

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: P954964

Luminaire Tested: **GALN-SB8A-760-U-SLR**

Issue Date: 1/21/2025

**Test Information**

Test Method: LM-79-08  
Report Number: P954964  
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-SB8A-760-U-SLR  
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE  
(8) 70 CRI, 5700K, 350mA LIGHTSQUARES WITH 26 LEDS EACH AND SPILL LIGHT  
ELIMINATOR RIGHT OPTICS  
Light Source: -  
Ballast/Driver: -

**Summary**

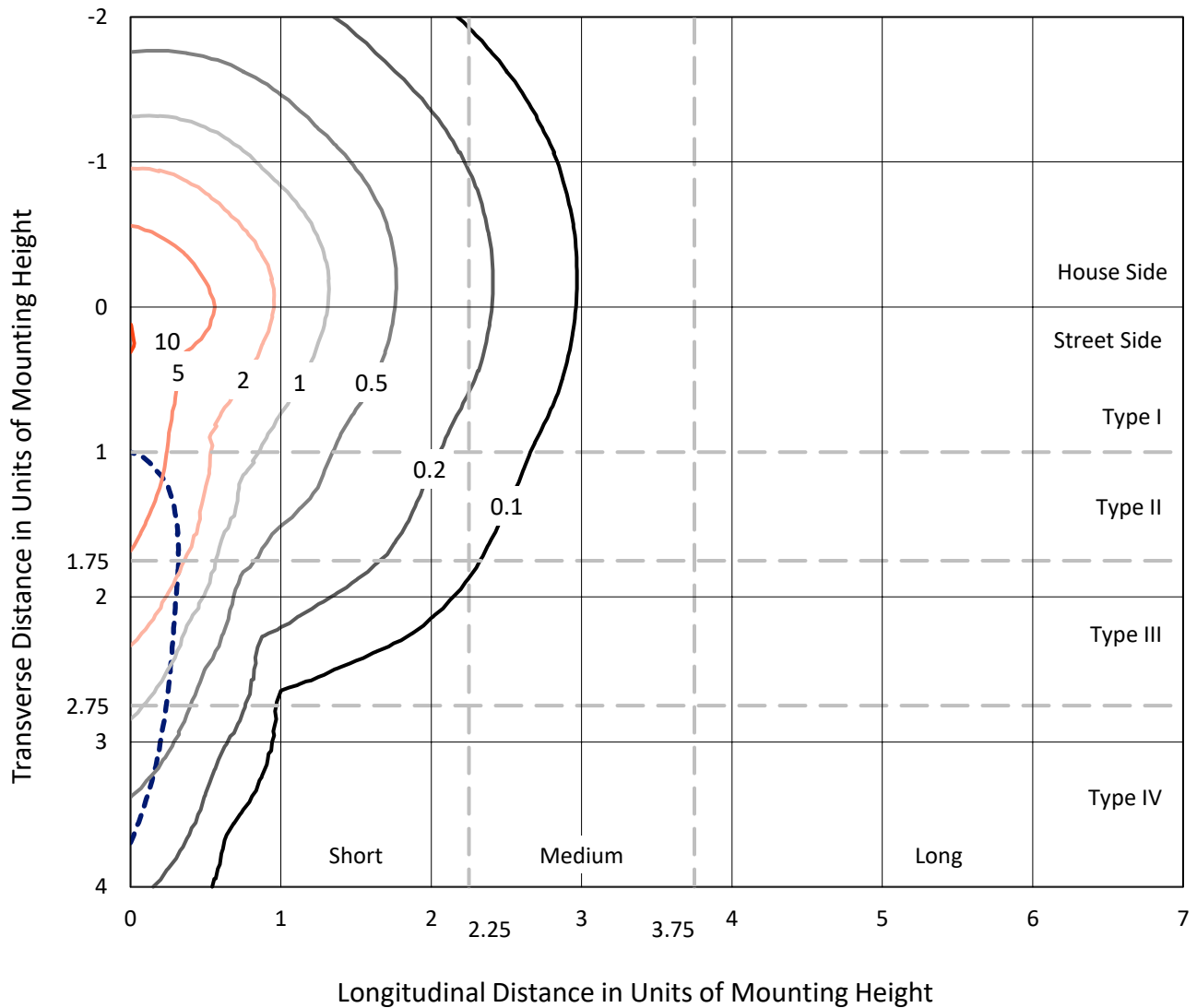
Lumens per Lamp: N/A  
Luminaire Lumens: 38238 lumens  
Efficiency: N/A  
Efficacy: 168.4 lumens/watt  
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')  
IES Classification: Type IV - Short  
BUG Rating: B4 - U0 - G5  
  
Input Watts (W): 227.1  
Input Voltage (V): NR  
Input Current (Ain): 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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 CATALOG NUMBER: GALN-SB8A-760-U-SLR

### Iso-Footcandle Lines of Horizontal Illumination

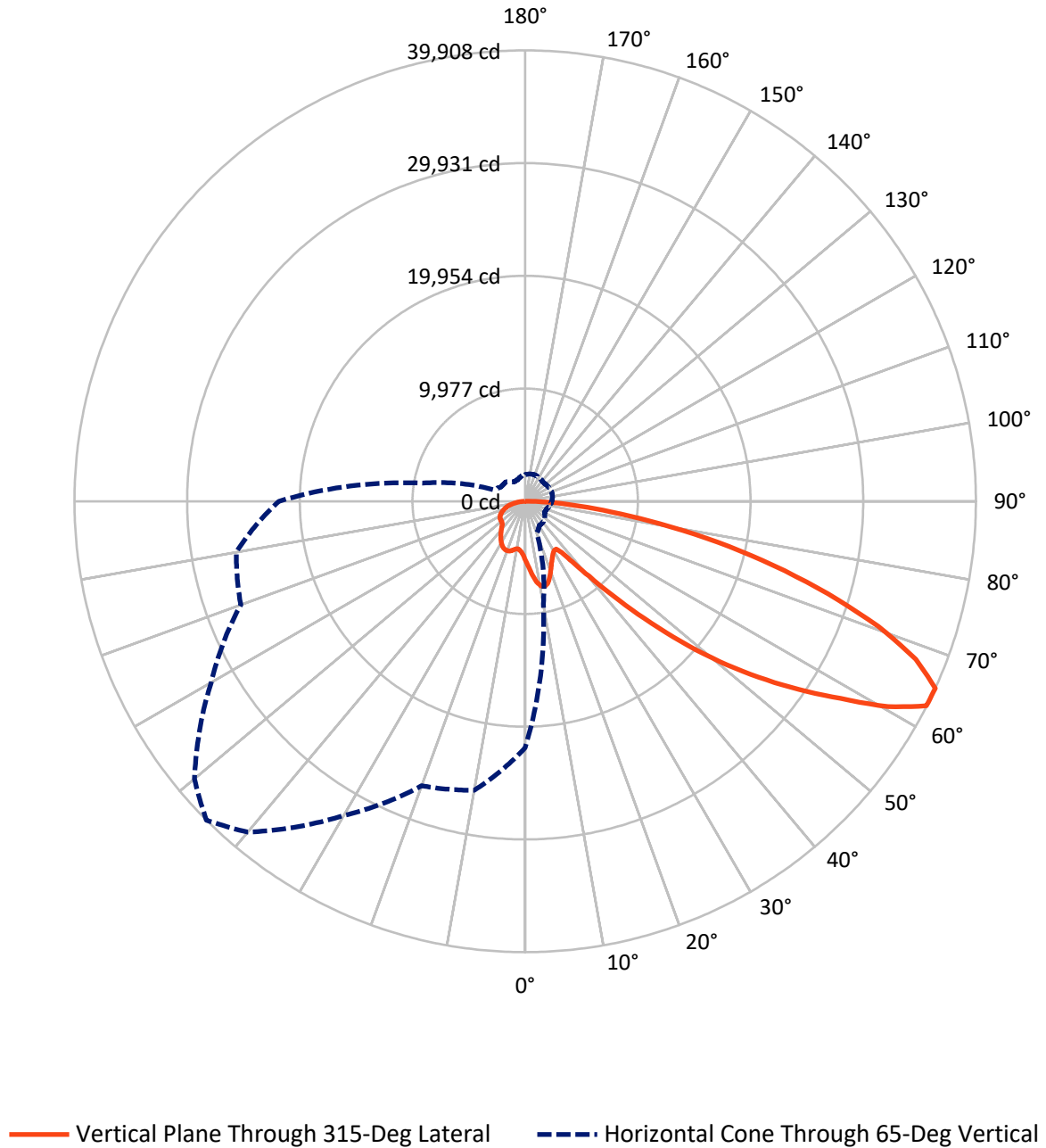
× Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 10.4 fc  
 Type IV - Short - N/A

