

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: P945512

Luminaire Tested: **GALN-SB1B-940-U-SLL**

Issue Date: 1/21/2025

**Test Information**

Test Method: LM-79-08  
Report Number: P945512  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2411-289-8)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/21/2025  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: MCGRAW-EDISON  
Catalog Number: GALN-SB1B-940-U-SLL  
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE  
(1) 90 CRI, 4000K, 450mA LIGHTSQUARE WITH 26 LEDS AND SPILL LIGHT  
ELIMINATOR LEFT OPTICS  
Light Source: -  
Ballast/Driver: -

**Summary**

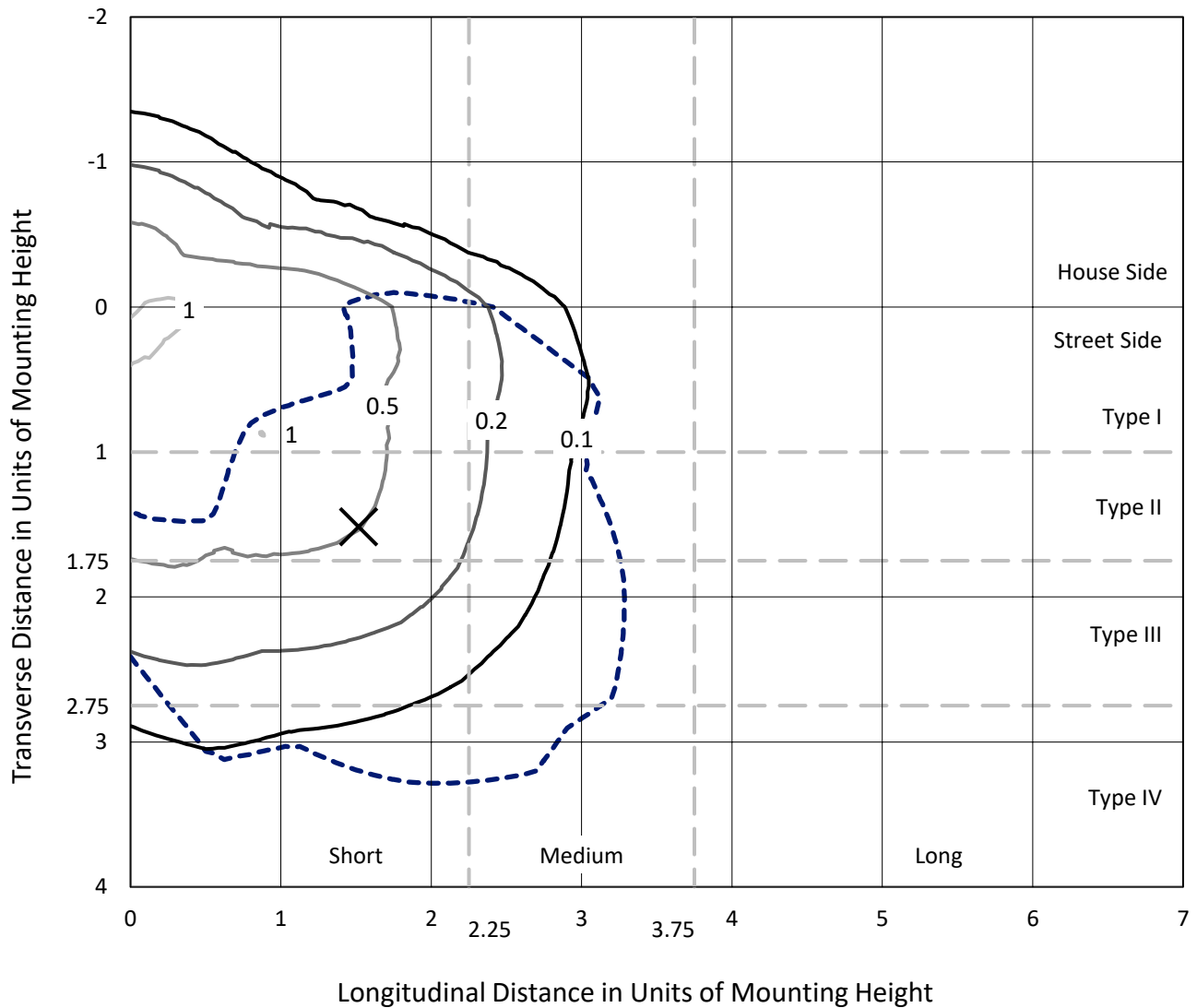
Lumens per Lamp: N/A  
Luminaire Lumens: 4067 lumens  
Efficiency: N/A  
Efficacy: 102.2 lumens/watt  
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')  
IES Classification: Type IV - Short  
BUG Rating: B1 - U0 - G2  
  
Input Watts (W): 39.8  
Input Voltage (V): NR  
Input Current (Ain): NR  
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: 24 FT



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### Iso-Footcandle Lines of Horizontal Illumination

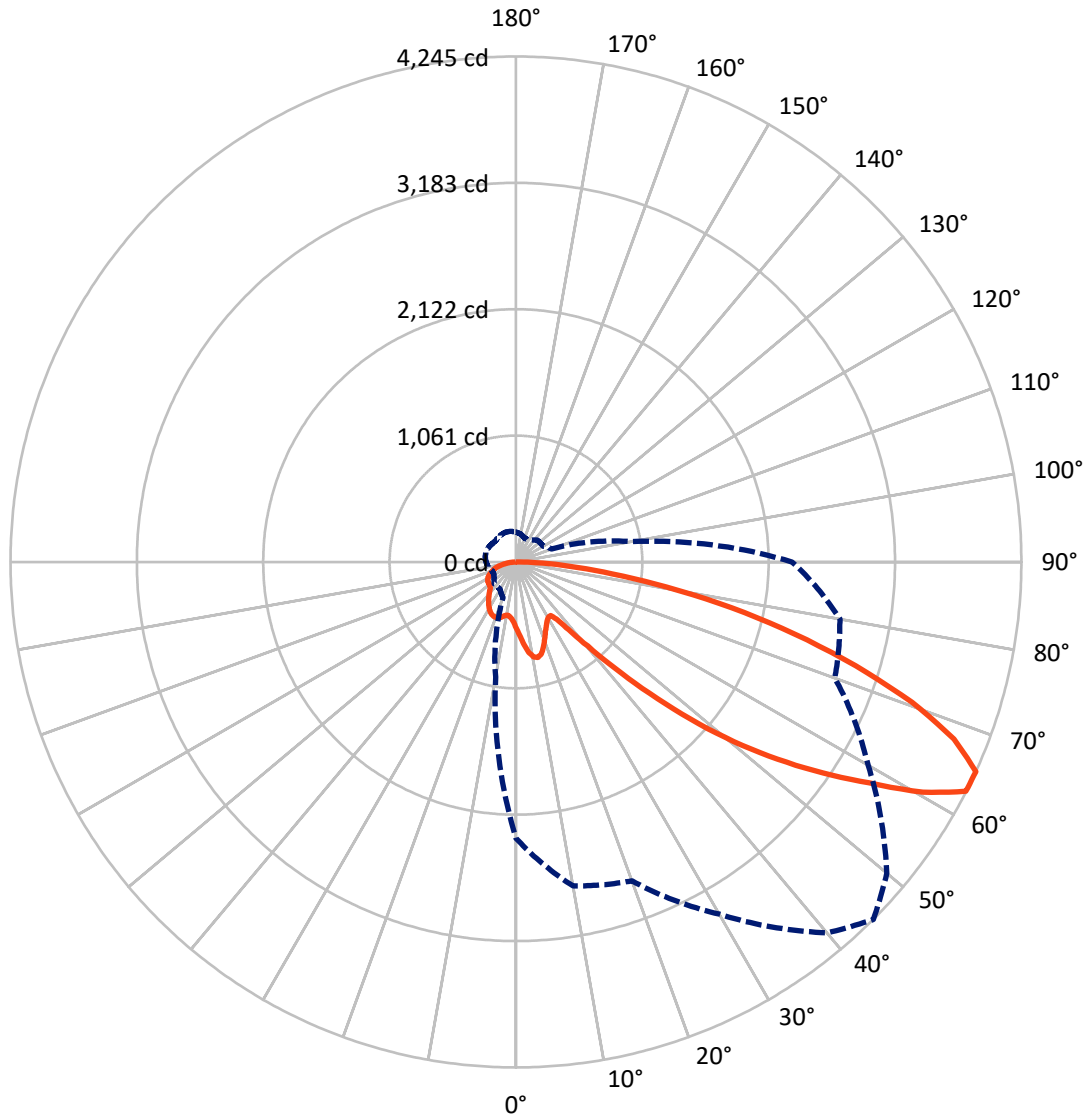
✕ Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 1.2 fc  
 Type IV - Short - N/A

