

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: STREETWORKS

Report Number: P950218

Luminaire Tested: **GLAN-SB4D-727-U-SLR**

Issue Date: 1/21/2025

### Test Information

Test Method: LM-79-08  
Report Number: P950218  
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: STREETWORKS  
Catalog Number: GLAN-SB4D-727-U-SLR  
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE  
(4) 70 CRI, 2700K, 900mA LIGHTSQUARES WITH 26 LEDS EACH AND SPILL LIGHT  
ELIMINATOR RIGHT OPTICS  
Light Source: -  
Ballast/Driver: -

### Summary

Lumens per Lamp: N/A  
Luminaire Lumens: 37692 lumens  
Efficiency: N/A  
Efficacy: 128.4 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

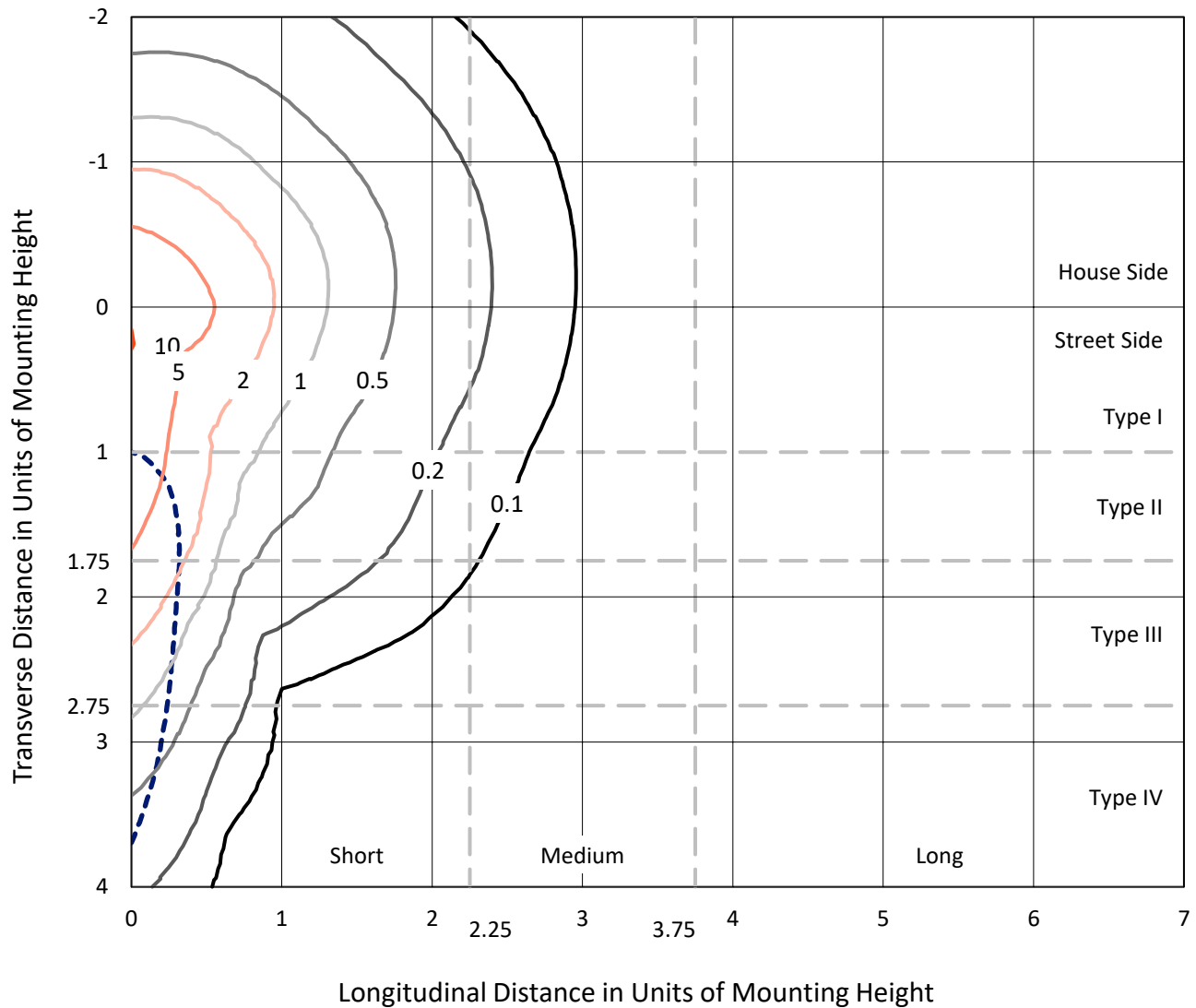


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## Iso-Footcandle Lines of Horizontal Illumination

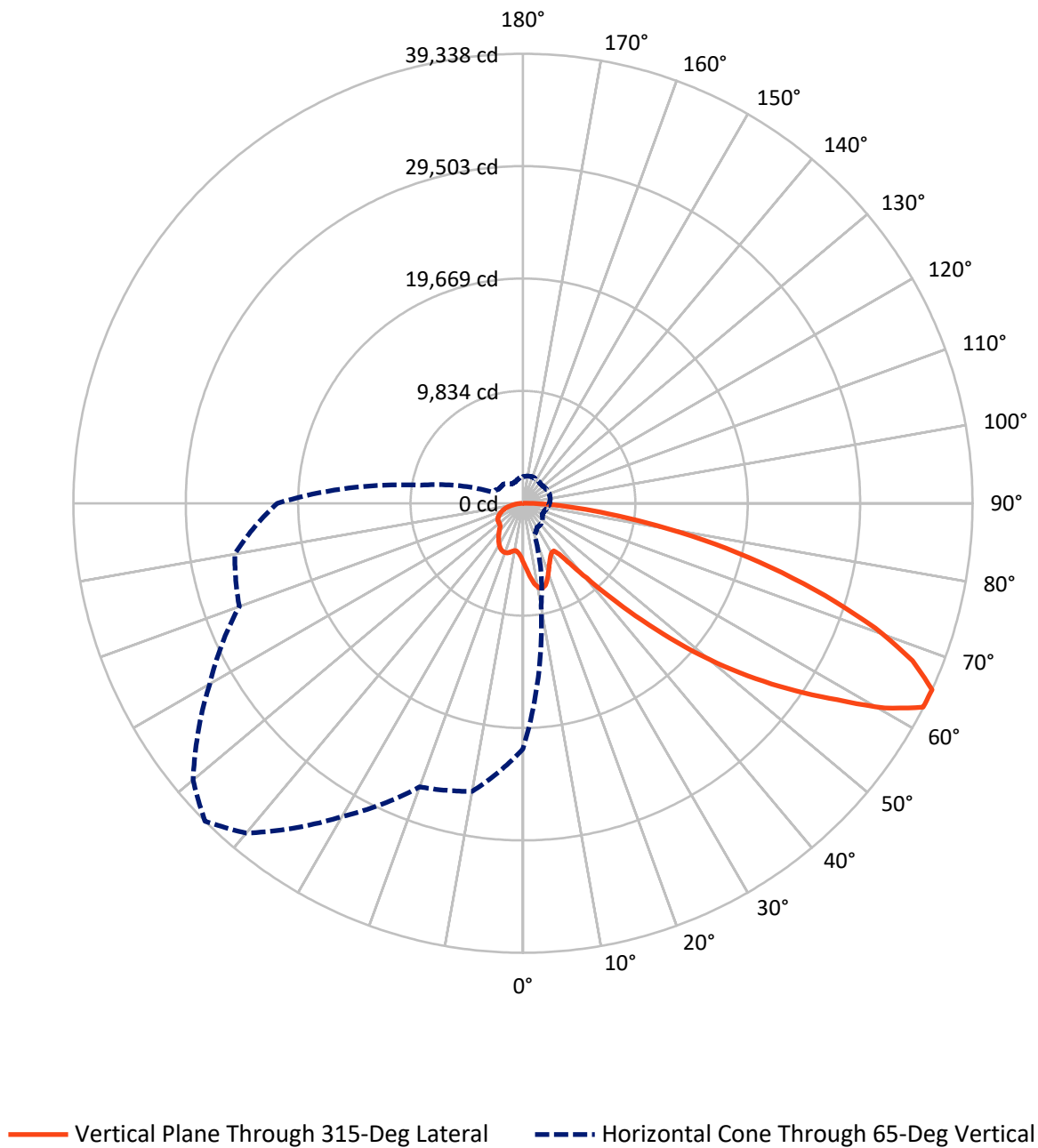
× Max cd  
--- 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 10.2 fc  
Type IV - Short - N/A