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### Luminous Intensity Polar Plot



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CATALOG NUMBER: GALN-SB8A-760-U-SLR

**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total   |
|--------------------|-----------|----------|--------|---------|
| <b>House Side</b>  | Lumens    | 9718.2   | 0.0    | 9718.2  |
|                    | % Fixture | 25.4     | 0.0    | 25.4    |
| <b>Street Side</b> | Lumens    | 28519.8  | 0.0    | 28519.8 |
|                    | % Fixture | 74.6     | 0.0    | 74.6    |
| <b>Total</b>       | Lumens    | 38238.0  | 0.0    | 38238.0 |
|                    | % Fixture | 100.0    | 0.0    | 100.0   |

**ZONAL LUMENS:**

| Zone      | Lumens  | % Fixture |
|-----------|---------|-----------|
| 0°-10°    | 521.6   | 1.4       |
| 10°-20°   | 1637.4  | 4.3       |
| 20°-30°   | 2529.2  | 6.6       |
| 30°-40°   | 3205.1  | 8.4       |
| 40°-50°   | 4834.2  | 12.6      |
| 50°-60°   | 7810.3  | 20.4      |
| 60°-70°   | 9736.8  | 25.5      |
| 70°-80°   | 6384.9  | 16.7      |
| 80°-90°   | 1578.5  | 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°    | 38238.0 | 100.0     |
| 0°-180°   | 38238.0 | 100.0     |

**Coefficient of Utilization**



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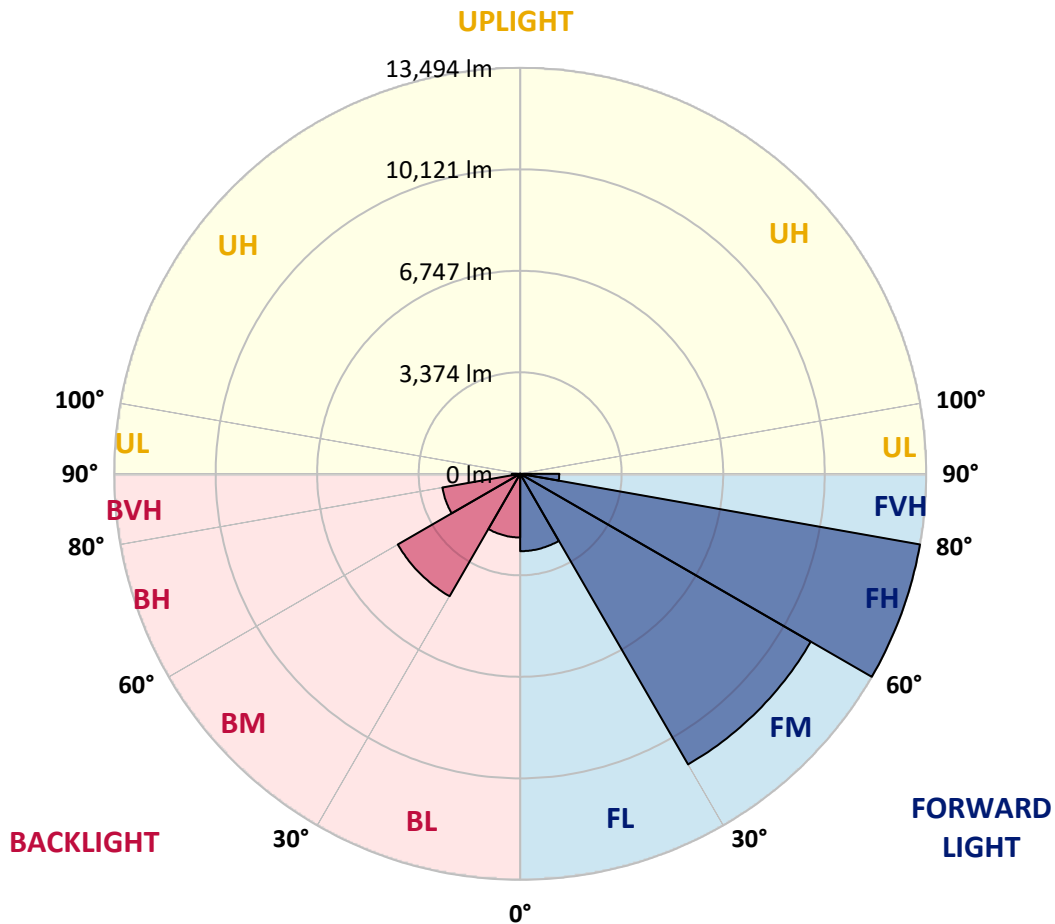
CATALOG NUMBER: GALN-SB8A-760-U-SLR

