 | 158.4 | 158.2 | 157.7 | 157.7 | 157.0 | 156.2 | 156.0 |
| 7.5°  | 162.1 | 161.1 | 160.4 | 159.4 | 158.4 | 157.9 | 157.0 | 156.5 | 155.7 | 155.0 | 154.8 |
| 10°   | 164.5 | 162.8 | 161.6 | 160.4 | 158.7 | 157.7 | 156.2 | 155.5 | 154.8 | 153.8 | 153.3 |
| 12.5° | 167.2 | 165.0 | 163.3 | 160.4 | 158.7 | 157.0 | 155.5 | 154.0 | 152.6 | 151.6 | 151.4 |
| 15°   | 167.2 | 164.5 | 160.9 | 158.2 | 155.7 | 153.3 | 151.8 | 150.4 | 148.7 | 147.9 | 147.7 |
| 17.5° | 163.1 | 158.4 | 155.0 | 152.1 | 149.9 | 147.9 | 146.5 | 145.7 | 144.3 | 142.8 | 142.3 |
| 20°   | 153.6 | 148.2 | 144.3 | 141.1 | 138.7 | 136.7 | 136.2 | 135.5 | 134.7 | 134.7 | 135.0 |
| 22.5° | 137.9 | 132.1 | 128.7 | 125.2 | 122.5 | 121.6 | 121.8 | 122.5 | 122.8 | 122.5 | 124.3 |
| 25°   | 122.3 | 116.7 | 112.1 | 108.9 | 105.7 | 106.4 | 105.4 | 107.2 | 107.9 | 108.1 | 110.1 |
| 27.5° | 107.2 | 101.1 | 96.2  | 93.5  | 92.0  | 91.0  | 90.3  | 92.5  | 93.0  | 94.7  | 96.4  |
| 30°   | 91.0  | 85.4  | 79.8  | 77.6  | 76.4  | 75.7  | 75.9  | 77.9  | 79.1  | 81.5  | 83.0  |
| 32.5° | 76.1  | 69.3  | 65.2  | 62.3  | 61.0  | 60.8  | 61.0  | 62.5  | 63.9  | 67.1  | 69.3  |
| 35°   | 63.5  | 56.9  | 53.5  | 51.7  | 50.1  | 49.3  | 50.1  | 50.5  | 51.0  | 53.7  | 56.4  |
| 37.5° | 56.1  | 51.5  | 48.8  | 47.1  | 45.9  | 45.2  | 45.2  | 44.9  | 45.2  | 45.7  | 46.9  |
| 40°   | 53.0  | 49.6  | 47.1  | 45.4  | 44.4  | 43.9  | 43.7  | 43.4  | 43.2  | 43.2  | 43.2  |
| 42.5° | 51.7  | 47.9  | 45.4  | 43.9  | 43.4  | 43.4  | 43.4  | 43.2  | 42.7  | 42.2  | 42.0  |
| 45°   | 50.8  | 46.6  | 43.9  | 42.7  | 42.7  | 42.7  | 43.0  | 42.7  | 42.2  | 41.5  | 40.8  |
| 47.5° | 49.1  | 44.9  | 42.5  | 41.5  | 41.5  | 41.5  | 41.7  | 41.5  | 41.0  | 40.5  | 39.8  |
| 50°   | 47.1  | 42.7  | 40.3  | 39.5  | 39.3  | 39.3  | 39.0  | 38.8  | 38.6  | 38.1  | 37.4  |
| 52.5° | 45.9  | 41.2  | 39.0  | 38.6  | 38.1  | 37.8  | 37.4  | 37.1  | 36.6  | 36.4  | 35.6  |
| 55°   | 45.7  | 40.3  | 38.3  | 37.8  | 37.4  | 36.6  | 35.6  | 35.2  | 34.2  | 33.9  | 33.4  |
| 57.5° | 44.9  | 39.3  | 37.1  | 35.9  | 34.7  | 33.9  | 33.0  | 32.5  | 32.0  | 31.5  | 31.0  |
| 60°   | 42.5  | 36.4  | 33.7  | 33.0  | 32.2  | 32.0  | 31.5  | 31.0  | 30.3  | 29.5  | 28.6  |
| 62.5° | 37.8  | 32.7  | 31.0  | 30.8  | 30.5  | 30.0  | 29.5  | 28.8  | 28.3  | 27.3  | 26.4  |
| 65°   | 34.2  | 30.8  | 29.8  | 29.3  | 29.0  | 28.3  | 27.8  | 27.3  | 26.6  | 25.9  | 24.9  |
| 67.5° | 31.0  | 28.6  | 28.1  | 27.3  | 27.1  | 26.6  | 25.9  | 25.4  | 24.7  | 23.9  | 23.0  |
| 70°   | 28.1  | 26.1  | 25.9  | 25.4  | 24.9  | 24.7  | 23.7  | 23.0  | 22.7  | 21.7  | 21.0  |
| 72.5° | 24.9  | 23.7  | 23.2  | 22.7  | 22.2  | 22.0  | 21.5  | 21.0  | 20.5  | 19.5  | 18.6  |