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## Luminous Intensity Polar Plot



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CATALOG NUMBER: GLAN-SB4D-727-U-SLR

**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total   |
|--------------------|-----------|----------|--------|---------|
| <b>House Side</b>  | Lumens    | 9579.4   | 0.0    | 9579.4  |
|                    | % Fixture | 25.4     | 0.0    | 25.4    |
| <b>Street Side</b> | Lumens    | 28112.6  | 0.0    | 28112.6 |
|                    | % Fixture | 74.6     | 0.0    | 74.6    |
| <b>Total</b>       | Lumens    | 37692.0  | 0.0    | 37692.0 |
|                    | % Fixture | 100.0    | 0.0    | 100.0   |

**ZONAL LUMENS:**

| Zone      | Lumens  | % Fixture |
|-----------|---------|-----------|
| 0°-10°    | 514.1   | 1.4       |
| 10°-20°   | 1614.0  | 4.3       |
| 20°-30°   | 2493.1  | 6.6       |
| 30°-40°   | 3159.4  | 8.4       |
| 40°-50°   | 4765.1  | 12.6      |
| 50°-60°   | 7698.8  | 20.4      |
| 60°-70°   | 9597.8  | 25.5      |
| 70°-80°   | 6293.7  | 16.7      |
| 80°-90°   | 1556.0  | 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°    | 37692.0 | 100.0     |
| 0°-180°   | 37692.0 | 100.0     |

**Coefficient of Utilization**



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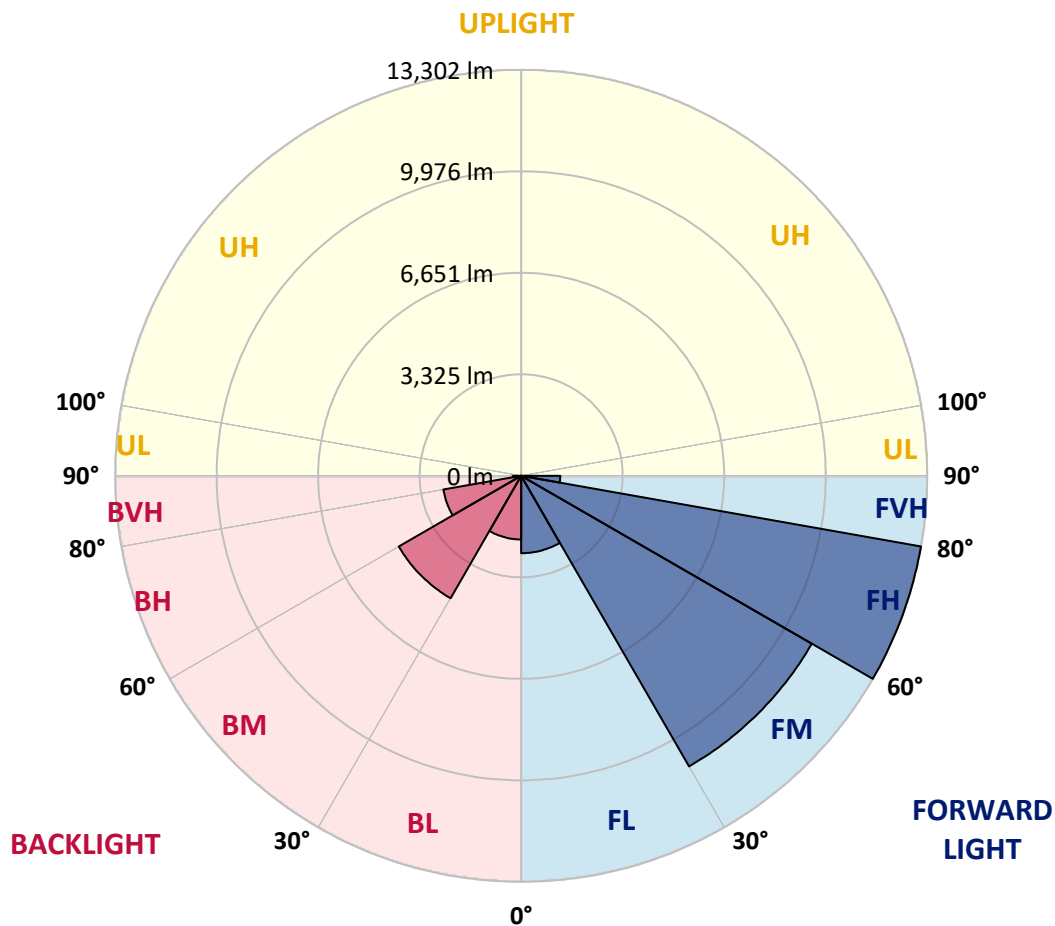
CATALOG NUMBER: GLAN-SB4D-727-U-SLR