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

| Zone           | Lumens  | % Fixture | Zone Rating/Lumen Limit |      |         |
|----------------|---------|-----------|-------------------------|------|---------|
|                |         |           | B                       | U    | G       |
| FL (0°-30°)    | 2571.9  | 6.7       |                         |      |         |
| FM (30°-60°)   | 11153.2 | 29.2      |                         |      |         |
| FH (60°-80°)   | 13494.3 | 35.3      |                         |      | G5      |
| FVH (80°-90°)  | 1300.3  | 3.4       |                         |      | G5      |
| BL (0°-30°)    | 2116.3  | 5.5       | B3/2500                 |      |         |
| BM (30°-60°)   | 4696.4  | 12.3      | B3/5000                 |      |         |
| BH (60°-80°)   | 2627.3  | 6.9       | B4/5000                 |      | G4/5000 |
| BVH (80°-90°)  | 278.2   | 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°    | 5258.1  | 5258.1  | 5258.1  | 5258.1 | 5258.1 | 5258.1 | 5258.1 | 5258.1 | 5258.1 | 5258.1 |
| 2.5°  | 5654.5  | 5611.1  | 5567.8  | 5521.6 | 5475.6 | 5429.2 | 5382.7 | 5338.4 | 5294.0 | 5251.0 |
| 5°    | 6080.3  | 5984.4  | 5888.6  | 5792.9 | 5697.5 | 5601.3 | 5505.2 | 5415.4 | 5325.6 | 5240.9 |
| 7.5°  | 6508.0  | 6349.8  | 6191.8  | 6045.8 | 5899.7 | 5757.4 | 5615.2 | 5489.9 | 5364.6 | 5249.0 |
| 10°   | 6835.9  | 6635.9  | 6436.0  | 6242.9 | 6050.0 | 5877.3 | 5704.4 | 5556.3 | 5407.8 | 5265.1 |
| 12.5° | 7036.6  | 6816.9  | 6597.4  | 6378.7 | 6160.0 | 5956.2 | 5752.4 | 5584.7 | 5417.0 | 5267.1 |
| 15°   | 7158.7  | 6929.7  | 6700.7  | 6463.4 | 6226.1 | 5991.5 | 5756.8 | 5562.7 | 5368.6 | 5202.6 |
| 17.5° | 7227.3  | 6995.1  | 6762.8  | 6504.0 | 6245.1 | 5972.7 | 5700.3 | 5466.9 | 5233.4 | 5038.1 |
| 20°   | 7303.0  | 7061.7  | 6820.1  | 6535.6 | 6251.2 | 5921.1 | 5591.0 | 5301.6 | 5012.3 | 4784.9 |
| 22.5° | 7390.7  | 7144.2  | 6897.4  | 6578.4 | 6259.2 | 5857.7 | 5456.2 | 5107.7 | 4759.3 | 4500.4 |
| 25°   | 7503.7  | 7262.0  | 7020.5  | 6655.9 | 6291.1 | 5795.2 | 5299.4 | 4891.2 | 4483.3 | 4217.9 |
| 27.5° | 7657.1  | 7426.6  | 7196.0  | 6777.0 | 6357.7 | 5753.4 | 5149.1 | 4693.3 | 4237.5 | 3996.0 |
| 30°   | 7863.9  | 7641.1  | 7418.6  | 6933.7 | 6448.9 | 5733.8 | 5018.4 | 4527.9 | 4037.4 | 3834.6 |
| 32.5° | 8108.0  | 7887.5  | 7667.2  | 7097.4 | 6527.6 | 5709.6 | 4891.2 | 4385.2 | 3879.0 | 3715.5 |
| 35°   | 8404.6  | 8193.6  | 7982.3  | 7283.8 | 6585.3 | 5664.0 | 4743.1 | 4245.0 | 3746.8 | 3610.6 |
| 37.5° | 8904.0  | 8634.8  | 8365.7  | 7492.6 | 6619.6 | 5585.9 | 4552.3 | 4079.9 | 3607.6 | 3488.6 |
| 40°   | 9658.6  | 9266.4  | 8874.1  | 7757.7 | 6641.2 | 5478.4 | 4315.8 | 3883.0 | 3450.2 | 3342.3 |
| 42.5° | 10659.4 | 10093.2 | 9527.0  | 8104.6 | 6682.1 | 5367.4 | 4053.1 | 3665.7 | 3278.3 | 3178.8 |
| 45°   | 11895.2 | 11131.5 | 10367.8 | 8561.0 | 6754.2 | 5264.3 | 3774.7 | 3434.9 | 3095.1 | 2994.2 |
| 47.5° | 13440.7 | 12365.9 | 11290.9 | 9047.2 | 6803.6 | 5179.2 | 3554.7 | 3252.3 | 2949.8 | 2819.7 |
| 50°   | 15466.5 | 13846.1 | 12225.5 | 9498.4 | 6771.3 | 5086.4 | 3401.4 | 3131.0 | 2860.7 | 2689.6 |
| 52.5° | 17791.8 | 15400.9 | 13010.0 | 9791.4 | 6572.6 | 4929.6 | 3286.8 | 3051.1 | 2815.7 | 2618.9 |
| 55°   | 20267.5 | 16779.4 | 13291.4 | 9726.8 | 6162.0 | 4669.7 | 3177.4 | 2993.2 | 2809.0 | 2626.0 |
| 57.5° | 22519.2 | 17756.3 | 12993.4 | 9272.4 | 5551.6 | 4303.3 | 3054.8 | 2924.6 | 2794.5 | 2633.1 |
| 60°   | 23880.2 | 18000.5 | 12120.6 | 8426.8 | 4733.1 | 3827.5 | 2922.0 | 2819.7 | 2717.4 | 2610.9 |
| 62.5° | 23189.1 | 16972.5 | 10755.8 | 7283.4 | 3811.0 | 3258.1 | 2705.3 | 2637.3 | 2569.5 | 2556.4 |
| 65°   | 21806.0 | 15517.9 | 9229.8  | 6116.8 | 3003.9 | 2745.9 | 2487.8 | 2455.7 | 2423.6 | 2425.2 |
| 67.5° | 19952.8 | 13787.0 | 7621.2  | 4974.0 | 2326.8 | 2253.5 | 2180.1 | 2198.1 | 2215.8 | 2211.4 |
| 70°   | 17726.3 | 11898.2 | 6070.2  | 3916.3 | 1762.4 | 1783.4 | 1804.2 | 1887.3 | 1970.3 | 1970.3 |
| 72.5° | 15073.0 | 9850.7  | 4628.5  | 2994.0 | 1359.5 | 1422.7 | 1486.0 | 1603.8 | 1721.5 | 1741.3 |
| 75°   | 11716.6 | 7503.5  | 3290.4  | 2173.0 | 1055.6 | 1112.9 | 1170.3 | 1302.2 | 1434.2 | 1525.4 |
| 77.5° | 8371.3  | 5251.8  | 2132.3  | 1472.5 | 812.7  | 851.7  | 890.8  | 1018.9 | 1147.0 | 1297.4 |
| 80°   | 5479.0  | 3383.6  | 1288.3  | 948.7  | 609.3  | 625.5  | 641.6  | 750.2  | 858.5  | 1038.1 |
