

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: P956810

Luminaire Tested: **GALN-SB9B-835-U-SLL**

Issue Date: 1/21/2025

Test Information

Test Method: LM-79-08
Report Number: P956810
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-835-U-SLL
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(9) 80 CRI, 3500K, 450mA LIGHTSQUARES WITH 26 LEDS EACH AND SPILL LIGHT
ELIMINATOR LEFT OPTICS
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 47403 lumens
Efficiency: N/A
Efficacy: 143.9 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

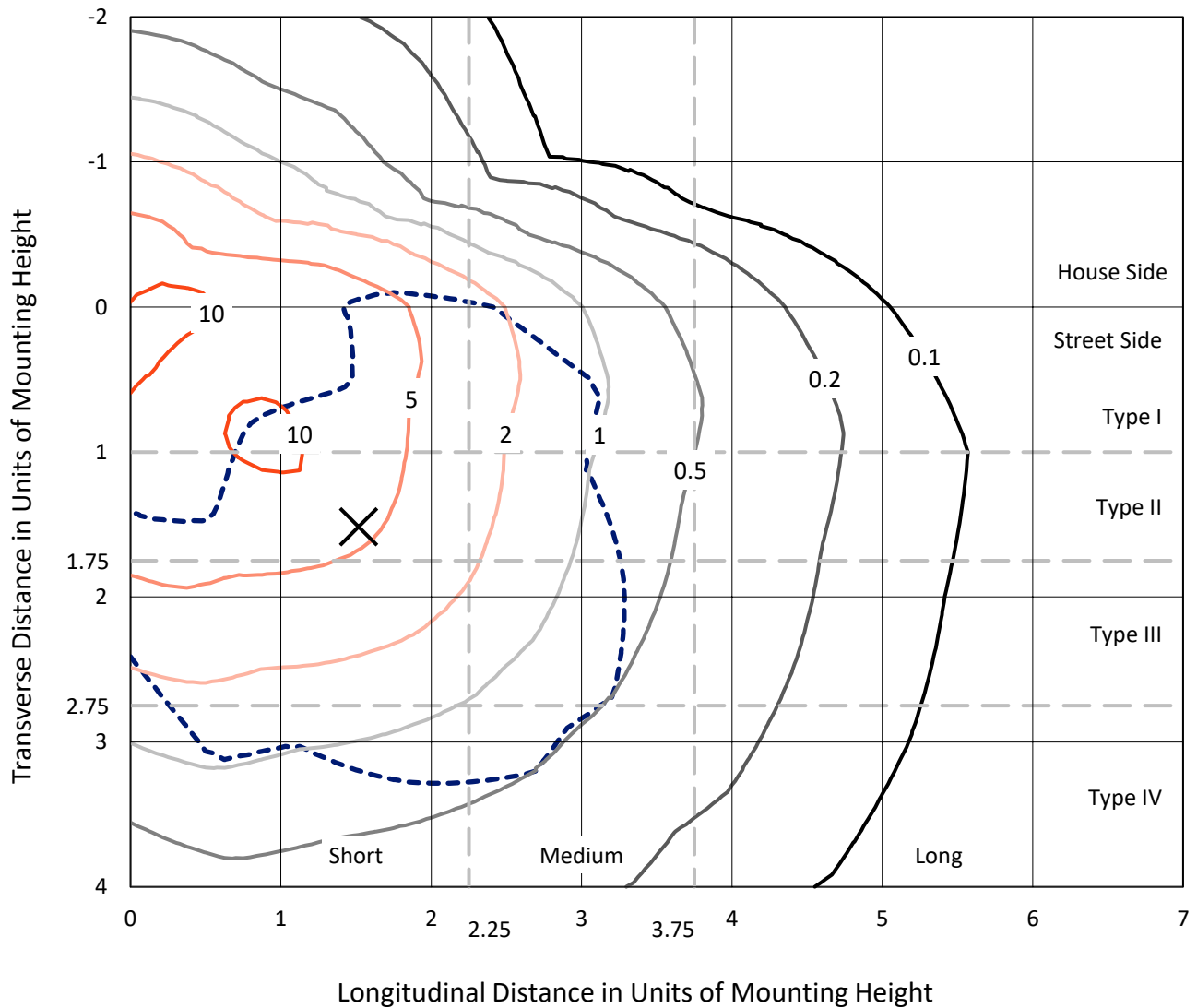
Input Watts (W): 329.5
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



REPORT NUMBER: P956810
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Iso-Footcandle Lines of Horizontal Illumination

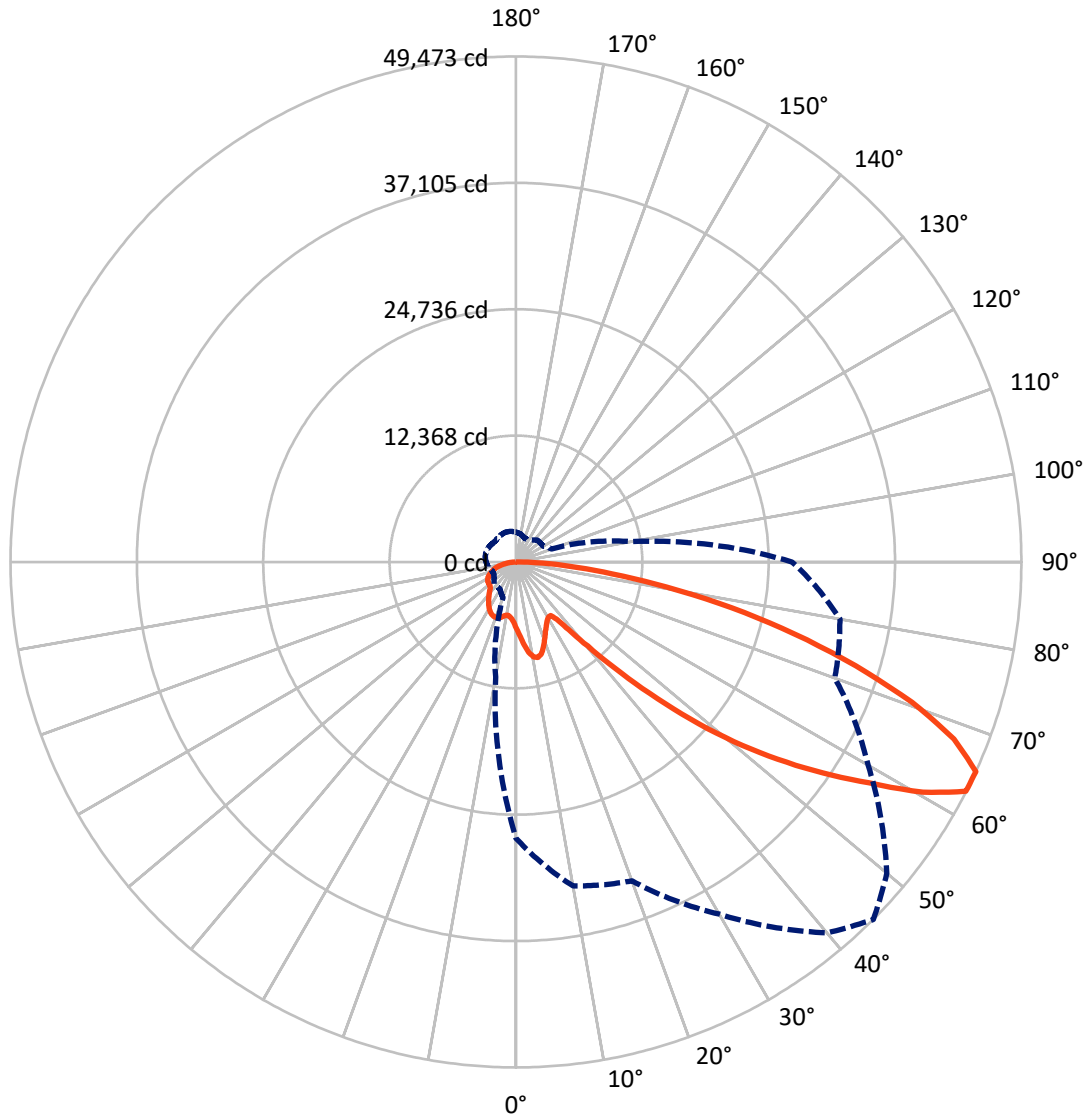
✕ Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 14.4 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 |
|--------------------|-----------|----------|--------|---------|
| House Side | Lumens | 12047.5 | 0.0 | 12047.5 |
| | % Fixture | 25.4 | 0.0 | 25.4 |
| Street Side | Lumens | 35355.5 | 0.0 | 35355.5 |
| | % Fixture | 74.6 | 0.0 | 74.6 |
| Total | Lumens | 47403.0 | 0.0 | 47403.0 |
| | % Fixture | 100.0 | 0.0 | 100.0 |