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### Luminous Intensity Polar Plot



— Vertical Plane Through 45-Deg Lateral      - - - Horizontal Cone Through 65-Deg Vertical

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**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total  |
|--------------------|-----------|----------|--------|--------|
| <b>House Side</b>  | Lumens    | 1033.6   | 0.0    | 1033.6 |
|                    | % Fixture | 25.4     | 0.0    | 25.4   |
| <b>Street Side</b> | Lumens    | 3033.4   | 0.0    | 3033.4 |
|                    | % Fixture | 74.6     | 0.0    | 74.6   |
| <b>Total</b>       | Lumens    | 4067.0   | 0.0    | 4067.0 |
|                    | % Fixture | 100.0    | 0.0    | 100.0  |

**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 55.5   | 1.4       |
| 10°-20°   | 174.2  | 4.3       |
| 20°-30°   | 269.0  | 6.6       |
| 30°-40°   | 340.9  | 8.4       |
| 40°-50°   | 514.2  | 12.6      |
| 50°-60°   | 830.7  | 20.4      |
| 60°-70°   | 1035.6 | 25.5      |
| 70°-80°   | 679.1  | 16.7      |
| 80°-90°   | 167.9  | 4.1       |
| 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°    | 4067.0 | 100.0     |
| 0°-180°   | 4067.0 | 100.0     |

**Coefficient of Utilization**



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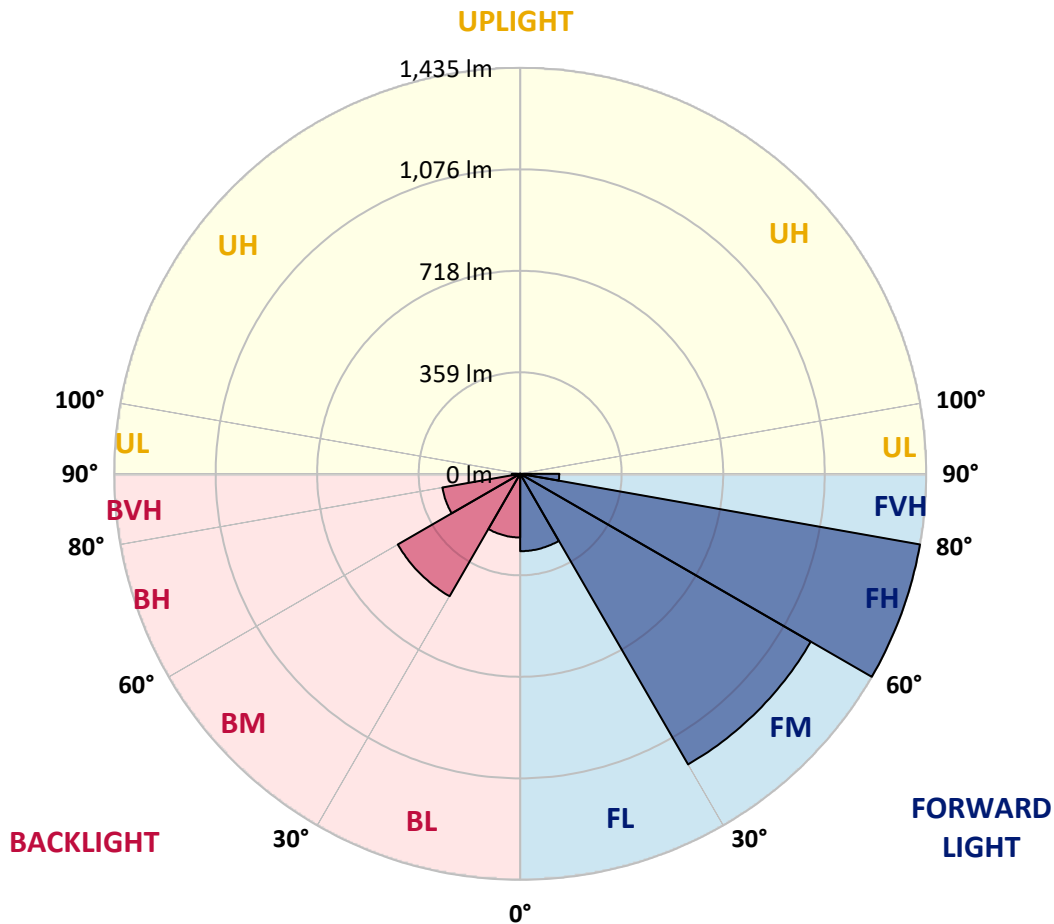
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

| Zone           | Lumens | % Fixture | Zone Rating/Lumen Limit |      |         |
|----------------|--------|-----------|-------------------------|------|---------|
|                |        |           | B                       | U    | G       |
| FL (0°-30°)    | 273.6  | 6.7       |                         |      |         |
| FM (30°-60°)   | 1186.3 | 29.2      |                         |      |         |
| FH (60°-80°)   | 1435.3 | 35.3      |                         |      | G1/1800 |
| FVH (80°-90°)  | 138.3  | 3.4       |                         |      | G2/225  |
| BL (0°-30°)    | 225.1  | 5.5       | B1/500                  |      |         |
| BM (30°-60°)   | 499.5  | 12.3      | B1/1000                 |      |         |
| BH (60°-80°)   | 279.4  | 6.9       | B1/500                  |      | G1/500  |
| BVH (80°-90°)  | 29.6   | 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-G2**

