

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: P181132

Luminaire Tested: **ICS-F02-LED-E1-SLR-7030**

Issue Date: 03/03/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P181132  
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (P33681)  
Test Lab: INNOVATION CENTER-P3  
Issue Date: 03/03/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: INVUE  
Catalog Number: ICS-F02-LED-E1-SLR-7030  
Description: ICON SITE SMALL LED LUMINAIRE  
(2) 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: 3776.5 lumens  
Efficiency: N/A  
Efficacy: 68.7 lumens/watt  
Luminous Opening: Rectangular w/ Sides (W: 0.33' x L: 1' x H: 0.1')  
IES Classification: Type IV - Short - Non-Cutoff  
BUG Rating: B1 - U0 - G2

Input Watts (W): 55  
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



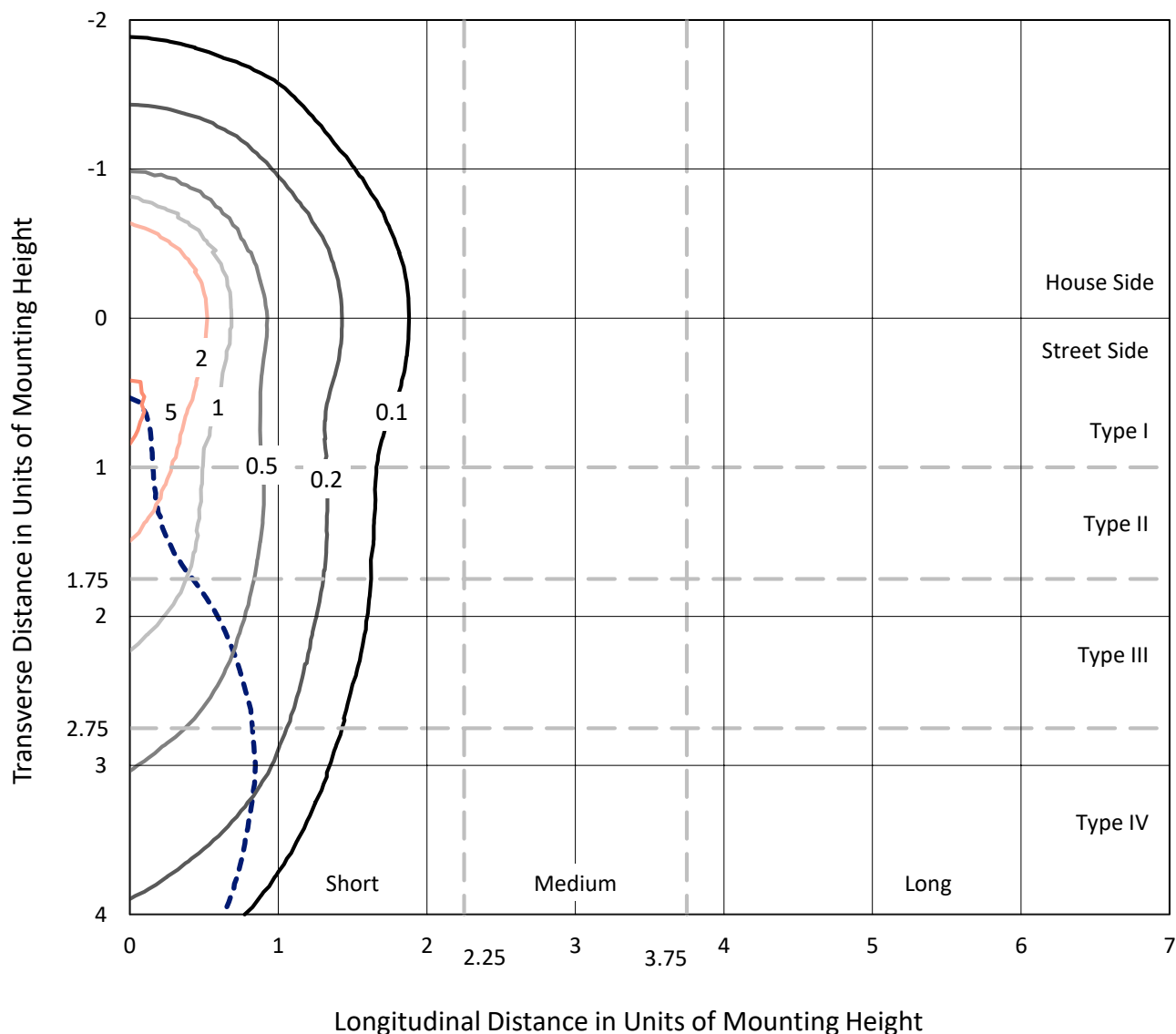
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## Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd



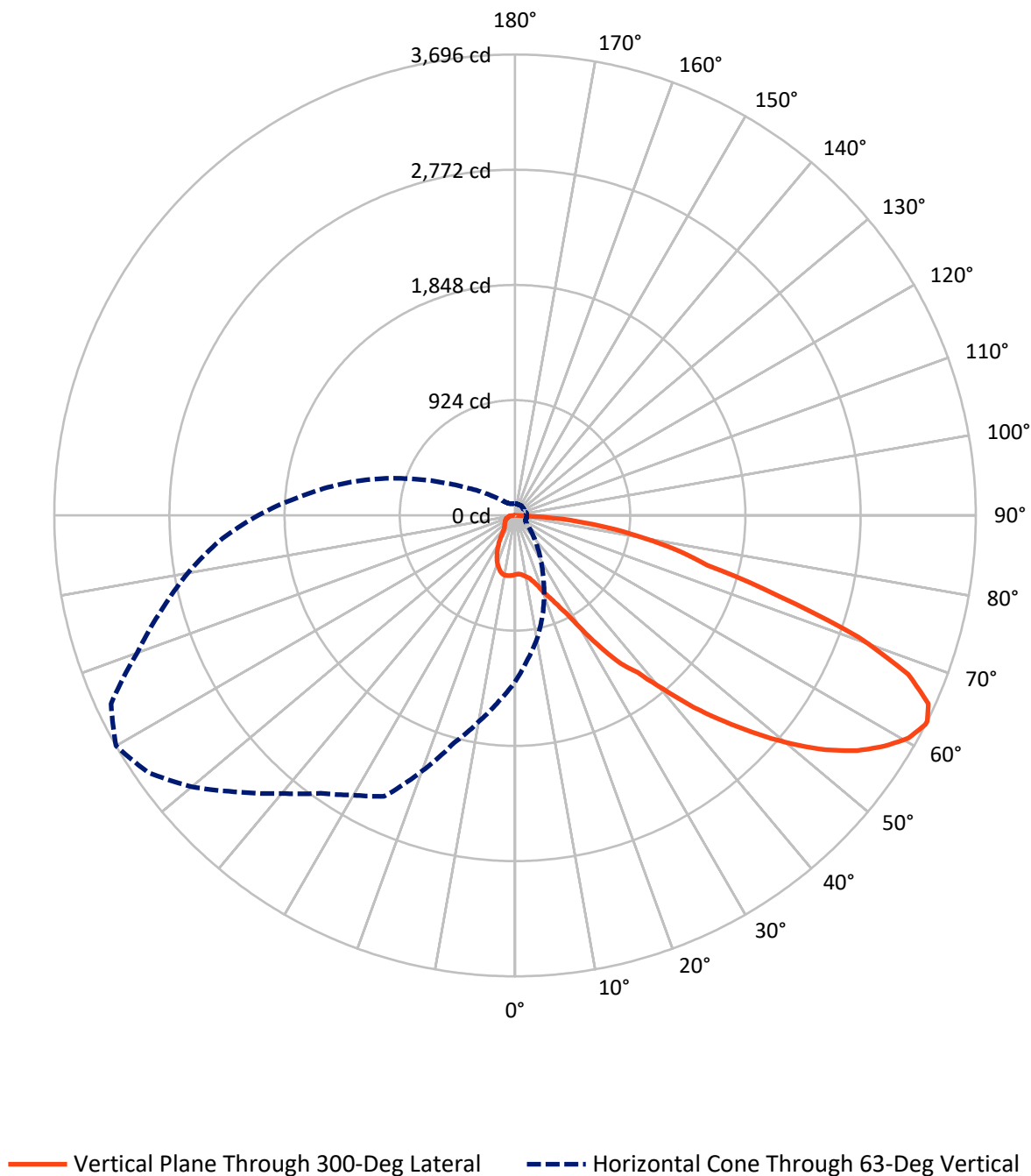
Based on 10 foot mounting height. Maximum calculated value = 5.9 fc

