

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: P955466

Luminaire Tested: **GALN-SB8B-930-U-SLL**

Issue Date: 1/21/2025

Test Information

Test Method: LM-79-08
Report Number: P955466
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-SB8B-930-U-SLL
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(8) 90 CRI, 3000K, 450mA LIGHTSQUARES WITH 26 LEDS EACH AND SPILL LIGHT
ELIMINATOR LEFT OPTICS
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 31562 lumens
Efficiency: N/A
Efficacy: 107.8 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B3 - U0 - G5

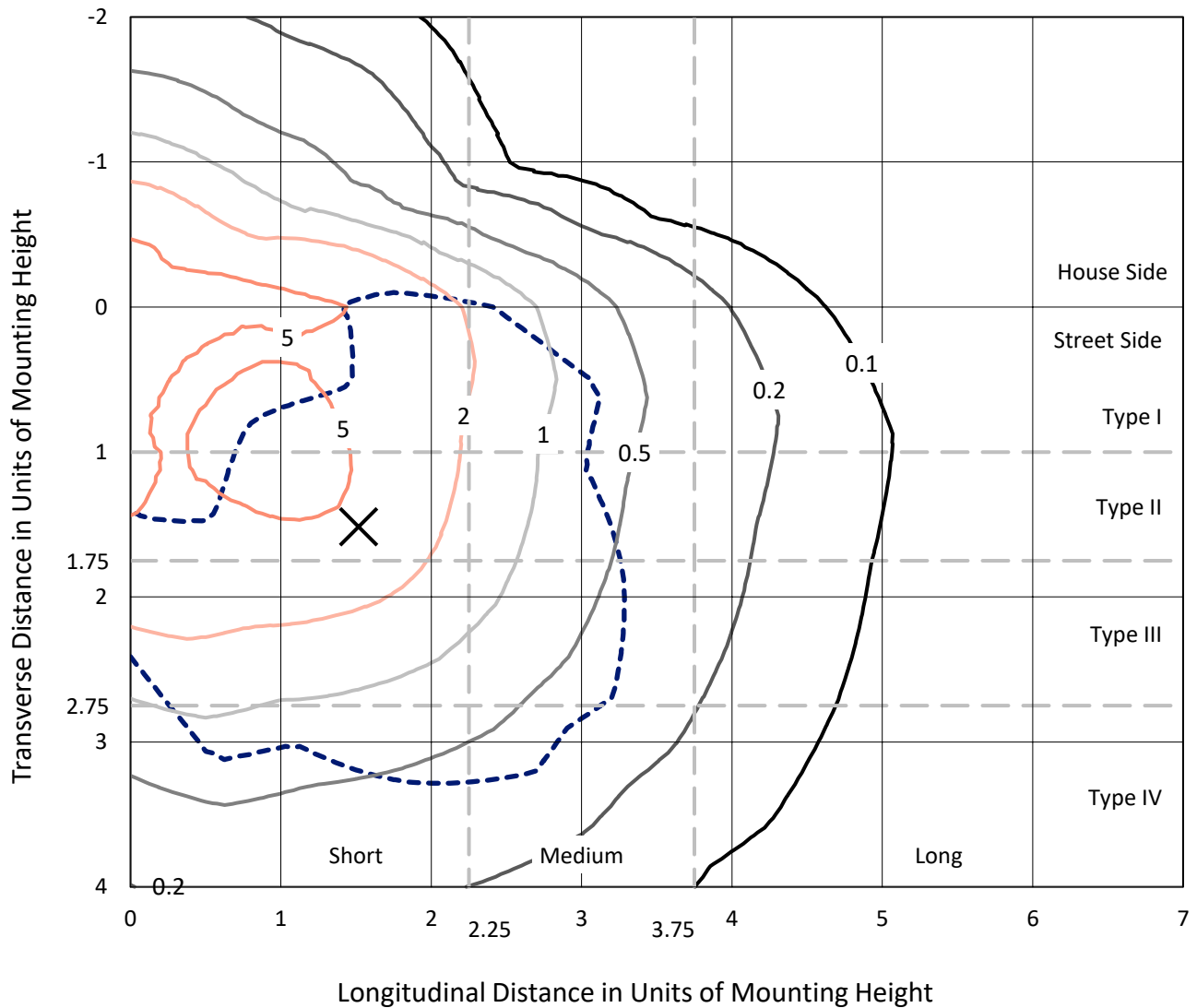
Input Watts (W): 292.8
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



