

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: P949672

Luminaire Tested: **GALN-SB4B-835-U-SLR**

Issue Date: 1/21/2025

**Test Information**

Test Method: LM-79-08  
Report Number: P949672  
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-SB4B-835-U-SLR  
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE  
(4) 80 CRI, 3500K, 450mA LIGHTSQUARES WITH 26 LEDS EACH AND SPILL LIGHT  
ELIMINATOR RIGHT OPTICS  
Light Source: -  
Ballast/Driver: -

**Summary**

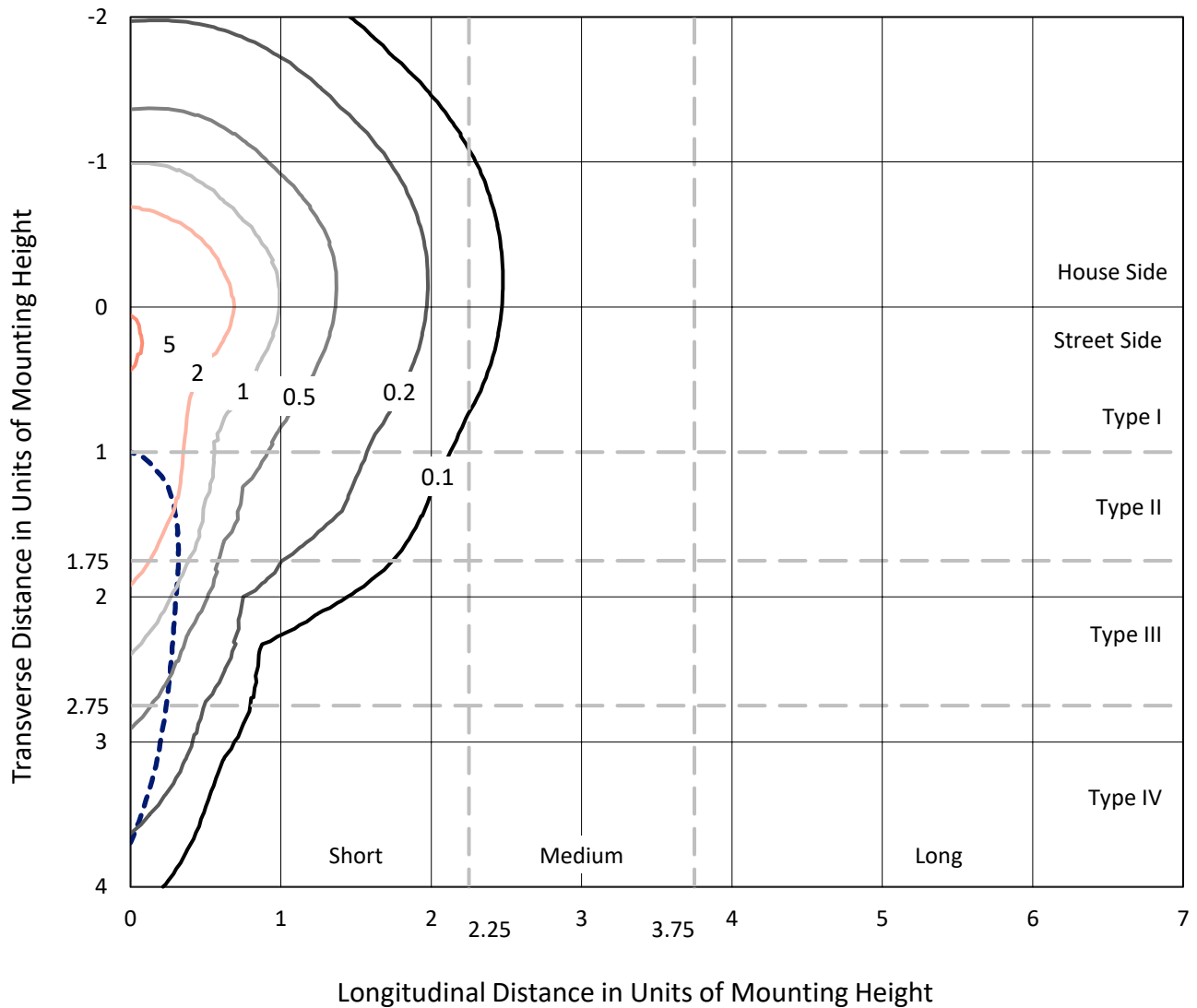
Lumens per Lamp: N/A  
Luminaire Lumens: 20858 lumens  
Efficiency: N/A  
Efficacy: 141.9 lumens/watt  
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')  
IES Classification: Type IV - Short  
BUG Rating: B3 - U0 - G4  
  
Input Watts (W): 147  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage 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

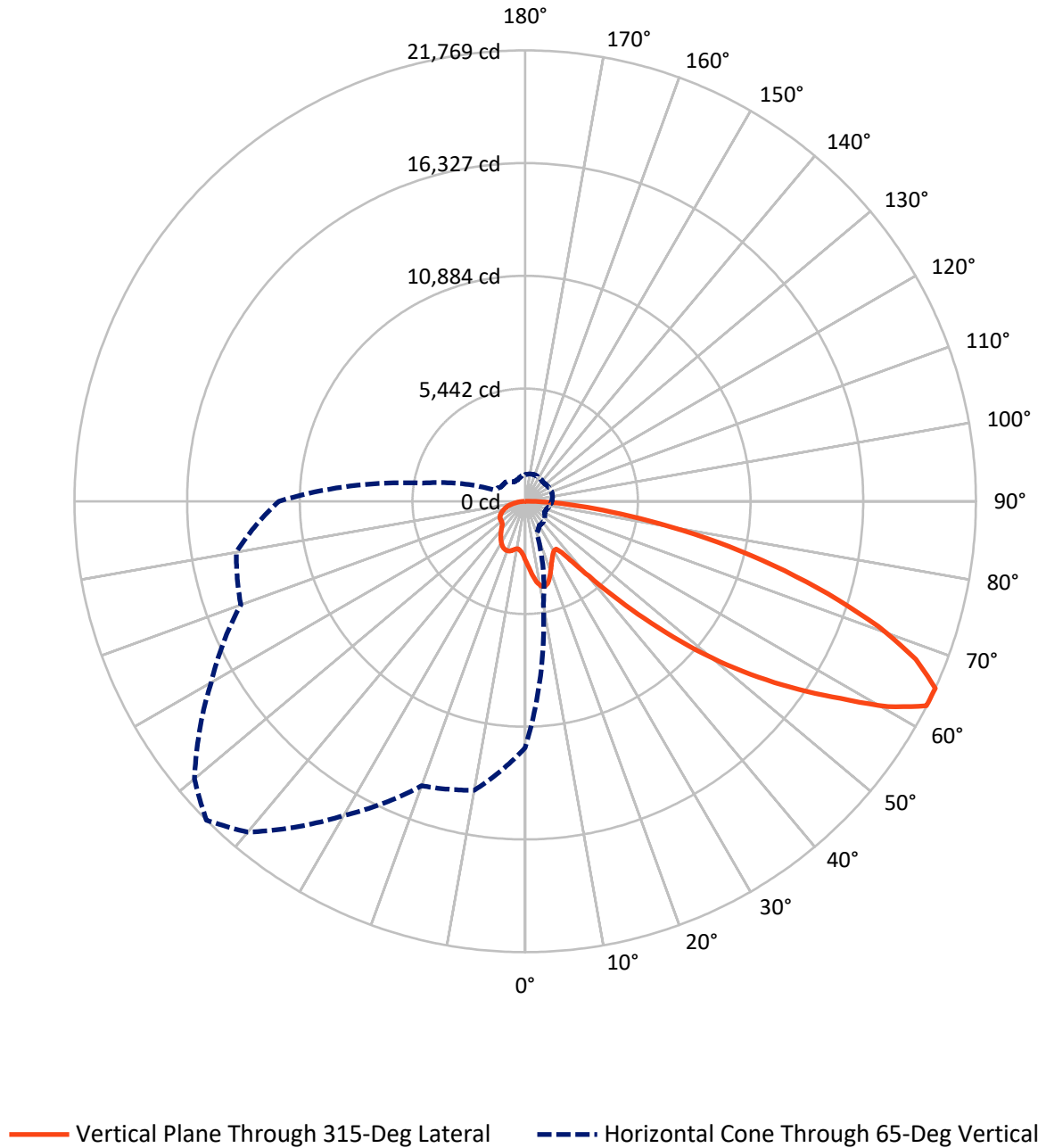
× Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 5.7 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    | 5301.1   | 0.0    | 5301.1  |
|                    | % Fixture | 25.4     | 0.0    | 25.4    |
| <b>Street Side</b> | Lumens    | 15556.9  | 0.0    | 15556.9 |
|                    | % Fixture | 74.6     | 0.0    | 74.6    |
| <b>Total</b>       | Lumens    | 20858.0  | 0.0    | 20858.0 |
|                    | % Fixture | 100.0    | 0.0    | 100.0   |

