

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: P950365

Luminaire Tested: **GALN-SB4D-830-U-SLR**

Issue Date: 1/21/2025

**Test Information**

Test Method: LM-79-08  
Report Number: P950365  
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-SB4D-830-U-SLR  
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE  
(4) 80 CRI, 3000K, 900mA LIGHTSQUARES WITH 26 LEDS EACH AND SPILL LIGHT  
ELIMINATOR RIGHT OPTICS  
Light Source: -  
Ballast/Driver: -

**Summary**

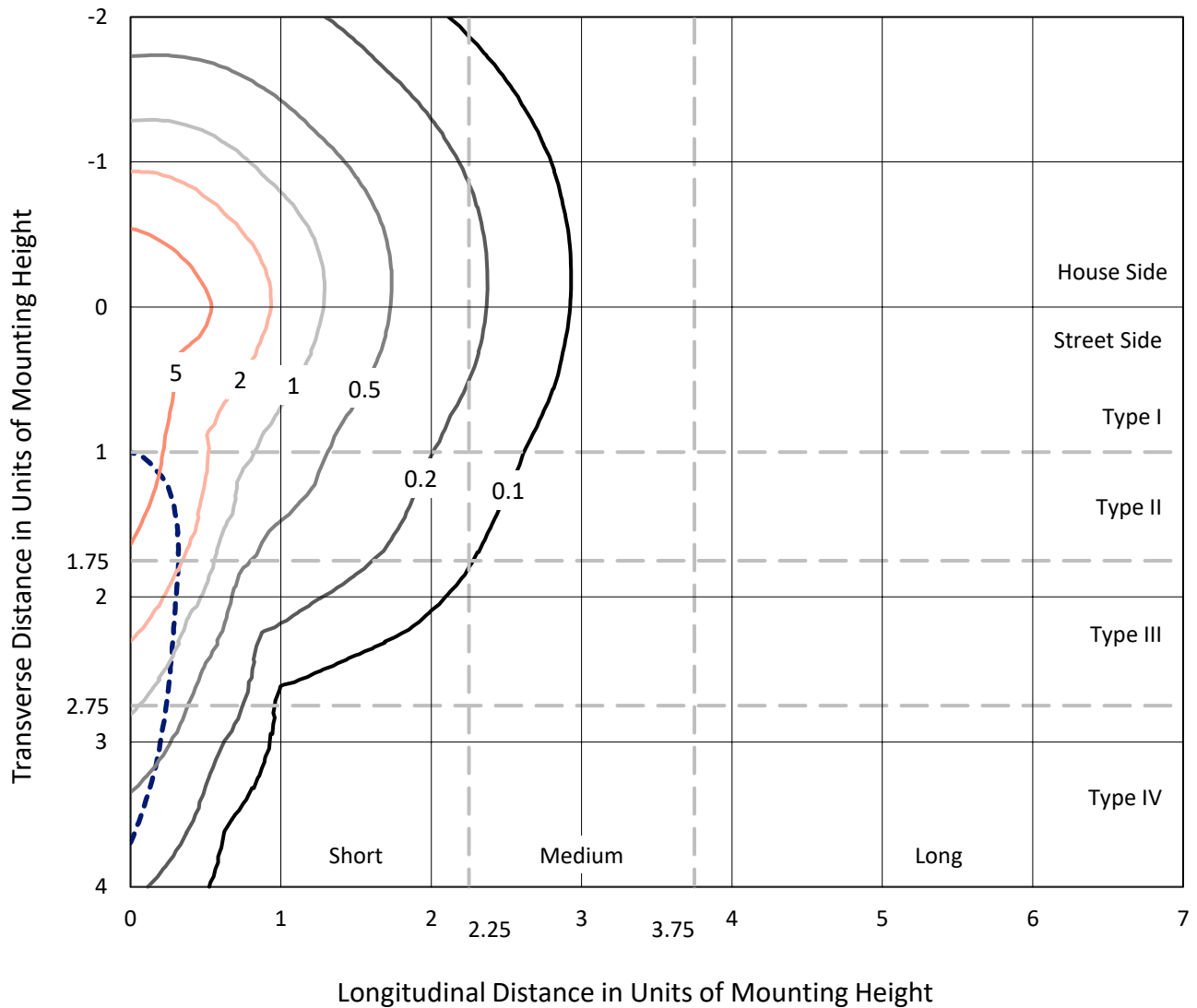
Lumens per Lamp: N/A  
Luminaire Lumens: 36515 lumens  
Efficiency: N/A  
Efficacy: 124.4 lumens/watt  
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')  
IES Classification: Type IV - Short  
BUG Rating: B4 - U0 - G5  
  
Input Watts (W): 293.6  
Input Voltage (V): NR  
Input Current (Ain): NR  
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

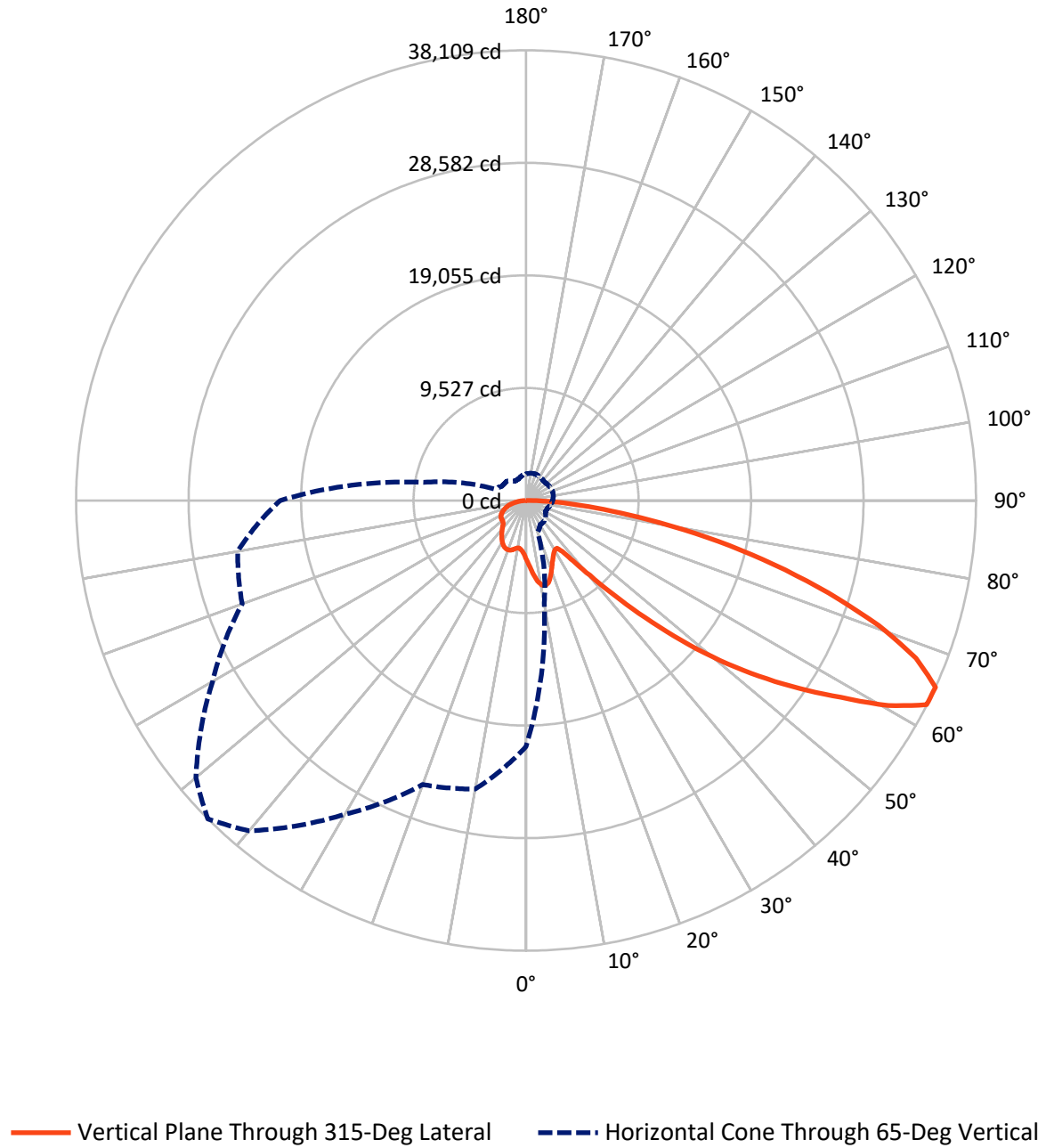
× Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 9.9 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    | 9280.3   | 0.0    | 9280.3  |
|                    | % Fixture | 25.4     | 0.0    | 25.4    |
| <b>Street Side</b> | Lumens    | 27234.7  | 0.0    | 27234.7 |
|                    | % Fixture | 74.6     | 0.0    | 74.6    |
| <b>Total</b>       | Lumens    | 36515.0  | 0.0    | 36515.0 |
|                    | % Fixture | 100.0    | 0.0    | 100.0   |