REPORT NUMBER: P955466
 CATALOG NUMBER: GALN-SB8B-930-U-SLL

Iso-Footcandle Lines of Horizontal Illumination

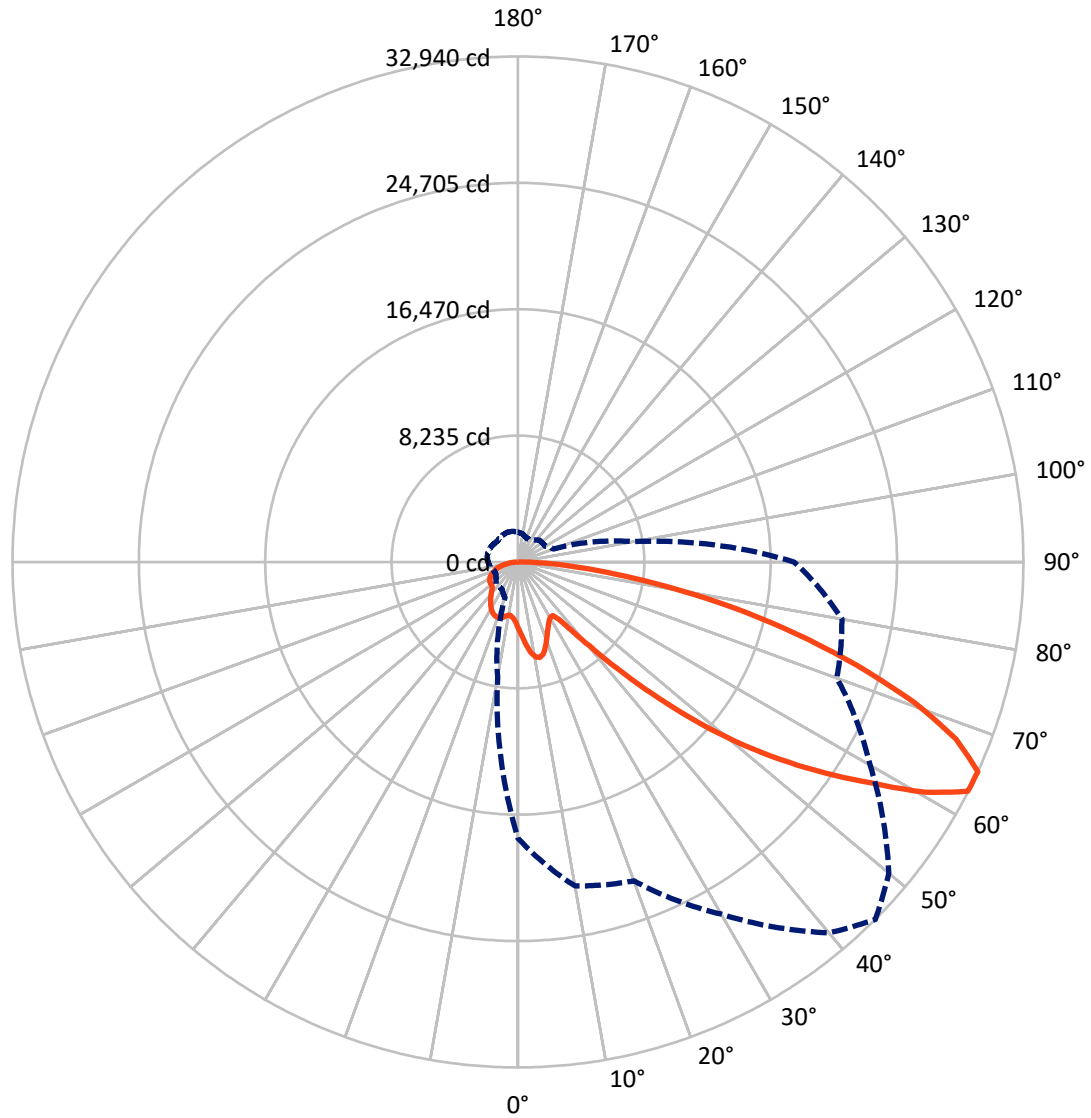
✕ Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 9.6 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 | 8021.5 | 0.0 | 8021.5 |
| | % Fixture | 25.4 | 0.0 | 25.4 |
| Street Side | Lumens | 23540.5 | 0.0 | 23540.5 |
| | % Fixture | 74.6 | 0.0 | 74.6 |
| Total | Lumens | 31562.0 | 0.0 | 31562.0 |
| | % Fixture | 100.0 | 0.0 | 100.0 |

Coefficient of Utilization

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|---------|-----------|
| 0°-10° | 430.5 | 1.4 |
| 10°-20° | 1351.5 | 4.3 |
| 20°-30° | 2087.6 | 6.6 |
| 30°-40° | 2645.5 | 8.4 |
| 40°-50° | 3990.2 | 12.6 |
| 50°-60° | 6446.7 | 20.4 |
| 60°-70° | 8036.8 | 25.5 |
| 70°-80° | 5270.2 | 16.7 |
| 80°-90° | 1302.9 | 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° | 31562.0 | 100.0 |
| 0°-180° | 31562.0 | 100.0 |



