

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: P181238

Luminaire Tested: **ICM-F01-LED-E1-T2**

Issue Date: 03/03/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P181238  
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (P33671)  
Test Lab: INNOVATION CENTER-P3  
Issue Date: 03/03/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: INVUE  
Catalog Number: ICM-F01-LED-E1-T2  
Description: ICON SITE MEDIUM LED LUMINAIRE  
(1) LIGHTBARS WITH AccuLED OPTICS - TYPE 2  
Light Source: (7) 4000K CCT, 70 CRI LEDs  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 2352.8 lumens  
Efficiency: N/A  
Efficacy: 90.8 lumens/watt  
Luminous Opening: Rectangular w/ Sides (W: 0.17' x L: 1' x H: 0.1')  
IES Classification: Type II - Short - Semi-Cutoff  
BUG Rating: B1 - U0 - G1

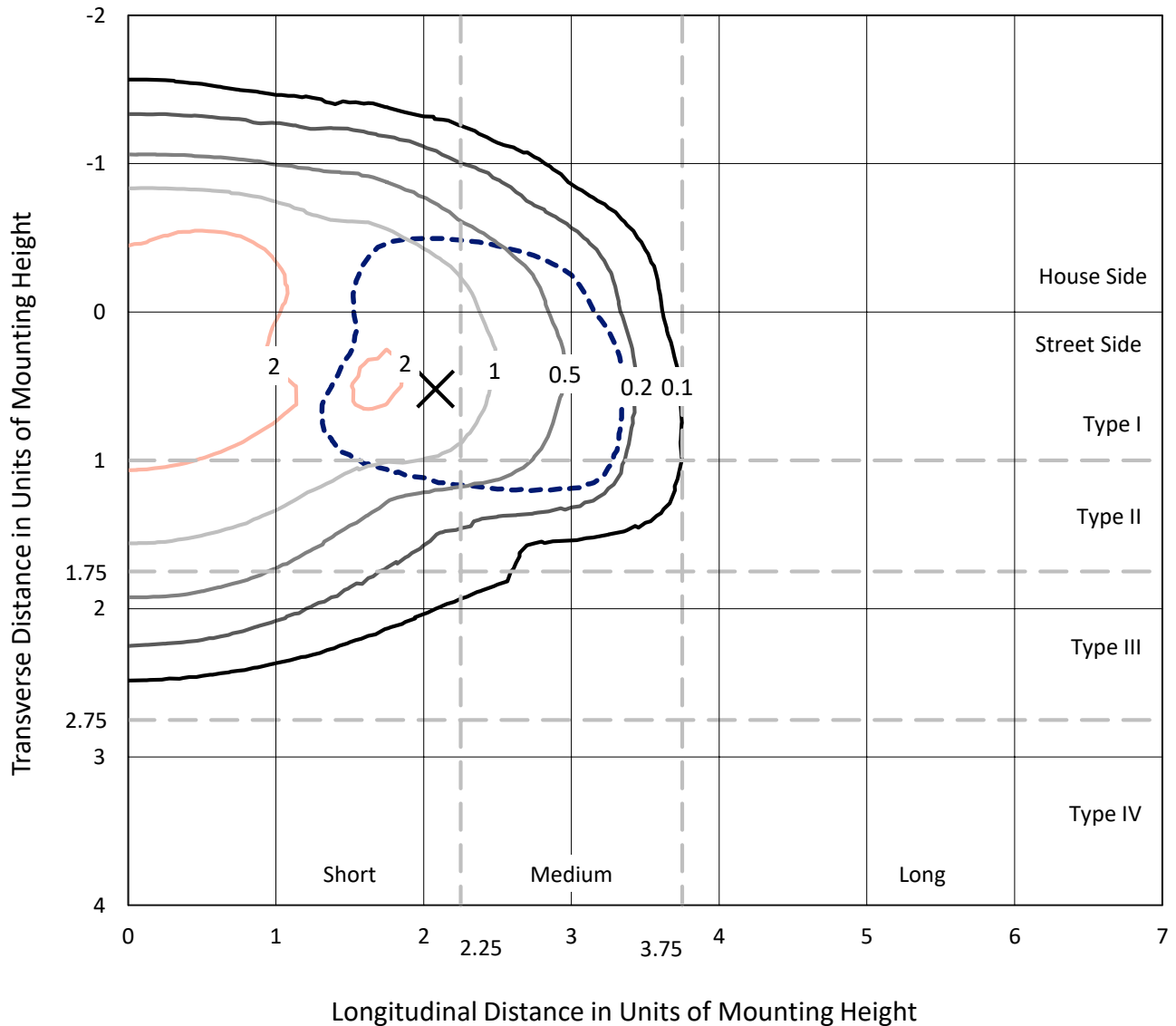
Input Watts (W): 25.9  
Input Voltage (V): NR  
Input Current (A<sub>in</sub>): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT



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### Iso-Footcandle Lines of Horizontal Illumination

