

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: P951520

Luminaire Tested: **GALN-SB5C-927-U-SLR**

Issue Date: 1/21/2025

**Test Information**

Test Method: LM-79-08  
Report Number: P951520  
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-SB5C-927-U-SLR  
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE  
(5) 90 CRI, 2700K, 615mA LIGHTSQUARES WITH 26 LEDS EACH AND SPILL LIGHT  
ELIMINATOR RIGHT OPTICS  
Light Source: -  
Ballast/Driver: -

**Summary**

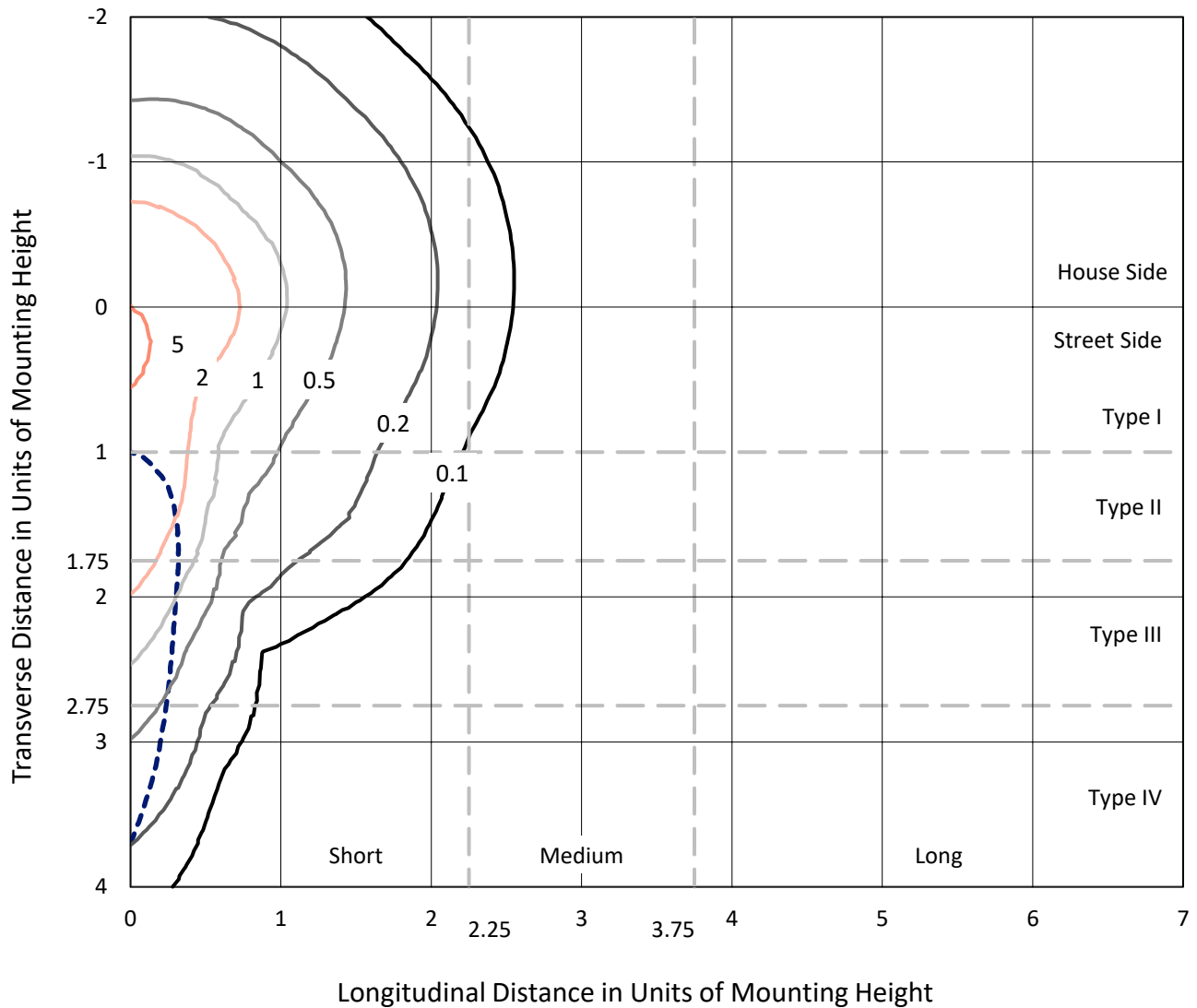
Lumens per Lamp: N/A  
Luminaire Lumens: 22945 lumens  
Efficiency: N/A  
Efficacy: 92.0 lumens/watt  
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')  
IES Classification: Type IV - Short  
BUG Rating: B3 - U0 - G5  
  
Input Watts (W): 249.5  
Input Voltage (V): NR  
Input Current (Ain): NR  
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

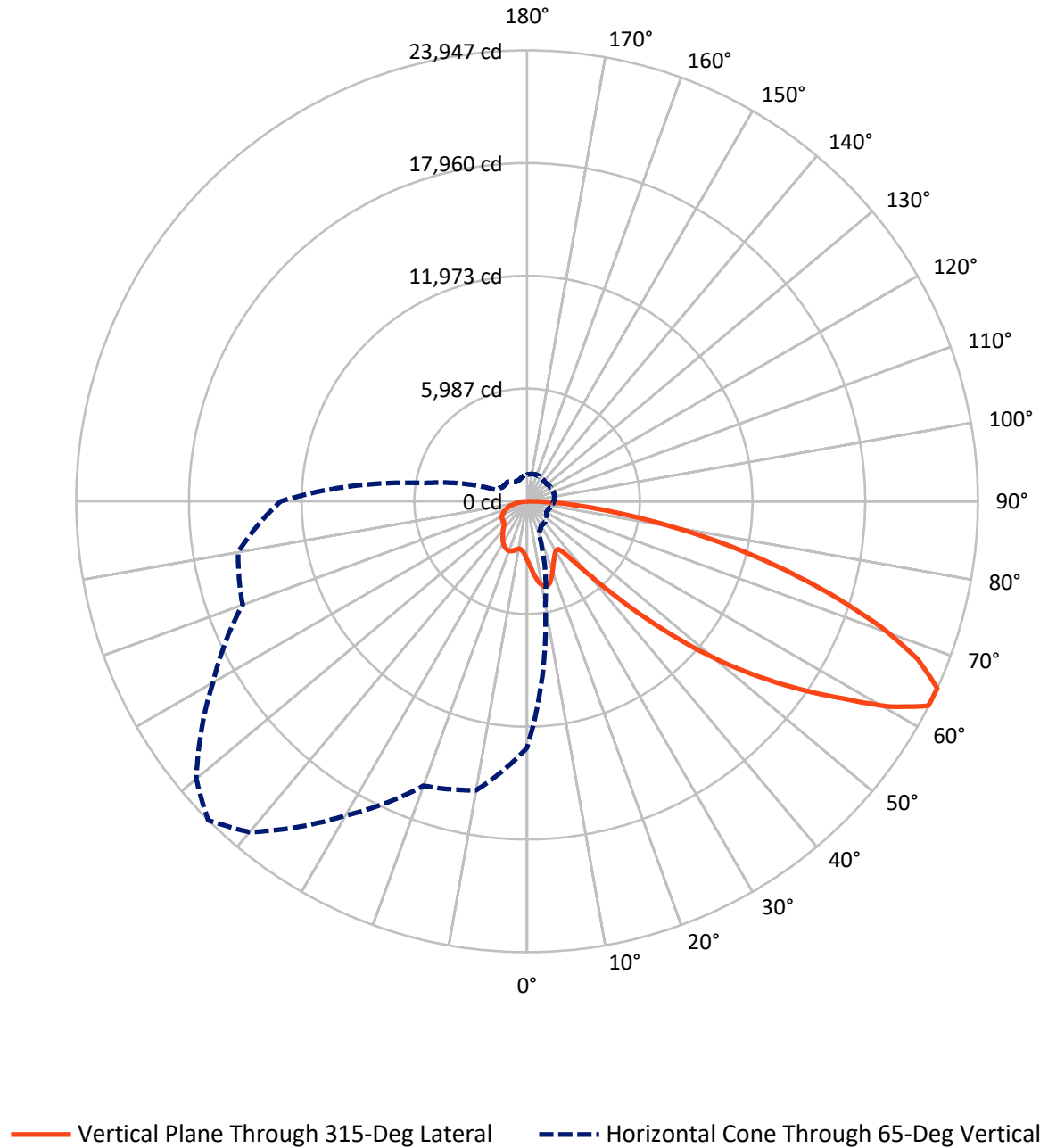
× Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 6.2 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    | 5831.5   | 0.0    | 5831.5  |
|                    | % Fixture | 25.4     | 0.0    | 25.4    |
| <b>Street Side</b> | Lumens    | 17113.5  | 0.0    | 17113.5 |
|                    | % Fixture | 74.6     | 0.0    | 74.6    |
| <b>Total</b>       | Lumens    | 22945.0  | 0.0    | 22945.0 |
|                    | % Fixture | 100.0    | 0.0    | 100.0   |