| 75°   | 20.8  | 20.3  | 20.0  | 19.5  | 19.3  | 18.8  | 18.1  | 17.3  | 17.1  | 16.3  | 15.6  |
| 77.5° | 16.6  | 16.1  | 16.1  | 15.6  | 14.9  | 14.1  | 13.4  | 12.5  | 12.5  | 12.5  | 11.9  |
| 80°   | 11.7  | 11.2  | 10.5  | 10.3  | 9.8   | 9.3   | 8.5   | 8.1   | 7.6   | 7.6   | 7.6   |
| 82.5° | 6.8   | 6.6   | 6.1   | 5.4   | 4.9   | 4.6   | 3.9   | 3.4   | 3.2   | 2.7   | 2.7   |
| 85°   | 1.5   | 1.5   | 1.0   | 1.0   | 0.7   | 0.7   | 0.7   | 0.5   | 0.5   | 0.3   | 0.3   |
| 87.5° | 1.2   | 1.2   | 1.2   | 1.0   | 1.0   | 1.0   | 0.7   | 0.7   | 0.7   | 0.5   | 0.5   |
| 90°   | 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):**

|       | 110°  | 115°  | 120°  | 125°  | 130°  | 135°  | 140°  | 145°  | 150°  | 155°  | 160°  |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°    | 158.4 | 158.4 | 158.4 | 158.4 | 158.4 | 158.4 | 158.4 | 158.4 | 158.4 | 158.4 | 158.4 |
| 2.5°  | 157.4 | 157.2 | 156.7 | 155.7 | 155.5 | 155.2 | 155.5 | 155.5 | 155.2 | 155.5 | 155.7 |
| 5°    | 156.0 | 155.7 | 155.0 | 154.5 | 154.0 | 154.0 | 155.5 | 155.5 | 154.8 | 155.0 | 156.0 |
| 7.5°  | 154.8 | 154.8 | 154.3 | 154.0 | 154.3 | 155.0 | 156.2 | 157.2 | 157.0 | 158.4 | 158.9 |
| 10°   | 153.3 | 153.6 | 153.8 | 154.8 | 156.2 | 157.4 | 159.4 | 161.1 | 161.6 | 162.8 | 163.6 |
| 12.5° | 151.8 | 152.8 | 154.0 | 156.0 | 157.9 | 159.9 | 162.1 | 164.1 | 164.3 | 165.5 | 166.5 |
| 15°   | 148.2 | 149.6 | 151.4 | 153.6 | 156.5 | 158.7 | 161.8 | 163.3 | 163.8 | 164.5 | 165.8 |
| 17.5° | 142.6 | 143.3 | 144.5 | 147.0 | 150.1 | 153.1 | 156.7 | 159.2 | 160.6 | 161.6 | 162.1 |
| 20°   | 135.0 | 136.5 | 137.2 | 139.4 | 141.1 | 143.3 | 148.2 | 151.4 | 154.3 | 155.7 | 157.2 |
| 22.5° | 124.5 | 126.2 | 127.9 | 130.1 | 131.1 | 132.5 | 137.2 | 142.1 | 146.5 | 149.4 | 151.1 |
| 25°   | 111.3 | 113.3 | 115.7 | 118.4 | 119.6 | 121.1 | 126.5 | 131.3 | 136.7 | 141.8 | 144.3 |
| 27.5° | 98.1  | 100.6 | 103.0 | 106.2 | 108.1 | 109.9 | 114.5 | 119.1 | 124.7 | 129.6 | 132.1 |
| 30°   | 85.4  | 88.9  | 91.0  | 94.7  | 96.4  | 98.1  | 102.3 | 107.4 | 111.3 | 116.9 | 120.1 |
| 32.5° | 72.3  | 74.7  | 78.8  | 83.0  | 85.0  | 86.7  | 90.6  | 95.0  | 98.4  | 104.0 | 108.6 |
| 35°   | 60.3  | 62.5  | 66.9  | 71.0  | 72.3  | 75.0  | 78.8  | 82.8  | 85.9  | 91.0  | 95.4  |
| 37.5° | 49.1  | 52.7  | 56.1  | 59.3  | 62.0  | 63.9  | 67.6  | 71.0  | 72.7  | 77.6  | 82.3  |
| 40°   | 43.7  | 45.4  | 47.9  | 50.8  | 52.5  | 54.4  | 57.1  | 60.1  | 62.0  | 65.4  | 69.3  |
| 42.5° | 41.7  | 41.7  | 42.5  | 43.9  | 46.1  | 47.1  | 49.6  | 51.0  | 53.7  | 55.2  | 58.6  |
| 45°   | 40.3  | 39.8  | 40.0  | 40.0  | 40.8  | 41.5  | 43.4  | 44.9  | 46.6  | 47.9  | 50.1  |
