

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: P954040

Luminaire Tested: **GALN-SB7B-930-U-SLR**

Issue Date: 1/21/2025

**Test Information**

Test Method: LM-79-08  
Report Number: P954040  
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-SB7B-930-U-SLR  
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE  
(7) 90 CRI, 3000K, 450mA LIGHTSQUARES WITH 26 LEDS EACH AND SPILL LIGHT  
ELIMINATOR RIGHT OPTICS  
Light Source: -  
Ballast/Driver: -

**Summary**

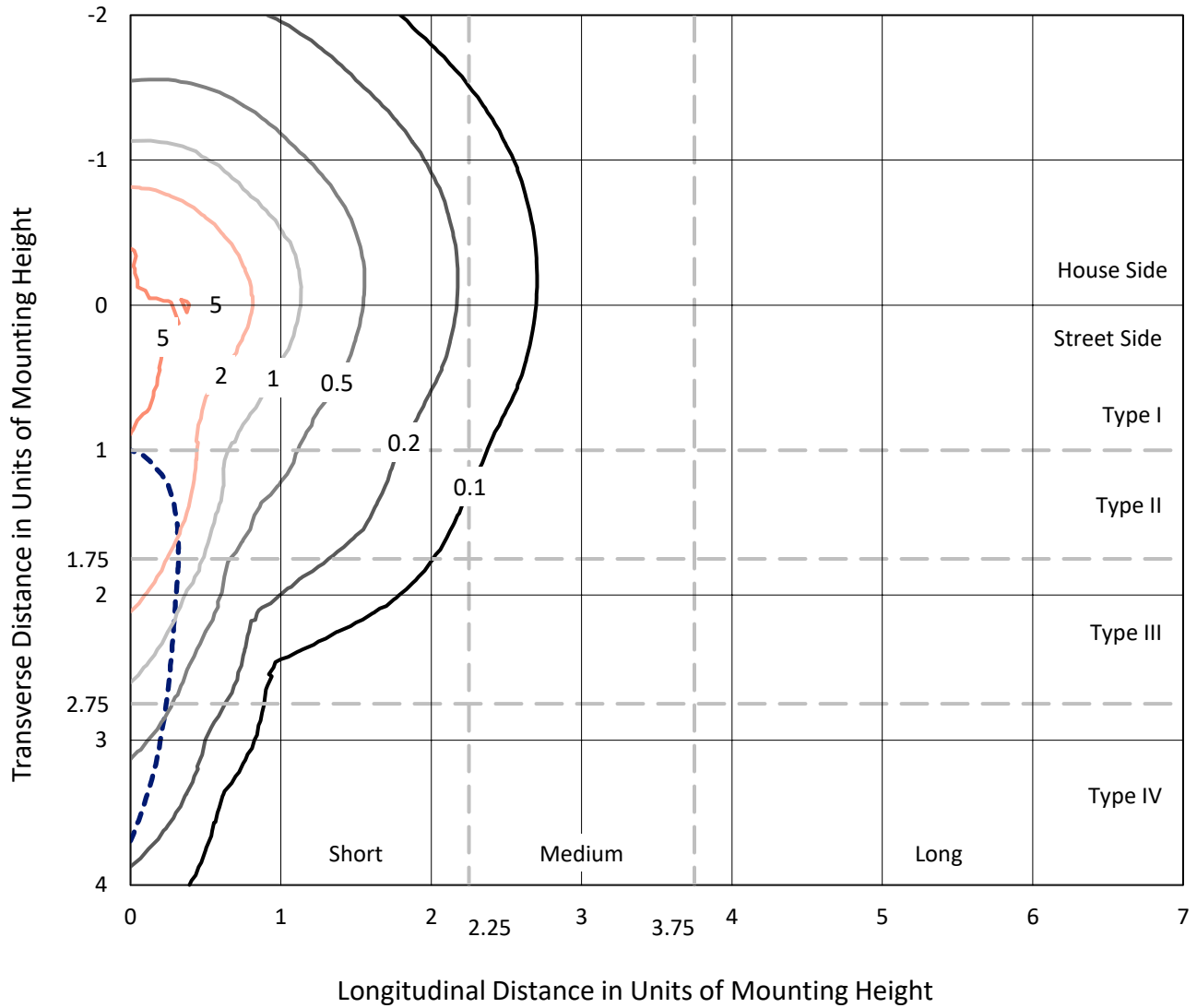
Lumens per Lamp: N/A  
Luminaire Lumens: 27758 lumens  
Efficiency: N/A  
Efficacy: 108.1 lumens/watt  
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')  
IES Classification: Type IV - Short  
BUG Rating: B3 - U0 - G5  
  
Input Watts (W): 256.7  
Input Voltage (V): NR  
Input Current (Ain): 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

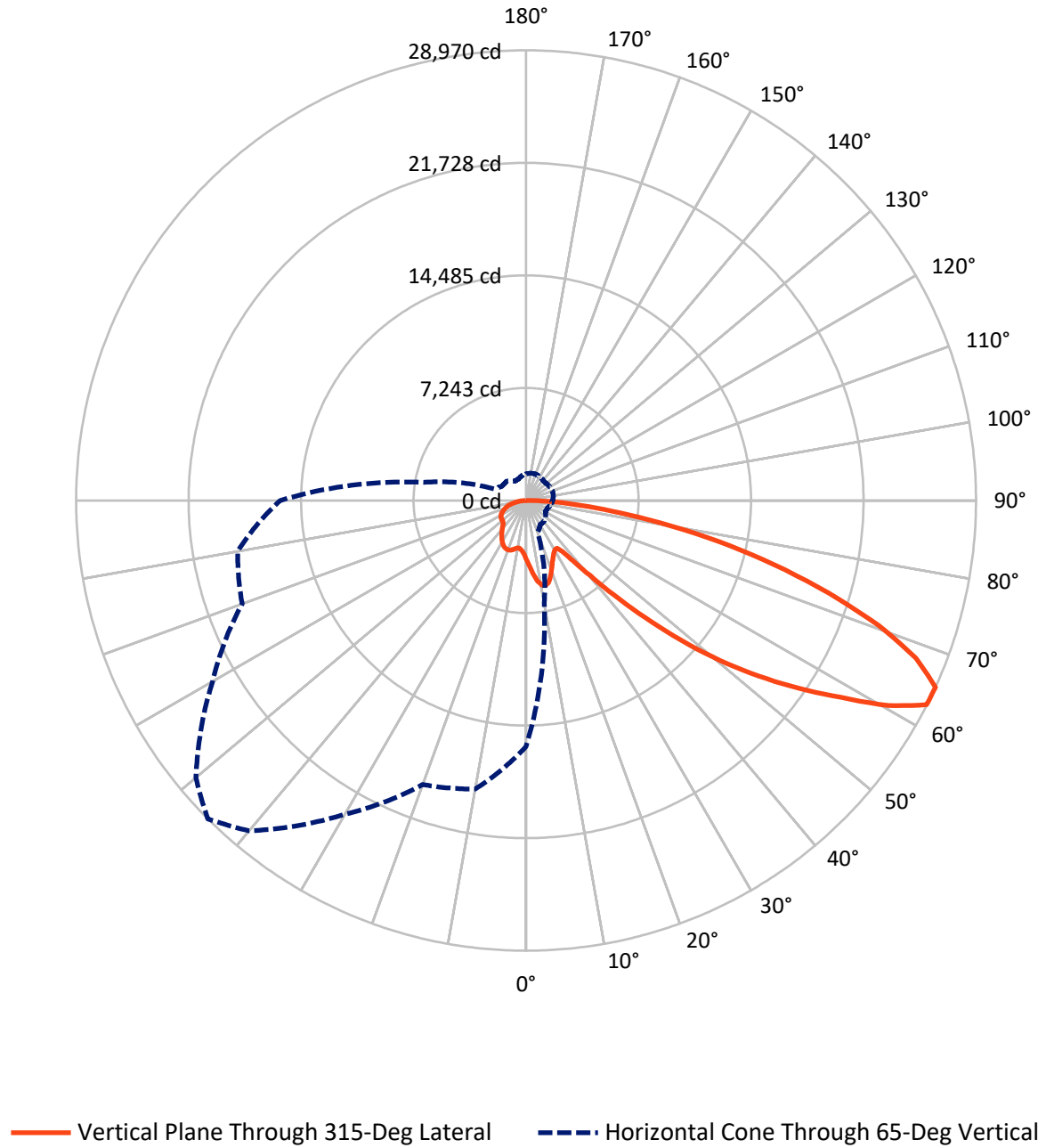
× Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 7.5 fc  
 Type IV - Short - N/A