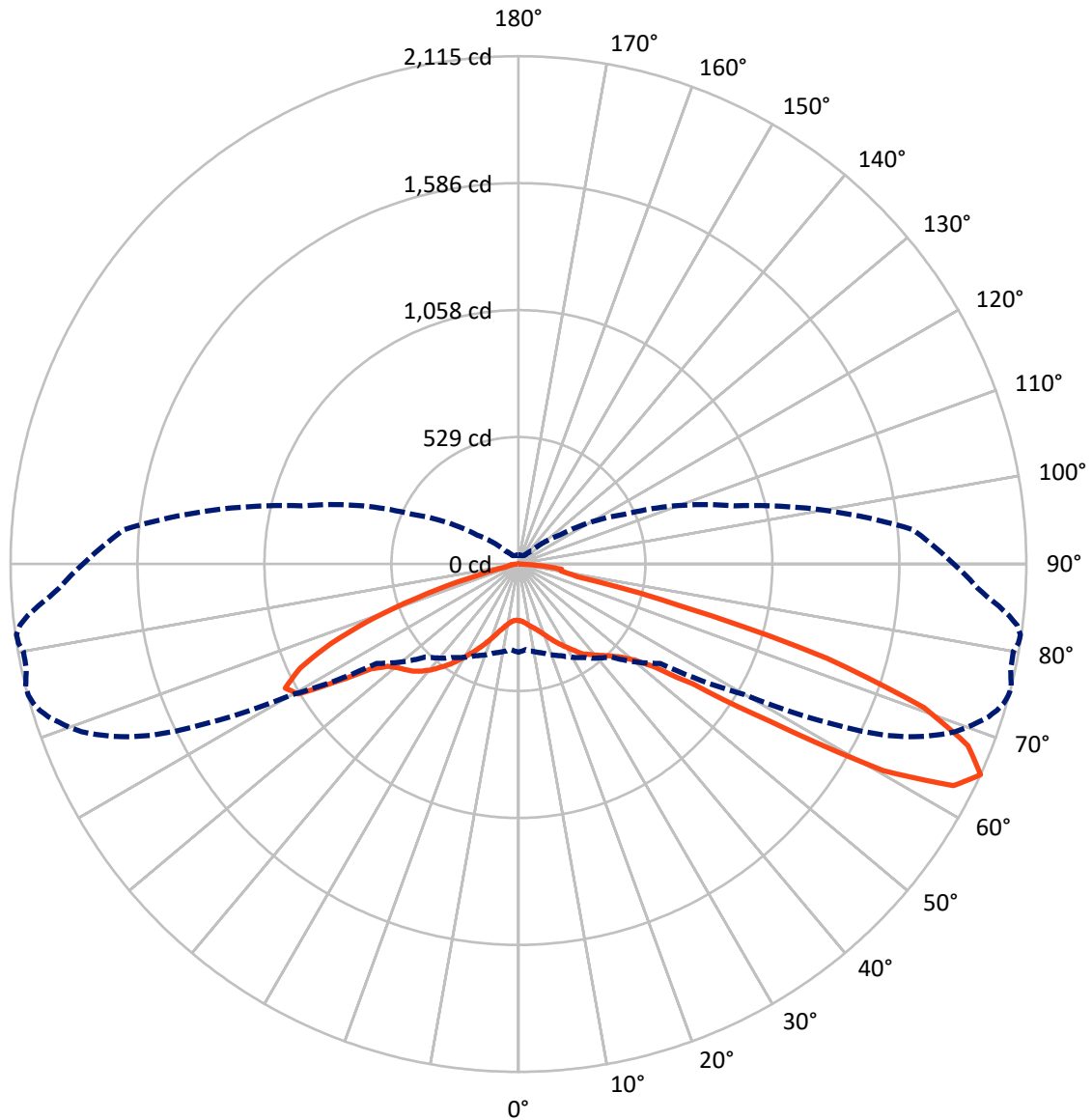
× Max cd  
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 2.9 fc  
 Type II - Short - Semi-Cutoff

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### Luminous Intensity Polar Plot



— Vertical Plane Through 76-Deg Lateral      - - - Horizontal Cone Through 65-Deg Vertical

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**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total  |
|--------------------|-----------|----------|--------|--------|
| <b>House Side</b>  | Lumens    | 823.9    | 0.0    | 823.9  |
|                    | % Fixture | 35.0     | 0.0    | 35.0   |
| <b>Street Side</b> | Lumens    | 1528.9   | 0.0    | 1528.9 |
|                    | % Fixture | 65.0     | 0.0    | 65.0   |
| <b>Total</b>       | Lumens    | 2352.8   | 0.0    | 2352.8 |
|                    | % Fixture | 100.0    | 0.0    | 100.0  |

**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 23.6   | 1.0       |
| 10°-20°   | 80.9   | 3.4       |
| 20°-30°   | 159.0  | 6.8       |
| 30°-40°   | 264.1  | 11.2      |
| 40°-50°   | 388.1  | 16.5      |
| 50°-60°   | 537.3  | 22.8      |
| 60°-70°   | 641.3  | 27.3      |
| 70°-80°   | 226.8  | 9.6       |
| 80°-90°   | 31.7   | 1.3       |
| 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°    | 2352.8 | 100.0     |
| 0°-180°   | 2352.8 | 100.0     |