Coefficient of Utilization

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|---------|-----------|
| 0°-10° | 646.6 | 1.4 |
| 10°-20° | 2029.9 | 4.3 |
| 20°-30° | 3135.4 | 6.6 |
| 30°-40° | 3973.4 | 8.4 |
| 40°-50° | 5992.8 | 12.6 |
| 50°-60° | 9682.3 | 20.4 |
| 60°-70° | 12070.5 | 25.5 |
| 70°-80° | 7915.3 | 16.7 |
| 80°-90° | 1956.8 | 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° | 47403.0 | 100.0 |
| 0°-180° | 47403.0 | 100.0 |



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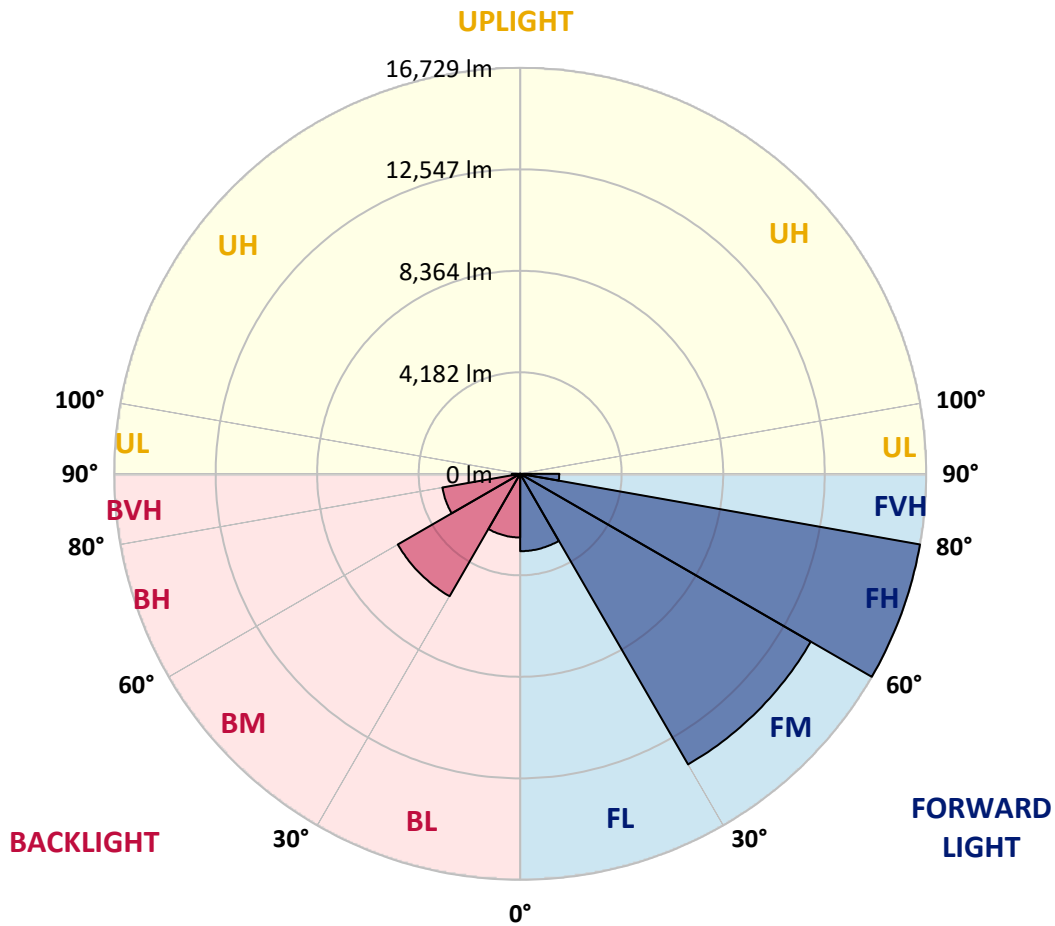
CATALOG NUMBER: GALN-SB9B-835-U-SLL

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

| Zone | Lumens | % Fixture | Zone Rating/Lumen Limit | | |
|----------------|---------|-----------|-------------------------|------|---------|
| | | | B | U | G |
| FL (0°-30°) | 3188.4 | 6.7 | | | |
| FM (30°-60°) | 13826.4 | 29.2 | | | |
| FH (60°-80°) | 16728.7 | 35.3 | | | G5 |
| FVH (80°-90°) | 1612.0 | 3.4 | | | G5 |
| BL (0°-30°) | 2623.5 | 5.5 | B4/5000 | | |
| BM (30°-60°) | 5822.1 | 12.3 | B4/8500 | | |
| BH (60°-80°) | 3257.1 | 6.9 | B4/5000 | | G4/5000 |
| BVH (80°-90°) | 344.8 | 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