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### Luminous Intensity Polar Plot



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**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total   |
|--------------------|-----------|----------|--------|---------|
| <b>House Side</b>  | Lumens    | 7054.7   | 0.0    | 7054.7  |
|                    | % Fixture | 25.4     | 0.0    | 25.4    |
| <b>Street Side</b> | Lumens    | 20703.3  | 0.0    | 20703.3 |
|                    | % Fixture | 74.6     | 0.0    | 74.6    |
| <b>Total</b>       | Lumens    | 27758.0  | 0.0    | 27758.0 |
|                    | % Fixture | 100.0    | 0.0    | 100.0   |

**Coefficient of Utilization**

**ZONAL LUMENS:**

| Zone      | Lumens  | % Fixture |
|-----------|---------|-----------|
| 0°-10°    | 378.6   | 1.4       |
| 10°-20°   | 1188.6  | 4.3       |
| 20°-30°   | 1836.0  | 6.6       |
| 30°-40°   | 2326.7  | 8.4       |
| 40°-50°   | 3509.2  | 12.6      |
| 50°-60°   | 5669.7  | 20.4      |
| 60°-70°   | 7068.2  | 25.5      |
| 70°-80°   | 4635.0  | 16.7      |
| 80°-90°   | 1145.9  | 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°    | 27758.0 | 100.0     |
| 0°-180°   | 27758.0 | 100.0     |



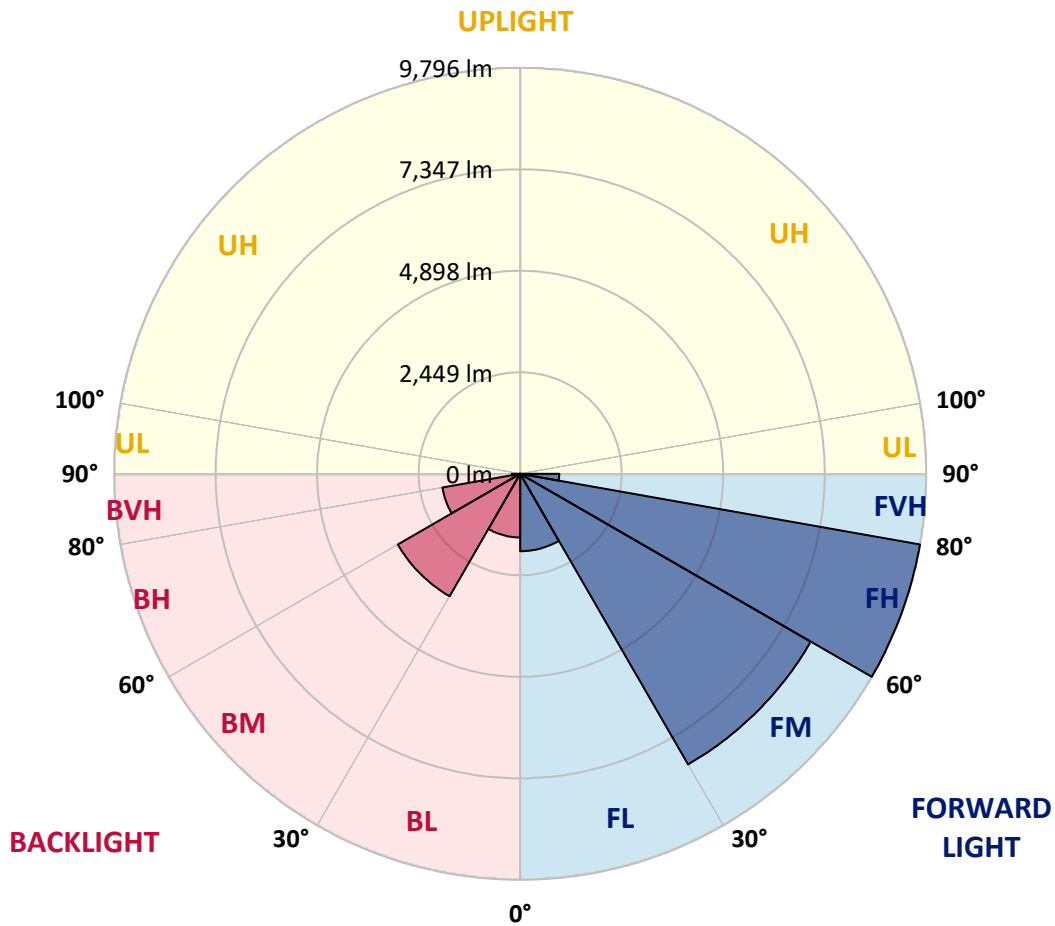
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

| Zone           | Lumens | % Fixture | Zone Rating/Lumen Limit |      |          |
|----------------|--------|-----------|-------------------------|------|----------|
|                |        |           | B                       | U    | G        |
| FL (0°-30°)    | 1867.0 | 6.7       |                         |      |          |
| FM (30°-60°)   | 8096.4 | 29.2      |                         |      |          |
| FH (60°-80°)   | 9795.9 | 35.3      |                         |      | G4/12000 |
| FVH (80°-90°)  | 944.0  | 3.4       |                         |      | G5       |
| BL (0°-30°)    | 1536.2 | 5.5       | B3/2500                 |      |          |
| BM (30°-60°)   | 3409.3 | 12.3      | B3/5000                 |      |          |
| BH (60°-80°)   | 1907.3 | 6.9       | B3/2500                 |      | G3/2500  |
| BVH (80°-90°)  | 201.9  | 0.7       |                         |      | G2/225   |
| UL (90°-100°)  | 0.0    | 0.0       |                         | U0/0 |          |
| UH (100°-180°) | 0.0    | 0.0       |                         | U0/0 |          |

**BUG Rating: B3-U0-G5**

Type IV Short



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**CANDELA DISTRIBUTION (FULL):**