**Coefficient of Utilization**

**ZONAL LUMENS:**

| Zone      | Lumens  | % Fixture |
|-----------|---------|-----------|
| 0°-10°    | 498.1   | 1.4       |
| 10°-20°   | 1563.6  | 4.3       |
| 20°-30°   | 2415.2  | 6.6       |
| 30°-40°   | 3060.7  | 8.4       |
| 40°-50°   | 4616.3  | 12.6      |
| 50°-60°   | 7458.4  | 20.4      |
| 60°-70°   | 9298.0  | 25.5      |
| 70°-80°   | 6097.2  | 16.7      |
| 80°-90°   | 1507.4  | 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°    | 36515.0 | 100.0     |
| 0°-180°   | 36515.0 | 100.0     |



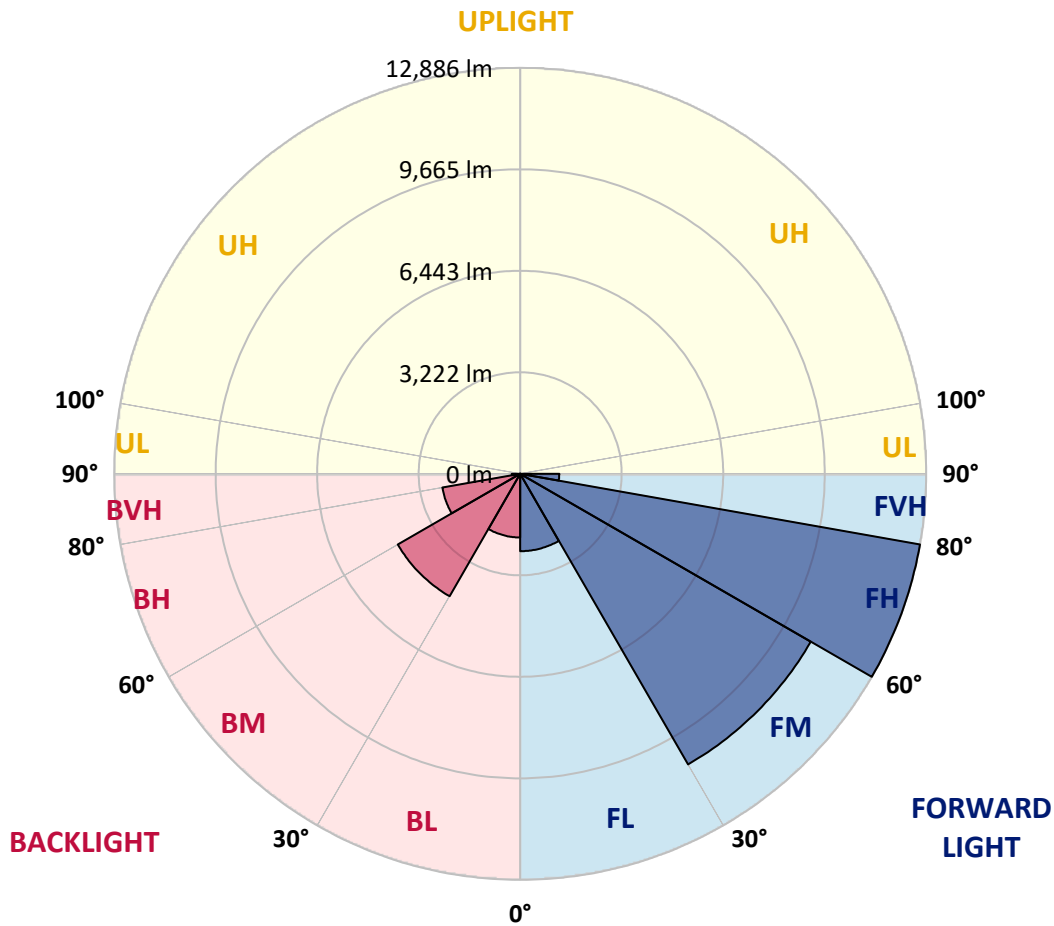
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

| Zone           | Lumens  | % Fixture | Zone Rating/Lumen Limit |      |         |
|----------------|---------|-----------|-------------------------|------|---------|
|                |         |           | B                       | U    | G       |
| FL (0°-30°)    | 2456.1  | 6.7       |                         |      |         |
| FM (30°-60°)   | 10650.6 | 29.2      |                         |      |         |
| FH (60°-80°)   | 12886.3 | 35.3      |                         |      | G5      |
| FVH (80°-90°)  | 1241.7  | 3.4       |                         |      | G5      |
| BL (0°-30°)    | 2020.9  | 5.5       | B3/2500                 |      |         |
| BM (30°-60°)   | 4484.8  | 12.3      | B3/5000                 |      |         |
| BH (60°-80°)   | 2509.0  | 6.9       | B4/5000                 |      | G4/5000 |
| BVH (80°-90°)  | 265.6   | 0.7       |                         |      | G3/500  |
| UL (90°-100°)  | 0.0     | 0.0       |                         | U0/0 |         |
| UH (100°-180°) | 0.0     | 0.0       |                         | U0/0 |         |

**BUG Rating: B4-U0-G5**

Type IV Short



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**CANDELA DISTRIBUTION (FULL):**