REPORT NUMBER: P956810
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CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° |
|-------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0° | 6518.3 | 6518.3 | 6518.3 | 6518.3 | 6518.3 | 6518.3 | 6518.3 | 6518.3 | 6518.3 | 6518.3 |
| 2.5° | 7009.8 | 7036.3 | 7063.1 | 7100.9 | 7138.6 | 7161.1 | 7183.7 | 7194.9 | 7206.2 | 7201.2 |
| 5° | 7537.6 | 7630.4 | 7723.4 | 7815.5 | 7907.8 | 7957.8 | 8007.8 | 8038.1 | 8068.6 | 8091.6 |
| 7.5° | 8067.9 | 8218.9 | 8369.8 | 8505.6 | 8641.4 | 8723.2 | 8805.0 | 8849.3 | 8893.3 | 8914.5 |
| 10° | 8474.3 | 8652.9 | 8831.5 | 8990.8 | 9150.2 | 9246.7 | 9342.8 | 9385.8 | 9428.6 | 9444.8 |
| 12.5° | 8723.2 | 8916.8 | 9110.1 | 9254.2 | 9397.8 | 9467.8 | 9537.9 | 9561.4 | 9584.9 | 9587.4 |
| 15° | 8874.5 | 9041.6 | 9208.4 | 9298.7 | 9389.3 | 9391.8 | 9394.3 | 9369.3 | 9344.3 | 9314.7 |
| 17.5° | 8959.6 | 9072.4 | 9185.2 | 9186.9 | 9188.4 | 9087.1 | 8985.8 | 8893.0 | 8800.0 | 8734.4 |
| 20° | 9053.4 | 9092.6 | 9132.2 | 9013.3 | 8894.5 | 8670.9 | 8447.3 | 8284.5 | 8121.6 | 8021.6 |
| 22.5° | 9162.2 | 9110.6 | 9059.1 | 8813.0 | 8566.9 | 8237.9 | 7909.0 | 7705.4 | 7501.8 | 7391.3 |
| 25° | 9302.2 | 9139.7 | 8977.1 | 8603.4 | 8229.7 | 7830.2 | 7430.8 | 7216.7 | 7003.1 | 6898.5 |
| 27.5° | 9492.3 | 9201.7 | 8910.8 | 8415.8 | 7921.0 | 7478.3 | 7035.6 | 6825.0 | 6614.6 | 6515.8 |
| 30° | 9748.7 | 9315.2 | 8882.0 | 8272.7 | 7663.4 | 7202.2 | 6740.9 | 6545.6 | 6350.2 | 6258.2 |
| 32.5° | 10051.4 | 9457.8 | 8864.5 | 8175.2 | 7485.8 | 7052.3 | 6618.9 | 6465.5 | 6312.0 | 6245.7 |
| 35° | 10419.1 | 9692.7 | 8966.6 | 8248.2 | 7530.1 | 7228.9 | 6928.0 | 6892.3 | 6856.5 | 6851.0 |
| 37.5° | 11038.1 | 10183.7 | 9329.3 | 8676.4 | 8023.6 | 8004.1 | 7984.6 | 8148.2 | 8311.7 | 8396.8 |
| 40° | 11973.6 | 11044.4 | 10115.2 | 9629.7 | 9144.2 | 9486.8 | 9829.5 | 10227.2 | 10624.9 | 10823.0 |
| 42.5° | 13214.2 | 12292.3 | 11370.3 | 11090.7 | 10811.0 | 11558.4 | 12305.8 | 13029.1 | 13752.5 | 14177.2 |
| 45° | 14746.3 | 13918.1 | 13089.7 | 12966.4 | 12842.8 | 14040.2 | 15237.8 | 16426.4 | 17615.2 | 18336.8 |
| 47.5° | 16662.2 | 15856.6 | 15050.7 | 15025.7 | 15000.6 | 16728.0 | 18454.9 | 20195.0 | 21934.9 | 22956.7 |
| 50° | 19173.5 | 18178.3 | 17183.3 | 17187.5 | 17191.8 | 19417.9 | 21644.0 | 23940.9 | 26237.9 | 27626.6 |
| 52.5° | 22056.2 | 20851.1 | 19646.3 | 19524.4 | 19402.4 | 22061.5 | 24720.6 | 27562.5 | 30404.2 | 32068.8 |
| 55° | 25125.3 | 23934.7 | 22744.1 | 22269.1 | 21794.1 | 24753.6 | 27712.9 | 31100.8 | 34488.8 | 36468.6 |
| 57.5° | 27916.7 | 27268.4 | 26619.8 | 25667.1 | 24714.6 | 27702.9 | 30691.1 | 34528.6 | 38365.8 | 40820.8 |
| 60° | 29603.8 | 30610.8 | 31618.1 | 30435.0 | 29251.9 | 32079.8 | 34907.8 | 39016.4 | 43125.0 | 45778.3 |
| 62.5° | 28747.1 | 31498.8 | 34250.4 | 34117.1 | 33983.6 | 36574.1 | 39165.0 | 43073.9 | 46982.7 | 49435.2 |
| 65° | 27032.5 | 29615.1 | 32197.7 | 32708.7 | 33219.4 | 36511.6 | 39804.0 | 43594.5 | 47384.6 | 49472.7 |
| 67.5° | 24735.1 | 27191.4 | 29647.6 | 29887.2 | 30126.6 | 33556.8 | 36986.8 | 40793.5 | 44600.2 | 46236.1 |
| 70° | 21974.9 | 24646.6 | 27318.4 | 27425.5 | 27532.8 | 30600.3 | 33667.7 | 36943.6 | 40219.2 | 41128.5 |
| 72.5° | 18685.8 | 21751.6 | 24817.6 | 24894.7 | 24971.5 | 27371.4 | 29771.4 | 32224.9 | 34678.2 | 34770.2 |
| 75° | 14524.9 | 17698.0 | 20871.1 | 21156.0 | 21440.9 | 23308.1 | 25175.3 | 26902.5 | 28629.6 | 28166.8 |
| 77.5° | 10377.8 | 13339.8 | 16302.1 | 16709.8 | 17117.5 | 18536.9 | 19956.4 | 21181.3 | 22406.4 | 21611.0 |
| 80° | 6792.2 | 9284.2 | 11776.0 | 12282.8 | 12789.5 | 13861.6 | 14933.1 | 15576.4 | 16219.5 | 14940.1 |
| 82.5° | 3948.3 | 5651.9 | 7355.7 | 7921.8 | 8488.1 | 9226.0 | 9963.8 | 10232.2 | 10500.3 | 9494.8 |
| 85° | 1737.1 | 2641.3 | 3545.6 | 4027.1 | 4508.5 | 5114.9 | 5720.9 | 5873.2 | 6025.6 | 5220.2 |
| 87.5° | 537.8 | 841.7 | 1145.6 | 1414.2 | 1682.9 | 1986.0 | 2289.2 | 2302.2 | 2314.9 | 1943.5 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

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CANDELA DISTRIBUTION (continued):