**Coefficient of Utilization**

**ZONAL LUMENS:**

| Zone      | Lumens  | % Fixture |
|-----------|---------|-----------|
| 0°-10°    | 313.0   | 1.4       |
| 10°-20°   | 982.5   | 4.3       |
| 20°-30°   | 1517.7  | 6.6       |
| 30°-40°   | 1923.3  | 8.4       |
| 40°-50°   | 2900.8  | 12.6      |
| 50°-60°   | 4686.6  | 20.4      |
| 60°-70°   | 5842.6  | 25.5      |
| 70°-80°   | 3831.3  | 16.7      |
| 80°-90°   | 947.2   | 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°    | 22945.0 | 100.0     |
| 0°-180°   | 22945.0 | 100.0     |



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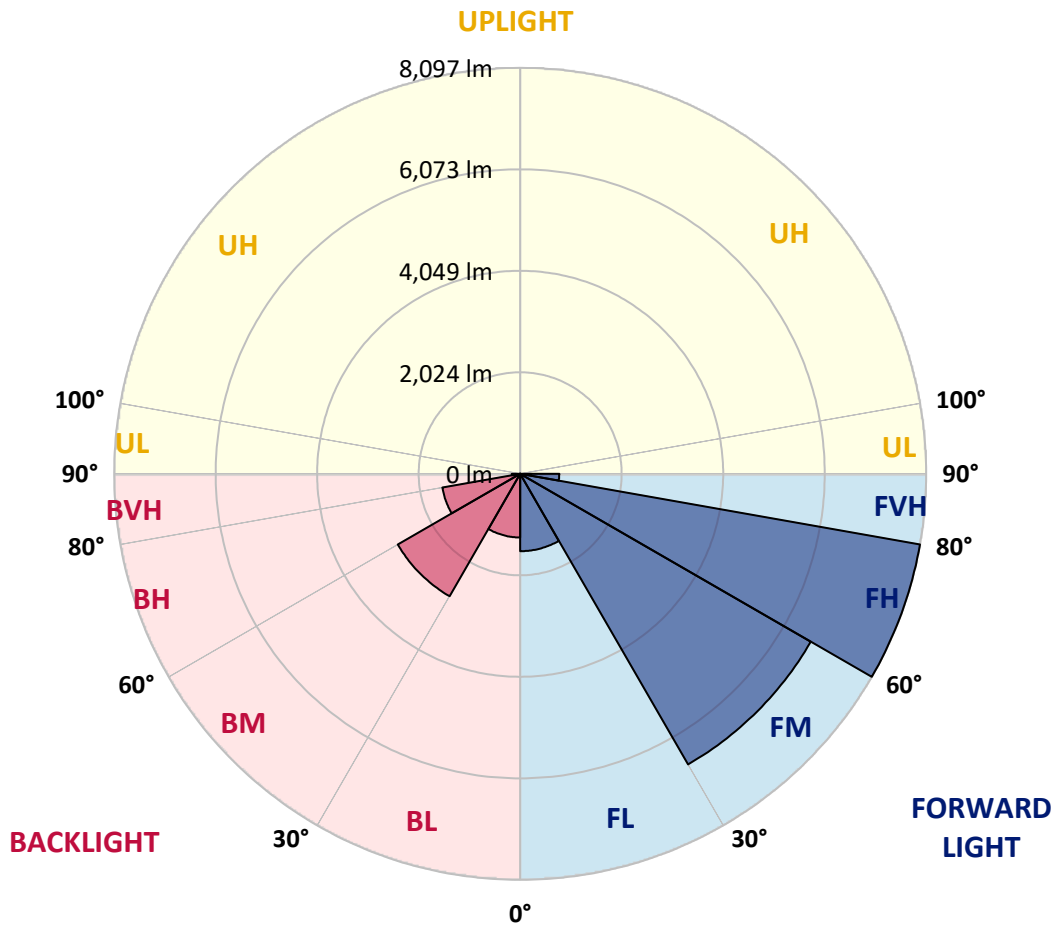
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