**Coefficient of Utilization**



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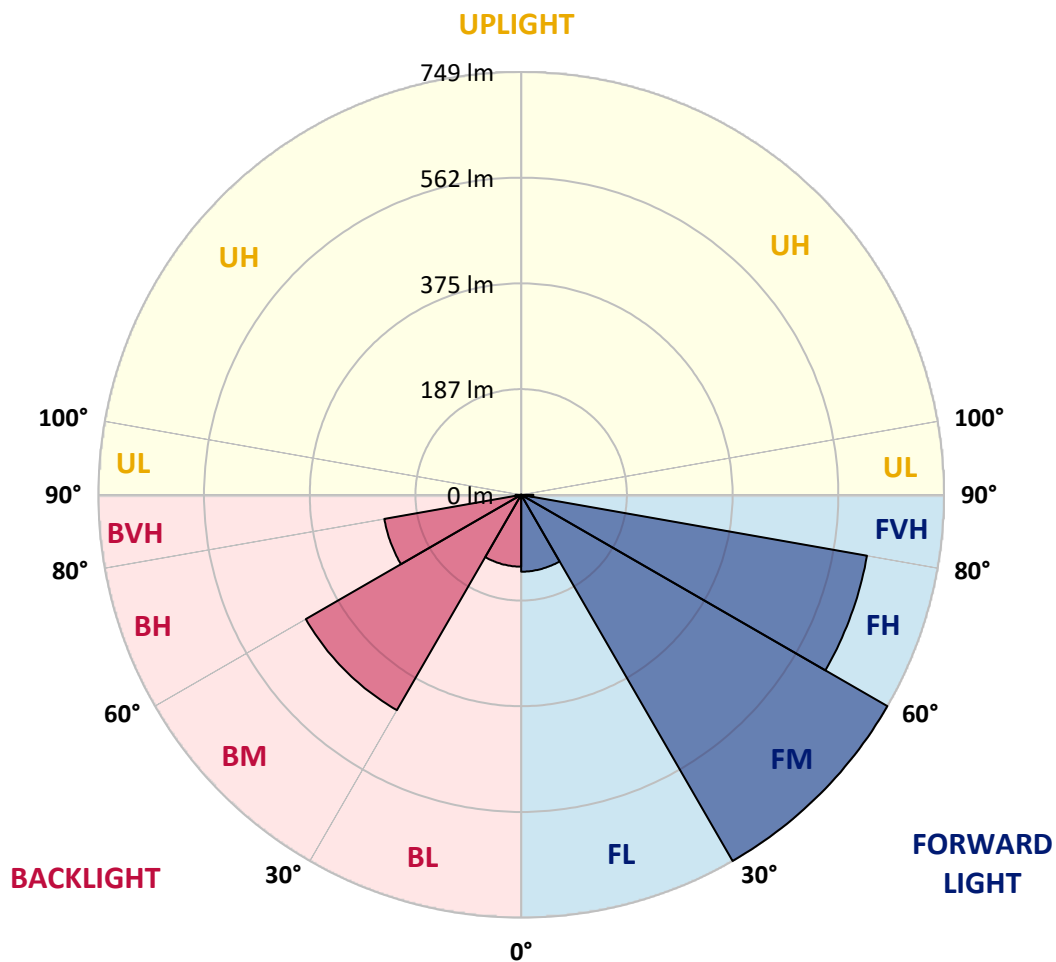
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

| Zone |             | Lumens | % Fixture | Zone Rating/Lumen Limit |      |        |
|------|-------------|--------|-----------|-------------------------|------|--------|
|      |             |        |           | B                       | U    | G      |
| FL   | (0°-30°)    | 136.1  | 5.8       |                         |      |        |
| FM   | (30°-60°)   | 749.1  | 31.8      |                         |      |        |
| FH   | (60°-80°)   | 622.1  | 26.4      |                         |      | G0/660 |
| FVH  | (80°-90°)   | 21.7   | 0.9       |                         |      | G1/100 |
| BL   | (0°-30°)    | 127.3  | 5.4       | B1/500                  |      |        |
| BM   | (30°-60°)   | 440.5  | 18.7      | B1/1000                 |      |        |
| BH   | (60°-80°)   | 246.1  | 10.5      | B1/500                  |      | G1/500 |
| BVH  | (80°-90°)   | 10.0   | 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-G1**

Type II Short





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**CANDELA DISTRIBUTION (FULL):**