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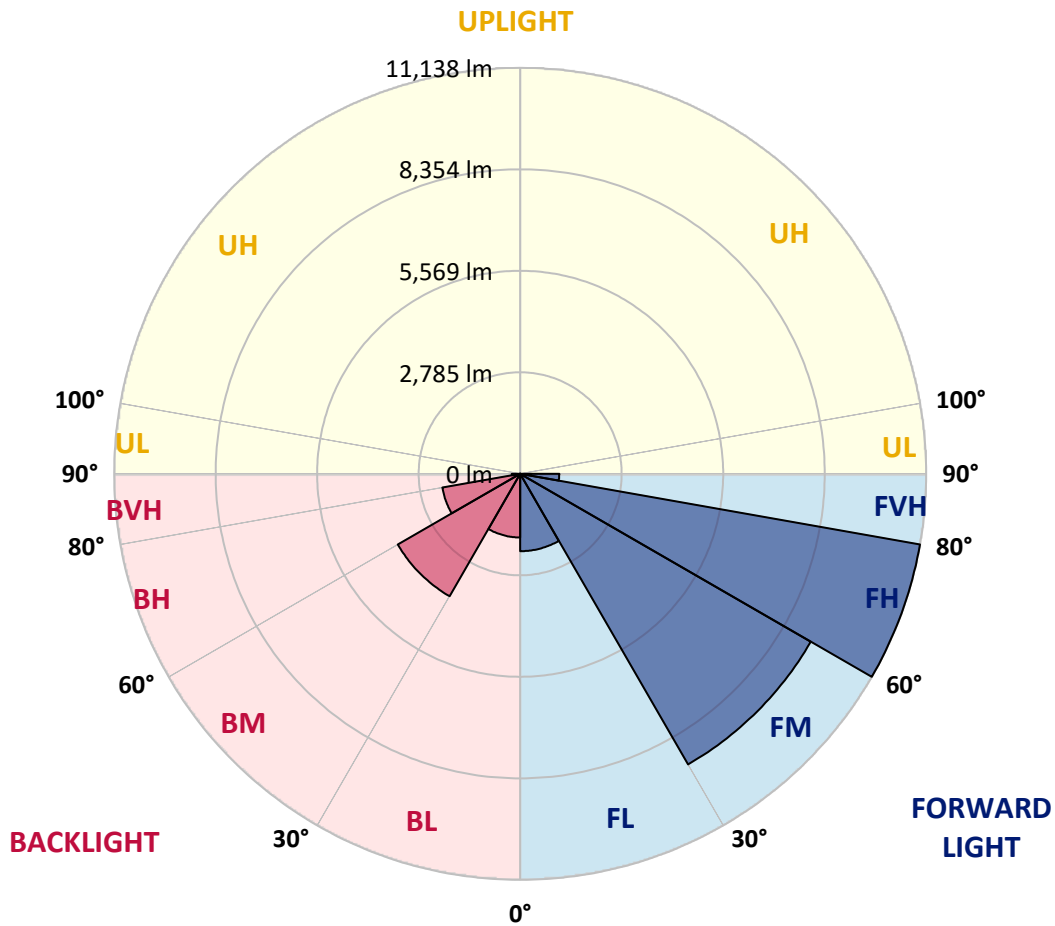
CATALOG NUMBER: GALN-SB8B-930-U-SLL

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

| Zone | Lumens | % Fixture | Zone Rating/Lumen Limit | | |
|----------------|---------|-----------|-------------------------|------|----------|
| | | | B | U | G |
| FL (0°-30°) | 2122.9 | 6.7 | | | |
| FM (30°-60°) | 9205.9 | 29.2 | | | |
| FH (60°-80°) | 11138.4 | 35.3 | | | G4/12000 |
| FVH (80°-90°) | 1073.3 | 3.4 | | | G5 |
| BL (0°-30°) | 1746.8 | 5.5 | B3/2500 | | |
| BM (30°-60°) | 3876.5 | 12.3 | B3/5000 | | |
| BH (60°-80°) | 2168.6 | 6.9 | B3/2500 | | G3/2500 |
| BVH (80°-90°) | 229.6 | 0.7 | | | G3/500 |
| UL (90°-100°) | 0.0 | 0.0 | | U0/0 | |
| UH (100°-180°) | 0.0 | 0.0 | | U0/0 | |