| 82.5° | 3184.9  | 1958.4  | 732.0   | 583.5  | 435.4  | 438.2  | 441.5  | 521.4  | 601.3  | 754.6  |
| 85°   | 1401.3  | 880.9   | 360.8   | 311.9  | 263.3  | 261.9  | 260.3  | 318.8  | 377.3  | 491.3  |
| 87.5° | 433.8   | 288.5   | 143.3   | 129.3  | 115.4  | 114.0  | 112.6  | 136.4  | 160.4  | 207.8  |
| 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°   |
|--------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 5258.1 | 0°    | 5258.1 | 5258.1 | 5258.1 | 5258.1 | 5258.1 | 5258.1 | 5258.1 | 5258.1 | 5258.1 | 5258.1 |
| 5203.2 | 2.5°  | 5164.4 | 5125.9 | 5091.0 | 5056.3 | 5025.8 | 4995.4 | 4964.7 | 4934.2 | 4910.6 | 4886.8 |
| 5157.2 | 5°    | 5084.1 | 5010.9 | 4949.6 | 4888.4 | 4834.3 | 4780.3 | 4731.2 | 4682.0 | 4644.3 | 4606.3 |
| 5140.6 | 7.5°  | 5043.4 | 4946.3 | 4865.6 | 4784.9 | 4716.9 | 4648.7 | 4588.6 | 4528.7 | 4483.7 | 4438.9 |
| 5148.7 | 10°   | 5046.2 | 4943.7 | 4863.0 | 4782.3 | 4709.0 | 4635.6 | 4568.0 | 4500.4 | 4446.7 | 4392.9 |
| 5158.8 | 12.5° | 5074.8 | 4991.3 | 4937.6 | 4884.4 | 4826.7 | 4769.4 | 4699.4 | 4629.5 | 4560.9 | 4492.3 |
| 5115.8 | 15°   | 5075.7 | 5035.7 | 5043.0 | 5050.2 | 5035.3 | 5020.4 | 4959.6 | 4898.9 | 4801.3 | 4703.6 |
| 4984.7 | 17.5° | 4999.4 | 5013.9 | 5101.9 | 5189.9 | 5236.7 | 5283.3 | 5234.2 | 5185.4 | 5056.1 | 4926.8 |
| 4770.8 | 20°   | 4839.4 | 4908.0 | 5060.7 | 5213.7 | 5311.5 | 5409.4 | 5386.8 | 5364.0 | 5216.1 | 5068.4 |
| 4528.1 | 22.5° | 4629.5 | 4731.0 | 4905.4 | 5080.1 | 5207.4 | 5334.7 | 5348.4 | 5362.0 | 5220.7 | 5079.5 |
| 4292.6 | 25°   | 4409.6 | 4526.6 | 4683.4 | 4840.4 | 4965.7 | 5091.0 | 5137.8 | 5184.4 | 5068.6 | 4953.0 |
| 4086.8 | 27.5° | 4199.8 | 4312.8 | 4441.7 | 4570.4 | 4670.9 | 4771.4 | 4823.4 | 4875.7 | 4793.2 | 4710.9 |
| 3905.8 | 30°   | 3995.4 | 4085.4 | 4192.3 | 4299.3 | 4382.6 | 4466.1 | 4508.5 | 4550.9 | 4488.1 | 4425.2 |
| 3747.2 | 32.5° | 3800.3 | 3853.4 | 3938.7 | 4024.2 | 4104.1 | 4184.2 | 4231.3 | 4278.5 | 4220.8 | 4162.9 |
| 3597.5 | 35°   | 3612.0 | 3626.8 | 3691.9 | 3756.9 | 3836.0 | 3915.3 | 3971.8 | 4028.3 | 3987.1 | 3946.2 |
| 3440.5 | 37.5° | 3424.4 | 3408.3 | 3455.1 | 3501.7 | 3580.6 | 3659.7 | 3729.5 | 3799.3 | 3780.3 | 3761.3 |
| 3268.6 | 40°   | 3232.1 | 3195.6 | 3229.3 | 3263.0 | 3339.2 | 3415.5 | 3495.8 | 3576.3 | 3581.0 | 3585.4 |
| 3086.0 | 42.5° | 3037.6 | 2989.2 | 3016.6 | 3044.3 | 3116.5 | 3188.9 | 3275.7 | 3362.5 | 3385.7 | 3408.9 |
| 2904.4 | 45°   | 2857.2 | 2810.2 | 2833.2 | 2856.6 | 2925.2 | 2993.8 | 3083.8 | 3173.8 | 3207.1 | 3240.4 |
| 2742.4 | 47.5° | 2702.9 | 2663.3 | 2685.1 | 2706.7 | 2773.9 | 2840.9 | 2929.7 | 3018.4 | 3056.8 | 3095.1 |
| 2599.8 | 50°   | 2564.7 | 2529.8 | 2563.7 | 2597.8 | 2661.1 | 2724.3 | 2803.8 | 2883.3 | 2932.5 | 2981.7 |
| 2493.4 | 52.5° | 2458.7 | 2424.2 | 2475.3 | 2526.1 | 2584.2 | 2642.1 | 2716.2 | 2790.4 | 2848.8 | 2907.1 |
| 2436.9 | 55°   | 2382.1 | 2327.4 | 2399.8 | 2472.1 | 2534.6 | 2597.1 | 2662.1 | 2726.9 | 2788.6 | 2850.6 |
| 2403.0 | 57.5° | 2323.1 | 2243.2 | 2321.1 | 2399.0 | 2472.5 | 2545.9 | 2610.1 | 2674.4 | 2736.8 | 2798.9 |
| 2371.2 | 60°   | 2267.7 | 2164.0 | 2232.4 | 2300.6 | 2384.9 | 2469.2 | 2534.4 | 2599.8 | 2662.3 | 2724.9 |
| 2334.0 | 62.5° | 2204.5 | 2075.2 | 2118.6 | 2161.9 | 2260.2 | 2358.7 | 2428.3 | 2497.9 | 2555.2 | 2612.5 |
| 2255.8 | 65°   | 2118.2 | 1980.3 | 1997.1 | 2013.6 | 2119.0 | 2224.5 | 2291.1 | 2357.7 | 2408.1 | 2458.5 |
| 2116.1 | 67.5° | 2001.5 | 1886.9 | 1881.7 | 1876.4 | 1973.7 | 2071.1 | 2134.3 | 2197.2 | 2240.8 | 2284.4 |
| 1939.0 | 70°   | 1857.5 | 1776.0 | 1757.8 | 1739.6 | 1825.2 | 1910.7 | 1965.2 | 2019.7 | 2059.0 | 2098.4 |
| 1741.7 | 72.5° | 1685.8 | 1629.9 | 1603.2 | 1576.8 | 1644.2 | 1711.4 | 1760.6 | 1809.9 | 1848.4 | 1886.9 |
| 1517.7 | 75°   | 1474.7 | 1431.5 | 1406.1 | 1380.5 | 1430.5 | 1480.6 | 1525.2 | 1569.7 | 1604.9 | 1640.0 |
| 1293.3 | 77.5° | 1258.8 | 1224.3 | 1198.5 | 1172.7 | 1213.4 | 1254.0 | 1292.3 | 1330.7 | 1367.6 | 1404.3 |
| 1037.5 | 80°   | 1008.6 | 979.6  | 958.0  | 936.2  | 970.1  | 1003.8 | 1036.1 | 1068.4 | 1096.4 | 1124.2 |
| 763.1  | 82.5° | 749.0  | 734.8  | 719.5  | 704.2  | 701.3  | 698.5  | 687.2  | 675.9  | 735.6  | 795.4  |
| 502.4  | 85°   | 487.3  | 472.1  | 455.0  | 437.8  | 423.3  | 408.6  | 377.3  | 346.0  | 401.9  | 458.0  |
| 221.9  | 87.5° | 215.9  | 209.8  | 206.6  | 203.4  | 202.8  | 202.2  | 178.4  | 154.4  | 177.8  | 201.4  |
| 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):**