|       | 0°    | 5°    | 15°   | 25°   | 35°   | 45°   | 55°   | 60°    | 61°    | 62°    | 64°    |
|-------|-------|-------|-------|-------|-------|-------|-------|--------|--------|--------|--------|
| 0°    | 235.3 | 235.3 | 235.3 | 235.3 | 235.3 | 235.3 | 235.3 | 235.3  | 235.3  | 235.3  | 235.3  |
| 2.5°  | 245.5 | 245.8 | 245.2 | 244.9 | 244.2 | 242.9 | 241.9 | 240.8  | 240.8  | 240.8  | 240.1  |
| 5°    | 256.3 | 256.7 | 255.7 | 255.0 | 252.7 | 251.4 | 249.6 | 248.3  | 247.8  | 247.5  | 246.8  |
| 7.5°  | 269.8 | 269.0 | 267.5 | 267.0 | 265.2 | 262.4 | 259.1 | 256.5  | 256.5  | 256.3  | 256.5  |
| 10°   | 283.4 | 281.3 | 280.6 | 279.8 | 276.9 | 273.4 | 269.6 | 266.7  | 266.5  | 266.2  | 265.5  |
| 12.5° | 296.9 | 296.2 | 295.4 | 292.6 | 289.8 | 284.1 | 279.8 | 276.9  | 276.7  | 276.9  | 275.9  |
| 15°   | 314.9 | 313.0 | 312.3 | 307.4 | 301.3 | 295.2 | 289.8 | 287.2  | 286.4  | 286.7  | 286.0  |
| 17.5° | 328.7 | 328.7 | 326.9 | 321.5 | 313.6 | 305.1 | 299.5 | 298.0  | 297.7  | 297.7  | 298.0  |
| 20°   | 339.7 | 339.4 | 337.7 | 333.3 | 323.8 | 315.4 | 312.6 | 312.0  | 311.8  | 311.8  | 312.6  |
| 22.5° | 345.9 | 345.3 | 344.6 | 339.7 | 332.3 | 326.6 | 326.9 | 328.4  | 328.9  | 329.5  | 330.5  |
| 25°   | 348.9 | 348.1 | 347.9 | 344.6 | 339.2 | 338.4 | 343.0 | 347.1  | 348.1  | 349.1  | 350.4  |
| 27.5° | 354.0 | 352.7 | 353.2 | 352.0 | 350.7 | 353.0 | 362.4 | 366.8  | 367.6  | 368.8  | 369.7  |
| 30°   | 368.1 | 367.6 | 369.7 | 370.1 | 371.2 | 374.5 | 383.2 | 387.3  | 389.1  | 389.1  | 392.7  |
| 32.5° | 395.0 | 395.3 | 395.7 | 401.1 | 402.9 | 405.2 | 409.9 | 413.1  | 413.4  | 413.7  | 417.0  |
| 35°   | 431.1 | 432.6 | 436.9 | 441.6 | 446.0 | 445.7 | 442.9 | 444.7  | 443.4  | 444.9  | 445.1  |
| 37.5° | 476.7 | 474.6 | 481.0 | 491.4 | 498.1 | 496.4 | 483.8 | 475.6  | 478.0  | 476.9  | 476.1  |
| 40°   | 511.7 | 514.0 | 526.3 | 540.1 | 545.2 | 550.9 | 534.5 | 520.4  | 518.3  | 514.5  | 512.2  |
| 42.5° | 560.1 | 560.4 | 570.3 | 580.6 | 595.4 | 607.7 | 597.2 | 576.9  | 570.8  | 566.2  | 556.3  |
| 45°   | 604.8 | 604.1 | 612.3 | 624.8 | 642.5 | 660.2 | 664.0 | 642.0  | 639.7  | 631.5  | 618.4  |
| 47.5° | 634.8 | 633.8 | 639.4 | 655.8 | 684.5 | 713.4 | 729.3 | 722.6  | 718.2  | 715.0  | 694.4  |
| 50°   | 655.1 | 653.0 | 659.4 | 676.8 | 708.8 | 753.3 | 794.8 | 800.5  | 798.6  | 798.6  | 785.6  |
| 52.5° | 670.1 | 670.1 | 674.8 | 688.8 | 721.3 | 776.9 | 851.2 | 879.5  | 881.9  | 884.4  | 883.6  |
| 55°   | 661.7 | 663.0 | 674.5 | 695.0 | 729.3 | 793.3 | 897.7 | 959.9  | 972.8  | 983.4  | 995.7  |
| 57.5° | 632.7 | 637.1 | 652.5 | 686.1 | 731.4 | 805.6 | 949.4 | 1072.6 | 1108.7 | 1139.9 | 1188.5 |
| 60°   | 590.5 | 596.2 | 618.4 | 661.2 | 716.2 | 785.6 | 967.6 | 1167.7 | 1225.1 | 1293.2 | 1420.2 |
| 62.5° | 518.1 | 523.7 | 545.5 | 588.3 | 635.4 | 709.0 | 892.4 | 1181.9 | 1273.5 | 1370.0 | 1562.0 |
| 65°   | 367.1 | 358.1 | 383.2 | 421.6 | 475.6 | 547.0 | 721.1 | 1087.4 | 1219.3 | 1350.1 | 1587.1 |
| 67.5° | 204.6 | 203.7 | 219.1 | 247.8 | 299.5 | 376.3 | 496.8 | 834.0  | 955.4  | 1103.5 | 1394.6 |
| 70°   | 141.0 | 142.6 | 152.3 | 183.3 | 226.0 | 292.3 | 354.0 | 523.7  | 611.0  | 711.6  | 997.8  |
| 72.5° | 99.1  | 102.4 | 107.7 | 126.2 | 170.0 | 246.2 | 361.7 | 313.0  | 356.6  | 425.2  | 600.0  |
| 75°   | 58.1  | 60.4  | 64.3  | 73.2  | 96.7  | 164.6 | 374.5 | 275.2  | 275.2  | 291.3  | 363.0  |
| 77.5° | 35.8  | 35.8  | 38.1  | 41.8  | 51.4  | 80.7  | 266.7 | 309.2  | 300.6  | 291.3  | 292.1  |
| 80°   | 18.4  | 19.7  | 23.1  | 24.8  | 28.7  | 36.8  | 119.8 | 288.5  | 316.4  | 335.1  | 322.0  |
| 82.5° | 8.5   | 9.5   | 14.0  | 15.1  | 16.7  | 19.4  | 41.2  | 164.1  | 219.9  | 289.5  | 361.7  |
| 85°   | 4.4   | 4.4   | 7.4   | 9.2   | 10.0  | 8.9   | 15.1  | 66.3   | 100.4  | 153.1  | 239.6  |
| 87.5° | 0.7   | 0.7   | 1.3   | 1.6   | 2.3   | 2.0   | 2.6   | 3.8    | 6.4    | 6.9    | 7.2    |
| 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):**