Type IV - Short - Non-Cutoff

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## Luminous Intensity Polar Plot



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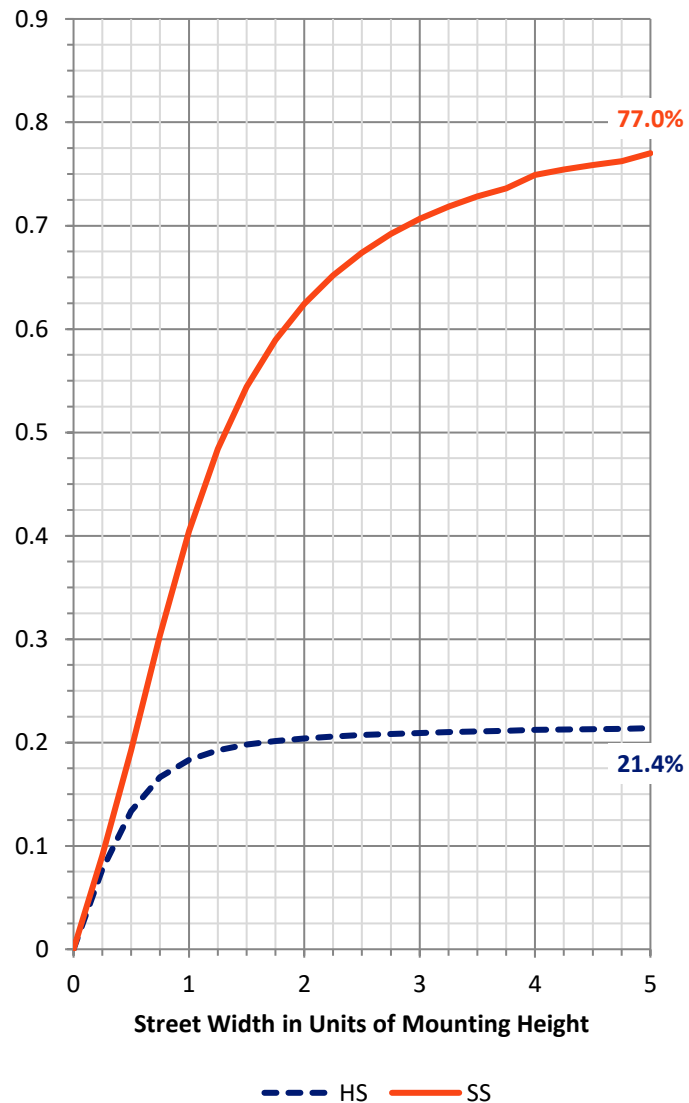
**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total  |
|--------------------|-----------|----------|--------|--------|
| <b>House Side</b>  | Lumens    | 818.9    | 0.0    | 818.9  |
|                    | % Fixture | 21.7     | 0.0    | 21.7   |
| <b>Street Side</b> | Lumens    | 2957.6   | 0.0    | 2957.6 |
|                    | % Fixture | 78.3     | 0.0    | 78.3   |
| <b>Total</b>       | Lumens    | 3776.5   | 0.0    | 3776.5 |
|                    | % Fixture | 100.0    | 0.0    | 100.0  |

**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 46.2   | 1.2       |
| 10°-20°   | 143.9  | 3.8       |
| 20°-30°   | 255.6  | 6.8       |
| 30°-40°   | 402.5  | 10.7      |
| 40°-50°   | 592.4  | 15.7      |
| 50°-60°   | 786.9  | 20.8      |
| 60°-70°   | 866.7  | 23.0      |
| 70°-80°   | 543.8  | 14.4      |
| 80°-90°   | 138.5  | 3.7       |
| 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°    | 3776.5 | 100.0     |
| 0°-180°   | 3776.5 | 100.0     |

**Coefficient of Utilization**



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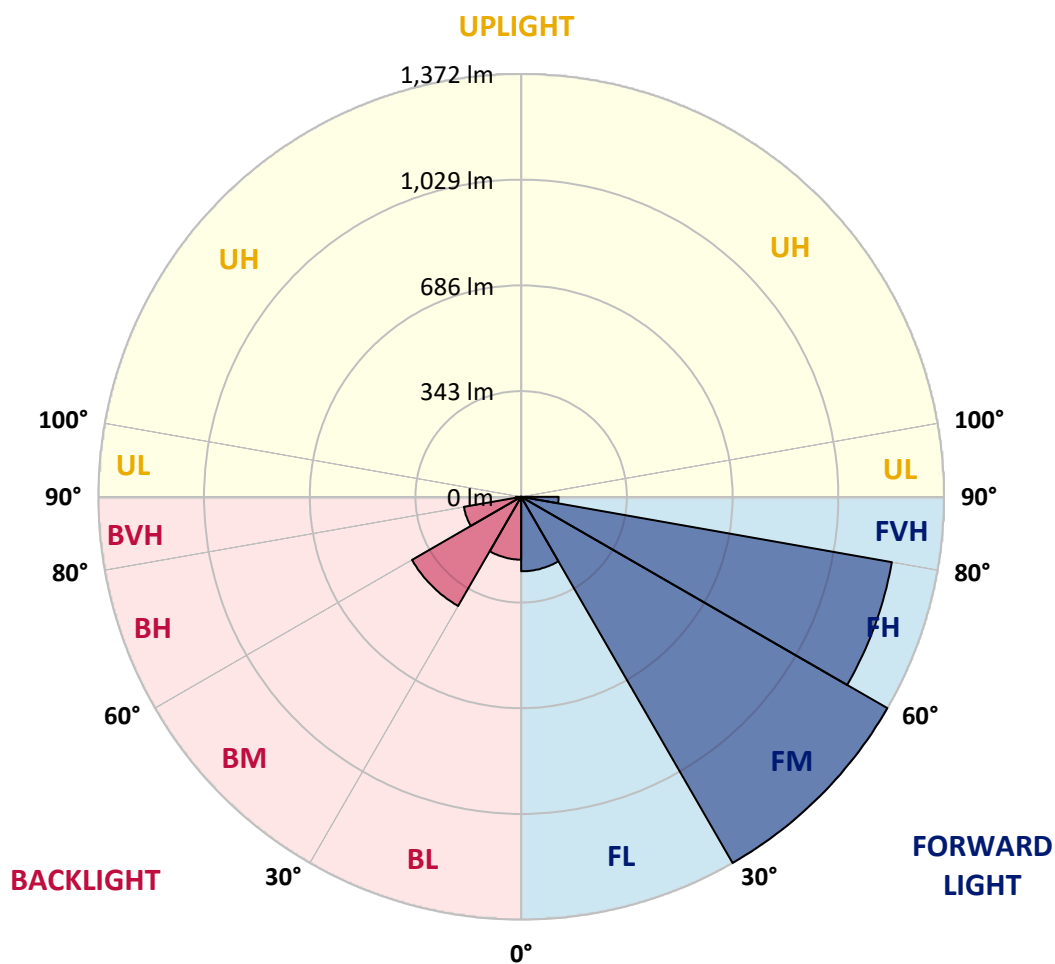
CATALOG NUMBER: ICS-F02-LED-E1-SLR-7030