| 47.5° | 39.0  | 38.1  | 37.8  | 37.4  | 37.1  | 37.6  | 39.0  | 40.3  | 41.0  | 42.0  | 42.7  |
| 50°   | 36.4  | 35.6  | 34.9  | 34.4  | 34.2  | 34.7  | 35.9  | 36.9  | 37.1  | 37.6  | 38.1  |
| 52.5° | 34.9  | 33.9  | 33.2  | 32.5  | 32.5  | 33.0  | 33.9  | 34.7  | 34.9  | 35.2  | 35.6  |
| 55°   | 33.0  | 32.5  | 32.0  | 31.2  | 31.0  | 31.7  | 32.5  | 33.2  | 33.7  | 33.7  | 34.2  |
| 57.5° | 30.5  | 30.0  | 30.5  | 30.3  | 30.0  | 30.5  | 31.5  | 32.2  | 32.5  | 32.5  | 32.7  |
| 60°   | 28.1  | 27.8  | 27.8  | 28.3  | 28.8  | 29.5  | 30.3  | 31.2  | 31.0  | 30.5  | 30.8  |
| 62.5° | 25.9  | 25.6  | 25.9  | 26.6  | 27.3  | 28.1  | 29.0  | 29.8  | 29.0  | 28.6  | 28.6  |
| 65°   | 24.4  | 24.2  | 24.4  | 24.7  | 24.9  | 25.6  | 26.8  | 27.1  | 26.6  | 26.6  | 26.6  |
| 67.5° | 22.5  | 22.2  | 22.0  | 22.2  | 22.5  | 22.7  | 23.7  | 23.9  | 23.9  | 23.9  | 23.9  |
| 70°   | 20.0  | 19.8  | 19.5  | 19.5  | 19.5  | 19.8  | 20.0  | 20.5  | 21.0  | 21.5  | 21.7  |
| 72.5° | 17.3  | 16.8  | 16.8  | 16.8  | 16.3  | 16.6  | 16.8  | 17.8  | 18.3  | 18.8  | 19.3  |
| 75°   | 14.6  | 14.1  | 14.1  | 13.7  | 13.9  | 14.1  | 14.1  | 14.6  | 15.1  | 15.9  | 16.3  |
| 77.5° | 11.5  | 11.5  | 11.5  | 11.2  | 11.2  | 11.5  | 11.7  | 11.7  | 12.2  | 13.0  | 13.7  |
| 80°   | 7.3   | 7.3   | 7.8   | 8.1   | 8.3   | 8.5   | 9.0   | 9.3   | 9.5   | 10.3  | 10.5  |
| 82.5° | 2.7   | 2.9   | 3.2   | 3.2   | 3.9   | 4.9   | 5.1   | 5.9   | 6.3   | 7.1   | 7.1   |
| 85°   | 0.3   | 0.3   | 0.3   | 0.3   | 0.3   | 0.5   | 0.7   | 1.0   | 1.5   | 2.2   | 2.7   |
| 87.5° | 0.5   | 0.3   | 0.3   | 0.3   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 90°   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |



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**CANDELA DISTRIBUTION (continued):**

|       | 165°  | 170°  | 175°  | 180°  | 185°  | 190°  | 195°  | 200°  | 205°  | 210°  | 215°  |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°    | 158.4 | 158.4 | 158.4 | 158.4 | 158.4 | 158.4 | 158.4 | 158.4 | 158.4 | 158.4 | 158.4 |
| 2.5°  | 156.0 | 156.7 | 156.5 | 156.2 | 156.5 | 157.0 | 156.7 | 157.0 | 157.2 | 157.7 | 157.4 |
| 5°    | 156.2 | 157.0 | 157.2 | 157.2 | 157.7 | 158.4 | 158.4 | 158.7 | 158.9 | 159.4 | 159.4 |
| 7.5°  | 159.6 | 161.4 | 161.4 | 161.6 | 162.3 | 163.1 | 163.3 | 163.6 | 163.3 | 163.3 | 163.3 |
| 10°   | 164.8 | 166.7 | 167.0 | 168.2 | 169.2 | 168.9 | 168.9 | 169.2 | 168.7 | 168.2 | 167.4 |
| 12.5° | 167.4 | 169.2 | 169.7 | 170.9 | 172.3 | 172.6 | 173.3 | 173.8 | 173.3 | 172.1 | 170.9 |
| 15°   | 166.7 | 168.2 | 169.2 | 170.6 | 172.3 | 173.3 | 174.8 | 175.3 | 175.0 | 173.6 | 172.1 |