|       | 65°    | 66°    | 67°    | 68°    | 69°    | 70°    | 71°    | 72°    | 73°    | 74°    | 75°    |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 235.3  | 235.3  | 235.3  | 235.3  | 235.3  | 235.3  | 235.3  | 235.3  | 235.3  | 235.3  | 235.3  |
| 2.5°  | 239.8  | 240.1  | 239.8  | 239.6  | 239.1  | 239.1  | 239.1  | 238.8  | 238.8  | 238.8  | 238.6  |
| 5°    | 246.8  | 245.8  | 246.0  | 245.5  | 245.2  | 244.9  | 245.2  | 244.7  | 244.2  | 244.5  | 244.2  |
| 7.5°  | 255.4  | 255.0  | 254.0  | 254.0  | 253.7  | 253.1  | 253.1  | 252.4  | 252.1  | 251.6  | 251.4  |
| 10°   | 265.2  | 263.9  | 264.5  | 263.9  | 264.2  | 263.2  | 262.6  | 262.1  | 261.6  | 261.6  | 261.9  |
| 12.5° | 275.2  | 274.9  | 274.1  | 273.7  | 273.7  | 272.8  | 273.1  | 272.8  | 272.1  | 271.8  | 271.1  |
| 15°   | 285.4  | 285.4  | 284.7  | 284.9  | 284.7  | 284.1  | 283.6  | 283.6  | 283.1  | 282.6  | 282.9  |
| 17.5° | 297.5  | 297.5  | 297.5  | 297.5  | 297.7  | 296.9  | 297.2  | 296.7  | 296.2  | 297.2  | 297.2  |
| 20°   | 313.0  | 314.0  | 314.0  | 313.9  | 315.1  | 314.3  | 314.0  | 315.4  | 314.0  | 315.9  | 315.6  |
| 22.5° | 331.0  | 332.0  | 332.0  | 333.0  | 333.3  | 334.0  | 334.6  | 334.0  | 335.1  | 336.1  | 336.1  |
| 25°   | 351.0  | 352.0  | 352.7  | 354.2  | 355.1  | 354.5  | 354.8  | 356.1  | 356.6  | 357.6  | 358.6  |
| 27.5° | 371.9  | 372.2  | 373.2  | 375.0  | 376.3  | 376.8  | 377.0  | 379.1  | 379.4  | 379.9  | 380.9  |
| 30°   | 392.4  | 395.0  | 394.4  | 396.7  | 397.5  | 398.3  | 399.8  | 400.6  | 402.4  | 403.4  | 403.4  |
| 32.5° | 416.5  | 416.0  | 418.0  | 419.8  | 421.1  | 422.3  | 423.6  | 424.7  | 425.7  | 426.2  | 428.7  |
| 35°   | 446.4  | 447.4  | 447.4  | 447.7  | 450.8  | 451.1  | 452.1  | 454.3  | 455.2  | 456.7  | 457.7  |
| 37.5° | 476.1  | 474.3  | 474.0  | 474.0  | 473.0  | 473.8  | 474.0  | 474.3  | 475.4  | 475.6  | 476.7  |
| 40°   | 509.4  | 507.1  | 505.0  | 503.7  | 501.7  | 498.9  | 498.4  | 497.1  | 497.9  | 497.6  | 497.9  |
| 42.5° | 555.0  | 548.6  | 543.7  | 540.1  | 536.0  | 532.9  | 530.6  | 527.4  | 525.0  | 522.2  | 521.7  |
| 45°   | 613.0  | 601.0  | 592.8  | 587.0  | 581.0  | 572.7  | 567.7  | 562.6  | 558.0  | 553.4  | 549.6  |
| 47.5° | 689.3  | 676.6  | 663.5  | 652.7  | 643.5  | 630.0  | 616.1  | 608.5  | 599.5  | 591.5  | 586.0  |
| 50°   | 779.2  | 763.8  | 757.7  | 742.6  | 731.1  | 710.6  | 693.4  | 680.9  | 663.0  | 651.0  | 640.5  |
| 52.5° | 871.1  | 867.3  | 863.9  | 851.2  | 837.6  | 825.8  | 810.7  | 788.7  | 770.5  | 756.7  | 735.2  |
| 55°   | 996.3  | 998.1  | 996.8  | 989.9  | 985.0  | 973.8  | 967.6  | 948.4  | 940.2  | 920.3  | 897.7  |
| 57.5° | 1207.0 | 1221.3 | 1239.4 | 1246.6 | 1256.4 | 1247.2 | 1257.9 | 1270.9 | 1238.4 | 1249.7 | 1229.5 |
| 60°   | 1476.0 | 1541.8 | 1580.9 | 1629.0 | 1660.6 | 1704.6 | 1712.5 | 1724.0 | 1720.7 | 1727.1 | 1740.1 |
| 62.5° | 1640.3 | 1718.3 | 1793.4 | 1847.9 | 1906.2 | 1938.5 | 1977.4 | 2004.6 | 2032.8 | 2051.6 | 2046.2 |
| 65°   | 1688.7 | 1769.0 | 1837.1 | 1896.8 | 1949.0 | 1988.5 | 2024.6 | 2058.6 | 2084.4 | 2102.6 | 2113.3 |
| 67.5° | 1511.1 | 1616.0 | 1687.6 | 1757.6 | 1824.8 | 1866.3 | 1896.6 | 1929.6 | 1967.5 | 1998.9 | 2005.0 |
| 70°   | 1137.0 | 1294.5 | 1396.1 | 1479.8 | 1558.9 | 1614.7 | 1656.9 | 1687.6 | 1717.1 | 1739.6 | 1764.2 |
| 72.5° | 711.1  | 848.8  | 965.0  | 1073.6 | 1157.5 | 1234.3 | 1269.9 | 1338.0 | 1329.0 | 1346.1 | 1364.7 |
| 75°   | 426.2  | 493.3  | 557.3  | 633.8  | 677.9  | 741.9  | 753.3  | 764.6  | 758.7  | 739.5  | 753.9  |
| 77.5° | 296.2  | 307.2  | 306.7  | 302.3  | 297.7  | 286.4  | 271.8  | 263.9  | 258.5  | 250.9  | 254.0  |
| 80°   | 298.0  | 274.1  | 237.8  | 199.9  | 165.1  | 142.0  | 132.8  | 132.8  | 142.3  | 155.9  | 169.5  |
| 82.5° | 356.1  | 330.7  | 294.9  | 246.8  | 195.5  | 159.3  | 134.9  | 125.2  | 127.0  | 140.7  | 158.2  |
| 85°   | 240.1  | 245.8  | 215.5  | 197.1  | 156.2  | 121.6  | 101.9  | 82.7   | 73.2   | 75.5   | 85.5   |
| 87.5° | 8.7    | 10.5   | 3.8    | 5.1    | 3.6    | 3.1    | 3.1    | 3.3    | 2.3    | 2.8    | 2.6    |
| 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):**