**ZONAL LUMENS:**

| Zone      | Lumens  | % Fixture |
|-----------|---------|-----------|
| 0°-10°    | 284.5   | 1.4       |
| 10°-20°   | 893.2   | 4.3       |
| 20°-30°   | 1379.6  | 6.6       |
| 30°-40°   | 1748.3  | 8.4       |
| 40°-50°   | 2636.9  | 12.6      |
| 50°-60°   | 4260.3  | 20.4      |
| 60°-70°   | 5311.2  | 25.5      |
| 70°-80°   | 3482.8  | 16.7      |
| 80°-90°   | 861.0   | 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°    | 20858.0 | 100.0     |
| 0°-180°   | 20858.0 | 100.0     |

**Coefficient of Utilization**



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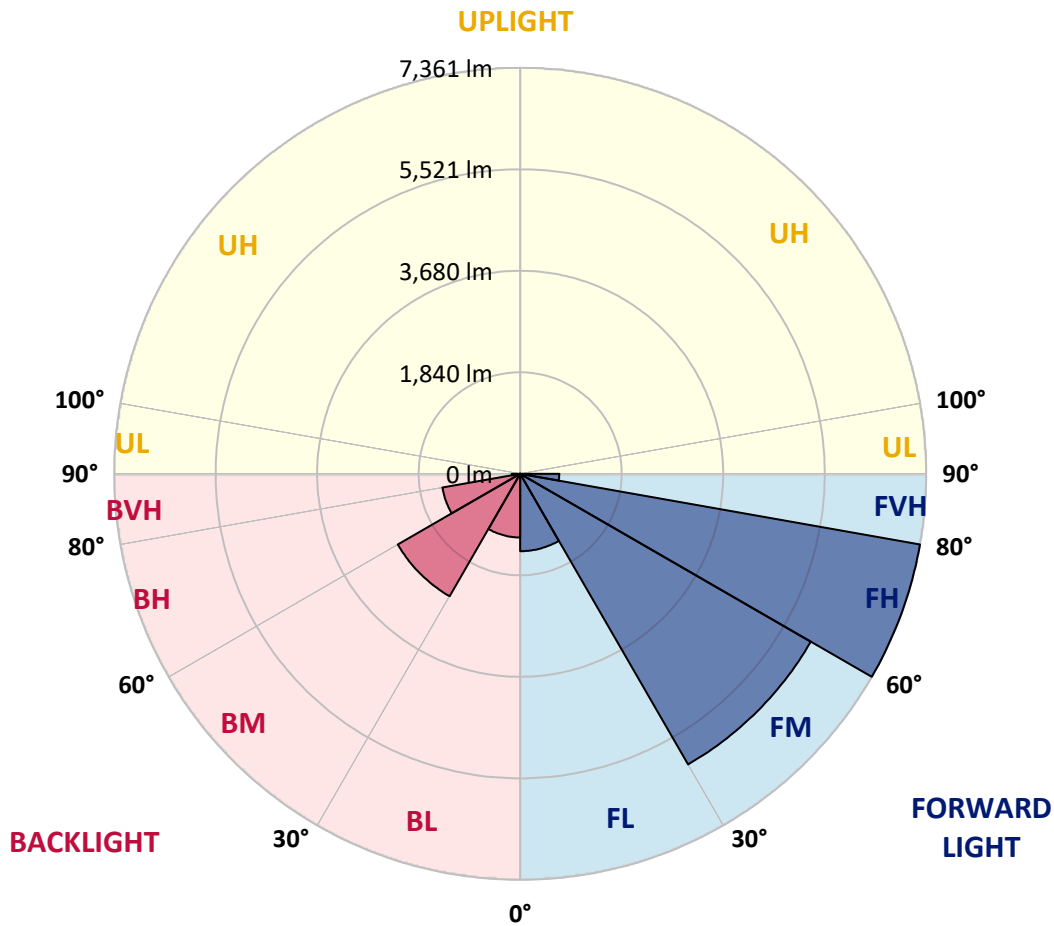
CATALOG NUMBER: GALN-SB4B-835-U-SLR

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

| Zone           | Lumens | % Fixture | Zone Rating/Lumen Limit |      |         |
|----------------|--------|-----------|-------------------------|------|---------|
|                |        |           | B                       | U    | G       |
| FL (0°-30°)    | 1402.9 | 6.7       |                         |      |         |
| FM (30°-60°)   | 6083.8 | 29.2      |                         |      |         |
| FH (60°-80°)   | 7360.9 | 35.3      |                         |      | G3/7500 |
| FVH (80°-90°)  | 709.3  | 3.4       |                         |      | G4/750  |
| BL (0°-30°)    | 1154.4 | 5.5       | B3/2500                 |      |         |
| BM (30°-60°)   | 2561.8 | 12.3      | B3/5000                 |      |         |
| BH (60°-80°)   | 1433.2 | 6.9       | B3/2500                 |      | G3/2500 |
| BVH (80°-90°)  | 151.7  | 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-G4**

Type IV Short



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**CANDELA DISTRIBUTION (FULL):**