| Zone           | Lumens | % Fixture | Zone Rating/Lumen Limit |      |          |
|----------------|--------|-----------|-------------------------|------|----------|
|                |        |           | B                       | U    | G        |
| FL (0°-30°)    | 1543.3 | 6.7       |                         |      |          |
| FM (30°-60°)   | 6692.6 | 29.2      |                         |      |          |
| FH (60°-80°)   | 8097.4 | 35.3      |                         |      | G4/12000 |
| FVH (80°-90°)  | 780.3  | 3.4       |                         |      | G5       |
| BL (0°-30°)    | 1269.9 | 5.5       | B3/2500                 |      |          |
| BM (30°-60°)   | 2818.1 | 12.3      | B3/5000                 |      |          |
| BH (60°-80°)   | 1576.6 | 6.9       | B3/2500                 |      | G3/2500  |
| BVH (80°-90°)  | 166.9  | 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°    | 3155.1  | 3155.1  | 3155.1 | 3155.1 | 3155.1 | 3155.1 | 3155.1 | 3155.1 | 3155.1 | 3155.1 |
| 2.5°  | 3393.0  | 3367.0  | 3341.0 | 3313.3 | 3285.7 | 3257.8 | 3230.0 | 3203.3 | 3176.7 | 3150.9 |
| 5°    | 3648.5  | 3591.0  | 3533.5 | 3476.1 | 3418.8 | 3361.1 | 3303.4 | 3249.6 | 3195.7 | 3144.8 |
| 7.5°  | 3905.2  | 3810.3  | 3715.5 | 3627.8 | 3540.1 | 3454.8 | 3369.4 | 3294.2 | 3219.1 | 3149.7 |
| 10°   | 4101.9  | 3981.9  | 3862.0 | 3746.1 | 3630.3 | 3526.7 | 3422.9 | 3334.1 | 3245.0 | 3159.4 |
| 12.5° | 4222.4  | 4090.5  | 3958.8 | 3827.6 | 3696.3 | 3574.0 | 3451.8 | 3351.2 | 3250.5 | 3160.6 |
| 15°   | 4295.6  | 4158.2  | 4020.8 | 3878.4 | 3736.0 | 3595.2 | 3454.4 | 3338.0 | 3221.5 | 3121.8 |
| 17.5° | 4336.8  | 4197.4  | 4058.1 | 3902.8 | 3747.4 | 3584.0 | 3420.5 | 3280.4 | 3140.4 | 3023.2 |
| 20°   | 4382.2  | 4237.4  | 4092.5 | 3921.8 | 3751.1 | 3553.0 | 3354.9 | 3181.3 | 3007.7 | 2871.2 |
| 22.5° | 4434.9  | 4286.9  | 4138.8 | 3947.4 | 3755.9 | 3515.0 | 3274.0 | 3064.9 | 2855.8 | 2700.5 |
| 25°   | 4502.7  | 4357.6  | 4212.7 | 3993.9 | 3775.0 | 3477.4 | 3180.0 | 2935.0 | 2690.2 | 2531.0 |
| 27.5° | 4594.7  | 4456.4  | 4318.0 | 4066.6 | 3815.0 | 3452.4 | 3089.8 | 2816.3 | 2542.8 | 2397.8 |
| 30°   | 4718.8  | 4585.1  | 4451.6 | 4160.6 | 3869.7 | 3440.6 | 3011.3 | 2717.0 | 2422.6 | 2301.0 |
| 32.5° | 4865.3  | 4732.9  | 4600.7 | 4258.8 | 3916.9 | 3426.1 | 2935.0 | 2631.4 | 2327.6 | 2229.5 |
| 35°   | 5043.3  | 4916.6  | 4789.8 | 4370.7 | 3951.5 | 3398.7 | 2846.2 | 2547.2 | 2248.3 | 2166.6 |
| 37.5° | 5342.9  | 5181.4  | 5019.9 | 4496.0 | 3972.1 | 3351.9 | 2731.6 | 2448.2 | 2164.8 | 2093.3 |
| 40°   | 5795.7  | 5560.4  | 5325.0 | 4655.1 | 3985.1 | 3287.3 | 2589.7 | 2330.0 | 2070.3 | 2005.6 |
| 42.5° | 6396.2  | 6056.5  | 5716.8 | 4863.2 | 4009.7 | 3220.8 | 2432.1 | 2199.6 | 1967.2 | 1907.5 |
| 45°   | 7137.8  | 6679.5  | 6221.3 | 5137.1 | 4052.9 | 3158.9 | 2265.0 | 2061.1 | 1857.2 | 1796.7 |
| 47.5° | 8065.2  | 7420.3  | 6775.2 | 5428.9 | 4082.5 | 3107.8 | 2133.0 | 1951.6 | 1770.1 | 1692.0 |
| 50°   | 9280.8  | 8308.4  | 7336.0 | 5699.6 | 4063.2 | 3052.1 | 2041.0 | 1878.8 | 1716.6 | 1613.9 |
| 52.5° | 10676.1 | 9241.4  | 7806.7 | 5875.4 | 3943.9 | 2958.0 | 1972.3 | 1830.9 | 1689.6 | 1571.5 |
| 55°   | 12161.7 | 10068.6 | 7975.6 | 5836.6 | 3697.5 | 2802.1 | 1906.6 | 1796.1 | 1685.6 | 1575.8 |
| 57.5° | 13512.8 | 10654.8 | 7796.8 | 5564.0 | 3331.3 | 2582.2 | 1833.0 | 1754.9 | 1676.8 | 1580.0 |
| 60°   | 14329.5 | 10801.3 | 7273.0 | 5056.6 | 2840.1 | 2296.7 | 1753.4 | 1692.0 | 1630.6 | 1566.7 |
| 62.5° | 13914.8 | 10184.5 | 6454.1 | 4370.5 | 2286.8 | 1955.1 | 1623.3 | 1582.5 | 1541.9 | 1534.0 |
| 65°   | 13084.9 | 9311.6  | 5538.4 | 3670.4 | 1802.5 | 1647.7 | 1492.8 | 1473.6 | 1454.3 | 1455.3 |
| 67.5° | 11972.8 | 8273.0  | 4573.1 | 2984.7 | 1396.2 | 1352.3 | 1308.2 | 1319.0 | 1329.6 | 1326.9 |
| 70°   | 10636.8 | 7139.6  | 3642.4 | 2350.0 | 1057.6 | 1070.2 | 1082.6 | 1132.5 | 1182.3 | 1182.3 |
| 72.5° | 9044.7  | 5911.0  | 2777.4 | 1796.6 | 815.8  | 853.7  | 891.7  | 962.4  | 1033.0 | 1044.9 |
| 75°   | 7030.6  | 4502.5  | 1974.4 | 1303.9 | 633.4  | 667.8  | 702.2  | 781.4  | 860.6  | 915.3  |
| 77.5° | 5023.3  | 3151.4  | 1279.5 | 883.6  | 487.7  | 511.0  | 534.5  | 611.4  | 688.3  | 778.5  |
| 80°   | 3287.7  | 2030.4  | 773.0  | 569.3  | 365.6  | 375.3  | 385.0  | 450.1  | 515.2  | 622.9  |
| 82.5° | 1911.1  | 1175.1  | 439.2  | 350.1  | 261.3  | 263.0  | 264.9  | 312.8  | 360.8  | 452.8  |
| 85°   | 840.8   | 528.6   | 216.5  | 187.2  | 158.0  | 157.2  | 156.2  | 191.3  | 226.4  | 294.8  |
| 87.5° | 260.3   | 173.1   | 86.0   | 77.6   | 69.3   | 68.4   | 67.6   | 81.8   | 96.3   | 124.7  |
| 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°   |
|--------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 3155.1 | 0°    | 3155.1 | 3155.1 | 3155.1 | 3155.1 | 3155.1 | 3155.1 | 3155.1 | 3155.1 | 3155.1 | 3155.1 |
| 3122.2 | 2.5°  | 3099.0 | 3075.8 | 3054.9 | 3034.1 | 3015.8 | 2997.5 | 2979.1 | 2960.8 | 2946.6 | 2932.4 |
| 3094.6 | 5°    | 3050.8 | 3006.8 | 2970.0 | 2933.3 | 2900.9 | 2868.4 | 2839.0 | 2809.5 | 2786.8 | 2764.1 |
| 3084.7 | 7.5°  | 3026.3 | 2968.1 | 2919.7 | 2871.2 | 2830.4 | 2789.5 | 2753.4 | 2717.5 | 2690.5 | 2663.6 |
| 3089.5 | 10°   | 3028.0 | 2966.5 | 2918.1 | 2869.6 | 2825.7 | 2781.6 | 2741.1 | 2700.5 | 2668.3 | 2636.0 |
| 3095.6 | 12.5° | 3045.2 | 2995.1 | 2962.9 | 2930.9 | 2896.3 | 2861.9 | 2819.9 | 2778.0 | 2736.8 | 2695.7 |
| 3069.8 | 15°   | 3045.7 | 3021.7 | 3026.1 | 3030.4 | 3021.5 | 3012.5 | 2976.1 | 2939.6 | 2881.0 | 2822.4 |
| 2991.1 | 17.5° | 2999.9 | 3008.6 | 3061.4 | 3114.2 | 3142.3 | 3170.3 | 3140.8 | 3111.5 | 3033.9 | 2956.3 |
| 2862.7 | 20°   | 2903.9 | 2945.1 | 3036.7 | 3128.5 | 3187.2 | 3245.9 | 3232.4 | 3218.7 | 3130.0 | 3041.3 |
| 2717.1 | 22.5° | 2778.0 | 2838.9 | 2943.5 | 3048.3 | 3124.7 | 3201.1 | 3209.4 | 3217.5 | 3132.7 | 3048.0 |
| 2575.8 | 25°   | 2646.0 | 2716.2 | 2810.3 | 2904.5 | 2979.7 | 3054.9 | 3083.0 | 3110.9 | 3041.4 | 2972.1 |
| 2452.3 | 27.5° | 2520.1 | 2587.9 | 2665.3 | 2742.5 | 2802.8 | 2863.1 | 2894.3 | 2925.7 | 2876.2 | 2826.8 |
| 2343.7 | 30°   | 2397.5 | 2451.5 | 2515.6 | 2579.8 | 2629.8 | 2679.9 | 2705.4 | 2730.8 | 2693.1 | 2655.4 |
| 2248.5 | 32.5° | 2280.4 | 2312.2 | 2363.4 | 2414.8 | 2462.7 | 2510.8 | 2539.0 | 2567.3 | 2532.7 | 2498.0 |
| 2158.7 | 35°   | 2167.4 | 2176.3 | 2215.4 | 2254.4 | 2301.8 | 2349.4 | 2383.3 | 2417.2 | 2392.5 | 2367.9 |