|       | 76°    | 77°    | 78°    | 79°    | 80°    | 81°    | 82°    | 83°    | 84°    | 85°    | 86°    |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 235.3  | 235.3  | 235.3  | 235.3  | 235.3  | 235.3  | 235.3  | 235.3  | 235.3  | 235.3  | 235.3  |
| 2.5°  | 238.3  | 238.0  | 238.0  | 237.6  | 237.6  | 237.3  | 237.3  | 237.0  | 236.7  | 236.7  | 236.6  |
| 5°    | 243.9  | 243.7  | 243.2  | 242.9  | 242.4  | 242.4  | 242.1  | 241.7  | 241.7  | 241.1  | 240.8  |
| 7.5°  | 251.9  | 251.4  | 250.9  | 250.6  | 250.3  | 249.6  | 249.6  | 249.0  | 249.0  | 248.6  | 248.3  |
| 10°   | 261.4  | 260.8  | 260.4  | 260.6  | 259.8  | 259.5  | 259.1  | 259.1  | 258.3  | 258.0  | 258.0  |
| 12.5° | 271.6  | 271.4  | 271.4  | 270.6  | 270.3  | 270.0  | 269.0  | 269.0  | 269.0  | 268.6  | 268.7  |
| 15°   | 282.6  | 282.9  | 282.0  | 282.9  | 282.6  | 281.9  | 281.9  | 281.9  | 280.8  | 282.0  | 281.0  |
| 17.5° | 297.5  | 298.2  | 297.7  | 298.0  | 297.5  | 297.5  | 297.7  | 297.5  | 298.0  | 298.0  | 299.5  |
| 20°   | 315.9  | 316.1  | 317.4  | 316.9  | 316.9  | 316.7  | 317.1  | 317.4  | 318.4  | 318.0  | 319.0  |
| 22.5° | 336.1  | 337.4  | 337.7  | 338.7  | 338.7  | 338.4  | 338.9  | 339.9  | 340.5  | 341.2  | 340.9  |
| 25°   | 359.2  | 359.9  | 360.9  | 359.6  | 361.7  | 361.7  | 362.2  | 363.4  | 363.7  | 363.7  | 365.5  |
| 27.5° | 380.7  | 382.7  | 383.0  | 384.2  | 383.4  | 384.0  | 385.8  | 386.5  | 387.5  | 387.5  | 388.1  |
| 30°   | 404.9  | 405.8  | 406.2  | 407.8  | 407.5  | 407.8  | 408.0  | 409.3  | 409.3  | 410.6  | 411.9  |
| 32.5° | 430.0  | 430.5  | 431.1  | 432.6  | 433.1  | 434.1  | 433.6  | 434.6  | 435.9  | 436.2  | 436.9  |
| 35°   | 460.0  | 460.5  | 461.0  | 463.4  | 463.5  | 465.4  | 465.9  | 465.4  | 467.4  | 466.1  | 467.4  |
| 37.5° | 477.4  | 479.7  | 480.2  | 481.8  | 481.2  | 482.5  | 483.3  | 484.3  | 484.8  | 485.9  | 487.9  |
| 40°   | 498.6  | 499.4  | 500.9  | 501.7  | 502.7  | 503.0  | 504.0  | 504.7  | 505.6  | 507.8  | 510.1  |
| 42.5° | 520.4  | 521.4  | 522.2  | 523.3  | 524.5  | 525.5  | 526.3  | 528.6  | 529.1  | 530.6  | 535.0  |
| 45°   | 546.8  | 546.2  | 546.5  | 546.8  | 547.3  | 548.6  | 550.9  | 553.2  | 554.7  | 558.3  | 561.9  |
| 47.5° | 579.5  | 576.2  | 574.9  | 572.8  | 573.4  | 576.2  | 576.7  | 580.6  | 583.6  | 587.0  | 591.4  |
| 50°   | 629.2  | 620.2  | 614.9  | 609.5  | 608.9  | 610.5  | 612.6  | 616.7  | 620.2  | 624.6  | 630.7  |
| 52.5° | 712.7  | 695.5  | 684.7  | 669.9  | 665.8  | 665.0  | 663.5  | 665.8  | 666.8  | 672.7  | 684.2  |
| 55°   | 881.6  | 849.9  | 829.4  | 806.3  | 784.8  | 778.4  | 766.1  | 768.7  | 766.1  | 769.8  | 786.9  |
| 57.5° | 1234.3 | 1209.0 | 1189.0 | 1159.5 | 1122.7 | 1083.5 | 1073.9 | 1033.7 | 1041.6 | 1064.7 | 1049.8 |
| 60°   | 1746.5 | 1737.3 | 1723.0 | 1708.9 | 1658.5 | 1630.1 | 1583.7 | 1578.6 | 1546.1 | 1546.3 | 1525.1 |
| 62.5° | 2033.2 | 2045.0 | 2036.3 | 2032.2 | 2029.4 | 2020.5 | 1997.4 | 1969.8 | 1928.3 | 1898.3 | 1854.3 |
| 65°   | 2115.2 | 2105.1 | 2095.7 | 2094.4 | 2093.7 | 2108.2 | 2111.5 | 2092.1 | 2054.5 | 2007.9 | 1957.2 |
| 67.5° | 2019.6 | 2014.1 | 2014.5 | 2003.8 | 2010.4 | 2035.8 | 2053.5 | 2048.1 | 2013.5 | 1957.2 | 1892.7 |
| 70°   | 1792.4 | 1781.3 | 1792.7 | 1806.7 | 1816.7 | 1831.3 | 1848.9 | 1853.3 | 1821.8 | 1763.9 | 1698.1 |
| 72.5° | 1342.1 | 1343.9 | 1354.6 | 1358.5 | 1398.7 | 1394.6 | 1410.4 | 1358.7 | 1335.9 | 1280.9 | 1247.2 |
| 75°   | 706.2  | 694.7  | 724.7  | 661.2  | 635.1  | 653.2  | 602.3  | 553.4  | 563.6  | 572.1  | 511.2  |
| 77.5° | 249.6  | 233.5  | 206.0  | 195.1  | 162.3  | 137.5  | 112.4  | 101.4  | 95.4   | 92.4   | 88.6   |
| 80°   | 179.2  | 184.3  | 178.7  | 165.4  | 140.6  | 112.7  | 88.8   | 70.1   | 60.2   | 54.8   | 51.2   |
| 82.5° | 181.2  | 201.5  | 210.4  | 206.6  | 184.1  | 139.3  | 91.9   | 58.6   | 43.5   | 36.4   | 33.8   |
| 85°   | 97.3   | 106.5  | 102.4  | 86.2   | 77.6   | 46.3   | 31.7   | 21.2   | 18.0   | 16.4   | 15.1   |
| 87.5° | 3.8    | 3.1    | 2.6    | 2.6    | 2.8    | 3.1    | 2.6    | 2.8    | 2.6    | 2.6    | 2.6    |
| 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):**