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

| Zone |             | Lumens  | % Fixture | Zone Rating/Lumen Limit |      |         |
|------|-------------|---------|-----------|-------------------------|------|---------|
|      |             |         |           | B                       | U    | G       |
| FL   | (0°-30°)    | 2535.2  | 6.7       |                         |      |         |
| FM   | (30°-60°)   | 10993.9 | 29.2      |                         |      |         |
| FH   | (60°-80°)   | 13301.7 | 35.3      |                         |      | G5      |
| FVH  | (80°-90°)   | 1281.8  | 3.4       |                         |      | G5      |
| BL   | (0°-30°)    | 2086.0  | 5.5       | B3/2500                 |      |         |
| BM   | (30°-60°)   | 4629.4  | 12.3      | B3/5000                 |      |         |
| BH   | (60°-80°)   | 2589.8  | 6.9       | B4/5000                 |      | G4/5000 |
| BVH  | (80°-90°)   | 274.2   | 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°    | 5183.0  | 5183.0  | 5183.0  | 5183.0 | 5183.0 | 5183.0 | 5183.0 | 5183.0 | 5183.0 | 5183.0 |
| 2.5°  | 5573.8  | 5531.0  | 5488.3  | 5442.7 | 5397.4 | 5351.6 | 5305.9 | 5262.1 | 5218.4 | 5176.0 |
| 5°    | 5993.4  | 5899.0  | 5804.5  | 5710.2 | 5616.1 | 5521.3 | 5426.6 | 5338.1 | 5249.6 | 5166.1 |
| 7.5°  | 6415.1  | 6259.1  | 6103.4  | 5959.4 | 5815.4 | 5675.2 | 5535.0 | 5411.5 | 5288.0 | 5174.0 |
| 10°   | 6738.3  | 6541.2  | 6344.1  | 6153.7 | 5963.6 | 5793.4 | 5622.9 | 5476.9 | 5330.5 | 5189.9 |
| 12.5° | 6936.2  | 6719.6  | 6503.2  | 6287.6 | 6072.0 | 5871.1 | 5670.2 | 5505.0 | 5339.7 | 5191.9 |
| 15°   | 7056.5  | 6830.7  | 6605.0  | 6371.1 | 6137.2 | 5905.9 | 5674.6 | 5483.3 | 5292.0 | 5128.3 |
| 17.5° | 7124.1  | 6895.2  | 6666.3  | 6411.1 | 6155.9 | 5887.4 | 5618.9 | 5388.8 | 5158.7 | 4966.2 |
| 20°   | 7198.7  | 6960.8  | 6722.8  | 6442.3 | 6161.9 | 5836.5 | 5511.1 | 5225.9 | 4940.7 | 4716.6 |
| 22.5° | 7285.2  | 7042.2  | 6798.9  | 6484.5 | 6169.8 | 5774.1 | 5378.3 | 5034.8 | 4691.3 | 4436.2 |
| 25°   | 7396.6  | 7158.3  | 6920.2  | 6560.9 | 6201.3 | 5712.4 | 5223.7 | 4821.4 | 4419.3 | 4157.7 |
| 27.5° | 7547.7  | 7320.6  | 7093.3  | 6680.2 | 6266.9 | 5671.2 | 5075.6 | 4626.3 | 4177.0 | 3938.9 |
| 30°   | 7751.6  | 7532.0  | 7312.6  | 6834.7 | 6356.8 | 5651.9 | 4946.7 | 4463.2 | 3979.7 | 3779.8 |
| 32.5° | 7992.2  | 7774.9  | 7557.7  | 6996.0 | 6434.4 | 5628.1 | 4821.4 | 4322.6 | 3823.6 | 3662.5 |
| 35°   | 8284.6  | 8076.6  | 7868.3  | 7179.8 | 6491.2 | 5583.1 | 4675.4 | 4184.4 | 3693.3 | 3559.1 |
| 37.5° | 8776.8  | 8511.5  | 8246.2  | 7385.6 | 6525.1 | 5506.2 | 4487.3 | 4021.7 | 3556.1 | 3438.7 |
| 40°   | 9520.7  | 9134.0  | 8747.4  | 7647.0 | 6546.3 | 5400.2 | 4254.2 | 3827.6 | 3401.0 | 3294.6 |
| 42.5° | 10507.2 | 9949.1  | 9391.0  | 7988.9 | 6586.7 | 5290.8 | 3995.2 | 3613.4 | 3231.5 | 3133.5 |
| 45°   | 11725.3 | 10972.6 | 10219.8 | 8438.7 | 6657.7 | 5189.1 | 3720.8 | 3385.8 | 3050.9 | 2951.5 |
| 47.5° | 13248.8 | 12189.3 | 11129.7 | 8918.1 | 6706.4 | 5105.2 | 3504.0 | 3205.8 | 2907.7 | 2779.4 |
| 50°   | 15245.6 | 13648.4 | 12050.9 | 9362.8 | 6674.6 | 5013.7 | 3352.8 | 3086.3 | 2819.8 | 2651.2 |
| 52.5° | 17537.8 | 15181.0 | 12824.2 | 9651.5 | 6478.7 | 4859.2 | 3239.9 | 3007.6 | 2775.5 | 2581.5 |
| 55°   | 19978.1 | 16539.8 | 13101.6 | 9587.9 | 6074.0 | 4603.0 | 3132.1 | 2950.5 | 2768.9 | 2588.5 |
| 57.5° | 22197.7 | 17502.8 | 12807.9 | 9140.0 | 5472.4 | 4241.8 | 3011.1 | 2882.9 | 2754.6 | 2595.5 |
| 60°   | 23539.2 | 17743.4 | 11947.5 | 8306.5 | 4665.5 | 3772.9 | 2880.3 | 2779.4 | 2678.6 | 2573.6 |
| 62.5° | 22858.0 | 16730.1 | 10602.2 | 7179.4 | 3756.6 | 3211.6 | 2666.7 | 2599.6 | 2532.8 | 2519.9 |
| 65°   | 21494.6 | 15296.3 | 9098.0  | 6029.4 | 2961.0 | 2706.6 | 2452.3 | 2420.6 | 2389.0 | 2390.6 |
| 67.5° | 19667.9 | 13590.1 | 7512.3  | 4902.9 | 2293.6 | 2221.4 | 2149.0 | 2166.7 | 2184.2 | 2179.8 |
| 70°   | 17473.1 | 11728.3 | 5983.5  | 3860.4 | 1737.3 | 1758.0 | 1778.4 | 1860.4 | 1942.1 | 1942.1 |
| 72.5° | 14857.8 | 9710.0  | 4562.4  | 2951.3 | 1340.1 | 1402.3 | 1464.8 | 1580.9 | 1696.9 | 1716.4 |
| 75°   | 11549.3 | 7396.4  | 3243.4  | 2142.0 | 1040.6 | 1097.1 | 1153.5 | 1283.6 | 1413.7 | 1503.6 |
| 77.5° | 8251.8  | 5176.8  | 2101.8  | 1451.5 | 801.1  | 839.5  | 878.1  | 1004.4 | 1130.7 | 1278.8 |
| 80°   | 5400.8  | 3335.3  | 1269.9  | 935.2  | 600.6  | 616.5  | 632.5  | 739.5  | 846.3  | 1023.3 |
| 82.5° | 3139.4  | 1930.4  | 721.6   | 575.2  | 429.2  | 432.0  | 435.2  | 513.9  | 592.7  | 743.8  |
| 85°   | 1381.3  | 868.3   | 355.6   | 307.5  | 259.5  | 258.2  | 256.6  | 314.2  | 371.9  | 484.3  |
| 87.5° | 427.6   | 284.4   | 141.2   | 127.5  | 113.8  | 112.4  | 111.0  | 134.4  | 158.1  | 204.9  |
| 90°   | 0.0     | 0.0     | 0.0     | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |

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**CANDELA DISTRIBUTION (continued):**