| 105°   |       | 110°   | 115°   | 120°   | 125°   | 130°   | 135°   | 140°   | 145°   | 150°   | 155°   |
|--------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 5258.1 | 0°    | 5258.1 | 5258.1 | 5258.1 | 5258.1 | 5258.1 | 5258.1 | 5258.1 | 5258.1 | 5258.1 | 5258.1 |
| 4867.6 | 2.5°  | 4848.5 | 4833.5 | 4818.6 | 4804.9 | 4791.0 | 4773.8 | 4791.0 | 4804.9 | 4818.6 | 4833.5 |
| 4579.9 | 5°    | 4553.5 | 4534.7 | 4516.0 | 4501.6 | 4487.3 | 4473.2 | 4487.3 | 4501.6 | 4516.0 | 4534.7 |
| 4407.4 | 7.5°  | 4375.9 | 4354.3 | 4333.0 | 4320.0 | 4307.3 | 4297.6 | 4307.3 | 4320.0 | 4333.0 | 4354.3 |
| 4357.8 | 10°   | 4322.3 | 4301.9 | 4281.5 | 4270.6 | 4259.7 | 4255.3 | 4259.7 | 4270.6 | 4281.5 | 4301.9 |
| 4447.0 | 12.5° | 4401.6 | 4378.8 | 4356.2 | 4346.9 | 4337.6 | 4336.0 | 4337.6 | 4346.9 | 4356.2 | 4378.8 |
| 4634.6 | 15°   | 4565.6 | 4533.9 | 4502.4 | 4490.3 | 4478.2 | 4477.2 | 4478.2 | 4490.3 | 4502.4 | 4533.9 |
| 4825.1 | 17.5° | 4723.4 | 4676.6 | 4629.5 | 4614.2 | 4598.7 | 4596.3 | 4598.7 | 4614.2 | 4629.5 | 4676.6 |
| 4943.7 | 20°   | 4819.2 | 4759.3 | 4699.2 | 4680.0 | 4660.8 | 4654.8 | 4660.8 | 4680.0 | 4699.2 | 4759.3 |
| 4951.2 | 22.5° | 4822.6 | 4759.5 | 4696.1 | 4674.9 | 4653.8 | 4644.7 | 4653.8 | 4674.9 | 4696.1 | 4759.5 |
| 4838.8 | 25°   | 4725.0 | 4670.1 | 4615.4 | 4595.5 | 4575.7 | 4564.0 | 4575.7 | 4595.5 | 4615.4 | 4670.1 |
| 4622.3 | 27.5° | 4533.7 | 4497.0 | 4460.1 | 4451.0 | 4441.9 | 4438.9 | 4441.9 | 4451.0 | 4460.1 | 4497.0 |
| 4361.8 | 30°   | 4298.0 | 4279.3 | 4260.3 | 4260.3 | 4260.3 | 4263.3 | 4260.3 | 4260.3 | 4260.3 | 4279.3 |
| 4112.2 | 32.5° | 4061.6 | 4049.3 | 4037.0 | 4038.6 | 4040.4 | 4043.4 | 4040.4 | 4038.6 | 4037.0 | 4049.3 |
| 3899.4 | 35°   | 3852.7 | 3834.0 | 3815.4 | 3811.4 | 3807.3 | 3805.3 | 3807.3 | 3811.4 | 3815.4 | 3834.0 |
| 3718.4 | 37.5° | 3675.2 | 3641.1 | 3607.2 | 3589.2 | 3571.3 | 3561.2 | 3571.3 | 3589.2 | 3607.2 | 3641.1 |
| 3548.9 | 40°   | 3512.4 | 3462.7 | 3413.5 | 3380.0 | 3346.9 | 3327.1 | 3346.9 | 3380.0 | 3413.5 | 3462.7 |
| 3378.0 | 42.5° | 3347.3 | 3285.8 | 3224.2 | 3175.6 | 3127.0 | 3095.1 | 3127.0 | 3175.6 | 3224.2 | 3285.8 |
| 3212.5 | 45°   | 3184.9 | 3114.5 | 3044.3 | 2987.2 | 2930.1 | 2893.3 | 2930.1 | 2987.2 | 3044.3 | 3114.5 |
| 3075.7 | 47.5° | 3056.4 | 2993.8 | 2931.3 | 2878.4 | 2825.8 | 2790.4 | 2825.8 | 2878.4 | 2931.3 | 2993.8 |
| 2980.5 | 50°   | 2979.7 | 2929.7 | 2879.6 | 2830.8 | 2782.0 | 2748.1 | 2782.0 | 2830.8 | 2879.6 | 2929.7 |
| 2917.6 | 52.5° | 2928.0 | 2887.3 | 2846.5 | 2802.7 | 2759.2 | 2727.9 | 2759.2 | 2802.7 | 2846.5 | 2887.3 |
| 2865.1 | 55°   | 2879.6 | 2844.1 | 2808.6 | 2770.3 | 2731.9 | 2703.7 | 2731.9 | 2770.3 | 2808.6 | 2844.1 |
| 2813.6 | 57.5° | 2828.4 | 2792.5 | 2756.5 | 2718.6 | 2680.5 | 2651.2 | 2680.5 | 2718.6 | 2756.5 | 2792.5 |
| 2741.0 | 60°   | 2757.1 | 2722.0 | 2687.1 | 2648.0 | 2608.9 | 2578.6 | 2608.9 | 2648.0 | 2687.1 | 2722.0 |
| 2628.0 | 62.5° | 2643.6 | 2611.9 | 2580.2 | 2539.0 | 2497.9 | 2461.6 | 2497.9 | 2539.0 | 2580.2 | 2611.9 |
| 2474.5 | 65°   | 2490.2 | 2459.7 | 2429.3 | 2389.3 | 2349.6 | 2318.3 | 2349.6 | 2389.3 | 2429.3 | 2459.7 |
| 2299.9 | 67.5° | 2315.3 | 2287.2 | 2259.4 | 2222.3 | 2185.1 | 2156.9 | 2185.1 | 2222.3 | 2259.4 | 2287.2 |
| 2113.3 | 70°   | 2128.2 | 2105.4 | 2082.6 | 2047.1 | 2011.6 | 1979.3 | 2011.6 | 2047.1 | 2082.6 | 2105.4 |
| 1904.7 | 72.5° | 1922.4 | 1903.5 | 1884.5 | 1850.6 | 1816.9 | 1785.6 | 1816.9 | 1850.6 | 1884.5 | 1903.5 |
| 1658.5 | 75°   | 1677.1 | 1667.8 | 1658.5 | 1630.1 | 1601.6 | 1571.8 | 1601.6 | 1630.1 | 1658.5 | 1667.8 |
| 1421.7 | 77.5° | 1439.0 | 1426.1 | 1412.8 | 1384.1 | 1355.5 | 1331.7 | 1355.5 | 1384.1 | 1412.8 | 1426.1 |
| 1147.2 | 80°   | 1170.3 | 1164.6 | 1159.2 | 1120.6 | 1081.9 | 1037.1 | 1081.9 | 1120.6 | 1159.2 | 1164.6 |
| 834.5  | 82.5° | 873.7  | 871.2  | 868.6  | 836.1  | 803.4  | 774.8  | 803.4  | 836.1  | 868.6  | 871.2  |
| 506.4  | 85°   | 554.9  | 550.8  | 546.8  | 521.4  | 495.9  | 470.1  | 495.9  | 521.4  | 546.8  | 550.8  |
| 220.9  | 87.5° | 240.5  | 235.7  | 230.4  | 217.5  | 204.2  | 191.7  | 204.2  | 217.5  | 230.4  | 235.7  |
| 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):**