BUG Rating: B3-U0-G5

Type IV Short



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CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° |
|-------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0° | 4340.0 | 4340.0 | 4340.0 | 4340.0 | 4340.0 | 4340.0 | 4340.0 | 4340.0 | 4340.0 | 4340.0 |
| 2.5° | 4667.3 | 4685.0 | 4702.8 | 4727.9 | 4753.1 | 4768.1 | 4783.0 | 4790.5 | 4798.0 | 4794.7 |
| 5° | 5018.7 | 5080.5 | 5142.4 | 5203.7 | 5265.2 | 5298.5 | 5331.8 | 5351.9 | 5372.3 | 5387.6 |
| 7.5° | 5371.8 | 5472.4 | 5572.8 | 5663.2 | 5753.6 | 5808.1 | 5862.6 | 5892.0 | 5921.3 | 5935.5 |
| 10° | 5642.4 | 5761.3 | 5880.2 | 5986.3 | 6092.4 | 6156.7 | 6220.6 | 6249.3 | 6277.7 | 6288.6 |
| 12.5° | 5808.1 | 5937.0 | 6065.7 | 6161.7 | 6257.3 | 6303.9 | 6350.5 | 6366.2 | 6381.8 | 6383.5 |
| 15° | 5908.9 | 6020.1 | 6131.2 | 6191.3 | 6251.6 | 6253.3 | 6254.9 | 6238.3 | 6221.6 | 6202.0 |
| 17.5° | 5965.5 | 6040.6 | 6115.7 | 6116.9 | 6117.9 | 6050.4 | 5983.0 | 5921.2 | 5859.2 | 5815.6 |
| 20° | 6027.9 | 6054.1 | 6080.4 | 6001.3 | 5922.2 | 5773.3 | 5624.4 | 5516.0 | 5407.6 | 5341.0 |
| 22.5° | 6100.4 | 6066.1 | 6031.8 | 5867.9 | 5704.0 | 5485.0 | 5266.0 | 5130.4 | 4994.9 | 4921.3 |
| 25° | 6193.6 | 6085.4 | 5977.1 | 5728.3 | 5479.5 | 5213.6 | 4947.6 | 4805.0 | 4662.8 | 4593.2 |
| 27.5° | 6320.2 | 6126.7 | 5933.0 | 5603.4 | 5274.0 | 4979.2 | 4684.5 | 4544.2 | 4404.2 | 4338.4 |
| 30° | 6490.9 | 6202.3 | 5913.9 | 5508.2 | 5102.5 | 4795.4 | 4488.3 | 4358.2 | 4228.1 | 4166.8 |
| 32.5° | 6692.4 | 6297.2 | 5902.2 | 5443.2 | 4984.2 | 4695.6 | 4407.0 | 4304.9 | 4202.7 | 4158.5 |
| 35° | 6937.2 | 6453.6 | 5970.1 | 5491.8 | 5013.7 | 4813.2 | 4612.8 | 4589.0 | 4565.2 | 4561.5 |
| 37.5° | 7349.4 | 6780.5 | 6211.6 | 5777.0 | 5342.3 | 5329.3 | 5316.3 | 5425.2 | 5534.1 | 5590.8 |
| 40° | 7972.3 | 7353.6 | 6734.9 | 6411.6 | 6088.4 | 6316.6 | 6544.7 | 6809.5 | 7074.3 | 7206.2 |
| 42.5° | 8798.3 | 8184.5 | 7570.6 | 7384.4 | 7198.2 | 7695.8 | 8193.5 | 8675.1 | 9156.7 | 9439.5 |
| 45° | 9818.4 | 9267.0 | 8715.4 | 8633.3 | 8551.0 | 9348.3 | 10145.7 | 10937.1 | 11728.6 | 12209.1 |
| 47.5° | 11094.1 | 10557.7 | 10021.1 | 10004.4 | 9987.8 | 11137.9 | 12287.7 | 13446.3 | 14604.8 | 15285.1 |
| 50° | 12766.2 | 12103.5 | 11441.0 | 11443.8 | 11446.7 | 12928.9 | 14411.1 | 15940.4 | 17469.8 | 18394.4 |
| 52.5° | 14685.5 | 13883.2 | 13080.9 | 12999.8 | 12918.6 | 14689.0 | 16459.5 | 18351.8 | 20243.8 | 21352.2 |
| 55° | 16729.0 | 15936.3 | 15143.5 | 14827.3 | 14511.0 | 16481.5 | 18451.9 | 20707.7 | 22963.4 | 24281.6 |
| 57.5° | 18587.6 | 18155.9 | 17724.1 | 17089.7 | 16455.5 | 18445.2 | 20434.9 | 22989.9 | 25544.8 | 27179.4 |
| 60° | 19710.9 | 20381.4 | 21052.1 | 20264.3 | 19476.6 | 21359.5 | 23242.4 | 25978.0 | 28713.6 | 30480.3 |
| 62.5° | 19140.5 | 20972.6 | 22804.7 | 22716.0 | 22627.0 | 24351.9 | 26076.9 | 28679.6 | 31282.1 | 32915.1 |
| 65° | 17998.9 | 19718.4 | 21437.9 | 21778.2 | 22118.3 | 24310.3 | 26502.4 | 29026.2 | 31549.8 | 32940.1 |
| 67.5° | 16469.2 | 18104.6 | 19740.1 | 19899.6 | 20059.0 | 22342.9 | 24626.7 | 27161.3 | 29695.8 | 30785.0 |
| 70° | 14631.4 | 16410.2 | 18189.2 | 18260.5 | 18332.0 | 20374.4 | 22416.7 | 24597.9 | 26778.9 | 27384.3 |
| 72.5° | 12441.4 | 14482.7 | 16524.2 | 16575.4 | 16626.6 | 18224.5 | 19822.5 | 21456.1 | 23089.5 | 23150.8 |
| 75° | 9671.0 | 11783.7 | 13896.5 | 14086.2 | 14275.9 | 15519.1 | 16762.3 | 17912.3 | 19062.2 | 18754.1 |
| 77.5° | 6909.8 | 8881.9 | 10854.3 | 11125.7 | 11397.2 | 12342.3 | 13287.4 | 14103.0 | 14918.7 | 14389.1 |
| 80° | 4522.4 | 6181.7 | 7840.7 | 8178.1 | 8515.6 | 9229.3 | 9942.8 | 10371.1 | 10799.3 | 9947.5 |
| 82.5° | 2628.8 | 3763.2 | 4897.6 | 5274.5 | 5651.6 | 6142.8 | 6634.1 | 6812.8 | 6991.4 | 6321.9 |
| 85° | 1156.6 | 1758.7 | 2360.7 | 2681.3 | 3001.9 | 3405.6 | 3809.1 | 3910.5 | 4012.0 | 3475.7 |
| 87.5° | 358.1 | 560.4 | 762.8 | 941.6 | 1120.5 | 1322.3 | 1524.2 | 1532.8 | 1541.3 | 1294.0 |
| 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):