| 17.5° | 163.6 | 165.3 | 166.5 | 168.5 | 170.4 | 171.9 | 173.3 | 174.1 | 174.1 | 172.8 | 171.9 |
| 20°   | 158.4 | 160.4 | 162.1 | 164.3 | 166.7 | 168.5 | 170.1 | 170.6 | 170.6 | 170.1 | 170.9 |
| 22.5° | 153.1 | 155.2 | 157.2 | 159.4 | 162.6 | 164.3 | 166.3 | 167.7 | 168.5 | 169.4 | 172.6 |
| 25°   | 146.2 | 147.2 | 149.6 | 152.1 | 156.5 | 159.4 | 163.6 | 167.4 | 171.4 | 175.8 | 182.1 |
| 27.5° | 134.3 | 136.0 | 138.9 | 142.3 | 146.7 | 152.1 | 159.6 | 167.2 | 174.3 | 180.9 | 188.7 |
| 30°   | 124.3 | 127.4 | 130.6 | 134.5 | 139.2 | 144.3 | 153.1 | 162.8 | 171.4 | 179.2 | 187.7 |
| 32.5° | 113.5 | 117.4 | 121.6 | 126.7 | 131.1 | 135.7 | 143.0 | 153.8 | 164.1 | 172.8 | 181.9 |
| 35°   | 101.1 | 105.2 | 109.4 | 114.7 | 119.4 | 125.2 | 131.8 | 142.3 | 154.0 | 164.1 | 174.8 |
| 37.5° | 87.6  | 91.3  | 95.9  | 100.8 | 106.2 | 113.0 | 120.1 | 129.9 | 142.1 | 152.8 | 165.0 |
| 40°   | 75.0  | 78.8  | 83.5  | 88.9  | 94.2  | 101.6 | 109.6 | 118.9 | 130.1 | 141.6 | 154.5 |
| 42.5° | 63.0  | 68.1  | 73.0  | 78.4  | 84.0  | 90.8  | 99.4  | 109.4 | 120.6 | 132.8 | 146.5 |
| 45°   | 53.0  | 56.9  | 62.0  | 66.4  | 72.5  | 79.1  | 87.9  | 99.1  | 112.1 | 125.0 | 139.4 |
| 47.5° | 44.2  | 46.6  | 51.0  | 56.4  | 62.0  | 68.8  | 76.1  | 87.4  | 100.6 | 114.7 | 130.8 |
| 50°   | 38.8  | 40.0  | 43.2  | 48.1  | 53.5  | 60.3  | 66.6  | 76.4  | 89.6  | 103.5 | 120.1 |
| 52.5° | 36.1  | 36.6  | 38.3  | 42.0  | 47.1  | 53.2  | 60.1  | 68.3  | 80.1  | 93.7  | 109.6 |
| 55°   | 34.7  | 34.9  | 35.4  | 38.1  | 42.5  | 48.1  | 54.9  | 61.5  | 72.0  | 85.0  | 100.3 |
| 57.5° | 33.0  | 33.2  | 33.4  | 34.9  | 38.1  | 43.0  | 48.8  | 54.2  | 63.7  | 75.2  | 89.8  |
| 60°   | 31.2  | 31.7  | 32.2  | 32.7  | 34.9  | 38.1  | 42.5  | 47.1  | 53.7  | 63.7  | 75.7  |
| 62.5° | 29.0  | 29.5  | 30.3  | 30.8  | 31.5  | 33.4  | 36.1  | 39.0  | 42.5  | 49.6  | 59.3  |
| 65°   | 27.1  | 27.6  | 27.8  | 28.1  | 28.6  | 29.0  | 30.0  | 30.8  | 32.5  | 36.6  | 43.4  |
| 67.5° | 24.4  | 24.9  | 24.9  | 25.2  | 25.4  | 25.4  | 25.9  | 26.1  | 26.6  | 27.8  | 30.8  |
| 70°   | 22.2  | 22.5  | 22.7  | 23.0  | 23.0  | 23.0  | 22.7  | 23.0  | 22.7  | 22.7  | 23.9  |
| 72.5° | 19.5  | 19.8  | 20.0  | 20.3  | 20.5  | 20.8  | 21.0  | 21.0  | 20.8  | 20.3  | 20.3  |
| 75°   | 16.6  | 16.6  | 17.1  | 17.3  | 17.6  | 18.3  | 18.8  | 18.3  | 18.3  | 18.1  | 18.1  |
| 77.5° | 13.9  | 14.4  | 14.6  | 14.6  | 15.1  | 15.9  | 16.3  | 16.1  | 15.4  | 15.4  | 15.6  |
| 80°   | 10.7  | 11.0  | 11.2  | 11.5  | 11.7  | 12.5  | 13.2  | 13.4  | 13.0  | 13.2  | 13.2  |
| 82.5° | 7.1   | 7.3   | 7.8   | 8.1   | 8.3   | 9.0   | 9.8   | 10.5  | 10.3  | 10.7  | 10.3  |