| 2064.5 | 37.5° | 2054.8 | 2045.1 | 2073.2 | 2101.2 | 2148.5 | 2196.0 | 2237.9 | 2279.8 | 2268.4 | 2257.0 |
| 1961.4 | 40°   | 1939.5 | 1917.5 | 1937.8 | 1958.0 | 2003.7 | 2049.5 | 2097.7 | 2146.0 | 2148.8 | 2151.4 |
| 1851.8 | 42.5° | 1822.7 | 1793.7 | 1810.1 | 1826.7 | 1870.1 | 1913.5 | 1965.6 | 2017.7 | 2031.6 | 2045.5 |
| 1742.8 | 45°   | 1714.5 | 1686.3 | 1700.1 | 1714.1 | 1755.3 | 1796.5 | 1850.5 | 1904.5 | 1924.4 | 1944.4 |
| 1645.6 | 47.5° | 1621.9 | 1598.1 | 1611.2 | 1624.2 | 1664.5 | 1704.7 | 1758.0 | 1811.2 | 1834.2 | 1857.2 |
| 1560.0 | 50°   | 1538.9 | 1518.0 | 1538.3 | 1558.8 | 1596.8 | 1634.7 | 1682.4 | 1730.1 | 1759.7 | 1789.2 |
| 1496.2 | 52.5° | 1475.4 | 1454.7 | 1485.3 | 1515.8 | 1550.7 | 1585.4 | 1629.9 | 1674.4 | 1709.4 | 1744.4 |
| 1462.3 | 55°   | 1429.4 | 1396.6 | 1440.0 | 1483.4 | 1520.9 | 1558.4 | 1597.4 | 1636.3 | 1673.3 | 1710.5 |
| 1442.0 | 57.5° | 1394.0 | 1346.1 | 1392.8 | 1439.5 | 1483.6 | 1527.7 | 1566.2 | 1604.8 | 1642.2 | 1679.5 |
| 1422.8 | 60°   | 1360.7 | 1298.5 | 1339.5 | 1380.5 | 1431.1 | 1481.7 | 1520.8 | 1560.0 | 1597.5 | 1635.1 |
| 1400.6 | 62.5° | 1322.8 | 1245.2 | 1271.3 | 1297.3 | 1356.2 | 1415.3 | 1457.1 | 1498.9 | 1533.3 | 1567.6 |
| 1353.6 | 65°   | 1271.0 | 1188.3 | 1198.4 | 1208.3 | 1271.5 | 1334.8 | 1374.8 | 1414.7 | 1445.0 | 1475.3 |
| 1269.8 | 67.5° | 1201.0 | 1132.3 | 1129.1 | 1126.0 | 1184.3 | 1242.8 | 1280.7 | 1318.5 | 1344.6 | 1370.8 |
| 1163.5 | 70°   | 1114.6 | 1065.7 | 1054.8 | 1043.9 | 1095.2 | 1146.6 | 1179.2 | 1211.9 | 1235.5 | 1259.1 |
| 1045.1 | 72.5° | 1011.6 | 978.0  | 962.0  | 946.2  | 986.6  | 1026.9 | 1056.5 | 1086.0 | 1109.1 | 1132.3 |
| 910.7  | 75°   | 884.9  | 859.0  | 843.8  | 828.4  | 858.4  | 888.4  | 915.2  | 941.9  | 963.0  | 984.1  |
| 776.1  | 77.5° | 755.4  | 734.7  | 719.2  | 703.7  | 728.1  | 752.5  | 775.5  | 798.5  | 820.6  | 842.7  |
| 622.6  | 80°   | 605.2  | 587.8  | 574.8  | 561.8  | 582.1  | 602.3  | 621.7  | 641.1  | 657.9  | 674.6  |
| 457.9  | 82.5° | 449.4  | 440.9  | 431.7  | 422.5  | 420.8  | 419.2  | 412.4  | 405.6  | 441.4  | 477.3  |
| 301.5  | 85°   | 292.4  | 283.3  | 273.0  | 262.7  | 254.0  | 245.2  | 226.4  | 207.6  | 241.2  | 274.8  |
| 133.2  | 87.5° | 129.5  | 125.9  | 124.0  | 122.0  | 121.7  | 121.3  | 107.0  | 92.6   | 106.7  | 120.8  |
| 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°   |
|--------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 3155.1 | 0°    | 3155.1 | 3155.1 | 3155.1 | 3155.1 | 3155.1 | 3155.1 | 3155.1 | 3155.1 | 3155.1 | 3155.1 |
| 2920.9 | 2.5°  | 2909.4 | 2900.4 | 2891.4 | 2883.2 | 2874.9 | 2864.6 | 2874.9 | 2883.2 | 2891.4 | 2900.4 |
| 2748.2 | 5°    | 2732.4 | 2721.1 | 2709.8 | 2701.2 | 2692.6 | 2684.2 | 2692.6 | 2701.2 | 2709.8 | 2721.1 |
| 2644.7 | 7.5°  | 2625.8 | 2612.9 | 2600.0 | 2592.3 | 2584.6 | 2578.8 | 2584.6 | 2592.3 | 2600.0 | 2612.9 |
| 2614.9 | 10°   | 2593.6 | 2581.4 | 2569.1 | 2562.6 | 2556.1 | 2553.4 | 2556.1 | 2562.6 | 2569.1 | 2581.4 |
| 2668.4 | 12.5° | 2641.2 | 2627.5 | 2613.9 | 2608.4 | 2602.8 | 2601.8 | 2602.8 | 2608.4 | 2613.9 | 2627.5 |
| 2781.0 | 15°   | 2739.6 | 2720.6 | 2701.7 | 2694.5 | 2687.2 | 2686.6 | 2687.2 | 2694.5 | 2701.7 | 2720.6 |
| 2895.3 | 17.5° | 2834.3 | 2806.2 | 2778.0 | 2768.8 | 2759.5 | 2758.0 | 2759.5 | 2768.8 | 2778.0 | 2806.2 |
| 2966.5 | 20°   | 2891.8 | 2855.8 | 2819.8 | 2808.3 | 2796.8 | 2793.1 | 2796.8 | 2808.3 | 2819.8 | 2855.8 |
| 2971.0 | 22.5° | 2893.9 | 2856.0 | 2817.9 | 2805.2 | 2792.5 | 2787.1 | 2792.5 | 2805.2 | 2817.9 | 2856.0 |
| 2903.5 | 25°   | 2835.3 | 2802.3 | 2769.5 | 2757.5 | 2745.7 | 2738.6 | 2745.7 | 2757.5 | 2769.5 | 2802.3 |
| 2773.6 | 27.5° | 2720.5 | 2698.5 | 2676.3 | 2670.8 | 2665.4 | 2663.6 | 2665.4 | 2670.8 | 2676.3 | 2698.5 |
| 2617.3 | 30°   | 2579.1 | 2567.8 | 2556.4 | 2556.4 | 2556.4 | 2558.3 | 2556.4 | 2556.4 | 2556.4 | 2567.8 |
| 2467.6 | 32.5° | 2437.2 | 2429.8 | 2422.4 | 2423.4 | 2424.5 | 2426.3 | 2424.5 | 2423.4 | 2422.4 | 2429.8 |
| 2339.8 | 35°   | 2311.9 | 2300.6 | 2289.5 | 2287.0 | 2284.6 | 2283.4 | 2284.6 | 2287.0 | 2289.5 | 2300.6 |
| 2231.2 | 37.5° | 2205.3 | 2184.9 | 2164.5 | 2153.7 | 2143.0 | 2136.9 | 2143.0 | 2153.7 | 2164.5 | 2184.9 |
| 2129.5 | 40°   | 2107.6 | 2077.8 | 2048.3 | 2028.2 | 2008.3 | 1996.5 | 2008.3 | 2028.2 | 2048.3 | 2077.8 |
| 2027.0 | 42.5° | 2008.6 | 1971.7 | 1934.7 | 1905.6 | 1876.4 | 1857.2 | 1876.4 | 1905.6 | 1934.7 | 1971.7 |
| 1927.7 | 45°   | 1911.1 | 1868.9 | 1826.7 | 1792.5 | 1758.2 | 1736.2 | 1758.2 | 1792.5 | 1826.7 | 1868.9 |
| 1845.6 | 47.5° | 1834.0 | 1796.5 | 1758.9 | 1727.2 | 1695.6 | 1674.4 | 1695.6 | 1727.2 | 1758.9 | 1796.5 |
| 1788.5 | 50°   | 1788.0 | 1758.0 | 1727.9 | 1698.6 | 1669.3 | 1649.0 | 1669.3 | 1698.6 | 1727.9 | 1758.0 |
| 1750.7 | 52.5° | 1757.0 | 1732.5 | 1708.1 | 1681.8 | 1655.7 | 1636.9 | 1655.7 | 1681.8 | 1708.1 | 1732.5 |
| 1719.2 | 55°   | 1727.9 | 1706.6 | 1685.3 | 1662.3 | 1639.3 | 1622.4 | 1639.3 | 1662.3 | 1685.3 | 1706.6 |
| 1688.3 | 57.5° | 1697.2 | 1675.6 | 1654.1 | 1631.3 | 1608.4 | 1590.9 | 1608.4 | 1631.3 | 1654.1 | 1675.6 |
| 1644.8 | 60°   | 1654.4 | 1633.4 | 1612.4 | 1588.9 | 1565.5 | 1547.3 | 1565.5 | 1588.9 | 1612.4 | 1633.4 |
| 1577.0 | 62.5° | 1586.3 | 1567.3 | 1548.3 | 1523.6 | 1498.9 | 1477.1 | 1498.9 | 1523.6 | 1548.3 | 1567.3 |
| 1484.8 | 65°   | 1494.3 | 1476.0 | 1457.7 | 1433.7 | 1409.9 | 1391.1 | 1409.9 | 1433.7 | 1457.7 | 1476.0 |
| 1380.1 | 67.5° | 1389.3 | 1372.5 | 1355.8 | 1333.5 | 1311.2 | 1294.3 | 1311.2 | 1333.5 | 1355.8 | 1372.5 |
| 1268.1 | 70°   | 1277.1 | 1263.4 | 1249.7 | 1228.4 | 1207.1 | 1187.7 | 1207.1 | 1228.4 | 1249.7 | 1263.4 |
| 1142.9 | 72.5° | 1153.6 | 1142.2 | 1130.8 | 1110.5 | 1090.3 | 1071.5 | 1090.3 | 1110.5 | 1130.8 | 1142.2 |
| 995.2  | 75°   | 1006.4 | 1000.8 | 995.2  | 978.1  | 961.1  | 943.2  | 961.1  | 978.1  | 995.2  | 1000.8 |
| 853.1  | 77.5° | 863.5  | 855.7  | 847.7  | 830.6  | 813.4  | 799.1  | 813.4  | 830.6  | 847.7  | 855.7  |
| 688.4  | 80°   | 702.2  | 698.8  | 695.6  | 672.4  | 649.2  | 622.3  | 649.2  | 672.4  | 695.6  | 698.8  |
| 500.8  | 82.5° | 524.2  | 522.8  | 521.2  | 501.7  | 482.1  | 464.9  | 482.1  | 501.7  | 521.2  | 522.8  |
| 303.9  | 85°   | 332.9  | 330.5  | 328.1  | 312.8  | 297.6  | 282.1  | 297.6  | 312.8  | 328.1  | 330.5  |
| 132.6  | 87.5° | 144.3  | 141.4  | 138.3  | 130.5  | 122.5  | 115.0  | 122.5  | 130.5  | 138.3  | 141.4  |
| 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):**