| 50° | | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° |
|---------|-------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 4340.0 | 0° | 4340.0 | 4340.0 | 4340.0 | 4340.0 | 4340.0 | 4340.0 | 4340.0 | 4340.0 | 4340.0 | 4340.0 |
| 4798.0 | 2.5° | 4790.5 | 4783.0 | 4768.1 | 4753.1 | 4727.9 | 4702.8 | 4685.0 | 4667.3 | 4631.5 | 4595.7 |
| 5372.3 | 5° | 5351.9 | 5331.8 | 5298.5 | 5265.2 | 5203.7 | 5142.4 | 5080.5 | 5018.7 | 4939.6 | 4860.5 |
| 5921.3 | 7.5° | 5892.0 | 5862.6 | 5808.1 | 5753.6 | 5663.2 | 5572.8 | 5472.4 | 5371.8 | 5241.2 | 5110.8 |
| 6277.7 | 10° | 6249.3 | 6220.6 | 6156.7 | 6092.4 | 5986.3 | 5880.2 | 5761.3 | 5642.4 | 5477.4 | 5312.3 |
| 6381.8 | 12.5° | 6366.2 | 6350.5 | 6303.9 | 6257.3 | 6161.7 | 6065.7 | 5937.0 | 5808.1 | 5626.7 | 5445.5 |
| 6221.6 | 15° | 6238.3 | 6254.9 | 6253.3 | 6251.6 | 6191.3 | 6131.2 | 6020.1 | 5908.9 | 5719.8 | 5530.8 |
| 5859.2 | 17.5° | 5921.2 | 5983.0 | 6050.4 | 6117.9 | 6116.9 | 6115.7 | 6040.6 | 5965.5 | 5773.8 | 5582.1 |
| 5407.6 | 20° | 5516.0 | 5624.4 | 5773.3 | 5922.2 | 6001.3 | 6080.4 | 6054.1 | 6027.9 | 5828.8 | 5629.4 |
| 4994.9 | 22.5° | 5130.4 | 5266.0 | 5485.0 | 5704.0 | 5867.9 | 6031.8 | 6066.1 | 6100.4 | 5896.9 | 5693.2 |
| 4662.8 | 25° | 4805.0 | 4947.6 | 5213.6 | 5479.5 | 5728.3 | 5977.1 | 6085.4 | 6193.6 | 5994.1 | 5794.8 |
| 4404.2 | 27.5° | 4544.2 | 4684.5 | 4979.2 | 5274.0 | 5603.4 | 5933.0 | 6126.7 | 6320.2 | 6130.0 | 5939.7 |
| 4228.1 | 30° | 4358.2 | 4488.3 | 4795.4 | 5102.5 | 5508.2 | 5913.9 | 6202.3 | 6490.9 | 6307.1 | 6123.4 |
| 4202.7 | 32.5° | 4304.9 | 4407.0 | 4695.6 | 4984.2 | 5443.2 | 5902.2 | 6297.2 | 6692.4 | 6510.4 | 6328.5 |
| 4565.2 | 35° | 4589.0 | 4612.8 | 4813.2 | 5013.7 | 5491.8 | 5970.1 | 6453.6 | 6937.2 | 6763.0 | 6588.7 |
| 5534.1 | 37.5° | 5425.2 | 5316.3 | 5329.3 | 5342.3 | 5777.0 | 6211.6 | 6780.5 | 7349.4 | 7127.3 | 6905.1 |
| 7074.3 | 40° | 6809.5 | 6544.7 | 6316.6 | 6088.4 | 6411.6 | 6734.9 | 7353.6 | 7972.3 | 7648.5 | 7324.8 |
| 9156.7 | 42.5° | 8675.1 | 8193.5 | 7695.8 | 7198.2 | 7384.4 | 7570.6 | 8184.5 | 8798.3 | 8331.0 | 7863.7 |
| 11728.6 | 45° | 10937.1 | 10145.7 | 9348.3 | 8551.0 | 8633.3 | 8715.4 | 9267.0 | 9818.4 | 9188.0 | 8557.7 |
| 14604.8 | 47.5° | 13446.3 | 12287.7 | 11137.9 | 9987.8 | 10004.4 | 10021.1 | 10557.7 | 11094.1 | 10206.9 | 9319.6 |
| 17469.8 | 50° | 15940.4 | 14411.1 | 12928.9 | 11446.7 | 11443.8 | 11441.0 | 12103.5 | 12766.2 | 11428.7 | 10091.0 |
| 20243.8 | 52.5° | 18351.8 | 16459.5 | 14689.0 | 12918.6 | 12999.8 | 13080.9 | 13883.2 | 14685.5 | 12712.0 | 10738.5 |
| 22963.4 | 55° | 20707.7 | 18451.9 | 16481.5 | 14511.0 | 14827.3 | 15143.5 | 15936.3 | 16729.0 | 13849.8 | 10970.9 |
| 25544.8 | 57.5° | 22989.9 | 20434.9 | 18445.2 | 16455.5 | 17089.7 | 17724.1 | 18155.9 | 18587.6 | 14656.2 | 10724.9 |
| 28713.6 | 60° | 25978.0 | 23242.4 | 21359.5 | 19476.6 | 20264.3 | 21052.1 | 20381.4 | 19710.9 | 14857.7 | 10004.4 |
| 31282.1 | 62.5° | 28679.6 | 26076.9 | 24351.9 | 22627.0 | 22716.0 | 22804.7 | 20972.6 | 19140.5 | 14009.2 | 8877.9 |
| 31549.8 | 65° | 29026.2 | 26502.4 | 24310.3 | 22118.3 | 21778.2 | 21437.9 | 19718.4 | 17998.9 | 12808.6 | 7618.4 |
| 29695.8 | 67.5° | 27161.3 | 24626.7 | 22342.9 | 20059.0 | 19899.6 | 19740.1 | 18104.6 | 16469.2 | 11379.9 | 6290.6 |
| 26778.9 | 70° | 24597.9 | 22416.7 | 20374.4 | 18332.0 | 18260.5 | 18189.2 | 16410.2 | 14631.4 | 9820.9 | 5010.4 |
| 23089.5 | 72.5° | 21456.1 | 19822.5 | 18224.5 | 16626.6 | 16575.4 | 16524.2 | 14482.7 | 12441.4 | 8130.8 | 3820.4 |
| 19062.2 | 75° | 17912.3 | 16762.3 | 15519.1 | 14275.9 | 14086.2 | 13896.5 | 11783.7 | 9671.0 | 6193.5 | 2715.9 |
| 14918.7 | 77.5° | 14103.0 | 13287.4 | 12342.3 | 11397.2 | 11125.7 | 10854.3 | 8881.9 | 6909.8 | 4334.9 | 1760.0 |
| 10799.3 | 80° | 10371.1 | 9942.8 | 9229.3 | 8515.6 | 8178.1 | 7840.7 | 6181.7 | 4522.4 | 2792.9 | 1063.4 |
| 6991.4 | 82.5° | 6812.8 | 6634.1 | 6142.8 | 5651.6 | 5274.5 | 4897.6 | 3763.2 | 2628.8 | 1616.4 | 604.2 |
| 4012.0 | 85° | 3910.5 | 3809.1 | 3405.6 | 3001.9 | 2681.3 | 2360.7 | 1758.7 | 1156.6 | 727.1 | 297.8 |
| 1541.3 | 87.5° | 1532.8 | 1524.2 | 1322.3 | 1120.5 | 941.6 | 762.8 | 560.4 | 358.1 | 238.2 | 118.2 |
| 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):