Type IV Short



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**CANDELA DISTRIBUTION (FULL):**

|       | 0°     | 5°     | 10°    | 15°    | 20°    | 25°    | 30°    | 35°    | 40°    | 45°    |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 559.2  | 559.2  | 559.2  | 559.2  | 559.2  | 559.2  | 559.2  | 559.2  | 559.2  | 559.2  |
| 2.5°  | 601.4  | 603.7  | 606.0  | 609.2  | 612.5  | 614.4  | 616.3  | 617.3  | 618.3  | 617.8  |
| 5°    | 646.7  | 654.7  | 662.6  | 670.5  | 678.5  | 682.7  | 687.0  | 689.6  | 692.3  | 694.2  |
| 7.5°  | 692.2  | 705.2  | 718.1  | 729.7  | 741.4  | 748.4  | 755.4  | 759.2  | 763.0  | 764.8  |
| 10°   | 727.1  | 742.4  | 757.7  | 771.4  | 785.0  | 793.3  | 801.6  | 805.3  | 808.9  | 810.3  |
| 12.5° | 748.4  | 765.0  | 781.6  | 794.0  | 806.3  | 812.3  | 818.3  | 820.3  | 822.3  | 822.6  |
| 15°   | 761.4  | 775.7  | 790.0  | 797.8  | 805.6  | 805.8  | 806.0  | 803.8  | 801.7  | 799.2  |
| 17.5° | 768.7  | 778.4  | 788.1  | 788.2  | 788.3  | 779.6  | 771.0  | 763.0  | 755.0  | 749.4  |
| 20°   | 776.7  | 780.1  | 783.5  | 773.3  | 763.1  | 743.9  | 724.7  | 710.8  | 696.8  | 688.2  |
| 22.5° | 786.1  | 781.7  | 777.2  | 756.1  | 735.0  | 706.8  | 678.6  | 661.1  | 643.6  | 634.1  |
| 25°   | 798.1  | 784.1  | 770.2  | 738.1  | 706.1  | 671.8  | 637.5  | 619.2  | 600.8  | 591.9  |
| 27.5° | 814.4  | 789.5  | 764.5  | 722.0  | 679.6  | 641.6  | 603.6  | 585.6  | 567.5  | 559.0  |
| 30°   | 836.4  | 799.2  | 762.0  | 709.8  | 657.5  | 617.9  | 578.3  | 561.6  | 544.8  | 536.9  |
| 32.5° | 862.4  | 811.4  | 760.5  | 701.4  | 642.3  | 605.1  | 567.9  | 554.7  | 541.5  | 535.9  |
| 35°   | 893.9  | 831.6  | 769.3  | 707.7  | 646.1  | 620.2  | 594.4  | 591.3  | 588.3  | 587.8  |
| 37.5° | 947.0  | 873.7  | 800.4  | 744.4  | 688.4  | 686.7  | 685.0  | 699.1  | 713.1  | 720.4  |
| 40°   | 1027.3 | 947.6  | 867.8  | 826.2  | 784.5  | 813.9  | 843.3  | 877.5  | 911.6  | 928.6  |
| 42.5° | 1133.7 | 1054.6 | 975.5  | 951.5  | 927.5  | 991.7  | 1055.8 | 1117.9 | 1179.9 | 1216.4 |
| 45°   | 1265.2 | 1194.1 | 1123.0 | 1112.5 | 1101.9 | 1204.6 | 1307.3 | 1409.3 | 1511.3 | 1573.2 |
| 47.5° | 1429.6 | 1360.4 | 1291.3 | 1289.1 | 1287.0 | 1435.2 | 1583.4 | 1732.7 | 1881.9 | 1969.6 |
| 50°   | 1645.0 | 1559.6 | 1474.3 | 1474.6 | 1475.0 | 1666.0 | 1857.0 | 2054.0 | 2251.1 | 2370.3 |
| 52.5° | 1892.3 | 1788.9 | 1685.6 | 1675.1 | 1664.7 | 1892.8 | 2120.9 | 2364.8 | 2608.6 | 2751.4 |
| 55°   | 2155.7 | 2053.5 | 1951.4 | 1910.6 | 1869.9 | 2123.8 | 2377.7 | 2668.3 | 2959.0 | 3128.9 |
| 57.5° | 2395.2 | 2339.5 | 2283.9 | 2202.1 | 2120.4 | 2376.8 | 2633.2 | 2962.4 | 3291.6 | 3502.3 |
| 60°   | 2539.9 | 2626.3 | 2712.7 | 2611.2 | 2509.7 | 2752.3 | 2995.0 | 3347.5 | 3700.0 | 3927.6 |
| 62.5° | 2466.4 | 2702.5 | 2938.6 | 2927.1 | 2915.7 | 3137.9 | 3360.2 | 3695.6 | 4030.9 | 4241.4 |
| 65°   | 2319.3 | 2540.9 | 2762.4 | 2806.3 | 2850.1 | 3132.6 | 3415.0 | 3740.2 | 4065.4 | 4244.6 |
| 67.5° | 2122.2 | 2332.9 | 2543.7 | 2564.2 | 2584.7 | 2879.1 | 3173.3 | 3499.9 | 3826.5 | 3966.9 |
| 70°   | 1885.4 | 2114.6 | 2343.8 | 2353.0 | 2362.2 | 2625.4 | 2888.6 | 3169.6 | 3450.7 | 3528.7 |
| 72.5° | 1603.2 | 1866.2 | 2129.3 | 2135.9 | 2142.5 | 2348.4 | 2554.3 | 2764.8 | 2975.3 | 2983.2 |
| 75°   | 1246.2 | 1518.4 | 1790.7 | 1815.1 | 1839.6 | 1999.7 | 2159.9 | 2308.1 | 2456.3 | 2416.6 |
| 77.5° | 890.4  | 1144.5 | 1398.7 | 1433.6 | 1468.6 | 1590.4 | 1712.2 | 1817.3 | 1922.4 | 1854.1 |
| 80°   | 582.7  | 796.6  | 1010.3 | 1053.8 | 1097.3 | 1189.3 | 1281.2 | 1336.4 | 1391.6 | 1281.8 |
| 82.5° | 338.7  | 484.9  | 631.1  | 679.7  | 728.2  | 791.6  | 854.9  | 877.9  | 900.9  | 814.6  |
| 85°   | 149.0  | 226.6  | 304.2  | 345.5  | 386.8  | 438.8  | 490.8  | 503.9  | 517.0  | 447.9  |
| 87.5° | 46.1   | 72.2   | 98.3   | 121.3  | 144.4  | 170.4  | 196.4  | 197.5  | 198.6  | 166.7  |
| 90°   | 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):**

