

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: McGRAW-EDISON

Report Number: P1211823

Luminaire Tested: **GKO-PB1D-735-U-T3**

Issue Date: 11/5/2025



**Test Information**

Test Method: LM-79-08  
Report Number: P1211823  
Test Lab: INNOVATION CENTER(G1)  
Issue Date: 11/5/2025  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: MCGRAW-EDISON  
Catalog Number: GKO-PB1D-735-U-T3  
Description: GEKKO WALL PACK 3500LM PACKAGE 70CRI 3500K FIXTURE w/ TYPE III DISTRIBUTION OPTIC  
Light Source: (10) 3500K CCT, 70 CRI LEDs  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

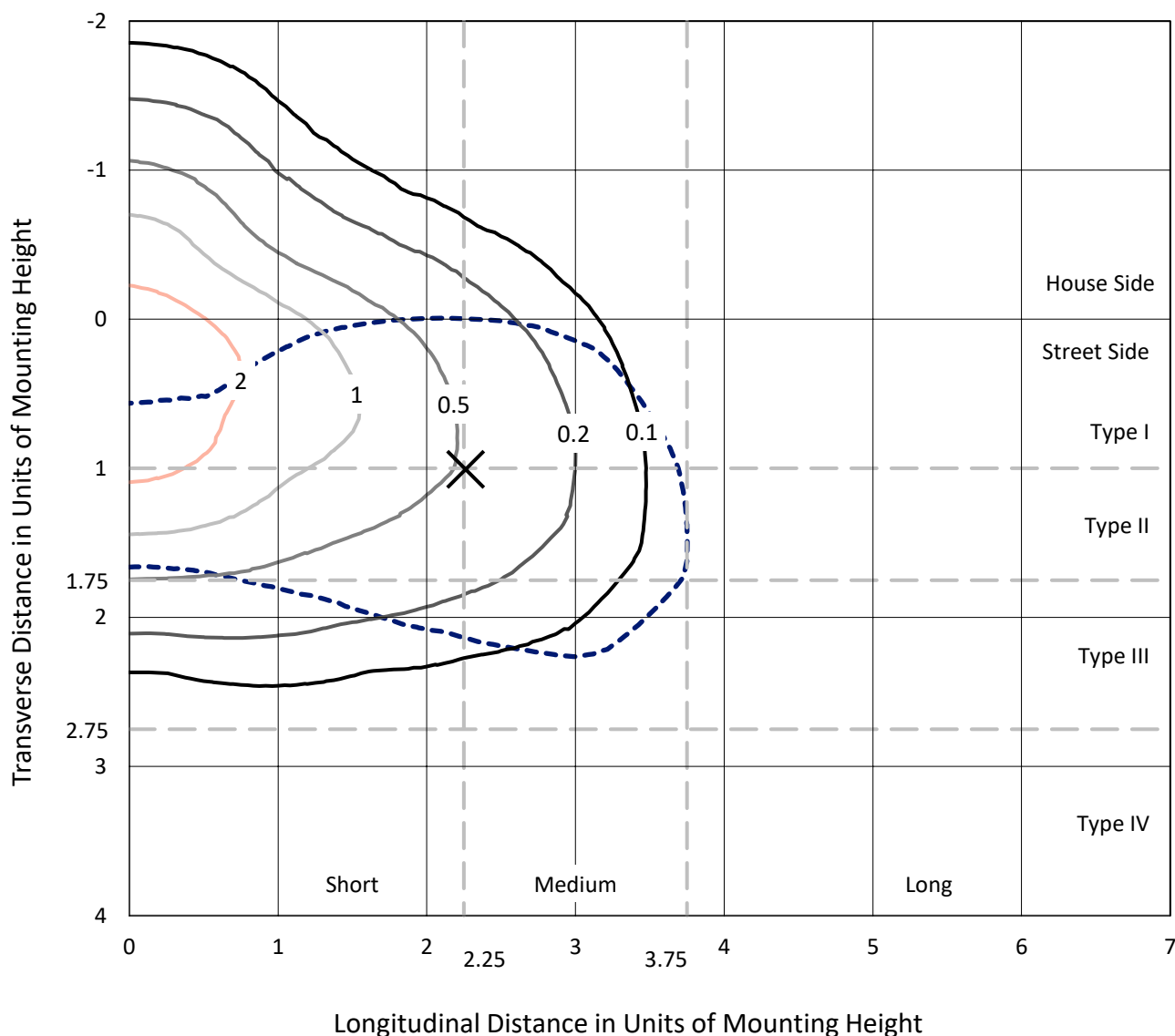
Lumens per Lamp: N/A  
Luminaire Lumens: 3485.7 lumens  
Efficiency: N/A  
Efficacy: 136.2 lumens/watt  
Luminous Opening: Rectangular (W 0.33' x L: 0.33' x H: 0')  
IES Classification: Type III - Medium  
BUG Rating: B1 - U0 - G1

