

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: P956936

Luminaire Tested: **GALN-SB9B-940-U-SLL**

Issue Date: 1/21/2025

**Test Information**

Test Method: LM-79-08  
Report Number: P956936  
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-SB9B-940-U-SLL  
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE  
(9) 90 CRI, 4000K, 450mA LIGHTSQUARES WITH 26 LEDS EACH AND SPILL LIGHT  
ELIMINATOR LEFT OPTICS  
Light Source: -  
Ballast/Driver: -

**Summary**

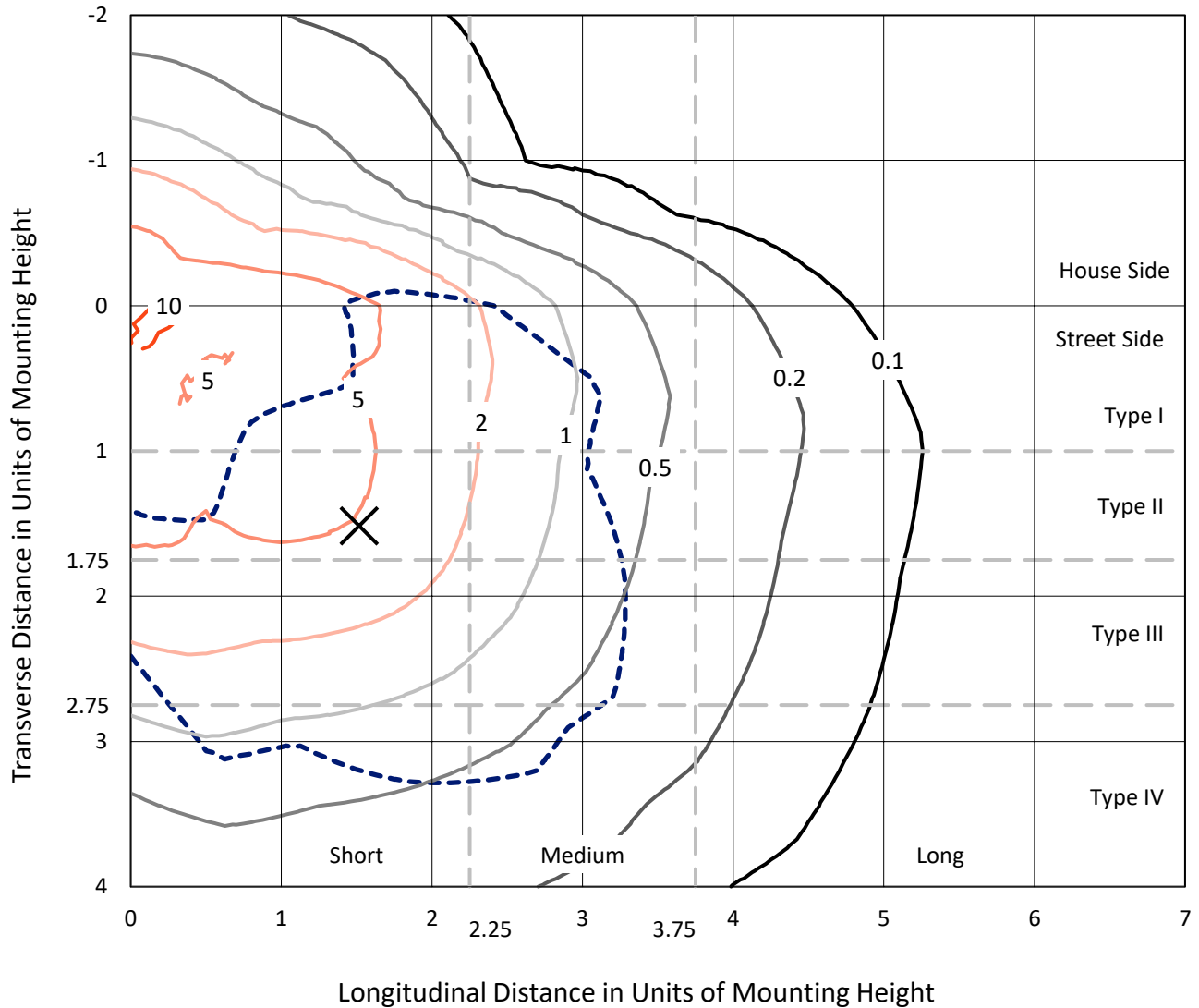
Lumens per Lamp: N/A  
Luminaire Lumens: 37033 lumens  
Efficiency: N/A  
Efficacy: 112.4 lumens/watt  
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')  
IES Classification: Type IV - Short  
BUG Rating: B4 - U0 - G5  
  
Input Watts (W): 329.5  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT



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### Iso-Footcandle Lines of Horizontal Illumination

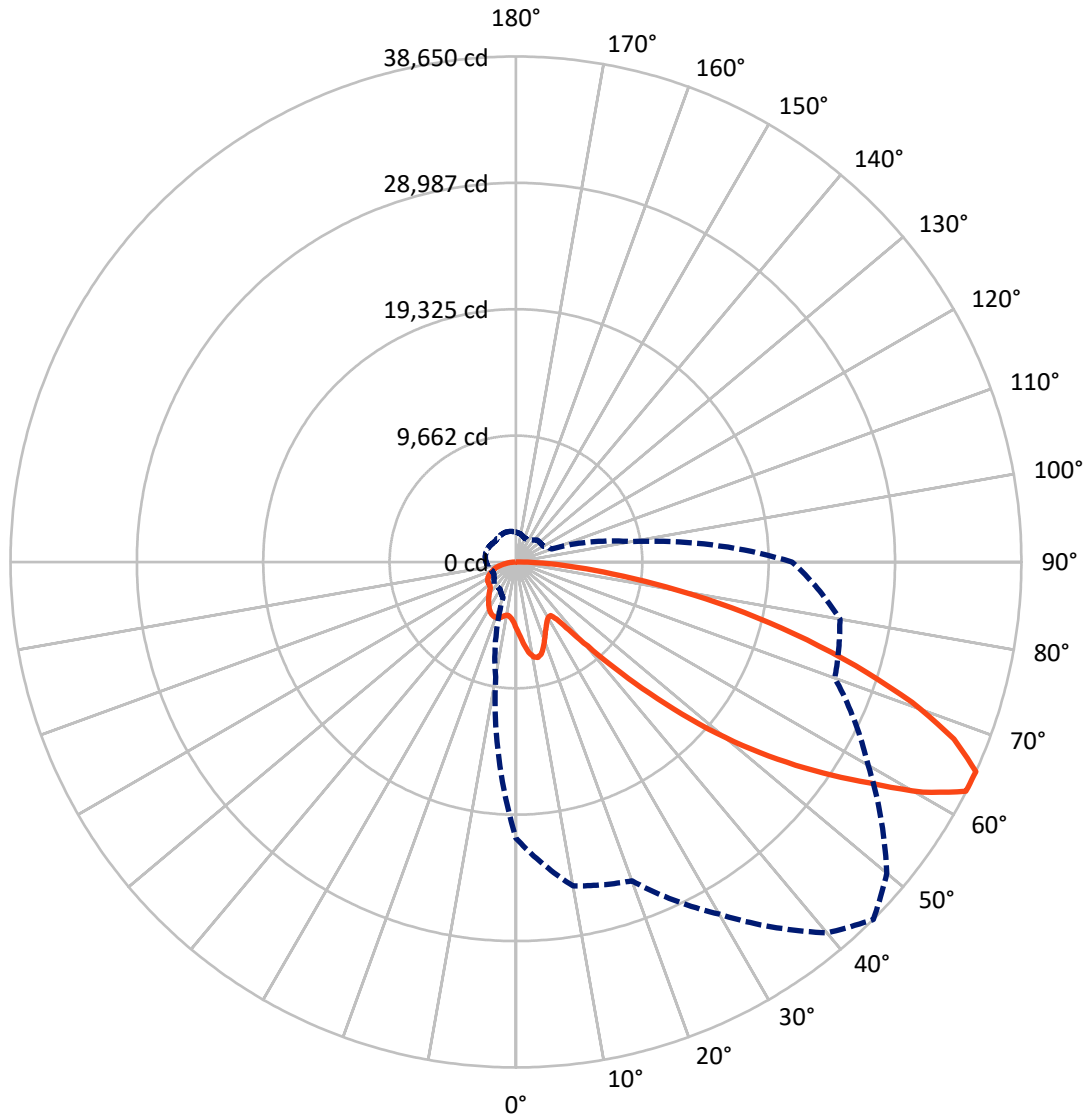
✕ Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 11.3 fc  
 Type IV - Short - N/A