|       | 0°      | 5°      | 10°     | 15°    | 20°    | 25°    | 30°    | 35°    | 40°    | 45°    |
|-------|---------|---------|---------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 5021.1  | 5021.1  | 5021.1  | 5021.1 | 5021.1 | 5021.1 | 5021.1 | 5021.1 | 5021.1 | 5021.1 |
| 2.5°  | 5399.7  | 5358.3  | 5316.9  | 5272.8 | 5228.8 | 5184.5 | 5140.2 | 5097.8 | 5055.4 | 5014.4 |
| 5°    | 5806.3  | 5714.8  | 5623.2  | 5531.9 | 5440.8 | 5348.9 | 5257.2 | 5171.4 | 5085.7 | 5004.7 |
| 7.5°  | 6214.8  | 6063.7  | 5912.8  | 5773.3 | 5633.8 | 5498.0 | 5362.2 | 5242.5 | 5122.9 | 5012.5 |
| 10°   | 6527.9  | 6336.9  | 6146.0  | 5961.6 | 5777.4 | 5612.4 | 5447.3 | 5305.9 | 5164.1 | 5027.9 |
| 12.5° | 6719.6  | 6509.7  | 6300.1  | 6091.2 | 5882.4 | 5687.8 | 5493.2 | 5333.1 | 5173.0 | 5029.8 |
| 15°   | 6836.1  | 6617.4  | 6398.8  | 6172.2 | 5945.6 | 5721.5 | 5497.4 | 5312.1 | 5126.7 | 4968.1 |
| 17.5° | 6901.6  | 6679.9  | 6458.1  | 6210.9 | 5963.7 | 5703.6 | 5443.5 | 5220.5 | 4997.6 | 4811.1 |
| 20°   | 6973.9  | 6743.5  | 6512.8  | 6241.1 | 5969.5 | 5654.3 | 5339.0 | 5062.7 | 4786.4 | 4569.3 |
| 22.5° | 7057.7  | 6822.3  | 6586.6  | 6282.0 | 5977.2 | 5593.8 | 5210.3 | 4877.6 | 4544.8 | 4297.6 |
| 25°   | 7165.6  | 6934.8  | 6704.1  | 6356.0 | 6007.6 | 5534.0 | 5060.6 | 4670.8 | 4281.3 | 4027.9 |
| 27.5° | 7312.0  | 7092.0  | 6871.8  | 6471.6 | 6071.2 | 5494.1 | 4917.1 | 4481.8 | 4046.6 | 3815.9 |
| 30°   | 7509.5  | 7296.8  | 7084.3  | 6621.3 | 6158.3 | 5475.5 | 4792.2 | 4323.8 | 3855.4 | 3661.8 |
| 32.5° | 7742.7  | 7532.1  | 7321.7  | 6777.6 | 6233.4 | 5452.3 | 4670.8 | 4187.6 | 3704.2 | 3548.1 |
| 35°   | 8025.9  | 7824.4  | 7622.6  | 6955.6 | 6288.5 | 5408.8 | 4529.4 | 4053.7 | 3578.0 | 3447.9 |
| 37.5° | 8502.8  | 8245.7  | 7988.7  | 7155.0 | 6321.3 | 5334.2 | 4347.1 | 3896.1 | 3445.0 | 3331.4 |
| 40°   | 9223.4  | 8848.8  | 8474.3  | 7408.2 | 6341.9 | 5231.5 | 4121.3 | 3708.0 | 3294.8 | 3191.7 |
| 42.5° | 10179.1 | 9638.4  | 9097.8  | 7739.4 | 6381.0 | 5125.6 | 3870.5 | 3500.5 | 3130.6 | 3035.6 |
| 45°   | 11359.2 | 10629.9 | 9900.6  | 8175.2 | 6449.8 | 5027.1 | 3604.6 | 3280.1 | 2955.6 | 2859.3 |
| 47.5° | 12835.1 | 11808.7 | 10782.1 | 8639.6 | 6497.0 | 4945.8 | 3394.6 | 3105.7 | 2816.9 | 2692.6 |
| 50°   | 14769.6 | 13222.2 | 11674.6 | 9070.4 | 6466.2 | 4857.2 | 3248.1 | 2989.9 | 2731.8 | 2568.4 |
| 52.5° | 16990.1 | 14706.9 | 12423.7 | 9350.2 | 6276.4 | 4707.5 | 3138.7 | 2913.6 | 2688.8 | 2500.9 |
| 55°   | 19354.3 | 16023.3 | 12692.5 | 9288.5 | 5884.3 | 4459.3 | 3034.3 | 2858.3 | 2682.4 | 2507.7 |
| 57.5° | 21504.5 | 16956.2 | 12407.9 | 8854.6 | 5301.5 | 4109.4 | 2917.1 | 2792.8 | 2668.6 | 2514.4 |
| 60°   | 22804.1 | 17189.4 | 11574.4 | 8047.1 | 4519.8 | 3655.1 | 2790.3 | 2692.6 | 2595.0 | 2493.2 |
| 62.5° | 22144.2 | 16207.7 | 10271.2 | 6955.2 | 3639.3 | 3111.3 | 2583.4 | 2518.5 | 2453.7 | 2441.2 |
| 65°   | 20823.4 | 14818.7 | 8813.9  | 5841.2 | 2868.6 | 2622.1 | 2375.7 | 2345.1 | 2314.4 | 2316.0 |
| 67.5° | 19053.7 | 13165.7 | 7277.7  | 4749.8 | 2221.9 | 2152.0 | 2081.9 | 2099.0 | 2116.0 | 2111.7 |
| 70°   | 16927.5 | 11362.1 | 5796.6  | 3739.8 | 1683.0 | 1703.1 | 1722.9 | 1802.3 | 1881.5 | 1881.5 |
| 72.5° | 14393.8 | 9406.8  | 4420.0  | 2859.1 | 1298.2 | 1358.6 | 1419.1 | 1531.6 | 1643.9 | 1662.8 |
| 75°   | 11188.7 | 7165.4  | 3142.2  | 2075.1 | 1008.1 | 1062.8 | 1117.5 | 1243.5 | 1369.5 | 1456.6 |
| 77.5° | 7994.1  | 5015.2  | 2036.2  | 1406.1 | 776.1  | 813.3  | 850.7  | 973.0  | 1095.4 | 1238.9 |
| 80°   | 5232.1  | 3231.2  | 1230.2  | 906.0  | 581.9  | 597.3  | 612.7  | 716.4  | 819.8  | 991.3  |
| 82.5° | 3041.4  | 1870.1  | 699.0   | 557.2  | 415.8  | 418.5  | 421.6  | 497.9  | 574.2  | 720.6  |
| 85°   | 1338.1  | 841.2   | 344.5   | 297.9  | 251.4  | 250.1  | 248.6  | 304.4  | 360.3  | 469.2  |
| 87.5° | 414.3   | 275.5   | 136.8   | 123.5  | 110.2  | 108.9  | 107.5  | 130.2  | 153.2  | 198.5  |
| 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°   |
|--------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 5021.1 | 0°    | 5021.1 | 5021.1 | 5021.1 | 5021.1 | 5021.1 | 5021.1 | 5021.1 | 5021.1 | 5021.1 | 5021.1 |
| 4968.7 | 2.5°  | 4931.7 | 4894.9 | 4861.6 | 4828.5 | 4799.4 | 4770.3 | 4741.0 | 4711.9 | 4689.3 | 4666.6 |
| 4924.8 | 5°    | 4855.0 | 4785.1 | 4726.5 | 4668.1 | 4616.5 | 4564.9 | 4518.1 | 4471.0 | 4435.0 | 4398.8 |
| 4909.0 | 7.5°  | 4816.1 | 4723.4 | 4646.4 | 4569.3 | 4504.4 | 4439.2 | 4381.8 | 4324.6 | 4281.6 | 4238.9 |
| 4916.7 | 10°   | 4818.8 | 4720.9 | 4643.9 | 4566.8 | 4496.9 | 4426.7 | 4362.2 | 4297.6 | 4246.4 | 4194.9 |
| 4926.3 | 12.5° | 4846.2 | 4766.4 | 4715.2 | 4664.3 | 4609.2 | 4554.5 | 4487.6 | 4420.9 | 4355.4 | 4289.9 |
| 4885.3 | 15°   | 4846.9 | 4808.8 | 4815.7 | 4822.7 | 4808.4 | 4794.2 | 4736.2 | 4678.2 | 4584.9 | 4491.7 |
| 4760.1 | 17.5° | 4774.1 | 4788.0 | 4872.0 | 4956.0 | 5000.7 | 5045.2 | 4998.4 | 4951.8 | 4828.3 | 4704.8 |
| 4555.8 | 20°   | 4621.3 | 4686.8 | 4832.7 | 4978.7 | 5072.2 | 5165.6 | 5144.1 | 5122.3 | 4981.1 | 4840.0 |
| 4324.0 | 22.5° | 4420.9 | 4517.9 | 4684.3 | 4851.2 | 4972.8 | 5094.3 | 5107.4 | 5120.4 | 4985.5 | 4850.6 |
| 4099.2 | 25°   | 4210.9 | 4322.7 | 4472.4 | 4622.3 | 4741.9 | 4861.6 | 4906.3 | 4950.8 | 4840.2 | 4729.8 |
| 3902.6 | 27.5° | 4010.5 | 4118.4 | 4241.6 | 4364.5 | 4460.4 | 4556.4 | 4606.1 | 4656.0 | 4577.2 | 4498.6 |
| 3729.8 | 30°   | 3815.4 | 3901.3 | 4003.4 | 4105.5 | 4185.1 | 4264.9 | 4305.3 | 4345.8 | 4285.9 | 4225.8 |
| 3578.4 | 32.5° | 3629.0 | 3679.7 | 3761.2 | 3842.9 | 3919.2 | 3995.7 | 4040.6 | 4085.7 | 4030.6 | 3975.3 |
| 3435.4 | 35°   | 3449.3 | 3463.3 | 3525.6 | 3587.6 | 3663.1 | 3738.9 | 3792.8 | 3846.8 | 3807.5 | 3768.4 |
| 3285.5 | 37.5° | 3270.1 | 3254.7 | 3299.4 | 3343.9 | 3419.2 | 3494.8 | 3561.4 | 3628.1 | 3610.0 | 3591.9 |
| 3121.3 | 40°   | 3086.5 | 3051.6 | 3083.8 | 3116.0 | 3188.8 | 3261.6 | 3338.3 | 3415.2 | 3419.6 | 3423.8 |
| 2947.0 | 42.5° | 2900.7 | 2854.5 | 2880.7 | 2907.1 | 2976.1 | 3045.2 | 3128.1 | 3210.9 | 3233.1 | 3255.3 |
| 2773.6 | 45°   | 2728.5 | 2683.6 | 2705.6 | 2727.9 | 2793.4 | 2858.9 | 2944.9 | 3030.8 | 3062.6 | 3094.4 |
| 2618.8 | 47.5° | 2581.1 | 2543.3 | 2564.1 | 2584.7 | 2648.9 | 2712.9 | 2797.7 | 2882.4 | 2919.0 | 2955.6 |
| 2482.6 | 50°   | 2449.1 | 2415.8 | 2448.1 | 2480.7 | 2541.2 | 2601.5 | 2677.4 | 2753.3 | 2800.3 | 2847.4 |
| 2381.1 | 52.5° | 2347.9 | 2315.0 | 2363.7 | 2412.3 | 2467.8 | 2523.1 | 2593.8 | 2664.7 | 2720.4 | 2776.1 |
| 2327.1 | 55°   | 2274.7 | 2222.5 | 2291.7 | 2360.7 | 2420.4 | 2480.1 | 2542.2 | 2604.0 | 2663.0 | 2722.1 |
| 2294.8 | 57.5° | 2218.5 | 2142.2 | 2216.5 | 2290.9 | 2361.0 | 2431.2 | 2492.5 | 2553.9 | 2613.5 | 2672.8 |
| 2264.3 | 60°   | 2165.5 | 2066.4 | 2131.8 | 2196.9 | 2277.4 | 2358.0 | 2420.2 | 2482.6 | 2542.4 | 2602.1 |
| 2228.9 | 62.5° | 2105.2 | 1981.7 | 2023.1 | 2064.5 | 2158.4 | 2252.4 | 2318.9 | 2385.3 | 2440.0 | 2494.8 |
| 2154.1 | 65°   | 2022.7 | 1891.1 | 1907.1 | 1922.9 | 2023.5 | 2124.2 | 2187.8 | 2251.4 | 2299.6 | 2347.8 |
| 2020.8 | 67.5° | 1911.3 | 1801.9 | 1796.9 | 1791.9 | 1884.8 | 1977.8 | 2038.1 | 2098.2 | 2139.9 | 2181.5 |
| 1851.6 | 70°   | 1773.8 | 1695.9 | 1678.6 | 1661.2 | 1742.9 | 1824.6 | 1876.7 | 1928.7 | 1966.3 | 2003.8 |
| 1663.2 | 72.5° | 1609.8 | 1556.4 | 1531.0 | 1505.8 | 1570.1 | 1634.3 | 1681.3 | 1728.3 | 1765.1 | 1801.9 |
| 1449.3 | 75°   | 1408.3 | 1367.0 | 1342.8 | 1318.3 | 1366.1 | 1413.9 | 1456.4 | 1499.0 | 1532.5 | 1566.1 |
| 1235.1 | 77.5° | 1202.1 | 1169.2 | 1144.5 | 1119.8 | 1158.8 | 1197.5 | 1234.1 | 1270.7 | 1306.0 | 1341.0 |
| 990.7  | 80°   | 963.2  | 935.4  | 914.8  | 894.0  | 926.4  | 958.6  | 989.4  | 1020.2 | 1047.0 | 1073.6 |
| 728.7  | 82.5° | 715.2  | 701.7  | 687.1  | 672.4  | 669.7  | 667.0  | 656.3  | 645.5  | 702.5  | 759.5  |
| 479.8  | 85°   | 465.3  | 450.9  | 434.5  | 418.1  | 404.2  | 390.2  | 360.3  | 330.4  | 383.8  | 437.4  |
| 211.9  | 87.5° | 206.2  | 200.4  | 197.3  | 194.2  | 193.6  | 193.1  | 170.3  | 147.4  | 169.7  | 192.3  |
| 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):**