| 160°   |       | 165°   | 170°   | 175°   | 180°   | 185°   | 190°   | 195°   | 200°   | 205°   | 210°   |
|--------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 3155.1 | 0°    | 3155.1 | 3155.1 | 3155.1 | 3155.1 | 3155.1 | 3155.1 | 3155.1 | 3155.1 | 3155.1 | 3155.1 |
| 2909.4 | 2.5°  | 2920.9 | 2932.4 | 2946.6 | 2960.8 | 2979.1 | 2997.5 | 3015.8 | 3034.1 | 3054.9 | 3075.8 |
| 2732.4 | 5°    | 2748.2 | 2764.1 | 2786.8 | 2809.5 | 2839.0 | 2868.4 | 2900.9 | 2933.3 | 2970.0 | 3006.8 |
| 2625.8 | 7.5°  | 2644.7 | 2663.6 | 2690.5 | 2717.5 | 2753.4 | 2789.5 | 2830.4 | 2871.2 | 2919.7 | 2968.1 |
| 2593.6 | 10°   | 2614.9 | 2636.0 | 2668.3 | 2700.5 | 2741.1 | 2781.6 | 2825.7 | 2869.6 | 2918.1 | 2966.5 |
| 2641.2 | 12.5° | 2668.4 | 2695.7 | 2736.8 | 2778.0 | 2819.9 | 2861.9 | 2896.3 | 2930.9 | 2962.9 | 2995.1 |
| 2739.6 | 15°   | 2781.0 | 2822.4 | 2881.0 | 2939.6 | 2976.1 | 3012.5 | 3021.5 | 3030.4 | 3026.1 | 3021.7 |
| 2834.3 | 17.5° | 2895.3 | 2956.3 | 3033.9 | 3111.5 | 3140.8 | 3170.3 | 3142.3 | 3114.2 | 3061.4 | 3008.6 |
| 2891.8 | 20°   | 2966.5 | 3041.3 | 3130.0 | 3218.7 | 3232.4 | 3245.9 | 3187.2 | 3128.5 | 3036.7 | 2945.1 |
| 2893.9 | 22.5° | 2971.0 | 3048.0 | 3132.7 | 3217.5 | 3209.4 | 3201.1 | 3124.7 | 3048.3 | 2943.5 | 2838.9 |
| 2835.3 | 25°   | 2903.5 | 2972.1 | 3041.4 | 3110.9 | 3083.0 | 3054.9 | 2979.7 | 2904.5 | 2810.3 | 2716.2 |
| 2720.5 | 27.5° | 2773.6 | 2826.8 | 2876.2 | 2925.7 | 2894.3 | 2863.1 | 2802.8 | 2742.5 | 2665.3 | 2587.9 |
| 2579.1 | 30°   | 2617.3 | 2655.4 | 2693.1 | 2730.8 | 2705.4 | 2679.9 | 2629.8 | 2579.8 | 2515.6 | 2451.5 |
| 2437.2 | 32.5° | 2467.6 | 2498.0 | 2532.7 | 2567.3 | 2539.0 | 2510.8 | 2462.7 | 2414.8 | 2363.4 | 2312.2 |
| 2311.9 | 35°   | 2339.8 | 2367.9 | 2392.5 | 2417.2 | 2383.3 | 2349.4 | 2301.8 | 2254.4 | 2215.4 | 2176.3 |
| 2205.3 | 37.5° | 2231.2 | 2257.0 | 2268.4 | 2279.8 | 2237.9 | 2196.0 | 2148.5 | 2101.2 | 2073.2 | 2045.1 |
| 2107.6 | 40°   | 2129.5 | 2151.4 | 2148.8 | 2146.0 | 2097.7 | 2049.5 | 2003.7 | 1958.0 | 1937.8 | 1917.5 |
| 2008.6 | 42.5° | 2027.0 | 2045.5 | 2031.6 | 2017.7 | 1965.6 | 1913.5 | 1870.1 | 1826.7 | 1810.1 | 1793.7 |
| 1911.1 | 45°   | 1927.7 | 1944.4 | 1924.4 | 1904.5 | 1850.5 | 1796.5 | 1755.3 | 1714.1 | 1700.1 | 1686.3 |
| 1834.0 | 47.5° | 1845.6 | 1857.2 | 1834.2 | 1811.2 | 1758.0 | 1704.7 | 1664.5 | 1624.2 | 1611.2 | 1598.1 |
| 1788.0 | 50°   | 1788.5 | 1789.2 | 1759.7 | 1730.1 | 1682.4 | 1634.7 | 1596.8 | 1558.8 | 1538.3 | 1518.0 |
| 1757.0 | 52.5° | 1750.7 | 1744.4 | 1709.4 | 1674.4 | 1629.9 | 1585.4 | 1550.7 | 1515.8 | 1485.3 | 1454.7 |
| 1727.9 | 55°   | 1719.2 | 1710.5 | 1673.3 | 1636.3 | 1597.4 | 1558.4 | 1520.9 | 1483.4 | 1440.0 | 1396.6 |
| 1697.2 | 57.5° | 1688.3 | 1679.5 | 1642.2 | 1604.8 | 1566.2 | 1527.7 | 1483.6 | 1439.5 | 1392.8 | 1346.1 |
| 1654.4 | 60°   | 1644.8 | 1635.1 | 1597.5 | 1560.0 | 1520.8 | 1481.7 | 1431.1 | 1380.5 | 1339.5 | 1298.5 |
| 1586.3 | 62.5° | 1577.0 | 1567.6 | 1533.3 | 1498.9 | 1457.1 | 1415.3 | 1356.2 | 1297.3 | 1271.3 | 1245.2 |
| 1494.3 | 65°   | 1484.8 | 1475.3 | 1445.0 | 1414.7 | 1374.8 | 1334.8 | 1271.5 | 1208.3 | 1198.4 | 1188.3 |
| 1389.3 | 67.5° | 1380.1 | 1370.8 | 1344.6 | 1318.5 | 1280.7 | 1242.8 | 1184.3 | 1126.0 | 1129.1 | 1132.3 |
| 1277.1 | 70°   | 1268.1 | 1259.1 | 1235.5 | 1211.9 | 1179.2 | 1146.6 | 1095.2 | 1043.9 | 1054.8 | 1065.7 |
| 1153.6 | 72.5° | 1142.9 | 1132.3 | 1109.1 | 1086.0 | 1056.5 | 1026.9 | 986.6  | 946.2  | 962.0  | 978.0  |
| 1006.4 | 75°   | 995.2  | 984.1  | 963.0  | 941.9  | 915.2  | 888.4  | 858.4  | 828.4  | 843.8  | 859.0  |
| 863.5  | 77.5° | 853.1  | 842.7  | 820.6  | 798.5  | 775.5  | 752.5  | 728.1  | 703.7  | 719.2  | 734.7  |
| 702.2  | 80°   | 688.4  | 674.6  | 657.9  | 641.1  | 621.7  | 602.3  | 582.1  | 561.8  | 574.8  | 587.8  |
| 524.2  | 82.5° | 500.8  | 477.3  | 441.4  | 405.6  | 412.4  | 419.2  | 420.8  | 422.5  | 431.7  | 440.9  |
| 332.9  | 85°   | 303.9  | 274.8  | 241.2  | 207.6  | 226.4  | 245.2  | 254.0  | 262.7  | 273.0  | 283.3  |
| 144.3  | 87.5° | 132.6  | 120.8  | 106.7  | 92.6   | 107.0  | 121.3  | 121.7  | 122.0  | 124.0  | 125.9  |
| 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):**