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### Luminous Intensity Polar Plot



— Vertical Plane Through 45-Deg Lateral      - - - Horizontal Cone Through 65-Deg Vertical

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**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total   |
|--------------------|-----------|----------|--------|---------|
| <b>House Side</b>  | Lumens    | 9411.9   | 0.0    | 9411.9  |
|                    | % Fixture | 25.4     | 0.0    | 25.4    |
| <b>Street Side</b> | Lumens    | 27621.1  | 0.0    | 27621.1 |
|                    | % Fixture | 74.6     | 0.0    | 74.6    |
| <b>Total</b>       | Lumens    | 37033.0  | 0.0    | 37033.0 |
|                    | % Fixture | 100.0    | 0.0    | 100.0   |

**Coefficient of Utilization**

**ZONAL LUMENS:**

| Zone      | Lumens  | % Fixture |
|-----------|---------|-----------|
| 0°-10°    | 505.2   | 1.4       |
| 10°-20°   | 1585.8  | 4.3       |
| 20°-30°   | 2449.5  | 6.6       |
| 30°-40°   | 3104.1  | 8.4       |
| 40°-50°   | 4681.8  | 12.6      |
| 50°-60°   | 7564.2  | 20.4      |
| 60°-70°   | 9429.9  | 25.5      |
| 70°-80°   | 6183.7  | 16.7      |
| 80°-90°   | 1528.8  | 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°    | 37033.0 | 100.0     |
| 0°-180°   | 37033.0 | 100.0     |



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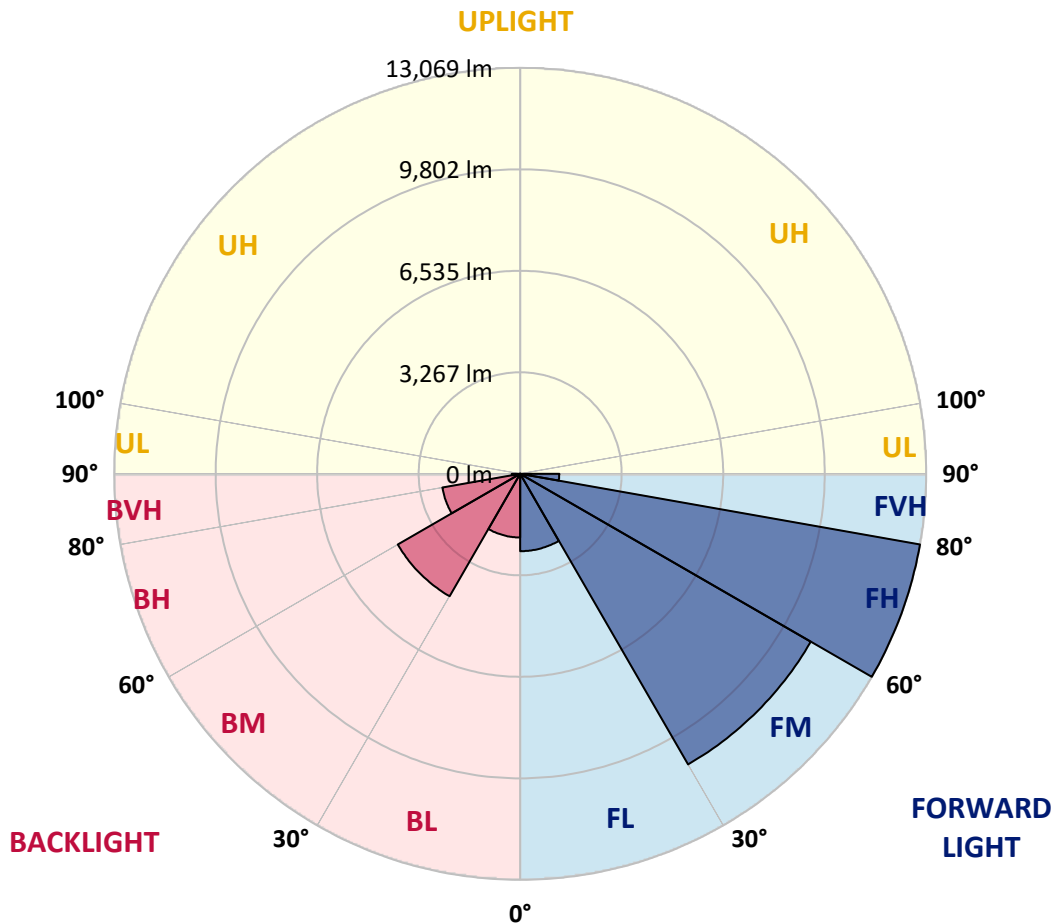
CATALOG NUMBER: GALN-SB9B-940-U-SLL