| 50° | | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° |
|---------|-------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 6518.3 | 0° | 6518.3 | 6518.3 | 6518.3 | 6518.3 | 6518.3 | 6518.3 | 6518.3 | 6518.3 | 6518.3 | 6518.3 |
| 7206.2 | 2.5° | 7194.9 | 7183.7 | 7161.1 | 7138.6 | 7100.9 | 7063.1 | 7036.3 | 7009.8 | 6956.0 | 6902.3 |
| 8068.6 | 5° | 8038.1 | 8007.8 | 7957.8 | 7907.8 | 7815.5 | 7723.4 | 7630.4 | 7537.6 | 7418.8 | 7300.0 |
| 8893.3 | 7.5° | 8849.3 | 8805.0 | 8723.2 | 8641.4 | 8505.6 | 8369.8 | 8218.9 | 8067.9 | 7871.8 | 7675.9 |
| 9428.6 | 10° | 9385.8 | 9342.8 | 9246.7 | 9150.2 | 8990.8 | 8831.5 | 8652.9 | 8474.3 | 8226.4 | 7978.6 |
| 9584.9 | 12.5° | 9561.4 | 9537.9 | 9467.8 | 9397.8 | 9254.2 | 9110.1 | 8916.8 | 8723.2 | 8450.8 | 8178.7 |
| 9344.3 | 15° | 9369.3 | 9394.3 | 9391.8 | 9389.3 | 9298.7 | 9208.4 | 9041.6 | 8874.5 | 8590.6 | 8306.7 |
| 8800.0 | 17.5° | 8893.0 | 8985.8 | 9087.1 | 9188.4 | 9186.9 | 9185.2 | 9072.4 | 8959.6 | 8671.7 | 8383.8 |
| 8121.6 | 20° | 8284.5 | 8447.3 | 8670.9 | 8894.5 | 9013.3 | 9132.2 | 9092.6 | 9053.4 | 8754.2 | 8454.8 |
| 7501.8 | 22.5° | 7705.4 | 7909.0 | 8237.9 | 8566.9 | 8813.0 | 9059.1 | 9110.6 | 9162.2 | 8856.5 | 8550.6 |
| 7003.1 | 25° | 7216.7 | 7430.8 | 7830.2 | 8229.7 | 8603.4 | 8977.1 | 9139.7 | 9302.2 | 9002.6 | 8703.2 |
| 6614.6 | 27.5° | 6825.0 | 7035.6 | 7478.3 | 7921.0 | 8415.8 | 8910.8 | 9201.7 | 9492.3 | 9206.7 | 8920.8 |
| 6350.2 | 30° | 6545.6 | 6740.9 | 7202.2 | 7663.4 | 8272.7 | 8882.0 | 9315.2 | 9748.7 | 9472.6 | 9196.7 |
| 6312.0 | 32.5° | 6465.5 | 6618.9 | 7052.3 | 7485.8 | 8175.2 | 8864.5 | 9457.8 | 10051.4 | 9778.0 | 9504.8 |
| 6856.5 | 35° | 6892.3 | 6928.0 | 7228.9 | 7530.1 | 8248.2 | 8966.6 | 9692.7 | 10419.1 | 10157.4 | 9895.5 |
| 8311.7 | 37.5° | 8148.2 | 7984.6 | 8004.1 | 8023.6 | 8676.4 | 9329.3 | 10183.7 | 11038.1 | 10704.5 | 10370.8 |
| 10624.9 | 40° | 10227.2 | 9829.5 | 9486.8 | 9144.2 | 9629.7 | 10115.2 | 11044.4 | 11973.6 | 11487.4 | 11001.1 |
| 13752.5 | 42.5° | 13029.1 | 12305.8 | 11558.4 | 10811.0 | 11090.7 | 11370.3 | 12292.3 | 13214.2 | 12512.4 | 11810.5 |
| 17615.2 | 45° | 16426.4 | 15237.8 | 14040.2 | 12842.8 | 12966.4 | 13089.7 | 13918.1 | 14746.3 | 13799.5 | 12852.8 |
| 21934.9 | 47.5° | 20195.0 | 18454.9 | 16728.0 | 15000.6 | 15025.7 | 15050.7 | 15856.6 | 16662.2 | 15329.8 | 13997.1 |
| 26237.9 | 50° | 23940.9 | 21644.0 | 19417.9 | 17191.8 | 17187.5 | 17183.3 | 18178.3 | 19173.5 | 17164.7 | 15155.7 |
| 30404.2 | 52.5° | 27562.5 | 24720.6 | 22061.5 | 19402.4 | 19524.4 | 19646.3 | 20851.1 | 22056.2 | 19092.2 | 16128.2 |
| 34488.8 | 55° | 31100.8 | 27712.9 | 24753.6 | 21794.1 | 22269.1 | 22744.1 | 23934.7 | 25125.3 | 20801.1 | 16477.1 |
| 38365.8 | 57.5° | 34528.6 | 30691.1 | 27702.9 | 24714.6 | 25667.1 | 26619.8 | 27268.4 | 27916.7 | 22012.2 | 16107.7 |
| 43125.0 | 60° | 39016.4 | 34907.8 | 32079.8 | 29251.9 | 30435.0 | 31618.1 | 30610.8 | 29603.8 | 22314.9 | 15025.7 |
| 46982.7 | 62.5° | 43073.9 | 39165.0 | 36574.1 | 33983.6 | 34117.1 | 34250.4 | 31498.8 | 28747.1 | 21040.5 | 13333.8 |
| 47384.6 | 65° | 43594.5 | 39804.0 | 36511.6 | 33219.4 | 32708.7 | 32197.7 | 29615.1 | 27032.5 | 19237.3 | 11442.1 |
| 44600.2 | 67.5° | 40793.5 | 36986.8 | 33556.8 | 30126.6 | 29887.2 | 29647.6 | 27191.4 | 24735.1 | 17091.5 | 9447.8 |
| 40219.2 | 70° | 36943.6 | 33667.7 | 30600.3 | 27532.8 | 27425.5 | 27318.4 | 24646.6 | 21974.9 | 14750.0 | 7525.1 |
| 34678.2 | 72.5° | 32224.9 | 29771.4 | 27371.4 | 24971.5 | 24894.7 | 24817.6 | 21751.6 | 18685.8 | 12211.7 | 5737.9 |
| 28629.6 | 75° | 26902.5 | 25175.3 | 23308.1 | 21440.9 | 21156.0 | 20871.1 | 17698.0 | 14524.9 | 9302.0 | 4079.1 |
| 22406.4 | 77.5° | 21181.3 | 19956.4 | 18536.9 | 17117.5 | 16709.8 | 16302.1 | 13339.8 | 10377.8 | 6510.6 | 2643.3 |
| 16219.5 | 80° | 15576.4 | 14933.1 | 13861.6 | 12789.5 | 12282.8 | 11776.0 | 9284.2 | 6792.2 | 4194.6 | 1597.1 |
| 10500.3 | 82.5° | 10232.2 | 9963.8 | 9226.0 | 8488.1 | 7921.8 | 7355.7 | 5651.9 | 3948.3 | 2427.7 | 907.5 |
| 6025.6 | 85° | 5873.2 | 5720.9 | 5114.9 | 4508.5 | 4027.1 | 3545.6 | 2641.3 | 1737.1 | 1092.1 | 447.2 |
| 2314.9 | 87.5° | 2302.2 | 2289.2 | 1986.0 | 1682.9 | 1414.2 | 1145.6 | 841.7 | 537.8 | 357.7 | 177.6 |
| 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° |
|---------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 6518.3 | 0° | 6518.3 | 6518.3 | 6518.3 | 6518.3 | 6518.3 | 6518.3 | 6518.3 | 6518.3 | 6518.3 | 6518.3 |
| 6845.0 | 2.5° | 6788.0 | 6730.4 | 6672.9 | 6617.9 | 6562.8 | 6509.6 | 6450.3 | 6402.3 | 6354.5 | 6311.2 |
| 7181.4 | 5° | 7063.1 | 6943.8 | 6824.7 | 6713.4 | 6602.1 | 6497.1 | 6393.3 | 6302.7 | 6211.9 | 6135.9 |
| 7494.8 | 7.5° | 7313.7 | 7137.4 | 6961.0 | 6805.7 | 6650.4 | 6507.1 | 6372.7 | 6252.2 | 6131.9 | 6031.8 |
| 7739.2 | 10° | 7500.1 | 7286.0 | 7071.6 | 6888.0 | 6703.9 | 6527.1 | 6382.8 | 6255.7 | 6128.6 | 6028.6 |
| 7907.5 | 12.5° | 7636.4 | 7383.8 | 7131.1 | 6923.3 | 6715.4 | 6529.6 | 6395.3 | 6291.2 | 6187.7 | 6121.1 |
| 8012.6 | 15° | 7718.4 | 7427.5 | 7136.6 | 6896.0 | 6655.4 | 6449.5 | 6342.0 | 6292.2 | 6242.7 | 6251.7 |