|       | 0°      | 5°     | 10°    | 15°    | 20°    | 25°    | 30°    | 35°    | 40°    | 45°    |
|-------|---------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 2868.2  | 2868.2 | 2868.2 | 2868.2 | 2868.2 | 2868.2 | 2868.2 | 2868.2 | 2868.2 | 2868.2 |
| 2.5°  | 3084.4  | 3060.8 | 3037.1 | 3011.9 | 2986.8 | 2961.5 | 2936.2 | 2912.0 | 2887.7 | 2864.3 |
| 5°    | 3316.6  | 3264.4 | 3212.1 | 3159.9 | 3107.9 | 3055.4 | 3003.0 | 2954.0 | 2905.0 | 2858.8 |
| 7.5°  | 3550.0  | 3463.7 | 3377.5 | 3297.8 | 3218.1 | 3140.6 | 3063.0 | 2994.6 | 2926.3 | 2863.2 |
| 10°   | 3728.8  | 3619.8 | 3510.7 | 3405.4 | 3300.1 | 3205.9 | 3111.6 | 3030.8 | 2949.8 | 2872.0 |
| 12.5° | 3838.3  | 3718.5 | 3598.7 | 3479.4 | 3360.1 | 3249.0 | 3137.8 | 3046.3 | 2954.9 | 2873.1 |
| 15°   | 3904.9  | 3780.0 | 3655.1 | 3525.7 | 3396.2 | 3268.2 | 3140.2 | 3034.3 | 2928.5 | 2837.9 |
| 17.5° | 3942.3  | 3815.7 | 3689.0 | 3547.8 | 3406.6 | 3258.0 | 3109.4 | 2982.1 | 2854.7 | 2748.2 |
| 20°   | 3983.6  | 3852.0 | 3720.2 | 3565.1 | 3409.9 | 3229.8 | 3049.8 | 2891.9 | 2734.1 | 2610.1 |
| 22.5° | 4031.5  | 3897.0 | 3762.4 | 3588.4 | 3414.3 | 3195.3 | 2976.2 | 2786.2 | 2596.1 | 2454.9 |
| 25°   | 4093.1  | 3961.3 | 3829.5 | 3630.6 | 3431.7 | 3161.1 | 2890.7 | 2668.1 | 2445.5 | 2300.8 |
| 27.5° | 4176.8  | 4051.1 | 3925.3 | 3696.7 | 3468.0 | 3138.4 | 2808.7 | 2560.1 | 2311.5 | 2179.7 |
| 30°   | 4289.6  | 4168.1 | 4046.7 | 3782.2 | 3517.7 | 3127.7 | 2737.4 | 2469.8 | 2202.3 | 2091.7 |
| 32.5° | 4422.7  | 4302.5 | 4182.3 | 3871.5 | 3560.6 | 3114.5 | 2668.1 | 2392.0 | 2115.9 | 2026.7 |
| 35°   | 4584.5  | 4469.4 | 4354.2 | 3973.2 | 3592.1 | 3089.6 | 2587.3 | 2315.5 | 2043.8 | 1969.5 |
| 37.5° | 4856.9  | 4710.1 | 4563.3 | 4087.1 | 3610.8 | 3047.0 | 2483.2 | 2225.5 | 1967.9 | 1902.9 |
| 40°   | 5268.6  | 5054.6 | 4840.6 | 4231.7 | 3622.6 | 2988.3 | 2354.2 | 2118.1 | 1882.0 | 1823.1 |
| 42.5° | 5814.5  | 5505.6 | 5196.8 | 4420.9 | 3645.0 | 2927.8 | 2210.9 | 1999.6 | 1788.2 | 1734.0 |
| 45°   | 6488.6  | 6072.0 | 5655.4 | 4669.8 | 3684.2 | 2871.6 | 2059.0 | 1873.7 | 1688.3 | 1633.3 |
| 47.5° | 7331.6  | 6745.3 | 6158.9 | 4935.1 | 3711.2 | 2825.1 | 1939.0 | 1774.1 | 1609.1 | 1538.1 |
| 50°   | 8436.6  | 7552.7 | 6668.7 | 5181.2 | 3693.6 | 2774.5 | 1855.4 | 1707.9 | 1560.4 | 1467.1 |
| 52.5° | 9705.1  | 8400.9 | 7096.6 | 5341.0 | 3585.2 | 2689.0 | 1792.9 | 1664.3 | 1535.9 | 1428.6 |
| 55°   | 11055.5 | 9152.8 | 7250.2 | 5305.8 | 3361.2 | 2547.2 | 1733.2 | 1632.7 | 1532.3 | 1432.4 |
| 57.5° | 12283.8 | 9685.7 | 7087.6 | 5057.9 | 3028.3 | 2347.4 | 1666.3 | 1595.3 | 1524.3 | 1436.3 |
| 60°   | 13026.1 | 9818.9 | 6611.5 | 4596.6 | 2581.8 | 2087.8 | 1593.9 | 1538.1 | 1482.3 | 1424.2 |
| 62.5° | 12649.2 | 9258.1 | 5867.1 | 3972.9 | 2078.8 | 1777.2 | 1475.7 | 1438.6 | 1401.6 | 1394.5 |
| 65°   | 11894.7 | 8464.7 | 5034.7 | 3336.6 | 1638.6 | 1497.8 | 1357.0 | 1339.5 | 1322.0 | 1322.9 |
| 67.5° | 10883.8 | 7520.5 | 4157.2 | 2713.2 | 1269.2 | 1229.3 | 1189.2 | 1199.0 | 1208.7 | 1206.3 |
| 70°   | 9669.3  | 6490.2 | 3311.1 | 2136.3 | 961.4  | 972.8  | 984.2  | 1029.5 | 1074.7 | 1074.7 |
| 72.5° | 8222.0  | 5373.3 | 2524.8 | 1633.2 | 741.6  | 776.0  | 810.6  | 874.9  | 939.0  | 949.8  |
| 75°   | 6391.2  | 4093.0 | 1794.9 | 1185.3 | 575.8  | 607.1  | 638.3  | 710.3  | 782.3  | 832.1  |
| 77.5° | 4566.4  | 2864.7 | 1163.1 | 803.2  | 443.3  | 464.6  | 485.9  | 555.8  | 625.7  | 707.7  |
| 80°   | 2988.7  | 1845.7 | 702.7  | 517.5  | 332.4  | 341.2  | 350.0  | 409.2  | 468.3  | 566.3  |
| 82.5° | 1737.3  | 1068.2 | 399.3  | 318.3  | 237.5  | 239.0  | 240.8  | 284.4  | 328.0  | 411.6  |
| 85°   | 764.4   | 480.5  | 196.8  | 170.2  | 143.6  | 142.9  | 142.0  | 173.9  | 205.8  | 268.0  |
| 87.5° | 236.6   | 157.4  | 78.1   | 70.5   | 63.0   | 62.2   | 61.4   | 74.4   | 87.5   | 113.4  |
| 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°   |
|--------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 2868.2 | 0°    | 2868.2 | 2868.2 | 2868.2 | 2868.2 | 2868.2 | 2868.2 | 2868.2 | 2868.2 | 2868.2 | 2868.2 |