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

| Zone |             | Lumens | % Fixture | Zone Rating/Lumen Limit |      |         |
|------|-------------|--------|-----------|-------------------------|------|---------|
|      |             |        |           | B                       | U    | G       |
| FL   | (0°-30°)    | 241.8  | 6.4       |                         |      |         |
| FM   | (30°-60°)   | 1372.5 | 36.3      |                         |      |         |
| FH   | (60°-80°)   | 1221.8 | 32.4      |                         |      | G1/1800 |
| FVH  | (80°-90°)   | 121.5  | 3.2       |                         |      | G2/225  |
| BL   | (0°-30°)    | 203.9  | 5.4       | B1/500                  |      |         |
| BM   | (30°-60°)   | 409.3  | 10.8      | B1/1000                 |      |         |
| BH   | (60°-80°)   | 188.8  | 5.0       | B1/500                  |      | G1/500  |
| BVH  | (80°-90°)   | 17.0   | 0.4       |                         |      | G1/100  |
| UL   | (90°-100°)  | 0.0    | 0.0       |                         | U0/0 |         |
| UH   | (100°-180°) | 0.0    | 0.0       |                         | U0/0 |         |

**BUG Rating: B1-U0-G2**

Type IV Short



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**CANDELA DISTRIBUTION (FULL):**

|       | 0°     | 5°     | 10°    | 15°   | 20°   | 25°   | 30°   | 35°   | 40°   | 45°   | 50°   |
|-------|--------|--------|--------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°    | 474.6  | 474.6  | 474.6  | 474.6 | 474.6 | 474.6 | 474.6 | 474.6 | 474.6 | 474.6 | 474.6 |
| 2.5°  | 468.3  | 469.6  | 469.2  | 469.2 | 470.1 | 469.6 | 469.6 | 470.1 | 470.1 | 471.4 | 473.2 |
| 5°    | 464.6  | 464.2  | 463.3  | 464.2 | 464.2 | 464.2 | 462.4 | 463.7 | 464.2 | 465.1 | 465.1 |
| 7.5°  | 469.2  | 467.8  | 466.0  | 466.4 | 466.4 | 465.5 | 464.2 | 464.6 | 464.2 | 464.2 | 463.7 |
| 10°   | 475.0  | 471.9  | 469.6  | 469.6 | 469.6 | 468.7 | 466.4 | 467.8 | 467.8 | 467.4 | 467.8 |
| 12.5° | 485.4  | 481.8  | 479.1  | 478.2 | 478.2 | 476.9 | 475.0 | 476.9 | 475.9 | 475.9 | 475.0 |
| 15°   | 502.6  | 498.6  | 495.4  | 492.7 | 493.1 | 493.1 | 490.9 | 489.5 | 487.7 | 485.4 | 480.9 |
| 17.5° | 528.4  | 523.9  | 519.8  | 517.6 | 518.0 | 514.9 | 508.5 | 502.2 | 493.6 | 485.0 | 475.5 |
| 20°   | 565.1  | 563.7  | 558.3  | 556.0 | 550.6 | 542.9 | 525.3 | 510.3 | 493.6 | 477.3 | 461.0 |
| 22.5° | 628.4  | 622.1  | 616.6  | 608.1 | 590.0 | 568.7 | 539.3 | 513.0 | 486.8 | 463.7 | 442.0 |
| 25°   | 713.5  | 702.2  | 675.5  | 649.2 | 612.1 | 574.1 | 534.3 | 500.4 | 467.8 | 437.5 | 410.8 |
| 27.5° | 797.2  | 762.8  | 715.3  | 667.8 | 613.5 | 563.7 | 513.9 | 473.7 | 435.7 | 402.7 | 373.2 |
| 30°   | 898.5  | 840.6  | 767.8  | 692.7 | 615.7 | 548.8 | 489.1 | 442.0 | 398.1 | 363.3 | 332.5 |
| 32.5° | 993.5  | 909.8  | 814.4  | 715.7 | 620.7 | 534.8 | 460.6 | 407.2 | 361.9 | 318.1 | 287.7 |
| 35°   | 1058.7 | 950.1  | 834.3  | 718.0 | 608.5 | 508.1 | 424.8 | 361.9 | 316.7 | 276.0 | 240.2 |
| 37.5° | 1097.6 | 967.7  | 835.2  | 701.7 | 580.0 | 471.9 | 379.6 | 317.1 | 275.5 | 236.6 | 208.6 |
| 40°   | 1122.0 | 971.8  | 823.4  | 678.2 | 543.8 | 426.2 | 334.3 | 278.2 | 240.2 | 209.0 | 187.3 |
| 42.5° | 1133.8 | 965.5  | 804.4  | 648.3 | 507.2 | 385.5 | 302.7 | 249.7 | 216.7 | 194.5 | 178.3 |
| 45°   | 1135.6 | 954.2  | 784.0  | 621.2 | 474.6 | 356.1 | 281.0 | 238.0 | 210.8 | 192.3 | 176.0 |
| 47.5° | 1135.6 | 944.2  | 767.8  | 601.3 | 453.3 | 343.4 | 279.1 | 242.9 | 216.3 | 195.4 | 176.0 |
| 50°   | 1136.5 | 941.0  | 761.0  | 591.3 | 446.1 | 350.2 | 294.5 | 258.3 | 228.0 | 200.9 | 175.5 |
| 52.5° | 1140.6 | 945.1  | 766.4  | 599.0 | 459.2 | 377.3 | 323.5 | 281.4 | 243.4 | 207.2 | 175.5 |
| 55°   | 1149.6 | 958.7  | 789.5  | 625.7 | 494.5 | 418.5 | 358.3 | 306.3 | 255.6 | 209.9 | 172.8 |
| 57.5° | 1174.9 | 993.1  | 831.5  | 677.3 | 554.7 | 466.0 | 390.0 | 323.9 | 260.1 | 207.7 | 167.4 |
| 60°   | 1225.6 | 1061.4 | 903.5  | 749.7 | 618.5 | 506.7 | 408.5 | 326.6 | 256.1 | 200.4 | 158.8 |
| 62.5° | 1306.6 | 1139.6 | 990.8  | 828.4 | 675.0 | 529.3 | 410.8 | 319.9 | 245.2 | 187.3 | 146.1 |
| 63°   | 1334.6 | 1159.1 | 1009.4 | 843.3 | 682.3 | 531.1 | 409.0 | 317.1 | 242.5 | 183.7 | 144.3 |
| 65°   | 1412.9 | 1241.0 | 1073.6 | 895.8 | 702.6 | 531.6 | 399.0 | 303.6 | 229.8 | 169.7 | 131.7 |
| 67.5° | 1559.0 | 1348.7 | 1154.6 | 937.0 | 709.8 | 517.1 | 373.7 | 278.2 | 203.1 | 147.9 | 115.8 |
| 70°   | 1651.3 | 1408.8 | 1185.8 | 937.9 | 688.6 | 475.9 | 329.8 | 237.1 | 169.2 | 122.6 | 99.5  |
| 72.5° | 1627.4 | 1349.6 | 1103.5 | 853.3 | 596.7 | 397.7 | 265.1 | 186.4 | 132.1 | 98.2  | 82.8  |
| 75°   | 1393.9 | 1123.4 | 900.3  | 661.0 | 451.1 | 292.3 | 194.1 | 133.0 | 97.7  | 76.9  | 69.2  |
| 77.5° | 1003.5 | 808.5  | 645.6  | 471.0 | 304.0 | 189.1 | 128.9 | 95.0  | 74.2  | 63.3  | 57.0  |
| 80°   | 639.3  | 474.1  | 395.0  | 283.2 | 177.8 | 117.2 | 88.7  | 71.9  | 61.1  | 52.9  | 48.9  |
| 82.5° | 333.9  | 233.9  | 190.0  | 144.8 | 98.6  | 77.4  | 65.1  | 58.8  | 50.2  | 43.9  | 41.6  |
| 85°   | 208.1  | 138.0  | 102.2  | 71.5  | 49.3  | 44.3  | 40.7  | 39.8  | 35.7  | 31.7  | 30.3  |
| 87.5° | 23.5   | 21.3   | 22.2   | 14.0  | 10.4  | 11.3  | 10.9  | 14.5  | 14.0  | 10.4  | 10.9  |
| 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):**