| 215°   |       | 220°   | 225°   | 230°   | 235°   | 240°   | 245°   | 250°   | 255°   | 260°   | 265°    |
|--------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---------|
| 3155.1 | 0°    | 3155.1 | 3155.1 | 3155.1 | 3155.1 | 3155.1 | 3155.1 | 3155.1 | 3155.1 | 3155.1 | 3155.1  |
| 3099.0 | 2.5°  | 3122.2 | 3150.9 | 3176.7 | 3203.3 | 3230.0 | 3257.8 | 3285.7 | 3313.3 | 3341.0 | 3367.0  |
| 3050.8 | 5°    | 3094.6 | 3144.8 | 3195.7 | 3249.6 | 3303.4 | 3361.1 | 3418.8 | 3476.1 | 3533.5 | 3591.0  |
| 3026.3 | 7.5°  | 3084.7 | 3149.7 | 3219.1 | 3294.2 | 3369.4 | 3454.8 | 3540.1 | 3627.8 | 3715.5 | 3810.3  |
| 3028.0 | 10°   | 3089.5 | 3159.4 | 3245.0 | 3334.1 | 3422.9 | 3526.7 | 3630.3 | 3746.1 | 3862.0 | 3981.9  |
| 3045.2 | 12.5° | 3095.6 | 3160.6 | 3250.5 | 3351.2 | 3451.8 | 3574.0 | 3696.3 | 3827.6 | 3958.8 | 4090.5  |
| 3045.7 | 15°   | 3069.8 | 3121.8 | 3221.5 | 3338.0 | 3454.4 | 3595.2 | 3736.0 | 3878.4 | 4020.8 | 4158.2  |
| 2999.9 | 17.5° | 2991.1 | 3023.2 | 3140.4 | 3280.4 | 3420.5 | 3584.0 | 3747.4 | 3902.8 | 4058.1 | 4197.4  |
| 2903.9 | 20°   | 2862.7 | 2871.2 | 3007.7 | 3181.3 | 3354.9 | 3553.0 | 3751.1 | 3921.8 | 4092.5 | 4237.4  |
| 2778.0 | 22.5° | 2717.1 | 2700.5 | 2855.8 | 3064.9 | 3274.0 | 3515.0 | 3755.9 | 3947.4 | 4138.8 | 4286.9  |
| 2646.0 | 25°   | 2575.8 | 2531.0 | 2690.2 | 2935.0 | 3180.0 | 3477.4 | 3775.0 | 3993.9 | 4212.7 | 4357.6  |
| 2520.1 | 27.5° | 2452.3 | 2397.8 | 2542.8 | 2816.3 | 3089.8 | 3452.4 | 3815.0 | 4066.6 | 4318.0 | 4456.4  |
| 2397.5 | 30°   | 2343.7 | 2301.0 | 2422.6 | 2717.0 | 3011.3 | 3440.6 | 3869.7 | 4160.6 | 4451.6 | 4585.1  |
| 2280.4 | 32.5° | 2248.5 | 2229.5 | 2327.6 | 2631.4 | 2935.0 | 3426.1 | 3916.9 | 4258.8 | 4600.7 | 4732.9  |
| 2167.4 | 35°   | 2158.7 | 2166.6 | 2248.3 | 2547.2 | 2846.2 | 3398.7 | 3951.5 | 4370.7 | 4789.8 | 4916.6  |
| 2054.8 | 37.5° | 2064.5 | 2093.3 | 2164.8 | 2448.2 | 2731.6 | 3351.9 | 3972.1 | 4496.0 | 5019.9 | 5181.4  |
| 1939.5 | 40°   | 1961.4 | 2005.6 | 2070.3 | 2330.0 | 2589.7 | 3287.3 | 3985.1 | 4655.1 | 5325.0 | 5560.4  |
| 1822.7 | 42.5° | 1851.8 | 1907.5 | 1967.2 | 2199.6 | 2432.1 | 3220.8 | 4009.7 | 4863.2 | 5716.8 | 6056.5  |
| 1714.5 | 45°   | 1742.8 | 1796.7 | 1857.2 | 2061.1 | 2265.0 | 3158.9 | 4052.9 | 5137.1 | 6221.3 | 6679.5  |
| 1621.9 | 47.5° | 1645.6 | 1692.0 | 1770.1 | 1951.6 | 2133.0 | 3107.8 | 4082.5 | 5428.9 | 6775.2 | 7420.3  |
| 1538.9 | 50°   | 1560.0 | 1613.9 | 1716.6 | 1878.8 | 2041.0 | 3052.1 | 4063.2 | 5699.6 | 7336.0 | 8308.4  |
| 1475.4 | 52.5° | 1496.2 | 1571.5 | 1689.6 | 1830.9 | 1972.3 | 2958.0 | 3943.9 | 5875.4 | 7806.7 | 9241.4  |
| 1429.4 | 55°   | 1462.3 | 1575.8 | 1685.6 | 1796.1 | 1906.6 | 2802.1 | 3697.5 | 5836.6 | 7975.6 | 10068.6 |
| 1394.0 | 57.5° | 1442.0 | 1580.0 | 1676.8 | 1754.9 | 1833.0 | 2582.2 | 3331.3 | 5564.0 | 7796.8 | 10654.8 |
| 1360.7 | 60°   | 1422.8 | 1566.7 | 1630.6 | 1692.0 | 1753.4 | 2296.7 | 2840.1 | 5056.6 | 7273.0 | 10801.3 |
| 1322.8 | 62.5° | 1400.6 | 1534.0 | 1541.9 | 1582.5 | 1623.3 | 1955.1 | 2286.8 | 4370.5 | 6454.1 | 10184.5 |
| 1271.0 | 65°   | 1353.6 | 1455.3 | 1454.3 | 1473.6 | 1492.8 | 1647.7 | 1802.5 | 3670.4 | 5538.4 | 9311.6  |
| 1201.0 | 67.5° | 1269.8 | 1326.9 | 1329.6 | 1319.0 | 1308.2 | 1352.3 | 1396.2 | 2984.7 | 4573.1 | 8273.0  |
| 1114.6 | 70°   | 1163.5 | 1182.3 | 1182.3 | 1132.5 | 1082.6 | 1070.2 | 1057.6 | 2350.0 | 3642.4 | 7139.6  |
| 1011.6 | 72.5° | 1045.1 | 1044.9 | 1033.0 | 962.4  | 891.7  | 853.7  | 815.8  | 1796.6 | 2777.4 | 5911.0  |
| 884.9  | 75°   | 910.7  | 915.3  | 860.6  | 781.4  | 702.2  | 667.8  | 633.4  | 1303.9 | 1974.4 | 4502.5  |
| 755.4  | 77.5° | 776.1  | 778.5  | 688.3  | 611.4  | 534.5  | 511.0  | 487.7  | 883.6  | 1279.5 | 3151.4  |
| 605.2  | 80°   | 622.6  | 622.9  | 515.2  | 450.1  | 385.0  | 375.3  | 365.6  | 569.3  | 773.0  | 2030.4  |
| 449.4  | 82.5° | 457.9  | 452.8  | 360.8  | 312.8  | 264.9  | 263.0  | 261.3  | 350.1  | 439.2  | 1175.1  |
| 292.4  | 85°   | 301.5  | 294.8  | 226.4  | 191.3  | 156.2  | 157.2  | 158.0  | 187.2  | 216.5  | 528.6   |
| 129.5  | 87.5° | 133.2  | 124.7  | 96.3   | 81.8   | 67.6   | 68.4   | 69.3   | 77.6   | 86.0   | 173.1   |
| 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):**