|       | 0°      | 5°      | 10°    | 15°    | 20°    | 25°    | 30°    | 35°    | 40°    | 45°    |
|-------|---------|---------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 3817.0  | 3817.0  | 3817.0 | 3817.0 | 3817.0 | 3817.0 | 3817.0 | 3817.0 | 3817.0 | 3817.0 |
| 2.5°  | 4104.8  | 4073.3  | 4041.8 | 4008.3 | 3974.9 | 3941.2 | 3907.5 | 3875.3 | 3843.0 | 3811.8 |
| 5°    | 4413.8  | 4344.2  | 4274.7 | 4205.3 | 4136.0 | 4066.1 | 3996.4 | 3931.2 | 3866.0 | 3804.5 |
| 7.5°  | 4724.3  | 4609.5  | 4494.8 | 4388.8 | 4282.7 | 4179.5 | 4076.2 | 3985.3 | 3894.3 | 3810.4 |
| 10°   | 4962.3  | 4817.2  | 4672.0 | 4531.9 | 4391.9 | 4266.5 | 4141.0 | 4033.4 | 3925.6 | 3822.1 |
| 12.5° | 5108.1  | 4948.6  | 4789.2 | 4630.4 | 4471.7 | 4323.7 | 4175.8 | 4054.1 | 3932.4 | 3823.6 |
| 15°   | 5196.7  | 5030.5  | 4864.2 | 4692.0 | 4519.7 | 4349.4 | 4179.0 | 4038.1 | 3897.2 | 3776.7 |
| 17.5° | 5246.5  | 5077.9  | 4909.3 | 4721.4 | 4533.5 | 4335.8 | 4138.0 | 3968.6 | 3799.1 | 3657.3 |
| 20°   | 5301.4  | 5126.2  | 4950.9 | 4744.4 | 4537.9 | 4298.3 | 4058.6 | 3848.6 | 3638.6 | 3473.5 |
| 22.5° | 5365.1  | 5186.1  | 5007.0 | 4775.5 | 4543.7 | 4252.3 | 3960.8 | 3707.8 | 3454.9 | 3267.0 |
| 25°   | 5447.2  | 5271.7  | 5096.4 | 4831.7 | 4566.9 | 4206.9 | 3847.0 | 3550.7 | 3254.5 | 3061.9 |
| 27.5° | 5558.5  | 5391.2  | 5223.8 | 4919.6 | 4615.2 | 4176.5 | 3737.9 | 3407.0 | 3076.1 | 2900.8 |
| 30°   | 5708.6  | 5546.9  | 5385.3 | 5033.4 | 4681.4 | 4162.3 | 3643.0 | 3286.9 | 2930.8 | 2783.6 |
| 32.5° | 5885.8  | 5725.7  | 5565.8 | 5152.2 | 4738.5 | 4144.8 | 3550.7 | 3183.3 | 2815.9 | 2697.2 |
| 35°   | 6101.1  | 5947.9  | 5794.6 | 5287.5 | 4780.4 | 4111.7 | 3443.2 | 3081.5 | 2719.9 | 2621.1 |
| 37.5° | 6463.6  | 6268.3  | 6072.9 | 5439.1 | 4805.3 | 4055.0 | 3304.6 | 2961.7 | 2618.9 | 2532.4 |
| 40°   | 7011.4  | 6726.7  | 6442.0 | 5631.6 | 4821.0 | 3976.9 | 3133.0 | 2818.8 | 2504.6 | 2426.2 |
| 42.5° | 7737.9  | 7326.9  | 6915.9 | 5883.3 | 4850.7 | 3896.3 | 2942.3 | 2661.0 | 2379.8 | 2307.6 |
| 45°   | 8635.0  | 8080.7  | 7526.3 | 6214.7 | 4903.0 | 3821.5 | 2740.1 | 2493.5 | 2246.8 | 2173.6 |
| 47.5° | 9757.0  | 8976.7  | 8196.4 | 6567.6 | 4938.9 | 3759.7 | 2580.5 | 2360.9 | 2141.4 | 2046.9 |
| 50°   | 11227.5 | 10051.2 | 8874.8 | 6895.1 | 4915.5 | 3692.3 | 2469.2 | 2272.9 | 2076.6 | 1952.4 |
| 52.5° | 12915.6 | 11179.9 | 9444.3 | 7107.8 | 4771.2 | 3578.5 | 2386.0 | 2214.9 | 2044.0 | 1901.2 |
| 55°   | 14712.7 | 12180.6 | 9648.6 | 7060.9 | 4473.1 | 3389.9 | 2306.6 | 2172.9 | 2039.1 | 1906.3 |
| 57.5° | 16347.3 | 12889.8 | 9432.3 | 6731.1 | 4030.1 | 3123.9 | 2217.5 | 2123.1 | 2028.6 | 1911.4 |
| 60°   | 17335.3 | 13067.0 | 8798.6 | 6117.2 | 3435.9 | 2778.5 | 2121.2 | 2046.9 | 1972.6 | 1895.3 |
| 62.5° | 16833.6 | 12320.8 | 7807.9 | 5287.2 | 2766.5 | 2365.2 | 1963.8 | 1914.5 | 1865.3 | 1855.8 |
| 65°   | 15829.6 | 11264.9 | 6700.2 | 4440.3 | 2180.6 | 1993.3 | 1806.0 | 1782.7 | 1759.4 | 1760.5 |
| 67.5° | 14484.3 | 10008.3 | 5532.4 | 3610.7 | 1689.1 | 1635.9 | 1582.6 | 1595.6 | 1608.5 | 1605.3 |
| 70°   | 12868.0 | 8637.2  | 4406.5 | 2842.9 | 1279.4 | 1294.6 | 1309.7 | 1370.1 | 1430.3 | 1430.3 |
| 72.5° | 10941.9 | 7150.9  | 3360.0 | 2173.4 | 986.9  | 1032.7 | 1078.7 | 1164.3 | 1249.7 | 1264.0 |
| 75°   | 8505.4  | 5447.0  | 2388.6 | 1577.5 | 766.3  | 807.9  | 849.5  | 945.3  | 1041.1 | 1107.3 |
| 77.5° | 6077.0  | 3812.4  | 1547.9 | 1068.9 | 590.0  | 618.2  | 646.7  | 739.7  | 832.7  | 941.8  |
| 80°   | 3977.3  | 2456.3  | 935.2  | 688.7  | 442.3  | 454.1  | 465.8  | 544.6  | 623.2  | 753.6  |
| 82.5° | 2312.0  | 1421.6  | 531.4  | 423.6  | 316.1  | 318.1  | 320.5  | 378.5  | 436.5  | 547.8  |
| 85°   | 1017.2  | 639.5   | 261.9  | 226.4  | 191.1  | 190.1  | 188.9  | 231.4  | 273.9  | 356.7  |
| 87.5° | 314.9   | 209.4   | 104.0  | 93.9   | 83.8   | 82.8   | 81.7   | 99.0   | 116.4  | 150.9  |
| 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°   |
|--------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 3817.0 | 0°    | 3817.0 | 3817.0 | 3817.0 | 3817.0 | 3817.0 | 3817.0 | 3817.0 | 3817.0 | 3817.0 | 3817.0 |