| 105°   |       | 110°   | 115°   | 120°   | 125°   | 130°   | 135°   | 140°   | 145°   | 150°   | 155°   |
|--------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 5021.1 | 0°    | 5021.1 | 5021.1 | 5021.1 | 5021.1 | 5021.1 | 5021.1 | 5021.1 | 5021.1 | 5021.1 | 5021.1 |
| 4648.3 | 2.5°  | 4630.0 | 4615.7 | 4601.5 | 4588.4 | 4575.1 | 4558.7 | 4575.1 | 4588.4 | 4601.5 | 4615.7 |
| 4373.5 | 5°    | 4348.3 | 4330.4 | 4312.5 | 4298.8 | 4285.1 | 4271.6 | 4285.1 | 4298.8 | 4312.5 | 4330.4 |
| 4208.8 | 7.5°  | 4178.7 | 4158.1 | 4137.7 | 4125.4 | 4113.2 | 4104.0 | 4113.2 | 4125.4 | 4137.7 | 4158.1 |
| 4161.4 | 10°   | 4127.5 | 4108.0 | 4088.6 | 4078.2 | 4067.8 | 4063.5 | 4067.8 | 4078.2 | 4088.6 | 4108.0 |
| 4246.6 | 12.5° | 4203.2 | 4181.4 | 4159.9 | 4151.0 | 4142.1 | 4140.6 | 4142.1 | 4151.0 | 4159.9 | 4181.4 |
| 4425.8 | 15°   | 4359.9 | 4329.6 | 4299.6 | 4288.0 | 4276.4 | 4275.5 | 4276.4 | 4288.0 | 4299.6 | 4329.6 |
| 4607.6 | 17.5° | 4510.5 | 4465.8 | 4420.9 | 4406.3 | 4391.5 | 4389.2 | 4391.5 | 4406.3 | 4420.9 | 4465.8 |
| 4720.9 | 20°   | 4602.1 | 4544.8 | 4487.4 | 4469.1 | 4450.8 | 4445.0 | 4450.8 | 4469.1 | 4487.4 | 4544.8 |
| 4728.1 | 22.5° | 4605.3 | 4545.0 | 4484.5 | 4464.3 | 4444.1 | 4435.4 | 4444.1 | 4464.3 | 4484.5 | 4545.0 |
| 4620.7 | 25°   | 4512.1 | 4459.7 | 4407.5 | 4388.4 | 4369.5 | 4358.3 | 4369.5 | 4388.4 | 4407.5 | 4459.7 |
| 4414.0 | 27.5° | 4329.4 | 4294.4 | 4259.1 | 4250.4 | 4241.8 | 4238.9 | 4241.8 | 4250.4 | 4259.1 | 4294.4 |
| 4165.3 | 30°   | 4104.4 | 4086.5 | 4068.3 | 4068.3 | 4068.3 | 4071.2 | 4068.3 | 4068.3 | 4068.3 | 4086.5 |
| 3926.9 | 32.5° | 3878.6 | 3866.8 | 3855.1 | 3856.6 | 3858.3 | 3861.2 | 3858.3 | 3856.6 | 3855.1 | 3866.8 |
| 3723.6 | 35°   | 3679.1 | 3661.2 | 3643.5 | 3639.6 | 3635.8 | 3633.9 | 3635.8 | 3639.6 | 3643.5 | 3661.2 |
| 3550.8 | 37.5° | 3509.6 | 3477.0 | 3444.7 | 3427.5 | 3410.4 | 3400.7 | 3410.4 | 3427.5 | 3444.7 | 3477.0 |
| 3389.0 | 40°   | 3354.1 | 3306.7 | 3259.7 | 3227.7 | 3196.1 | 3177.2 | 3196.1 | 3227.7 | 3259.7 | 3306.7 |
| 3225.8 | 42.5° | 3196.5 | 3137.7 | 3079.0 | 3032.5 | 2986.1 | 2955.6 | 2986.1 | 3032.5 | 3079.0 | 3137.7 |
| 3067.8 | 45°   | 3041.4 | 2974.1 | 2907.1 | 2852.6 | 2798.0 | 2763.0 | 2798.0 | 2852.6 | 2907.1 | 2974.1 |
| 2937.1 | 47.5° | 2918.7 | 2858.9 | 2799.2 | 2748.7 | 2698.4 | 2664.7 | 2698.4 | 2748.7 | 2799.2 | 2858.9 |
| 2846.2 | 50°   | 2845.4 | 2797.7 | 2749.9 | 2703.2 | 2656.6 | 2624.2 | 2656.6 | 2703.2 | 2749.9 | 2797.7 |
| 2786.1 | 52.5° | 2796.1 | 2757.2 | 2718.3 | 2676.5 | 2634.8 | 2605.0 | 2634.8 | 2676.5 | 2718.3 | 2757.2 |
| 2736.0 | 55°   | 2749.9 | 2716.0 | 2682.0 | 2645.4 | 2608.8 | 2581.9 | 2608.8 | 2645.4 | 2682.0 | 2716.0 |
| 2686.9 | 57.5° | 2700.9 | 2666.6 | 2632.3 | 2596.1 | 2559.7 | 2531.8 | 2559.7 | 2596.1 | 2632.3 | 2666.6 |
| 2617.5 | 60°   | 2632.9 | 2599.4 | 2566.1 | 2528.7 | 2491.3 | 2462.4 | 2491.3 | 2528.7 | 2566.1 | 2599.4 |
| 2509.6 | 62.5° | 2524.4 | 2494.2 | 2463.9 | 2424.6 | 2385.3 | 2350.6 | 2385.3 | 2424.6 | 2463.9 | 2494.2 |
| 2363.0 | 65°   | 2378.0 | 2348.9 | 2319.8 | 2281.7 | 2243.7 | 2213.8 | 2243.7 | 2281.7 | 2319.8 | 2348.9 |
| 2196.3 | 67.5° | 2211.0 | 2184.2 | 2157.6 | 2122.1 | 2086.7 | 2059.7 | 2086.7 | 2122.1 | 2157.6 | 2184.2 |
| 2018.1 | 70°   | 2032.3 | 2010.6 | 1988.8 | 1954.9 | 1921.0 | 1890.1 | 1921.0 | 1954.9 | 1988.8 | 2010.6 |
| 1818.9 | 72.5° | 1835.8 | 1817.7 | 1799.6 | 1767.2 | 1735.0 | 1705.2 | 1735.0 | 1767.2 | 1799.6 | 1817.7 |
| 1583.8 | 75°   | 1601.5 | 1592.7 | 1583.8 | 1556.6 | 1529.5 | 1500.9 | 1529.5 | 1556.6 | 1583.8 | 1592.7 |
| 1357.6 | 77.5° | 1374.2 | 1361.8 | 1349.1 | 1321.8 | 1294.4 | 1271.7 | 1294.4 | 1321.8 | 1349.1 | 1361.8 |
| 1095.6 | 80°   | 1117.5 | 1112.1 | 1106.9 | 1070.1 | 1033.1 | 990.4  | 1033.1 | 1070.1 | 1106.9 | 1112.1 |
| 796.9  | 82.5° | 834.3  | 832.0  | 829.5  | 798.4  | 767.2  | 739.9  | 767.2  | 798.4  | 829.5  | 832.0  |
| 483.6  | 85°   | 529.9  | 526.0  | 522.2  | 497.9  | 473.6  | 448.9  | 473.6  | 497.9  | 522.2  | 526.0  |
| 211.0  | 87.5° | 229.7  | 225.0  | 220.0  | 207.7  | 195.0  | 183.0  | 195.0  | 207.7  | 220.0  | 225.0  |
| 0.0    | 90°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |

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**CANDELA DISTRIBUTION (continued):**

| 160°   |       | 165°   | 170°   | 175°   | 180°   | 185°   | 190°   | 195°   | 200°   | 205°   | 210°   |
|--------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 5021.1 | 0°    | 5021.1 | 5021.1 | 5021.1 | 5021.1 | 5021.1 | 5021.1 | 5021.1 | 5021.1 | 5021.1 | 5021.1 |
| 4630.0 | 2.5°  | 4648.3 | 4666.6 | 4689.3 | 4711.9 | 4741.0 | 4770.3 | 4799.4 | 4828.5 | 4861.6 | 4894.9 |
| 4348.3 | 5°    | 4373.5 | 4398.8 | 4435.0 | 4471.0 | 4518.1 | 4564.9 | 4616.5 | 4668.1 | 4726.5 | 4785.1 |
| 4178.7 | 7.5°  | 4208.8 | 4238.9 | 4281.6 | 4324.6 | 4381.8 | 4439.2 | 4504.4 | 4569.3 | 4646.4 | 4723.4 |
| 4127.5 | 10°   | 4161.4 | 4194.9 | 4246.4 | 4297.6 | 4362.2 | 4426.7 | 4496.9 | 4566.8 | 4643.9 | 4720.9 |
| 4203.2 | 12.5° | 4246.6 | 4289.9 | 4355.4 | 4420.9 | 4487.6 | 4554.5 | 4609.2 | 4664.3 | 4715.2 | 4766.4 |
| 4359.9 | 15°   | 4425.8 | 4491.7 | 4584.9 | 4678.2 | 4736.2 | 4794.2 | 4808.4 | 4822.7 | 4815.7 | 4808.8 |
| 4510.5 | 17.5° | 4607.6 | 4704.8 | 4828.3 | 4951.8 | 4998.4 | 5045.2 | 5000.7 | 4956.0 | 4872.0 | 4788.0 |
| 4602.1 | 20°   | 4720.9 | 4840.0 | 4981.1 | 5122.3 | 5144.1 | 5165.6 | 5072.2 | 4978.7 | 4832.7 | 4686.8 |
| 4605.3 | 22.5° | 4728.1 | 4850.6 | 4985.5 | 5120.4 | 5107.4 | 5094.3 | 4972.8 | 4851.2 | 4684.3 | 4517.9 |
| 4512.1 | 25°   | 4620.7 | 4729.8 | 4840.2 | 4950.8 | 4906.3 | 4861.6 | 4741.9 | 4622.3 | 4472.4 | 4322.7 |
| 4329.4 | 27.5° | 4414.0 | 4498.6 | 4577.2 | 4656.0 | 4606.1 | 4556.4 | 4460.4 | 4364.5 | 4241.6 | 4118.4 |
| 4104.4 | 30°   | 4165.3 | 4225.8 | 4285.9 | 4345.8 | 4305.3 | 4264.9 | 4185.1 | 4105.5 | 4003.4 | 3901.3 |
| 3878.6 | 32.5° | 3926.9 | 3975.3 | 4030.6 | 4085.7 | 4040.6 | 3995.7 | 3919.2 | 3842.9 | 3761.2 | 3679.7 |
| 3679.1 | 35°   | 3723.6 | 3768.4 | 3807.5 | 3846.8 | 3792.8 | 3738.9 | 3663.1 | 3587.6 | 3525.6 | 3463.3 |
| 3509.6 | 37.5° | 3550.8 | 3591.9 | 3610.0 | 3628.1 | 3561.4 | 3494.8 | 3419.2 | 3343.9 | 3299.4 | 3254.7 |
| 3354.1 | 40°   | 3389.0 | 3423.8 | 3419.6 | 3415.2 | 3338.3 | 3261.6 | 3188.8 | 3116.0 | 3083.8 | 3051.6 |
| 3196.5 | 42.5° | 3225.8 | 3255.3 | 3233.1 | 3210.9 | 3128.1 | 3045.2 | 2976.1 | 2907.1 | 2880.7 | 2854.5 |
| 3041.4 | 45°   | 3067.8 | 3094.4 | 3062.6 | 3030.8 | 2944.9 | 2858.9 | 2793.4 | 2727.9 | 2705.6 | 2683.6 |
| 2918.7 | 47.5° | 2937.1 | 2955.6 | 2919.0 | 2882.4 | 2797.7 | 2712.9 | 2648.9 | 2584.7 | 2564.1 | 2543.3 |
| 2845.4 | 50°   | 2846.2 | 2847.4 | 2800.3 | 2753.3 | 2677.4 | 2601.5 | 2541.2 | 2480.7 | 2448.1 | 2415.8 |
| 2796.1 | 52.5° | 2786.1 | 2776.1 | 2720.4 | 2664.7 | 2593.8 | 2523.1 | 2467.8 | 2412.3 | 2363.7 | 2315.0 |
| 2749.9 | 55°   | 2736.0 | 2722.1 | 2663.0 | 2604.0 | 2542.2 | 2480.1 | 2420.4 | 2360.7 | 2291.7 | 2222.5 |
| 2700.9 | 57.5° | 2686.9 | 2672.8 | 2613.5 | 2553.9 | 2492.5 | 2431.2 | 2361.0 | 2290.9 | 2216.5 | 2142.2 |
| 2632.9 | 60°   | 2617.5 | 2602.1 | 2542.4 | 2482.6 | 2420.2 | 2358.0 | 2277.4 | 2196.9 | 2131.8 | 2066.4 |
| 2524.4 | 62.5° | 2509.6 | 2494.8 | 2440.0 | 2385.3 | 2318.9 | 2252.4 | 2158.4 | 2064.5 | 2023.1 | 1981.7 |
| 2378.0 | 65°   | 2363.0 | 2347.8 | 2299.6 | 2251.4 | 2187.8 | 2124.2 | 2023.5 | 1922.9 | 1907.1 | 1891.1 |
| 2211.0 | 67.5° | 2196.3 | 2181.5 | 2139.9 | 2098.2 | 2038.1 | 1977.8 | 1884.8 | 1791.9 | 1796.9 | 1801.9 |
| 2032.3 | 70°   | 2018.1 | 2003.8 | 1966.3 | 1928.7 | 1876.7 | 1824.6 | 1742.9 | 1661.2 | 1678.6 | 1695.9 |
| 1835.8 | 72.5° | 1818.9 | 1801.9 | 1765.1 | 1728.3 | 1681.3 | 1634.3 | 1570.1 | 1505.8 | 1531.0 | 1556.4 |
| 1601.5 | 75°   | 1583.8 | 1566.1 | 1532.5 | 1499.0 | 1456.4 | 1413.9 | 1366.1 | 1318.3 | 1342.8 | 1367.0 |
| 1374.2 | 77.5° | 1357.6 | 1341.0 | 1306.0 | 1270.7 | 1234.1 | 1197.5 | 1158.8 | 1119.8 | 1144.5 | 1169.2 |
| 1117.5 | 80°   | 1095.6 | 1073.6 | 1047.0 | 1020.2 | 989.4  | 958.6  | 926.4  | 894.0  | 914.8  | 935.4  |
| 834.3  | 82.5° | 796.9  | 759.5  | 702.5  | 645.5  | 656.3  | 667.0  | 669.7  | 672.4  | 687.1  | 701.7  |
| 529.9  | 85°   | 483.6  | 437.4  | 383.8  | 330.4  | 360.3  | 390.2  | 404.2  | 418.1  | 434.5  | 450.9  |
| 229.7  | 87.5° | 211.0  | 192.3  | 169.7  | 147.4  | 170.3  | 193.1  | 193.6  | 194.2  | 197.3  | 200.4  |
| 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):**