Input Watts (W): 25.6  
Input Voltage (V): 120  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: 0.97  
Total Harmonic Distortion (THDi):  
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

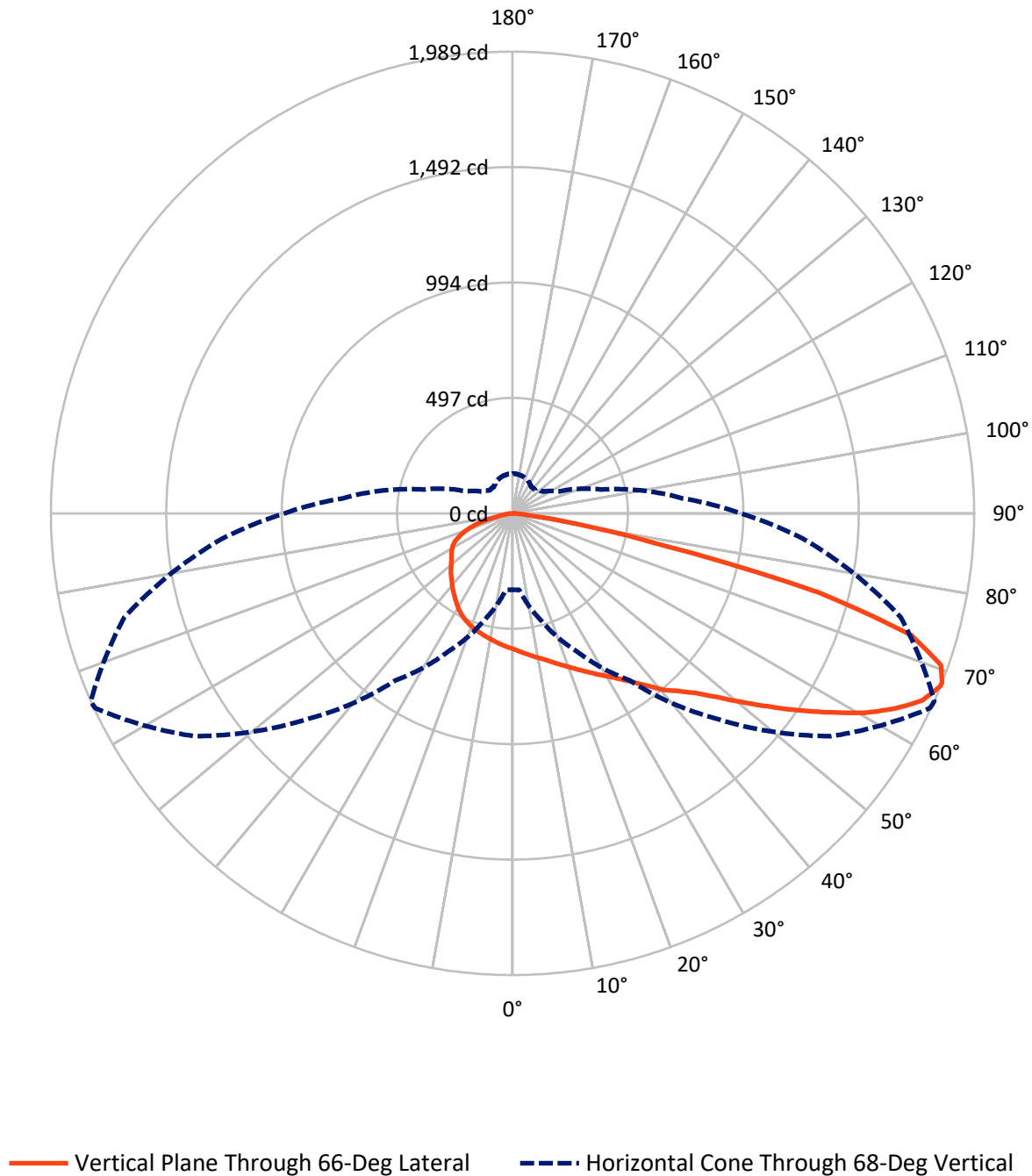
✕ Max cd  
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 3 fc  
 Type III - Medium - N/A