| 8062.9 | 17.5° | 7741.9 | 7404.3 | 7066.6 | 6777.2 | 6487.8 | 6245.7 | 6179.4 | 6197.7 | 6215.7 | 6324.7 |
| 8102.1 | 20° | 7749.4 | 7340.2 | 6931.0 | 6572.3 | 6213.7 | 5931.8 | 5914.3 | 5999.3 | 6084.3 | 6273.7 |
| 8155.2 | 22.5° | 7759.5 | 7261.7 | 6763.9 | 6332.0 | 5900.0 | 5579.1 | 5613.4 | 5739.2 | 5865.0 | 6081.1 |
| 8251.2 | 25° | 7799.0 | 7184.2 | 6569.6 | 6063.6 | 5557.8 | 5228.9 | 5321.5 | 5466.5 | 5611.6 | 5806.0 |
| 8401.3 | 27.5° | 7881.5 | 7132.4 | 6383.3 | 5818.2 | 5253.2 | 4953.8 | 5066.3 | 5206.4 | 5346.5 | 5506.3 |
| 8595.6 | 30° | 7994.6 | 7108.1 | 6221.2 | 5613.1 | 5005.0 | 4753.7 | 4842.0 | 4953.0 | 5064.6 | 5197.1 |
| 8798.5 | 32.5° | 8092.1 | 7078.1 | 6063.6 | 5436.3 | 4808.7 | 4606.1 | 4645.4 | 4711.2 | 4776.9 | 4882.7 |
| 9029.6 | 35° | 8163.7 | 7021.6 | 5880.0 | 5262.4 | 4644.9 | 4476.0 | 4459.8 | 4477.8 | 4496.0 | 4576.8 |
| 9288.5 | 37.5° | 8206.2 | 6924.8 | 5643.4 | 5057.8 | 4472.3 | 4324.7 | 4265.2 | 4245.2 | 4225.2 | 4283.2 |
| 9617.1 | 40° | 8232.9 | 6791.5 | 5350.2 | 4813.7 | 4277.2 | 4143.4 | 4052.1 | 4006.8 | 3961.5 | 4003.3 |
| 10047.1 | 42.5° | 8283.7 | 6653.9 | 5024.6 | 4544.3 | 4064.1 | 3940.8 | 3825.7 | 3765.7 | 3705.6 | 3739.7 |
| 10612.9 | 45° | 8373.0 | 6526.1 | 4679.4 | 4258.2 | 3837.0 | 3711.9 | 3600.6 | 3542.1 | 3483.8 | 3512.3 |
| 11215.7 | 47.5° | 8434.3 | 6420.5 | 4406.7 | 4031.8 | 3656.9 | 3495.5 | 3399.7 | 3350.7 | 3301.7 | 3328.7 |
| 11775.0 | 50° | 8394.3 | 6305.5 | 4216.6 | 3881.5 | 3546.3 | 3334.2 | 3222.9 | 3179.4 | 3136.1 | 3178.1 |
| 12138.2 | 52.5° | 8147.9 | 6111.1 | 4074.6 | 3782.4 | 3490.5 | 3246.7 | 3091.1 | 3048.1 | 3005.3 | 3068.6 |
| 12058.1 | 55° | 7638.9 | 5788.9 | 3939.0 | 3710.6 | 3482.3 | 3255.4 | 3021.0 | 2953.0 | 2885.2 | 2975.0 |
| 11494.9 | 57.5° | 6882.3 | 5334.7 | 3786.9 | 3625.6 | 3464.3 | 3264.2 | 2979.0 | 2880.0 | 2780.9 | 2877.5 |
| 10446.6 | 60° | 5867.5 | 4744.9 | 3622.3 | 3495.5 | 3368.7 | 3236.6 | 2939.5 | 2811.2 | 2682.6 | 2767.4 |
| 9029.1 | 62.5° | 4724.4 | 4039.1 | 3353.7 | 3269.4 | 3185.4 | 3169.1 | 2893.5 | 2732.9 | 2572.6 | 2626.3 |
| 7582.9 | 65° | 3723.9 | 3404.0 | 3084.1 | 3044.3 | 3004.5 | 3006.5 | 2796.4 | 2625.8 | 2455.0 | 2475.8 |
| 6166.1 | 67.5° | 2884.5 | 2793.7 | 2702.6 | 2724.9 | 2746.9 | 2741.4 | 2623.3 | 2481.3 | 2339.2 | 2332.7 |
| 4855.0 | 70° | 2184.9 | 2210.9 | 2236.6 | 2339.7 | 2442.5 | 2442.5 | 2403.7 | 2302.7 | 2201.6 | 2179.1 |
| 3711.6 | 72.5° | 1685.4 | 1763.6 | 1842.2 | 1988.3 | 2134.1 | 2158.6 | 2159.1 | 2089.8 | 2020.5 | 1987.5 |
| 2693.9 | 75° | 1308.7 | 1379.7 | 1450.7 | 1614.3 | 1777.9 | 1891.0 | 1881.5 | 1828.2 | 1774.7 | 1743.1 |
| 1825.4 | 77.5° | 1007.5 | 1055.8 | 1104.3 | 1263.1 | 1422.0 | 1608.3 | 1603.3 | 1560.5 | 1517.8 | 1485.8 |
| 1176.1 | 80° | 755.4 | 775.4 | 795.4 | 930.0 | 1064.3 | 1286.9 | 1286.2 | 1250.4 | 1214.4 | 1187.6 |
| 723.4 | 82.5° | 539.8 | 543.3 | 547.3 | 646.3 | 745.4 | 935.5 | 946.0 | 928.5 | 911.0 | 892.0 |
| 386.7 | 85° | 326.4 | 324.7 | 322.7 | 395.2 | 467.7 | 609.1 | 622.8 | 604.1 | 585.3 | 564.0 |
| 160.3 | 87.5° | 143.1 | 141.3 | 139.6 | 169.1 | 198.9 | 257.6 | 275.1 | 267.6 | 260.1 | 256.1 |
| 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° |
|--------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 6518.3 | 0° | 6518.3 | 6518.3 | 6518.3 | 6518.3 | 6518.3 | 6518.3 | 6518.3 | 6518.3 | 6518.3 | 6518.3 |
| 6268.2 | 2.5° | 6230.4 | 6192.7 | 6154.6 | 6116.9 | 6087.6 | 6058.1 | 6034.3 | 6010.6 | 5992.1 | 5973.5 |
| 6060.1 | 5° | 5993.1 | 5926.0 | 5865.2 | 5804.2 | 5757.4 | 5710.4 | 5677.6 | 5644.9 | 5621.6 | 5598.4 |
| 5931.8 | 7.5° | 5847.5 | 5762.9 | 5688.4 | 5614.1 | 5558.3 | 5502.8 | 5463.8 | 5424.8 | 5398.0 | 5371.5 |
| 5928.5 | 10° | 5837.7 | 5746.7 | 5662.9 | 5579.1 | 5512.6 | 5445.8 | 5402.3 | 5358.2 | 5333.0 | 5307.7 |
| 6055.1 | 12.5° | 5983.5 | 5912.5 | 5825.7 | 5739.2 | 5654.1 | 5569.1 | 5512.8 | 5456.5 | 5428.3 | 5400.3 |
| 6260.7 | 15° | 6242.2 | 6223.7 | 6148.4 | 6073.1 | 5952.0 | 5831.0 | 5745.4 | 5659.9 | 5620.6 | 5581.6 |
| 6433.8 | 17.5° | 6491.8 | 6549.6 | 6488.8 | 6428.3 | 6267.9 | 6107.6 | 5981.5 | 5855.5 | 5797.5 | 5739.2 |
| 6463.3 | 20° | 6584.6 | 6705.9 | 6677.9 | 6649.6 | 6466.3 | 6283.2 | 6128.6 | 5974.3 | 5900.0 | 5825.5 |
| 6297.7 | 22.5° | 6455.5 | 6613.4 | 6630.4 | 6647.1 | 6472.0 | 6297.0 | 6137.9 | 5978.5 | 5900.3 | 5821.7 |
| 6000.6 | 25° | 6155.9 | 6311.2 | 6369.2 | 6427.0 | 6283.5 | 6140.1 | 5998.6 | 5857.5 | 5789.4 | 5721.7 |
| 5665.9 | 27.5° | 5790.4 | 5915.0 | 5979.5 | 6044.3 | 5942.0 | 5840.0 | 5730.2 | 5620.4 | 5574.8 | 5529.1 |
| 5329.7 | 30° | 5433.0 | 5536.6 | 5589.1 | 5641.6 | 5563.8 | 5485.8 | 5407.3 | 5328.2 | 5305.0 | 5281.4 |
| 4988.8 | 32.5° | 5087.8 | 5187.1 | 5245.4 | 5304.0 | 5232.4 | 5160.6 | 5097.8 | 5035.1 | 5019.8 | 5004.5 |
| 4657.4 | 35° | 4755.4 | 4853.7 | 4923.8 | 4993.8 | 4942.8 | 4892.0 | 4834.0 | 4776.2 | 4752.9 | 4729.9 |
| 4341.0 | 37.5° | 4438.8 | 4536.8 | 4623.4 | 4709.9 | 4686.4 | 4662.9 | 4609.6 | 4556.1 | 4513.8 | 4471.8 |
| 4045.1 | 40° | 4139.6 | 4234.2 | 4333.7 | 4433.5 | 4439.3 | 4444.8 | 4399.5 | 4354.2 | 4292.7 | 4231.7 |