| 160°   |       | 165°   | 170°   | 175°   | 180°   | 185°   | 190°   | 195°   | 200°   | 205°   | 210°   |
|--------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 5258.1 | 0°    | 5258.1 | 5258.1 | 5258.1 | 5258.1 | 5258.1 | 5258.1 | 5258.1 | 5258.1 | 5258.1 | 5258.1 |
| 4848.5 | 2.5°  | 4867.6 | 4886.8 | 4910.6 | 4934.2 | 4964.7 | 4995.4 | 5025.8 | 5056.3 | 5091.0 | 5125.9 |
| 4553.5 | 5°    | 4579.9 | 4606.3 | 4644.3 | 4682.0 | 4731.2 | 4780.3 | 4834.3 | 4888.4 | 4949.6 | 5010.9 |
| 4375.9 | 7.5°  | 4407.4 | 4438.9 | 4483.7 | 4528.7 | 4588.6 | 4648.7 | 4716.9 | 4784.9 | 4865.6 | 4946.3 |
| 4322.3 | 10°   | 4357.8 | 4392.9 | 4446.7 | 4500.4 | 4568.0 | 4635.6 | 4709.0 | 4782.3 | 4863.0 | 4943.7 |
| 4401.6 | 12.5° | 4447.0 | 4492.3 | 4560.9 | 4629.5 | 4699.4 | 4769.4 | 4826.7 | 4884.4 | 4937.6 | 4991.3 |
| 4565.6 | 15°   | 4634.6 | 4703.6 | 4801.3 | 4898.9 | 4959.6 | 5020.4 | 5035.3 | 5050.2 | 5043.0 | 5035.7 |
| 4723.4 | 17.5° | 4825.1 | 4926.8 | 5056.1 | 5185.4 | 5234.2 | 5283.3 | 5236.7 | 5189.9 | 5101.9 | 5013.9 |
| 4819.2 | 20°   | 4943.7 | 5068.4 | 5216.1 | 5364.0 | 5386.8 | 5409.4 | 5311.5 | 5213.7 | 5060.7 | 4908.0 |
| 4822.6 | 22.5° | 4951.2 | 5079.5 | 5220.7 | 5362.0 | 5348.4 | 5334.7 | 5207.4 | 5080.1 | 4905.4 | 4731.0 |
| 4725.0 | 25°   | 4838.8 | 4953.0 | 5068.6 | 5184.4 | 5137.8 | 5091.0 | 4965.7 | 4840.4 | 4683.4 | 4526.6 |
| 4533.7 | 27.5° | 4622.3 | 4710.9 | 4793.2 | 4875.7 | 4823.4 | 4771.4 | 4670.9 | 4570.4 | 4441.7 | 4312.8 |
| 4298.0 | 30°   | 4361.8 | 4425.2 | 4488.1 | 4550.9 | 4508.5 | 4466.1 | 4382.6 | 4299.3 | 4192.3 | 4085.4 |
| 4061.6 | 32.5° | 4112.2 | 4162.9 | 4220.8 | 4278.5 | 4231.3 | 4184.2 | 4104.1 | 4024.2 | 3938.7 | 3853.4 |
| 3852.7 | 35°   | 3899.4 | 3946.2 | 3987.1 | 4028.3 | 3971.8 | 3915.3 | 3836.0 | 3756.9 | 3691.9 | 3626.8 |
| 3675.2 | 37.5° | 3718.4 | 3761.3 | 3780.3 | 3799.3 | 3729.5 | 3659.7 | 3580.6 | 3501.7 | 3455.1 | 3408.3 |
| 3512.4 | 40°   | 3548.9 | 3585.4 | 3581.0 | 3576.3 | 3495.8 | 3415.5 | 3339.2 | 3263.0 | 3229.3 | 3195.6 |
| 3347.3 | 42.5° | 3378.0 | 3408.9 | 3385.7 | 3362.5 | 3275.7 | 3188.9 | 3116.5 | 3044.3 | 3016.6 | 2989.2 |
| 3184.9 | 45°   | 3212.5 | 3240.4 | 3207.1 | 3173.8 | 3083.8 | 2993.8 | 2925.2 | 2856.6 | 2833.2 | 2810.2 |
| 3056.4 | 47.5° | 3075.7 | 3095.1 | 3056.8 | 3018.4 | 2929.7 | 2840.9 | 2773.9 | 2706.7 | 2685.1 | 2663.3 |
| 2979.7 | 50°   | 2980.5 | 2981.7 | 2932.5 | 2883.3 | 2803.8 | 2724.3 | 2661.1 | 2597.8 | 2563.7 | 2529.8 |
| 2928.0 | 52.5° | 2917.6 | 2907.1 | 2848.8 | 2790.4 | 2716.2 | 2642.1 | 2584.2 | 2526.1 | 2475.3 | 2424.2 |
| 2879.6 | 55°   | 2865.1 | 2850.6 | 2788.6 | 2726.9 | 2662.1 | 2597.1 | 2534.6 | 2472.1 | 2399.8 | 2327.4 |
| 2828.4 | 57.5° | 2813.6 | 2798.9 | 2736.8 | 2674.4 | 2610.1 | 2545.9 | 2472.5 | 2399.0 | 2321.1 | 2243.2 |
| 2757.1 | 60°   | 2741.0 | 2724.9 | 2662.3 | 2599.8 | 2534.4 | 2469.2 | 2384.9 | 2300.6 | 2232.4 | 2164.0 |
| 2643.6 | 62.5° | 2628.0 | 2612.5 | 2555.2 | 2497.9 | 2428.3 | 2358.7 | 2260.2 | 2161.9 | 2118.6 | 2075.2 |
| 2490.2 | 65°   | 2474.5 | 2458.5 | 2408.1 | 2357.7 | 2291.1 | 2224.5 | 2119.0 | 2013.6 | 1997.1 | 1980.3 |
| 2315.3 | 67.5° | 2299.9 | 2284.4 | 2240.8 | 2197.2 | 2134.3 | 2071.1 | 1973.7 | 1876.4 | 1881.7 | 1886.9 |
| 2128.2 | 70°   | 2113.3 | 2098.4 | 2059.0 | 2019.7 | 1965.2 | 1910.7 | 1825.2 | 1739.6 | 1757.8 | 1776.0 |
| 1922.4 | 72.5° | 1904.7 | 1886.9 | 1848.4 | 1809.9 | 1760.6 | 1711.4 | 1644.2 | 1576.8 | 1603.2 | 1629.9 |
| 1677.1 | 75°   | 1658.5 | 1640.0 | 1604.9 | 1569.7 | 1525.2 | 1480.6 | 1430.5 | 1380.5 | 1406.1 | 1431.5 |
| 1439.0 | 77.5° | 1421.7 | 1404.3 | 1367.6 | 1330.7 | 1292.3 | 1254.0 | 1213.4 | 1172.7 | 1198.5 | 1224.3 |
| 1170.3 | 80°   | 1147.2 | 1124.2 | 1096.4 | 1068.4 | 1036.1 | 1003.8 | 970.1  | 936.2  | 958.0  | 979.6  |
| 873.7  | 82.5° | 834.5  | 795.4  | 735.6  | 675.9  | 687.2  | 698.5  | 701.3  | 704.2  | 719.5  | 734.8  |
| 554.9  | 85°   | 506.4  | 458.0  | 401.9  | 346.0  | 377.3  | 408.6  | 423.3  | 437.8  | 455.0  | 472.1  |
| 240.5  | 87.5° | 220.9  | 201.4  | 177.8  | 154.4  | 178.4  | 202.2  | 202.8  | 203.4  | 206.6  | 209.8  |
| 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°    |
|--------|-------|--------|--------|--------|--------|--------|--------|--------|--------|---------|---------|
| 5258.1 | 0°    | 5258.1 | 5258.1 | 5258.1 | 5258.1 | 5258.1 | 5258.1 | 5258.1 | 5258.1 | 5258.1  | 5258.1  |
| 5164.4 | 2.5°  | 5203.2 | 5251.0 | 5294.0 | 5338.4 | 5382.7 | 5429.2 | 5475.6 | 5521.6 | 5567.8  | 5611.1  |
| 5084.1 | 5°    | 5157.2 | 5240.9 | 5325.6 | 5415.4 | 5505.2 | 5601.3 | 5697.5 | 5792.9 | 5888.6  | 5984.4  |
| 5043.4 | 7.5°  | 5140.6 | 5249.0 | 5364.6 | 5489.9 | 5615.2 | 5757.4 | 5899.7 | 6045.8 | 6191.8  | 6349.8  |
| 5046.2 | 10°   | 5148.7 | 5265.1 | 5407.8 | 5556.3 | 5704.4 | 5877.3 | 6050.0 | 6242.9 | 6436.0  | 6635.9  |
| 5074.8 | 12.5° | 5158.8 | 5267.1 | 5417.0 | 5584.7 | 5752.4 | 5956.2 | 6160.0 | 6378.7 | 6597.4  | 6816.9  |
| 5075.7 | 15°   | 5115.8 | 5202.6 | 5368.6 | 5562.7 | 5756.8 | 5991.5 | 6226.1 | 6463.4 | 6700.7  | 6929.7  |
| 4999.4 | 17.5° | 4984.7 | 5038.1 | 5233.4 | 5466.9 | 5700.3 | 5972.7 | 6245.1 | 6504.0 | 6762.8  | 6995.1  |
| 4839.4 | 20°   | 4770.8 | 4784.9 | 5012.3 | 5301.6 | 5591.0 | 5921.1 | 6251.2 | 6535.6 | 6820.1  | 7061.7  |
| 4629.5 | 22.5° | 4528.1 | 4500.4 | 4759.3 | 5107.7 | 5456.2 | 5857.7 | 6259.2 | 6578.4 | 6897.4  | 7144.2  |
| 4409.6 | 25°   | 4292.6 | 4217.9 | 4483.3 | 4891.2 | 5299.4 | 5795.2 | 6291.1 | 6655.9 | 7020.5  | 7262.0  |
| 4199.8 | 27.5° | 4086.8 | 3996.0 | 4237.5 | 4693.3 | 5149.1 | 5753.4 | 6357.7 | 6777.0 | 7196.0  | 7426.6  |
| 3995.4 | 30°   | 3905.8 | 3834.6 | 4037.4 | 4527.9 | 5018.4 | 5733.8 | 6448.9 | 6933.7 | 7418.6  | 7641.1  |
| 3800.3 | 32.5° | 3747.2 | 3715.5 | 3879.0 | 4385.2 | 4891.2 | 5709.6 | 6527.6 | 7097.4 | 7667.2  | 7887.5  |
| 3612.0 | 35°   | 3597.5 | 3610.6 | 3746.8 | 4245.0 | 4743.1 | 5664.0 | 6585.3 | 7283.8 | 7982.3  | 8193.6  |
| 3424.4 | 37.5° | 3440.5 | 3488.6 | 3607.6 | 4079.9 | 4552.3 | 5585.9 | 6619.6 | 7492.6 | 8365.7  | 8634.8  |
| 3232.1 | 40°   | 3268.6 | 3342.3 | 3450.2 | 3883.0 | 4315.8 | 5478.4 | 6641.2 | 7757.7 | 8874.1  | 9266.4  |
| 3037.6 | 42.5° | 3086.0 | 3178.8 | 3278.3 | 3665.7 | 4053.1 | 5367.4 | 6682.1 | 8104.6 | 9527.0  | 10093.2 |
| 2857.2 | 45°   | 2904.4 | 2994.2 | 3095.1 | 3434.9 | 3774.7 | 5264.3 | 6754.2 | 8561.0 | 10367.8 | 11131.5 |