| 50°    |       | 55°    | 60°    | 65°    | 70°    | 75°    | 80°    | 85°    | 90°    | 95°    | 100°   |
|--------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 559.2  | 0°    | 559.2  | 559.2  | 559.2  | 559.2  | 559.2  | 559.2  | 559.2  | 559.2  | 559.2  | 559.2  |
| 618.3  | 2.5°  | 617.3  | 616.3  | 614.4  | 612.5  | 609.2  | 606.0  | 603.7  | 601.4  | 596.8  | 592.2  |
| 692.3  | 5°    | 689.6  | 687.0  | 682.7  | 678.5  | 670.5  | 662.6  | 654.7  | 646.7  | 636.5  | 626.3  |
| 763.0  | 7.5°  | 759.2  | 755.4  | 748.4  | 741.4  | 729.7  | 718.1  | 705.2  | 692.2  | 675.4  | 658.6  |
| 808.9  | 10°   | 805.3  | 801.6  | 793.3  | 785.0  | 771.4  | 757.7  | 742.4  | 727.1  | 705.8  | 684.5  |
| 822.3  | 12.5° | 820.3  | 818.3  | 812.3  | 806.3  | 794.0  | 781.6  | 765.0  | 748.4  | 725.0  | 701.7  |
| 801.7  | 15°   | 803.8  | 806.0  | 805.8  | 805.6  | 797.8  | 790.0  | 775.7  | 761.4  | 737.0  | 712.7  |
| 755.0  | 17.5° | 763.0  | 771.0  | 779.6  | 788.3  | 788.2  | 788.1  | 778.4  | 768.7  | 744.0  | 719.3  |
| 696.8  | 20°   | 710.8  | 724.7  | 743.9  | 763.1  | 773.3  | 783.5  | 780.1  | 776.7  | 751.1  | 725.4  |
| 643.6  | 22.5° | 661.1  | 678.6  | 706.8  | 735.0  | 756.1  | 777.2  | 781.7  | 786.1  | 759.9  | 733.6  |
| 600.8  | 25°   | 619.2  | 637.5  | 671.8  | 706.1  | 738.1  | 770.2  | 784.1  | 798.1  | 772.4  | 746.7  |
| 567.5  | 27.5° | 585.6  | 603.6  | 641.6  | 679.6  | 722.0  | 764.5  | 789.5  | 814.4  | 789.9  | 765.4  |
| 544.8  | 30°   | 561.6  | 578.3  | 617.9  | 657.5  | 709.8  | 762.0  | 799.2  | 836.4  | 812.7  | 789.0  |
| 541.5  | 32.5° | 554.7  | 567.9  | 605.1  | 642.3  | 701.4  | 760.5  | 811.4  | 862.4  | 838.9  | 815.5  |
| 588.3  | 35°   | 591.3  | 594.4  | 620.2  | 646.1  | 707.7  | 769.3  | 831.6  | 893.9  | 871.5  | 849.0  |
| 713.1  | 37.5° | 699.1  | 685.0  | 686.7  | 688.4  | 744.4  | 800.4  | 873.7  | 947.0  | 918.4  | 889.8  |
| 911.6  | 40°   | 877.5  | 843.3  | 813.9  | 784.5  | 826.2  | 867.8  | 947.6  | 1027.3 | 985.6  | 943.9  |
| 1179.9 | 42.5° | 1117.9 | 1055.8 | 991.7  | 927.5  | 951.5  | 975.5  | 1054.6 | 1133.7 | 1073.5 | 1013.3 |
| 1511.3 | 45°   | 1409.3 | 1307.3 | 1204.6 | 1101.9 | 1112.5 | 1123.0 | 1194.1 | 1265.2 | 1183.9 | 1102.7 |
| 1881.9 | 47.5° | 1732.7 | 1583.4 | 1435.2 | 1287.0 | 1289.1 | 1291.3 | 1360.4 | 1429.6 | 1315.2 | 1200.9 |
| 2251.1 | 50°   | 2054.0 | 1857.0 | 1666.0 | 1475.0 | 1474.6 | 1474.3 | 1559.6 | 1645.0 | 1472.7 | 1300.3 |
| 2608.6 | 52.5° | 2364.8 | 2120.9 | 1892.8 | 1664.7 | 1675.1 | 1685.6 | 1788.9 | 1892.3 | 1638.0 | 1383.7 |
| 2959.0 | 55°   | 2668.3 | 2377.7 | 2123.8 | 1869.9 | 1910.6 | 1951.4 | 2053.5 | 2155.7 | 1784.7 | 1413.7 |
| 3291.6 | 57.5° | 2962.4 | 2633.2 | 2376.8 | 2120.4 | 2202.1 | 2283.9 | 2339.5 | 2395.2 | 1888.6 | 1382.0 |
| 3700.0 | 60°   | 3347.5 | 2995.0 | 2752.3 | 2509.7 | 2611.2 | 2712.7 | 2626.3 | 2539.9 | 1914.5 | 1289.1 |
| 4030.9 | 62.5° | 3695.6 | 3360.2 | 3137.9 | 2915.7 | 2927.1 | 2938.6 | 2702.5 | 2466.4 | 1805.2 | 1144.0 |
| 4065.4 | 65°   | 3740.2 | 3415.0 | 3132.6 | 2850.1 | 2806.3 | 2762.4 | 2540.9 | 2319.3 | 1650.5 | 981.7  |
| 3826.5 | 67.5° | 3499.9 | 3173.3 | 2879.1 | 2584.7 | 2564.2 | 2543.7 | 2332.9 | 2122.2 | 1466.4 | 810.6  |
| 3450.7 | 70°   | 3169.6 | 2888.6 | 2625.4 | 2362.2 | 2353.0 | 2343.8 | 2114.6 | 1885.4 | 1265.5 | 645.6  |
| 2975.3 | 72.5° | 2764.8 | 2554.3 | 2348.4 | 2142.5 | 2135.9 | 2129.3 | 1866.2 | 1603.2 | 1047.7 | 492.3  |
| 2456.3 | 75°   | 2308.1 | 2159.9 | 1999.7 | 1839.6 | 1815.1 | 1790.7 | 1518.4 | 1246.2 | 798.1  | 350.0  |
| 1922.4 | 77.5° | 1817.3 | 1712.2 | 1590.4 | 1468.6 | 1433.6 | 1398.7 | 1144.5 | 890.4  | 558.6  | 226.8  |
| 1391.6 | 80°   | 1336.4 | 1281.2 | 1189.3 | 1097.3 | 1053.8 | 1010.3 | 796.6  | 582.7  | 359.9  | 137.0  |
| 900.9  | 82.5° | 877.9  | 854.9  | 791.6  | 728.2  | 679.7  | 631.1  | 484.9  | 338.7  | 208.3  | 77.9   |
| 517.0  | 85°   | 503.9  | 490.8  | 438.8  | 386.8  | 345.5  | 304.2  | 226.6  | 149.0  | 93.7   | 38.4   |
| 198.6  | 87.5° | 197.5  | 196.4  | 170.4  | 144.4  | 121.3  | 98.3   | 72.2   | 46.1   | 30.7   | 15.2   |
| 0.0    | 90°   | 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):**