|       | 55°   | 60°   | 65°   | 70°   | 75°   | 80°   | 85°   | 90°   | 95°   | 100°  | 105°  |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°    | 474.6 | 474.6 | 474.6 | 474.6 | 474.6 | 474.6 | 474.6 | 474.6 | 474.6 | 474.6 | 474.6 |
| 2.5°  | 471.4 | 472.3 | 472.3 | 473.7 | 473.7 | 474.6 | 475.5 | 475.5 | 476.4 | 476.9 | 477.8 |
| 5°    | 466.0 | 466.0 | 466.0 | 467.8 | 468.3 | 471.0 | 471.9 | 472.8 | 473.7 | 476.9 | 478.7 |
| 7.5°  | 464.6 | 462.8 | 463.7 | 463.7 | 465.1 | 467.4 | 469.6 | 471.0 | 472.3 | 476.4 | 479.1 |
| 10°   | 467.4 | 466.0 | 464.6 | 464.6 | 465.1 | 466.0 | 467.8 | 469.2 | 470.1 | 474.1 | 476.4 |
| 12.5° | 474.6 | 471.4 | 468.7 | 466.4 | 464.6 | 464.2 | 463.3 | 463.7 | 464.6 | 466.9 | 470.1 |
| 15°   | 475.9 | 470.1 | 464.2 | 458.3 | 453.8 | 451.1 | 448.8 | 447.9 | 447.9 | 449.3 | 452.9 |
| 17.5° | 466.9 | 456.9 | 448.3 | 440.7 | 435.7 | 430.7 | 428.4 | 426.6 | 425.7 | 427.5 | 428.0 |
| 20°   | 447.4 | 435.7 | 423.9 | 414.9 | 405.8 | 404.5 | 400.8 | 401.7 | 402.7 | 405.4 | 406.7 |
| 22.5° | 420.8 | 406.7 | 392.2 | 382.7 | 375.5 | 369.2 | 365.1 | 366.9 | 368.3 | 371.0 | 372.3 |
| 25°   | 388.2 | 367.8 | 352.4 | 342.9 | 335.2 | 329.8 | 325.3 | 327.1 | 325.3 | 328.5 | 333.4 |
| 27.5° | 349.7 | 325.7 | 309.5 | 298.6 | 293.2 | 288.6 | 284.1 | 284.1 | 288.6 | 288.6 | 292.7 |
| 30°   | 303.1 | 285.5 | 264.2 | 252.9 | 246.1 | 243.4 | 242.9 | 242.0 | 245.2 | 247.0 | 251.5 |
| 32.5° | 259.2 | 237.5 | 217.2 | 206.3 | 200.4 | 197.3 | 197.7 | 198.2 | 199.5 | 202.2 | 209.5 |
| 35°   | 214.9 | 195.9 | 181.4 | 169.2 | 163.3 | 157.4 | 157.4 | 156.5 | 157.9 | 161.1 | 169.7 |
| 37.5° | 186.4 | 169.7 | 158.3 | 148.8 | 143.0 | 139.3 | 136.2 | 134.8 | 134.8 | 136.2 | 139.3 |
| 40°   | 170.6 | 158.3 | 147.9 | 139.8 | 134.4 | 131.2 | 129.4 | 128.0 | 127.1 | 127.1 | 127.6 |
| 42.5° | 163.3 | 150.7 | 140.3 | 133.0 | 128.9 | 127.1 | 126.7 | 126.2 | 124.9 | 124.4 | 124.0 |
| 45°   | 159.7 | 145.2 | 133.5 | 127.6 | 124.4 | 123.5 | 124.0 | 124.0 | 123.5 | 122.6 | 120.8 |
| 47.5° | 157.0 | 140.3 | 128.5 | 123.1 | 121.7 | 121.7 | 121.7 | 121.7 | 121.2 | 120.8 | 119.4 |
| 50°   | 152.5 | 132.6 | 119.9 | 115.8 | 114.9 | 114.9 | 115.4 | 115.4 | 116.3 | 115.4 | 114.5 |
| 52.5° | 147.5 | 125.3 | 112.7 | 109.0 | 108.6 | 108.1 | 108.1 | 108.1 | 108.6 | 108.6 | 108.1 |
| 55°   | 142.1 | 119.9 | 109.0 | 106.3 | 106.8 | 106.3 | 105.9 | 105.4 | 105.4 | 105.0 | 104.1 |
| 57.5° | 136.6 | 115.4 | 106.3 | 104.5 | 105.0 | 105.0 | 104.1 | 103.2 | 102.7 | 101.3 | 100.4 |
| 60°   | 128.5 | 109.0 | 100.9 | 100.0 | 101.3 | 101.3 | 101.3 | 100.9 | 100.9 | 100.4 | 98.2  |
| 62.5° | 117.6 | 100.0 | 93.7  | 94.1  | 94.6  | 95.5  | 95.5  | 95.5  | 95.5  | 94.6  | 92.3  |
| 63°   | 115.4 | 98.2  | 92.3  | 92.3  | 93.7  | 93.7  | 94.1  | 93.7  | 94.1  | 93.2  | 90.5  |
| 65°   | 106.3 | 92.3  | 87.8  | 88.2  | 89.1  | 89.1  | 89.1  | 88.7  | 88.7  | 87.3  | 86.0  |
| 67.5° | 95.9  | 85.1  | 82.3  | 82.8  | 83.2  | 84.2  | 83.7  | 83.7  | 84.2  | 83.2  | 81.9  |
| 70°   | 84.2  | 77.4  | 75.6  | 76.0  | 76.5  | 76.5  | 76.0  | 76.0  | 76.5  | 75.6  | 74.2  |
| 72.5° | 75.1  | 72.4  | 71.0  | 71.0  | 70.1  | 70.1  | 69.2  | 68.8  | 68.3  | 68.3  | 67.0  |
| 75°   | 63.3  | 62.9  | 63.3  | 64.2  | 63.3  | 62.4  | 62.0  | 60.6  | 59.7  | 59.7  | 59.3  |
| 77.5° | 54.3  | 54.3  | 55.2  | 56.6  | 57.0  | 57.0  | 55.6  | 53.4  | 52.9  | 52.9  | 52.9  |
| 80°   | 47.1  | 46.1  | 46.1  | 47.5  | 48.9  | 48.4  | 46.1  | 43.9  | 43.9  | 46.1  | 46.6  |
| 82.5° | 41.2  | 41.2  | 39.8  | 40.3  | 39.8  | 39.4  | 37.1  | 35.7  | 35.3  | 37.1  | 38.9  |
| 85°   | 32.6  | 33.0  | 32.6  | 32.1  | 31.7  | 30.3  | 28.5  | 27.1  | 26.7  | 28.5  | 31.2  |
| 87.5° | 13.1  | 12.7  | 12.2  | 12.7  | 12.2  | 13.1  | 12.7  | 11.8  | 11.3  | 12.7  | 15.4  |
| 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°    | 474.6 | 474.6 | 474.6 | 474.6 | 474.6 | 474.6 | 474.6 | 474.6 | 474.6 | 474.6 | 474.6 |
| 2.5°  | 478.2 | 479.1 | 480.0 | 480.0 | 480.9 | 480.5 | 480.9 | 481.4 | 481.4 | 481.8 | 481.8 |
| 5°    | 480.9 | 482.3 | 484.1 | 485.9 | 486.4 | 487.7 | 489.1 | 488.2 | 489.5 | 491.3 | 491.3 |
| 7.5°  | 481.8 | 485.0 | 486.4 | 489.1 | 489.5 | 491.3 | 494.5 | 492.2 | 494.9 | 496.3 | 496.8 |
| 10°   | 480.5 | 483.6 | 485.9 | 489.1 | 490.4 | 493.6 | 496.8 | 495.9 | 499.0 | 501.3 | 501.7 |
| 12.5° | 472.3 | 475.5 | 480.5 | 485.0 | 488.6 | 493.6 | 499.5 | 497.7 | 502.2 | 504.9 | 506.3 |
| 15°   | 456.5 | 459.7 | 465.1 | 472.3 | 479.1 | 486.8 | 494.5 | 495.9 | 500.4 | 503.5 | 504.9 |
| 17.5° | 431.6 | 435.7 | 441.6 | 449.3 | 457.8 | 471.0 | 480.9 | 485.9 | 492.2 | 494.0 | 496.3 |
| 20°   | 408.5 | 412.6 | 416.2 | 420.8 | 427.1 | 439.8 | 452.9 | 462.8 | 471.0 | 477.8 | 479.6 |
| 22.5° | 377.8 | 381.4 | 385.9 | 389.5 | 394.1 | 403.1 | 414.0 | 425.3 | 437.9 | 442.0 | 446.5 |
| 25°   | 340.7 | 342.9 | 349.3 | 351.5 | 354.7 | 362.4 | 371.0 | 379.1 | 391.3 | 399.9 | 402.2 |
| 27.5° | 300.9 | 303.1 | 309.0 | 310.4 | 314.4 | 321.7 | 328.0 | 331.2 | 342.5 | 351.5 | 358.8 |
| 30°   | 254.7 | 260.6 | 267.8 | 268.7 | 273.3 | 277.8 | 283.7 | 286.8 | 297.2 | 306.7 | 315.8 |
| 32.5° | 214.9 | 220.8 | 226.7 | 230.3 | 232.5 | 236.2 | 242.0 | 245.2 | 255.2 | 263.8 | 272.8 |
| 35°   | 174.2 | 181.4 | 187.8 | 192.7 | 194.5 | 199.1 | 203.6 | 206.8 | 217.2 | 224.9 | 231.2 |
| 37.5° | 143.4 | 148.8 | 155.6 | 160.6 | 165.6 | 168.8 | 174.2 | 178.7 | 185.0 | 189.1 | 195.9 |
| 40°   | 128.5 | 131.2 | 134.8 | 138.9 | 143.0 | 146.6 | 150.7 | 154.3 | 158.3 | 163.8 | 168.3 |
| 42.5° | 123.5 | 124.0 | 124.0 | 125.3 | 127.6 | 129.4 | 133.0 | 135.7 | 138.4 | 142.5 | 144.8 |
| 45°   | 119.9 | 119.4 | 118.5 | 117.6 | 118.1 | 119.0 | 121.2 | 123.1 | 126.2 | 128.0 | 128.5 |
| 47.5° | 118.1 | 116.3 | 114.5 | 113.1 | 112.7 | 113.1 | 114.9 | 116.7 | 118.5 | 119.9 | 120.3 |
| 50°   | 112.2 | 110.8 | 108.1 | 106.3 | 105.4 | 106.3 | 108.6 | 109.5 | 111.3 | 112.7 | 113.1 |
| 52.5° | 106.3 | 104.5 | 102.7 | 100.9 | 100.9 | 101.3 | 103.2 | 105.0 | 106.8 | 107.2 | 108.1 |
| 55°   | 102.7 | 100.0 | 98.2  | 96.8  | 95.9  | 97.3  | 98.6  | 100.9 | 103.2 | 103.6 | 104.5 |
| 57.5° | 99.1  | 96.4  | 94.6  | 93.2  | 92.3  | 93.7  | 95.0  | 98.2  | 100.9 | 100.9 | 100.9 |
| 60°   | 96.8  | 94.6  | 91.8  | 90.5  | 89.1  | 90.5  | 92.3  | 95.5  | 98.2  | 97.7  | 97.3  |
| 62.5° | 90.5  | 88.2  | 86.9  | 86.9  | 85.5  | 87.8  | 89.6  | 93.2  | 93.7  | 92.7  | 91.8  |
| 63°   | 88.7  | 86.9  | 86.0  | 86.0  | 85.1  | 87.3  | 89.1  | 92.3  | 92.3  | 91.4  | 90.5  |
| 65°   | 84.2  | 82.8  | 81.9  | 82.8  | 82.8  | 85.1  | 85.5  | 87.8  | 87.3  | 86.0  | 85.5  |
| 67.5° | 80.5  | 79.6  | 78.7  | 78.7  | 78.7  | 79.2  | 79.6  | 80.5  | 80.1  | 79.6  | 80.1  |
| 70°   | 74.6  | 74.2  | 73.3  | 73.3  | 72.8  | 72.8  | 72.8  | 73.3  | 73.3  | 73.7  | 74.2  |
| 72.5° | 67.4  | 66.5  | 66.5  | 67.0  | 66.1  | 66.5  | 67.0  | 66.5  | 67.4  | 67.4  | 67.9  |
| 75°   | 59.3  | 58.8  | 59.7  | 60.6  | 60.2  | 60.2  | 60.6  | 60.6  | 61.1  | 61.1  | 61.5  |
| 77.5° | 52.9  | 53.4  | 53.8  | 54.7  | 55.2  | 55.2  | 55.2  | 54.7  | 55.2  | 55.2  | 55.6  |
| 80°   | 47.1  | 48.0  | 48.9  | 49.8  | 50.2  | 50.2  | 50.2  | 49.8  | 49.8  | 49.8  | 49.8  |
| 82.5° | 42.5  | 43.9  | 44.8  | 45.2  | 45.2  | 45.2  | 45.2  | 45.2  | 45.2  | 44.3  | 43.4  |
| 85°   | 35.7  | 38.5  | 38.5  | 38.9  | 37.6  | 36.6  | 35.7  | 36.2  | 36.6  | 34.8  | 34.4  |
| 87.5° | 18.1  | 18.1  | 19.0  | 19.9  | 20.4  | 20.4  | 23.1  | 21.7  | 21.3  | 20.8  | 19.9  |
| 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):**