| 105° | | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° |
|--------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 4340.0 | 0° | 4340.0 | 4340.0 | 4340.0 | 4340.0 | 4340.0 | 4340.0 | 4340.0 | 4340.0 | 4340.0 | 4340.0 |
| 4557.5 | 2.5° | 4519.6 | 4481.3 | 4443.0 | 4406.3 | 4369.7 | 4334.2 | 4294.7 | 4262.8 | 4231.0 | 4202.2 |
| 4781.5 | 5° | 4702.8 | 4623.3 | 4544.1 | 4469.9 | 4395.8 | 4325.9 | 4256.8 | 4196.5 | 4136.0 | 4085.4 |
| 4990.2 | 7.5° | 4869.6 | 4752.2 | 4634.8 | 4531.4 | 4428.0 | 4332.6 | 4243.1 | 4162.8 | 4082.7 | 4016.1 |
| 5152.9 | 10° | 4993.7 | 4851.2 | 4708.4 | 4586.2 | 4463.6 | 4345.9 | 4249.8 | 4165.2 | 4080.6 | 4014.0 |
| 5265.0 | 12.5° | 5084.5 | 4916.3 | 4748.1 | 4609.7 | 4471.3 | 4347.5 | 4258.1 | 4188.8 | 4119.9 | 4075.6 |
| 5335.0 | 15° | 5139.1 | 4945.4 | 4751.7 | 4591.5 | 4431.3 | 4294.2 | 4222.6 | 4189.5 | 4156.5 | 4162.5 |
| 5368.4 | 17.5° | 5154.8 | 4929.9 | 4705.1 | 4512.4 | 4319.7 | 4158.5 | 4114.4 | 4126.5 | 4138.5 | 4211.1 |
| 5394.6 | 20° | 5159.8 | 4887.3 | 4614.8 | 4376.0 | 4137.2 | 3949.5 | 3937.9 | 3994.5 | 4051.1 | 4177.2 |
| 5429.9 | 22.5° | 5166.4 | 4835.0 | 4503.6 | 4216.0 | 3928.4 | 3714.7 | 3737.5 | 3821.3 | 3905.0 | 4048.9 |
| 5493.8 | 25° | 5192.7 | 4783.4 | 4374.2 | 4037.3 | 3700.5 | 3481.5 | 3543.2 | 3639.7 | 3736.3 | 3865.7 |
| 5593.8 | 27.5° | 5247.7 | 4748.9 | 4250.1 | 3873.9 | 3497.7 | 3298.3 | 3373.3 | 3466.5 | 3559.8 | 3666.2 |
| 5723.2 | 30° | 5323.0 | 4732.7 | 4142.2 | 3737.3 | 3332.5 | 3165.1 | 3223.9 | 3297.8 | 3372.1 | 3460.4 |
| 5858.2 | 32.5° | 5387.9 | 4712.8 | 4037.3 | 3619.6 | 3201.7 | 3066.8 | 3093.0 | 3136.8 | 3180.6 | 3251.0 |
| 6012.1 | 35° | 5435.6 | 4675.1 | 3915.0 | 3503.8 | 3092.7 | 2980.2 | 2969.4 | 2981.4 | 2993.6 | 3047.4 |
| 6184.5 | 37.5° | 5463.9 | 4610.7 | 3757.5 | 3367.6 | 2977.7 | 2879.5 | 2839.8 | 2826.5 | 2813.2 | 2851.8 |
| 6403.3 | 40° | 5481.7 | 4521.9 | 3562.3 | 3205.1 | 2847.8 | 2758.7 | 2698.0 | 2667.8 | 2637.7 | 2665.5 |
| 6689.6 | 42.5° | 5515.5 | 4430.3 | 3345.5 | 3025.7 | 2706.0 | 2623.8 | 2547.2 | 2507.3 | 2467.3 | 2489.9 |
| 7066.3 | 45° | 5574.9 | 4345.2 | 3115.6 | 2835.2 | 2554.7 | 2471.5 | 2397.4 | 2358.4 | 2319.6 | 2338.6 |
| 7467.7 | 47.5° | 5615.7 | 4274.9 | 2934.1 | 2684.5 | 2434.8 | 2327.4 | 2263.6 | 2231.0 | 2198.3 | 2216.3 |
| 7840.1 | 50° | 5589.1 | 4198.3 | 2807.5 | 2584.4 | 2361.2 | 2220.0 | 2145.9 | 2116.9 | 2088.1 | 2116.1 |
| 8081.9 | 52.5° | 5425.1 | 4068.9 | 2712.9 | 2518.4 | 2324.1 | 2161.7 | 2058.1 | 2029.5 | 2001.0 | 2043.1 |
| 8028.6 | 55° | 5086.1 | 3854.4 | 2622.7 | 2470.6 | 2318.6 | 2167.5 | 2011.5 | 1966.2 | 1921.0 | 1980.8 |
| 7653.5 | 57.5° | 4582.4 | 3552.0 | 2521.4 | 2414.0 | 2306.6 | 2173.4 | 1983.5 | 1917.5 | 1851.6 | 1915.9 |
| 6955.6 | 60° | 3906.7 | 3159.3 | 2411.8 | 2327.4 | 2243.0 | 2155.0 | 1957.2 | 1871.7 | 1786.1 | 1842.6 |
| 6011.8 | 62.5° | 3145.6 | 2689.3 | 2233.0 | 2176.9 | 2120.9 | 2110.1 | 1926.5 | 1819.6 | 1712.9 | 1748.7 |
| 5048.8 | 65° | 2479.5 | 2266.5 | 2053.4 | 2027.0 | 2000.5 | 2001.8 | 1861.9 | 1748.3 | 1634.6 | 1648.4 |
| 4105.6 | 67.5° | 1920.5 | 1860.1 | 1799.5 | 1814.3 | 1828.9 | 1825.3 | 1746.7 | 1652.1 | 1557.5 | 1553.2 |
| 3232.6 | 70° | 1454.7 | 1472.1 | 1489.2 | 1557.8 | 1626.3 | 1626.3 | 1600.5 | 1533.2 | 1465.9 | 1450.9 |
| 2471.3 | 72.5° | 1122.2 | 1174.3 | 1226.6 | 1323.8 | 1420.9 | 1437.2 | 1437.6 | 1391.4 | 1345.3 | 1323.3 |
| 1793.6 | 75° | 871.3 | 918.6 | 965.9 | 1074.9 | 1183.8 | 1259.0 | 1252.7 | 1217.2 | 1181.6 | 1160.6 |
| 1215.4 | 77.5° | 670.8 | 703.0 | 735.3 | 841.0 | 946.8 | 1070.9 | 1067.5 | 1039.0 | 1010.6 | 989.3 |
| 783.1 | 80° | 503.0 | 516.3 | 529.6 | 619.2 | 708.6 | 856.9 | 856.4 | 832.5 | 808.6 | 790.7 |
| 481.6 | 82.5° | 359.4 | 361.7 | 364.4 | 430.3 | 496.3 | 622.9 | 629.9 | 618.2 | 606.5 | 593.9 |
| 257.5 | 85° | 217.3 | 216.2 | 214.8 | 263.1 | 311.4 | 405.5 | 414.7 | 402.2 | 389.7 | 375.5 |
| 106.8 | 87.5° | 95.3 | 94.1 | 92.9 | 112.6 | 132.4 | 171.5 | 183.2 | 178.2 | 173.2 | 170.5 |
| 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):