| 215°   |       | 220°   | 225°   | 230°   | 235°   | 240°   | 245°   | 250°   | 255°   | 260°    | 265°    |
|--------|-------|--------|--------|--------|--------|--------|--------|--------|--------|---------|---------|
| 5021.1 | 0°    | 5021.1 | 5021.1 | 5021.1 | 5021.1 | 5021.1 | 5021.1 | 5021.1 | 5021.1 | 5021.1  | 5021.1  |
| 4931.7 | 2.5°  | 4968.7 | 5014.4 | 5055.4 | 5097.8 | 5140.2 | 5184.5 | 5228.8 | 5272.8 | 5316.9  | 5358.3  |
| 4855.0 | 5°    | 4924.8 | 5004.7 | 5085.7 | 5171.4 | 5257.2 | 5348.9 | 5440.8 | 5531.9 | 5623.2  | 5714.8  |
| 4816.1 | 7.5°  | 4909.0 | 5012.5 | 5122.9 | 5242.5 | 5362.2 | 5498.0 | 5633.8 | 5773.3 | 5912.8  | 6063.7  |
| 4818.8 | 10°   | 4916.7 | 5027.9 | 5164.1 | 5305.9 | 5447.3 | 5612.4 | 5777.4 | 5961.6 | 6146.0  | 6336.9  |
| 4846.2 | 12.5° | 4926.3 | 5029.8 | 5173.0 | 5333.1 | 5493.2 | 5687.8 | 5882.4 | 6091.2 | 6300.1  | 6509.7  |
| 4846.9 | 15°   | 4885.3 | 4968.1 | 5126.7 | 5312.1 | 5497.4 | 5721.5 | 5945.6 | 6172.2 | 6398.8  | 6617.4  |
| 4774.1 | 17.5° | 4760.1 | 4811.1 | 4997.6 | 5220.5 | 5443.5 | 5703.6 | 5963.7 | 6210.9 | 6458.1  | 6679.9  |
| 4621.3 | 20°   | 4555.8 | 4569.3 | 4786.4 | 5062.7 | 5339.0 | 5654.3 | 5969.5 | 6241.1 | 6512.8  | 6743.5  |
| 4420.9 | 22.5° | 4324.0 | 4297.6 | 4544.8 | 4877.6 | 5210.3 | 5593.8 | 5977.2 | 6282.0 | 6586.6  | 6822.3  |
| 4210.9 | 25°   | 4099.2 | 4027.9 | 4281.3 | 4670.8 | 5060.6 | 5534.0 | 6007.6 | 6356.0 | 6704.1  | 6934.8  |
| 4010.5 | 27.5° | 3902.6 | 3815.9 | 4046.6 | 4481.8 | 4917.1 | 5494.1 | 6071.2 | 6471.6 | 6871.8  | 7092.0  |
| 3815.4 | 30°   | 3729.8 | 3661.8 | 3855.4 | 4323.8 | 4792.2 | 5475.5 | 6158.3 | 6621.3 | 7084.3  | 7296.8  |
| 3629.0 | 32.5° | 3578.4 | 3548.1 | 3704.2 | 4187.6 | 4670.8 | 5452.3 | 6233.4 | 6777.6 | 7321.7  | 7532.1  |
| 3449.3 | 35°   | 3435.4 | 3447.9 | 3578.0 | 4053.7 | 4529.4 | 5408.8 | 6288.5 | 6955.6 | 7622.6  | 7824.4  |
| 3270.1 | 37.5° | 3285.5 | 3331.4 | 3445.0 | 3896.1 | 4347.1 | 5334.2 | 6321.3 | 7155.0 | 7988.7  | 8245.7  |
| 3086.5 | 40°   | 3121.3 | 3191.7 | 3294.8 | 3708.0 | 4121.3 | 5231.5 | 6341.9 | 7408.2 | 8474.3  | 8848.8  |
| 2900.7 | 42.5° | 2947.0 | 3035.6 | 3130.6 | 3500.5 | 3870.5 | 5125.6 | 6381.0 | 7739.4 | 9097.8  | 9638.4  |
| 2728.5 | 45°   | 2773.6 | 2859.3 | 2955.6 | 3280.1 | 3604.6 | 5027.1 | 6449.8 | 8175.2 | 9900.6  | 10629.9 |
| 2581.1 | 47.5° | 2618.8 | 2692.6 | 2816.9 | 3105.7 | 3394.6 | 4945.8 | 6497.0 | 8639.6 | 10782.1 | 11808.7 |
| 2449.1 | 50°   | 2482.6 | 2568.4 | 2731.8 | 2989.9 | 3248.1 | 4857.2 | 6466.2 | 9070.4 | 11674.6 | 13222.2 |
| 2347.9 | 52.5° | 2381.1 | 2500.9 | 2688.8 | 2913.6 | 3138.7 | 4707.5 | 6276.4 | 9350.2 | 12423.7 | 14706.9 |
| 2274.7 | 55°   | 2327.1 | 2507.7 | 2682.4 | 2858.3 | 3034.3 | 4459.3 | 5884.3 | 9288.5 | 12692.5 | 16023.3 |
| 2218.5 | 57.5° | 2294.8 | 2514.4 | 2668.6 | 2792.8 | 2917.1 | 4109.4 | 5301.5 | 8854.6 | 12407.9 | 16956.2 |
| 2165.5 | 60°   | 2264.3 | 2493.2 | 2595.0 | 2692.6 | 2790.3 | 3655.1 | 4519.8 | 8047.1 | 11574.4 | 17189.4 |
| 2105.2 | 62.5° | 2228.9 | 2441.2 | 2453.7 | 2518.5 | 2583.4 | 3111.3 | 3639.3 | 6955.2 | 10271.2 | 16207.7 |
| 2022.7 | 65°   | 2154.1 | 2316.0 | 2314.4 | 2345.1 | 2375.7 | 2622.1 | 2868.6 | 5841.2 | 8813.9  | 14818.7 |
| 1911.3 | 67.5° | 2020.8 | 2111.7 | 2116.0 | 2099.0 | 2081.9 | 2152.0 | 2221.9 | 4749.8 | 7277.7  | 13165.7 |
| 1773.8 | 70°   | 1851.6 | 1881.5 | 1881.5 | 1802.3 | 1722.9 | 1703.1 | 1683.0 | 3739.8 | 5796.6  | 11362.1 |
| 1609.8 | 72.5° | 1663.2 | 1662.8 | 1643.9 | 1531.6 | 1419.1 | 1358.6 | 1298.2 | 2859.1 | 4420.0  | 9406.8  |
| 1408.3 | 75°   | 1449.3 | 1456.6 | 1369.5 | 1243.5 | 1117.5 | 1062.8 | 1008.1 | 2075.1 | 3142.2  | 7165.4  |
| 1202.1 | 77.5° | 1235.1 | 1238.9 | 1095.4 | 973.0  | 850.7  | 813.3  | 776.1  | 1406.1 | 2036.2  | 5015.2  |
| 963.2  | 80°   | 990.7  | 991.3  | 819.8  | 716.4  | 612.7  | 597.3  | 581.9  | 906.0  | 1230.2  | 3231.2  |
| 715.2  | 82.5° | 728.7  | 720.6  | 574.2  | 497.9  | 421.6  | 418.5  | 415.8  | 557.2  | 699.0   | 1870.1  |
| 465.3  | 85°   | 479.8  | 469.2  | 360.3  | 304.4  | 248.6  | 250.1  | 251.4  | 297.9  | 344.5   | 841.2   |
| 206.2  | 87.5° | 211.9  | 198.5  | 153.2  | 130.2  | 107.5  | 108.9  | 110.2  | 123.5  | 136.8   | 275.5   |
| 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):**