|       | 87°    | 88°    | 89°    | 90°    | 95°    | 105°   | 115°  | 125°  | 135°  | 145°  | 155°  |
|-------|--------|--------|--------|--------|--------|--------|-------|-------|-------|-------|-------|
| 0°    | 235.3  | 235.3  | 235.3  | 235.3  | 235.3  | 235.3  | 235.3 | 235.3 | 235.3 | 235.3 | 235.3 |
| 2.5°  | 236.0  | 236.0  | 236.0  | 235.7  | 235.3  | 234.0  | 232.7 | 231.6 | 230.9 | 230.1 | 229.1 |
| 5°    | 240.7  | 240.1  | 240.1  | 240.1  | 238.0  | 236.0  | 234.2 | 232.5 | 230.9 | 229.6 | 228.6 |
| 7.5°  | 248.3  | 248.0  | 247.0  | 246.8  | 245.2  | 241.9  | 239.8 | 236.7 | 235.0 | 233.2 | 232.7 |
| 10°   | 257.5  | 257.3  | 257.0  | 256.7  | 254.7  | 251.4  | 248.8 | 246.0 | 243.4 | 240.8 | 238.3 |
| 12.5° | 268.3  | 268.0  | 267.7  | 267.0  | 266.2  | 264.5  | 261.6 | 258.5 | 255.4 | 250.0 | 247.3 |
| 15°   | 281.6  | 282.0  | 281.6  | 281.3  | 280.8  | 281.0  | 279.3 | 274.9 | 270.0 | 263.2 | 257.3 |
| 17.5° | 299.3  | 298.7  | 298.5  | 299.5  | 299.3  | 300.6  | 300.0 | 294.4 | 287.0 | 275.9 | 265.7 |
| 20°   | 318.7  | 318.7  | 319.7  | 320.5  | 322.8  | 326.1  | 324.6 | 317.7 | 304.1 | 288.7 | 275.4 |
| 22.5° | 342.0  | 342.5  | 343.5  | 343.0  | 346.6  | 352.0  | 352.5 | 342.8 | 325.1 | 303.8 | 285.1 |
| 25°   | 366.3  | 366.8  | 365.8  | 367.4  | 373.2  | 380.9  | 382.4 | 368.7 | 345.3 | 317.7 | 293.4 |
| 27.5° | 389.3  | 389.9  | 389.9  | 391.9  | 397.5  | 410.6  | 412.1 | 396.7 | 365.8 | 329.7 | 299.3 |
| 30°   | 411.9  | 414.0  | 414.4  | 415.0  | 423.4  | 441.6  | 444.9 | 422.6 | 383.7 | 338.7 | 303.4 |
| 32.5° | 440.3  | 441.0  | 442.0  | 443.4  | 453.1  | 475.4  | 475.4 | 444.9 | 395.3 | 344.3 | 304.1 |
| 35°   | 470.7  | 471.0  | 473.3  | 473.6  | 487.4  | 509.7  | 505.3 | 463.4 | 403.4 | 343.0 | 298.5 |
| 37.5° | 489.2  | 490.2  | 492.5  | 495.5  | 510.1  | 541.7  | 531.6 | 479.2 | 404.9 | 334.6 | 285.7 |
| 40°   | 511.9  | 514.0  | 516.3  | 519.4  | 541.1  | 574.1  | 554.0 | 489.2 | 398.5 | 318.0 | 266.5 |
| 42.5° | 536.6  | 539.4  | 542.9  | 548.6  | 574.4  | 602.8  | 570.8 | 490.7 | 384.0 | 299.3 | 243.7 |
| 45°   | 564.2  | 569.3  | 573.4  | 580.0  | 609.2  | 627.6  | 581.0 | 481.8 | 365.5 | 274.7 | 219.4 |
| 47.5° | 596.2  | 600.3  | 607.4  | 614.6  | 643.8  | 644.6  | 582.1 | 464.4 | 340.5 | 250.0 | 193.5 |
| 50°   | 635.6  | 638.1  | 648.9  | 653.2  | 680.7  | 662.2  | 574.7 | 440.8 | 314.0 | 222.4 | 164.8 |
| 52.5° | 688.1  | 691.6  | 705.5  | 712.1  | 731.6  | 686.2  | 564.2 | 415.2 | 283.9 | 191.4 | 135.4 |
| 55°   | 791.7  | 807.4  | 817.1  | 828.6  | 841.1  | 740.8  | 559.5 | 387.8 | 249.9 | 155.6 | 107.3 |
| 57.5° | 1082.8 | 1077.7 | 1099.2 | 1125.3 | 1125.0 | 865.5  | 587.3 | 364.3 | 209.7 | 119.1 | 82.4  |