| 50°    |       | 55°    | 60°    | 65°    | 70°    | 75°    | 80°    | 85°    | 90°    | 95°    | 100°   |
|--------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 5183.0 | 0°    | 5183.0 | 5183.0 | 5183.0 | 5183.0 | 5183.0 | 5183.0 | 5183.0 | 5183.0 | 5183.0 | 5183.0 |
| 5128.9 | 2.5°  | 5090.7 | 5052.7 | 5018.3 | 4984.1 | 4954.1 | 4924.0 | 4893.8 | 4863.8 | 4840.5 | 4817.0 |
| 5083.5 | 5°    | 5011.5 | 4939.3 | 4878.9 | 4818.6 | 4765.3 | 4712.0 | 4663.7 | 4615.2 | 4578.0 | 4540.6 |
| 5067.2 | 7.5°  | 4971.4 | 4875.7 | 4796.1 | 4716.6 | 4649.6 | 4582.3 | 4523.1 | 4464.0 | 4419.6 | 4375.5 |
| 5075.2 | 10°   | 4974.1 | 4873.1 | 4793.6 | 4714.0 | 4641.8 | 4569.4 | 4502.8 | 4436.2 | 4383.3 | 4330.2 |
| 5085.1 | 12.5° | 5002.4 | 4920.0 | 4867.1 | 4814.6 | 4757.8 | 4701.3 | 4632.3 | 4563.4 | 4495.8 | 4428.2 |
| 5042.8 | 15°   | 5003.2 | 4963.8 | 4971.0 | 4978.1 | 4963.4 | 4948.7 | 4888.8 | 4829.0 | 4732.7 | 4636.4 |
| 4913.5 | 17.5° | 4928.0 | 4942.3 | 5029.0 | 5115.8 | 5161.9 | 5207.8 | 5159.5 | 5111.4 | 4983.9 | 4856.4 |
| 4702.7 | 20°   | 4770.3 | 4837.9 | 4988.5 | 5139.2 | 5235.7 | 5332.1 | 5309.9 | 5287.4 | 5141.6 | 4996.0 |
| 4463.4 | 22.5° | 4563.4 | 4663.5 | 4835.3 | 5007.6 | 5133.1 | 5258.6 | 5272.1 | 5285.4 | 5146.2 | 5007.0 |
| 4231.3 | 25°   | 4346.7 | 4462.0 | 4616.5 | 4771.3 | 4894.8 | 5018.3 | 5064.4 | 5110.4 | 4996.2 | 4882.3 |
| 4028.4 | 27.5° | 4139.8 | 4251.2 | 4378.3 | 4505.2 | 4604.2 | 4703.3 | 4754.6 | 4806.1 | 4724.7 | 4643.6 |
| 3850.0 | 30°   | 3938.3 | 4027.0 | 4132.5 | 4237.9 | 4320.0 | 4402.3 | 4444.1 | 4485.9 | 4424.0 | 4362.0 |
| 3693.7 | 32.5° | 3746.0 | 3798.3 | 3882.5 | 3966.8 | 4045.5 | 4124.5 | 4170.8 | 4217.4 | 4160.5 | 4103.4 |
| 3546.1 | 35°   | 3560.5 | 3575.0 | 3639.2 | 3703.3 | 3781.2 | 3859.4 | 3915.1 | 3970.8 | 3930.2 | 3889.8 |
| 3391.4 | 37.5° | 3375.5 | 3359.6 | 3405.7 | 3451.7 | 3529.4 | 3607.4 | 3676.2 | 3745.0 | 3726.3 | 3707.6 |
| 3222.0 | 40°   | 3186.0 | 3150.0 | 3183.2 | 3216.4 | 3291.6 | 3366.7 | 3445.9 | 3525.3 | 3529.8 | 3534.2 |
| 3042.0 | 42.5° | 2994.2 | 2946.5 | 2973.5 | 3000.8 | 3072.0 | 3143.4 | 3228.9 | 3314.4 | 3337.3 | 3360.2 |
| 2863.0 | 45°   | 2816.4 | 2770.1 | 2792.8 | 2815.8 | 2883.5 | 2951.1 | 3039.8 | 3128.5 | 3161.3 | 3194.1 |
| 2703.3 | 47.5° | 2664.3 | 2625.3 | 2646.8 | 2668.1 | 2734.3 | 2800.3 | 2887.8 | 2975.3 | 3013.1 | 3050.9 |
| 2562.6 | 50°   | 2528.0 | 2493.6 | 2527.0 | 2560.7 | 2623.1 | 2685.4 | 2763.7 | 2842.1 | 2890.6 | 2939.1 |
| 2457.8 | 52.5° | 2423.6 | 2389.6 | 2439.9 | 2490.1 | 2547.3 | 2604.4 | 2677.4 | 2750.6 | 2808.1 | 2865.6 |
| 2402.1 | 55°   | 2348.1 | 2294.2 | 2365.6 | 2436.8 | 2498.4 | 2560.1 | 2624.1 | 2687.9 | 2748.8 | 2809.9 |
| 2368.7 | 57.5° | 2290.0 | 2211.2 | 2288.0 | 2364.8 | 2437.2 | 2509.5 | 2572.8 | 2636.2 | 2697.7 | 2758.9 |
| 2337.3 | 60°   | 2235.3 | 2133.1 | 2200.5 | 2267.7 | 2350.8 | 2434.0 | 2498.2 | 2562.6 | 2624.3 | 2686.0 |
| 2300.7 | 62.5° | 2173.0 | 2045.5 | 2088.3 | 2131.1 | 2227.9 | 2325.0 | 2393.6 | 2462.2 | 2518.7 | 2575.2 |
| 2223.5 | 65°   | 2087.9 | 1952.1 | 1968.6 | 1984.9 | 2088.7 | 2192.7 | 2258.4 | 2324.0 | 2373.7 | 2423.4 |
| 2085.9 | 67.5° | 1973.0 | 1860.0 | 1854.8 | 1849.6 | 1945.5 | 2041.6 | 2103.8 | 2165.9 | 2208.8 | 2251.8 |
| 1911.3 | 70°   | 1830.9 | 1750.6 | 1732.7 | 1714.8 | 1799.1 | 1883.5 | 1937.2 | 1990.9 | 2029.6 | 2068.4 |
| 1716.8 | 72.5° | 1661.7 | 1606.6 | 1580.3 | 1554.3 | 1620.7 | 1687.0 | 1735.5 | 1784.0 | 1822.0 | 1860.0 |
| 1496.0 | 75°   | 1453.7 | 1411.1 | 1386.0 | 1360.8 | 1410.1 | 1459.4 | 1503.4 | 1547.3 | 1581.9 | 1616.5 |
| 1274.9 | 77.5° | 1240.9 | 1206.8 | 1181.4 | 1155.9 | 1196.1 | 1236.1 | 1273.9 | 1311.7 | 1348.1 | 1384.2 |
| 1022.7 | 80°   | 994.2  | 965.6  | 944.3  | 922.8  | 956.2  | 989.5  | 1021.3 | 1053.1 | 1080.7 | 1108.2 |
| 752.2  | 82.5° | 738.3  | 724.3  | 709.2  | 694.1  | 691.3  | 688.5  | 677.4  | 666.3  | 725.1  | 784.0  |
| 495.2  | 85°   | 480.3  | 465.4  | 448.5  | 431.6  | 417.3  | 402.7  | 371.9  | 341.1  | 396.2  | 451.5  |
| 218.8  | 87.5° | 212.8  | 206.8  | 203.7  | 200.5  | 199.9  | 199.3  | 175.8  | 152.1  | 175.2  | 198.5  |
| 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):**