| 105°   |       | 110°  | 115°  | 120°  | 125°  | 130°  | 135°  | 140°  | 145°  | 150°  | 155°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 559.2  | 0°    | 559.2 | 559.2 | 559.2 | 559.2 | 559.2 | 559.2 | 559.2 | 559.2 | 559.2 | 559.2 |
| 587.3  | 2.5°  | 582.4 | 577.4 | 572.5 | 567.8 | 563.1 | 558.5 | 553.4 | 549.3 | 545.2 | 541.5 |
| 616.1  | 5°    | 606.0 | 595.8 | 585.5 | 576.0 | 566.4 | 557.4 | 548.5 | 540.7 | 533.0 | 526.4 |
| 643.0  | 7.5°  | 627.5 | 612.4 | 597.2 | 583.9 | 570.6 | 558.3 | 546.8 | 536.4 | 526.1 | 517.5 |
| 664.0  | 10°   | 643.5 | 625.1 | 606.7 | 591.0 | 575.2 | 560.0 | 547.6 | 536.7 | 525.8 | 517.2 |
| 678.4  | 12.5° | 655.2 | 633.5 | 611.8 | 594.0 | 576.2 | 560.2 | 548.7 | 539.8 | 530.9 | 525.2 |
| 687.4  | 15°   | 662.2 | 637.3 | 612.3 | 591.7 | 571.0 | 553.3 | 544.1 | 539.8 | 535.6 | 536.4 |
| 691.8  | 17.5° | 664.2 | 635.3 | 606.3 | 581.5 | 556.6 | 535.9 | 530.2 | 531.7 | 533.3 | 542.6 |
| 695.1  | 20°   | 664.9 | 629.8 | 594.7 | 563.9 | 533.1 | 508.9 | 507.4 | 514.7 | 522.0 | 538.3 |
| 699.7  | 22.5° | 665.7 | 623.0 | 580.3 | 543.3 | 506.2 | 478.7 | 481.6 | 492.4 | 503.2 | 521.7 |
| 707.9  | 25°   | 669.1 | 616.4 | 563.6 | 520.2 | 476.8 | 448.6 | 456.6 | 469.0 | 481.5 | 498.1 |
| 720.8  | 27.5° | 676.2 | 611.9 | 547.7 | 499.2 | 450.7 | 425.0 | 434.7 | 446.7 | 458.7 | 472.4 |
| 737.5  | 30°   | 685.9 | 609.9 | 533.8 | 481.6 | 429.4 | 407.8 | 415.4 | 425.0 | 434.5 | 445.9 |
| 754.9  | 32.5° | 694.3 | 607.3 | 520.2 | 466.4 | 412.6 | 395.2 | 398.6 | 404.2 | 409.8 | 418.9 |
| 774.7  | 35°   | 700.4 | 602.4 | 504.5 | 451.5 | 398.5 | 384.0 | 382.6 | 384.2 | 385.7 | 392.7 |
| 796.9  | 37.5° | 704.1 | 594.1 | 484.2 | 433.9 | 383.7 | 371.0 | 365.9 | 364.2 | 362.5 | 367.5 |
| 825.1  | 40°   | 706.4 | 582.7 | 459.0 | 413.0 | 367.0 | 355.5 | 347.7 | 343.8 | 339.9 | 343.5 |
| 862.0  | 42.5° | 710.7 | 570.9 | 431.1 | 389.9 | 348.7 | 338.1 | 328.2 | 323.1 | 317.9 | 320.8 |
| 910.5  | 45°   | 718.4 | 559.9 | 401.5 | 365.3 | 329.2 | 318.5 | 308.9 | 303.9 | 298.9 | 301.3 |
| 962.3  | 47.5° | 723.6 | 550.9 | 378.1 | 345.9 | 313.7 | 299.9 | 291.7 | 287.5 | 283.3 | 285.6 |
| 1010.3 | 50°   | 720.2 | 541.0 | 361.8 | 333.0 | 304.3 | 286.1 | 276.5 | 272.8 | 269.1 | 272.7 |
| 1041.4 | 52.5° | 699.1 | 524.3 | 349.6 | 324.5 | 299.5 | 278.6 | 265.2 | 261.5 | 257.8 | 263.3 |
| 1034.5 | 55°   | 655.4 | 496.7 | 338.0 | 318.4 | 298.8 | 279.3 | 259.2 | 253.4 | 247.5 | 255.2 |
| 986.2  | 57.5° | 590.5 | 457.7 | 324.9 | 311.1 | 297.2 | 280.1 | 255.6 | 247.1 | 238.6 | 246.9 |
| 896.3  | 60°   | 503.4 | 407.1 | 310.8 | 299.9 | 289.0 | 277.7 | 252.2 | 241.2 | 230.2 | 237.4 |
| 774.7  | 62.5° | 405.3 | 346.5 | 287.7 | 280.5 | 273.3 | 271.9 | 248.2 | 234.5 | 220.7 | 225.3 |
| 650.6  | 65°   | 319.5 | 292.0 | 264.6 | 261.2 | 257.8 | 257.9 | 239.9 | 225.3 | 210.6 | 212.4 |
| 529.0  | 67.5° | 247.5 | 239.7 | 231.9 | 233.8 | 235.7 | 235.2 | 225.1 | 212.9 | 200.7 | 200.1 |
| 416.5  | 70°   | 187.5 | 189.7 | 191.9 | 200.7 | 209.6 | 209.6 | 206.2 | 197.6 | 188.9 | 187.0 |
| 318.4  | 72.5° | 144.6 | 151.3 | 158.1 | 170.6 | 183.1 | 185.2 | 185.2 | 179.3 | 173.4 | 170.5 |
| 231.1  | 75°   | 112.3 | 118.4 | 124.5 | 138.5 | 152.5 | 162.2 | 161.4 | 156.9 | 152.3 | 149.6 |
| 156.6  | 77.5° | 86.4  | 90.6  | 94.7  | 108.4 | 122.0 | 138.0 | 137.6 | 133.9 | 130.2 | 127.5 |
| 100.9  | 80°   | 64.8  | 66.5  | 68.2  | 79.8  | 91.3  | 110.4 | 110.3 | 107.3 | 104.2 | 101.9 |
| 62.1   | 82.5° | 46.3  | 46.6  | 47.0  | 55.5  | 64.0  | 80.3  | 81.2  | 79.7  | 78.2  | 76.5  |
| 33.2   | 85°   | 28.0  | 27.9  | 27.7  | 33.9  | 40.1  | 52.3  | 53.4  | 51.8  | 50.2  | 48.4  |
| 13.8   | 87.5° | 12.3  | 12.1  | 12.0  | 14.5  | 17.1  | 22.1  | 23.6  | 23.0  | 22.3  | 22.0  |
| 0.0    | 90°   | 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):**