| 85°   | 3.2   | 3.7   | 3.9   | 3.9   | 4.6   | 5.4   | 6.3   | 7.1   | 8.1   | 8.3   | 7.6   |
| 87.5° | 0.0   | 0.3   | 0.3   | 0.3   | 1.0   | 1.7   | 3.2   | 4.9   | 6.6   | 5.1   | 3.9   |
| 90°   | 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):**

|       | 220°  | 225°  | 230°  | 235°  | 240°  | 245°  | 250°  | 255°  | 260°  | 265°  | 270°  |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°    | 158.4 | 158.4 | 158.4 | 158.4 | 158.4 | 158.4 | 158.4 | 158.4 | 158.4 | 158.4 | 158.4 |
| 2.5°  | 157.4 | 157.7 | 157.9 | 158.2 | 158.2 | 158.7 | 158.9 | 159.4 | 159.6 | 159.6 | 159.6 |
| 5°    | 159.6 | 159.6 | 160.1 | 160.4 | 160.6 | 161.4 | 161.6 | 162.3 | 163.1 | 163.3 | 164.1 |
| 7.5°  | 162.8 | 162.8 | 162.8 | 163.6 | 163.8 | 164.3 | 164.8 | 166.0 | 167.0 | 167.4 | 168.2 |
| 10°   | 167.0 | 166.3 | 166.0 | 166.3 | 166.3 | 166.7 | 167.9 | 168.7 | 169.9 | 172.1 | 173.6 |
| 12.5° | 169.4 | 168.2 | 168.2 | 167.4 | 167.9 | 168.5 | 169.7 | 171.4 | 173.3 | 176.5 | 179.4 |
| 15°   | 170.9 | 169.7 | 169.7 | 169.7 | 170.9 | 171.9 | 174.1 | 176.7 | 180.4 | 184.8 | 189.2 |
| 17.5° | 171.4 | 171.4 | 172.3 | 173.1 | 175.8 | 177.7 | 181.6 | 185.5 | 190.2 | 196.3 | 202.9 |
| 20°   | 172.6 | 174.5 | 177.2 | 179.2 | 182.1 | 185.3 | 189.2 | 195.0 | 202.9 | 210.7 | 219.4 |
| 22.5° | 176.7 | 181.6 | 185.0 | 189.4 | 194.3 | 198.2 | 202.9 | 211.2 | 219.7 | 229.5 | 240.5 |
| 25°   | 188.9 | 195.8 | 202.1 | 207.0 | 214.3 | 220.9 | 227.5 | 239.5 | 250.5 | 261.7 | 276.6 |
| 27.5° | 198.5 | 207.5 | 217.0 | 224.8 | 236.3 | 245.8 | 254.9 | 269.3 | 281.5 | 300.0 | 315.9 |
| 30°   | 199.2 | 210.4 | 223.4 | 236.1 | 250.5 | 264.1 | 281.0 | 295.1 | 313.2 | 335.4 | 356.2 |
| 32.5° | 194.8 | 207.0 | 221.9 | 237.3 | 255.4 | 273.9 | 293.9 | 316.6 | 337.4 | 362.3 | 389.4 |
| 35°   | 188.2 | 202.1 | 218.5 | 235.8 | 256.8 | 279.0 | 302.9 | 331.3 | 357.4 | 388.4 | 422.1 |
| 37.5° | 180.1 | 195.8 | 214.3 | 234.6 | 258.0 | 284.1 | 314.2 | 347.9 | 381.6 | 422.1 | 464.0 |
| 40°   | 170.9 | 187.0 | 208.0 | 231.2 | 259.5 | 292.0 | 328.8 | 368.4 | 412.5 | 460.9 | 506.0 |
| 42.5° | 162.3 | 178.9 | 200.9 | 227.0 | 261.2 | 302.7 | 349.1 | 398.2 | 449.2 | 498.5 | 550.0 |
| 45°   | 156.2 | 173.8 | 196.3 | 225.8 | 265.6 | 315.2 | 369.1 | 426.0 | 482.9 | 536.8 | 593.0 |
| 47.5° | 149.6 | 168.5 | 193.6 | 226.5 | 270.2 | 324.4 | 384.0 | 446.7 | 507.0 | 569.0 | 627.9 |
| 50°   | 139.2 | 161.4 | 191.1 | 228.5 | 274.4 | 330.3 | 393.5 | 460.2 | 526.1 | 593.0 | 658.1 |
| 52.5° | 127.9 | 150.1 | 184.8 | 227.8 | 275.8 | 332.0 | 398.4 | 468.9 | 539.3 | 609.8 | 679.1 |
| 55°   | 117.7 | 138.9 | 173.8 | 220.9 | 272.7 | 330.3 | 399.8 | 474.1 | 547.8 | 622.2 | 691.1 |
| 57.5° | 106.7 | 128.1 | 159.2 | 207.0 | 261.4 | 323.0 | 394.7 | 471.6 | 550.7 | 630.3 | 697.9 |