| 3777.1 | 2.5°  | 3749.0 | 3721.0 | 3695.7 | 3670.5 | 3648.4 | 3626.3 | 3604.0 | 3581.9 | 3564.7 | 3547.5 |
| 3743.7 | 5°    | 3690.7 | 3637.5 | 3593.0 | 3548.6 | 3509.4 | 3470.1 | 3434.5 | 3398.8 | 3371.4 | 3343.9 |
| 3731.7 | 7.5°  | 3661.1 | 3590.7 | 3532.1 | 3473.5 | 3424.1 | 3374.6 | 3331.0 | 3287.5 | 3254.8 | 3222.3 |
| 3737.6 | 10°   | 3663.2 | 3588.8 | 3530.2 | 3471.6 | 3418.4 | 3365.1 | 3316.0 | 3267.0 | 3228.0 | 3188.9 |
| 3744.9 | 12.5° | 3684.0 | 3623.3 | 3584.4 | 3545.7 | 3503.8 | 3462.2 | 3411.4 | 3360.7 | 3310.9 | 3261.1 |
| 3713.7 | 15°   | 3684.6 | 3655.6 | 3660.8 | 3666.1 | 3655.3 | 3644.4 | 3600.3 | 3556.3 | 3485.4 | 3414.5 |
| 3618.5 | 17.5° | 3629.2 | 3639.7 | 3703.6 | 3767.5 | 3801.4 | 3835.3 | 3799.7 | 3764.2 | 3670.3 | 3576.5 |
| 3463.2 | 20°   | 3513.0 | 3562.8 | 3673.7 | 3784.7 | 3855.8 | 3926.8 | 3910.4 | 3893.9 | 3786.5 | 3679.3 |
| 3287.0 | 22.5° | 3360.7 | 3434.4 | 3560.9 | 3687.8 | 3780.2 | 3872.6 | 3882.6 | 3892.4 | 3789.9 | 3687.3 |
| 3116.1 | 25°   | 3201.1 | 3286.0 | 3399.8 | 3513.8 | 3604.7 | 3695.7 | 3729.7 | 3763.5 | 3679.4 | 3595.5 |
| 2966.7 | 27.5° | 3048.7 | 3130.8 | 3224.4 | 3317.8 | 3390.7 | 3463.7 | 3501.5 | 3539.4 | 3479.5 | 3419.7 |
| 2835.3 | 30°   | 2900.4 | 2965.7 | 3043.3 | 3120.9 | 3181.4 | 3242.1 | 3272.8 | 3303.6 | 3258.0 | 3212.3 |
| 2720.2 | 32.5° | 2758.7 | 2797.3 | 2859.2 | 2921.3 | 2979.3 | 3037.5 | 3071.6 | 3105.9 | 3064.0 | 3021.9 |
| 2611.5 | 35°   | 2622.1 | 2632.8 | 2680.1 | 2727.2 | 2784.7 | 2842.2 | 2883.2 | 2924.2 | 2894.4 | 2864.6 |
| 2497.6 | 37.5° | 2485.9 | 2474.1 | 2508.1 | 2542.0 | 2599.2 | 2656.6 | 2707.3 | 2758.0 | 2744.2 | 2730.5 |
| 2372.8 | 40°   | 2346.3 | 2319.8 | 2344.2 | 2368.7 | 2424.1 | 2479.4 | 2537.7 | 2596.2 | 2599.5 | 2602.7 |
| 2240.2 | 42.5° | 2205.1 | 2169.9 | 2189.8 | 2209.9 | 2262.3 | 2314.9 | 2377.9 | 2440.9 | 2457.7 | 2474.6 |
| 2108.4 | 45°   | 2074.1 | 2040.0 | 2056.7 | 2073.7 | 2123.5 | 2173.3 | 2238.6 | 2303.9 | 2328.1 | 2352.3 |
| 1990.8 | 47.5° | 1962.1 | 1933.4 | 1949.2 | 1964.9 | 2013.6 | 2062.3 | 2126.7 | 2191.2 | 2219.0 | 2246.8 |
| 1887.2 | 50°   | 1861.8 | 1836.4 | 1861.0 | 1885.8 | 1931.8 | 1977.6 | 2035.3 | 2093.0 | 2128.8 | 2164.5 |
| 1810.1 | 52.5° | 1784.9 | 1759.8 | 1796.9 | 1833.8 | 1876.0 | 1918.0 | 1971.8 | 2025.7 | 2068.0 | 2110.3 |
| 1769.0 | 55°   | 1729.2 | 1689.5 | 1742.1 | 1794.5 | 1839.9 | 1885.3 | 1932.5 | 1979.5 | 2024.3 | 2069.3 |
| 1744.4 | 57.5° | 1686.4 | 1628.4 | 1685.0 | 1741.5 | 1794.8 | 1848.1 | 1894.7 | 1941.4 | 1986.7 | 2031.8 |
| 1721.3 | 60°   | 1646.2 | 1570.9 | 1620.5 | 1670.0 | 1731.3 | 1792.5 | 1839.8 | 1887.2 | 1932.6 | 1978.1 |
| 1694.3 | 62.5° | 1600.3 | 1506.4 | 1537.9 | 1569.4 | 1640.7 | 1712.2 | 1762.7 | 1813.3 | 1854.9 | 1896.5 |
| 1637.5 | 65°   | 1537.6 | 1437.6 | 1449.7 | 1461.8 | 1538.2 | 1614.8 | 1663.1 | 1711.5 | 1748.1 | 1784.7 |
| 1536.2 | 67.5° | 1453.0 | 1369.8 | 1366.0 | 1362.2 | 1432.8 | 1503.5 | 1549.3 | 1595.0 | 1626.7 | 1658.3 |
| 1407.6 | 70°   | 1348.4 | 1289.2 | 1276.0 | 1262.8 | 1325.0 | 1387.1 | 1426.6 | 1466.1 | 1494.7 | 1523.3 |
| 1264.3 | 72.5° | 1223.7 | 1183.2 | 1163.8 | 1144.6 | 1193.6 | 1242.3 | 1278.1 | 1313.8 | 1341.8 | 1369.8 |
| 1101.7 | 75°   | 1070.5 | 1039.2 | 1020.7 | 1002.1 | 1038.5 | 1074.8 | 1107.2 | 1139.5 | 1165.0 | 1190.5 |
| 938.9  | 77.5° | 913.8  | 888.8  | 870.0  | 851.3  | 880.9  | 910.3  | 938.1  | 966.0  | 992.8  | 1019.4 |
| 753.1  | 80°   | 732.2  | 711.1  | 695.4  | 679.6  | 704.2  | 728.7  | 752.1  | 775.5  | 795.9  | 816.1  |
| 553.9  | 82.5° | 543.7  | 533.4  | 522.3  | 511.2  | 509.1  | 507.1  | 498.9  | 490.7  | 534.0  | 577.4  |
| 364.7  | 85°   | 353.7  | 342.7  | 330.3  | 317.8  | 307.3  | 296.6  | 273.9  | 251.2  | 291.8  | 332.5  |
| 161.1  | 87.5° | 156.7  | 152.3  | 150.0  | 147.6  | 147.2  | 146.8  | 129.5  | 112.0  | 129.0  | 146.2  |
| 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°   |