| 270°    |       | 275°    | 280°    | 285°    | 290°    | 295°    | 300°    | 305°    | 310°    | 315°    | 320°    |
|---------|-------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 5021.1  | 0°    | 5021.1  | 5021.1  | 5021.1  | 5021.1  | 5021.1  | 5021.1  | 5021.1  | 5021.1  | 5021.1  | 5021.1  |
| 5399.7  | 2.5°  | 5420.2  | 5440.8  | 5469.9  | 5499.0  | 5516.3  | 5533.6  | 5542.3  | 5551.0  | 5547.1  | 5551.0  |
| 5806.3  | 5°    | 5877.8  | 5949.4  | 6020.3  | 6091.4  | 6130.0  | 6168.5  | 6191.8  | 6215.3  | 6233.1  | 6215.3  |
| 6214.8  | 7.5°  | 6331.1  | 6447.3  | 6551.9  | 6656.6  | 6719.6  | 6782.6  | 6816.7  | 6850.6  | 6867.0  | 6850.6  |
| 6527.9  | 10°   | 6665.4  | 6803.0  | 6925.7  | 7048.5  | 7122.8  | 7196.8  | 7230.0  | 7262.9  | 7275.4  | 7262.9  |
| 6719.6  | 12.5° | 6868.7  | 7017.6  | 7128.6  | 7239.2  | 7293.2  | 7347.1  | 7365.2  | 7383.3  | 7385.3  | 7383.3  |
| 6836.1  | 15°   | 6964.8  | 7093.4  | 7162.9  | 7232.7  | 7234.6  | 7236.5  | 7217.2  | 7198.0  | 7175.2  | 7198.0  |
| 6901.6  | 17.5° | 6988.5  | 7075.4  | 7076.8  | 7077.9  | 6999.9  | 6921.9  | 6850.4  | 6778.7  | 6728.2  | 6778.7  |
| 6973.9  | 20°   | 7004.1  | 7034.6  | 6943.1  | 6851.5  | 6679.3  | 6507.0  | 6381.6  | 6256.2  | 6179.1  | 6256.2  |
| 7057.7  | 22.5° | 7018.0  | 6978.3  | 6788.7  | 6599.1  | 6345.8  | 6092.4  | 5935.6  | 5778.7  | 5693.6  | 5778.7  |
| 7165.6  | 25°   | 7040.4  | 6915.1  | 6627.3  | 6339.4  | 6031.7  | 5724.0  | 5559.1  | 5394.5  | 5314.0  | 5394.5  |
| 7312.0  | 27.5° | 7088.2  | 6864.1  | 6482.8  | 6101.7  | 5760.6  | 5419.6  | 5257.3  | 5095.3  | 5019.2  | 5095.3  |
| 7509.5  | 30°   | 7175.6  | 6841.9  | 6372.6  | 5903.2  | 5547.9  | 5192.6  | 5042.1  | 4891.6  | 4820.7  | 4891.6  |
| 7742.7  | 32.5° | 7285.5  | 6828.4  | 6297.4  | 5766.4  | 5432.5  | 5098.6  | 4980.5  | 4862.2  | 4811.1  | 4862.2  |
| 8025.9  | 35°   | 7466.4  | 6907.0  | 6353.7  | 5800.5  | 5568.5  | 5336.7  | 5309.2  | 5281.6  | 5277.4  | 5281.6  |
| 8502.8  | 37.5° | 7844.6  | 7186.4  | 6683.5  | 6180.6  | 6165.6  | 6150.6  | 6276.6  | 6402.6  | 6468.1  | 6402.6  |
| 9223.4  | 40°   | 8507.6  | 7791.8  | 7417.8  | 7043.8  | 7307.8  | 7571.8  | 7878.1  | 8184.5  | 8337.1  | 8184.5  |
| 10179.1 | 42.5° | 9468.9  | 8758.6  | 8543.2  | 8327.8  | 8903.5  | 9479.3  | 10036.5 | 10593.7 | 10920.9 | 10593.7 |
| 11359.2 | 45°   | 10721.2 | 10083.1 | 9988.1  | 9892.9  | 10815.3 | 11737.8 | 12653.4 | 13569.2 | 14125.1 | 13569.2 |
| 12835.1 | 47.5° | 12214.5 | 11593.7 | 11574.4 | 11555.1 | 12885.8 | 14216.0 | 15556.4 | 16896.7 | 17683.8 | 16896.7 |
| 14769.6 | 50°   | 14002.9 | 13236.4 | 13239.7 | 13243.0 | 14957.8 | 16672.6 | 18441.9 | 20211.3 | 21281.0 | 20211.3 |
| 16990.1 | 52.5° | 16061.8 | 15133.7 | 15039.9 | 14945.8 | 16994.2 | 19042.5 | 21231.7 | 23420.7 | 24702.9 | 23420.7 |
| 19354.3 | 55°   | 18437.1 | 17520.0 | 17154.1 | 16788.2 | 19068.0 | 21347.5 | 23957.3 | 26567.1 | 28092.1 | 26567.1 |
| 21504.5 | 57.5° | 21005.1 | 20505.5 | 19771.6 | 19037.9 | 21339.8 | 23641.7 | 26597.7 | 29553.6 | 31444.7 | 29553.6 |
| 22804.1 | 60°   | 23579.8 | 24355.7 | 23444.4 | 22533.0 | 24711.4 | 26889.8 | 30054.7 | 33219.6 | 35263.5 | 33219.6 |
| 22144.2 | 62.5° | 24263.8 | 26383.5 | 26280.8 | 26177.9 | 28173.4 | 30169.2 | 33180.3 | 36191.2 | 38080.4 | 36191.2 |
| 20823.4 | 65°   | 22812.8 | 24802.2 | 25195.8 | 25589.3 | 28125.2 | 30661.4 | 33581.2 | 36500.9 | 38109.3 | 36500.9 |
| 19053.7 | 67.5° | 20945.8 | 22837.8 | 23022.4 | 23206.8 | 25849.2 | 28491.3 | 31423.7 | 34356.0 | 35616.1 | 34356.0 |
| 16927.5 | 70°   | 18985.5 | 21043.6 | 21126.1 | 21208.8 | 23571.7 | 25934.5 | 28458.0 | 30981.3 | 31681.7 | 30981.3 |
| 14393.8 | 72.5° | 16755.5 | 19117.3 | 19176.6 | 19235.8 | 21084.5 | 22933.2 | 24823.2 | 26712.9 | 26783.8 | 26712.9 |
| 11188.7 | 75°   | 13633.0 | 16077.2 | 16296.7 | 16516.2 | 17954.5 | 19392.8 | 20723.2 | 22053.7 | 21697.2 | 22053.7 |
| 7994.1  | 77.5° | 10275.8 | 12557.6 | 12871.7 | 13185.8 | 14279.2 | 15372.6 | 16316.2 | 17259.9 | 16647.2 | 17259.9 |
| 5232.1  | 80°   | 7151.7  | 9071.2  | 9461.5  | 9851.9  | 10677.7 | 11503.1 | 11998.7 | 12494.1 | 11508.5 | 12494.1 |
| 3041.4  | 82.5° | 4353.7  | 5666.2  | 6102.2  | 6538.4  | 7106.8  | 7675.2  | 7882.0  | 8088.5  | 7314.0  | 8088.5  |
| 1338.1  | 85°   | 2034.7  | 2731.2  | 3102.1  | 3473.0  | 3940.0  | 4406.9  | 4524.2  | 4641.6  | 4021.1  | 4641.6  |
| 414.3   | 87.5° | 648.4   | 882.5   | 1089.4  | 1296.3  | 1529.8  | 1763.4  | 1773.4  | 1783.2  | 1497.1  | 1783.2  |
| 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):**