| 60°   | 92.3  | 113.8 | 142.8 | 185.3 | 241.7 | 306.1 | 378.1 | 456.7 | 537.8 | 622.7 | 690.1 |
| 62.5° | 73.7  | 94.0  | 120.3 | 158.2 | 214.8 | 277.6 | 347.9 | 426.0 | 499.5 | 592.2 | 660.8 |
| 65°   | 53.0  | 70.1  | 92.0  | 125.7 | 174.5 | 238.5 | 310.0 | 378.4 | 445.0 | 537.8 | 614.0 |
| 67.5° | 35.9  | 47.6  | 63.5  | 89.6  | 130.6 | 186.5 | 253.4 | 316.4 | 382.8 | 469.4 | 558.3 |
| 70°   | 26.1  | 32.5  | 41.2  | 58.1  | 86.4  | 129.4 | 182.3 | 240.5 | 295.6 | 374.9 | 470.2 |
| 72.5° | 21.2  | 24.4  | 29.3  | 37.1  | 52.7  | 79.8  | 120.1 | 165.0 | 210.2 | 263.9 | 354.7 |
| 75°   | 18.8  | 20.5  | 23.2  | 27.1  | 32.5  | 46.4  | 70.3  | 102.8 | 139.2 | 173.1 | 249.0 |
| 77.5° | 16.6  | 17.6  | 18.8  | 20.5  | 23.2  | 28.6  | 41.5  | 59.3  | 82.0  | 109.1 | 154.8 |
| 80°   | 13.2  | 14.1  | 15.1  | 16.3  | 18.1  | 20.3  | 25.6  | 34.2  | 47.6  | 60.1  | 88.4  |
| 82.5° | 10.3  | 11.2  | 12.2  | 13.7  | 14.1  | 14.4  | 16.6  | 19.5  | 25.2  | 33.9  | 50.5  |
| 85°   | 7.6   | 8.3   | 8.8   | 9.3   | 9.3   | 9.5   | 10.0  | 10.7  | 14.4  | 24.9  | 36.9  |
| 87.5° | 3.4   | 3.4   | 3.4   | 2.9   | 3.2   | 2.4   | 2.7   | 2.9   | 4.6   | 5.4   | 8.5   |
| 90°   | 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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REPORT N  
 CATALOG

**CANDELA DISTRIBUTION (continued):**

**CANDELA**

|       | 275°  | 280°  | 285°  | 290°  | 295°   | 300°   | 305°   | 310°  | 315°  | 320°  | 325°  |       |
|-------|-------|-------|-------|-------|--------|--------|--------|-------|-------|-------|-------|-------|
| 0°    | 158.4 | 158.4 | 158.4 | 158.4 | 158.4  | 158.4  | 158.4  | 158.4 | 158.4 | 158.4 | 158.4 | 0°    |
| 2.5°  | 160.4 | 160.4 | 160.1 | 160.1 | 160.9  | 160.6  | 161.1  | 161.1 | 160.9 | 160.9 | 161.6 | 2.5°  |
| 5°    | 164.5 | 165.3 | 164.8 | 165.5 | 166.0  | 166.3  | 166.7  | 166.3 | 167.2 | 166.0 | 166.3 | 5°    |
| 7.5°  | 169.9 | 170.4 | 170.9 | 171.9 | 173.1  | 173.3  | 174.1  | 173.8 | 174.5 | 173.8 | 172.8 | 7.5°  |
| 10°   | 175.5 | 177.2 | 178.9 | 179.7 | 182.1  | 182.6  | 182.6  | 183.8 | 185.0 | 183.6 | 181.9 | 10°   |
| 12.5° | 182.1 | 185.3 | 188.7 | 190.4 | 192.6  | 194.3  | 193.6  | 196.0 | 197.2 | 196.3 | 195.0 | 12.5° |
| 15°   | 193.6 | 198.5 | 202.4 | 205.1 | 207.0  | 210.4  | 209.9  | 214.6 | 216.3 | 215.6 | 215.8 | 15°   |
| 17.5° | 208.7 | 215.3 | 221.9 | 226.5 | 228.5  | 233.4  | 234.1  | 241.4 | 246.1 | 245.3 | 244.1 | 17.5° |
| 20°   | 228.0 | 237.5 | 246.8 | 252.7 | 253.4  | 266.1  | 269.0  | 275.4 | 280.5 | 282.5 | 282.2 | 20°   |
| 22.5° | 252.4 | 263.6 | 273.9 | 285.1 | 295.6  | 304.9  | 311.5  | 323.0 | 327.6 | 332.0 | 330.8 | 22.5° |