| 105°   |       | 110°   | 115°   | 120°   | 125°   | 130°   | 135°   | 140°   | 145°   | 150°   | 155°   |
|--------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 5183.0 | 0°    | 5183.0 | 5183.0 | 5183.0 | 5183.0 | 5183.0 | 5183.0 | 5183.0 | 5183.0 | 5183.0 | 5183.0 |
| 4798.1 | 2.5°  | 4779.2 | 4764.5 | 4749.8 | 4736.3 | 4722.6 | 4705.6 | 4722.6 | 4736.3 | 4749.8 | 4764.5 |
| 4514.5 | 5°    | 4488.5 | 4470.0 | 4451.5 | 4437.4 | 4423.2 | 4409.3 | 4423.2 | 4437.4 | 4451.5 | 4470.0 |
| 4344.5 | 7.5°  | 4313.4 | 4292.2 | 4271.1 | 4258.4 | 4245.8 | 4236.3 | 4245.8 | 4258.4 | 4271.1 | 4292.2 |
| 4295.5 | 10°   | 4260.5 | 4240.5 | 4220.4 | 4209.6 | 4198.9 | 4194.5 | 4198.9 | 4209.6 | 4220.4 | 4240.5 |
| 4383.5 | 12.5° | 4338.7 | 4316.2 | 4294.0 | 4284.8 | 4275.7 | 4274.1 | 4275.7 | 4284.8 | 4294.0 | 4316.2 |
| 4568.4 | 15°   | 4500.4 | 4469.2 | 4438.1 | 4426.2 | 4414.3 | 4413.3 | 4414.3 | 4426.2 | 4438.1 | 4469.2 |
| 4756.2 | 17.5° | 4655.9 | 4609.8 | 4563.4 | 4548.3 | 4533.0 | 4530.6 | 4533.0 | 4548.3 | 4563.4 | 4609.8 |
| 4873.1 | 20°   | 4750.4 | 4691.3 | 4632.1 | 4613.2 | 4594.3 | 4588.3 | 4594.3 | 4613.2 | 4632.1 | 4691.3 |
| 4880.5 | 22.5° | 4753.8 | 4691.5 | 4629.1 | 4608.2 | 4587.3 | 4578.4 | 4587.3 | 4608.2 | 4629.1 | 4691.5 |
| 4769.7 | 25°   | 4657.5 | 4603.4 | 4549.5 | 4529.8 | 4510.3 | 4498.8 | 4510.3 | 4529.8 | 4549.5 | 4603.4 |
| 4556.3 | 27.5° | 4469.0 | 4432.8 | 4396.4 | 4387.4 | 4378.5 | 4375.5 | 4378.5 | 4387.4 | 4396.4 | 4432.8 |
| 4299.5 | 30°   | 4236.7 | 4218.2 | 4199.5 | 4199.5 | 4199.5 | 4202.5 | 4199.5 | 4199.5 | 4199.5 | 4218.2 |
| 4053.5 | 32.5° | 4003.6 | 3991.4 | 3979.3 | 3980.9 | 3982.7 | 3985.7 | 3982.7 | 3980.9 | 3979.3 | 3991.4 |
| 3843.7 | 35°   | 3797.7 | 3779.2 | 3760.9 | 3757.0 | 3753.0 | 3751.0 | 3753.0 | 3757.0 | 3760.9 | 3779.2 |
| 3665.3 | 37.5° | 3622.7 | 3589.1 | 3555.7 | 3538.0 | 3520.3 | 3510.3 | 3520.3 | 3538.0 | 3555.7 | 3589.1 |
| 3498.2 | 40°   | 3462.2 | 3413.3 | 3364.8 | 3331.7 | 3299.1 | 3279.6 | 3299.1 | 3331.7 | 3364.8 | 3413.3 |
| 3329.8 | 42.5° | 3299.5 | 3238.9 | 3178.2 | 3130.3 | 3082.3 | 3050.9 | 3082.3 | 3130.3 | 3178.2 | 3238.9 |
| 3166.7 | 45°   | 3139.4 | 3070.0 | 3000.8 | 2944.5 | 2888.2 | 2852.0 | 2888.2 | 2944.5 | 3000.8 | 3070.0 |
| 3031.8 | 47.5° | 3012.7 | 2951.1 | 2889.4 | 2837.3 | 2785.4 | 2750.6 | 2785.4 | 2837.3 | 2889.4 | 2951.1 |
| 2937.9 | 50°   | 2937.2 | 2887.8 | 2838.5 | 2790.4 | 2742.2 | 2708.8 | 2742.2 | 2790.4 | 2838.5 | 2887.8 |
| 2875.9 | 52.5° | 2886.2 | 2846.1 | 2805.9 | 2762.7 | 2719.8 | 2688.9 | 2719.8 | 2762.7 | 2805.9 | 2846.1 |
| 2824.2 | 55°   | 2838.5 | 2803.5 | 2768.5 | 2730.7 | 2692.9 | 2665.1 | 2692.9 | 2730.7 | 2768.5 | 2803.5 |
| 2773.5 | 57.5° | 2788.0 | 2752.6 | 2717.2 | 2679.8 | 2642.2 | 2613.4 | 2642.2 | 2679.8 | 2717.2 | 2752.6 |
| 2701.9 | 60°   | 2717.8 | 2683.2 | 2648.8 | 2610.2 | 2571.6 | 2541.8 | 2571.6 | 2610.2 | 2648.8 | 2683.2 |
| 2590.5 | 62.5° | 2605.8 | 2574.6 | 2543.4 | 2502.8 | 2462.2 | 2426.4 | 2462.2 | 2502.8 | 2543.4 | 2574.6 |
| 2439.1 | 65°   | 2454.7 | 2424.6 | 2394.6 | 2355.2 | 2316.0 | 2285.2 | 2316.0 | 2355.2 | 2394.6 | 2424.6 |
| 2267.1 | 67.5° | 2282.2 | 2254.6 | 2227.1 | 2190.5 | 2153.9 | 2126.1 | 2153.9 | 2190.5 | 2227.1 | 2254.6 |
| 2083.1 | 70°   | 2097.9 | 2075.4 | 2052.9 | 2017.9 | 1982.9 | 1951.1 | 1982.9 | 2017.9 | 2052.9 | 2075.4 |
| 1877.5 | 72.5° | 1895.0 | 1876.3 | 1857.6 | 1824.2 | 1791.0 | 1760.1 | 1791.0 | 1824.2 | 1857.6 | 1876.3 |
| 1634.8 | 75°   | 1653.1 | 1644.0 | 1634.8 | 1606.8 | 1578.8 | 1549.3 | 1578.8 | 1606.8 | 1634.8 | 1644.0 |
| 1401.4 | 77.5° | 1418.5 | 1405.7 | 1392.6 | 1364.4 | 1336.1 | 1312.6 | 1336.1 | 1364.4 | 1392.6 | 1405.7 |
| 1130.9 | 80°   | 1153.5 | 1148.0 | 1142.6 | 1104.6 | 1066.4 | 1022.3 | 1066.4 | 1104.6 | 1142.6 | 1148.0 |
| 822.6  | 82.5° | 861.2  | 858.8  | 856.2  | 824.2  | 792.0  | 763.7  | 792.0  | 824.2  | 856.2  | 858.8  |
| 499.2  | 85°   | 546.9  | 543.0  | 539.0  | 513.9  | 488.9  | 463.4  | 488.9  | 513.9  | 539.0  | 543.0  |
| 217.8  | 87.5° | 237.1  | 232.3  | 227.1  | 214.4  | 201.3  | 188.9  | 201.3  | 214.4  | 227.1  | 232.3  |
| 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):**