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

| Zone           | Lumens  | % Fixture | Zone Rating/Lumen Limit |      |         |
|----------------|---------|-----------|-------------------------|------|---------|
|                |         |           | B                       | U    | G       |
| FL (0°-30°)    | 2490.9  | 6.7       |                         |      |         |
| FM (30°-60°)   | 10801.7 | 29.2      |                         |      |         |
| FH (60°-80°)   | 13069.1 | 35.3      |                         |      | G5      |
| FVH (80°-90°)  | 1259.4  | 3.4       |                         |      | G5      |
| BL (0°-30°)    | 2049.6  | 5.5       | B3/2500                 |      |         |
| BM (30°-60°)   | 4548.4  | 12.3      | B3/5000                 |      |         |
| BH (60°-80°)   | 2544.6  | 6.9       | B4/5000                 |      | G4/5000 |
| BVH (80°-90°)  | 269.4   | 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°    | 5092.4  | 5092.4  | 5092.4  | 5092.4  | 5092.4  | 5092.4  | 5092.4  | 5092.4  | 5092.4  | 5092.4  |
| 2.5°  | 5476.3  | 5497.0  | 5518.0  | 5547.5  | 5577.0  | 5594.6  | 5612.1  | 5620.9  | 5629.7  | 5625.8  |
| 5°    | 5888.6  | 5961.1  | 6033.8  | 6105.7  | 6177.9  | 6216.9  | 6256.0  | 6279.7  | 6303.5  | 6321.5  |
| 7.5°  | 6302.9  | 6420.9  | 6538.8  | 6644.9  | 6751.0  | 6814.9  | 6878.8  | 6913.4  | 6947.8  | 6964.4  |
| 10°   | 6620.5  | 6760.0  | 6899.5  | 7024.0  | 7148.4  | 7223.9  | 7298.9  | 7332.5  | 7365.9  | 7378.6  |
| 12.5° | 6814.9  | 6966.1  | 7117.2  | 7229.7  | 7341.9  | 7396.6  | 7451.3  | 7469.7  | 7488.1  | 7490.0  |
| 15°   | 6933.1  | 7063.6  | 7194.0  | 7264.5  | 7335.3  | 7337.2  | 7339.2  | 7319.6  | 7300.1  | 7277.0  |
| 17.5° | 6999.5  | 7087.7  | 7175.8  | 7177.2  | 7178.3  | 7099.2  | 7020.1  | 6947.6  | 6874.9  | 6823.7  |
| 20°   | 7072.8  | 7103.5  | 7134.4  | 7041.6  | 6948.7  | 6774.0  | 6599.4  | 6472.1  | 6344.9  | 6266.8  |
| 22.5° | 7157.8  | 7117.6  | 7077.3  | 6885.0  | 6692.8  | 6435.8  | 6178.8  | 6019.8  | 5860.7  | 5774.3  |
| 25°   | 7267.3  | 7140.2  | 7013.2  | 6721.3  | 6429.3  | 6117.3  | 5805.2  | 5637.9  | 5471.1  | 5389.4  |
| 27.5° | 7415.8  | 7188.7  | 6961.4  | 6574.7  | 6188.2  | 5842.3  | 5496.5  | 5331.9  | 5167.6  | 5090.4  |
| 30°   | 7616.1  | 7277.4  | 6939.0  | 6463.0  | 5986.9  | 5626.6  | 5266.3  | 5113.7  | 4961.0  | 4889.1  |
| 32.5° | 7852.5  | 7388.8  | 6925.3  | 6386.7  | 5848.2  | 5509.6  | 5170.9  | 5051.1  | 4931.1  | 4879.4  |
| 35°   | 8139.8  | 7572.3  | 7005.0  | 6443.8  | 5882.8  | 5647.5  | 5412.4  | 5384.5  | 5356.5  | 5352.3  |
| 37.5° | 8623.4  | 7955.9  | 7288.4  | 6778.3  | 6268.3  | 6253.1  | 6237.8  | 6365.6  | 6493.4  | 6559.9  |
| 40°   | 9354.2  | 8628.3  | 7902.3  | 7523.0  | 7143.8  | 7411.5  | 7679.2  | 7989.9  | 8300.6  | 8455.3  |
| 42.5° | 10323.5 | 9603.2  | 8882.9  | 8664.4  | 8446.0  | 9029.8  | 9613.7  | 10178.9 | 10744.0 | 11075.8 |
| 45°   | 11520.3 | 10873.3 | 10226.1 | 10129.8 | 10033.3 | 10968.7 | 11904.3 | 12832.9 | 13761.7 | 14325.4 |
| 47.5° | 13017.2 | 12387.8 | 11758.1 | 11738.6 | 11719.1 | 13068.6 | 14417.7 | 15777.1 | 17136.4 | 17934.6 |
| 50°   | 14979.1 | 14201.5 | 13424.2 | 13427.5 | 13430.8 | 15170.0 | 16909.1 | 18703.6 | 20498.0 | 21582.9 |
| 52.5° | 17231.2 | 16289.7 | 15348.4 | 15253.2 | 15157.9 | 17235.3 | 19312.7 | 21532.9 | 23752.9 | 25053.4 |
| 55°   | 19628.8 | 18698.7 | 17768.5 | 17397.5 | 17026.4 | 19338.4 | 21650.3 | 24297.1 | 26944.0 | 28490.6 |
| 57.5° | 21809.6 | 21303.1 | 20796.4 | 20052.1 | 19308.0 | 21642.5 | 23977.1 | 26975.0 | 29972.8 | 31890.7 |
| 60°   | 23127.6 | 23914.3 | 24701.3 | 23777.0 | 22852.7 | 25062.0 | 27271.3 | 30481.1 | 33690.8 | 35763.7 |
| 62.5° | 22458.3 | 24608.0 | 26757.7 | 26653.6 | 26549.2 | 28573.1 | 30597.1 | 33651.0 | 36704.6 | 38620.6 |
| 65°   | 21118.8 | 23136.4 | 25154.0 | 25553.2 | 25952.3 | 28524.2 | 31096.4 | 34057.6 | 37018.7 | 38649.9 |
| 67.5° | 19324.0 | 21242.9 | 23161.8 | 23349.0 | 23536.0 | 26215.9 | 28895.5 | 31869.4 | 34843.4 | 36121.3 |
| 70°   | 17167.7 | 19254.8 | 21342.2 | 21425.8 | 21509.6 | 23906.1 | 26302.4 | 28861.7 | 31420.8 | 32131.1 |
| 72.5° | 14598.0 | 16993.2 | 19388.5 | 19448.7 | 19508.6 | 21383.6 | 23258.5 | 25175.3 | 27091.9 | 27163.8 |
| 75°   | 11347.4 | 13826.4 | 16305.3 | 16527.9 | 16750.5 | 18209.2 | 19667.9 | 21017.2 | 22366.5 | 22005.0 |
| 77.5° | 8107.5  | 10421.5 | 12735.8 | 13054.3 | 13372.8 | 14481.8 | 15590.7 | 16547.6 | 17504.7 | 16883.3 |
| 80°   | 5306.3  | 7253.2  | 9199.9  | 9595.8  | 9991.6  | 10829.2 | 11666.3 | 12168.9 | 12671.3 | 11671.8 |
| 82.5° | 3084.5  | 4415.5  | 5746.6  | 6188.8  | 6631.2  | 7207.7  | 7784.1  | 7993.8  | 8203.3  | 7417.7  |