| 2702.9 | 47.5° | 2742.4 | 2819.7 | 2949.8 | 3252.3 | 3554.7 | 5179.2 | 6803.6 | 9047.2 | 11290.9 | 12365.9 |
| 2564.7 | 50°   | 2599.8 | 2689.6 | 2860.7 | 3131.0 | 3401.4 | 5086.4 | 6771.3 | 9498.4 | 12225.5 | 13846.1 |
| 2458.7 | 52.5° | 2493.4 | 2618.9 | 2815.7 | 3051.1 | 3286.8 | 4929.6 | 6572.6 | 9791.4 | 13010.0 | 15400.9 |
| 2382.1 | 55°   | 2436.9 | 2626.0 | 2809.0 | 2993.2 | 3177.4 | 4669.7 | 6162.0 | 9726.8 | 13291.4 | 16779.4 |
| 2323.1 | 57.5° | 2403.0 | 2633.1 | 2794.5 | 2924.6 | 3054.8 | 4303.3 | 5551.6 | 9272.4 | 12993.4 | 17756.3 |
| 2267.7 | 60°   | 2371.2 | 2610.9 | 2717.4 | 2819.7 | 2922.0 | 3827.5 | 4733.1 | 8426.8 | 12120.6 | 18000.5 |
| 2204.5 | 62.5° | 2334.0 | 2556.4 | 2569.5 | 2637.3 | 2705.3 | 3258.1 | 3811.0 | 7283.4 | 10755.8 | 16972.5 |
| 2118.2 | 65°   | 2255.8 | 2425.2 | 2423.6 | 2455.7 | 2487.8 | 2745.9 | 3003.9 | 6116.8 | 9229.8  | 15517.9 |
| 2001.5 | 67.5° | 2116.1 | 2211.4 | 2215.8 | 2198.1 | 2180.1 | 2253.5 | 2326.8 | 4974.0 | 7621.2  | 13787.0 |
| 1857.5 | 70°   | 1939.0 | 1970.3 | 1970.3 | 1887.3 | 1804.2 | 1783.4 | 1762.4 | 3916.3 | 6070.2  | 11898.2 |
| 1685.8 | 72.5° | 1741.7 | 1741.3 | 1721.5 | 1603.8 | 1486.0 | 1422.7 | 1359.5 | 2994.0 | 4628.5  | 9850.7  |
| 1474.7 | 75°   | 1517.7 | 1525.4 | 1434.2 | 1302.2 | 1170.3 | 1112.9 | 1055.6 | 2173.0 | 3290.4  | 7503.5  |
| 1258.8 | 77.5° | 1293.3 | 1297.4 | 1147.0 | 1018.9 | 890.8  | 851.7  | 812.7  | 1472.5 | 2132.3  | 5251.8  |
| 1008.6 | 80°   | 1037.5 | 1038.1 | 858.5  | 750.2  | 641.6  | 625.5  | 609.3  | 948.7  | 1288.3  | 3383.6  |
| 749.0  | 82.5° | 763.1  | 754.6  | 601.3  | 521.4  | 441.5  | 438.2  | 435.4  | 583.5  | 732.0   | 1958.4  |
| 487.3  | 85°   | 502.4  | 491.3  | 377.3  | 318.8  | 260.3  | 261.9  | 263.3  | 311.9  | 360.8   | 880.9   |
| 215.9  | 87.5° | 221.9  | 207.8  | 160.4  | 136.4  | 112.6  | 114.0  | 115.4  | 129.3  | 143.3   | 288.5   |
| 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°    |
|---------|-------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 5258.1  | 0°    | 5258.1  | 5258.1  | 5258.1  | 5258.1  | 5258.1  | 5258.1  | 5258.1  | 5258.1  | 5258.1  | 5258.1  |
| 5654.5  | 2.5°  | 5675.9  | 5697.5  | 5728.0  | 5758.4  | 5776.6  | 5794.8  | 5803.8  | 5812.9  | 5808.9  | 5812.9  |
| 6080.3  | 5°    | 6155.1  | 6230.2  | 6304.4  | 6378.9  | 6419.2  | 6459.6  | 6484.0  | 6508.6  | 6527.2  | 6508.6  |
| 6508.0  | 7.5°  | 6629.9  | 6751.5  | 6861.1  | 6970.7  | 7036.6  | 7102.6  | 7138.3  | 7173.8  | 7191.0  | 7173.8  |
| 6835.9  | 10°   | 6979.9  | 7124.0  | 7252.5  | 7381.0  | 7458.9  | 7536.4  | 7571.1  | 7605.6  | 7618.7  | 7605.6  |
| 7036.6  | 12.5° | 7192.8  | 7348.8  | 7465.0  | 7580.8  | 7637.3  | 7693.8  | 7712.8  | 7731.7  | 7733.7  | 7731.7  |
| 7158.7  | 15°   | 7293.5  | 7428.1  | 7500.9  | 7573.9  | 7576.0  | 7578.0  | 7557.8  | 7537.6  | 7513.8  | 7537.6  |
| 7227.3  | 17.5° | 7318.3  | 7409.3  | 7410.7  | 7411.9  | 7330.2  | 7248.5  | 7173.6  | 7098.6  | 7045.7  | 7098.6  |
| 7303.0  | 20°   | 7334.6  | 7366.5  | 7270.7  | 7174.8  | 6994.5  | 6814.1  | 6682.7  | 6551.4  | 6470.7  | 6551.4  |
| 7390.7  | 22.5° | 7349.2  | 7307.6  | 7109.1  | 6910.5  | 6645.2  | 6379.9  | 6215.6  | 6051.4  | 5962.2  | 6051.4  |
| 7503.7  | 25°   | 7372.6  | 7241.4  | 6940.0  | 6638.5  | 6316.3  | 5994.1  | 5821.4  | 5649.1  | 5564.7  | 5649.1  |
| 7657.1  | 27.5° | 7422.6  | 7188.0  | 6788.7  | 6389.6  | 6032.4  | 5675.3  | 5505.4  | 5335.7  | 5256.0  | 5335.7  |
| 7863.9  | 30°   | 7514.2  | 7164.8  | 6673.2  | 6181.7  | 5809.7  | 5437.6  | 5280.0  | 5122.5  | 5048.2  | 5122.5  |
| 8108.0  | 32.5° | 7629.2  | 7150.6  | 6594.6  | 6038.5  | 5688.8  | 5339.2  | 5215.5  | 5091.6  | 5038.1  | 5091.6  |
| 8404.6  | 35°   | 7818.7  | 7233.0  | 6653.5  | 6074.2  | 5831.3  | 5588.5  | 5559.7  | 5530.8  | 5526.4  | 5530.8  |
| 8904.0  | 37.5° | 8214.8  | 7525.5  | 6998.9  | 6472.3  | 6456.6  | 6440.8  | 6572.8  | 6704.7  | 6773.3  | 6704.7  |
| 9658.6  | 40°   | 8909.0  | 8159.5  | 7767.8  | 7376.2  | 7652.6  | 7929.0  | 8249.9  | 8570.7  | 8730.5  | 8570.7  |
| 10659.4 | 42.5° | 9915.6  | 9171.9  | 8946.4  | 8720.8  | 9323.7  | 9926.5  | 10510.1 | 11093.6 | 11436.2 | 11093.6 |
| 11895.2 | 45°   | 11227.1 | 10558.9 | 10459.4 | 10359.7 | 11325.6 | 12291.7 | 13250.5 | 14209.5 | 14791.6 | 14209.5 |
| 13440.7 | 47.5° | 12790.8 | 12140.7 | 12120.6 | 12100.4 | 13493.8 | 14886.8 | 16290.5 | 17694.0 | 18518.2 | 17694.0 |
| 15466.5 | 50°   | 14663.6 | 13861.0 | 13864.4 | 13867.9 | 15663.6 | 17459.3 | 19312.2 | 21165.0 | 22285.2 | 21165.0 |
| 17791.8 | 52.5° | 16819.7 | 15847.8 | 15749.5 | 15651.1 | 17796.1 | 19941.1 | 22233.5 | 24525.8 | 25868.6 | 24525.8 |
| 20267.5 | 55°   | 19307.1 | 18346.7 | 17963.5 | 17580.4 | 19967.7 | 22354.8 | 25087.7 | 27820.7 | 29417.7 | 27820.7 |
| 22519.2 | 57.5° | 21996.3 | 21473.1 | 20704.5 | 19936.2 | 22346.7 | 24757.2 | 27852.8 | 30948.1 | 32928.4 | 30948.1 |
| 23880.2 | 60°   | 24692.5 | 25505.0 | 24550.6 | 23596.3 | 25877.5 | 28158.6 | 31472.9 | 34787.1 | 36927.4 | 34787.1 |
| 23189.1 | 62.5° | 25408.8 | 27628.4 | 27520.9 | 27413.1 | 29502.8 | 31592.7 | 34745.9 | 37898.9 | 39877.3 | 37898.9 |
| 21806.0 | 65°   | 23889.2 | 25972.5 | 26384.7 | 26796.7 | 29452.4 | 32108.2 | 35165.8 | 38223.2 | 39907.5 | 38223.2 |
| 19952.8 | 67.5° | 21934.1 | 23915.5 | 24108.8 | 24301.9 | 27068.9 | 29835.7 | 32906.4 | 35977.1 | 37296.7 | 35977.1 |
| 17726.3 | 70°   | 19881.3 | 22036.6 | 22123.0 | 22209.5 | 24684.0 | 27158.3 | 29800.8 | 32443.2 | 33176.6 | 32443.2 |
| 15073.0 | 72.5° | 17546.1 | 20019.3 | 20081.5 | 20143.4 | 22079.4 | 24015.3 | 25994.5 | 27973.4 | 28047.7 | 27973.4 |
| 11716.6 | 75°   | 14276.2 | 16835.9 | 17065.7 | 17295.5 | 18801.7 | 20307.9 | 21701.1 | 23094.3 | 22721.0 | 23094.3 |
| 8371.3  | 77.5° | 10760.7 | 13150.2 | 13479.1 | 13807.9 | 14953.0 | 16098.0 | 17086.1 | 18074.3 | 17432.7 | 18074.3 |
| 5479.0  | 80°   | 7489.2  | 9499.2  | 9908.0  | 10316.8 | 11181.5 | 12045.9 | 12564.9 | 13083.6 | 12051.6 | 13083.6 |
| 3184.9  | 82.5° | 4559.1  | 5933.6  | 6390.2  | 6847.0  | 7442.2  | 8037.4  | 8253.9  | 8470.2  | 7659.1  | 8470.2  |
| 1401.3  | 85°   | 2130.7  | 2860.1  | 3248.5  | 3636.9  | 4125.9  | 4614.8  | 4737.7  | 4860.6  | 4210.9  | 4860.6  |
| 433.8   | 87.5° | 678.9   | 924.1   | 1140.8  | 1357.5  | 1602.0  | 1846.6  | 1857.1  | 1867.4  | 1567.7  | 1867.4  |
| 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):**