| 270°    |       | 275°    | 280°    | 285°    | 290°    | 295°    | 300°    | 305°    | 310°    | 315°    | 320°    |
|---------|-------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 3155.1  | 0°    | 3155.1  | 3155.1  | 3155.1  | 3155.1  | 3155.1  | 3155.1  | 3155.1  | 3155.1  | 3155.1  | 3155.1  |
| 3393.0  | 2.5°  | 3405.9  | 3418.8  | 3437.1  | 3455.4  | 3466.3  | 3477.2  | 3482.6  | 3488.1  | 3485.7  | 3488.1  |
| 3648.5  | 5°    | 3693.4  | 3738.5  | 3783.0  | 3827.7  | 3851.9  | 3876.1  | 3890.8  | 3905.5  | 3916.7  | 3905.5  |
| 3905.2  | 7.5°  | 3978.3  | 4051.3  | 4117.1  | 4182.8  | 4222.4  | 4262.0  | 4283.4  | 4304.7  | 4315.0  | 4304.7  |
| 4101.9  | 10°   | 4188.4  | 4274.8  | 4351.9  | 4429.1  | 4475.8  | 4522.3  | 4543.1  | 4563.8  | 4571.7  | 4563.8  |
| 4222.4  | 12.5° | 4316.1  | 4409.7  | 4479.4  | 4548.9  | 4582.8  | 4616.7  | 4628.1  | 4639.5  | 4640.7  | 4639.5  |
| 4295.6  | 15°   | 4376.5  | 4457.3  | 4501.0  | 4544.8  | 4546.0  | 4547.2  | 4535.1  | 4523.0  | 4508.7  | 4523.0  |
| 4336.8  | 17.5° | 4391.4  | 4446.0  | 4446.9  | 4447.6  | 4398.5  | 4349.5  | 4304.6  | 4259.6  | 4227.8  | 4259.6  |
| 4382.2  | 20°   | 4401.2  | 4420.3  | 4362.8  | 4305.3  | 4197.1  | 4088.8  | 4010.0  | 3931.2  | 3882.8  | 3931.2  |
| 4434.9  | 22.5° | 4409.9  | 4385.0  | 4265.8  | 4146.7  | 3987.5  | 3828.3  | 3729.7  | 3631.2  | 3577.7  | 3631.2  |
| 4502.7  | 25°   | 4424.0  | 4345.3  | 4164.4  | 3983.5  | 3790.2  | 3596.8  | 3493.2  | 3389.8  | 3339.2  | 3389.8  |
| 4594.7  | 27.5° | 4454.0  | 4313.2  | 4073.6  | 3834.1  | 3619.8  | 3405.5  | 3303.6  | 3201.7  | 3153.9  | 3201.7  |
| 4718.8  | 30°   | 4509.0  | 4299.3  | 4004.3  | 3709.4  | 3486.1  | 3262.9  | 3168.3  | 3073.8  | 3029.2  | 3073.8  |
| 4865.3  | 32.5° | 4578.0  | 4290.8  | 3957.1  | 3623.4  | 3413.6  | 3203.8  | 3129.6  | 3055.3  | 3023.2  | 3055.3  |
| 5043.3  | 35°   | 4691.7  | 4340.2  | 3992.5  | 3644.9  | 3499.1  | 3353.5  | 3336.1  | 3318.8  | 3316.2  | 3318.8  |
| 5342.9  | 37.5° | 4929.3  | 4515.7  | 4199.7  | 3883.7  | 3874.3  | 3864.9  | 3944.0  | 4023.2  | 4064.4  | 4023.2  |
| 5795.7  | 40°   | 5345.9  | 4896.1  | 4661.1  | 4426.1  | 4592.0  | 4757.9  | 4950.4  | 5142.9  | 5238.8  | 5142.9  |
| 6396.2  | 42.5° | 5950.0  | 5503.7  | 5368.3  | 5233.0  | 5594.7  | 5956.5  | 6306.6  | 6656.8  | 6862.4  | 6656.8  |
| 7137.8  | 45°   | 6736.9  | 6335.9  | 6276.2  | 6216.4  | 6796.0  | 7375.7  | 7951.0  | 8526.5  | 8875.8  | 8526.5  |
| 8065.2  | 47.5° | 7675.2  | 7285.1  | 7273.0  | 7260.9  | 8097.1  | 8932.9  | 9775.2  | 10617.4 | 11112.0 | 10617.4 |
| 9280.8  | 50°   | 8799.0  | 8317.4  | 8319.5  | 8321.5  | 9399.1  | 10476.6 | 11588.4 | 12700.2 | 13372.4 | 12700.2 |
| 10676.1 | 52.5° | 10092.8 | 9509.6  | 9450.6  | 9391.6  | 10678.7 | 11965.8 | 13341.4 | 14716.9 | 15522.6 | 14716.9 |
| 12161.7 | 55°   | 11585.4 | 11009.1 | 10779.2 | 10549.2 | 11981.8 | 13414.2 | 15054.1 | 16694.0 | 17652.3 | 16694.0 |
| 13512.8 | 57.5° | 13199.0 | 12885.1 | 12423.9 | 11962.9 | 13409.3 | 14855.8 | 16713.3 | 18570.6 | 19758.9 | 18570.6 |
| 14329.5 | 60°   | 14816.9 | 15304.5 | 14731.8 | 14159.1 | 15528.0 | 16896.8 | 18885.5 | 20874.3 | 22158.6 | 20874.3 |
| 13914.8 | 62.5° | 15246.7 | 16578.6 | 16514.1 | 16449.4 | 17703.4 | 18957.4 | 20849.6 | 22741.6 | 23928.7 | 22741.6 |
| 13084.9 | 65°   | 14334.9 | 15585.0 | 15832.3 | 16079.6 | 17673.1 | 19266.8 | 21101.5 | 22936.1 | 23946.8 | 22936.1 |
| 11972.8 | 67.5° | 13161.7 | 14350.7 | 14466.6 | 14582.5 | 16242.9 | 17903.2 | 19745.7 | 21588.3 | 22380.2 | 21588.3 |
| 10636.8 | 70°   | 11929.9 | 13223.2 | 13275.1 | 13327.0 | 14811.8 | 16296.5 | 17882.2 | 19467.8 | 19907.9 | 19467.8 |
| 9044.7  | 72.5° | 10528.7 | 12012.8 | 12050.0 | 12087.2 | 13248.9 | 14410.6 | 15598.2 | 16785.7 | 16830.2 | 16785.7 |
| 7030.6  | 75°   | 8566.6  | 10102.5 | 10240.4 | 10378.3 | 11282.1 | 12185.9 | 13021.9 | 13857.9 | 13633.9 | 13857.9 |
| 5023.3  | 77.5° | 6457.0  | 7890.9  | 8088.2  | 8285.6  | 8972.6  | 9659.7  | 10252.6 | 10845.6 | 10460.6 | 10845.6 |
| 3287.7  | 80°   | 4493.9  | 5700.1  | 5945.4  | 6190.7  | 6709.6  | 7228.2  | 7539.6  | 7850.9  | 7231.6  | 7850.9  |
| 1911.1  | 82.5° | 2735.7  | 3560.5  | 3834.5  | 4108.6  | 4465.7  | 4822.9  | 4952.8  | 5082.6  | 4595.9  | 5082.6  |
| 840.8   | 85°   | 1278.5  | 1716.2  | 1949.3  | 2182.3  | 2475.8  | 2769.2  | 2842.9  | 2916.6  | 2526.8  | 2916.6  |
| 260.3   | 87.5° | 407.4   | 554.5   | 684.5   | 814.6   | 961.3   | 1108.1  | 1114.3  | 1120.5  | 940.7   | 1120.5  |
| 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):**