|--------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 3817.0 | 0°    | 3817.0 | 3817.0 | 3817.0 | 3817.0 | 3817.0 | 3817.0 | 3817.0 | 3817.0 | 3817.0 | 3817.0 |
| 3533.5 | 2.5°  | 3519.6 | 3508.8 | 3498.0 | 3488.0 | 3477.9 | 3465.4 | 3477.9 | 3488.0 | 3498.0 | 3508.8 |
| 3324.7 | 5°    | 3305.5 | 3291.9 | 3278.3 | 3267.9 | 3257.5 | 3247.2 | 3257.5 | 3267.9 | 3278.3 | 3291.9 |
| 3199.5 | 7.5°  | 3176.6 | 3160.9 | 3145.4 | 3136.0 | 3126.8 | 3119.8 | 3126.8 | 3136.0 | 3145.4 | 3160.9 |
| 3163.4 | 10°   | 3137.6 | 3122.9 | 3108.1 | 3100.1 | 3092.2 | 3089.0 | 3092.2 | 3100.1 | 3108.1 | 3122.9 |
| 3228.2 | 12.5° | 3195.2 | 3178.7 | 3162.3 | 3155.5 | 3148.8 | 3147.6 | 3148.8 | 3155.5 | 3162.3 | 3178.7 |
| 3364.4 | 15°   | 3314.3 | 3291.3 | 3268.4 | 3259.7 | 3250.9 | 3250.1 | 3250.9 | 3259.7 | 3268.4 | 3291.3 |
| 3502.6 | 17.5° | 3428.8 | 3394.8 | 3360.7 | 3349.6 | 3338.3 | 3336.5 | 3338.3 | 3349.6 | 3360.7 | 3394.8 |
| 3588.8 | 20°   | 3498.4 | 3454.9 | 3411.2 | 3397.3 | 3383.4 | 3379.0 | 3383.4 | 3397.3 | 3411.2 | 3454.9 |
| 3594.2 | 22.5° | 3500.9 | 3455.0 | 3409.0 | 3393.7 | 3378.3 | 3371.7 | 3378.3 | 3393.7 | 3409.0 | 3455.0 |
| 3512.6 | 25°   | 3430.0 | 3390.2 | 3350.5 | 3336.0 | 3321.6 | 3313.1 | 3321.6 | 3336.0 | 3350.5 | 3390.2 |
| 3355.4 | 27.5° | 3291.1 | 3264.5 | 3237.7 | 3231.1 | 3224.5 | 3222.3 | 3224.5 | 3231.1 | 3237.7 | 3264.5 |
| 3166.4 | 30°   | 3120.1 | 3106.4 | 3092.7 | 3092.7 | 3092.7 | 3094.9 | 3092.7 | 3092.7 | 3092.7 | 3106.4 |
| 2985.2 | 32.5° | 2948.4 | 2939.5 | 2930.5 | 2931.7 | 2933.0 | 2935.2 | 2933.0 | 2931.7 | 2930.5 | 2939.5 |
| 2830.6 | 35°   | 2796.8 | 2783.2 | 2769.7 | 2766.8 | 2763.9 | 2762.4 | 2763.9 | 2766.8 | 2769.7 | 2783.2 |
| 2699.3 | 37.5° | 2667.9 | 2643.2 | 2618.6 | 2605.5 | 2592.5 | 2585.2 | 2592.5 | 2605.5 | 2618.6 | 2643.2 |
| 2576.2 | 40°   | 2549.7 | 2513.7 | 2478.0 | 2453.6 | 2429.6 | 2415.3 | 2429.6 | 2453.6 | 2478.0 | 2513.7 |
| 2452.2 | 42.5° | 2429.9 | 2385.2 | 2340.6 | 2305.3 | 2270.0 | 2246.8 | 2270.0 | 2305.3 | 2340.6 | 2385.2 |
| 2332.1 | 45°   | 2312.0 | 2260.9 | 2209.9 | 2168.5 | 2127.0 | 2100.4 | 2127.0 | 2168.5 | 2209.9 | 2260.9 |
| 2232.8 | 47.5° | 2218.7 | 2173.3 | 2127.9 | 2089.5 | 2051.3 | 2025.7 | 2051.3 | 2089.5 | 2127.9 | 2173.3 |
| 2163.6 | 50°   | 2163.0 | 2126.7 | 2090.4 | 2055.0 | 2019.5 | 1994.9 | 2019.5 | 2055.0 | 2090.4 | 2126.7 |
| 2117.9 | 52.5° | 2125.5 | 2096.0 | 2066.4 | 2034.6 | 2003.0 | 1980.3 | 2003.0 | 2034.6 | 2066.4 | 2096.0 |
| 2079.8 | 55°   | 2090.4 | 2064.6 | 2038.8 | 2011.0 | 1983.2 | 1962.7 | 1983.2 | 2011.0 | 2038.8 | 2064.6 |
| 2042.5 | 57.5° | 2053.2 | 2027.1 | 2001.1 | 1973.5 | 1945.8 | 1924.6 | 1945.8 | 1973.5 | 2001.1 | 2027.1 |
| 1989.8 | 60°   | 2001.5 | 1976.0 | 1950.7 | 1922.3 | 1893.8 | 1871.9 | 1893.8 | 1922.3 | 1950.7 | 1976.0 |
| 1907.7 | 62.5° | 1919.0 | 1896.0 | 1873.0 | 1843.2 | 1813.3 | 1786.9 | 1813.3 | 1843.2 | 1873.0 | 1896.0 |
| 1796.3 | 65°   | 1807.7 | 1785.6 | 1763.5 | 1734.5 | 1705.6 | 1682.9 | 1705.6 | 1734.5 | 1763.5 | 1785.6 |
| 1669.6 | 67.5° | 1680.7 | 1660.4 | 1640.2 | 1613.2 | 1586.3 | 1565.7 | 1586.3 | 1613.2 | 1640.2 | 1660.4 |
| 1534.1 | 70°   | 1544.9 | 1528.4 | 1511.8 | 1486.1 | 1460.3 | 1436.9 | 1460.3 | 1486.1 | 1511.8 | 1528.4 |
| 1382.7 | 72.5° | 1395.6 | 1381.8 | 1368.0 | 1343.4 | 1318.9 | 1296.2 | 1318.9 | 1343.4 | 1368.0 | 1381.8 |
| 1204.0 | 75°   | 1217.4 | 1210.7 | 1204.0 | 1183.3 | 1162.7 | 1141.0 | 1162.7 | 1183.3 | 1204.0 | 1210.7 |
| 1032.0 | 77.5° | 1044.6 | 1035.2 | 1025.6 | 1004.8 | 984.0  | 966.7  | 984.0  | 1004.8 | 1025.6 | 1035.2 |
| 832.8  | 80°   | 849.5  | 845.4  | 841.5  | 813.5  | 785.4  | 752.8  | 785.4  | 813.5  | 841.5  | 845.4  |
| 605.8  | 82.5° | 634.2  | 632.5  | 630.5  | 607.0  | 583.2  | 562.4  | 583.2  | 607.0  | 630.5  | 632.5  |
| 367.6  | 85°   | 402.8  | 399.9  | 396.9  | 378.5  | 360.0  | 341.3  | 360.0  | 378.5  | 396.9  | 399.9  |
| 160.4  | 87.5° | 174.6  | 171.1  | 167.3  | 157.9  | 148.2  | 139.1  | 148.2  | 157.9  | 167.3  | 171.1  |
| 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):**