| 3773.9 | 42.5° | 3863.5 | 3953.3 | 4060.8 | 4168.4 | 4197.1 | 4225.9 | 4187.6 | 4149.6 | 4073.3 | 3997.0 |
| 3541.3 | 45° | 3626.3 | 3711.4 | 3822.9 | 3934.5 | 3975.8 | 4017.0 | 3982.5 | 3948.3 | 3861.0 | 3773.9 |
| 3355.5 | 47.5° | 3438.8 | 3521.8 | 3631.9 | 3741.9 | 3789.4 | 3837.0 | 3812.9 | 3788.9 | 3711.4 | 3633.9 |
| 3220.4 | 50° | 3298.9 | 3377.2 | 3475.8 | 3574.3 | 3635.4 | 3696.4 | 3694.9 | 3693.9 | 3631.9 | 3569.8 |
| 3131.6 | 52.5° | 3203.6 | 3275.4 | 3367.2 | 3459.3 | 3531.5 | 3603.8 | 3616.8 | 3629.8 | 3579.3 | 3528.8 |
| 3064.6 | 55° | 3142.1 | 3219.6 | 3300.2 | 3380.5 | 3457.0 | 3533.8 | 3551.8 | 3569.8 | 3525.8 | 3481.8 |
| 2974.0 | 57.5° | 3065.1 | 3156.1 | 3235.6 | 3315.4 | 3392.7 | 3469.8 | 3488.0 | 3506.3 | 3461.8 | 3417.2 |
| 2852.0 | 60° | 2956.5 | 3061.1 | 3141.9 | 3222.9 | 3300.4 | 3378.0 | 3398.0 | 3418.0 | 3374.5 | 3331.2 |
| 2680.1 | 62.5° | 2801.9 | 2924.0 | 3010.3 | 3096.6 | 3167.6 | 3238.6 | 3257.9 | 3277.2 | 3237.9 | 3198.6 |
| 2496.3 | 65° | 2626.8 | 2757.7 | 2840.2 | 2922.7 | 2985.3 | 3047.8 | 3067.6 | 3087.1 | 3049.3 | 3011.5 |
| 2326.2 | 67.5° | 2446.7 | 2567.6 | 2645.8 | 2723.9 | 2777.9 | 2831.9 | 2851.2 | 2870.2 | 2835.4 | 2800.9 |
| 2156.6 | 70° | 2262.7 | 2368.7 | 2436.2 | 2503.8 | 2552.6 | 2601.3 | 2619.8 | 2638.3 | 2610.1 | 2581.8 |
| 1954.7 | 72.5° | 2038.3 | 2121.6 | 2182.6 | 2243.6 | 2291.4 | 2339.2 | 2361.2 | 2383.2 | 2359.7 | 2336.2 |
| 1711.4 | 75° | 1773.4 | 1835.4 | 1890.7 | 1946.0 | 1989.5 | 2033.0 | 2056.0 | 2079.1 | 2067.6 | 2056.0 |
| 1453.7 | 77.5° | 1504.3 | 1554.5 | 1602.1 | 1649.6 | 1695.4 | 1740.9 | 1762.4 | 1783.9 | 1767.9 | 1751.4 |
| 1160.6 | 80° | 1202.6 | 1244.4 | 1284.4 | 1324.4 | 1359.2 | 1393.7 | 1422.2 | 1450.7 | 1443.7 | 1437.0 |
| 872.9 | 82.5° | 869.4 | 865.9 | 851.9 | 837.9 | 912.0 | 986.0 | 1034.5 | 1083.1 | 1080.1 | 1076.8 |
| 542.8 | 85° | 524.8 | 506.5 | 467.7 | 429.0 | 498.3 | 567.8 | 627.8 | 687.9 | 682.8 | 677.8 |
| 252.1 | 87.5° | 251.4 | 250.6 | 221.1 | 191.3 | 220.4 | 249.6 | 273.9 | 298.2 | 292.1 | 285.6 |
| 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° |
|--------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 6518.3 | 0° | 6518.3 | 6518.3 | 6518.3 | 6518.3 | 6518.3 | 6518.3 | 6518.3 | 6518.3 | 6518.3 | 6518.3 |
| 5956.5 | 2.5° | 5939.3 | 5918.0 | 5939.3 | 5956.5 | 5973.5 | 5992.1 | 6010.6 | 6034.3 | 6058.1 | 6087.6 |
| 5580.6 | 5° | 5562.8 | 5545.3 | 5562.8 | 5580.6 | 5598.4 | 5621.6 | 5644.9 | 5677.6 | 5710.4 | 5757.4 |
| 5355.5 | 7.5° | 5339.7 | 5327.7 | 5339.7 | 5355.5 | 5371.5 | 5398.0 | 5424.8 | 5463.8 | 5502.8 | 5558.3 |
| 5294.2 | 10° | 5280.7 | 5275.2 | 5280.7 | 5294.2 | 5307.7 | 5333.0 | 5358.2 | 5402.3 | 5445.8 | 5512.6 |
| 5388.7 | 12.5° | 5377.2 | 5375.2 | 5377.2 | 5388.7 | 5400.3 | 5428.3 | 5456.5 | 5512.8 | 5569.1 | 5654.1 |
| 5566.6 | 15° | 5551.6 | 5550.3 | 5551.6 | 5566.6 | 5581.6 | 5620.6 | 5659.9 | 5745.4 | 5831.0 | 5952.0 |
| 5720.2 | 17.5° | 5700.9 | 5697.9 | 5700.9 | 5720.2 | 5739.2 | 5797.5 | 5855.5 | 5981.5 | 6107.6 | 6267.9 |
| 5801.7 | 20° | 5777.9 | 5770.4 | 5777.9 | 5801.7 | 5825.5 | 5900.0 | 5974.3 | 6128.6 | 6283.2 | 6466.3 |
| 5795.5 | 22.5° | 5769.2 | 5757.9 | 5769.2 | 5795.5 | 5821.7 | 5900.3 | 5978.5 | 6137.9 | 6297.0 | 6472.0 |
| 5696.9 | 25° | 5672.4 | 5657.9 | 5672.4 | 5696.9 | 5721.7 | 5789.4 | 5857.5 | 5998.6 | 6140.1 | 6283.5 |
| 5517.8 | 27.5° | 5506.6 | 5502.8 | 5506.6 | 5517.8 | 5529.1 | 5574.8 | 5620.4 | 5730.2 | 5840.0 | 5942.0 |
| 5281.4 | 30° | 5281.4 | 5285.2 | 5281.4 | 5281.4 | 5281.4 | 5305.0 | 5328.2 | 5407.3 | 5485.8 | 5563.8 |
| 5006.6 | 32.5° | 5008.8 | 5012.6 | 5008.8 | 5006.6 | 5004.5 | 5019.8 | 5035.1 | 5097.8 | 5160.6 | 5232.4 |
| 4724.9 | 35° | 4719.9 | 4717.4 | 4719.9 | 4724.9 | 4729.9 | 4752.9 | 4776.2 | 4834.0 | 4892.0 | 4942.8 |
| 4449.5 | 37.5° | 4427.3 | 4414.7 | 4427.3 | 4449.5 | 4471.8 | 4513.8 | 4556.1 | 4609.6 | 4662.9 | 4686.4 |
| 4190.1 | 40° | 4149.1 | 4124.6 | 4149.1 | 4190.1 | 4231.7 | 4292.7 | 4354.2 | 4399.5 | 4444.8 | 4439.3 |
| 3936.8 | 42.5° | 3876.5 | 3837.0 | 3876.5 | 3936.8 | 3997.0 | 4073.3 | 4149.6 | 4187.6 | 4225.9 | 4197.1 |
| 3703.1 | 45° | 3632.4 | 3586.8 | 3632.4 | 3703.1 | 3773.9 | 3861.0 | 3948.3 | 3982.5 | 4017.0 | 3975.8 |
| 3568.3 | 47.5° | 3503.0 | 3459.3 | 3503.0 | 3568.3 | 3633.9 | 3711.4 | 3788.9 | 3812.9 | 3837.0 | 3789.4 |
| 3509.3 | 50° | 3448.8 | 3406.7 | 3448.8 | 3509.3 | 3569.8 | 3631.9 | 3693.9 | 3694.9 | 3696.4 | 3635.4 |
| 3474.5 | 52.5° | 3420.5 | 3381.7 | 3420.5 | 3474.5 | 3528.8 | 3579.3 | 3629.8 | 3616.8 | 3603.8 | 3531.5 |
| 3434.2 | 55° | 3386.7 | 3351.7 | 3386.7 | 3434.2 | 3481.8 | 3525.8 | 3569.8 | 3551.8 | 3533.8 | 3457.0 |
| 3370.2 | 57.5° | 3322.9 | 3286.7 | 3322.9 | 3370.2 | 3417.2 | 3461.8 | 3506.3 | 3488.0 | 3469.8 | 3392.7 |
| 3282.7 | 60° | 3234.1 | 3196.6 | 3234.1 | 3282.7 | 3331.2 | 3374.5 | 3418.0 | 3398.0 | 3378.0 | 3300.4 |
| 3147.6 | 62.5° | 3096.6 | 3051.6 | 3096.6 | 3147.6 | 3198.6 | 3237.9 | 3277.2 | 3257.9 | 3238.6 | 3167.6 |