| 325°    |       | 330°    | 335°    | 340°    | 345°    | 350°    | 355°    | 360°    |
|---------|-------|---------|---------|---------|---------|---------|---------|---------|
| 3155.1  | 0°    | 3155.1  | 3155.1  | 3155.1  | 3155.1  | 3155.1  | 3155.1  | 3155.1  |
| 3482.6  | 2.5°  | 3477.2  | 3466.3  | 3455.4  | 3437.1  | 3418.8  | 3405.9  | 3393.0  |
| 3890.8  | 5°    | 3876.1  | 3851.9  | 3827.7  | 3783.0  | 3738.5  | 3693.4  | 3648.5  |
| 4283.4  | 7.5°  | 4262.0  | 4222.4  | 4182.8  | 4117.1  | 4051.3  | 3978.3  | 3905.2  |
| 4543.1  | 10°   | 4522.3  | 4475.8  | 4429.1  | 4351.9  | 4274.8  | 4188.4  | 4101.9  |
| 4628.1  | 12.5° | 4616.7  | 4582.8  | 4548.9  | 4479.4  | 4409.7  | 4316.1  | 4222.4  |
| 4535.1  | 15°   | 4547.2  | 4546.0  | 4544.8  | 4501.0  | 4457.3  | 4376.5  | 4295.6  |
| 4304.6  | 17.5° | 4349.5  | 4398.5  | 4447.6  | 4446.9  | 4446.0  | 4391.4  | 4336.8  |
| 4010.0  | 20°   | 4088.8  | 4197.1  | 4305.3  | 4362.8  | 4420.3  | 4401.2  | 4382.2  |
| 3729.7  | 22.5° | 3828.3  | 3987.5  | 4146.7  | 4265.8  | 4385.0  | 4409.9  | 4434.9  |
| 3493.2  | 25°   | 3596.8  | 3790.2  | 3983.5  | 4164.4  | 4345.3  | 4424.0  | 4502.7  |
| 3303.6  | 27.5° | 3405.5  | 3619.8  | 3834.1  | 4073.6  | 4313.2  | 4454.0  | 4594.7  |
| 3168.3  | 30°   | 3262.9  | 3486.1  | 3709.4  | 4004.3  | 4299.3  | 4509.0  | 4718.8  |
| 3129.6  | 32.5° | 3203.8  | 3413.6  | 3623.4  | 3957.1  | 4290.8  | 4578.0  | 4865.3  |
| 3336.1  | 35°   | 3353.5  | 3499.1  | 3644.9  | 3992.5  | 4340.2  | 4691.7  | 5043.3  |
| 3944.0  | 37.5° | 3864.9  | 3874.3  | 3883.7  | 4199.7  | 4515.7  | 4929.3  | 5342.9  |
| 4950.4  | 40°   | 4757.9  | 4592.0  | 4426.1  | 4661.1  | 4896.1  | 5345.9  | 5795.7  |
| 6306.6  | 42.5° | 5956.5  | 5594.7  | 5233.0  | 5368.3  | 5503.7  | 5950.0  | 6396.2  |
| 7951.0  | 45°   | 7375.7  | 6796.0  | 6216.4  | 6276.2  | 6335.9  | 6736.9  | 7137.8  |
| 9775.2  | 47.5° | 8932.9  | 8097.1  | 7260.9  | 7273.0  | 7285.1  | 7675.2  | 8065.2  |
| 11588.4 | 50°   | 10476.6 | 9399.1  | 8321.5  | 8319.5  | 8317.4  | 8799.0  | 9280.8  |
| 13341.4 | 52.5° | 11965.8 | 10678.7 | 9391.6  | 9450.6  | 9509.6  | 10092.8 | 10676.1 |
| 15054.1 | 55°   | 13414.2 | 11981.8 | 10549.2 | 10779.2 | 11009.1 | 11585.4 | 12161.7 |
| 16713.3 | 57.5° | 14855.8 | 13409.3 | 11962.9 | 12423.9 | 12885.1 | 13199.0 | 13512.8 |
| 18885.5 | 60°   | 16896.8 | 15528.0 | 14159.1 | 14731.8 | 15304.5 | 14816.9 | 14329.5 |
| 20849.6 | 62.5° | 18957.4 | 17703.4 | 16449.4 | 16514.1 | 16578.6 | 15246.7 | 13914.8 |
| 21101.5 | 65°   | 19266.8 | 17673.1 | 16079.6 | 15832.3 | 15585.0 | 14334.9 | 13084.9 |
| 19745.7 | 67.5° | 17903.2 | 16242.9 | 14582.5 | 14466.6 | 14350.7 | 13161.7 | 11972.8 |
| 17882.2 | 70°   | 16296.5 | 14811.8 | 13327.0 | 13275.1 | 13223.2 | 11929.9 | 10636.8 |
| 15598.2 | 72.5° | 14410.6 | 13248.9 | 12087.2 | 12050.0 | 12012.8 | 10528.7 | 9044.7  |
| 13021.9 | 75°   | 12185.9 | 11282.1 | 10378.3 | 10240.4 | 10102.5 | 8566.6  | 7030.6  |
| 10252.6 | 77.5° | 9659.7  | 8972.6  | 8285.6  | 8088.2  | 7890.9  | 6457.0  | 5023.3  |
| 7539.6  | 80°   | 7228.2  | 6709.6  | 6190.7  | 5945.4  | 5700.1  | 4493.9  | 3287.7  |
| 4952.8  | 82.5° | 4822.9  | 4465.7  | 4108.6  | 3834.5  | 3560.5  | 2735.7  | 1911.1  |
| 2842.9  | 85°   | 2769.2  | 2475.8  | 2182.3  | 1949.3  | 1716.2  | 1278.5  | 840.8   |
| 1114.3  | 87.5° | 1108.1  | 961.3   | 814.6   | 684.5   | 554.5   | 407.4   | 260.3   |
| 0.0     | 90°   | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |

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