| 160°   |       | 165°   | 170°   | 175°   | 180°   | 185°   | 190°   | 195°   | 200°   | 205°   | 210°   |
|--------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 5183.0 | 0°    | 5183.0 | 5183.0 | 5183.0 | 5183.0 | 5183.0 | 5183.0 | 5183.0 | 5183.0 | 5183.0 | 5183.0 |
| 4779.2 | 2.5°  | 4798.1 | 4817.0 | 4840.5 | 4863.8 | 4893.8 | 4924.0 | 4954.1 | 4984.1 | 5018.3 | 5052.7 |
| 4488.5 | 5°    | 4514.5 | 4540.6 | 4578.0 | 4615.2 | 4663.7 | 4712.0 | 4765.3 | 4818.6 | 4878.9 | 4939.3 |
| 4313.4 | 7.5°  | 4344.5 | 4375.5 | 4419.6 | 4464.0 | 4523.1 | 4582.3 | 4649.6 | 4716.6 | 4796.1 | 4875.7 |
| 4260.5 | 10°   | 4295.5 | 4330.2 | 4383.3 | 4436.2 | 4502.8 | 4569.4 | 4641.8 | 4714.0 | 4793.6 | 4873.1 |
| 4338.7 | 12.5° | 4383.5 | 4428.2 | 4495.8 | 4563.4 | 4632.3 | 4701.3 | 4757.8 | 4814.6 | 4867.1 | 4920.0 |
| 4500.4 | 15°   | 4568.4 | 4636.4 | 4732.7 | 4829.0 | 4888.8 | 4948.7 | 4963.4 | 4978.1 | 4971.0 | 4963.8 |
| 4655.9 | 17.5° | 4756.2 | 4856.4 | 4983.9 | 5111.4 | 5159.5 | 5207.8 | 5161.9 | 5115.8 | 5029.0 | 4942.3 |
| 4750.4 | 20°   | 4873.1 | 4996.0 | 5141.6 | 5287.4 | 5309.9 | 5332.1 | 5235.7 | 5139.2 | 4988.5 | 4837.9 |
| 4753.8 | 22.5° | 4880.5 | 5007.0 | 5146.2 | 5285.4 | 5272.1 | 5258.6 | 5133.1 | 5007.6 | 4835.3 | 4663.5 |
| 4657.5 | 25°   | 4769.7 | 4882.3 | 4996.2 | 5110.4 | 5064.4 | 5018.3 | 4894.8 | 4771.3 | 4616.5 | 4462.0 |
| 4469.0 | 27.5° | 4556.3 | 4643.6 | 4724.7 | 4806.1 | 4754.6 | 4703.3 | 4604.2 | 4505.2 | 4378.3 | 4251.2 |
| 4236.7 | 30°   | 4299.5 | 4362.0 | 4424.0 | 4485.9 | 4444.1 | 4402.3 | 4320.0 | 4237.9 | 4132.5 | 4027.0 |
| 4003.6 | 32.5° | 4053.5 | 4103.4 | 4160.5 | 4217.4 | 4170.8 | 4124.5 | 4045.5 | 3966.8 | 3882.5 | 3798.3 |
| 3797.7 | 35°   | 3843.7 | 3889.8 | 3930.2 | 3970.8 | 3915.1 | 3859.4 | 3781.2 | 3703.3 | 3639.2 | 3575.0 |
| 3622.7 | 37.5° | 3665.3 | 3707.6 | 3726.3 | 3745.0 | 3676.2 | 3607.4 | 3529.4 | 3451.7 | 3405.7 | 3359.6 |
| 3462.2 | 40°   | 3498.2 | 3534.2 | 3529.8 | 3525.3 | 3445.9 | 3366.7 | 3291.6 | 3216.4 | 3183.2 | 3150.0 |
| 3299.5 | 42.5° | 3329.8 | 3360.2 | 3337.3 | 3314.4 | 3228.9 | 3143.4 | 3072.0 | 3000.8 | 2973.5 | 2946.5 |
| 3139.4 | 45°   | 3166.7 | 3194.1 | 3161.3 | 3128.5 | 3039.8 | 2951.1 | 2883.5 | 2815.8 | 2792.8 | 2770.1 |
| 3012.7 | 47.5° | 3031.8 | 3050.9 | 3013.1 | 2975.3 | 2887.8 | 2800.3 | 2734.3 | 2668.1 | 2646.8 | 2625.3 |
| 2937.2 | 50°   | 2937.9 | 2939.1 | 2890.6 | 2842.1 | 2763.7 | 2685.4 | 2623.1 | 2560.7 | 2527.0 | 2493.6 |
| 2886.2 | 52.5° | 2875.9 | 2865.6 | 2808.1 | 2750.6 | 2677.4 | 2604.4 | 2547.3 | 2490.1 | 2439.9 | 2389.6 |
| 2838.5 | 55°   | 2824.2 | 2809.9 | 2748.8 | 2687.9 | 2624.1 | 2560.1 | 2498.4 | 2436.8 | 2365.6 | 2294.2 |
| 2788.0 | 57.5° | 2773.5 | 2758.9 | 2697.7 | 2636.2 | 2572.8 | 2509.5 | 2437.2 | 2364.8 | 2288.0 | 2211.2 |
| 2717.8 | 60°   | 2701.9 | 2686.0 | 2624.3 | 2562.6 | 2498.2 | 2434.0 | 2350.8 | 2267.7 | 2200.5 | 2133.1 |
| 2605.8 | 62.5° | 2590.5 | 2575.2 | 2518.7 | 2462.2 | 2393.6 | 2325.0 | 2227.9 | 2131.1 | 2088.3 | 2045.5 |
| 2454.7 | 65°   | 2439.1 | 2423.4 | 2373.7 | 2324.0 | 2258.4 | 2192.7 | 2088.7 | 1984.9 | 1968.6 | 1952.1 |
| 2282.2 | 67.5° | 2267.1 | 2251.8 | 2208.8 | 2165.9 | 2103.8 | 2041.6 | 1945.5 | 1849.6 | 1854.8 | 1860.0 |
| 2097.9 | 70°   | 2083.1 | 2068.4 | 2029.6 | 1990.9 | 1937.2 | 1883.5 | 1799.1 | 1714.8 | 1732.7 | 1750.6 |
| 1895.0 | 72.5° | 1877.5 | 1860.0 | 1822.0 | 1784.0 | 1735.5 | 1687.0 | 1620.7 | 1554.3 | 1580.3 | 1606.6 |
| 1653.1 | 75°   | 1634.8 | 1616.5 | 1581.9 | 1547.3 | 1503.4 | 1459.4 | 1410.1 | 1360.8 | 1386.0 | 1411.1 |
| 1418.5 | 77.5° | 1401.4 | 1384.2 | 1348.1 | 1311.7 | 1273.9 | 1236.1 | 1196.1 | 1155.9 | 1181.4 | 1206.8 |
| 1153.5 | 80°   | 1130.9 | 1108.2 | 1080.7 | 1053.1 | 1021.3 | 989.5  | 956.2  | 922.8  | 944.3  | 965.6  |
| 861.2  | 82.5° | 822.6  | 784.0  | 725.1  | 666.3  | 677.4  | 688.5  | 691.3  | 694.1  | 709.2  | 724.3  |
| 546.9  | 85°   | 499.2  | 451.5  | 396.2  | 341.1  | 371.9  | 402.7  | 417.3  | 431.6  | 448.5  | 465.4  |
| 237.1  | 87.5° | 217.8  | 198.5  | 175.2  | 152.1  | 175.8  | 199.3  | 199.9  | 200.5  | 203.7  | 206.8  |
| 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):**