| 2838.2 | 2.5°  | 2817.1 | 2796.1 | 2777.0 | 2758.1 | 2741.5 | 2724.9 | 2708.1 | 2691.5 | 2678.6 | 2665.6 |
| 2813.1 | 5°    | 2773.3 | 2733.3 | 2699.9 | 2666.5 | 2637.0 | 2607.5 | 2580.8 | 2553.9 | 2533.4 | 2512.7 |
| 2804.1 | 7.5°  | 2751.1 | 2698.1 | 2654.1 | 2610.1 | 2573.0 | 2535.8 | 2503.0 | 2470.3 | 2445.7 | 2421.3 |
| 2808.5 | 10°   | 2752.6 | 2696.7 | 2652.7 | 2608.6 | 2568.7 | 2528.6 | 2491.8 | 2454.9 | 2425.6 | 2396.2 |
| 2814.0 | 12.5° | 2768.2 | 2722.7 | 2693.4 | 2664.3 | 2632.8 | 2601.6 | 2563.4 | 2525.3 | 2487.9 | 2450.5 |
| 2790.6 | 15°   | 2768.7 | 2746.9 | 2750.8 | 2754.8 | 2746.6 | 2738.5 | 2705.4 | 2672.2 | 2619.0 | 2565.7 |
| 2719.0 | 17.5° | 2727.1 | 2735.0 | 2783.0 | 2831.0 | 2856.5 | 2881.9 | 2855.2 | 2828.5 | 2758.0 | 2687.4 |
| 2602.4 | 20°   | 2639.8 | 2677.2 | 2760.5 | 2843.9 | 2897.3 | 2950.7 | 2938.4 | 2925.9 | 2845.3 | 2764.7 |
| 2470.0 | 22.5° | 2525.3 | 2580.7 | 2675.8 | 2771.1 | 2840.5 | 2910.0 | 2917.5 | 2924.8 | 2847.8 | 2770.8 |
| 2341.5 | 25°   | 2405.4 | 2469.2 | 2554.7 | 2640.3 | 2708.7 | 2777.0 | 2802.6 | 2828.0 | 2764.8 | 2701.7 |
| 2229.3 | 27.5° | 2290.9 | 2352.5 | 2422.9 | 2493.1 | 2547.9 | 2602.7 | 2631.1 | 2659.6 | 2614.6 | 2569.7 |
| 2130.5 | 30°   | 2179.4 | 2228.5 | 2286.8 | 2345.2 | 2390.6 | 2436.2 | 2459.3 | 2482.4 | 2448.2 | 2413.8 |
| 2044.0 | 32.5° | 2073.0 | 2101.9 | 2148.5 | 2195.1 | 2238.7 | 2282.4 | 2308.1 | 2333.8 | 2302.3 | 2270.8 |
| 1962.4 | 35°   | 1970.3 | 1978.3 | 2013.9 | 2049.3 | 2092.5 | 2135.7 | 2166.5 | 2197.3 | 2174.9 | 2152.5 |
| 1876.7 | 37.5° | 1867.9 | 1859.1 | 1884.7 | 1910.1 | 1953.1 | 1996.3 | 2034.3 | 2072.4 | 2062.1 | 2051.7 |
| 1783.0 | 40°   | 1763.0 | 1743.1 | 1761.5 | 1779.9 | 1821.5 | 1863.1 | 1906.9 | 1950.8 | 1953.3 | 1955.8 |
| 1683.4 | 42.5° | 1656.9 | 1630.5 | 1645.5 | 1660.6 | 1700.0 | 1739.5 | 1786.8 | 1834.1 | 1846.8 | 1859.5 |
| 1584.3 | 45°   | 1558.6 | 1532.9 | 1545.5 | 1558.2 | 1595.6 | 1633.1 | 1682.2 | 1731.2 | 1749.4 | 1767.6 |
| 1495.9 | 47.5° | 1474.4 | 1452.8 | 1464.7 | 1476.5 | 1513.1 | 1549.6 | 1598.1 | 1646.5 | 1667.4 | 1688.3 |
| 1418.1 | 50°   | 1399.0 | 1379.9 | 1398.4 | 1417.0 | 1451.6 | 1486.0 | 1529.4 | 1572.8 | 1599.6 | 1626.5 |
| 1360.1 | 52.5° | 1341.2 | 1322.4 | 1350.2 | 1377.9 | 1409.6 | 1441.2 | 1481.6 | 1522.1 | 1553.9 | 1585.7 |
| 1329.3 | 55°   | 1299.4 | 1269.5 | 1309.0 | 1348.5 | 1382.6 | 1416.7 | 1452.1 | 1487.5 | 1521.1 | 1554.9 |
| 1310.8 | 57.5° | 1267.2 | 1223.6 | 1266.1 | 1308.6 | 1348.7 | 1388.7 | 1423.7 | 1458.8 | 1492.8 | 1526.7 |
| 1293.4 | 60°   | 1237.0 | 1180.4 | 1217.7 | 1254.9 | 1300.9 | 1346.9 | 1382.5 | 1418.1 | 1452.2 | 1486.4 |
| 1273.2 | 62.5° | 1202.5 | 1132.0 | 1155.6 | 1179.3 | 1232.9 | 1286.6 | 1324.6 | 1362.5 | 1393.8 | 1425.1 |
| 1230.5 | 65°   | 1155.4 | 1080.2 | 1089.4 | 1098.4 | 1155.8 | 1213.4 | 1249.7 | 1286.0 | 1313.6 | 1341.1 |
| 1154.3 | 67.5° | 1091.8 | 1029.3 | 1026.4 | 1023.6 | 1076.6 | 1129.8 | 1164.2 | 1198.5 | 1222.3 | 1246.1 |
| 1057.7 | 70°   | 1013.2 | 968.7  | 958.8  | 948.9  | 995.6  | 1042.3 | 1072.0 | 1101.7 | 1123.2 | 1144.6 |
| 950.0  | 72.5° | 919.5  | 889.1  | 874.5  | 860.1  | 896.9  | 933.5  | 960.4  | 987.2  | 1008.3 | 1029.3 |
| 827.9  | 75°   | 804.4  | 780.9  | 767.0  | 753.0  | 780.3  | 807.6  | 831.9  | 856.3  | 875.4  | 894.6  |
| 705.5  | 77.5° | 686.7  | 667.8  | 653.8  | 639.7  | 661.9  | 684.0  | 704.9  | 725.8  | 746.0  | 766.0  |
| 565.9  | 80°   | 550.2  | 534.3  | 522.6  | 510.7  | 529.2  | 547.5  | 565.2  | 582.8  | 598.1  | 613.3  |
| 416.2  | 82.5° | 408.5  | 400.8  | 392.5  | 384.1  | 382.6  | 381.0  | 374.9  | 368.7  | 401.3  | 433.9  |
| 274.0  | 85°   | 265.8  | 257.5  | 248.2  | 238.8  | 230.9  | 222.9  | 205.8  | 188.8  | 219.2  | 249.8  |
| 121.1  | 87.5° | 117.8  | 114.5  | 112.7  | 110.9  | 110.6  | 110.3  | 97.3   | 84.2   | 97.0   | 109.8  |
| 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°   |