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## Luminous Intensity Polar Plot



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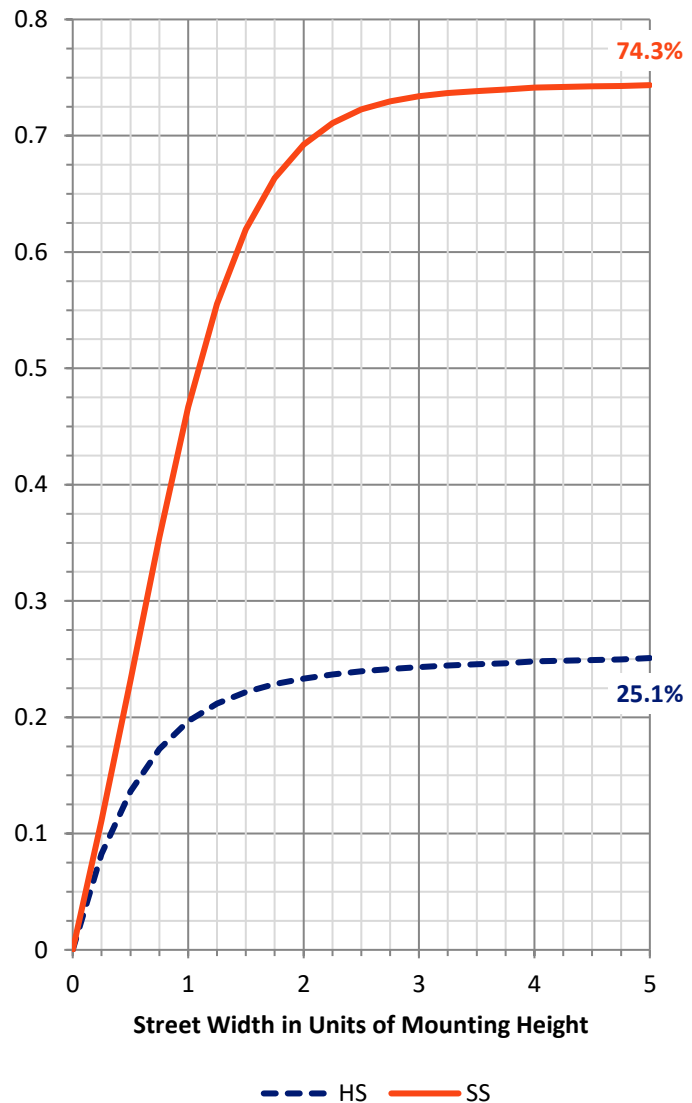
**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total  |
|--------------------|-----------|----------|--------|--------|
| <b>House Side</b>  | Lumens    | 892.4    | 0.0    | 892.4  |
|                    | % Fixture | 25.6     | 0.0    | 25.6   |
| <b>Street Side</b> | Lumens    | 2593.3   | 0.0    | 2593.3 |
|                    | % Fixture | 74.4     | 0.0    | 74.4   |
| <b>Total</b>       | Lumens    | 3485.7   | 0.0    | 3485.7 |
|                    | % Fixture | 100.0    | 0.0    | 100.0  |