| 2962.0 | 65° | 2912.7 | 2874.0 | 2912.7 | 2962.0 | 3011.5 | 3049.3 | 3087.1 | 3067.6 | 3047.8 | 2985.3 |
| 2754.9 | 67.5° | 2708.9 | 2673.9 | 2708.9 | 2754.9 | 2800.9 | 2835.4 | 2870.2 | 2851.2 | 2831.9 | 2777.9 |
| 2537.8 | 70° | 2493.8 | 2453.8 | 2493.8 | 2537.8 | 2581.8 | 2610.1 | 2638.3 | 2619.8 | 2601.3 | 2552.6 |
| 2294.2 | 72.5° | 2252.4 | 2213.6 | 2252.4 | 2294.2 | 2336.2 | 2359.7 | 2383.2 | 2361.2 | 2339.2 | 2291.4 |
| 2020.8 | 75° | 1985.5 | 1948.5 | 1985.5 | 2020.8 | 2056.0 | 2067.6 | 2079.1 | 2056.0 | 2033.0 | 1989.5 |
| 1715.9 | 77.5° | 1680.4 | 1650.8 | 1680.4 | 1715.9 | 1751.4 | 1767.9 | 1783.9 | 1762.4 | 1740.9 | 1695.4 |
| 1389.2 | 80° | 1341.2 | 1285.7 | 1341.2 | 1389.2 | 1437.0 | 1443.7 | 1450.7 | 1422.2 | 1393.7 | 1359.2 |
| 1036.5 | 82.5° | 996.0 | 960.5 | 996.0 | 1036.5 | 1076.8 | 1080.1 | 1083.1 | 1034.5 | 986.0 | 912.0 |
| 646.3 | 85° | 614.8 | 582.8 | 614.8 | 646.3 | 677.8 | 682.8 | 687.9 | 627.8 | 567.8 | 498.3 |
| 269.6 | 87.5° | 253.1 | 237.6 | 253.1 | 269.6 | 285.6 | 292.1 | 298.2 | 273.9 | 249.6 | 220.4 |
| 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° |
|--------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 6518.3 | 0° | 6518.3 | 6518.3 | 6518.3 | 6518.3 | 6518.3 | 6518.3 | 6518.3 | 6518.3 | 6518.3 | 6518.3 |
| 6116.9 | 2.5° | 6154.6 | 6192.7 | 6230.4 | 6268.2 | 6311.2 | 6354.5 | 6402.3 | 6450.3 | 6509.6 | 6562.8 |
| 5804.2 | 5° | 5865.2 | 5926.0 | 5993.1 | 6060.1 | 6135.9 | 6211.9 | 6302.7 | 6393.3 | 6497.1 | 6602.1 |
| 5614.1 | 7.5° | 5688.4 | 5762.9 | 5847.5 | 5931.8 | 6031.8 | 6131.9 | 6252.2 | 6372.7 | 6507.1 | 6650.4 |
| 5579.1 | 10° | 5662.9 | 5746.7 | 5837.7 | 5928.5 | 6028.6 | 6128.6 | 6255.7 | 6382.8 | 6527.1 | 6703.9 |
| 5739.2 | 12.5° | 5825.7 | 5912.5 | 5983.5 | 6055.1 | 6121.1 | 6187.7 | 6291.2 | 6395.3 | 6529.6 | 6715.4 |
| 6073.1 | 15° | 6148.4 | 6223.7 | 6242.2 | 6260.7 | 6251.7 | 6242.7 | 6292.2 | 6342.0 | 6449.5 | 6655.4 |
| 6428.3 | 17.5° | 6488.8 | 6549.6 | 6491.8 | 6433.8 | 6324.7 | 6215.7 | 6197.7 | 6179.4 | 6245.7 | 6487.8 |
| 6649.6 | 20° | 6677.9 | 6705.9 | 6584.6 | 6463.3 | 6273.7 | 6084.3 | 5999.3 | 5914.3 | 5931.8 | 6213.7 |
| 6647.1 | 22.5° | 6630.4 | 6613.4 | 6455.5 | 6297.7 | 6081.1 | 5865.0 | 5739.2 | 5613.4 | 5579.1 | 5900.0 |
| 6427.0 | 25° | 6369.2 | 6311.2 | 6155.9 | 6000.6 | 5806.0 | 5611.6 | 5466.5 | 5321.5 | 5228.9 | 5557.8 |
| 6044.3 | 27.5° | 5979.5 | 5915.0 | 5790.4 | 5665.9 | 5506.3 | 5346.5 | 5206.4 | 5066.3 | 4953.8 | 5253.2 |
| 5641.6 | 30° | 5589.1 | 5536.6 | 5433.0 | 5329.7 | 5197.1 | 5064.6 | 4953.0 | 4842.0 | 4753.7 | 5005.0 |
| 5304.0 | 32.5° | 5245.4 | 5187.1 | 5087.8 | 4988.8 | 4882.7 | 4776.9 | 4711.2 | 4645.4 | 4606.1 | 4808.7 |
| 4993.8 | 35° | 4923.8 | 4853.7 | 4755.4 | 4657.4 | 4576.8 | 4496.0 | 4477.8 | 4459.8 | 4476.0 | 4644.9 |
| 4709.9 | 37.5° | 4623.4 | 4536.8 | 4438.8 | 4341.0 | 4283.2 | 4225.2 | 4245.2 | 4265.2 | 4324.7 | 4472.3 |
| 4433.5 | 40° | 4333.7 | 4234.2 | 4139.6 | 4045.1 | 4003.3 | 3961.5 | 4006.8 | 4052.1 | 4143.4 | 4277.2 |
| 4168.4 | 42.5° | 4060.8 | 3953.3 | 3863.5 | 3773.9 | 3739.7 | 3705.6 | 3765.7 | 3825.7 | 3940.8 | 4064.1 |
| 3934.5 | 45° | 3822.9 | 3711.4 | 3626.3 | 3541.3 | 3512.3 | 3483.8 | 3542.1 | 3600.6 | 3711.9 | 3837.0 |
| 3741.9 | 47.5° | 3631.9 | 3521.8 | 3438.8 | 3355.5 | 3328.7 | 3301.7 | 3350.7 | 3399.7 | 3495.5 | 3656.9 |
| 3574.3 | 50° | 3475.8 | 3377.2 | 3298.9 | 3220.4 | 3178.1 | 3136.1 | 3179.4 | 3222.9 | 3334.2 | 3546.3 |
| 3459.3 | 52.5° | 3367.2 | 3275.4 | 3203.6 | 3131.6 | 3068.6 | 3005.3 | 3048.1 | 3091.1 | 3246.7 | 3490.5 |
| 3380.5 | 55° | 3300.2 | 3219.6 | 3142.1 | 3064.6 | 2975.0 | 2885.2 | 2953.0 | 3021.0 | 3255.4 | 3482.3 |
| 3315.4 | 57.5° | 3235.6 | 3156.1 | 3065.1 | 2974.0 | 2877.5 | 2780.9 | 2880.0 | 2979.0 | 3264.2 | 3464.3 |
| 3222.9 | 60° | 3141.9 | 3061.1 | 2956.5 | 2852.0 | 2767.4 | 2682.6 | 2811.2 | 2939.5 | 3236.6 | 3368.7 |
| 3096.6 | 62.5° | 3010.3 | 2924.0 | 2801.9 | 2680.1 | 2626.3 | 2572.6 | 2732.9 | 2893.5 | 3169.1 | 3185.4 |
| 2922.7 | 65° | 2840.2 | 2757.7 | 2626.8 | 2496.3 | 2475.8 | 2455.0 | 2625.8 | 2796.4 | 3006.5 | 3004.5 |
| 2723.9 | 67.5° | 2645.8 | 2567.6 | 2446.7 | 2326.2 | 2332.7 | 2339.2 | 2481.3 | 2623.3 | 2741.4 | 2746.9 |
| 2503.8 | 70° | 2436.2 | 2368.7 | 2262.7 | 2156.6 | 2179.1 | 2201.6 | 2302.7 | 2403.7 | 2442.5 | 2442.5 |
| 2243.6 | 72.5° | 2182.6 | 2121.6 | 2038.3 | 1954.7 | 1987.5 | 2020.5 | 2089.8 | 2159.1 | 2158.6 | 2134.1 |
| 1946.0 | 75° | 1890.7 | 1835.4 | 1773.4 | 1711.4 | 1743.1 | 1774.7 | 1828.2 | 1881.5 | 1891.0 | 1777.9 |
| 1649.6 | 77.5° | 1602.1 | 1554.5 | 1504.3 | 1453.7 | 1485.8 | 1517.8 | 1560.5 | 1603.3 | 1608.3 | 1422.0 |
| 1324.4 | 80° | 1284.4 | 1244.4 | 1202.6 | 1160.6 | 1187.6 | 1214.4 | 1250.4 | 1286.2 | 1286.9 | 1064.3 |
| 837.9 | 82.5° | 851.9 | 865.9 | 869.4 | 872.9 | 892.0 | 911.0 | 928.5 | 946.0 | 935.5 | 745.4 |
| 429.0 | 85° | 467.7 | 506.5 | 524.8 | 542.8 | 564.0 | 585.3 | 604.1 | 622.8 | 609.1 | 467.7 |
| 191.3 | 87.5° | 221.1 | 250.6 | 251.4 | 252.1 | 256.1 | 260.1 | 267.6 | 275.1 | 257.6 | 198.9 |
| 0.0 | 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