|--------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 2868.2 | 0°    | 2868.2 | 2868.2 | 2868.2 | 2868.2 | 2868.2 | 2868.2 | 2868.2 | 2868.2 | 2868.2 | 2868.2 |
| 2655.2 | 2.5°  | 2644.7 | 2636.6 | 2628.4 | 2621.0 | 2613.4 | 2604.0 | 2613.4 | 2621.0 | 2628.4 | 2636.6 |
| 2498.2 | 5°    | 2483.8 | 2473.6 | 2463.4 | 2455.5 | 2447.7 | 2440.0 | 2447.7 | 2455.5 | 2463.4 | 2473.6 |
| 2404.1 | 7.5°  | 2387.0 | 2375.2 | 2363.5 | 2356.5 | 2349.6 | 2344.3 | 2349.6 | 2356.5 | 2363.5 | 2375.2 |
| 2377.1 | 10°   | 2357.7 | 2346.6 | 2335.5 | 2329.5 | 2323.6 | 2321.2 | 2323.6 | 2329.5 | 2335.5 | 2346.6 |
| 2425.7 | 12.5° | 2401.0 | 2388.5 | 2376.2 | 2371.1 | 2366.1 | 2365.2 | 2366.1 | 2371.1 | 2376.2 | 2388.5 |
| 2528.1 | 15°   | 2490.4 | 2473.2 | 2456.0 | 2449.4 | 2442.8 | 2442.2 | 2442.8 | 2449.4 | 2456.0 | 2473.2 |
| 2632.0 | 17.5° | 2576.5 | 2551.0 | 2525.3 | 2517.0 | 2508.5 | 2507.2 | 2508.5 | 2517.0 | 2525.3 | 2551.0 |
| 2696.7 | 20°   | 2628.8 | 2596.1 | 2563.3 | 2552.8 | 2542.4 | 2539.1 | 2542.4 | 2552.8 | 2563.3 | 2596.1 |
| 2700.8 | 22.5° | 2630.6 | 2596.2 | 2561.6 | 2550.1 | 2538.5 | 2533.6 | 2538.5 | 2550.1 | 2561.6 | 2596.2 |
| 2639.5 | 25°   | 2577.4 | 2547.4 | 2517.6 | 2506.7 | 2495.9 | 2489.5 | 2495.9 | 2506.7 | 2517.6 | 2547.4 |
| 2521.4 | 27.5° | 2473.0 | 2453.0 | 2432.9 | 2427.9 | 2423.0 | 2421.3 | 2423.0 | 2427.9 | 2432.9 | 2453.0 |
| 2379.3 | 30°   | 2344.5 | 2334.3 | 2323.9 | 2323.9 | 2323.9 | 2325.6 | 2323.9 | 2323.9 | 2323.9 | 2334.3 |
| 2243.1 | 32.5° | 2215.5 | 2208.8 | 2202.1 | 2203.0 | 2203.9 | 2205.6 | 2203.9 | 2203.0 | 2202.1 | 2208.8 |
| 2127.0 | 35°   | 2101.6 | 2091.4 | 2081.2 | 2079.0 | 2076.8 | 2075.7 | 2076.8 | 2079.0 | 2081.2 | 2091.4 |
| 2028.3 | 37.5° | 2004.7 | 1986.1 | 1967.6 | 1957.9 | 1948.1 | 1942.6 | 1948.1 | 1957.9 | 1967.6 | 1986.1 |
| 1935.8 | 40°   | 1915.9 | 1888.8 | 1862.0 | 1843.7 | 1825.7 | 1814.9 | 1825.7 | 1843.7 | 1862.0 | 1888.8 |
| 1842.6 | 42.5° | 1825.9 | 1792.3 | 1758.8 | 1732.2 | 1705.7 | 1688.3 | 1705.7 | 1732.2 | 1758.8 | 1792.3 |
| 1752.4 | 45°   | 1737.3 | 1698.9 | 1660.6 | 1629.4 | 1598.3 | 1578.3 | 1598.3 | 1629.4 | 1660.6 | 1698.9 |
| 1677.7 | 47.5° | 1667.2 | 1633.1 | 1598.9 | 1570.1 | 1541.4 | 1522.1 | 1541.4 | 1570.1 | 1598.9 | 1633.1 |
| 1625.8 | 50°   | 1625.4 | 1598.1 | 1570.8 | 1544.1 | 1517.5 | 1499.0 | 1517.5 | 1544.1 | 1570.8 | 1598.1 |
| 1591.5 | 52.5° | 1597.2 | 1575.0 | 1552.7 | 1528.8 | 1505.1 | 1488.0 | 1505.1 | 1528.8 | 1552.7 | 1575.0 |
| 1562.8 | 55°   | 1570.8 | 1551.4 | 1532.0 | 1511.1 | 1490.2 | 1474.8 | 1490.2 | 1511.1 | 1532.0 | 1551.4 |
| 1534.8 | 57.5° | 1542.8 | 1523.2 | 1503.6 | 1482.9 | 1462.1 | 1446.2 | 1462.1 | 1482.9 | 1503.6 | 1523.2 |
| 1495.2 | 60°   | 1504.0 | 1484.8 | 1465.8 | 1444.4 | 1423.1 | 1406.6 | 1423.1 | 1444.4 | 1465.8 | 1484.8 |
| 1433.5 | 62.5° | 1442.0 | 1424.7 | 1407.4 | 1385.0 | 1362.5 | 1342.7 | 1362.5 | 1385.0 | 1407.4 | 1424.7 |
| 1349.8 | 65°   | 1358.4 | 1341.7 | 1325.1 | 1303.3 | 1281.6 | 1264.6 | 1281.6 | 1303.3 | 1325.1 | 1341.7 |
| 1254.6 | 67.5° | 1262.9 | 1247.6 | 1232.4 | 1212.2 | 1191.9 | 1176.5 | 1191.9 | 1212.2 | 1232.4 | 1247.6 |
| 1152.8 | 70°   | 1160.9 | 1148.5 | 1136.0 | 1116.7 | 1097.3 | 1079.7 | 1097.3 | 1116.7 | 1136.0 | 1148.5 |
| 1039.0 | 72.5° | 1048.6 | 1038.3 | 1028.0 | 1009.5 | 991.1  | 974.0  | 991.1  | 1009.5 | 1028.0 | 1038.3 |
| 904.7  | 75°   | 914.8  | 909.8  | 904.7  | 889.2  | 873.7  | 857.4  | 873.7  | 889.2  | 904.7  | 909.8  |
| 775.5  | 77.5° | 784.9  | 777.9  | 770.6  | 755.0  | 739.4  | 726.4  | 739.4  | 755.0  | 770.6  | 777.9  |
| 625.8  | 80°   | 638.3  | 635.3  | 632.3  | 611.3  | 590.1  | 565.7  | 590.1  | 611.3  | 632.3  | 635.3  |
| 455.2  | 82.5° | 476.6  | 475.2  | 473.8  | 456.1  | 438.3  | 422.6  | 438.3  | 456.1  | 473.8  | 475.2  |
| 276.2  | 85°   | 302.7  | 300.5  | 298.3  | 284.4  | 270.5  | 256.4  | 270.5  | 284.4  | 298.3  | 300.5  |
| 120.5  | 87.5° | 131.2  | 128.5  | 125.7  | 118.6  | 111.4  | 104.6  | 111.4  | 118.6  | 125.7  | 128.5  |
| 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):**