| 215°   |       | 220°   | 225°   | 230°   | 235°   | 240°   | 245°   | 250°   | 255°   | 260°    | 265°    |
|--------|-------|--------|--------|--------|--------|--------|--------|--------|--------|---------|---------|
| 5183.0 | 0°    | 5183.0 | 5183.0 | 5183.0 | 5183.0 | 5183.0 | 5183.0 | 5183.0 | 5183.0 | 5183.0  | 5183.0  |
| 5090.7 | 2.5°  | 5128.9 | 5176.0 | 5218.4 | 5262.1 | 5305.9 | 5351.6 | 5397.4 | 5442.7 | 5488.3  | 5531.0  |
| 5011.5 | 5°    | 5083.5 | 5166.1 | 5249.6 | 5338.1 | 5426.6 | 5521.3 | 5616.1 | 5710.2 | 5804.5  | 5899.0  |
| 4971.4 | 7.5°  | 5067.2 | 5174.0 | 5288.0 | 5411.5 | 5535.0 | 5675.2 | 5815.4 | 5959.4 | 6103.4  | 6259.1  |
| 4974.1 | 10°   | 5075.2 | 5189.9 | 5330.5 | 5476.9 | 5622.9 | 5793.4 | 5963.6 | 6153.7 | 6344.1  | 6541.2  |
| 5002.4 | 12.5° | 5085.1 | 5191.9 | 5339.7 | 5505.0 | 5670.2 | 5871.1 | 6072.0 | 6287.6 | 6503.2  | 6719.6  |
| 5003.2 | 15°   | 5042.8 | 5128.3 | 5292.0 | 5483.3 | 5674.6 | 5905.9 | 6137.2 | 6371.1 | 6605.0  | 6830.7  |
| 4928.0 | 17.5° | 4913.5 | 4966.2 | 5158.7 | 5388.8 | 5618.9 | 5887.4 | 6155.9 | 6411.1 | 6666.3  | 6895.2  |
| 4770.3 | 20°   | 4702.7 | 4716.6 | 4940.7 | 5225.9 | 5511.1 | 5836.5 | 6161.9 | 6442.3 | 6722.8  | 6960.8  |
| 4563.4 | 22.5° | 4463.4 | 4436.2 | 4691.3 | 5034.8 | 5378.3 | 5774.1 | 6169.8 | 6484.5 | 6798.9  | 7042.2  |
| 4346.7 | 25°   | 4231.3 | 4157.7 | 4419.3 | 4821.4 | 5223.7 | 5712.4 | 6201.3 | 6560.9 | 6920.2  | 7158.3  |
| 4139.8 | 27.5° | 4028.4 | 3938.9 | 4177.0 | 4626.3 | 5075.6 | 5671.2 | 6266.9 | 6680.2 | 7093.3  | 7320.6  |
| 3938.3 | 30°   | 3850.0 | 3779.8 | 3979.7 | 4463.2 | 4946.7 | 5651.9 | 6356.8 | 6834.7 | 7312.6  | 7532.0  |
| 3746.0 | 32.5° | 3693.7 | 3662.5 | 3823.6 | 4322.6 | 4821.4 | 5628.1 | 6434.4 | 6996.0 | 7557.7  | 7774.9  |
| 3560.5 | 35°   | 3546.1 | 3559.1 | 3693.3 | 4184.4 | 4675.4 | 5583.1 | 6491.2 | 7179.8 | 7868.3  | 8076.6  |
| 3375.5 | 37.5° | 3391.4 | 3438.7 | 3556.1 | 4021.7 | 4487.3 | 5506.2 | 6525.1 | 7385.6 | 8246.2  | 8511.5  |
| 3186.0 | 40°   | 3222.0 | 3294.6 | 3401.0 | 3827.6 | 4254.2 | 5400.2 | 6546.3 | 7647.0 | 8747.4  | 9134.0  |
| 2994.2 | 42.5° | 3042.0 | 3133.5 | 3231.5 | 3613.4 | 3995.2 | 5290.8 | 6586.7 | 7988.9 | 9391.0  | 9949.1  |
| 2816.4 | 45°   | 2863.0 | 2951.5 | 3050.9 | 3385.8 | 3720.8 | 5189.1 | 6657.7 | 8438.7 | 10219.8 | 10972.6 |
| 2664.3 | 47.5° | 2703.3 | 2779.4 | 2907.7 | 3205.8 | 3504.0 | 5105.2 | 6706.4 | 8918.1 | 11129.7 | 12189.3 |
| 2528.0 | 50°   | 2562.6 | 2651.2 | 2819.8 | 3086.3 | 3352.8 | 5013.7 | 6674.6 | 9362.8 | 12050.9 | 13648.4 |
| 2423.6 | 52.5° | 2457.8 | 2581.5 | 2775.5 | 3007.6 | 3239.9 | 4859.2 | 6478.7 | 9651.5 | 12824.2 | 15181.0 |
| 2348.1 | 55°   | 2402.1 | 2588.5 | 2768.9 | 2950.5 | 3132.1 | 4603.0 | 6074.0 | 9587.9 | 13101.6 | 16539.8 |
| 2290.0 | 57.5° | 2368.7 | 2595.5 | 2754.6 | 2882.9 | 3011.1 | 4241.8 | 5472.4 | 9140.0 | 12807.9 | 17502.8 |
| 2235.3 | 60°   | 2337.3 | 2573.6 | 2678.6 | 2779.4 | 2880.3 | 3772.9 | 4665.5 | 8306.5 | 11947.5 | 17743.4 |
| 2173.0 | 62.5° | 2300.7 | 2519.9 | 2532.8 | 2599.6 | 2666.7 | 3211.6 | 3756.6 | 7179.4 | 10602.2 | 16730.1 |
| 2087.9 | 65°   | 2223.5 | 2390.6 | 2389.0 | 2420.6 | 2452.3 | 2706.6 | 2961.0 | 6029.4 | 9098.0  | 15296.3 |
| 1973.0 | 67.5° | 2085.9 | 2179.8 | 2184.2 | 2166.7 | 2149.0 | 2221.4 | 2293.6 | 4902.9 | 7512.3  | 13590.1 |
| 1830.9 | 70°   | 1911.3 | 1942.1 | 1942.1 | 1860.4 | 1778.4 | 1758.0 | 1737.3 | 3860.4 | 5983.5  | 11728.3 |
| 1661.7 | 72.5° | 1716.8 | 1716.4 | 1696.9 | 1580.9 | 1464.8 | 1402.3 | 1340.1 | 2951.3 | 4562.4  | 9710.0  |
| 1453.7 | 75°   | 1496.0 | 1503.6 | 1413.7 | 1283.6 | 1153.5 | 1097.1 | 1040.6 | 2142.0 | 3243.4  | 7396.4  |
| 1240.9 | 77.5° | 1274.9 | 1278.8 | 1130.7 | 1004.4 | 878.1  | 839.5  | 801.1  | 1451.5 | 2101.8  | 5176.8  |
| 994.2  | 80°   | 1022.7 | 1023.3 | 846.3  | 739.5  | 632.5  | 616.5  | 600.6  | 935.2  | 1269.9  | 3335.3  |
| 738.3  | 82.5° | 752.2  | 743.8  | 592.7  | 513.9  | 435.2  | 432.0  | 429.2  | 575.2  | 721.6   | 1930.4  |
| 480.3  | 85°   | 495.2  | 484.3  | 371.9  | 314.2  | 256.6  | 258.2  | 259.5  | 307.5  | 355.6   | 868.3   |
| 212.8  | 87.5° | 218.8  | 204.9  | 158.1  | 134.4  | 111.0  | 112.4  | 113.8  | 127.5  | 141.2   | 284.4   |
| 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°    |
|---------|-------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 5183.0  | 0°    | 5183.0  | 5183.0  | 5183.0  | 5183.0  | 5183.0  | 5183.0  | 5183.0  | 5183.0  | 5183.0  | 5183.0  |
| 5573.8  | 2.5°  | 5594.9  | 5616.1  | 5646.2  | 5676.2  | 5694.1  | 5712.0  | 5721.0  | 5729.9  | 5725.9  | 5729.9  |
| 5993.4  | 5°    | 6067.2  | 6141.2  | 6214.4  | 6287.8  | 6327.6  | 6367.3  | 6391.4  | 6415.7  | 6434.0  | 6415.7  |
| 6415.1  | 7.5°  | 6535.2  | 6655.1  | 6763.1  | 6871.1  | 6936.2  | 7001.2  | 7036.4  | 7071.4  | 7088.3  | 7071.4  |
| 6738.3  | 10°   | 6880.3  | 7022.3  | 7149.0  | 7275.7  | 7352.4  | 7428.8  | 7463.0  | 7497.0  | 7509.9  | 7497.0  |
| 6936.2  | 12.5° | 7090.1  | 7243.8  | 7358.4  | 7472.6  | 7528.2  | 7583.9  | 7602.6  | 7621.3  | 7623.3  | 7621.3  |
| 7056.5  | 15°   | 7189.3  | 7322.0  | 7393.8  | 7465.8  | 7467.8  | 7469.8  | 7449.9  | 7430.0  | 7406.5  | 7430.0  |
| 7124.1  | 17.5° | 7213.8  | 7303.5  | 7304.9  | 7306.1  | 7225.5  | 7145.0  | 7071.2  | 6997.2  | 6945.1  | 6997.2  |
| 7198.7  | 20°   | 7229.9  | 7261.3  | 7166.9  | 7072.4  | 6894.6  | 6716.8  | 6587.3  | 6457.8  | 6378.3  | 6457.8  |
| 7285.2  | 22.5° | 7244.2  | 7203.3  | 7007.6  | 6811.9  | 6550.3  | 6288.8  | 6126.9  | 5965.0  | 5877.1  | 5965.0  |
| 7396.6  | 25°   | 7267.3  | 7138.0  | 6840.9  | 6543.8  | 6226.1  | 5908.5  | 5738.3  | 5568.4  | 5485.3  | 5568.4  |
| 7547.7  | 27.5° | 7316.6  | 7085.3  | 6691.7  | 6298.3  | 5946.3  | 5594.3  | 5426.8  | 5259.5  | 5181.0  | 5259.5  |
| 7751.6  | 30°   | 7406.9  | 7062.4  | 6578.0  | 6093.5  | 5726.7  | 5360.0  | 5204.7  | 5049.3  | 4976.1  | 5049.3  |
| 7992.2  | 32.5° | 7520.3  | 7048.5  | 6500.4  | 5952.3  | 5607.6  | 5262.9  | 5141.0  | 5018.9  | 4966.2  | 5018.9  |
| 8284.6  | 35°   | 7707.0  | 7129.7  | 6558.5  | 5987.5  | 5748.0  | 5508.8  | 5480.3  | 5451.9  | 5447.5  | 5451.9  |