**Coefficient of Utilization**

**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 56.1   | 1.6       |
| 10°-20°   | 168.6  | 4.8       |
| 20°-30°   | 290.5  | 8.3       |
| 30°-40°   | 450.6  | 12.9      |
| 40°-50°   | 617.3  | 17.7      |
| 50°-60°   | 736.4  | 21.1      |
| 60°-70°   | 737.9  | 21.2      |
| 70°-80°   | 390.5  | 11.2      |
| 80°-90°   | 37.7   | 1.1       |
| 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°    | 3485.7 | 100.0     |
| 0°-180°   | 3485.7 | 100.0     |



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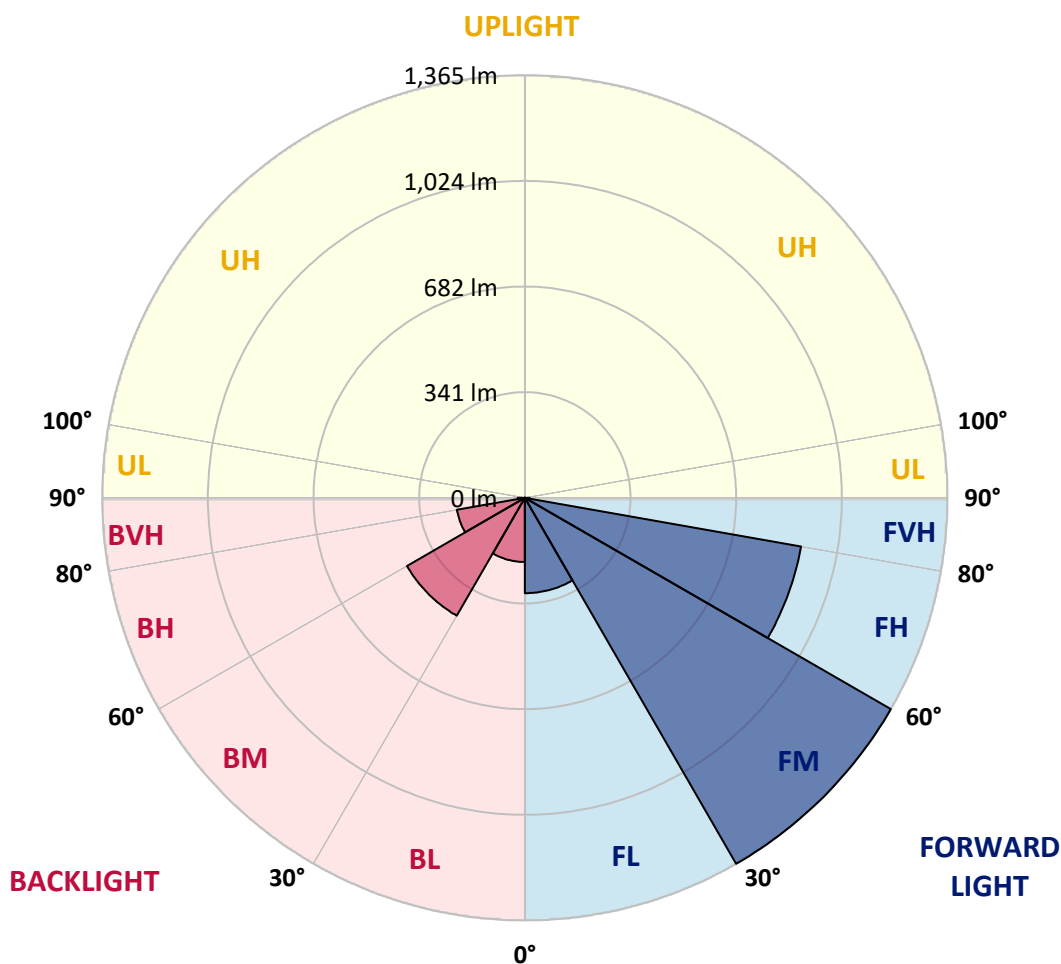
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