| 160°   |       | 165°   | 170°   | 175°   | 180°   | 185°   | 190°   | 195°   | 200°   | 205°   | 210°   |
|--------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 2868.2 | 0°    | 2868.2 | 2868.2 | 2868.2 | 2868.2 | 2868.2 | 2868.2 | 2868.2 | 2868.2 | 2868.2 | 2868.2 |
| 2644.7 | 2.5°  | 2655.2 | 2665.6 | 2678.6 | 2691.5 | 2708.1 | 2724.9 | 2741.5 | 2758.1 | 2777.0 | 2796.1 |
| 2483.8 | 5°    | 2498.2 | 2512.7 | 2533.4 | 2553.9 | 2580.8 | 2607.5 | 2637.0 | 2666.5 | 2699.9 | 2733.3 |
| 2387.0 | 7.5°  | 2404.1 | 2421.3 | 2445.7 | 2470.3 | 2503.0 | 2535.8 | 2573.0 | 2610.1 | 2654.1 | 2698.1 |
| 2357.7 | 10°   | 2377.1 | 2396.2 | 2425.6 | 2454.9 | 2491.8 | 2528.6 | 2568.7 | 2608.6 | 2652.7 | 2696.7 |
| 2401.0 | 12.5° | 2425.7 | 2450.5 | 2487.9 | 2525.3 | 2563.4 | 2601.6 | 2632.8 | 2664.3 | 2693.4 | 2722.7 |
| 2490.4 | 15°   | 2528.1 | 2565.7 | 2619.0 | 2672.2 | 2705.4 | 2738.5 | 2746.6 | 2754.8 | 2750.8 | 2746.9 |
| 2576.5 | 17.5° | 2632.0 | 2687.4 | 2758.0 | 2828.5 | 2855.2 | 2881.9 | 2856.5 | 2831.0 | 2783.0 | 2735.0 |
| 2628.8 | 20°   | 2696.7 | 2764.7 | 2845.3 | 2925.9 | 2938.4 | 2950.7 | 2897.3 | 2843.9 | 2760.5 | 2677.2 |
| 2630.6 | 22.5° | 2700.8 | 2770.8 | 2847.8 | 2924.8 | 2917.5 | 2910.0 | 2840.5 | 2771.1 | 2675.8 | 2580.7 |
| 2577.4 | 25°   | 2639.5 | 2701.7 | 2764.8 | 2828.0 | 2802.6 | 2777.0 | 2708.7 | 2640.3 | 2554.7 | 2469.2 |
| 2473.0 | 27.5° | 2521.4 | 2569.7 | 2614.6 | 2659.6 | 2631.1 | 2602.7 | 2547.9 | 2493.1 | 2422.9 | 2352.5 |
| 2344.5 | 30°   | 2379.3 | 2413.8 | 2448.2 | 2482.4 | 2459.3 | 2436.2 | 2390.6 | 2345.2 | 2286.8 | 2228.5 |
| 2215.5 | 32.5° | 2243.1 | 2270.8 | 2302.3 | 2333.8 | 2308.1 | 2282.4 | 2238.7 | 2195.1 | 2148.5 | 2101.9 |
| 2101.6 | 35°   | 2127.0 | 2152.5 | 2174.9 | 2197.3 | 2166.5 | 2135.7 | 2092.5 | 2049.3 | 2013.9 | 1978.3 |
| 2004.7 | 37.5° | 2028.3 | 2051.7 | 2062.1 | 2072.4 | 2034.3 | 1996.3 | 1953.1 | 1910.1 | 1884.7 | 1859.1 |
| 1915.9 | 40°   | 1935.8 | 1955.8 | 1953.3 | 1950.8 | 1906.9 | 1863.1 | 1821.5 | 1779.9 | 1761.5 | 1743.1 |
| 1825.9 | 42.5° | 1842.6 | 1859.5 | 1846.8 | 1834.1 | 1786.8 | 1739.5 | 1700.0 | 1660.6 | 1645.5 | 1630.5 |
| 1737.3 | 45°   | 1752.4 | 1767.6 | 1749.4 | 1731.2 | 1682.2 | 1633.1 | 1595.6 | 1558.2 | 1545.5 | 1532.9 |
| 1667.2 | 47.5° | 1677.7 | 1688.3 | 1667.4 | 1646.5 | 1598.1 | 1549.6 | 1513.1 | 1476.5 | 1464.7 | 1452.8 |
| 1625.4 | 50°   | 1625.8 | 1626.5 | 1599.6 | 1572.8 | 1529.4 | 1486.0 | 1451.6 | 1417.0 | 1398.4 | 1379.9 |
| 1597.2 | 52.5° | 1591.5 | 1585.7 | 1553.9 | 1522.1 | 1481.6 | 1441.2 | 1409.6 | 1377.9 | 1350.2 | 1322.4 |
| 1570.8 | 55°   | 1562.8 | 1554.9 | 1521.1 | 1487.5 | 1452.1 | 1416.7 | 1382.6 | 1348.5 | 1309.0 | 1269.5 |
| 1542.8 | 57.5° | 1534.8 | 1526.7 | 1492.8 | 1458.8 | 1423.7 | 1388.7 | 1348.7 | 1308.6 | 1266.1 | 1223.6 |
| 1504.0 | 60°   | 1495.2 | 1486.4 | 1452.2 | 1418.1 | 1382.5 | 1346.9 | 1300.9 | 1254.9 | 1217.7 | 1180.4 |
| 1442.0 | 62.5° | 1433.5 | 1425.1 | 1393.8 | 1362.5 | 1324.6 | 1286.6 | 1232.9 | 1179.3 | 1155.6 | 1132.0 |
| 1358.4 | 65°   | 1349.8 | 1341.1 | 1313.6 | 1286.0 | 1249.7 | 1213.4 | 1155.8 | 1098.4 | 1089.4 | 1080.2 |
| 1262.9 | 67.5° | 1254.6 | 1246.1 | 1222.3 | 1198.5 | 1164.2 | 1129.8 | 1076.6 | 1023.6 | 1026.4 | 1029.3 |
| 1160.9 | 70°   | 1152.8 | 1144.6 | 1123.2 | 1101.7 | 1072.0 | 1042.3 | 995.6  | 948.9  | 958.8  | 968.7  |
| 1048.6 | 72.5° | 1039.0 | 1029.3 | 1008.3 | 987.2  | 960.4  | 933.5  | 896.9  | 860.1  | 874.5  | 889.1  |
| 914.8  | 75°   | 904.7  | 894.6  | 875.4  | 856.3  | 831.9  | 807.6  | 780.3  | 753.0  | 767.0  | 780.9  |
| 784.9  | 77.5° | 775.5  | 766.0  | 746.0  | 725.8  | 704.9  | 684.0  | 661.9  | 639.7  | 653.8  | 667.8  |
| 638.3  | 80°   | 625.8  | 613.3  | 598.1  | 582.8  | 565.2  | 547.5  | 529.2  | 510.7  | 522.6  | 534.3  |
| 476.6  | 82.5° | 455.2  | 433.9  | 401.3  | 368.7  | 374.9  | 381.0  | 382.6  | 384.1  | 392.5  | 400.8  |
| 302.7  | 85°   | 276.2  | 249.8  | 219.2  | 188.8  | 205.8  | 222.9  | 230.9  | 238.8  | 248.2  | 257.5  |
| 131.2  | 87.5° | 120.5  | 109.8  | 97.0   | 84.2   | 97.3   | 110.3  | 110.6  | 110.9  | 112.7  | 114.5  |
| 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°   |
|--------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 2868.2 | 0°    | 2868.2 | 2868.2 | 2868.2 | 2868.2 | 2868.2 | 2868.2 | 2868.2 | 2868.2 | 2868.2 | 2868.2 |
| 2817.1 | 2.5°  | 2838.2 | 2864.3 | 2887.7 | 2912.0 | 2936.2 | 2961.5 | 2986.8 | 3011.9 | 3037.1 | 3060.8 |
| 2773.3 | 5°    | 2813.1 | 2858.8 | 2905.0 | 2954.0 | 3003.0 | 3055.4 | 3107.9 | 3159.9 | 3212.1 | 3264.4 |
| 2751.1 | 7.5°  | 2804.1 | 2863.2 | 2926.3 | 2994.6 | 3063.0 | 3140.6 | 3218.1 | 3297.8 | 3377.5 | 3463.7 |
| 2752.6 | 10°   | 2808.5 | 2872.0 | 2949.8 | 3030.8 | 3111.6 | 3205.9 | 3300.1 | 3405.4 | 3510.7 | 3619.8 |
| 2768.2 | 12.5° | 2814.0 | 2873.1 | 2954.9 | 3046.3 | 3137.8 | 3249.0 | 3360.1 | 3479.4 | 3598.7 | 3718.5 |
| 2768.7 | 15°   | 2790.6 | 2837.9 | 2928.5 | 3034.3 | 3140.2 | 3268.2 | 3396.2 | 3525.7 | 3655.1 | 3780.0 |
| 2727.1 | 17.5° | 2719.0 | 2748.2 | 2854.7 | 2982.1 | 3109.4 | 3258.0 | 3406.6 | 3547.8 | 3689.0 | 3815.7 |
| 2639.8 | 20°   | 2602.4 | 2610.1 | 2734.1 | 2891.9 | 3049.8 | 3229.8 | 3409.9 | 3565.1 | 3720.2 | 3852.0 |
| 2525.3 | 22.5° | 2470.0 | 2454.9 | 2596.1 | 2786.2 | 2976.2 | 3195.3 | 3414.3 | 3588.4 | 3762.4 | 3897.0 |