| 60°   | 1516.4 | 1521.3 | 1510.2 | 1525.9 | 1476.2 | 1020.1 | 625.1 | 339.4 | 164.4 | 88.6  | 63.0  |
| 62.5° | 1838.7 | 1810.5 | 1794.9 | 1776.5 | 1667.2 | 1036.9 | 597.5 | 288.5 | 119.5 | 62.2  | 48.4  |
| 65°   | 1915.0 | 1882.0 | 1848.4 | 1813.3 | 1648.5 | 934.8  | 490.2 | 211.7 | 77.3  | 42.8  | 38.4  |
| 67.5° | 1839.7 | 1786.7 | 1744.0 | 1707.9 | 1510.5 | 774.9  | 358.3 | 130.0 | 44.3  | 34.5  | 32.7  |
| 70°   | 1644.7 | 1586.1 | 1516.9 | 1476.5 | 1271.9 | 571.1  | 229.6 | 70.1  | 34.0  | 30.7  | 30.0  |
| 72.5° | 1203.8 | 1155.7 | 1080.2 | 1033.9 | 913.3  | 347.1  | 128.3 | 39.4  | 31.7  | 29.4  | 28.4  |
| 75°   | 468.9  | 443.9  | 412.4  | 415.0  | 370.4  | 153.6  | 58.1  | 34.0  | 31.0  | 28.9  | 27.9  |
| 77.5° | 80.7   | 78.6   | 72.7   | 72.7   | 82.7   | 56.1   | 38.7  | 34.3  | 30.7  | 28.4  | 26.6  |
| 80°   | 48.4   | 47.3   | 45.0   | 44.6   | 43.0   | 39.4   | 37.1  | 34.8  | 30.2  | 26.9  | 24.6  |
| 82.5° | 31.7   | 30.4   | 29.7   | 29.4   | 32.0   | 34.5   | 34.8  | 34.5  | 28.7  | 23.3  | 20.0  |
| 85°   | 13.6   | 13.6   | 13.6   | 13.9   | 18.4   | 27.9   | 28.7  | 30.7  | 23.5  | 18.1  | 14.3  |
| 87.5° | 2.3    | 2.8    | 2.8    | 3.1    | 3.3    | 6.1    | 7.7   | 10.0  | 7.9   | 7.7   | 6.9   |
| 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°  | 175°  | 180°  |
|-------|-------|-------|-------|
| 0°    | 235.3 | 235.3 | 235.3 |
| 2.5°  | 228.8 | 228.4 | 228.4 |
| 5°    | 228.1 | 227.5 | 227.8 |
| 7.5°  | 231.2 | 230.1 | 230.4 |
| 10°   | 236.7 | 235.7 | 235.3 |
| 12.5° | 243.9 | 242.7 | 242.7 |
| 15°   | 251.4 | 248.3 | 248.0 |
| 17.5° | 257.5 | 253.7 | 253.1 |
| 20°   | 264.5 | 259.4 | 258.5 |
| 22.5° | 270.8 | 263.9 | 262.9 |
| 25°   | 275.4 | 267.0 | 265.7 |
| 27.5° | 277.5 | 267.5 | 266.5 |
| 30°   | 279.0 | 267.7 | 266.2 |
| 32.5° | 277.5 | 265.5 | 264.2 |
| 35°   | 269.0 | 256.0 | 255.2 |
| 37.5° | 254.4 | 239.8 | 238.8 |
| 40°   | 235.3 | 219.9 | 217.3 |
| 42.5° | 210.7 | 196.4 | 193.5 |
| 45°   | 186.9 | 170.5 | 169.2 |
| 47.5° | 161.3 | 145.7 | 146.4 |
| 50°   | 134.4 | 120.3 | 120.1 |
| 52.5° | 108.7 | 96.5  | 95.7  |
| 55°   | 85.8  | 77.0  | 76.3  |
| 57.5° | 67.8  | 63.3  | 62.4  |
| 60°   | 55.3  | 53.0  | 52.2  |
| 62.5° | 44.6  | 43.8  | 43.5  |
| 65°   | 37.1  | 37.1  | 37.1  |
| 67.5° | 32.3  | 32.5  | 32.5  |
| 70°   | 29.7  | 30.0  | 29.7  |
| 72.5° | 28.7  | 29.4  | 29.4  |
| 75°   | 27.9  | 28.4  | 27.3  |
| 77.5° | 27.3  | 27.6  | 25.9  |
| 80°   | 27.2  | 26.9  | 23.5  |
| 82.5° | 23.5  | 22.8  | 20.0  |
| 85°   | 21.5  | 16.4  | 13.9  |
| 87.5° | 11.0  | 7.7   | 5.9   |
| 90°   | 0.0   | 0.0   | 0.0   |

(END OF REPORT)