| 160° | | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° |
|--------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 4340.0 | 0° | 4340.0 | 4340.0 | 4340.0 | 4340.0 | 4340.0 | 4340.0 | 4340.0 | 4340.0 | 4340.0 | 4340.0 |
| 4173.5 | 2.5° | 4148.4 | 4123.2 | 4097.9 | 4072.7 | 4053.3 | 4033.6 | 4017.8 | 4002.0 | 3989.6 | 3977.3 |
| 4034.9 | 5° | 3990.3 | 3945.7 | 3905.2 | 3864.6 | 3833.4 | 3802.1 | 3780.3 | 3758.5 | 3743.0 | 3727.5 |
| 3949.5 | 7.5° | 3893.4 | 3837.1 | 3787.5 | 3738.0 | 3700.9 | 3663.9 | 3637.9 | 3611.9 | 3594.1 | 3576.5 |
| 3947.3 | 10° | 3886.9 | 3826.3 | 3770.5 | 3714.7 | 3670.4 | 3625.9 | 3596.9 | 3567.6 | 3550.8 | 3534.0 |
| 4031.6 | 12.5° | 3984.0 | 3936.7 | 3878.9 | 3821.3 | 3764.6 | 3708.0 | 3670.6 | 3633.1 | 3614.3 | 3595.6 |
| 4168.5 | 15° | 4156.2 | 4143.9 | 4093.7 | 4043.6 | 3963.0 | 3882.4 | 3825.4 | 3768.5 | 3742.3 | 3716.4 |
| 4283.8 | 17.5° | 4322.4 | 4360.9 | 4320.4 | 4280.1 | 4173.3 | 4066.6 | 3982.7 | 3898.7 | 3860.1 | 3821.3 |
| 4303.4 | 20° | 4384.2 | 4465.0 | 4446.3 | 4427.5 | 4305.4 | 4183.5 | 4080.6 | 3977.8 | 3928.4 | 3878.7 |
| 4193.2 | 22.5° | 4298.2 | 4403.3 | 4414.7 | 4425.8 | 4309.2 | 4192.7 | 4086.7 | 3980.7 | 3928.5 | 3876.2 |
| 3995.3 | 25° | 4098.7 | 4202.2 | 4240.8 | 4279.3 | 4183.7 | 4088.2 | 3994.0 | 3900.0 | 3854.7 | 3809.6 |
| 3772.5 | 27.5° | 3855.4 | 3938.4 | 3981.3 | 4024.5 | 3956.3 | 3888.4 | 3815.3 | 3742.2 | 3711.9 | 3681.4 |
| 3548.6 | 30° | 3617.4 | 3686.4 | 3721.3 | 3756.3 | 3704.5 | 3652.6 | 3600.3 | 3547.6 | 3532.2 | 3516.5 |
| 3321.7 | 32.5° | 3387.6 | 3453.7 | 3492.5 | 3531.5 | 3483.9 | 3436.1 | 3394.3 | 3352.5 | 3342.3 | 3332.1 |
| 3101.0 | 35° | 3166.3 | 3231.7 | 3278.4 | 3325.0 | 3291.0 | 3257.2 | 3218.6 | 3180.1 | 3164.6 | 3149.3 |
| 2890.3 | 37.5° | 2955.4 | 3020.7 | 3078.3 | 3136.0 | 3120.3 | 3104.6 | 3069.2 | 3033.5 | 3005.4 | 2977.4 |
| 2693.3 | 40° | 2756.2 | 2819.2 | 2885.5 | 2951.9 | 2955.8 | 2959.4 | 2929.3 | 2899.1 | 2858.2 | 2817.5 |
| 2512.8 | 42.5° | 2572.4 | 2632.2 | 2703.8 | 2775.4 | 2794.6 | 2813.7 | 2788.2 | 2762.9 | 2712.1 | 2661.3 |
| 2357.9 | 45° | 2414.5 | 2471.1 | 2545.4 | 2619.7 | 2647.2 | 2674.6 | 2651.7 | 2628.8 | 2570.7 | 2512.8 |