| Zone |             | Lumens | % Fixture | Zone Rating/Lumen Limit |      |         |
|------|-------------|--------|-----------|-------------------------|------|---------|
|      |             |        |           | B                       | U    | G       |
| FL   | (0°-30°)    | 307.9  | 8.8       |                         |      |         |
| FM   | (30°-60°)   | 1364.8 | 39.2      |                         |      |         |
| FH   | (60°-80°)   | 905.8  | 26.0      |                         |      | G1/1800 |
| FVH  | (80°-90°)   | 14.8   | 0.4       |                         |      | G1/100  |
| BL   | (0°-30°)    | 207.3  | 5.9       | B1/500                  |      |         |
| BM   | (30°-60°)   | 439.6  | 12.6      | B1/1000                 |      |         |
| BH   | (60°-80°)   | 222.7  | 6.4       | B1/500                  |      | G1/500  |
| BVH  | (80°-90°)   | 22.9   | 0.7       |                         |      | 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 III Medium



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**CANDELA DISTRIBUTION (FULL):**

|       | 0°     | 5°     | 15°    | 25°    | 35°    | 45°    | 55°    | 65°    | 66°    | 75°    | 85°    |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 584.6  | 584.6  | 584.6  | 584.6  | 584.6  | 584.6  | 584.6  | 584.6  | 584.6  | 584.6  | 584.6  |
| 2.5°  | 609.0  | 609.0  | 607.6  | 607.0  | 606.3  | 602.2  | 599.5  | 596.1  | 596.1  | 590.7  | 586.0  |
| 5°    | 630.0  | 630.6  | 627.9  | 627.9  | 625.2  | 619.8  | 614.4  | 607.6  | 607.6  | 599.5  | 590.0  |
| 7.5°  | 648.2  | 650.3  | 647.6  | 647.6  | 644.8  | 638.8  | 630.0  | 620.5  | 620.5  | 609.0  | 595.5  |
| 10°   | 665.8  | 667.2  | 665.8  | 667.2  | 663.1  | 657.7  | 647.6  | 634.7  | 634.0  | 619.8  | 600.9  |
| 12.5° | 680.0  | 681.4  | 682.1  | 684.1  | 680.7  | 676.6  | 667.2  | 650.9  | 648.9  | 632.0  | 607.6  |
| 15°   | 693.6  | 694.9  | 696.9  | 699.7  | 699.0  | 695.6  | 686.8  | 668.5  | 667.2  | 645.5  | 616.4  |
| 17.5° | 704.4  | 705.1  | 709.1  | 714.5  | 715.9  | 716.6  | 707.1  | 688.2  | 686.8  | 661.1  | 625.9  |
| 20°   | 720.0  | 721.3  | 725.4  | 730.8  | 734.8  | 737.5  | 730.1  | 709.1  | 707.8  | 679.4  | 638.1  |
| 22.5° | 755.1  | 753.1  | 755.1  | 755.1  | 757.2  | 761.2  | 755.8  | 734.8  | 732.1  | 701.0  | 653.0  |
| 25°   | 821.5  | 819.4  | 814.0  | 801.8  | 788.3  | 787.6  | 781.5  | 761.2  | 757.8  | 723.3  | 667.2  |
| 27.5° | 914.2  | 909.4  | 899.3  | 873.6  | 841.1  | 820.1  | 810.6  | 789.6  | 785.6  | 745.7  | 680.7  |
| 30°   | 1012.3 | 1017.7 | 1000.8 | 965.6  | 906.0  | 861.4  | 843.1  | 819.4  | 816.0  | 770.7  | 696.9  |