| 8776.8  | 37.5° | 8097.5  | 7418.1  | 6899.0  | 6379.9  | 6364.4  | 6348.8  | 6478.9  | 6609.0  | 6676.6  | 6609.0  |
| 9520.7  | 40°   | 8781.8  | 8043.0  | 7656.9  | 7270.9  | 7543.4  | 7815.8  | 8132.1  | 8448.3  | 8605.8  | 8448.3  |
| 10507.2 | 42.5° | 9774.1  | 9041.0  | 8818.6  | 8596.3  | 9190.5  | 9784.8  | 10360.0 | 10935.2 | 11272.9 | 10935.2 |
| 11725.3 | 45°   | 11066.8 | 10408.1 | 10310.1 | 10211.8 | 11163.9 | 12116.1 | 13061.3 | 14006.6 | 14580.3 | 14006.6 |
| 13248.8 | 47.5° | 12608.2 | 11967.4 | 11947.5 | 11927.6 | 13301.1 | 14674.2 | 16057.9 | 17441.3 | 18253.8 | 17441.3 |
| 15245.6 | 50°   | 14454.3 | 13663.1 | 13666.5 | 13669.8 | 15439.9 | 17210.0 | 19036.4 | 20862.8 | 21967.0 | 20862.8 |
| 17537.8 | 52.5° | 16579.6 | 15621.5 | 15524.7 | 15427.6 | 17542.0 | 19656.3 | 21916.1 | 24175.6 | 25499.2 | 24175.6 |
| 19978.1 | 55°   | 19031.4 | 18084.7 | 17707.0 | 17329.4 | 19682.6 | 22035.6 | 24729.5 | 27423.4 | 28997.6 | 27423.4 |
| 22197.7 | 57.5° | 21682.2 | 21166.5 | 20408.9 | 19651.5 | 22027.6 | 24403.7 | 27455.0 | 30506.2 | 32458.2 | 30506.2 |
| 23539.2 | 60°   | 24339.9 | 25140.8 | 24200.1 | 23259.3 | 25508.0 | 27756.6 | 31023.5 | 34290.4 | 36400.2 | 34290.4 |
| 22858.0 | 62.5° | 25045.9 | 27233.9 | 27127.9 | 27021.7 | 29081.5 | 31141.6 | 34249.8 | 37357.8 | 39307.9 | 37357.8 |
| 21494.6 | 65°   | 23548.1 | 25601.6 | 26008.0 | 26414.1 | 29031.8 | 31649.8 | 34663.7 | 37677.4 | 39337.7 | 37677.4 |
| 19667.9 | 67.5° | 21620.9 | 23574.0 | 23764.5 | 23954.8 | 26682.4 | 29409.7 | 32436.6 | 35463.4 | 36764.1 | 35463.4 |
| 17473.1 | 70°   | 19597.5 | 21722.0 | 21807.1 | 21892.4 | 24331.5 | 26770.5 | 29375.3 | 31979.9 | 32702.9 | 31979.9 |
| 14857.8 | 72.5° | 17295.5 | 19733.5 | 19794.7 | 19855.8 | 21764.1 | 23672.4 | 25623.3 | 27574.0 | 27647.2 | 27574.0 |
| 11549.3 | 75°   | 14072.4 | 16595.5 | 16822.0 | 17048.5 | 18533.2 | 20017.9 | 21391.2 | 22764.5 | 22396.6 | 22764.5 |
| 8251.8  | 77.5° | 10607.0 | 12962.4 | 13286.6 | 13610.8 | 14739.5 | 15868.1 | 16842.1 | 17816.2 | 17183.8 | 17816.2 |
| 5400.8  | 80°   | 7382.3  | 9363.6  | 9766.5  | 10169.4 | 11021.9 | 11873.9 | 12385.4 | 12896.8 | 11879.5 | 12896.8 |
| 3139.4  | 82.5° | 4494.0  | 5848.8  | 6298.9  | 6749.2  | 7335.9  | 7922.6  | 8136.0  | 8349.2  | 7549.7  | 8349.2  |
| 1381.3  | 85°   | 2100.2  | 2819.2  | 3202.1  | 3584.9  | 4067.0  | 4548.9  | 4670.0  | 4791.2  | 4150.8  | 4791.2  |
| 427.6   | 87.5° | 669.3   | 910.9   | 1124.5  | 1338.1  | 1579.2  | 1820.2  | 1830.5  | 1840.7  | 1545.3  | 1840.7  |
| 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°    |
|---------|-------|---------|---------|---------|---------|---------|---------|---------|
| 5183.0  | 0°    | 5183.0  | 5183.0  | 5183.0  | 5183.0  | 5183.0  | 5183.0  | 5183.0  |
| 5721.0  | 2.5°  | 5712.0  | 5694.1  | 5676.2  | 5646.2  | 5616.1  | 5594.9  | 5573.8  |
| 6391.4  | 5°    | 6367.3  | 6327.6  | 6287.8  | 6214.4  | 6141.2  | 6067.2  | 5993.4  |
| 7036.4  | 7.5°  | 7001.2  | 6936.2  | 6871.1  | 6763.1  | 6655.1  | 6535.2  | 6415.1  |
| 7463.0  | 10°   | 7428.8  | 7352.4  | 7275.7  | 7149.0  | 7022.3  | 6880.3  | 6738.3  |
| 7602.6  | 12.5° | 7583.9  | 7528.2  | 7472.6  | 7358.4  | 7243.8  | 7090.1  | 6936.2  |
| 7449.9  | 15°   | 7469.8  | 7467.8  | 7465.8  | 7393.8  | 7322.0  | 7189.3  | 7056.5  |
| 7071.2  | 17.5° | 7145.0  | 7225.5  | 7306.1  | 7304.9  | 7303.5  | 7213.8  | 7124.1  |
| 6587.3  | 20°   | 6716.8  | 6894.6  | 7072.4  | 7166.9  | 7261.3  | 7229.9  | 7198.7  |
| 6126.9  | 22.5° | 6288.8  | 6550.3  | 6811.9  | 7007.6  | 7203.3  | 7244.2  | 7285.2  |
| 5738.3  | 25°   | 5908.5  | 6226.1  | 6543.8  | 6840.9  | 7138.0  | 7267.3  | 7396.6  |
| 5426.8  | 27.5° | 5594.3  | 5946.3  | 6298.3  | 6691.7  | 7085.3  | 7316.6  | 7547.7  |
| 5204.7  | 30°   | 5360.0  | 5726.7  | 6093.5  | 6578.0  | 7062.4  | 7406.9  | 7751.6  |
| 5141.0  | 32.5° | 5262.9  | 5607.6  | 5952.3  | 6500.4  | 7048.5  | 7520.3  | 7992.2  |
| 5480.3  | 35°   | 5508.8  | 5748.0  | 5987.5  | 6558.5  | 7129.7  | 7707.0  | 8284.6  |
| 6478.9  | 37.5° | 6348.8  | 6364.4  | 6379.9  | 6899.0  | 7418.1  | 8097.5  | 8776.8  |
| 8132.1  | 40°   | 7815.8  | 7543.4  | 7270.9  | 7656.9  | 8043.0  | 8781.8  | 9520.7  |
| 10360.0 | 42.5° | 9784.8  | 9190.5  | 8596.3  | 8818.6  | 9041.0  | 9774.1  | 10507.2 |
| 13061.3 | 45°   | 12116.1 | 11163.9 | 10211.8 | 10310.1 | 10408.1 | 11066.8 | 11725.3 |
| 16057.9 | 47.5° | 14674.2 | 13301.1 | 11927.6 | 11947.5 | 11967.4 | 12608.2 | 13248.8 |
| 19036.4 | 50°   | 17210.0 | 15439.9 | 13669.8 | 13666.5 | 13663.1 | 14454.3 | 15245.6 |
| 21916.1 | 52.5° | 19656.3 | 17542.0 | 15427.6 | 15524.7 | 15621.5 | 16579.6 | 17537.8 |
| 24729.5 | 55°   | 22035.6 | 19682.6 | 17329.4 | 17707.0 | 18084.7 | 19031.4 | 19978.1 |
| 27455.0 | 57.5° | 24403.7 | 22027.6 | 19651.5 | 20408.9 | 21166.5 | 21682.2 | 22197.7 |
| 31023.5 | 60°   | 27756.6 | 25508.0 | 23259.3 | 24200.1 | 25140.8 | 24339.9 | 23539.2 |
| 34249.8 | 62.5° | 31141.6 | 29081.5 | 27021.7 | 27127.9 | 27233.9 | 25045.9 | 22858.0 |
| 34663.7 | 65°   | 31649.8 | 29031.8 | 26414.1 | 26008.0 | 25601.6 | 23548.1 | 21494.6 |
| 32436.6 | 67.5° | 29409.7 | 26682.4 | 23954.8 | 23764.5 | 23574.0 | 21620.9 | 19667.9 |
| 29375.3 | 70°   | 26770.5 | 24331.5 | 21892.4 | 21807.1 | 21722.0 | 19597.5 | 17473.1 |
| 25623.3 | 72.5° | 23672.4 | 21764.1 | 19855.8 | 19794.7 | 19733.5 | 17295.5 | 14857.8 |
| 21391.2 | 75°   | 20017.9 | 18533.2 | 17048.5 | 16822.0 | 16595.5 | 14072.4 | 11549.3 |
| 16842.1 | 77.5° | 15868.1 | 14739.5 | 13610.8 | 13286.6 | 12962.4 | 10607.0 | 8251.8  |
| 12385.4 | 80°   | 11873.9 | 11021.9 | 10169.4 | 9766.5  | 9363.6  | 7382.3  | 5400.8  |
| 8136.0  | 82.5° | 7922.6  | 7335.9  | 6749.2  | 6298.9  | 5848.8  | 4494.0  | 3139.4  |
| 4670.0  | 85°   | 4548.9  | 4067.0  | 3584.9  | 3202.1  | 2819.2  | 2100.2  | 1381.3  |
| 1830.5  | 87.5° | 1820.2  | 1579.2  | 1338.1  | 1124.5  | 910.9   | 669.3   | 427.6   |
| 0.0     | 90°   | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |

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