| 325°    |       | 330°    | 335°    | 340°    | 345°    | 350°    | 355°    | 360°    |
|---------|-------|---------|---------|---------|---------|---------|---------|---------|
| 5021.1  | 0°    | 5021.1  | 5021.1  | 5021.1  | 5021.1  | 5021.1  | 5021.1  | 5021.1  |
| 5542.3  | 2.5°  | 5533.6  | 5516.3  | 5499.0  | 5469.9  | 5440.8  | 5420.2  | 5399.7  |
| 6191.8  | 5°    | 6168.5  | 6130.0  | 6091.4  | 6020.3  | 5949.4  | 5877.8  | 5806.3  |
| 6816.7  | 7.5°  | 6782.6  | 6719.6  | 6656.6  | 6551.9  | 6447.3  | 6331.1  | 6214.8  |
| 7230.0  | 10°   | 7196.8  | 7122.8  | 7048.5  | 6925.7  | 6803.0  | 6665.4  | 6527.9  |
| 7365.2  | 12.5° | 7347.1  | 7293.2  | 7239.2  | 7128.6  | 7017.6  | 6868.7  | 6719.6  |
| 7217.2  | 15°   | 7236.5  | 7234.6  | 7232.7  | 7162.9  | 7093.4  | 6964.8  | 6836.1  |
| 6850.4  | 17.5° | 6921.9  | 6999.9  | 7077.9  | 7076.8  | 7075.4  | 6988.5  | 6901.6  |
| 6381.6  | 20°   | 6507.0  | 6679.3  | 6851.5  | 6943.1  | 7034.6  | 7004.1  | 6973.9  |
| 5935.6  | 22.5° | 6092.4  | 6345.8  | 6599.1  | 6788.7  | 6978.3  | 7018.0  | 7057.7  |
| 5559.1  | 25°   | 5724.0  | 6031.7  | 6339.4  | 6627.3  | 6915.1  | 7040.4  | 7165.6  |
| 5257.3  | 27.5° | 5419.6  | 5760.6  | 6101.7  | 6482.8  | 6864.1  | 7088.2  | 7312.0  |
| 5042.1  | 30°   | 5192.6  | 5547.9  | 5903.2  | 6372.6  | 6841.9  | 7175.6  | 7509.5  |
| 4980.5  | 32.5° | 5098.6  | 5432.5  | 5766.4  | 6297.4  | 6828.4  | 7285.5  | 7742.7  |
| 5309.2  | 35°   | 5336.7  | 5568.5  | 5800.5  | 6353.7  | 6907.0  | 7466.4  | 8025.9  |
| 6276.6  | 37.5° | 6150.6  | 6165.6  | 6180.6  | 6683.5  | 7186.4  | 7844.6  | 8502.8  |
| 7878.1  | 40°   | 7571.8  | 7307.8  | 7043.8  | 7417.8  | 7791.8  | 8507.6  | 9223.4  |
| 10036.5 | 42.5° | 9479.3  | 8903.5  | 8327.8  | 8543.2  | 8758.6  | 9468.9  | 10179.1 |
| 12653.4 | 45°   | 11737.8 | 10815.3 | 9892.9  | 9988.1  | 10083.1 | 10721.2 | 11359.2 |
| 15556.4 | 47.5° | 14216.0 | 12885.8 | 11555.1 | 11574.4 | 11593.7 | 12214.5 | 12835.1 |
| 18441.9 | 50°   | 16672.6 | 14957.8 | 13243.0 | 13239.7 | 13236.4 | 14002.9 | 14769.6 |
| 21231.7 | 52.5° | 19042.5 | 16994.2 | 14945.8 | 15039.9 | 15133.7 | 16061.8 | 16990.1 |
| 23957.3 | 55°   | 21347.5 | 19068.0 | 16788.2 | 17154.1 | 17520.0 | 18437.1 | 19354.3 |
| 26597.7 | 57.5° | 23641.7 | 21339.8 | 19037.9 | 19771.6 | 20505.5 | 21005.1 | 21504.5 |
| 30054.7 | 60°   | 26889.8 | 24711.4 | 22533.0 | 23444.4 | 24355.7 | 23579.8 | 22804.1 |
| 33180.3 | 62.5° | 30169.2 | 28173.4 | 26177.9 | 26280.8 | 26383.5 | 24263.8 | 22144.2 |
| 33581.2 | 65°   | 30661.4 | 28125.2 | 25589.3 | 25195.8 | 24802.2 | 22812.8 | 20823.4 |
| 31423.7 | 67.5° | 28491.3 | 25849.2 | 23206.8 | 23022.4 | 22837.8 | 20945.8 | 19053.7 |
| 28458.0 | 70°   | 25934.5 | 23571.7 | 21208.8 | 21126.1 | 21043.6 | 18985.5 | 16927.5 |
| 24823.2 | 72.5° | 22933.2 | 21084.5 | 19235.8 | 19176.6 | 19117.3 | 16755.5 | 14393.8 |
| 20723.2 | 75°   | 19392.8 | 17954.5 | 16516.2 | 16296.7 | 16077.2 | 13633.0 | 11188.7 |
| 16316.2 | 77.5° | 15372.6 | 14279.2 | 13185.8 | 12871.7 | 12557.6 | 10275.8 | 7994.1  |
| 11998.7 | 80°   | 11503.1 | 10677.7 | 9851.9  | 9461.5  | 9071.2  | 7151.7  | 5232.1  |
| 7882.0  | 82.5° | 7675.2  | 7106.8  | 6538.4  | 6102.2  | 5666.2  | 4353.7  | 3041.4  |
| 4524.2  | 85°   | 4406.9  | 3940.0  | 3473.0  | 3102.1  | 2731.2  | 2034.7  | 1338.1  |
| 1773.4  | 87.5° | 1763.4  | 1529.8  | 1296.3  | 1089.4  | 882.5   | 648.4   | 414.3   |
| 0.0     | 90°   | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |

(END OF REPORT)