| 160°  |       | 165°  | 170°  | 175°  | 180°  | 185°  | 190°  | 195°  | 200°  | 205°  | 210°  |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 559.2 | 0°    | 559.2 | 559.2 | 559.2 | 559.2 | 559.2 | 559.2 | 559.2 | 559.2 | 559.2 | 559.2 |
| 537.8 | 2.5°  | 534.5 | 531.3 | 528.0 | 524.8 | 522.3 | 519.8 | 517.7 | 515.7 | 514.1 | 512.5 |
| 519.9 | 5°    | 514.2 | 508.4 | 503.2 | 498.0 | 494.0 | 489.9 | 487.1 | 484.3 | 482.3 | 480.3 |
| 508.9 | 7.5°  | 501.7 | 494.4 | 488.0 | 481.7 | 476.9 | 472.1 | 468.8 | 465.4 | 463.1 | 460.9 |
| 508.6 | 10°   | 500.9 | 493.0 | 485.9 | 478.7 | 473.0 | 467.2 | 463.5 | 459.7 | 457.5 | 455.4 |
| 519.5 | 12.5° | 513.4 | 507.3 | 499.8 | 492.4 | 485.1 | 477.8 | 473.0 | 468.1 | 465.7 | 463.3 |
| 537.1 | 15°   | 535.6 | 534.0 | 527.5 | 521.0 | 510.7 | 500.3 | 492.9 | 485.6 | 482.2 | 478.9 |
| 552.0 | 17.5° | 557.0 | 561.9 | 556.7 | 551.5 | 537.8 | 524.0 | 513.2 | 502.4 | 497.4 | 492.4 |
| 554.5 | 20°   | 564.9 | 575.3 | 572.9 | 570.5 | 554.8 | 539.1 | 525.8 | 512.6 | 506.2 | 499.8 |
| 540.3 | 22.5° | 553.9 | 567.4 | 568.9 | 570.3 | 555.3 | 540.3 | 526.6 | 512.9 | 506.2 | 499.5 |
| 514.8 | 25°   | 528.2 | 541.5 | 546.5 | 551.4 | 539.1 | 526.8 | 514.7 | 502.6 | 496.7 | 490.9 |
| 486.1 | 27.5° | 496.8 | 507.5 | 513.0 | 518.6 | 509.8 | 501.0 | 491.6 | 482.2 | 478.3 | 474.4 |
| 457.3 | 30°   | 466.1 | 475.0 | 479.5 | 484.0 | 477.4 | 470.7 | 463.9 | 457.1 | 455.1 | 453.1 |
| 428.0 | 32.5° | 436.5 | 445.0 | 450.0 | 455.1 | 448.9 | 442.8 | 437.4 | 432.0 | 430.7 | 429.4 |
| 399.6 | 35°   | 408.0 | 416.4 | 422.4 | 428.4 | 424.1 | 419.7 | 414.7 | 409.8 | 407.8 | 405.8 |
| 372.4 | 37.5° | 380.8 | 389.2 | 396.7 | 404.1 | 402.1 | 400.1 | 395.5 | 390.9 | 387.3 | 383.7 |
| 347.1 | 40°   | 355.2 | 363.3 | 371.8 | 380.4 | 380.9 | 381.3 | 377.5 | 373.6 | 368.3 | 363.1 |
| 323.8 | 42.5° | 331.5 | 339.2 | 348.4 | 357.6 | 360.1 | 362.6 | 359.3 | 356.0 | 349.5 | 342.9 |
| 303.8 | 45°   | 311.1 | 318.4 | 328.0 | 337.6 | 341.1 | 344.6 | 341.7 | 338.7 | 331.3 | 323.8 |
| 287.9 | 47.5° | 295.0 | 302.2 | 311.6 | 321.0 | 325.1 | 329.2 | 327.1 | 325.1 | 318.4 | 311.8 |
| 276.3 | 50°   | 283.0 | 289.8 | 298.2 | 306.7 | 311.9 | 317.1 | 317.0 | 316.9 | 311.6 | 306.3 |
| 268.7 | 52.5° | 274.9 | 281.0 | 288.9 | 296.8 | 303.0 | 309.2 | 310.3 | 311.4 | 307.1 | 302.8 |
| 262.9 | 55°   | 269.6 | 276.2 | 283.1 | 290.0 | 296.6 | 303.2 | 304.7 | 306.3 | 302.5 | 298.7 |
| 255.2 | 57.5° | 263.0 | 270.8 | 277.6 | 284.5 | 291.1 | 297.7 | 299.3 | 300.8 | 297.0 | 293.2 |
| 244.7 | 60°   | 253.7 | 262.6 | 269.6 | 276.5 | 283.2 | 289.8 | 291.5 | 293.3 | 289.5 | 285.8 |
| 229.9 | 62.5° | 240.4 | 250.9 | 258.3 | 265.7 | 271.8 | 277.9 | 279.5 | 281.2 | 277.8 | 274.4 |
| 214.2 | 65°   | 225.4 | 236.6 | 243.7 | 250.8 | 256.1 | 261.5 | 263.2 | 264.9 | 261.6 | 258.4 |
| 199.6 | 67.5° | 209.9 | 220.3 | 227.0 | 233.7 | 238.3 | 243.0 | 244.6 | 246.3 | 243.3 | 240.3 |
| 185.0 | 70°   | 194.1 | 203.2 | 209.0 | 214.8 | 219.0 | 223.2 | 224.8 | 226.4 | 223.9 | 221.5 |
| 167.7 | 72.5° | 174.9 | 182.0 | 187.3 | 192.5 | 196.6 | 200.7 | 202.6 | 204.5 | 202.5 | 200.4 |
| 146.8 | 75°   | 152.2 | 157.5 | 162.2 | 167.0 | 170.7 | 174.4 | 176.4 | 178.4 | 177.4 | 176.4 |
| 124.7 | 77.5° | 129.1 | 133.4 | 137.5 | 141.5 | 145.5 | 149.4 | 151.2 | 153.1 | 151.7 | 150.3 |
| 99.6  | 80°   | 103.2 | 106.8 | 110.2 | 113.6 | 116.6 | 119.6 | 122.0 | 124.5 | 123.9 | 123.3 |
| 74.9  | 82.5° | 74.6  | 74.3  | 73.1  | 71.9  | 78.2  | 84.6  | 88.8  | 92.9  | 92.7  | 92.4  |
| 46.6  | 85°   | 45.0  | 43.5  | 40.1  | 36.8  | 42.7  | 48.7  | 53.9  | 59.0  | 58.6  | 58.2  |
| 21.6  | 87.5° | 21.6  | 21.5  | 19.0  | 16.4  | 18.9  | 21.4  | 23.5  | 25.6  | 25.1  | 24.5  |
| 0.0   | 90°   | 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):**

| 215°  |       | 220°  | 225°  | 230°  | 235°  | 240°  | 245°  | 250°  | 255°  | 260°  | 265°  |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 559.2 | 0°    | 559.2 | 559.2 | 559.2 | 559.2 | 559.2 | 559.2 | 559.2 | 559.2 | 559.2 | 559.2 |
| 511.0 | 2.5°  | 509.6 | 507.7 | 509.6 | 511.0 | 512.5 | 514.1 | 515.7 | 517.7 | 519.8 | 522.3 |
| 478.8 | 5°    | 477.3 | 475.8 | 477.3 | 478.8 | 480.3 | 482.3 | 484.3 | 487.1 | 489.9 | 494.0 |
| 459.5 | 7.5°  | 458.1 | 457.1 | 458.1 | 459.5 | 460.9 | 463.1 | 465.4 | 468.8 | 472.1 | 476.9 |
| 454.2 | 10°   | 453.1 | 452.6 | 453.1 | 454.2 | 455.4 | 457.5 | 459.7 | 463.5 | 467.2 | 473.0 |
| 462.3 | 12.5° | 461.3 | 461.2 | 461.3 | 462.3 | 463.3 | 465.7 | 468.1 | 473.0 | 477.8 | 485.1 |
| 477.6 | 15°   | 476.3 | 476.2 | 476.3 | 477.6 | 478.9 | 482.2 | 485.6 | 492.9 | 500.3 | 510.7 |
| 490.8 | 17.5° | 489.1 | 488.9 | 489.1 | 490.8 | 492.4 | 497.4 | 502.4 | 513.2 | 524.0 | 537.8 |
| 497.8 | 20°   | 495.7 | 495.1 | 495.7 | 497.8 | 499.8 | 506.2 | 512.6 | 525.8 | 539.1 | 554.8 |
| 497.2 | 22.5° | 495.0 | 494.0 | 495.0 | 497.2 | 499.5 | 506.2 | 512.9 | 526.6 | 540.3 | 555.3 |
| 488.8 | 25°   | 486.7 | 485.4 | 486.7 | 488.8 | 490.9 | 496.7 | 502.6 | 514.7 | 526.8 | 539.1 |
| 473.4 | 27.5° | 472.4 | 472.1 | 472.4 | 473.4 | 474.4 | 478.3 | 482.2 | 491.6 | 501.0 | 509.8 |
| 453.1 | 30°   | 453.1 | 453.4 | 453.1 | 453.1 | 453.1 | 455.1 | 457.1 | 463.9 | 470.7 | 477.4 |
| 429.5 | 32.5° | 429.7 | 430.1 | 429.7 | 429.5 | 429.4 | 430.7 | 432.0 | 437.4 | 442.8 | 448.9 |
| 405.4 | 35°   | 405.0 | 404.7 | 405.0 | 405.4 | 405.8 | 407.8 | 409.8 | 414.7 | 419.7 | 424.1 |
| 381.8 | 37.5° | 379.8 | 378.8 | 379.8 | 381.8 | 383.7 | 387.3 | 390.9 | 395.5 | 400.1 | 402.1 |
| 359.5 | 40°   | 356.0 | 353.9 | 356.0 | 359.5 | 363.1 | 368.3 | 373.6 | 377.5 | 381.3 | 380.9 |
| 337.8 | 42.5° | 332.6 | 329.2 | 332.6 | 337.8 | 342.9 | 349.5 | 356.0 | 359.3 | 362.6 | 360.1 |
| 317.7 | 45°   | 311.6 | 307.7 | 311.6 | 317.7 | 323.8 | 331.3 | 338.7 | 341.7 | 344.6 | 341.1 |
| 306.1 | 47.5° | 300.5 | 296.8 | 300.5 | 306.1 | 311.8 | 318.4 | 325.1 | 327.1 | 329.2 | 325.1 |
| 301.1 | 50°   | 295.9 | 292.3 | 295.9 | 301.1 | 306.3 | 311.6 | 316.9 | 317.0 | 317.1 | 311.9 |
| 298.1 | 52.5° | 293.5 | 290.1 | 293.5 | 298.1 | 302.8 | 307.1 | 311.4 | 310.3 | 309.2 | 303.0 |
| 294.6 | 55°   | 290.6 | 287.6 | 290.6 | 294.6 | 298.7 | 302.5 | 306.3 | 304.7 | 303.2 | 296.6 |
| 289.2 | 57.5° | 285.1 | 282.0 | 285.1 | 289.2 | 293.2 | 297.0 | 300.8 | 299.3 | 297.7 | 291.1 |
| 281.6 | 60°   | 277.5 | 274.3 | 277.5 | 281.6 | 285.8 | 289.5 | 293.3 | 291.5 | 289.8 | 283.2 |
| 270.1 | 62.5° | 265.7 | 261.8 | 265.7 | 270.1 | 274.4 | 277.8 | 281.2 | 279.5 | 277.9 | 271.8 |
| 254.1 | 65°   | 249.9 | 246.6 | 249.9 | 254.1 | 258.4 | 261.6 | 264.9 | 263.2 | 261.5 | 256.1 |
| 236.4 | 67.5° | 232.4 | 229.4 | 232.4 | 236.4 | 240.3 | 243.3 | 246.3 | 244.6 | 243.0 | 238.3 |
| 217.7 | 70°   | 214.0 | 210.5 | 214.0 | 217.7 | 221.5 | 223.9 | 226.4 | 224.8 | 223.2 | 219.0 |
| 196.8 | 72.5° | 193.2 | 189.9 | 193.2 | 196.8 | 200.4 | 202.5 | 204.5 | 202.6 | 200.7 | 196.6 |
| 173.4 | 75°   | 170.3 | 167.2 | 170.3 | 173.4 | 176.4 | 177.4 | 178.4 | 176.4 | 174.4 | 170.7 |
| 147.2 | 77.5° | 144.2 | 141.6 | 144.2 | 147.2 | 150.3 | 151.7 | 153.1 | 151.2 | 149.4 | 145.5 |
| 119.2 | 80°   | 115.1 | 110.3 | 115.1 | 119.2 | 123.3 | 123.9 | 124.5 | 122.0 | 119.6 | 116.6 |
| 88.9  | 82.5° | 85.5  | 82.4  | 85.5  | 88.9  | 92.4  | 92.7  | 92.9  | 88.8  | 84.6  | 78.2  |
| 55.5  | 85°   | 52.7  | 50.0  | 52.7  | 55.5  | 58.2  | 58.6  | 59.0  | 53.9  | 48.7  | 42.7  |
| 23.1  | 87.5° | 21.7  | 20.4  | 21.7  | 23.1  | 24.5  | 25.1  | 25.6  | 23.5  | 21.4  | 18.9  |
| 0.0   | 90°   | 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):**