|       | 165°  | 170°  | 175°  | 180°  | 185°  | 190°  | 195°  | 200°  | 205°  | 210°  | 215°  |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°    | 474.6 | 474.6 | 474.6 | 474.6 | 474.6 | 474.6 | 474.6 | 474.6 | 474.6 | 474.6 | 474.6 |
| 2.5°  | 482.3 | 481.8 | 482.7 | 481.8 | 482.3 | 482.7 | 481.8 | 483.2 | 484.1 | 482.7 | 481.4 |
| 5°    | 492.2 | 492.2 | 494.5 | 495.4 | 495.9 | 498.6 | 497.2 | 498.1 | 499.0 | 498.6 | 499.0 |
| 7.5°  | 498.6 | 500.4 | 502.6 | 504.9 | 505.4 | 507.6 | 507.2 | 508.5 | 509.4 | 511.7 | 511.7 |
| 10°   | 504.0 | 506.3 | 509.4 | 511.7 | 513.9 | 515.8 | 516.7 | 519.4 | 519.8 | 521.6 | 521.6 |
| 12.5° | 509.0 | 511.7 | 514.9 | 518.5 | 520.7 | 524.4 | 524.8 | 528.9 | 530.2 | 530.7 | 529.3 |
| 15°   | 508.1 | 511.2 | 514.9 | 518.9 | 523.0 | 527.5 | 530.2 | 534.3 | 536.6 | 537.5 | 535.2 |
| 17.5° | 499.5 | 502.2 | 506.7 | 512.1 | 517.1 | 523.0 | 528.0 | 533.9 | 537.5 | 538.4 | 537.9 |
| 20°   | 482.7 | 484.5 | 490.4 | 497.7 | 503.5 | 512.6 | 519.8 | 528.9 | 534.8 | 539.3 | 540.6 |
| 22.5° | 449.7 | 454.2 | 460.1 | 468.3 | 476.9 | 488.2 | 498.6 | 511.7 | 524.4 | 535.2 | 546.1 |
| 25°   | 409.9 | 418.0 | 427.1 | 437.9 | 448.3 | 460.1 | 471.9 | 486.8 | 505.4 | 528.0 | 553.8 |
| 27.5° | 369.6 | 383.7 | 395.0 | 409.0 | 421.2 | 433.0 | 446.1 | 462.4 | 482.7 | 509.9 | 542.9 |
| 30°   | 328.9 | 344.7 | 357.0 | 373.2 | 389.5 | 405.4 | 418.5 | 435.7 | 455.6 | 483.2 | 519.4 |
| 32.5° | 285.5 | 301.3 | 315.8 | 330.7 | 348.8 | 367.8 | 383.7 | 404.9 | 426.2 | 454.7 | 491.3 |
| 35°   | 240.7 | 254.7 | 266.9 | 282.8 | 302.7 | 323.0 | 343.8 | 368.3 | 391.3 | 421.2 | 460.1 |
| 37.5° | 201.8 | 211.7 | 223.5 | 237.5 | 252.9 | 274.6 | 298.1 | 327.1 | 353.3 | 385.9 | 425.7 |
| 40°   | 169.7 | 175.1 | 181.9 | 193.6 | 207.7 | 228.9 | 252.0 | 282.8 | 314.4 | 350.2 | 388.6 |
| 42.5° | 144.8 | 147.5 | 149.3 | 157.0 | 168.3 | 189.1 | 211.3 | 241.1 | 276.0 | 314.9 | 353.8 |
| 45°   | 128.5 | 129.8 | 130.3 | 134.4 | 142.5 | 160.6 | 183.7 | 209.0 | 242.5 | 280.5 | 321.2 |
| 47.5° | 120.8 | 122.2 | 123.1 | 124.0 | 128.9 | 143.0 | 163.8 | 187.8 | 218.5 | 253.4 | 295.0 |
| 50°   | 114.5 | 115.8 | 117.2 | 116.7 | 119.0 | 128.0 | 145.7 | 167.8 | 196.8 | 228.9 | 270.1 |
| 52.5° | 108.1 | 109.0 | 109.0 | 109.0 | 110.4 | 116.3 | 128.9 | 149.3 | 176.0 | 206.3 | 247.0 |
| 55°   | 104.5 | 105.4 | 105.9 | 106.3 | 106.8 | 109.9 | 119.4 | 135.7 | 158.8 | 186.8 | 223.5 |
| 57.5° | 100.9 | 101.3 | 102.2 | 102.7 | 103.6 | 105.4 | 111.3 | 123.1 | 142.5 | 166.0 | 196.8 |
| 60°   | 97.7  | 98.6  | 100.4 | 100.9 | 101.8 | 102.2 | 105.0 | 112.2 | 124.9 | 143.0 | 167.8 |
| 62.5° | 92.7  | 94.1  | 95.9  | 96.4  | 97.3  | 97.7  | 98.2  | 102.2 | 108.1 | 119.0 | 137.5 |
| 63°   | 91.4  | 92.7  | 95.0  | 95.5  | 95.9  | 95.9  | 96.4  | 99.1  | 104.5 | 114.0 | 127.6 |
| 65°   | 86.4  | 88.2  | 89.6  | 90.0  | 90.5  | 90.5  | 90.0  | 90.9  | 91.4  | 95.5  | 103.6 |
| 67.5° | 81.0  | 82.3  | 83.2  | 83.7  | 83.2  | 83.7  | 83.2  | 82.3  | 81.4  | 82.3  | 86.0  |
| 70°   | 75.6  | 76.5  | 76.5  | 76.9  | 77.4  | 77.8  | 76.9  | 76.0  | 75.1  | 74.6  | 76.9  |
| 72.5° | 69.2  | 70.1  | 70.1  | 70.6  | 70.6  | 71.5  | 71.5  | 71.0  | 71.0  | 71.5  | 71.9  |
| 75°   | 62.9  | 63.8  | 63.3  | 64.2  | 64.2  | 65.6  | 65.6  | 66.1  | 67.0  | 66.5  | 66.1  |
| 77.5° | 57.0  | 57.5  | 57.5  | 57.9  | 58.4  | 60.6  | 62.0  | 62.4  | 62.4  | 61.5  | 60.6  |
| 80°   | 50.7  | 50.7  | 49.8  | 49.3  | 49.8  | 52.0  | 54.7  | 55.2  | 56.6  | 56.1  | 56.6  |
| 82.5° | 42.5  | 40.7  | 39.4  | 39.4  | 40.3  | 41.6  | 42.5  | 43.4  | 44.3  | 44.3  | 45.2  |
| 85°   | 32.6  | 30.8  | 29.4  | 29.9  | 31.2  | 31.7  | 31.2  | 31.2  | 33.0  | 34.4  | 33.0  |
| 87.5° | 19.5  | 17.6  | 16.7  | 15.4  | 15.8  | 17.2  | 16.7  | 15.4  | 15.8  | 12.7  | 11.8  |
| 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°    | 474.6 | 474.6 | 474.6 | 474.6 | 474.6 | 474.6 | 474.6 | 474.6  | 474.6  | 474.6  | 474.6  |