| 32.5° | 1126.6 | 1127.3 | 1110.4 | 1061.7 | 984.5  | 913.5  | 882.3  | 853.3  | 850.5  | 799.8  | 718.6  |
| 35°   | 1192.9 | 1195.6 | 1188.2 | 1142.9 | 1054.9 | 971.0  | 929.7  | 894.5  | 892.5  | 836.3  | 745.7  |
| 37.5° | 1261.9 | 1268.0 | 1256.5 | 1206.5 | 1108.4 | 1024.4 | 982.5  | 943.9  | 941.9  | 878.3  | 779.5  |
| 40°   | 1364.1 | 1361.4 | 1349.2 | 1275.5 | 1158.4 | 1069.1 | 1034.6 | 1004.1 | 999.4  | 929.7  | 814.0  |
| 42.5° | 1437.9 | 1444.6 | 1418.3 | 1335.0 | 1213.2 | 1113.8 | 1086.7 | 1052.2 | 1046.1 | 960.8  | 834.3  |
| 45°   | 1462.9 | 1456.8 | 1427.7 | 1366.8 | 1285.0 | 1154.4 | 1136.1 | 1109.7 | 1103.6 | 1015.6 | 874.2  |
| 47.5° | 1468.3 | 1457.5 | 1431.8 | 1385.8 | 1345.9 | 1207.1 | 1196.3 | 1190.2 | 1181.4 | 1084.7 | 922.3  |
| 50°   | 1435.2 | 1427.7 | 1415.5 | 1392.5 | 1385.1 | 1256.5 | 1261.9 | 1284.3 | 1276.8 | 1159.1 | 975.7  |
| 52.5° | 1360.1 | 1356.7 | 1367.5 | 1382.4 | 1362.8 | 1299.2 | 1339.8 | 1385.1 | 1382.4 | 1241.0 | 1033.2 |
| 55°   | 1218.6 | 1218.6 | 1279.5 | 1331.6 | 1343.1 | 1326.9 | 1423.7 | 1501.5 | 1498.1 | 1333.0 | 1088.1 |
| 57.5° | 1089.4 | 1091.4 | 1142.2 | 1259.2 | 1308.0 | 1356.7 | 1517.0 | 1623.3 | 1617.9 | 1436.5 | 1145.6 |
| 60°   | 926.3  | 926.3  | 1003.5 | 1150.3 | 1257.2 | 1379.7 | 1599.6 | 1741.0 | 1744.4 | 1536.7 | 1202.4 |
| 62.5° | 733.5  | 735.5  | 842.4  | 1015.0 | 1184.1 | 1383.7 | 1665.2 | 1852.0 | 1851.3 | 1627.3 | 1246.4 |
| 65°   | 540.6  | 541.3  | 686.8  | 864.8  | 1074.5 | 1355.3 | 1701.1 | 1937.2 | 1941.3 | 1699.1 | 1272.1 |
| 67.5° | 351.2  | 357.9  | 505.5  | 701.7  | 919.6  | 1274.8 | 1682.1 | 1982.6 | 1987.3 | 1732.2 | 1264.0 |
| 68°   | 328.9  | 330.2  | 478.4  | 657.0  | 877.6  | 1254.5 | 1673.4 | 1984.6 | 1988.7 | 1731.5 | 1255.9 |
| 70°   | 213.1  | 213.1  | 342.4  | 512.9  | 700.3  | 1128.0 | 1596.9 | 1952.8 | 1957.5 | 1701.8 | 1197.0 |
| 72.5° | 115.0  | 117.1  | 195.6  | 310.6  | 478.4  | 872.9  | 1441.3 | 1787.0 | 1795.1 | 1538.7 | 1046.8 |
| 75°   | 80.5   | 81.9   | 113.7  | 173.9  | 260.5  | 568.4  | 1126.6 | 1365.5 | 1364.1 | 1063.0 | 655.7  |
| 77.5° | 58.2   | 58.2   | 65.0   | 108.3  | 136.7  | 259.8  | 557.6  | 657.7  | 650.3  | 519.0  | 330.9  |
| 80°   | 37.9   | 37.9   | 40.6   | 56.8   | 65.6   | 79.2   | 170.5  | 284.9  | 290.3  | 253.1  | 165.1  |
| 82.5° | 15.6   | 16.2   | 17.6   | 23.0   | 23.7   | 33.2   | 48.7   | 81.9   | 79.2   | 64.3   | 46.7   |
| 85°   | 2.0    | 2.0    | 2.7    | 3.4    | 4.1    | 7.4    | 6.8    | 6.8    | 6.8    | 8.1    | 7.4    |
| 87.5° | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.7    | 1.4    | 2.0    | 2.0    | 2.7    | 2.0    |
| 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):**