| 25°   | 286.1 | 301.7 | 319.8 | 329.6 | 343.7  | 352.3  | 366.9  | 381.6 | 386.2 | 390.3 | 395.7 | 25°   |
| 27.5° | 334.2 | 355.4 | 368.1 | 389.8 | 405.2  | 417.7  | 440.9  | 460.6 | 471.9 | 468.5 | 466.7 | 27.5° |
| 30°   | 380.1 | 406.2 | 436.9 | 467.0 | 488.5  | 519.7  | 536.8  | 552.9 | 560.2 | 549.5 | 535.8 | 30°   |
| 32.5° | 418.9 | 457.2 | 502.4 | 548.0 | 588.1  | 624.7  | 635.4  | 643.3 | 629.3 | 614.7 | 574.6 | 32.5° |
| 35°   | 459.7 | 508.2 | 560.5 | 619.1 | 661.1  | 697.0  | 719.2  | 727.5 | 697.7 | 654.2 | 600.0 | 35°   |
| 37.5° | 508.5 | 558.8 | 615.2 | 679.4 | 727.0  | 763.3  | 773.1  | 776.8 | 736.8 | 680.6 | 627.9 | 37.5° |
| 40°   | 552.9 | 610.3 | 679.4 | 738.7 | 797.0  | 827.5  | 833.2  | 831.2 | 778.0 | 711.6 | 662.3 | 40°   |
| 42.5° | 602.0 | 663.0 | 740.9 | 809.5 | 860.8  | 892.0  | 886.9  | 878.3 | 817.8 | 750.6 | 696.2 | 42.5° |
| 45°   | 649.6 | 713.3 | 798.5 | 873.7 | 921.3  | 944.2  | 935.0  | 913.7 | 855.4 | 780.7 | 722.8 | 45°   |
| 47.5° | 691.3 | 755.3 | 846.1 | 924.5 | 961.8  | 981.1  | 971.1  | 944.2 | 881.2 | 801.0 | 737.5 | 47.5° |
| 50°   | 724.8 | 796.1 | 884.7 | 959.9 | 992.6  | 1007.2 | 1001.4 | 962.5 | 896.4 | 813.4 | 744.1 | 50°   |
| 52.5° | 750.9 | 826.3 | 914.0 | 984.3 | 1007.9 | 1022.3 | 1018.9 | 966.0 | 898.3 | 815.3 | 740.9 | 52.5° |
| 55°   | 764.6 | 840.7 | 923.0 | 994.5 | 1013.6 | 1029.9 | 1018.0 | 953.3 | 885.4 | 808.0 | 729.9 | 55°   |
| 57.5° | 766.5 | 839.7 | 915.4 | 985.2 | 1008.9 | 1016.5 | 998.9  | 929.1 | 859.0 | 785.3 | 714.3 | 57.5° |
| 60°   | 748.0 | 812.9 | 885.2 | 958.1 | 991.8  | 986.5  | 962.3  | 887.1 | 821.7 | 753.8 | 697.0 | 60°   |
| 62.5° | 706.5 | 757.2 | 825.9 | 898.1 | 944.0  | 930.1  | 910.5  | 838.5 | 771.9 | 704.0 | 670.1 | 62.5° |
| 65°   | 653.3 | 686.4 | 732.1 | 802.9 | 845.4  | 841.5  | 832.4  | 779.0 | 712.8 | 648.1 | 626.4 | 65°   |
| 67.5° | 601.0 | 623.0 | 646.9 | 699.1 | 718.9  | 715.0  | 716.2  | 680.1 | 632.2 | 569.3 | 569.8 | 67.5° |
| 70°   | 520.7 | 539.0 | 562.9 | 595.4 | 616.4  | 594.9  | 569.5  | 530.7 | 502.9 | 494.3 | 521.9 | 70°   |
| 72.5° | 405.0 | 429.1 | 446.2 | 477.7 | 496.0  | 484.3  | 463.6  | 429.6 | 398.2 | 409.1 | 470.9 | 72.5° |
| 75°   | 304.4 | 318.3 | 343.0 | 372.0 | 383.5  | 376.4  | 391.6  | 395.5 | 383.3 | 375.9 | 396.9 | 75°   |
| 77.5° | 214.1 | 228.3 | 256.3 | 289.5 | 314.2  | 329.6  | 353.7  | 384.5 | 387.4 | 376.7 | 336.9 | 77.5° |
| 80°   | 143.8 | 153.6 | 170.9 | 199.4 | 239.2  | 279.3  | 312.7  | 354.2 | 349.8 | 326.6 | 283.2 | 80°   |
| 82.5° | 88.1  | 99.4  | 114.0 | 138.7 | 167.4  | 206.3  | 237.8  | 272.7 | 271.4 | 250.2 | 228.7 | 82.5° |