| 2.5°  | 482.3 | 481.8 | 480.9 | 479.6 | 479.1 | 478.2 | 478.7 | 477.3  | 476.4  | 475.5  | 474.1  |
| 5°    | 499.0 | 499.0 | 496.3 | 496.3 | 494.9 | 494.5 | 491.3 | 490.0  | 487.3  | 488.2  | 485.0  |
| 7.5°  | 510.8 | 512.1 | 509.0 | 508.5 | 506.7 | 506.3 | 502.2 | 500.8  | 498.6  | 497.7  | 494.9  |
| 10°   | 519.4 | 519.4 | 515.3 | 512.1 | 509.9 | 507.6 | 503.5 | 501.7  | 499.9  | 500.4  | 498.6  |
| 12.5° | 526.2 | 523.0 | 517.1 | 512.6 | 509.4 | 507.2 | 504.0 | 502.6  | 502.2  | 505.4  | 505.8  |
| 15°   | 531.6 | 527.1 | 519.8 | 516.7 | 513.9 | 513.5 | 513.5 | 514.9  | 518.0  | 523.9  | 528.4  |
| 17.5° | 534.8 | 532.0 | 528.4 | 527.5 | 532.0 | 534.8 | 538.4 | 542.5  | 547.0  | 555.1  | 560.1  |
| 20°   | 540.6 | 542.5 | 545.2 | 548.8 | 556.0 | 562.8 | 567.3 | 573.2  | 578.6  | 588.6  | 596.7  |
| 22.5° | 556.0 | 566.4 | 575.0 | 582.3 | 593.1 | 602.6 | 608.5 | 616.6  | 620.7  | 627.5  | 640.2  |
| 25°   | 575.9 | 597.2 | 615.3 | 630.7 | 647.4 | 657.4 | 665.5 | 675.9  | 682.3  | 693.6  | 704.9  |
| 27.5° | 570.1 | 600.4 | 627.5 | 656.0 | 679.1 | 704.9 | 723.0 | 740.2  | 751.0  | 767.8  | 782.7  |
| 30°   | 552.0 | 588.1 | 624.8 | 662.3 | 699.0 | 736.1 | 770.5 | 801.7  | 825.7  | 849.6  | 874.1  |
| 32.5° | 527.5 | 569.1 | 613.9 | 660.1 | 708.0 | 759.6 | 807.1 | 854.2  | 894.0  | 928.8  | 962.8  |
| 35°   | 499.5 | 546.5 | 593.1 | 650.1 | 709.4 | 775.0 | 841.1 | 906.2  | 966.8  | 1028.4 | 1070.0 |
| 37.5° | 466.0 | 513.9 | 566.0 | 631.6 | 701.3 | 782.2 | 866.4 | 951.4  | 1037.4 | 1120.2 | 1192.1 |
| 40°   | 430.3 | 479.1 | 533.9 | 604.9 | 683.6 | 777.7 | 882.7 | 997.1  | 1115.2 | 1235.1 | 1330.6 |
| 42.5° | 398.6 | 448.8 | 508.5 | 580.5 | 666.0 | 771.8 | 895.8 | 1036.5 | 1180.8 | 1329.2 | 1469.5 |
| 45°   | 367.8 | 423.0 | 485.9 | 563.3 | 658.3 | 776.4 | 915.2 | 1073.1 | 1239.6 | 1419.7 | 1590.7 |
| 47.5° | 340.2 | 396.3 | 457.4 | 542.0 | 647.0 | 778.6 | 934.2 | 1109.8 | 1295.3 | 1490.3 | 1693.4 |
| 50°   | 315.3 | 369.6 | 429.8 | 514.9 | 629.3 | 777.3 | 951.4 | 1142.8 | 1343.2 | 1545.9 | 1772.6 |
| 52.5° | 290.9 | 346.1 | 407.6 | 488.6 | 607.6 | 769.6 | 959.6 | 1170.0 | 1387.6 | 1602.0 | 1836.4 |
| 55°   | 266.9 | 321.2 | 383.2 | 463.7 | 579.1 | 749.7 | 958.7 | 1187.6 | 1422.9 | 1655.0 | 1897.9 |
| 57.5° | 238.9 | 290.5 | 351.1 | 436.1 | 548.8 | 718.9 | 945.1 | 1195.7 | 1453.2 | 1707.4 | 1971.6 |
| 60°   | 204.0 | 252.5 | 310.8 | 395.9 | 509.0 | 679.5 | 916.6 | 1191.2 | 1470.8 | 1746.3 | 2034.5 |
| 62.5° | 161.1 | 203.1 | 256.5 | 339.8 | 459.2 | 623.0 | 863.2 | 1150.1 | 1442.8 | 1740.9 | 2063.9 |
| 63°   | 152.0 | 191.8 | 243.9 | 326.2 | 437.9 | 607.6 | 847.4 | 1133.8 | 1429.2 | 1729.6 | 2059.9 |
| 65°   | 122.2 | 147.9 | 189.6 | 263.3 | 366.5 | 532.0 | 768.7 | 1050.1 | 1356.4 | 1650.0 | 2001.1 |
| 67.5° | 93.7  | 106.8 | 128.9 | 180.5 | 259.2 | 418.5 | 622.5 | 889.9  | 1177.2 | 1453.2 | 1811.5 |
| 70°   | 80.1  | 86.0  | 95.5  | 119.9 | 164.7 | 264.2 | 437.0 | 663.7  | 912.5  | 1151.9 | 1474.0 |
| 72.5° | 72.8  | 75.6  | 80.5  | 90.9  | 113.1 | 158.3 | 278.7 | 432.1  | 620.7  | 821.1  | 1070.0 |
| 75°   | 67.0  | 69.2  | 73.3  | 78.7  | 86.9  | 105.4 | 158.8 | 264.2  | 403.6  | 539.3  | 722.1  |
| 77.5° | 61.1  | 62.4  | 67.0  | 71.9  | 77.4  | 86.9  | 105.0 | 152.0  | 232.1  | 318.1  | 435.2  |
| 80°   | 56.1  | 55.2  | 58.4  | 66.5  | 71.9  | 77.4  | 82.8  | 98.6   | 132.1  | 174.2  | 235.3  |
| 82.5° | 44.8  | 45.7  | 48.4  | 56.6  | 58.8  | 57.5  | 58.4  | 61.1   | 73.7   | 80.5   | 120.3  |
| 85°   | 30.3  | 28.1  | 27.6  | 28.5  | 28.5  | 27.1  | 27.1  | 26.7   | 29.4   | 33.5   | 57.5   |
| 87.5° | 8.1   | 4.1   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0    | 0.0    | 0.0    | 0.0    |
| 90°   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0    | 0.0    | 0.0    | 0.0    |