| 2405.4 | 25°   | 2341.5 | 2300.8 | 2445.5 | 2668.1 | 2890.7 | 3161.1 | 3431.7 | 3630.6 | 3829.5 | 3961.3 |
| 2290.9 | 27.5° | 2229.3 | 2179.7 | 2311.5 | 2560.1 | 2808.7 | 3138.4 | 3468.0 | 3696.7 | 3925.3 | 4051.1 |
| 2179.4 | 30°   | 2130.5 | 2091.7 | 2202.3 | 2469.8 | 2737.4 | 3127.7 | 3517.7 | 3782.2 | 4046.7 | 4168.1 |
| 2073.0 | 32.5° | 2044.0 | 2026.7 | 2115.9 | 2392.0 | 2668.1 | 3114.5 | 3560.6 | 3871.5 | 4182.3 | 4302.5 |
| 1970.3 | 35°   | 1962.4 | 1969.5 | 2043.8 | 2315.5 | 2587.3 | 3089.6 | 3592.1 | 3973.2 | 4354.2 | 4469.4 |
| 1867.9 | 37.5° | 1876.7 | 1902.9 | 1967.9 | 2225.5 | 2483.2 | 3047.0 | 3610.8 | 4087.1 | 4563.3 | 4710.1 |
| 1763.0 | 40°   | 1783.0 | 1823.1 | 1882.0 | 2118.1 | 2354.2 | 2988.3 | 3622.6 | 4231.7 | 4840.6 | 5054.6 |
| 1656.9 | 42.5° | 1683.4 | 1734.0 | 1788.2 | 1999.6 | 2210.9 | 2927.8 | 3645.0 | 4420.9 | 5196.8 | 5505.6 |
| 1558.6 | 45°   | 1584.3 | 1633.3 | 1688.3 | 1873.7 | 2059.0 | 2871.6 | 3684.2 | 4669.8 | 5655.4 | 6072.0 |
| 1474.4 | 47.5° | 1495.9 | 1538.1 | 1609.1 | 1774.1 | 1939.0 | 2825.1 | 3711.2 | 4935.1 | 6158.9 | 6745.3 |
| 1399.0 | 50°   | 1418.1 | 1467.1 | 1560.4 | 1707.9 | 1855.4 | 2774.5 | 3693.6 | 5181.2 | 6668.7 | 7552.7 |
| 1341.2 | 52.5° | 1360.1 | 1428.6 | 1535.9 | 1664.3 | 1792.9 | 2689.0 | 3585.2 | 5341.0 | 7096.6 | 8400.9 |
| 1299.4 | 55°   | 1329.3 | 1432.4 | 1532.3 | 1632.7 | 1733.2 | 2547.2 | 3361.2 | 5305.8 | 7250.2 | 9152.8 |
| 1267.2 | 57.5° | 1310.8 | 1436.3 | 1524.3 | 1595.3 | 1666.3 | 2347.4 | 3028.3 | 5057.9 | 7087.6 | 9685.7 |
| 1237.0 | 60°   | 1293.4 | 1424.2 | 1482.3 | 1538.1 | 1593.9 | 2087.8 | 2581.8 | 4596.6 | 6611.5 | 9818.9 |
| 1202.5 | 62.5° | 1273.2 | 1394.5 | 1401.6 | 1438.6 | 1475.7 | 1777.2 | 2078.8 | 3972.9 | 5867.1 | 9258.1 |
| 1155.4 | 65°   | 1230.5 | 1322.9 | 1322.0 | 1339.5 | 1357.0 | 1497.8 | 1638.6 | 3336.6 | 5034.7 | 8464.7 |
| 1091.8 | 67.5° | 1154.3 | 1206.3 | 1208.7 | 1199.0 | 1189.2 | 1229.3 | 1269.2 | 2713.2 | 4157.2 | 7520.5 |
| 1013.2 | 70°   | 1057.7 | 1074.7 | 1074.7 | 1029.5 | 984.2  | 972.8  | 961.4  | 2136.3 | 3311.1 | 6490.2 |
| 919.5  | 72.5° | 950.0  | 949.8  | 939.0  | 874.9  | 810.6  | 776.0  | 741.6  | 1633.2 | 2524.8 | 5373.3 |
| 804.4  | 75°   | 827.9  | 832.1  | 782.3  | 710.3  | 638.3  | 607.1  | 575.8  | 1185.3 | 1794.9 | 4093.0 |
| 686.7  | 77.5° | 705.5  | 707.7  | 625.7  | 555.8  | 485.9  | 464.6  | 443.3  | 803.2  | 1163.1 | 2864.7 |
| 550.2  | 80°   | 565.9  | 566.3  | 468.3  | 409.2  | 350.0  | 341.2  | 332.4  | 517.5  | 702.7  | 1845.7 |
| 408.5  | 82.5° | 416.2  | 411.6  | 328.0  | 284.4  | 240.8  | 239.0  | 237.5  | 318.3  | 399.3  | 1068.2 |
| 265.8  | 85°   | 274.0  | 268.0  | 205.8  | 173.9  | 142.0  | 142.9  | 143.6  | 170.2  | 196.8  | 480.5  |
| 117.8  | 87.5° | 121.1  | 113.4  | 87.5   | 74.4   | 61.4   | 62.2   | 63.0   | 70.5   | 78.1   | 157.4  |
| 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°    |
|---------|-------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 2868.2  | 0°    | 2868.2  | 2868.2  | 2868.2  | 2868.2  | 2868.2  | 2868.2  | 2868.2  | 2868.2  | 2868.2  | 2868.2  |
| 3084.4  | 2.5°  | 3096.1  | 3107.9  | 3124.5  | 3141.1  | 3151.0  | 3160.9  | 3165.9  | 3170.8  | 3168.6  | 3170.8  |
| 3316.6  | 5°    | 3357.5  | 3398.4  | 3438.9  | 3479.5  | 3501.5  | 3523.6  | 3536.9  | 3550.3  | 3560.4  | 3550.3  |
| 3550.0  | 7.5°  | 3616.5  | 3682.8  | 3742.6  | 3802.3  | 3838.3  | 3874.3  | 3893.8  | 3913.2  | 3922.5  | 3913.2  |
| 3728.8  | 10°   | 3807.4  | 3886.0  | 3956.1  | 4026.2  | 4068.7  | 4110.9  | 4129.9  | 4148.7  | 4155.9  | 4148.7  |
| 3838.3  | 12.5° | 3923.5  | 4008.6  | 4072.0  | 4135.2  | 4166.0  | 4196.8  | 4207.1  | 4217.5  | 4218.6  | 4217.5  |
| 3904.9  | 15°   | 3978.4  | 4051.8  | 4091.6  | 4131.4  | 4132.5  | 4133.6  | 4122.6  | 4111.6  | 4098.6  | 4111.6  |
| 3942.3  | 17.5° | 3992.0  | 4041.6  | 4042.4  | 4043.0  | 3998.5  | 3953.9  | 3913.1  | 3872.1  | 3843.3  | 3872.1  |
| 3983.6  | 20°   | 4000.9  | 4018.3  | 3966.0  | 3913.7  | 3815.3  | 3716.9  | 3645.3  | 3573.6  | 3529.6  | 3573.6  |
| 4031.5  | 22.5° | 4008.8  | 3986.1  | 3877.8  | 3769.5  | 3624.8  | 3480.1  | 3390.5  | 3300.9  | 3252.3  | 3300.9  |
| 4093.1  | 25°   | 4021.6  | 3950.0  | 3785.6  | 3621.2  | 3445.4  | 3269.7  | 3175.4  | 3081.5  | 3035.4  | 3081.5  |
| 4176.8  | 27.5° | 4048.9  | 3920.9  | 3703.1  | 3485.4  | 3290.6  | 3095.8  | 3003.1  | 2910.5  | 2867.1  | 2910.5  |
| 4289.6  | 30°   | 4098.8  | 3908.2  | 3640.1  | 3372.0  | 3169.1  | 2966.1  | 2880.2  | 2794.2  | 2753.7  | 2794.2  |
| 4422.7  | 32.5° | 4161.6  | 3900.5  | 3597.2  | 3293.9  | 3103.1  | 2912.4  | 2844.9  | 2777.4  | 2748.2  | 2777.4  |
| 4584.5  | 35°   | 4264.9  | 3945.4  | 3629.3  | 3313.3  | 3180.8  | 3048.4  | 3032.7  | 3017.0  | 3014.5  | 3017.0  |
| 4856.9  | 37.5° | 4481.0  | 4105.0  | 3817.7  | 3530.5  | 3521.9  | 3513.3  | 3585.3  | 3657.3  | 3694.7  | 3657.3  |
| 5268.6  | 40°   | 4859.7  | 4450.8  | 4237.2  | 4023.6  | 4174.3  | 4325.1  | 4500.1  | 4675.1  | 4762.3  | 4675.1  |
| 5814.5  | 42.5° | 5408.8  | 5003.1  | 4880.0  | 4757.0  | 5085.9  | 5414.7  | 5733.0  | 6051.3  | 6238.2  | 6051.3  |
| 6488.6  | 45°   | 6124.2  | 5759.6  | 5705.4  | 5651.0  | 6177.9  | 6704.8  | 7227.8  | 7751.0  | 8068.5  | 7751.0  |
| 7331.6  | 47.5° | 6977.1  | 6622.5  | 6611.5  | 6600.5  | 7360.6  | 8120.4  | 8886.1  | 9651.7  | 10101.3 | 9651.7  |