| 270°  |       | 275°  | 280°  | 285°  | 290°  | 295°  | 300°  | 305°  | 310°  | 315°  | 320°  |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 559.2 | 0°    | 559.2 | 559.2 | 559.2 | 559.2 | 559.2 | 559.2 | 559.2 | 559.2 | 559.2 | 559.2 |
| 524.8 | 2.5°  | 528.0 | 531.3 | 534.5 | 537.8 | 541.5 | 545.2 | 549.3 | 553.4 | 558.5 | 563.1 |
| 498.0 | 5°    | 503.2 | 508.4 | 514.2 | 519.9 | 526.4 | 533.0 | 540.7 | 548.5 | 557.4 | 566.4 |
| 481.7 | 7.5°  | 488.0 | 494.4 | 501.7 | 508.9 | 517.5 | 526.1 | 536.4 | 546.8 | 558.3 | 570.6 |
| 478.7 | 10°   | 485.9 | 493.0 | 500.9 | 508.6 | 517.2 | 525.8 | 536.7 | 547.6 | 560.0 | 575.2 |
| 492.4 | 12.5° | 499.8 | 507.3 | 513.4 | 519.5 | 525.2 | 530.9 | 539.8 | 548.7 | 560.2 | 576.2 |
| 521.0 | 15°   | 527.5 | 534.0 | 535.6 | 537.1 | 536.4 | 535.6 | 539.8 | 544.1 | 553.3 | 571.0 |
| 551.5 | 17.5° | 556.7 | 561.9 | 557.0 | 552.0 | 542.6 | 533.3 | 531.7 | 530.2 | 535.9 | 556.6 |
| 570.5 | 20°   | 572.9 | 575.3 | 564.9 | 554.5 | 538.3 | 522.0 | 514.7 | 507.4 | 508.9 | 533.1 |
| 570.3 | 22.5° | 568.9 | 567.4 | 553.9 | 540.3 | 521.7 | 503.2 | 492.4 | 481.6 | 478.7 | 506.2 |
| 551.4 | 25°   | 546.5 | 541.5 | 528.2 | 514.8 | 498.1 | 481.5 | 469.0 | 456.6 | 448.6 | 476.8 |
| 518.6 | 27.5° | 513.0 | 507.5 | 496.8 | 486.1 | 472.4 | 458.7 | 446.7 | 434.7 | 425.0 | 450.7 |
| 484.0 | 30°   | 479.5 | 475.0 | 466.1 | 457.3 | 445.9 | 434.5 | 425.0 | 415.4 | 407.8 | 429.4 |
| 455.1 | 32.5° | 450.0 | 445.0 | 436.5 | 428.0 | 418.9 | 409.8 | 404.2 | 398.6 | 395.2 | 412.6 |
| 428.4 | 35°   | 422.4 | 416.4 | 408.0 | 399.6 | 392.7 | 385.7 | 384.2 | 382.6 | 384.0 | 398.5 |
| 404.1 | 37.5° | 396.7 | 389.2 | 380.8 | 372.4 | 367.5 | 362.5 | 364.2 | 365.9 | 371.0 | 383.7 |
| 380.4 | 40°   | 371.8 | 363.3 | 355.2 | 347.1 | 343.5 | 339.9 | 343.8 | 347.7 | 355.5 | 367.0 |
| 357.6 | 42.5° | 348.4 | 339.2 | 331.5 | 323.8 | 320.8 | 317.9 | 323.1 | 328.2 | 338.1 | 348.7 |
| 337.6 | 45°   | 328.0 | 318.4 | 311.1 | 303.8 | 301.3 | 298.9 | 303.9 | 308.9 | 318.5 | 329.2 |
| 321.0 | 47.5° | 311.6 | 302.2 | 295.0 | 287.9 | 285.6 | 283.3 | 287.5 | 291.7 | 299.9 | 313.7 |
| 306.7 | 50°   | 298.2 | 289.8 | 283.0 | 276.3 | 272.7 | 269.1 | 272.8 | 276.5 | 286.1 | 304.3 |
| 296.8 | 52.5° | 288.9 | 281.0 | 274.9 | 268.7 | 263.3 | 257.8 | 261.5 | 265.2 | 278.6 | 299.5 |
| 290.0 | 55°   | 283.1 | 276.2 | 269.6 | 262.9 | 255.2 | 247.5 | 253.4 | 259.2 | 279.3 | 298.8 |
| 284.5 | 57.5° | 277.6 | 270.8 | 263.0 | 255.2 | 246.9 | 238.6 | 247.1 | 255.6 | 280.1 | 297.2 |
| 276.5 | 60°   | 269.6 | 262.6 | 253.7 | 244.7 | 237.4 | 230.2 | 241.2 | 252.2 | 277.7 | 289.0 |
| 265.7 | 62.5° | 258.3 | 250.9 | 240.4 | 229.9 | 225.3 | 220.7 | 234.5 | 248.2 | 271.9 | 273.3 |
| 250.8 | 65°   | 243.7 | 236.6 | 225.4 | 214.2 | 212.4 | 210.6 | 225.3 | 239.9 | 257.9 | 257.8 |
| 233.7 | 67.5° | 227.0 | 220.3 | 209.9 | 199.6 | 200.1 | 200.7 | 212.9 | 225.1 | 235.2 | 235.7 |
| 214.8 | 70°   | 209.0 | 203.2 | 194.1 | 185.0 | 187.0 | 188.9 | 197.6 | 206.2 | 209.6 | 209.6 |
| 192.5 | 72.5° | 187.3 | 182.0 | 174.9 | 167.7 | 170.5 | 173.4 | 179.3 | 185.2 | 185.2 | 183.1 |
| 167.0 | 75°   | 162.2 | 157.5 | 152.2 | 146.8 | 149.6 | 152.3 | 156.9 | 161.4 | 162.2 | 152.5 |
| 141.5 | 77.5° | 137.5 | 133.4 | 129.1 | 124.7 | 127.5 | 130.2 | 133.9 | 137.6 | 138.0 | 122.0 |
| 113.6 | 80°   | 110.2 | 106.8 | 103.2 | 99.6  | 101.9 | 104.2 | 107.3 | 110.3 | 110.4 | 91.3  |
| 71.9  | 82.5° | 73.1  | 74.3  | 74.6  | 74.9  | 76.5  | 78.2  | 79.7  | 81.2  | 80.3  | 64.0  |
| 36.8  | 85°   | 40.1  | 43.5  | 45.0  | 46.6  | 48.4  | 50.2  | 51.8  | 53.4  | 52.3  | 40.1  |
| 16.4  | 87.5° | 19.0  | 21.5  | 21.6  | 21.6  | 22.0  | 22.3  | 23.0  | 23.6  | 22.1  | 17.1  |
| 0.0   | 90°   | 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):**