| 160°   |       | 165°   | 170°   | 175°   | 180°   | 185°   | 190°   | 195°   | 200°   | 205°   | 210°   |
|--------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 3817.0 | 0°    | 3817.0 | 3817.0 | 3817.0 | 3817.0 | 3817.0 | 3817.0 | 3817.0 | 3817.0 | 3817.0 | 3817.0 |
| 3519.6 | 2.5°  | 3533.5 | 3547.5 | 3564.7 | 3581.9 | 3604.0 | 3626.3 | 3648.4 | 3670.5 | 3695.7 | 3721.0 |
| 3305.5 | 5°    | 3324.7 | 3343.9 | 3371.4 | 3398.8 | 3434.5 | 3470.1 | 3509.4 | 3548.6 | 3593.0 | 3637.5 |
| 3176.6 | 7.5°  | 3199.5 | 3222.3 | 3254.8 | 3287.5 | 3331.0 | 3374.6 | 3424.1 | 3473.5 | 3532.1 | 3590.7 |
| 3137.6 | 10°   | 3163.4 | 3188.9 | 3228.0 | 3267.0 | 3316.0 | 3365.1 | 3418.4 | 3471.6 | 3530.2 | 3588.8 |
| 3195.2 | 12.5° | 3228.2 | 3261.1 | 3310.9 | 3360.7 | 3411.4 | 3462.2 | 3503.8 | 3545.7 | 3584.4 | 3623.3 |
| 3314.3 | 15°   | 3364.4 | 3414.5 | 3485.4 | 3556.3 | 3600.3 | 3644.4 | 3655.3 | 3666.1 | 3660.8 | 3655.6 |
| 3428.8 | 17.5° | 3502.6 | 3576.5 | 3670.3 | 3764.2 | 3799.7 | 3835.3 | 3801.4 | 3767.5 | 3703.6 | 3639.7 |
| 3498.4 | 20°   | 3588.8 | 3679.3 | 3786.5 | 3893.9 | 3910.4 | 3926.8 | 3855.8 | 3784.7 | 3673.7 | 3562.8 |
| 3500.9 | 22.5° | 3594.2 | 3687.3 | 3789.9 | 3892.4 | 3882.6 | 3872.6 | 3780.2 | 3687.8 | 3560.9 | 3434.4 |
| 3430.0 | 25°   | 3512.6 | 3595.5 | 3679.4 | 3763.5 | 3729.7 | 3695.7 | 3604.7 | 3513.8 | 3399.8 | 3286.0 |
| 3291.1 | 27.5° | 3355.4 | 3419.7 | 3479.5 | 3539.4 | 3501.5 | 3463.7 | 3390.7 | 3317.8 | 3224.4 | 3130.8 |
| 3120.1 | 30°   | 3166.4 | 3212.3 | 3258.0 | 3303.6 | 3272.8 | 3242.1 | 3181.4 | 3120.9 | 3043.3 | 2965.7 |
| 2948.4 | 32.5° | 2985.2 | 3021.9 | 3064.0 | 3105.9 | 3071.6 | 3037.5 | 2979.3 | 2921.3 | 2859.2 | 2797.3 |
| 2796.8 | 35°   | 2830.6 | 2864.6 | 2894.4 | 2924.2 | 2883.2 | 2842.2 | 2784.7 | 2727.2 | 2680.1 | 2632.8 |
| 2667.9 | 37.5° | 2699.3 | 2730.5 | 2744.2 | 2758.0 | 2707.3 | 2656.6 | 2599.2 | 2542.0 | 2508.1 | 2474.1 |
| 2549.7 | 40°   | 2576.2 | 2602.7 | 2599.5 | 2596.2 | 2537.7 | 2479.4 | 2424.1 | 2368.7 | 2344.2 | 2319.8 |
| 2429.9 | 42.5° | 2452.2 | 2474.6 | 2457.7 | 2440.9 | 2377.9 | 2314.9 | 2262.3 | 2209.9 | 2189.8 | 2169.9 |
| 2312.0 | 45°   | 2332.1 | 2352.3 | 2328.1 | 2303.9 | 2238.6 | 2173.3 | 2123.5 | 2073.7 | 2056.7 | 2040.0 |
| 2218.7 | 47.5° | 2232.8 | 2246.8 | 2219.0 | 2191.2 | 2126.7 | 2062.3 | 2013.6 | 1964.9 | 1949.2 | 1933.4 |
| 2163.0 | 50°   | 2163.6 | 2164.5 | 2128.8 | 2093.0 | 2035.3 | 1977.6 | 1931.8 | 1885.8 | 1861.0 | 1836.4 |
| 2125.5 | 52.5° | 2117.9 | 2110.3 | 2068.0 | 2025.7 | 1971.8 | 1918.0 | 1876.0 | 1833.8 | 1796.9 | 1759.8 |
| 2090.4 | 55°   | 2079.8 | 2069.3 | 2024.3 | 1979.5 | 1932.5 | 1885.3 | 1839.9 | 1794.5 | 1742.1 | 1689.5 |
| 2053.2 | 57.5° | 2042.5 | 2031.8 | 1986.7 | 1941.4 | 1894.7 | 1848.1 | 1794.8 | 1741.5 | 1685.0 | 1628.4 |
| 2001.5 | 60°   | 1989.8 | 1978.1 | 1932.6 | 1887.2 | 1839.8 | 1792.5 | 1731.3 | 1670.0 | 1620.5 | 1570.9 |
| 1919.0 | 62.5° | 1907.7 | 1896.5 | 1854.9 | 1813.3 | 1762.7 | 1712.2 | 1640.7 | 1569.4 | 1537.9 | 1506.4 |
| 1807.7 | 65°   | 1796.3 | 1784.7 | 1748.1 | 1711.5 | 1663.1 | 1614.8 | 1538.2 | 1461.8 | 1449.7 | 1437.6 |
| 1680.7 | 67.5° | 1669.6 | 1658.3 | 1626.7 | 1595.0 | 1549.3 | 1503.5 | 1432.8 | 1362.2 | 1366.0 | 1369.8 |
| 1544.9 | 70°   | 1534.1 | 1523.3 | 1494.7 | 1466.1 | 1426.6 | 1387.1 | 1325.0 | 1262.8 | 1276.0 | 1289.2 |
| 1395.6 | 72.5° | 1382.7 | 1369.8 | 1341.8 | 1313.8 | 1278.1 | 1242.3 | 1193.6 | 1144.6 | 1163.8 | 1183.2 |
| 1217.4 | 75°   | 1204.0 | 1190.5 | 1165.0 | 1139.5 | 1107.2 | 1074.8 | 1038.5 | 1002.1 | 1020.7 | 1039.2 |
| 1044.6 | 77.5° | 1032.0 | 1019.4 | 992.8  | 966.0  | 938.1  | 910.3  | 880.9  | 851.3  | 870.0  | 888.8  |
| 849.5  | 80°   | 832.8  | 816.1  | 795.9  | 775.5  | 752.1  | 728.7  | 704.2  | 679.6  | 695.4  | 711.1  |
| 634.2  | 82.5° | 605.8  | 577.4  | 534.0  | 490.7  | 498.9  | 507.1  | 509.1  | 511.2  | 522.3  | 533.4  |
| 402.8  | 85°   | 367.6  | 332.5  | 291.8  | 251.2  | 273.9  | 296.6  | 307.3  | 317.8  | 330.3  | 342.7  |
| 174.6  | 87.5° | 160.4  | 146.2  | 129.0  | 112.0  | 129.5  | 146.8  | 147.2  | 147.6  | 150.0  | 152.3  |
| 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°    |
|--------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---------|
| 3817.0 | 0°    | 3817.0 | 3817.0 | 3817.0 | 3817.0 | 3817.0 | 3817.0 | 3817.0 | 3817.0 | 3817.0 | 3817.0  |
| 3749.0 | 2.5°  | 3777.1 | 3811.8 | 3843.0 | 3875.3 | 3907.5 | 3941.2 | 3974.9 | 4008.3 | 4041.8 | 4073.3  |
| 3690.7 | 5°    | 3743.7 | 3804.5 | 3866.0 | 3931.2 | 3996.4 | 4066.1 | 4136.0 | 4205.3 | 4274.7 | 4344.2  |
| 3661.1 | 7.5°  | 3731.7 | 3810.4 | 3894.3 | 3985.3 | 4076.2 | 4179.5 | 4282.7 | 4388.8 | 4494.8 | 4609.5  |
| 3663.2 | 10°   | 3737.6 | 3822.1 | 3925.6 | 4033.4 | 4141.0 | 4266.5 | 4391.9 | 4531.9 | 4672.0 | 4817.2  |
| 3684.0 | 12.5° | 3744.9 | 3823.6 | 3932.4 | 4054.1 | 4175.8 | 4323.7 | 4471.7 | 4630.4 | 4789.2 | 4948.6  |
| 3684.6 | 15°   | 3713.7 | 3776.7 | 3897.2 | 4038.1 | 4179.0 | 4349.4 | 4519.7 | 4692.0 | 4864.2 | 5030.5  |
| 3629.2 | 17.5° | 3618.5 | 3657.3 | 3799.1 | 3968.6 | 4138.0 | 4335.8 | 4533.5 | 4721.4 | 4909.3 | 5077.9  |
| 3513.0 | 20°   | 3463.2 | 3473.5 | 3638.6 | 3848.6 | 4058.6 | 4298.3 | 4537.9 | 4744.4 | 4950.9 | 5126.2  |
| 3360.7 | 22.5° | 3287.0 | 3267.0 | 3454.9 | 3707.8 | 3960.8 | 4252.3 | 4543.7 | 4775.5 | 5007.0 | 5186.1  |