| 85°   | 1357.1  | 2063.5  | 2769.9  | 3146.1  | 3522.2  | 3995.9  | 4469.4  | 4588.4  | 4707.4  | 4078.2  |
| 87.5° | 420.1   | 657.6   | 895.0   | 1104.8  | 1314.7  | 1551.5  | 1788.4  | 1798.5  | 1808.5  | 1518.3  |
| 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°    |
|---------|-------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 5092.4  | 0°    | 5092.4  | 5092.4  | 5092.4  | 5092.4  | 5092.4  | 5092.4  | 5092.4  | 5092.4  | 5092.4  | 5092.4  |
| 5629.7  | 2.5°  | 5620.9  | 5612.1  | 5594.6  | 5577.0  | 5547.5  | 5518.0  | 5497.0  | 5476.3  | 5434.3  | 5392.3  |
| 6303.5  | 5°    | 6279.7  | 6256.0  | 6216.9  | 6177.9  | 6105.7  | 6033.8  | 5961.1  | 5888.6  | 5795.8  | 5703.0  |
| 6947.8  | 7.5°  | 6913.4  | 6878.8  | 6814.9  | 6751.0  | 6644.9  | 6538.8  | 6420.9  | 6302.9  | 6149.7  | 5996.7  |
| 7365.9  | 10°   | 7332.5  | 7298.9  | 7223.9  | 7148.4  | 7024.0  | 6899.5  | 6760.0  | 6620.5  | 6426.8  | 6233.2  |
| 7488.1  | 12.5° | 7469.7  | 7451.3  | 7396.6  | 7341.9  | 7229.7  | 7117.2  | 6966.1  | 6814.9  | 6602.1  | 6389.5  |
| 7300.1  | 15°   | 7319.6  | 7339.2  | 7337.2  | 7335.3  | 7264.5  | 7194.0  | 7063.6  | 6933.1  | 6711.3  | 6489.5  |
| 6874.9  | 17.5° | 6947.6  | 7020.1  | 7099.2  | 7178.3  | 7177.2  | 7175.8  | 7087.7  | 6999.5  | 6774.6  | 6549.7  |
| 6344.9  | 20°   | 6472.1  | 6599.4  | 6774.0  | 6948.7  | 7041.6  | 7134.4  | 7103.5  | 7072.8  | 6839.1  | 6605.2  |
| 5860.7  | 22.5° | 6019.8  | 6178.8  | 6435.8  | 6692.8  | 6885.0  | 7077.3  | 7117.6  | 7157.8  | 6919.0  | 6680.1  |
| 5471.1  | 25°   | 5637.9  | 5805.2  | 6117.3  | 6429.3  | 6721.3  | 7013.2  | 7140.2  | 7267.3  | 7033.2  | 6799.3  |
| 5167.6  | 27.5° | 5331.9  | 5496.5  | 5842.3  | 6188.2  | 6574.7  | 6961.4  | 7188.7  | 7415.8  | 7192.6  | 6969.3  |
| 4961.0  | 30°   | 5113.7  | 5266.3  | 5626.6  | 5986.9  | 6463.0  | 6939.0  | 7277.4  | 7616.1  | 7400.3  | 7184.8  |
| 4931.1  | 32.5° | 5051.1  | 5170.9  | 5509.6  | 5848.2  | 6386.7  | 6925.3  | 7388.8  | 7852.5  | 7638.9  | 7425.5  |
| 5356.5  | 35°   | 5384.5  | 5412.4  | 5647.5  | 5882.8  | 6443.8  | 7005.0  | 7572.3  | 8139.8  | 7935.4  | 7730.8  |
| 6493.4  | 37.5° | 6365.6  | 6237.8  | 6253.1  | 6268.3  | 6778.3  | 7288.4  | 7955.9  | 8623.4  | 8362.7  | 8102.0  |
| 8300.6  | 40°   | 7989.9  | 7679.2  | 7411.5  | 7143.8  | 7523.0  | 7902.3  | 8628.3  | 9354.2  | 8974.4  | 8594.5  |
| 10744.0 | 42.5° | 10178.9 | 9613.7  | 9029.8  | 8446.0  | 8664.4  | 8882.9  | 9603.2  | 10323.5 | 9775.1  | 9226.8  |
| 13761.7 | 45°   | 12832.9 | 11904.3 | 10968.7 | 10033.3 | 10129.8 | 10226.1 | 10873.3 | 11520.3 | 10780.7 | 10041.1 |
| 17136.4 | 47.5° | 15777.1 | 14417.7 | 13068.6 | 11719.1 | 11738.6 | 11758.1 | 12387.8 | 13017.2 | 11976.2 | 10935.1 |
| 20498.0 | 50°   | 18703.6 | 16909.1 | 15170.0 | 13430.8 | 13427.5 | 13424.2 | 14201.5 | 14979.1 | 13409.7 | 11840.2 |
| 23752.9 | 52.5° | 21532.9 | 19312.7 | 17235.3 | 15157.9 | 15253.2 | 15348.4 | 16289.7 | 17231.2 | 14915.6 | 12600.0 |
| 26944.0 | 55°   | 24297.1 | 21650.3 | 19338.4 | 17026.4 | 17397.5 | 17768.5 | 18698.7 | 19628.8 | 16250.6 | 12872.6 |
| 29972.8 | 57.5° | 26975.0 | 23977.1 | 21642.5 | 19308.0 | 20052.1 | 20796.4 | 21303.1 | 21809.6 | 17196.8 | 12583.9 |
| 33690.8 | 60°   | 30481.1 | 27271.3 | 25062.0 | 22852.7 | 23777.0 | 24701.3 | 23914.3 | 23127.6 | 17433.2 | 11738.6 |
| 36704.6 | 62.5° | 33651.0 | 30597.1 | 28573.1 | 26549.2 | 26653.6 | 26757.7 | 24608.0 | 22458.3 | 16437.6 | 10416.9 |
| 37018.7 | 65°   | 34057.6 | 31096.4 | 28524.2 | 25952.3 | 25553.2 | 25154.0 | 23136.4 | 21118.8 | 15028.9 | 8939.0  |
| 34843.4 | 67.5° | 31869.4 | 28895.5 | 26215.9 | 23536.0 | 23349.0 | 23161.8 | 21242.9 | 19324.0 | 13352.5 | 7381.0  |
| 31420.8 | 70°   | 28861.7 | 26302.4 | 23906.1 | 21509.6 | 21425.8 | 21342.2 | 19254.8 | 17167.7 | 11523.3 | 5878.9  |
| 27091.9 | 72.5° | 25175.3 | 23258.5 | 21383.6 | 19508.6 | 19448.7 | 19388.5 | 16993.2 | 14598.0 | 9540.3  | 4482.7  |
| 22366.5 | 75°   | 21017.2 | 19667.9 | 18209.2 | 16750.5 | 16527.9 | 16305.3 | 13826.4 | 11347.4 | 7267.1  | 3186.7  |
| 17504.7 | 77.5° | 16547.6 | 15590.7 | 14481.8 | 13372.8 | 13054.3 | 12735.8 | 10421.5 | 8107.5  | 5086.3  | 2065.1  |
| 12671.3 | 80°   | 12168.9 | 11666.3 | 10829.2 | 9991.6  | 9595.8  | 9199.9  | 7253.2  | 5306.3  | 3277.0  | 1247.7  |
| 8203.3  | 82.5° | 7993.8  | 7784.1  | 7207.7  | 6631.2  | 6188.8  | 5746.6  | 4415.5  | 3084.5  | 1896.6  | 708.9   |
| 4707.4  | 85°   | 4588.4  | 4469.4  | 3995.9  | 3522.2  | 3146.1  | 2769.9  | 2063.5  | 1357.1  | 853.2   | 349.4   |
| 1808.5  | 87.5° | 1798.5  | 1788.4  | 1551.5  | 1314.7  | 1104.8  | 895.0   | 657.6   | 420.1   | 279.4   | 138.7   |
| 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):**