| 325°  |       | 330°  | 335°  | 340°  | 345°   | 350°   | 355°   | 360°   |
|-------|-------|-------|-------|-------|--------|--------|--------|--------|
| 559.2 | 0°    | 559.2 | 559.2 | 559.2 | 559.2  | 559.2  | 559.2  | 559.2  |
| 567.8 | 2.5°  | 572.5 | 577.4 | 582.4 | 587.3  | 592.2  | 596.8  | 601.4  |
| 576.0 | 5°    | 585.5 | 595.8 | 606.0 | 616.1  | 626.3  | 636.5  | 646.7  |
| 583.9 | 7.5°  | 597.2 | 612.4 | 627.5 | 643.0  | 658.6  | 675.4  | 692.2  |
| 591.0 | 10°   | 606.7 | 625.1 | 643.5 | 664.0  | 684.5  | 705.8  | 727.1  |
| 594.0 | 12.5° | 611.8 | 633.5 | 655.2 | 678.4  | 701.7  | 725.0  | 748.4  |
| 591.7 | 15°   | 612.3 | 637.3 | 662.2 | 687.4  | 712.7  | 737.0  | 761.4  |
| 581.5 | 17.5° | 606.3 | 635.3 | 664.2 | 691.8  | 719.3  | 744.0  | 768.7  |
| 563.9 | 20°   | 594.7 | 629.8 | 664.9 | 695.1  | 725.4  | 751.1  | 776.7  |
| 543.3 | 22.5° | 580.3 | 623.0 | 665.7 | 699.7  | 733.6  | 759.9  | 786.1  |
| 520.2 | 25°   | 563.6 | 616.4 | 669.1 | 707.9  | 746.7  | 772.4  | 798.1  |
| 499.2 | 27.5° | 547.7 | 611.9 | 676.2 | 720.8  | 765.4  | 789.9  | 814.4  |
| 481.6 | 30°   | 533.8 | 609.9 | 685.9 | 737.5  | 789.0  | 812.7  | 836.4  |
| 466.4 | 32.5° | 520.2 | 607.3 | 694.3 | 754.9  | 815.5  | 838.9  | 862.4  |
| 451.5 | 35°   | 504.5 | 602.4 | 700.4 | 774.7  | 849.0  | 871.5  | 893.9  |
| 433.9 | 37.5° | 484.2 | 594.1 | 704.1 | 796.9  | 889.8  | 918.4  | 947.0  |
| 413.0 | 40°   | 459.0 | 582.7 | 706.4 | 825.1  | 943.9  | 985.6  | 1027.3 |
| 389.9 | 42.5° | 431.1 | 570.9 | 710.7 | 862.0  | 1013.3 | 1073.5 | 1133.7 |
| 365.3 | 45°   | 401.5 | 559.9 | 718.4 | 910.5  | 1102.7 | 1183.9 | 1265.2 |
| 345.9 | 47.5° | 378.1 | 550.9 | 723.6 | 962.3  | 1200.9 | 1315.2 | 1429.6 |
| 333.0 | 50°   | 361.8 | 541.0 | 720.2 | 1010.3 | 1300.3 | 1472.7 | 1645.0 |
| 324.5 | 52.5° | 349.6 | 524.3 | 699.1 | 1041.4 | 1383.7 | 1638.0 | 1892.3 |
| 318.4 | 55°   | 338.0 | 496.7 | 655.4 | 1034.5 | 1413.7 | 1784.7 | 2155.7 |
| 311.1 | 57.5° | 324.9 | 457.7 | 590.5 | 986.2  | 1382.0 | 1888.6 | 2395.2 |
| 299.9 | 60°   | 310.8 | 407.1 | 503.4 | 896.3  | 1289.1 | 1914.5 | 2539.9 |
| 280.5 | 62.5° | 287.7 | 346.5 | 405.3 | 774.7  | 1144.0 | 1805.2 | 2466.4 |
| 261.2 | 65°   | 264.6 | 292.0 | 319.5 | 650.6  | 981.7  | 1650.5 | 2319.3 |
| 233.8 | 67.5° | 231.9 | 239.7 | 247.5 | 529.0  | 810.6  | 1466.4 | 2122.2 |
| 200.7 | 70°   | 191.9 | 189.7 | 187.5 | 416.5  | 645.6  | 1265.5 | 1885.4 |
| 170.6 | 72.5° | 158.1 | 151.3 | 144.6 | 318.4  | 492.3  | 1047.7 | 1603.2 |
| 138.5 | 75°   | 124.5 | 118.4 | 112.3 | 231.1  | 350.0  | 798.1  | 1246.2 |
| 108.4 | 77.5° | 94.7  | 90.6  | 86.4  | 156.6  | 226.8  | 558.6  | 890.4  |
| 79.8  | 80°   | 68.2  | 66.5  | 64.8  | 100.9  | 137.0  | 359.9  | 582.7  |
| 55.5  | 82.5° | 47.0  | 46.6  | 46.3  | 62.1   | 77.9   | 208.3  | 338.7  |
| 33.9  | 85°   | 27.7  | 27.9  | 28.0  | 33.2   | 38.4   | 93.7   | 149.0  |
| 14.5  | 87.5° | 12.0  | 12.1  | 12.3  | 13.8   | 15.2   | 30.7   | 46.1   |
| 0.0   | 90°   | 0.0   | 0.0   | 0.0   | 0.0    | 0.0    | 0.0    | 0.0    |

(END OF REPORT)