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REPORT N  
CATALOG

**CANDELA DISTRIBUTION (continued):**

**CANDELA**

|       | 275°   | 280°   | 285°   | 290°   | 295°   | 300°   | 305°   | 310°   | 315°   | 320°   | 325°   |       |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|
| 0°    | 474.6  | 474.6  | 474.6  | 474.6  | 474.6  | 474.6  | 474.6  | 474.6  | 474.6  | 474.6  | 474.6  | 0°    |
| 2.5°  | 473.2  | 472.8  | 473.2  | 471.0  | 471.0  | 470.5  | 470.1  | 469.2  | 469.2  | 467.4  | 468.7  | 2.5°  |
| 5°    | 482.3  | 481.4  | 479.6  | 476.9  | 475.5  | 473.7  | 473.7  | 471.9  | 470.5  | 468.7  | 469.2  | 5°    |
| 7.5°  | 492.7  | 493.1  | 490.0  | 487.7  | 486.8  | 485.0  | 485.4  | 482.7  | 483.2  | 481.8  | 480.9  | 7.5°  |
| 10°   | 498.6  | 498.6  | 499.5  | 499.0  | 499.9  | 499.9  | 501.3  | 499.5  | 498.6  | 497.2  | 497.2  | 10°   |
| 12.5° | 508.1  | 509.9  | 513.5  | 513.5  | 516.2  | 517.1  | 517.6  | 518.5  | 516.7  | 515.8  | 512.6  | 12.5° |
| 15°   | 531.6  | 536.1  | 539.3  | 543.8  | 549.2  | 551.0  | 551.0  | 549.2  | 548.3  | 547.0  | 541.1  | 15°   |
| 17.5° | 570.5  | 580.5  | 583.2  | 590.4  | 591.3  | 593.6  | 599.9  | 596.3  | 594.0  | 584.5  | 582.7  | 17.5° |
| 20°   | 610.3  | 623.0  | 635.7  | 644.7  | 649.2  | 658.3  | 659.6  | 657.8  | 648.8  | 639.7  | 635.7  | 20°   |
| 22.5° | 658.3  | 677.3  | 691.8  | 705.8  | 712.6  | 717.1  | 727.0  | 724.8  | 717.5  | 704.0  | 698.5  | 22.5° |
| 25°   | 726.1  | 749.7  | 765.0  | 782.2  | 791.3  | 795.8  | 805.8  | 805.8  | 798.1  | 794.0  | 793.5  | 25°   |
| 27.5° | 811.6  | 840.6  | 865.9  | 871.8  | 895.3  | 900.8  | 910.3  | 910.3  | 903.0  | 898.1  | 922.0  | 27.5° |
| 30°   | 906.7  | 937.0  | 980.8  | 1010.3 | 1038.8 | 1066.8 | 1066.4 | 1068.2 | 1076.8 | 1081.3 | 1091.7 | 30°   |
| 32.5° | 1001.7 | 1039.2 | 1085.8 | 1149.6 | 1210.7 | 1262.7 | 1330.1 | 1373.1 | 1360.0 | 1323.3 | 1308.9 | 32.5° |
| 35°   | 1117.0 | 1158.6 | 1215.2 | 1279.4 | 1391.2 | 1458.6 | 1491.2 | 1514.3 | 1517.0 | 1521.9 | 1532.3 | 35°   |
| 37.5° | 1245.5 | 1315.2 | 1380.8 | 1453.6 | 1515.6 | 1597.5 | 1673.1 | 1733.7 | 1747.7 | 1776.2 | 1759.9 | 37.5° |
| 40°   | 1407.9 | 1485.7 | 1554.5 | 1648.6 | 1731.9 | 1830.5 | 1938.6 | 2021.9 | 2055.3 | 2044.5 | 1963.1 | 40°   |
| 42.5° | 1578.0 | 1674.4 | 1754.9 | 1865.8 | 1973.9 | 2104.2 | 2216.0 | 2332.2 | 2353.0 | 2269.3 | 2147.6 | 42.5° |
| 45°   | 1734.6 | 1854.0 | 1954.0 | 2069.4 | 2201.5 | 2357.6 | 2506.9 | 2626.3 | 2622.2 | 2478.8 | 2315.9 | 45°   |
| 47.5° | 1875.3 | 2021.9 | 2144.0 | 2294.2 | 2436.3 | 2622.2 | 2793.7 | 2881.9 | 2829.9 | 2660.2 | 2460.7 | 47.5° |
| 50°   | 1991.6 | 2174.3 | 2325.0 | 2477.0 | 2657.5 | 2881.5 | 3046.6 | 3096.4 | 2995.9 | 2811.3 | 2601.4 | 50°   |
| 52.5° | 2085.2 | 2314.6 | 2483.8 | 2658.9 | 2886.9 | 3122.6 | 3264.7 | 3246.1 | 3116.3 | 2926.7 | 2717.7 | 52.5° |
| 55°   | 2164.4 | 2421.8 | 2623.6 | 2830.3 | 3113.1 | 3330.3 | 3424.8 | 3375.1 | 3193.6 | 3001.4 | 2797.3 | 55°   |
| 57.5° | 2246.3 | 2525.9 | 2752.1 | 2991.9 | 3306.7 | 3493.1 | 3545.6 | 3443.4 | 3230.3 | 3029.9 | 2831.7 | 57.5° |
| 60°   | 2328.2 | 2612.7 | 2865.6 | 3133.0 | 3453.3 | 3626.2 | 3611.7 | 3458.8 | 3219.4 | 3009.1 | 2808.6 | 60°   |
| 62.5° | 2383.4 | 2664.3 | 2931.7 | 3219.9 | 3563.3 | 3694.0 | 3605.3 | 3404.0 | 3156.5 | 2927.2 | 2739.9 | 62.5° |
| 63°   | 2384.7 | 2666.1 | 2935.8 | 3225.8 | 3575.5 | 3696.3 | 3593.1 | 3384.6 | 3136.6 | 2910.4 | 2719.5 | 63°   |
| 65°   | 2356.2 | 2632.2 | 2899.6 | 3199.1 | 3565.1 | 3644.2 | 3487.7 | 3269.6 | 3023.1 | 2794.6 | 2613.6 | 65°   |
| 67.5° | 2210.5 | 2491.9 | 2728.1 | 3010.4 | 3378.7 | 3401.3 | 3205.4 | 3029.4 | 2807.7 | 2571.1 | 2382.0 | 67.5° |
| 70°   | 1916.9 | 2150.8 | 2382.4 | 2618.2 | 2927.2 | 2923.1 | 2739.0 | 2649.4 | 2455.3 | 2185.6 | 2034.1 | 70°   |
| 72.5° | 1524.7 | 1734.6 | 1897.5 | 2055.3 | 2258.9 | 2217.8 | 2099.2 | 2124.1 | 1998.3 | 1797.0 | 1707.0 | 72.5° |
| 75°   | 1132.0 | 1362.7 | 1442.3 | 1506.6 | 1592.5 | 1593.0 | 1625.5 | 1696.1 | 1694.3 | 1582.6 | 1469.0 | 75°   |
| 77.5° | 742.4  | 994.9  | 1021.6 | 1073.1 | 1176.3 | 1316.5 | 1461.3 | 1617.0 | 1655.9 | 1567.6 | 1399.8 | 77.5° |
| 80°   | 414.0  | 676.4  | 645.6  | 689.9  | 801.2  | 991.7  | 1205.2 | 1377.2 | 1478.5 | 1429.2 | 1251.4 | 80°   |
| 82.5° | 211.7  | 390.0  | 372.8  | 434.3  | 524.4  | 689.9  | 831.1  | 963.2  | 1082.6 | 1075.9 | 1008.4 | 82.5° |
| 85°   | 109.9  | 213.5  | 242.9  | 275.1  | 320.3  | 379.6  | 433.0  | 471.4  | 521.2  | 609.0  | 638.8  | 85°   |
| 87.5° | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.5    | 0.0    | 32.6   | 23.5   | 64.7   | 92.3   | 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°   |