| 105°   |       | 110°   | 115°   | 120°   | 125°   | 130°   | 135°   | 140°   | 145°   | 150°   | 155°   |
|--------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 5092.4 | 0°    | 5092.4 | 5092.4 | 5092.4 | 5092.4 | 5092.4 | 5092.4 | 5092.4 | 5092.4 | 5092.4 | 5092.4 |
| 5347.6 | 2.5°  | 5303.0 | 5258.1 | 5213.1 | 5170.1 | 5127.1 | 5085.5 | 5039.2 | 5001.7 | 4964.4 | 4930.6 |
| 5610.4 | 5°    | 5518.0 | 5424.7 | 5331.7 | 5244.8 | 5157.8 | 5075.7 | 4994.7 | 4923.9 | 4853.0 | 4793.6 |
| 5855.2 | 7.5°  | 5713.8 | 5576.0 | 5438.2 | 5316.9 | 5195.5 | 5083.6 | 4978.6 | 4884.4 | 4790.4 | 4712.3 |
| 6046.1 | 10°   | 5859.3 | 5692.1 | 5524.6 | 5381.2 | 5237.3 | 5099.2 | 4986.4 | 4887.2 | 4787.9 | 4709.7 |
| 6177.7 | 12.5° | 5965.8 | 5768.5 | 5571.1 | 5408.7 | 5246.3 | 5101.1 | 4996.2 | 4914.9 | 4834.0 | 4782.0 |
| 6259.7 | 15°   | 6029.9 | 5802.7 | 5575.4 | 5387.4 | 5199.4 | 5038.6 | 4954.6 | 4915.7 | 4877.0 | 4884.1 |
| 6299.0 | 17.5° | 6048.3 | 5784.5 | 5520.7 | 5294.6 | 5068.5 | 4879.4 | 4827.6 | 4841.8 | 4855.9 | 4941.1 |
| 6329.7 | 20°   | 6054.2 | 5734.5 | 5414.8 | 5134.6 | 4854.3 | 4634.1 | 4620.4 | 4686.9 | 4753.3 | 4901.2 |
| 6371.1 | 22.5° | 6062.0 | 5673.1 | 5284.2 | 4946.8 | 4609.3 | 4358.6 | 4385.4 | 4483.7 | 4581.9 | 4750.8 |
| 6446.1 | 25°   | 6092.9 | 5612.5 | 5132.4 | 4737.1 | 4342.0 | 4085.0 | 4157.3 | 4270.7 | 4384.0 | 4535.8 |
| 6563.4 | 27.5° | 6157.3 | 5572.1 | 4986.8 | 4545.4 | 4104.0 | 3870.1 | 3958.0 | 4067.4 | 4176.9 | 4301.7 |
| 6715.2 | 30°   | 6245.7 | 5553.1 | 4860.2 | 4385.2 | 3910.1 | 3713.7 | 3782.7 | 3869.5 | 3956.6 | 4060.2 |
| 6873.7 | 32.5° | 6321.9 | 5529.7 | 4737.1 | 4247.0 | 3756.7 | 3598.5 | 3629.1 | 3680.5 | 3731.9 | 3814.6 |
| 7054.3 | 35°   | 6377.8 | 5485.5 | 4593.7 | 4111.2 | 3628.7 | 3496.8 | 3484.1 | 3498.2 | 3512.5 | 3575.6 |
| 7256.5 | 37.5° | 6411.0 | 5409.9 | 4408.8 | 3951.4 | 3493.9 | 3378.6 | 3332.1 | 3316.5 | 3300.8 | 3346.2 |
| 7513.3 | 40°   | 6431.9 | 5305.7 | 4179.8 | 3760.6 | 3341.5 | 3236.9 | 3165.6 | 3130.3 | 3094.9 | 3127.5 |
| 7849.2 | 42.5° | 6471.6 | 5198.3 | 3925.4 | 3550.2 | 3175.0 | 3078.7 | 2988.8 | 2941.9 | 2895.0 | 2921.6 |
| 8291.2 | 45°   | 6541.3 | 5098.4 | 3655.7 | 3326.6 | 2997.6 | 2899.9 | 2812.9 | 2767.2 | 2721.7 | 2743.9 |
| 8762.1 | 47.5° | 6589.2 | 5016.0 | 3442.7 | 3149.8 | 2856.9 | 2730.8 | 2656.0 | 2617.7 | 2579.4 | 2600.5 |
| 9199.1 | 50°   | 6557.9 | 4926.1 | 3294.2 | 3032.4 | 2770.5 | 2604.8 | 2517.8 | 2483.8 | 2450.0 | 2482.9 |
| 9482.8 | 52.5° | 6365.4 | 4774.2 | 3183.2 | 2955.0 | 2726.9 | 2536.4 | 2414.9 | 2381.3 | 2347.8 | 2397.3 |
| 9420.3 | 55°   | 5967.8 | 4522.5 | 3077.3 | 2898.9 | 2720.5 | 2543.2 | 2360.1 | 2307.0 | 2254.0 | 2324.2 |
| 8980.2 | 57.5° | 5376.7 | 4167.7 | 2958.5 | 2832.5 | 2706.4 | 2550.1 | 2327.3 | 2249.9 | 2172.6 | 2248.0 |
| 8161.3 | 60°   | 4583.9 | 3706.9 | 2829.9 | 2730.8 | 2631.8 | 2528.6 | 2296.4 | 2196.2 | 2095.8 | 2162.0 |
| 7053.9 | 62.5° | 3690.9 | 3155.5 | 2620.0 | 2554.2 | 2488.5 | 2475.8 | 2260.5 | 2135.0 | 2009.8 | 2051.8 |
| 5924.0 | 65°   | 2909.2 | 2659.3 | 2409.4 | 2378.3 | 2347.3 | 2348.8 | 2184.7 | 2051.4 | 1917.9 | 1934.2 |
| 4817.2 | 67.5° | 2253.5 | 2182.5 | 2111.4 | 2128.8 | 2146.0 | 2141.7 | 2049.4 | 1938.5 | 1827.5 | 1822.4 |
| 3792.9 | 70°   | 1706.9 | 1727.2 | 1747.3 | 1827.9 | 1908.2 | 1908.2 | 1877.9 | 1798.9 | 1720.0 | 1702.4 |
| 2899.7 | 72.5° | 1316.7 | 1377.8 | 1439.2 | 1553.3 | 1667.2 | 1686.4 | 1686.8 | 1632.6 | 1578.5 | 1552.7 |
| 2104.6 | 75°   | 1022.4 | 1077.9 | 1133.4 | 1261.2 | 1389.0 | 1477.3 | 1469.9 | 1428.2 | 1386.4 | 1361.8 |
| 1426.1 | 77.5° | 787.1  | 824.8  | 862.7  | 986.8  | 1110.9 | 1256.5 | 1252.6 | 1219.2 | 1185.7 | 1160.7 |
| 918.8  | 80°   | 590.1  | 605.8  | 621.4  | 726.5  | 831.5  | 1005.4 | 1004.8 | 976.8  | 948.7  | 927.8  |
| 565.1  | 82.5° | 421.7  | 424.4  | 427.6  | 504.9  | 582.3  | 730.8  | 739.0  | 725.4  | 711.7  | 696.8  |
| 302.1  | 85°   | 255.0  | 253.6  | 252.1  | 308.7  | 365.4  | 475.8  | 486.6  | 471.9  | 457.3  | 440.6  |
| 125.3  | 87.5° | 111.8  | 110.4  | 109.0  | 132.1  | 155.4  | 201.3  | 214.9  | 209.1  | 203.2  | 200.1  |
| 0.0    | 90°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |

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**CANDELA DISTRIBUTION (continued):**

| 160°   |       | 165°   | 170°   | 175°   | 180°   | 185°   | 190°   | 195°   | 200°   | 205°   | 210°   |
|--------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 5092.4 | 0°    | 5092.4 | 5092.4 | 5092.4 | 5092.4 | 5092.4 | 5092.4 | 5092.4 | 5092.4 | 5092.4 | 5092.4 |
| 4896.9 | 2.5°  | 4867.4 | 4837.9 | 4808.2 | 4778.7 | 4755.9 | 4732.8 | 4714.2 | 4695.7 | 4681.2 | 4666.8 |
| 4734.4 | 5°    | 4682.0 | 4629.6 | 4582.1 | 4534.5 | 4497.9 | 4461.2 | 4435.6 | 4410.0 | 4391.8 | 4373.6 |
| 4634.1 | 7.5°  | 4568.3 | 4502.2 | 4444.0 | 4386.0 | 4342.4 | 4299.0 | 4268.5 | 4238.0 | 4217.1 | 4196.4 |
| 4631.6 | 10°   | 4560.6 | 4489.5 | 4424.1 | 4358.6 | 4306.6 | 4254.4 | 4220.4 | 4186.0 | 4166.3 | 4146.6 |
| 4730.5 | 12.5° | 4674.6 | 4619.1 | 4551.3 | 4483.7 | 4417.2 | 4350.8 | 4306.8 | 4262.8 | 4240.8 | 4218.9 |
| 4891.1 | 15°   | 4876.6 | 4862.2 | 4803.3 | 4744.5 | 4650.0 | 4555.4 | 4488.5 | 4421.7 | 4391.0 | 4360.6 |
| 5026.3 | 17.5° | 5071.6 | 5116.8 | 5069.3 | 5022.0 | 4896.8 | 4771.5 | 4673.0 | 4574.5 | 4529.2 | 4483.7 |
| 5049.4 | 20°   | 5144.1 | 5238.9 | 5217.0 | 5194.9 | 5051.7 | 4908.7 | 4787.9 | 4667.3 | 4609.3 | 4551.1 |
| 4920.0 | 22.5° | 5043.3 | 5166.6 | 5179.9 | 5193.0 | 5056.2 | 4919.4 | 4795.1 | 4670.7 | 4609.5 | 4548.1 |
| 4687.9 | 25°   | 4809.2 | 4930.6 | 4975.9 | 5021.0 | 4908.9 | 4796.9 | 4686.3 | 4576.1 | 4522.9 | 4470.0 |
| 4426.4 | 27.5° | 4523.7 | 4621.0 | 4671.4 | 4722.1 | 4642.1 | 4562.4 | 4476.6 | 4390.8 | 4355.3 | 4319.5 |
| 4163.8 | 30°   | 4244.5 | 4325.4 | 4366.4 | 4407.4 | 4346.7 | 4285.7 | 4224.4 | 4162.6 | 4144.4 | 4126.1 |
| 3897.4 | 32.5° | 3974.8 | 4052.4 | 4097.9 | 4143.6 | 4087.8 | 4031.7 | 3982.6 | 3933.6 | 3921.7 | 3909.7 |
| 3638.5 | 35°   | 3715.1 | 3791.9 | 3846.6 | 3901.3 | 3861.5 | 3821.8 | 3776.5 | 3731.3 | 3713.2 | 3695.2 |
| 3391.3 | 37.5° | 3467.7 | 3544.3 | 3611.9 | 3679.5 | 3661.2 | 3642.8 | 3601.2 | 3559.4 | 3526.3 | 3493.5 |
| 3160.2 | 40°   | 3234.0 | 3307.9 | 3385.7 | 3463.6 | 3468.1 | 3472.4 | 3437.0 | 3401.7 | 3353.6 | 3305.9 |
| 2948.3 | 42.5° | 3018.3 | 3088.4 | 3172.5 | 3256.5 | 3279.0 | 3301.4 | 3271.5 | 3241.8 | 3182.2 | 3122.6 |
| 2766.6 | 45°   | 2833.0 | 2899.5 | 2986.6 | 3073.8 | 3106.0 | 3138.3 | 3111.3 | 3084.5 | 3016.3 | 2948.3 |
| 2621.4 | 47.5° | 2686.5 | 2751.4 | 2837.3 | 2923.3 | 2960.4 | 2997.6 | 2978.8 | 2960.1 | 2899.5 | 2838.9 |
| 2515.9 | 50°   | 2577.2 | 2638.4 | 2715.4 | 2792.4 | 2840.1 | 2887.8 | 2886.6 | 2885.8 | 2837.3 | 2788.9 |
| 2446.5 | 52.5° | 2502.8 | 2558.9 | 2630.6 | 2702.5 | 2759.0 | 2815.5 | 2825.6 | 2835.8 | 2796.3 | 2756.8 |
| 2394.2 | 55°   | 2454.7 | 2515.3 | 2578.2 | 2641.0 | 2700.7 | 2760.7 | 2774.8 | 2788.9 | 2754.5 | 2720.1 |
| 2323.4 | 57.5° | 2394.5 | 2465.7 | 2527.8 | 2590.1 | 2650.5 | 2710.7 | 2725.0 | 2739.2 | 2704.5 | 2669.7 |
| 2228.1 | 60°   | 2309.7 | 2391.4 | 2454.5 | 2517.8 | 2578.4 | 2639.0 | 2654.6 | 2670.3 | 2636.3 | 2602.5 |
| 2093.8 | 62.5° | 2189.0 | 2284.3 | 2351.7 | 2419.2 | 2474.7 | 2530.2 | 2545.2 | 2560.2 | 2529.6 | 2498.9 |
| 1950.2 | 65°   | 2052.2 | 2154.4 | 2218.9 | 2283.4 | 2332.2 | 2381.1 | 2396.5 | 2411.7 | 2382.2 | 2352.7 |
| 1817.3 | 67.5° | 1911.5 | 2005.9 | 2067.0 | 2128.0 | 2170.2 | 2212.4 | 2227.5 | 2242.3 | 2215.2 | 2188.2 |
| 1684.8 | 70°   | 1767.7 | 1850.5 | 1903.3 | 1956.0 | 1994.1 | 2032.3 | 2046.7 | 2061.2 | 2039.1 | 2017.0 |
| 1527.1 | 72.5° | 1592.4 | 1657.5 | 1705.1 | 1752.8 | 1790.1 | 1827.5 | 1844.7 | 1861.9 | 1843.5 | 1825.1 |
| 1337.0 | 75°   | 1385.4 | 1433.9 | 1477.1 | 1520.3 | 1554.3 | 1588.3 | 1606.3 | 1624.2 | 1615.3 | 1606.3 |
| 1135.7 | 77.5° | 1175.2 | 1214.5 | 1251.6 | 1288.7 | 1324.5 | 1360.0 | 1376.9 | 1393.7 | 1381.2 | 1368.3 |
| 906.7  | 80°   | 939.5  | 972.2  | 1003.4 | 1034.7 | 1061.9 | 1088.8 | 1111.1 | 1133.4 | 1127.9 | 1122.6 |
| 682.0  | 82.5° | 679.2  | 676.5  | 665.6  | 654.6  | 712.5  | 770.3  | 808.2  | 846.1  | 843.8  | 841.2  |
| 424.0  | 85°   | 410.0  | 395.7  | 365.4  | 335.1  | 389.3  | 443.6  | 490.5  | 537.4  | 533.5  | 529.6  |
| 197.0  | 87.5° | 196.4  | 195.8  | 172.7  | 149.5  | 172.2  | 195.0  | 214.0  | 232.9  | 228.2  | 223.2  |
| 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):**