|       | 90°    | 95°   | 105°  | 115°  | 125°  | 135°  | 145°  | 155°  | 165°  | 175°  | 180°  |
|-------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°    | 584.6  | 584.6 | 584.6 | 584.6 | 584.6 | 584.6 | 584.6 | 584.6 | 584.6 | 584.6 | 584.6 |
| 2.5°  | 584.6  | 584.6 | 580.6 | 576.5 | 572.4 | 569.1 | 564.3 | 560.9 | 561.6 | 563.6 | 563.0 |
| 5°    | 588.0  | 584.6 | 576.5 | 567.7 | 560.9 | 554.9 | 546.1 | 541.3 | 540.6 | 542.0 | 541.3 |
| 7.5°  | 590.0  | 584.6 | 572.4 | 558.9 | 548.1 | 540.0 | 527.8 | 523.0 | 521.0 | 521.7 | 521.7 |
| 10°   | 594.1  | 585.3 | 568.4 | 549.4 | 535.9 | 524.4 | 511.5 | 504.8 | 502.8 | 502.8 | 502.1 |
| 12.5° | 598.8  | 586.7 | 564.3 | 541.3 | 523.7 | 510.2 | 495.3 | 487.9 | 485.8 | 485.8 | 485.2 |
| 15°   | 603.6  | 588.7 | 560.3 | 532.5 | 512.2 | 496.0 | 481.8 | 473.0 | 470.3 | 470.3 | 471.6 |
| 17.5° | 609.7  | 590.7 | 556.2 | 524.4 | 500.0 | 481.8 | 466.9 | 458.1 | 454.7 | 456.7 | 458.1 |
| 20°   | 615.8  | 594.8 | 552.1 | 515.6 | 487.9 | 468.9 | 454.0 | 445.2 | 441.9 | 445.2 | 445.9 |
| 22.5° | 624.5  | 598.2 | 547.4 | 505.5 | 475.7 | 454.7 | 441.2 | 433.1 | 431.0 | 434.4 | 437.1 |
| 25°   | 633.3  | 602.2 | 541.3 | 494.6 | 460.1 | 439.8 | 429.0 | 422.9 | 423.6 | 428.3 | 431.0 |
| 27.5° | 642.8  | 605.6 | 535.2 | 481.1 | 443.2 | 424.3 | 416.1 | 414.8 | 417.5 | 422.9 | 426.3 |
| 30°   | 654.3  | 610.3 | 527.1 | 465.5 | 424.3 | 407.3 | 404.0 | 408.0 | 412.8 | 418.2 | 421.6 |
| 32.5° | 669.2  | 616.4 | 519.0 | 447.9 | 404.6 | 389.1 | 394.5 | 403.3 | 408.7 | 414.1 | 417.5 |
| 35°   | 690.2  | 628.6 | 514.3 | 430.3 | 383.7 | 373.5 | 385.7 | 399.9 | 404.0 | 407.3 | 411.4 |
| 37.5° | 714.5  | 644.8 | 512.2 | 414.1 | 364.7 | 360.0 | 376.9 | 393.8 | 395.2 | 396.5 | 400.6 |
| 40°   | 738.2  | 657.0 | 506.8 | 396.5 | 345.1 | 345.1 | 366.1 | 382.3 | 381.6 | 379.6 | 382.3 |
| 42.5° | 747.7  | 655.7 | 491.2 | 379.6 | 329.5 | 330.2 | 349.2 | 364.7 | 360.7 | 360.7 | 364.7 |