| 85°   | 59.1  | 76.7  | 95.4  | 114.0 | 128.1  | 140.4  | 152.3  | 188.9 | 203.1 | 186.7 | 163.3 | 85°   |
| 87.5° | 24.9  | 42.0  | 53.2  | 55.9  | 60.5   | 61.0   | 73.5   | 90.6  | 97.2  | 110.8 | 109.4 | 87.5° |
| 90°   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0    | 0.0    | 0.0    | 0.0   | 0.0   | 0.0   | 0.0   | 90°   |



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**DISTRIBUTION (continued):**

| 330°  | 335°  | 340°  | 345°  | 350°  | 355°  | 360°  |
|-------|-------|-------|-------|-------|-------|-------|
| 158.4 | 158.4 | 158.4 | 158.4 | 158.4 | 158.4 | 158.4 |
| 161.8 | 161.6 | 161.6 | 161.6 | 161.8 | 161.6 | 161.8 |
| 166.7 | 166.3 | 166.0 | 166.0 | 165.8 | 165.8 | 165.8 |
| 173.1 | 172.1 | 172.1 | 171.4 | 171.1 | 170.4 | 170.4 |
| 181.6 | 180.7 | 180.4 | 178.5 | 178.5 | 176.7 | 177.5 |
| 194.1 | 194.1 | 194.1 | 191.6 | 191.1 | 188.2 | 187.7 |
| 215.6 | 213.6 | 215.3 | 211.2 | 210.9 | 207.0 | 206.0 |
| 244.6 | 244.6 | 241.2 | 239.2 | 238.0 | 232.4 | 229.7 |
| 283.2 | 283.4 | 277.6 | 272.2 | 269.8 | 263.4 | 258.8 |
| 332.2 | 327.6 | 320.3 | 316.4 | 312.5 | 302.0 | 291.5 |
| 396.7 | 394.7 | 381.8 | 367.6 | 361.8 | 345.9 | 328.8 |
| 459.9 | 455.8 | 435.0 | 410.9 | 396.0 | 374.2 | 351.8 |
| 515.6 | 488.2 | 463.6 | 434.5 | 411.8 | 384.7 | 356.7 |
| 544.6 | 510.2 | 474.3 | 450.4 | 421.8 | 391.8 | 360.1 |
| 567.1 | 530.2 | 494.6 | 463.6 | 431.3 | 397.4 | 361.1 |
| 595.6 | 556.8 | 517.5 | 480.7 | 441.4 | 401.6 | 359.6 |
| 627.4 | 582.9 | 534.4 | 489.7 | 445.5 | 400.1 | 353.7 |
| 653.7 | 600.0 | 542.9 | 492.6 | 444.0 | 394.0 | 346.2 |
| 668.4 | 607.1 | 543.6 | 489.5 | 438.2 | 386.4 | 336.6 |
| 675.2 | 607.3 | 538.8 | 482.4 | 430.4 | 375.7 | 324.9 |
| 674.5 | 601.3 | 529.5 | 472.9 | 421.6 | 364.5 | 313.9 |
| 667.2 | 591.3 | 518.7 | 465.3 | 414.0 | 354.9 | 305.4 |
| 655.9 | 580.5 | 508.0 | 460.2 | 407.7 | 347.1 | 300.0 |
| 643.3 | 571.2 | 500.2 | 459.2 | 404.0 | 345.7 | 300.7 |
| 637.6 | 572.2 | 505.1 | 452.3 | 402.0 | 348.9 | 308.3 |
| 634.0 | 581.5 | 515.1 | 457.0 | 405.2 | 362.3 | 327.4 |
| 619.1 | 594.4 | 530.5 | 473.6 | 428.2 | 393.8 | 363.5 |
| 601.3 | 598.1 | 536.6 | 483.3 | 454.3 | 434.8 | 398.9 |
| 582.7 | 594.2 | 545.3 | 509.0 | 492.9 | 485.1 | 433.1 |
| 552.9 | 566.1 | 520.7 | 499.0 | 494.1 | 488.5 | 410.6 |
| 461.1 | 463.6 | 428.9 | 416.9 | 425.5 | 412.3 | 313.4 |
| 331.5 | 337.8 | 315.4 | 318.6 | 346.4 | 317.8 | 225.6 |
| 245.6 | 220.7 | 206.5 | 216.0 | 242.7 | 201.9 | 130.8 |
| 202.4 | 163.8 | 138.9 | 151.8 | 162.1 | 119.1 | 81.8  |
| 155.7 | 125.0 | 102.8 | 83.0  | 79.1  | 51.0  | 35.4  |
| 122.3 | 90.3  | 50.3  | 28.3  | 19.0  | 1.2   | 1.2   |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |

(END OF REPORT)