| 215°   |       | 220°   | 225°   | 230°   | 235°   | 240°   | 245°   | 250°   | 255°   | 260°   | 265°   |
|--------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 5092.4 | 0°    | 5092.4 | 5092.4 | 5092.4 | 5092.4 | 5092.4 | 5092.4 | 5092.4 | 5092.4 | 5092.4 | 5092.4 |
| 4653.5 | 2.5°  | 4640.0 | 4623.4 | 4640.0 | 4653.5 | 4666.8 | 4681.2 | 4695.7 | 4714.2 | 4732.8 | 4755.9 |
| 4359.8 | 5°    | 4345.9 | 4332.2 | 4345.9 | 4359.8 | 4373.6 | 4391.8 | 4410.0 | 4435.6 | 4461.2 | 4497.9 |
| 4183.9 | 7.5°  | 4171.6 | 4162.2 | 4171.6 | 4183.9 | 4196.4 | 4217.1 | 4238.0 | 4268.5 | 4299.0 | 4342.4 |
| 4136.0 | 10°   | 4125.5 | 4121.2 | 4125.5 | 4136.0 | 4146.6 | 4166.3 | 4186.0 | 4220.4 | 4254.4 | 4306.6 |
| 4209.9 | 12.5° | 4200.9 | 4199.3 | 4200.9 | 4209.9 | 4218.9 | 4240.8 | 4262.8 | 4306.8 | 4350.8 | 4417.2 |
| 4348.8 | 15°   | 4337.1 | 4336.1 | 4337.1 | 4348.8 | 4360.6 | 4391.0 | 4421.7 | 4488.5 | 4555.4 | 4650.0 |
| 4468.8 | 17.5° | 4453.8 | 4451.4 | 4453.8 | 4468.8 | 4483.7 | 4529.2 | 4574.5 | 4673.0 | 4771.5 | 4896.8 |
| 4532.5 | 20°   | 4513.9 | 4508.1 | 4513.9 | 4532.5 | 4551.1 | 4609.3 | 4667.3 | 4787.9 | 4908.7 | 5051.7 |
| 4527.6 | 22.5° | 4507.1 | 4498.3 | 4507.1 | 4527.6 | 4548.1 | 4609.5 | 4670.7 | 4795.1 | 4919.4 | 5056.2 |
| 4450.6 | 25°   | 4431.5 | 4420.1 | 4431.5 | 4450.6 | 4470.0 | 4522.9 | 4576.1 | 4686.3 | 4796.9 | 4908.9 |
| 4310.7 | 27.5° | 4301.9 | 4299.0 | 4301.9 | 4310.7 | 4319.5 | 4355.3 | 4390.8 | 4476.6 | 4562.4 | 4642.1 |
| 4126.1 | 30°   | 4126.1 | 4129.0 | 4126.1 | 4126.1 | 4126.1 | 4144.4 | 4162.6 | 4224.4 | 4285.7 | 4346.7 |
| 3911.3 | 32.5° | 3913.1 | 3916.0 | 3913.1 | 3911.3 | 3909.7 | 3921.7 | 3933.6 | 3982.6 | 4031.7 | 4087.8 |
| 3691.3 | 35°   | 3687.4 | 3685.4 | 3687.4 | 3691.3 | 3695.2 | 3713.2 | 3731.3 | 3776.5 | 3821.8 | 3861.5 |
| 3476.1 | 37.5° | 3458.7 | 3449.0 | 3458.7 | 3476.1 | 3493.5 | 3526.3 | 3559.4 | 3601.2 | 3642.8 | 3661.2 |
| 3273.5 | 40°   | 3241.4 | 3222.3 | 3241.4 | 3273.5 | 3305.9 | 3353.6 | 3401.7 | 3437.0 | 3472.4 | 3468.1 |
| 3075.5 | 42.5° | 3028.4 | 2997.6 | 3028.4 | 3075.5 | 3122.6 | 3182.2 | 3241.8 | 3271.5 | 3301.4 | 3279.0 |
| 2893.0 | 45°   | 2837.7 | 2802.2 | 2837.7 | 2893.0 | 2948.3 | 3016.3 | 3084.5 | 3111.3 | 3138.3 | 3106.0 |
| 2787.7 | 47.5° | 2736.7 | 2702.5 | 2736.7 | 2787.7 | 2838.9 | 2899.5 | 2960.1 | 2978.8 | 2997.6 | 2960.4 |
| 2741.6 | 50°   | 2694.3 | 2661.5 | 2694.3 | 2741.6 | 2788.9 | 2837.3 | 2885.8 | 2886.6 | 2887.8 | 2840.1 |
| 2714.4 | 52.5° | 2672.2 | 2641.9 | 2672.2 | 2714.4 | 2756.8 | 2796.3 | 2835.8 | 2825.6 | 2815.5 | 2759.0 |
| 2683.0 | 55°   | 2645.8 | 2618.5 | 2645.8 | 2683.0 | 2720.1 | 2754.5 | 2788.9 | 2774.8 | 2760.7 | 2700.7 |
| 2632.9 | 57.5° | 2596.0 | 2567.7 | 2596.0 | 2632.9 | 2669.7 | 2704.5 | 2739.2 | 2725.0 | 2710.7 | 2650.5 |
| 2564.5 | 60°   | 2526.6 | 2497.3 | 2526.6 | 2564.5 | 2602.5 | 2636.3 | 2670.3 | 2654.6 | 2639.0 | 2578.4 |
| 2459.0 | 62.5° | 2419.2 | 2384.0 | 2419.2 | 2459.0 | 2498.9 | 2529.6 | 2560.2 | 2545.2 | 2530.2 | 2474.7 |
| 2314.0 | 65°   | 2275.5 | 2245.2 | 2275.5 | 2314.0 | 2352.7 | 2382.2 | 2411.7 | 2396.5 | 2381.1 | 2332.2 |
| 2152.2 | 67.5° | 2116.3 | 2088.9 | 2116.3 | 2152.2 | 2188.2 | 2215.2 | 2242.3 | 2227.5 | 2212.4 | 2170.2 |
| 1982.6 | 70°   | 1948.2 | 1917.0 | 1948.2 | 1982.6 | 2017.0 | 2039.1 | 2061.2 | 2046.7 | 2032.3 | 1994.1 |
| 1792.3 | 72.5° | 1759.7 | 1729.4 | 1759.7 | 1792.3 | 1825.1 | 1843.5 | 1861.9 | 1844.7 | 1827.5 | 1790.1 |
| 1578.7 | 75°   | 1551.2 | 1522.2 | 1551.2 | 1578.7 | 1606.3 | 1615.3 | 1624.2 | 1606.3 | 1588.3 | 1554.3 |
| 1340.5 | 77.5° | 1312.8 | 1289.7 | 1312.8 | 1340.5 | 1368.3 | 1381.2 | 1393.7 | 1376.9 | 1360.0 | 1324.5 |
| 1085.3 | 80°   | 1047.8 | 1004.4 | 1047.8 | 1085.3 | 1122.6 | 1127.9 | 1133.4 | 1111.1 | 1088.8 | 1061.9 |
| 809.8  | 82.5° | 778.1  | 750.4  | 778.1  | 809.8  | 841.2  | 843.8  | 846.1  | 808.2  | 770.3  | 712.5  |
| 504.9  | 85°   | 480.3  | 455.3  | 480.3  | 504.9  | 529.6  | 533.5  | 537.4  | 490.5  | 443.6  | 389.3  |
| 210.7  | 87.5° | 197.8  | 185.6  | 197.8  | 210.7  | 223.2  | 228.2  | 232.9  | 214.0  | 195.0  | 172.2  |
| 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):**