| 45°   | 774.8  | 666.5 | 479.7 | 366.1 | 315.3 | 312.6 | 327.5 | 339.7 | 346.4 | 355.2 | 359.3 |
| 47.5° | 809.3  | 681.4 | 470.9 | 350.5 | 301.8 | 293.0 | 301.1 | 321.4 | 332.9 | 342.4 | 345.8 |
| 50°   | 845.1  | 698.3 | 462.8 | 334.3 | 288.3 | 270.7 | 274.7 | 297.0 | 307.2 | 311.9 | 314.0 |
| 52.5° | 881.7  | 713.9 | 456.7 | 320.7 | 272.7 | 244.3 | 253.1 | 274.0 | 281.5 | 284.2 | 285.5 |
| 55°   | 914.2  | 726.7 | 451.3 | 309.2 | 255.1 | 223.3 | 230.1 | 251.7 | 257.1 | 259.8 | 261.9 |
| 57.5° | 948.7  | 740.9 | 447.9 | 298.4 | 235.5 | 205.0 | 209.8 | 229.4 | 236.8 | 239.5 | 241.6 |
| 60°   | 979.1  | 754.5 | 445.2 | 286.9 | 217.2 | 188.8 | 191.5 | 210.4 | 218.6 | 219.9 | 221.9 |
| 62.5° | 999.4  | 763.3 | 441.2 | 272.7 | 200.3 | 173.2 | 173.9 | 192.2 | 201.0 | 202.3 | 203.7 |
| 65°   | 1004.8 | 761.2 | 429.0 | 253.7 | 183.4 | 157.7 | 157.7 | 175.3 | 184.7 | 189.5 | 191.5 |
| 67.5° | 988.6  | 744.3 | 403.3 | 229.4 | 167.1 | 143.4 | 143.4 | 159.0 | 169.2 | 174.6 | 176.6 |
| 68°   | 983.2  | 736.9 | 395.2 | 223.3 | 163.1 | 140.1 | 140.1 | 156.3 | 165.8 | 170.5 | 171.9 |
| 70°   | 937.2  | 700.3 | 357.9 | 200.3 | 150.2 | 129.9 | 129.9 | 144.1 | 154.3 | 154.3 | 153.6 |
| 72.5° | 814.0  | 607.0 | 294.3 | 167.8 | 131.3 | 115.0 | 117.1 | 130.6 | 134.0 | 137.4 | 136.7 |
| 75°   | 504.1  | 363.4 | 197.6 | 132.6 | 110.3 | 100.8 | 104.9 | 117.1 | 119.1 | 126.5 | 124.5 |
| 77.5° | 252.4  | 178.0 | 104.9 | 77.1  | 85.3  | 86.6  | 94.1  | 102.9 | 108.9 | 117.1 | 111.6 |
| 80°   | 124.5  | 86.6  | 61.6  | 48.0  | 50.1  | 63.6  | 81.9  | 88.6  | 99.5  | 104.9 | 100.1 |
| 82.5° | 34.5   | 26.4  | 25.0  | 26.4  | 37.2  | 49.4  | 64.3  | 78.5  | 92.7  | 97.4  | 90.7  |
| 85°   | 6.1    | 4.7   | 4.1   | 12.9  | 25.7  | 36.5  | 52.1  | 69.7  | 83.2  | 79.8  | 75.1  |
| 87.5° | 2.0    | 1.4   | 1.4   | 8.1   | 18.9  | 29.8  | 44.7  | 62.3  | 71.0  | 64.3  | 57.5  |
| 90°   | 0.0    | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |

(END OF REPORT)