| 8436.6  | 50°   | 7998.7  | 7560.9  | 7562.7  | 7564.6  | 8544.2  | 9523.7  | 10534.4 | 11545.0 | 12156.1 | 11545.0 |
| 9705.1  | 52.5° | 9174.8  | 8644.6  | 8591.0  | 8537.3  | 9707.4  | 10877.4 | 12127.9 | 13378.3 | 14110.7 | 13378.3 |
| 11055.5 | 55°   | 10531.6 | 10007.7 | 9798.7  | 9589.7  | 10891.9 | 12194.1 | 13684.8 | 15175.6 | 16046.7 | 15175.6 |
| 12283.8 | 57.5° | 11998.5 | 11713.1 | 11293.9 | 10874.8 | 12189.7 | 13504.5 | 15193.1 | 16881.5 | 17961.7 | 16881.5 |
| 13026.1 | 60°   | 13469.2 | 13912.4 | 13391.8 | 12871.3 | 14115.6 | 15359.9 | 17167.8 | 18975.6 | 20143.1 | 18975.6 |
| 12649.2 | 62.5° | 13859.9 | 15070.7 | 15012.0 | 14953.3 | 16093.1 | 17233.1 | 18953.2 | 20673.1 | 21752.2 | 20673.1 |
| 11894.7 | 65°   | 13031.1 | 14167.4 | 14392.3 | 14617.0 | 16065.6 | 17514.3 | 19182.2 | 20849.9 | 21768.7 | 20849.9 |
| 10883.8 | 67.5° | 11964.6 | 13045.4 | 13150.8 | 13256.1 | 14765.5 | 16274.7 | 17949.7 | 19624.7 | 20344.5 | 19624.7 |
| 9669.3  | 70°   | 10844.8 | 12020.5 | 12067.6 | 12114.8 | 13464.6 | 14814.2 | 16255.7 | 17697.0 | 18097.1 | 17697.0 |
| 8222.0  | 72.5° | 9571.0  | 10920.1 | 10954.0 | 10987.8 | 12043.8 | 13099.9 | 14179.4 | 15258.9 | 15299.4 | 15258.9 |
| 6391.2  | 75°   | 7787.4  | 9183.6  | 9309.0  | 9434.3  | 10255.9 | 11077.5 | 11837.5 | 12597.4 | 12393.8 | 12597.4 |
| 4566.4  | 77.5° | 5869.7  | 7173.1  | 7352.5  | 7531.9  | 8156.5  | 8781.1  | 9320.1  | 9859.1  | 9509.2  | 9859.1  |
| 2988.7  | 80°   | 4085.2  | 5181.6  | 5404.6  | 5627.6  | 6099.3  | 6570.8  | 6853.9  | 7136.8  | 6573.9  | 7136.8  |
| 1737.3  | 82.5° | 2486.9  | 3236.6  | 3485.7  | 3734.9  | 4059.6  | 4384.2  | 4502.3  | 4620.3  | 4177.9  | 4620.3  |
| 764.4   | 85°   | 1162.2  | 1560.1  | 1772.0  | 1983.8  | 2250.6  | 2517.3  | 2584.3  | 2651.3  | 2296.9  | 2651.3  |
| 236.6   | 87.5° | 370.4   | 504.1   | 622.3   | 740.5   | 873.9   | 1007.3  | 1013.0  | 1018.6  | 855.2   | 1018.6  |
| 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°    |
|---------|-------|---------|---------|---------|---------|---------|---------|---------|
| 2868.2  | 0°    | 2868.2  | 2868.2  | 2868.2  | 2868.2  | 2868.2  | 2868.2  | 2868.2  |
| 3165.9  | 2.5°  | 3160.9  | 3151.0  | 3141.1  | 3124.5  | 3107.9  | 3096.1  | 3084.4  |
| 3536.9  | 5°    | 3523.6  | 3501.5  | 3479.5  | 3438.9  | 3398.4  | 3357.5  | 3316.6  |
| 3893.8  | 7.5°  | 3874.3  | 3838.3  | 3802.3  | 3742.6  | 3682.8  | 3616.5  | 3550.0  |
| 4129.9  | 10°   | 4110.9  | 4068.7  | 4026.2  | 3956.1  | 3886.0  | 3807.4  | 3728.8  |
| 4207.1  | 12.5° | 4196.8  | 4166.0  | 4135.2  | 4072.0  | 4008.6  | 3923.5  | 3838.3  |
| 4122.6  | 15°   | 4133.6  | 4132.5  | 4131.4  | 4091.6  | 4051.8  | 3978.4  | 3904.9  |
| 3913.1  | 17.5° | 3953.9  | 3998.5  | 4043.0  | 4042.4  | 4041.6  | 3992.0  | 3942.3  |
| 3645.3  | 20°   | 3716.9  | 3815.3  | 3913.7  | 3966.0  | 4018.3  | 4000.9  | 3983.6  |
| 3390.5  | 22.5° | 3480.1  | 3624.8  | 3769.5  | 3877.8  | 3986.1  | 4008.8  | 4031.5  |
| 3175.4  | 25°   | 3269.7  | 3445.4  | 3621.2  | 3785.6  | 3950.0  | 4021.6  | 4093.1  |
| 3003.1  | 27.5° | 3095.8  | 3290.6  | 3485.4  | 3703.1  | 3920.9  | 4048.9  | 4176.8  |
| 2880.2  | 30°   | 2966.1  | 3169.1  | 3372.0  | 3640.1  | 3908.2  | 4098.8  | 4289.6  |
| 2844.9  | 32.5° | 2912.4  | 3103.1  | 3293.9  | 3597.2  | 3900.5  | 4161.6  | 4422.7  |
| 3032.7  | 35°   | 3048.4  | 3180.8  | 3313.3  | 3629.3  | 3945.4  | 4264.9  | 4584.5  |
| 3585.3  | 37.5° | 3513.3  | 3521.9  | 3530.5  | 3817.7  | 4105.0  | 4481.0  | 4856.9  |
| 4500.1  | 40°   | 4325.1  | 4174.3  | 4023.6  | 4237.2  | 4450.8  | 4859.7  | 5268.6  |
| 5733.0  | 42.5° | 5414.7  | 5085.9  | 4757.0  | 4880.0  | 5003.1  | 5408.8  | 5814.5  |
| 7227.8  | 45°   | 6704.8  | 6177.9  | 5651.0  | 5705.4  | 5759.6  | 6124.2  | 6488.6  |
| 8886.1  | 47.5° | 8120.4  | 7360.6  | 6600.5  | 6611.5  | 6622.5  | 6977.1  | 7331.6  |
| 10534.4 | 50°   | 9523.7  | 8544.2  | 7564.6  | 7562.7  | 7560.9  | 7998.7  | 8436.6  |
| 12127.9 | 52.5° | 10877.4 | 9707.4  | 8537.3  | 8591.0  | 8644.6  | 9174.8  | 9705.1  |
| 13684.8 | 55°   | 12194.1 | 10891.9 | 9589.7  | 9798.7  | 10007.7 | 10531.6 | 11055.5 |
| 15193.1 | 57.5° | 13504.5 | 12189.7 | 10874.8 | 11293.9 | 11713.1 | 11998.5 | 12283.8 |
| 17167.8 | 60°   | 15359.9 | 14115.6 | 12871.3 | 13391.8 | 13912.4 | 13469.2 | 13026.1 |
| 18953.2 | 62.5° | 17233.1 | 16093.1 | 14953.3 | 15012.0 | 15070.7 | 13859.9 | 12649.2 |
| 19182.2 | 65°   | 17514.3 | 16065.6 | 14617.0 | 14392.3 | 14167.4 | 13031.1 | 11894.7 |
| 17949.7 | 67.5° | 16274.7 | 14765.5 | 13256.1 | 13150.8 | 13045.4 | 11964.6 | 10883.8 |
| 16255.7 | 70°   | 14814.2 | 13464.6 | 12114.8 | 12067.6 | 12020.5 | 10844.8 | 9669.3  |
| 14179.4 | 72.5° | 13099.9 | 12043.8 | 10987.8 | 10954.0 | 10920.1 | 9571.0  | 8222.0  |
| 11837.5 | 75°   | 11077.5 | 10255.9 | 9434.3  | 9309.0  | 9183.6  | 7787.4  | 6391.2  |
| 9320.1  | 77.5° | 8781.1  | 8156.5  | 7531.9  | 7352.5  | 7173.1  | 5869.7  | 4566.4  |
| 6853.9  | 80°   | 6570.8  | 6099.3  | 5627.6  | 5404.6  | 5181.6  | 4085.2  | 2988.7  |
| 4502.3  | 82.5° | 4384.2  | 4059.6  | 3734.9  | 3485.7  | 3236.6  | 2486.9  | 1737.3  |
| 2584.3  | 85°   | 2517.3  | 2250.6  | 1983.8  | 1772.0  | 1560.1  | 1162.2  | 764.4   |
| 1013.0  | 87.5° | 1007.3  | 873.9   | 740.5   | 622.3   | 504.1   | 370.4   | 236.6   |
| 0.0     | 90°   | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |

(END OF REPORT)