| 270°   |       | 275°   | 280°   | 285°   | 290°   | 295°   | 300°   | 305°   | 310°   | 315°   | 320°   |
|--------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 5092.4 | 0°    | 5092.4 | 5092.4 | 5092.4 | 5092.4 | 5092.4 | 5092.4 | 5092.4 | 5092.4 | 5092.4 | 5092.4 |
| 4778.7 | 2.5°  | 4808.2 | 4837.9 | 4867.4 | 4896.9 | 4930.6 | 4964.4 | 5001.7 | 5039.2 | 5085.5 | 5127.1 |
| 4534.5 | 5°    | 4582.1 | 4629.6 | 4682.0 | 4734.4 | 4793.6 | 4853.0 | 4923.9 | 4994.7 | 5075.7 | 5157.8 |
| 4386.0 | 7.5°  | 4444.0 | 4502.2 | 4568.3 | 4634.1 | 4712.3 | 4790.4 | 4884.4 | 4978.6 | 5083.6 | 5195.5 |
| 4358.6 | 10°   | 4424.1 | 4489.5 | 4560.6 | 4631.6 | 4709.7 | 4787.9 | 4887.2 | 4986.4 | 5099.2 | 5237.3 |
| 4483.7 | 12.5° | 4551.3 | 4619.1 | 4674.6 | 4730.5 | 4782.0 | 4834.0 | 4914.9 | 4996.2 | 5101.1 | 5246.3 |
| 4744.5 | 15°   | 4803.3 | 4862.2 | 4876.6 | 4891.1 | 4884.1 | 4877.0 | 4915.7 | 4954.6 | 5038.6 | 5199.4 |
| 5022.0 | 17.5° | 5069.3 | 5116.8 | 5071.6 | 5026.3 | 4941.1 | 4855.9 | 4841.8 | 4827.6 | 4879.4 | 5068.5 |
| 5194.9 | 20°   | 5217.0 | 5238.9 | 5144.1 | 5049.4 | 4901.2 | 4753.3 | 4686.9 | 4620.4 | 4634.1 | 4854.3 |
| 5193.0 | 22.5° | 5179.9 | 5166.6 | 5043.3 | 4920.0 | 4750.8 | 4581.9 | 4483.7 | 4385.4 | 4358.6 | 4609.3 |
| 5021.0 | 25°   | 4975.9 | 4930.6 | 4809.2 | 4687.9 | 4535.8 | 4384.0 | 4270.7 | 4157.3 | 4085.0 | 4342.0 |
| 4722.1 | 27.5° | 4671.4 | 4621.0 | 4523.7 | 4426.4 | 4301.7 | 4176.9 | 4067.4 | 3958.0 | 3870.1 | 4104.0 |
| 4407.4 | 30°   | 4366.4 | 4325.4 | 4244.5 | 4163.8 | 4060.2 | 3956.6 | 3869.5 | 3782.7 | 3713.7 | 3910.1 |
| 4143.6 | 32.5° | 4097.9 | 4052.4 | 3974.8 | 3897.4 | 3814.6 | 3731.9 | 3680.5 | 3629.1 | 3598.5 | 3756.7 |
| 3901.3 | 35°   | 3846.6 | 3791.9 | 3715.1 | 3638.5 | 3575.6 | 3512.5 | 3498.2 | 3484.1 | 3496.8 | 3628.7 |
| 3679.5 | 37.5° | 3611.9 | 3544.3 | 3467.7 | 3391.3 | 3346.2 | 3300.8 | 3316.5 | 3332.1 | 3378.6 | 3493.9 |
| 3463.6 | 40°   | 3385.7 | 3307.9 | 3234.0 | 3160.2 | 3127.5 | 3094.9 | 3130.3 | 3165.6 | 3236.9 | 3341.5 |
| 3256.5 | 42.5° | 3172.5 | 3088.4 | 3018.3 | 2948.3 | 2921.6 | 2895.0 | 2941.9 | 2988.8 | 3078.7 | 3175.0 |
| 3073.8 | 45°   | 2986.6 | 2899.5 | 2833.0 | 2766.6 | 2743.9 | 2721.7 | 2767.2 | 2812.9 | 2899.9 | 2997.6 |
| 2923.3 | 47.5° | 2837.3 | 2751.4 | 2686.5 | 2621.4 | 2600.5 | 2579.4 | 2617.7 | 2656.0 | 2730.8 | 2856.9 |
| 2792.4 | 50°   | 2715.4 | 2638.4 | 2577.2 | 2515.9 | 2482.9 | 2450.0 | 2483.8 | 2517.8 | 2604.8 | 2770.5 |
| 2702.5 | 52.5° | 2630.6 | 2558.9 | 2502.8 | 2446.5 | 2397.3 | 2347.8 | 2381.3 | 2414.9 | 2536.4 | 2726.9 |
| 2641.0 | 55°   | 2578.2 | 2515.3 | 2454.7 | 2394.2 | 2324.2 | 2254.0 | 2307.0 | 2360.1 | 2543.2 | 2720.5 |
| 2590.1 | 57.5° | 2527.8 | 2465.7 | 2394.5 | 2323.4 | 2248.0 | 2172.6 | 2249.9 | 2327.3 | 2550.1 | 2706.4 |
| 2517.8 | 60°   | 2454.5 | 2391.4 | 2309.7 | 2228.1 | 2162.0 | 2095.8 | 2196.2 | 2296.4 | 2528.6 | 2631.8 |
| 2419.2 | 62.5° | 2351.7 | 2284.3 | 2189.0 | 2093.8 | 2051.8 | 2009.8 | 2135.0 | 2260.5 | 2475.8 | 2488.5 |
| 2283.4 | 65°   | 2218.9 | 2154.4 | 2052.2 | 1950.2 | 1934.2 | 1917.9 | 2051.4 | 2184.7 | 2348.8 | 2347.3 |
| 2128.0 | 67.5° | 2067.0 | 2005.9 | 1911.5 | 1817.3 | 1822.4 | 1827.5 | 1938.5 | 2049.4 | 2141.7 | 2146.0 |
| 1956.0 | 70°   | 1903.3 | 1850.5 | 1767.7 | 1684.8 | 1702.4 | 1720.0 | 1798.9 | 1877.9 | 1908.2 | 1908.2 |
| 1752.8 | 72.5° | 1705.1 | 1657.5 | 1592.4 | 1527.1 | 1552.7 | 1578.5 | 1632.6 | 1686.8 | 1686.4 | 1667.2 |
| 1520.3 | 75°   | 1477.1 | 1433.9 | 1385.4 | 1337.0 | 1361.8 | 1386.4 | 1428.2 | 1469.9 | 1477.3 | 1389.0 |
| 1288.7 | 77.5° | 1251.6 | 1214.5 | 1175.2 | 1135.7 | 1160.7 | 1185.7 | 1219.2 | 1252.6 | 1256.5 | 1110.9 |
| 1034.7 | 80°   | 1003.4 | 972.2  | 939.5  | 906.7  | 927.8  | 948.7  | 976.8  | 1004.8 | 1005.4 | 831.5  |
| 654.6  | 82.5° | 665.6  | 676.5  | 679.2  | 682.0  | 696.8  | 711.7  | 725.4  | 739.0  | 730.8  | 582.3  |
| 335.1  | 85°   | 365.4  | 395.7  | 410.0  | 424.0  | 440.6  | 457.3  | 471.9  | 486.6  | 475.8  | 365.4  |
| 149.5  | 87.5° | 172.7  | 195.8  | 196.4  | 197.0  | 200.1  | 203.2  | 209.1  | 214.9  | 201.3  | 155.4  |
| 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°    |
|--------|-------|--------|--------|--------|--------|---------|---------|---------|
| 5092.4 | 0°    | 5092.4 | 5092.4 | 5092.4 | 5092.4 | 5092.4  | 5092.4  | 5092.4  |
| 5170.1 | 2.5°  | 5213.1 | 5258.1 | 5303.0 | 5347.6 | 5392.3  | 5434.3  | 5476.3  |
| 5244.8 | 5°    | 5331.7 | 5424.7 | 5518.0 | 5610.4 | 5703.0  | 5795.8  | 5888.6  |
| 5316.9 | 7.5°  | 5438.2 | 5576.0 | 5713.8 | 5855.2 | 5996.7  | 6149.7  | 6302.9  |
| 5381.2 | 10°   | 5524.6 | 5692.1 | 5859.3 | 6046.1 | 6233.2  | 6426.8  | 6620.5  |
| 5408.7 | 12.5° | 5571.1 | 5768.5 | 5965.8 | 6177.7 | 6389.5  | 6602.1  | 6814.9  |
| 5387.4 | 15°   | 5575.4 | 5802.7 | 6029.9 | 6259.7 | 6489.5  | 6711.3  | 6933.1  |
| 5294.6 | 17.5° | 5520.7 | 5784.5 | 6048.3 | 6299.0 | 6549.7  | 6774.6  | 6999.5  |
| 5134.6 | 20°   | 5414.8 | 5734.5 | 6054.2 | 6329.7 | 6605.2  | 6839.1  | 7072.8  |
| 4946.8 | 22.5° | 5284.2 | 5673.1 | 6062.0 | 6371.1 | 6680.1  | 6919.0  | 7157.8  |
| 4737.1 | 25°   | 5132.4 | 5612.5 | 6092.9 | 6446.1 | 6799.3  | 7033.2  | 7267.3  |
| 4545.4 | 27.5° | 4986.8 | 5572.1 | 6157.3 | 6563.4 | 6969.3  | 7192.6  | 7415.8  |
| 4385.2 | 30°   | 4860.2 | 5553.1 | 6245.7 | 6715.2 | 7184.8  | 7400.3  | 7616.1  |
| 4247.0 | 32.5° | 4737.1 | 5529.7 | 6321.9 | 6873.7 | 7425.5  | 7638.9  | 7852.5  |
| 4111.2 | 35°   | 4593.7 | 5485.5 | 6377.8 | 7054.3 | 7730.8  | 7935.4  | 8139.8  |
| 3951.4 | 37.5° | 4408.8 | 5409.9 | 6411.0 | 7256.5 | 8102.0  | 8362.7  | 8623.4  |
| 3760.6 | 40°   | 4179.8 | 5305.7 | 6431.9 | 7513.3 | 8594.5  | 8974.4  | 9354.2  |
| 3550.2 | 42.5° | 3925.4 | 5198.3 | 6471.6 | 7849.2 | 9226.8  | 9775.1  | 10323.5 |
| 3326.6 | 45°   | 3655.7 | 5098.4 | 6541.3 | 8291.2 | 10041.1 | 10780.7 | 11520.3 |
| 3149.8 | 47.5° | 3442.7 | 5016.0 | 6589.2 | 8762.1 | 10935.1 | 11976.2 | 13017.2 |
| 3032.4 | 50°   | 3294.2 | 4926.1 | 6557.9 | 9199.1 | 11840.2 | 13409.7 | 14979.1 |
| 2955.0 | 52.5° | 3183.2 | 4774.2 | 6365.4 | 9482.8 | 12600.0 | 14915.6 | 17231.2 |
| 2898.9 | 55°   | 3077.3 | 4522.5 | 5967.8 | 9420.3 | 12872.6 | 16250.6 | 19628.8 |
| 2832.5 | 57.5° | 2958.5 | 4167.7 | 5376.7 | 8980.2 | 12583.9 | 17196.8 | 21809.6 |
| 2730.8 | 60°   | 2829.9 | 3706.9 | 4583.9 | 8161.3 | 11738.6 | 17433.2 | 23127.6 |
| 2554.2 | 62.5° | 2620.0 | 3155.5 | 3690.9 | 7053.9 | 10416.9 | 16437.6 | 22458.3 |
| 2378.3 | 65°   | 2409.4 | 2659.3 | 2909.2 | 5924.0 | 8939.0  | 15028.9 | 21118.8 |
| 2128.8 | 67.5° | 2111.4 | 2182.5 | 2253.5 | 4817.2 | 7381.0  | 13352.5 | 19324.0 |
| 1827.9 | 70°   | 1747.3 | 1727.2 | 1706.9 | 3792.9 | 5878.9  | 11523.3 | 17167.7 |
| 1553.3 | 72.5° | 1439.2 | 1377.8 | 1316.7 | 2899.7 | 4482.7  | 9540.3  | 14598.0 |
| 1261.2 | 75°   | 1133.4 | 1077.9 | 1022.4 | 2104.6 | 3186.7  | 7267.1  | 11347.4 |
| 986.8  | 77.5° | 862.7  | 824.8  | 787.1  | 1426.1 | 2065.1  | 5086.3  | 8107.5  |
| 726.5  | 80°   | 621.4  | 605.8  | 590.1  | 918.8  | 1247.7  | 3277.0  | 5306.3  |
| 504.9  | 82.5° | 427.6  | 424.4  | 421.7  | 565.1  | 708.9   | 1896.6  | 3084.5  |
| 308.7  | 85°   | 252.1  | 253.6  | 255.0  | 302.1  | 349.4   | 853.2   | 1357.1  |
| 132.1  | 87.5° | 109.0  | 110.4  | 111.8  | 125.3  | 138.7   | 279.4   | 420.1   |
| 0.0    | 90°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0     | 0.0     | 0.0     |

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