| 3201.1 | 25°   | 3116.1 | 3061.9 | 3254.5 | 3550.7 | 3847.0 | 4206.9 | 4566.9 | 4831.7 | 5096.4 | 5271.7  |
| 3048.7 | 27.5° | 2966.7 | 2900.8 | 3076.1 | 3407.0 | 3737.9 | 4176.5 | 4615.2 | 4919.6 | 5223.8 | 5391.2  |
| 2900.4 | 30°   | 2835.3 | 2783.6 | 2930.8 | 3286.9 | 3643.0 | 4162.3 | 4681.4 | 5033.4 | 5385.3 | 5546.9  |
| 2758.7 | 32.5° | 2720.2 | 2697.2 | 2815.9 | 3183.3 | 3550.7 | 4144.8 | 4738.5 | 5152.2 | 5565.8 | 5725.7  |
| 2622.1 | 35°   | 2611.5 | 2621.1 | 2719.9 | 3081.5 | 3443.2 | 4111.7 | 4780.4 | 5287.5 | 5794.6 | 5947.9  |
| 2485.9 | 37.5° | 2497.6 | 2532.4 | 2618.9 | 2961.7 | 3304.6 | 4055.0 | 4805.3 | 5439.1 | 6072.9 | 6268.3  |
| 2346.3 | 40°   | 2372.8 | 2426.2 | 2504.6 | 2818.8 | 3133.0 | 3976.9 | 4821.0 | 5631.6 | 6442.0 | 6726.7  |
| 2205.1 | 42.5° | 2240.2 | 2307.6 | 2379.8 | 2661.0 | 2942.3 | 3896.3 | 4850.7 | 5883.3 | 6915.9 | 7326.9  |
| 2074.1 | 45°   | 2108.4 | 2173.6 | 2246.8 | 2493.5 | 2740.1 | 3821.5 | 4903.0 | 6214.7 | 7526.3 | 8080.7  |
| 1962.1 | 47.5° | 1990.8 | 2046.9 | 2141.4 | 2360.9 | 2580.5 | 3759.7 | 4938.9 | 6567.6 | 8196.4 | 8976.7  |
| 1861.8 | 50°   | 1887.2 | 1952.4 | 2076.6 | 2272.9 | 2469.2 | 3692.3 | 4915.5 | 6895.1 | 8874.8 | 10051.2 |
| 1784.9 | 52.5° | 1810.1 | 1901.2 | 2044.0 | 2214.9 | 2386.0 | 3578.5 | 4771.2 | 7107.8 | 9444.3 | 11179.9 |
| 1729.2 | 55°   | 1769.0 | 1906.3 | 2039.1 | 2172.9 | 2306.6 | 3389.9 | 4473.1 | 7060.9 | 9648.6 | 12180.6 |
| 1686.4 | 57.5° | 1744.4 | 1911.4 | 2028.6 | 2123.1 | 2217.5 | 3123.9 | 4030.1 | 6731.1 | 9432.3 | 12889.8 |
| 1646.2 | 60°   | 1721.3 | 1895.3 | 1972.6 | 2046.9 | 2121.2 | 2778.5 | 3435.9 | 6117.2 | 8798.6 | 13067.0 |
| 1600.3 | 62.5° | 1694.3 | 1855.8 | 1865.3 | 1914.5 | 1963.8 | 2365.2 | 2766.5 | 5287.2 | 7807.9 | 12320.8 |
| 1537.6 | 65°   | 1637.5 | 1760.5 | 1759.4 | 1782.7 | 1806.0 | 1993.3 | 2180.6 | 4440.3 | 6700.2 | 11264.9 |
| 1453.0 | 67.5° | 1536.2 | 1605.3 | 1608.5 | 1595.6 | 1582.6 | 1635.9 | 1689.1 | 3610.7 | 5532.4 | 10008.3 |
| 1348.4 | 70°   | 1407.6 | 1430.3 | 1430.3 | 1370.1 | 1309.7 | 1294.6 | 1279.4 | 2842.9 | 4406.5 | 8637.2  |
| 1223.7 | 72.5° | 1264.3 | 1264.0 | 1249.7 | 1164.3 | 1078.7 | 1032.7 | 986.9  | 2173.4 | 3360.0 | 7150.9  |
| 1070.5 | 75°   | 1101.7 | 1107.3 | 1041.1 | 945.3  | 849.5  | 807.9  | 766.3  | 1577.5 | 2388.6 | 5447.0  |
| 913.8  | 77.5° | 938.9  | 941.8  | 832.7  | 739.7  | 646.7  | 618.2  | 590.0  | 1068.9 | 1547.9 | 3812.4  |
| 732.2  | 80°   | 753.1  | 753.6  | 623.2  | 544.6  | 465.8  | 454.1  | 442.3  | 688.7  | 935.2  | 2456.3  |
| 543.7  | 82.5° | 553.9  | 547.8  | 436.5  | 378.5  | 320.5  | 318.1  | 316.1  | 423.6  | 531.4  | 1421.6  |
| 353.7  | 85°   | 364.7  | 356.7  | 273.9  | 231.4  | 188.9  | 190.1  | 191.1  | 226.4  | 261.9  | 639.5   |
| 156.7  | 87.5° | 161.1  | 150.9  | 116.4  | 99.0   | 81.7   | 82.8   | 83.8   | 93.9   | 104.0  | 209.4   |
| 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°    |
|---------|-------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 3817.0  | 0°    | 3817.0  | 3817.0  | 3817.0  | 3817.0  | 3817.0  | 3817.0  | 3817.0  | 3817.0  | 3817.0  | 3817.0  |
| 4104.8  | 2.5°  | 4120.3  | 4136.0  | 4158.1  | 4180.2  | 4193.4  | 4206.6  | 4213.2  | 4219.8  | 4216.8  | 4219.8  |
| 4413.8  | 5°    | 4468.2  | 4522.6  | 4576.5  | 4630.6  | 4659.9  | 4689.2  | 4706.9  | 4724.8  | 4738.2  | 4724.8  |
| 4724.3  | 7.5°  | 4812.8  | 4901.1  | 4980.7  | 5060.2  | 5108.1  | 5156.0  | 5181.9  | 5207.7  | 5220.1  | 5207.7  |
| 4962.3  | 10°   | 5066.9  | 5171.5  | 5264.8  | 5358.1  | 5414.6  | 5470.9  | 5496.1  | 5521.1  | 5530.6  | 5521.1  |
| 5108.1  | 12.5° | 5221.4  | 5334.7  | 5419.0  | 5503.1  | 5544.1  | 5585.1  | 5598.9  | 5612.7  | 5614.1  | 5612.7  |
| 5196.7  | 15°   | 5294.5  | 5392.2  | 5445.1  | 5498.1  | 5499.6  | 5501.1  | 5486.4  | 5471.8  | 5454.5  | 5471.8  |
| 5246.5  | 17.5° | 5312.6  | 5378.6  | 5379.6  | 5380.5  | 5321.2  | 5261.9  | 5207.5  | 5153.0  | 5114.7  | 5153.0  |
| 5301.4  | 20°   | 5324.4  | 5347.6  | 5278.0  | 5208.4  | 5077.5  | 4946.5  | 4851.2  | 4755.8  | 4697.2  | 4755.8  |
| 5365.1  | 22.5° | 5335.0  | 5304.8  | 5160.7  | 5016.5  | 4823.9  | 4631.3  | 4512.1  | 4392.9  | 4328.1  | 4392.9  |
| 5447.2  | 25°   | 5352.0  | 5256.7  | 5037.9  | 4819.1  | 4585.2  | 4351.3  | 4225.9  | 4100.8  | 4039.6  | 4100.8  |
| 5558.5  | 27.5° | 5388.3  | 5217.9  | 4928.1  | 4638.4  | 4379.1  | 4119.9  | 3996.5  | 3873.4  | 3815.5  | 3873.4  |
| 5708.6  | 30°   | 5454.8  | 5201.1  | 4844.3  | 4487.5  | 4217.4  | 3947.3  | 3832.9  | 3718.5  | 3664.6  | 3718.5  |
| 5885.8  | 32.5° | 5538.3  | 5190.8  | 4787.2  | 4383.5  | 4129.7  | 3875.8  | 3786.1  | 3696.1  | 3657.3  | 3696.1  |
| 6101.1  | 35°   | 5675.8  | 5250.6  | 4829.9  | 4409.4  | 4233.1  | 4056.9  | 4035.9  | 4015.0  | 4011.8  | 4015.0  |
| 6463.6  | 37.5° | 5963.3  | 5463.0  | 5080.7  | 4698.4  | 4687.0  | 4675.6  | 4771.4  | 4867.1  | 4916.9  | 4867.1  |
| 7011.4  | 40°   | 6467.3  | 5923.2  | 5638.9  | 5354.6  | 5555.2  | 5755.9  | 5988.8  | 6221.7  | 6337.7  | 6221.7  |
| 7737.9  | 42.5° | 7198.0  | 6658.2  | 6494.4  | 6330.7  | 6768.3  | 7205.9  | 7629.5  | 8053.1  | 8301.8  | 8053.1  |
| 8635.0  | 45°   | 8150.1  | 7665.0  | 7592.8  | 7520.4  | 8221.6  | 8922.8  | 9618.9  | 10315.0 | 10737.6 | 10315.0 |
| 9757.0  | 47.5° | 9285.2  | 8813.3  | 8798.6  | 8784.0  | 9795.5  | 10806.7 | 11825.7 | 12844.5 | 13442.9 | 12844.5 |