NUMBER: P181132

NUMBER: ICS-F02-LED-E1-SLR-7030

**DISTRIBUTION (continued):**

| 330°   | 335°   | 340°   | 345°   | 350°   | 355°   | 360°   |
|--------|--------|--------|--------|--------|--------|--------|
| 474.6  | 474.6  | 474.6  | 474.6  | 474.6  | 474.6  | 474.6  |
| 469.2  | 469.6  | 468.7  | 468.7  | 469.2  | 469.2  | 468.3  |
| 468.3  | 468.3  | 467.4  | 466.4  | 465.5  | 465.5  | 464.6  |
| 478.7  | 478.7  | 475.5  | 474.1  | 471.9  | 470.1  | 469.2  |
| 494.0  | 491.3  | 487.7  | 485.0  | 481.4  | 477.3  | 475.0  |
| 509.4  | 505.4  | 500.8  | 496.8  | 492.2  | 487.7  | 485.4  |
| 534.8  | 529.3  | 523.5  | 518.5  | 512.1  | 505.4  | 502.6  |
| 573.7  | 565.1  | 557.4  | 550.1  | 538.8  | 533.9  | 528.4  |
| 625.2  | 612.6  | 602.6  | 590.4  | 576.4  | 571.9  | 565.1  |
| 687.7  | 676.8  | 656.9  | 647.9  | 633.8  | 627.1  | 628.4  |
| 782.7  | 768.7  | 745.6  | 737.0  | 735.6  | 720.7  | 713.5  |
| 906.7  | 907.6  | 886.3  | 863.2  | 850.6  | 827.0  | 797.2  |
| 1083.1 | 1070.9 | 1046.0 | 1022.5 | 992.6  | 948.3  | 898.5  |
| 1296.6 | 1269.5 | 1228.3 | 1184.4 | 1131.5 | 1063.2 | 993.5  |
| 1505.2 | 1457.7 | 1392.1 | 1318.8 | 1242.3 | 1157.3 | 1058.7 |
| 1688.4 | 1614.7 | 1516.5 | 1432.4 | 1324.2 | 1217.9 | 1097.6 |
| 1855.8 | 1764.4 | 1637.8 | 1528.7 | 1401.1 | 1264.5 | 1122.0 |
| 2017.8 | 1902.0 | 1746.8 | 1599.3 | 1455.0 | 1295.7 | 1133.8 |
| 2172.1 | 2022.8 | 1838.6 | 1663.1 | 1494.3 | 1316.1 | 1135.6 |
| 2290.6 | 2127.7 | 1921.0 | 1709.2 | 1521.5 | 1331.5 | 1135.6 |
| 2400.5 | 2216.4 | 1983.9 | 1745.4 | 1546.8 | 1341.9 | 1136.5 |
| 2486.1 | 2278.8 | 2024.6 | 1771.2 | 1566.7 | 1349.6 | 1140.6 |
| 2548.0 | 2319.6 | 2051.7 | 1787.1 | 1581.2 | 1360.4 | 1149.6 |
| 2591.5 | 2346.3 | 2066.7 | 1801.1 | 1598.9 | 1379.4 | 1174.9 |
| 2612.3 | 2395.6 | 2091.5 | 1829.1 | 1629.2 | 1419.7 | 1225.6 |
| 2596.4 | 2472.0 | 2162.6 | 1876.6 | 1671.2 | 1482.6 | 1306.6 |
| 2589.7 | 2486.1 | 2182.0 | 1887.0 | 1680.7 | 1496.2 | 1334.6 |
| 2536.7 | 2500.1 | 2262.1 | 1939.5 | 1726.0 | 1556.3 | 1412.9 |
| 2372.5 | 2444.9 | 2329.5 | 2028.2 | 1823.3 | 1702.5 | 1559.0 |
| 2159.9 | 2363.0 | 2317.3 | 2039.5 | 1885.2 | 1822.4 | 1651.3 |
| 1905.1 | 2115.5 | 2073.0 | 1888.9 | 1816.9 | 1823.7 | 1627.4 |
| 1499.3 | 1657.2 | 1629.2 | 1564.5 | 1578.9 | 1628.7 | 1393.9 |
| 1201.2 | 1179.9 | 1115.2 | 1119.7 | 1203.4 | 1261.8 | 1003.5 |
| 981.3  | 794.5  | 710.3  | 712.6  | 858.7  | 919.3  | 639.3  |
| 933.8  | 751.5  | 612.1  | 534.8  | 624.8  | 601.7  | 333.9  |
| 665.1  | 666.4  | 552.9  | 449.3  | 435.2  | 370.1  | 208.1  |
| 157.4  | 126.2  | 90.0   | 67.0   | 70.6   | 46.6   | 23.5   |
| 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |

(END OF REPORT)