| 325°    |       | 330°    | 335°    | 340°    | 345°    | 350°    | 355°    | 360°    |
|---------|-------|---------|---------|---------|---------|---------|---------|---------|
| 5258.1  | 0°    | 5258.1  | 5258.1  | 5258.1  | 5258.1  | 5258.1  | 5258.1  | 5258.1  |
| 5803.8  | 2.5°  | 5794.8  | 5776.6  | 5758.4  | 5728.0  | 5697.5  | 5675.9  | 5654.5  |
| 6484.0  | 5°    | 6459.6  | 6419.2  | 6378.9  | 6304.4  | 6230.2  | 6155.1  | 6080.3  |
| 7138.3  | 7.5°  | 7102.6  | 7036.6  | 6970.7  | 6861.1  | 6751.5  | 6629.9  | 6508.0  |
| 7571.1  | 10°   | 7536.4  | 7458.9  | 7381.0  | 7252.5  | 7124.0  | 6979.9  | 6835.9  |
| 7712.8  | 12.5° | 7693.8  | 7637.3  | 7580.8  | 7465.0  | 7348.8  | 7192.8  | 7036.6  |
| 7557.8  | 15°   | 7578.0  | 7576.0  | 7573.9  | 7500.9  | 7428.1  | 7293.5  | 7158.7  |
| 7173.6  | 17.5° | 7248.5  | 7330.2  | 7411.9  | 7410.7  | 7409.3  | 7318.3  | 7227.3  |
| 6682.7  | 20°   | 6814.1  | 6994.5  | 7174.8  | 7270.7  | 7366.5  | 7334.6  | 7303.0  |
| 6215.6  | 22.5° | 6379.9  | 6645.2  | 6910.5  | 7109.1  | 7307.6  | 7349.2  | 7390.7  |
| 5821.4  | 25°   | 5994.1  | 6316.3  | 6638.5  | 6940.0  | 7241.4  | 7372.6  | 7503.7  |
| 5505.4  | 27.5° | 5675.3  | 6032.4  | 6389.6  | 6788.7  | 7188.0  | 7422.6  | 7657.1  |
| 5280.0  | 30°   | 5437.6  | 5809.7  | 6181.7  | 6673.2  | 7164.8  | 7514.2  | 7863.9  |
| 5215.5  | 32.5° | 5339.2  | 5688.8  | 6038.5  | 6594.6  | 7150.6  | 7629.2  | 8108.0  |
| 5559.7  | 35°   | 5588.5  | 5831.3  | 6074.2  | 6653.5  | 7233.0  | 7818.7  | 8404.6  |
| 6572.8  | 37.5° | 6440.8  | 6456.6  | 6472.3  | 6998.9  | 7525.5  | 8214.8  | 8904.0  |
| 8249.9  | 40°   | 7929.0  | 7652.6  | 7376.2  | 7767.8  | 8159.5  | 8909.0  | 9658.6  |
| 10510.1 | 42.5° | 9926.5  | 9323.7  | 8720.8  | 8946.4  | 9171.9  | 9915.6  | 10659.4 |
| 13250.5 | 45°   | 12291.7 | 11325.6 | 10359.7 | 10459.4 | 10558.9 | 11227.1 | 11895.2 |
| 16290.5 | 47.5° | 14886.8 | 13493.8 | 12100.4 | 12120.6 | 12140.7 | 12790.8 | 13440.7 |
| 19312.2 | 50°   | 17459.3 | 15663.6 | 13867.9 | 13864.4 | 13861.0 | 14663.6 | 15466.5 |
| 22233.5 | 52.5° | 19941.1 | 17796.1 | 15651.1 | 15749.5 | 15847.8 | 16819.7 | 17791.8 |
| 25087.7 | 55°   | 22354.8 | 19967.7 | 17580.4 | 17963.5 | 18346.7 | 19307.1 | 20267.5 |
| 27852.8 | 57.5° | 24757.2 | 22346.7 | 19936.2 | 20704.5 | 21473.1 | 21996.3 | 22519.2 |
| 31472.9 | 60°   | 28158.6 | 25877.5 | 23596.3 | 24550.6 | 25505.0 | 24692.5 | 23880.2 |
| 34745.9 | 62.5° | 31592.7 | 29502.8 | 27413.1 | 27520.9 | 27628.4 | 25408.8 | 23189.1 |
| 35165.8 | 65°   | 32108.2 | 29452.4 | 26796.7 | 26384.7 | 25972.5 | 23889.2 | 21806.0 |
| 32906.4 | 67.5° | 29835.7 | 27068.9 | 24301.9 | 24108.8 | 23915.5 | 21934.1 | 19952.8 |
| 29800.8 | 70°   | 27158.3 | 24684.0 | 22209.5 | 22123.0 | 22036.6 | 19881.3 | 17726.3 |
| 25994.5 | 72.5° | 24015.3 | 22079.4 | 20143.4 | 20081.5 | 20019.3 | 17546.1 | 15073.0 |
| 21701.1 | 75°   | 20307.9 | 18801.7 | 17295.5 | 17065.7 | 16835.9 | 14276.2 | 11716.6 |
| 17086.1 | 77.5° | 16098.0 | 14953.0 | 13807.9 | 13479.1 | 13150.2 | 10760.7 | 8371.3  |
| 12564.9 | 80°   | 12045.9 | 11181.5 | 10316.8 | 9908.0  | 9499.2  | 7489.2  | 5479.0  |
| 8253.9  | 82.5° | 8037.4  | 7442.2  | 6847.0  | 6390.2  | 5933.6  | 4559.1  | 3184.9  |
| 4737.7  | 85°   | 4614.8  | 4125.9  | 3636.9  | 3248.5  | 2860.1  | 2130.7  | 1401.3  |
| 1857.1  | 87.5° | 1846.6  | 1602.0  | 1357.5  | 1140.8  | 924.1   | 678.9   | 433.8   |
| 0.0     | 90°   | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |

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