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CANDELA DISTRIBUTION (continued):

| 325° | | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|--------|-------|--------|--------|--------|---------|---------|---------|---------|
| 6518.3 | 0° | 6518.3 | 6518.3 | 6518.3 | 6518.3 | 6518.3 | 6518.3 | 6518.3 |
| 6617.9 | 2.5° | 6672.9 | 6730.4 | 6788.0 | 6845.0 | 6902.3 | 6956.0 | 7009.8 |
| 6713.4 | 5° | 6824.7 | 6943.8 | 7063.1 | 7181.4 | 7300.0 | 7418.8 | 7537.6 |
| 6805.7 | 7.5° | 6961.0 | 7137.4 | 7313.7 | 7494.8 | 7675.9 | 7871.8 | 8067.9 |
| 6888.0 | 10° | 7071.6 | 7286.0 | 7500.1 | 7739.2 | 7978.6 | 8226.4 | 8474.3 |
| 6923.3 | 12.5° | 7131.1 | 7383.8 | 7636.4 | 7907.5 | 8178.7 | 8450.8 | 8723.2 |
| 6896.0 | 15° | 7136.6 | 7427.5 | 7718.4 | 8012.6 | 8306.7 | 8590.6 | 8874.5 |
| 6777.2 | 17.5° | 7066.6 | 7404.3 | 7741.9 | 8062.9 | 8383.8 | 8671.7 | 8959.6 |
| 6572.3 | 20° | 6931.0 | 7340.2 | 7749.4 | 8102.1 | 8454.8 | 8754.2 | 9053.4 |
| 6332.0 | 22.5° | 6763.9 | 7261.7 | 7759.5 | 8155.2 | 8550.6 | 8856.5 | 9162.2 |
| 6063.6 | 25° | 6569.6 | 7184.2 | 7799.0 | 8251.2 | 8703.2 | 9002.6 | 9302.2 |
| 5818.2 | 27.5° | 6383.3 | 7132.4 | 7881.5 | 8401.3 | 8920.8 | 9206.7 | 9492.3 |
| 5613.1 | 30° | 6221.2 | 7108.1 | 7994.6 | 8595.6 | 9196.7 | 9472.6 | 9748.7 |
| 5436.3 | 32.5° | 6063.6 | 7078.1 | 8092.1 | 8798.5 | 9504.8 | 9778.0 | 10051.4 |
| 5262.4 | 35° | 5880.0 | 7021.6 | 8163.7 | 9029.6 | 9895.5 | 10157.4 | 10419.1 |
| 5057.8 | 37.5° | 5643.4 | 6924.8 | 8206.2 | 9288.5 | 10370.8 | 10704.5 | 11038.1 |
| 4813.7 | 40° | 5350.2 | 6791.5 | 8232.9 | 9617.1 | 11001.1 | 11487.4 | 11973.6 |
| 4544.3 | 42.5° | 5024.6 | 6653.9 | 8283.7 | 10047.1 | 11810.5 | 12512.4 | 13214.2 |
| 4258.2 | 45° | 4679.4 | 6526.1 | 8373.0 | 10612.9 | 12852.8 | 13799.5 | 14746.3 |
| 4031.8 | 47.5° | 4406.7 | 6420.5 | 8434.3 | 11215.7 | 13997.1 | 15329.8 | 16662.2 |
| 3881.5 | 50° | 4216.6 | 6305.5 | 8394.3 | 11775.0 | 15155.7 | 17164.7 | 19173.5 |
| 3782.4 | 52.5° | 4074.6 | 6111.1 | 8147.9 | 12138.2 | 16128.2 | 19092.2 | 22056.2 |
| 3710.6 | 55° | 3939.0 | 5788.9 | 7638.9 | 12058.1 | 16477.1 | 20801.1 | 25125.3 |
| 3625.6 | 57.5° | 3786.9 | 5334.7 | 6882.3 | 11494.9 | 16107.7 | 22012.2 | 27916.7 |
| 3495.5 | 60° | 3622.3 | 4744.9 | 5867.5 | 10446.6 | 15025.7 | 22314.9 | 29603.8 |
| 3269.4 | 62.5° | 3353.7 | 4039.1 | 4724.4 | 9029.1 | 13333.8 | 21040.5 | 28747.1 |
| 3044.3 | 65° | 3084.1 | 3404.0 | 3723.9 | 7582.9 | 11442.1 | 19237.3 | 27032.5 |
| 2724.9 | 67.5° | 2702.6 | 2793.7 | 2884.5 | 6166.1 | 9447.8 | 17091.5 | 24735.1 |
| 2339.7 | 70° | 2236.6 | 2210.9 | 2184.9 | 4855.0 | 7525.1 | 14750.0 | 21974.9 |
| 1988.3 | 72.5° | 1842.2 | 1763.6 | 1685.4 | 3711.6 | 5737.9 | 12211.7 | 18685.8 |
| 1614.3 | 75° | 1450.7 | 1379.7 | 1308.7 | 2693.9 | 4079.1 | 9302.0 | 14524.9 |
| 1263.1 | 77.5° | 1104.3 | 1055.8 | 1007.5 | 1825.4 | 2643.3 | 6510.6 | 10377.8 |
| 930.0 | 80° | 795.4 | 775.4 | 755.4 | 1176.1 | 1597.1 | 4194.6 | 6792.2 |
| 646.3 | 82.5° | 547.3 | 543.3 | 539.8 | 723.4 | 907.5 | 2427.7 | 3948.3 |
| 395.2 | 85° | 322.7 | 324.7 | 326.4 | 386.7 | 447.2 | 1092.1 | 1737.1 |
| 169.1 | 87.5° | 139.6 | 141.3 | 143.1 | 160.3 | 177.6 | 357.7 | 537.8 |
| 0.0 | 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

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