| 11227.5 | 50°   | 10644.7 | 10062.1 | 10064.6 | 10067.1 | 11370.6 | 12674.2 | 14019.2 | 15364.2 | 16177.4 | 15364.2 |
| 12915.6 | 52.5° | 12209.9 | 11504.4 | 11433.0 | 11361.5 | 12918.7 | 14475.8 | 16139.9 | 17804.0 | 18778.7 | 17804.0 |
| 14712.7 | 55°   | 14015.6 | 13318.4 | 13040.2 | 12762.1 | 14495.1 | 16228.0 | 18211.9 | 20195.8 | 21355.1 | 20195.8 |
| 16347.3 | 57.5° | 15967.7 | 15587.9 | 15030.0 | 14472.2 | 16222.1 | 17972.0 | 20219.1 | 22466.0 | 23903.6 | 22466.0 |
| 17335.3 | 60°   | 17924.9 | 18514.8 | 17822.0 | 17129.2 | 18785.1 | 20441.1 | 22847.0 | 25252.9 | 26806.6 | 25252.9 |
| 16833.6 | 62.5° | 18444.9 | 20056.2 | 19978.1 | 19899.9 | 21416.9 | 22934.0 | 25223.0 | 27511.9 | 28948.0 | 27511.9 |
| 15829.6 | 65°   | 17341.8 | 18854.1 | 19153.4 | 19452.5 | 21380.3 | 23308.2 | 25527.8 | 27747.2 | 28970.0 | 27747.2 |
| 14484.3 | 67.5° | 15922.6 | 17360.9 | 17501.2 | 17641.4 | 19650.0 | 21658.6 | 23887.7 | 26116.8 | 27074.7 | 26116.8 |
| 12868.0 | 70°   | 14432.4 | 15997.0 | 16059.7 | 16122.5 | 17918.8 | 19714.9 | 21633.2 | 23551.4 | 24083.8 | 23551.4 |
| 10941.9 | 72.5° | 12737.2 | 14532.6 | 14577.7 | 14622.7 | 16028.0 | 17433.4 | 18870.1 | 20306.7 | 20360.6 | 20306.7 |
| 8505.4  | 75°   | 10363.5 | 12221.6 | 12388.4 | 12555.3 | 13648.6 | 14742.0 | 15753.4 | 16764.8 | 16493.8 | 16764.8 |
| 6077.0  | 77.5° | 7811.4  | 9546.1  | 9784.8  | 10023.6 | 10854.8 | 11686.0 | 12403.2 | 13120.6 | 12654.9 | 13120.6 |
| 3977.3  | 80°   | 5436.6  | 6895.7  | 7192.5  | 7489.2  | 8117.0  | 8744.5  | 9121.2  | 9497.7  | 8748.6  | 9497.7  |
| 2312.0  | 82.5° | 3309.6  | 4307.3  | 4638.8  | 4970.4  | 5402.5  | 5834.6  | 5991.7  | 6148.7  | 5559.9  | 6148.7  |
| 1017.2  | 85°   | 1546.7  | 2076.2  | 2358.1  | 2640.1  | 2995.1  | 3350.0  | 3439.2  | 3528.4  | 3056.8  | 3528.4  |
| 314.9   | 87.5° | 492.9   | 670.8   | 828.1   | 985.4   | 1163.0  | 1340.5  | 1348.1  | 1355.6  | 1138.1  | 1355.6  |
| 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°    |
|---------|-------|---------|---------|---------|---------|---------|---------|---------|
| 3817.0  | 0°    | 3817.0  | 3817.0  | 3817.0  | 3817.0  | 3817.0  | 3817.0  | 3817.0  |
| 4213.2  | 2.5°  | 4206.6  | 4193.4  | 4180.2  | 4158.1  | 4136.0  | 4120.3  | 4104.8  |
| 4706.9  | 5°    | 4689.2  | 4659.9  | 4630.6  | 4576.5  | 4522.6  | 4468.2  | 4413.8  |
| 5181.9  | 7.5°  | 5156.0  | 5108.1  | 5060.2  | 4980.7  | 4901.1  | 4812.8  | 4724.3  |
| 5496.1  | 10°   | 5470.9  | 5414.6  | 5358.1  | 5264.8  | 5171.5  | 5066.9  | 4962.3  |
| 5598.9  | 12.5° | 5585.1  | 5544.1  | 5503.1  | 5419.0  | 5334.7  | 5221.4  | 5108.1  |
| 5486.4  | 15°   | 5501.1  | 5499.6  | 5498.1  | 5445.1  | 5392.2  | 5294.5  | 5196.7  |
| 5207.5  | 17.5° | 5261.9  | 5321.2  | 5380.5  | 5379.6  | 5378.6  | 5312.6  | 5246.5  |
| 4851.2  | 20°   | 4946.5  | 5077.5  | 5208.4  | 5278.0  | 5347.6  | 5324.4  | 5301.4  |
| 4512.1  | 22.5° | 4631.3  | 4823.9  | 5016.5  | 5160.7  | 5304.8  | 5335.0  | 5365.1  |
| 4225.9  | 25°   | 4351.3  | 4585.2  | 4819.1  | 5037.9  | 5256.7  | 5352.0  | 5447.2  |
| 3996.5  | 27.5° | 4119.9  | 4379.1  | 4638.4  | 4928.1  | 5217.9  | 5388.3  | 5558.5  |
| 3832.9  | 30°   | 3947.3  | 4217.4  | 4487.5  | 4844.3  | 5201.1  | 5454.8  | 5708.6  |
| 3786.1  | 32.5° | 3875.8  | 4129.7  | 4383.5  | 4787.2  | 5190.8  | 5538.3  | 5885.8  |
| 4035.9  | 35°   | 4056.9  | 4233.1  | 4409.4  | 4829.9  | 5250.6  | 5675.8  | 6101.1  |
| 4771.4  | 37.5° | 4675.6  | 4687.0  | 4698.4  | 5080.7  | 5463.0  | 5963.3  | 6463.6  |
| 5988.8  | 40°   | 5755.9  | 5555.2  | 5354.6  | 5638.9  | 5923.2  | 6467.3  | 7011.4  |
| 7629.5  | 42.5° | 7205.9  | 6768.3  | 6330.7  | 6494.4  | 6658.2  | 7198.0  | 7737.9  |
| 9618.9  | 45°   | 8922.8  | 8221.6  | 7520.4  | 7592.8  | 7665.0  | 8150.1  | 8635.0  |
| 11825.7 | 47.5° | 10806.7 | 9795.5  | 8784.0  | 8798.6  | 8813.3  | 9285.2  | 9757.0  |
| 14019.2 | 50°   | 12674.2 | 11370.6 | 10067.1 | 10064.6 | 10062.1 | 10644.7 | 11227.5 |
| 16139.9 | 52.5° | 14475.8 | 12918.7 | 11361.5 | 11433.0 | 11504.4 | 12209.9 | 12915.6 |
| 18211.9 | 55°   | 16228.0 | 14495.1 | 12762.1 | 13040.2 | 13318.4 | 14015.6 | 14712.7 |
| 20219.1 | 57.5° | 17972.0 | 16222.1 | 14472.2 | 15030.0 | 15587.9 | 15967.7 | 16347.3 |
| 22847.0 | 60°   | 20441.1 | 18785.1 | 17129.2 | 17822.0 | 18514.8 | 17924.9 | 17335.3 |
| 25223.0 | 62.5° | 22934.0 | 21416.9 | 19899.9 | 19978.1 | 20056.2 | 18444.9 | 16833.6 |
| 25527.8 | 65°   | 23308.2 | 21380.3 | 19452.5 | 19153.4 | 18854.1 | 17341.8 | 15829.6 |
| 23887.7 | 67.5° | 21658.6 | 19650.0 | 17641.4 | 17501.2 | 17360.9 | 15922.6 | 14484.3 |
| 21633.2 | 70°   | 19714.9 | 17918.8 | 16122.5 | 16059.7 | 15997.0 | 14432.4 | 12868.0 |
| 18870.1 | 72.5° | 17433.4 | 16028.0 | 14622.7 | 14577.7 | 14532.6 | 12737.2 | 10941.9 |
| 15753.4 | 75°   | 14742.0 | 13648.6 | 12555.3 | 12388.4 | 12221.6 | 10363.5 | 8505.4  |
| 12403.2 | 77.5° | 11686.0 | 10854.8 | 10023.6 | 9784.8  | 9546.1  | 7811.4  | 6077.0  |
| 9121.2  | 80°   | 8744.5  | 8117.0  | 7489.2  | 7192.5  | 6895.7  | 5436.6  | 3977.3  |
| 5991.7  | 82.5° | 5834.6  | 5402.5  | 4970.4  | 4638.8  | 4307.3  | 3309.6  | 2312.0  |
| 3439.2  | 85°   | 3350.0  | 2995.1  | 2640.1  | 2358.1  | 2076.2  | 1546.7  | 1017.2  |
| 1348.1  | 87.5° | 1340.5  | 1163.0  | 985.4   | 828.1   | 670.8   | 492.9   | 314.9   |
| 0.0     | 90°   | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |

(END OF REPORT)