| 2234.1 | 47.5° | 2289.6 | 2344.9 | 2418.2 | 2491.4 | 2523.1 | 2554.7 | 2538.7 | 2522.8 | 2471.1 | 2419.5 |
| 2144.2 | 50° | 2196.5 | 2248.6 | 2314.2 | 2379.9 | 2420.5 | 2461.1 | 2460.1 | 2459.5 | 2418.2 | 2376.9 |
| 2085.1 | 52.5° | 2133.1 | 2180.8 | 2242.0 | 2303.3 | 2351.4 | 2399.5 | 2408.2 | 2416.8 | 2383.2 | 2349.6 |
| 2040.5 | 55° | 2092.1 | 2143.7 | 2197.3 | 2250.8 | 2301.8 | 2352.9 | 2364.9 | 2376.9 | 2347.6 | 2318.2 |
| 1980.2 | 57.5° | 2040.8 | 2101.4 | 2154.4 | 2207.5 | 2259.0 | 2310.3 | 2322.4 | 2334.6 | 2304.9 | 2275.3 |
| 1898.9 | 60° | 1968.5 | 2038.1 | 2091.9 | 2145.9 | 2197.5 | 2249.1 | 2262.5 | 2275.8 | 2246.8 | 2218.0 |
| 1784.5 | 62.5° | 1865.6 | 1946.9 | 2004.3 | 2061.8 | 2109.1 | 2156.4 | 2169.2 | 2182.0 | 2155.9 | 2129.7 |
| 1662.1 | 65° | 1749.0 | 1836.1 | 1891.1 | 1946.0 | 1987.7 | 2029.3 | 2042.5 | 2055.4 | 2030.3 | 2005.1 |
| 1548.8 | 67.5° | 1629.1 | 1709.5 | 1761.7 | 1813.6 | 1849.6 | 1885.6 | 1898.4 | 1911.1 | 1887.9 | 1864.9 |
| 1435.9 | 70° | 1506.5 | 1577.1 | 1622.1 | 1667.1 | 1699.5 | 1732.0 | 1744.3 | 1756.7 | 1737.9 | 1719.0 |
| 1301.5 | 72.5° | 1357.1 | 1412.6 | 1453.2 | 1493.9 | 1525.7 | 1557.5 | 1572.1 | 1586.8 | 1571.1 | 1555.5 |
| 1139.5 | 75° | 1180.8 | 1222.1 | 1258.9 | 1295.7 | 1324.7 | 1353.6 | 1369.0 | 1384.3 | 1376.6 | 1369.0 |
| 967.9 | 77.5° | 1001.6 | 1035.0 | 1066.7 | 1098.3 | 1128.8 | 1159.1 | 1173.4 | 1187.8 | 1177.1 | 1166.1 |
| 772.7 | 80° | 800.7 | 828.5 | 855.2 | 881.8 | 905.0 | 928.0 | 946.9 | 965.9 | 961.3 | 956.8 |
| 581.2 | 82.5° | 578.9 | 576.6 | 567.2 | 557.9 | 607.2 | 656.5 | 688.8 | 721.1 | 719.1 | 717.0 |
| 361.4 | 85° | 349.4 | 337.2 | 311.4 | 285.6 | 331.7 | 378.0 | 418.0 | 458.0 | 454.7 | 451.3 |
| 167.9 | 87.5° | 167.4 | 166.9 | 147.2 | 127.4 | 146.7 | 166.2 | 182.4 | 198.5 | 194.5 | 190.2 |
| 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° |
|--------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 4340.0 | 0° | 4340.0 | 4340.0 | 4340.0 | 4340.0 | 4340.0 | 4340.0 | 4340.0 | 4340.0 | 4340.0 | 4340.0 |
| 3966.0 | 2.5° | 3954.5 | 3940.3 | 3954.5 | 3966.0 | 3977.3 | 3989.6 | 4002.0 | 4017.8 | 4033.6 | 4053.3 |
| 3715.7 | 5° | 3703.9 | 3692.2 | 3703.9 | 3715.7 | 3727.5 | 3743.0 | 3758.5 | 3780.3 | 3802.1 | 3833.4 |
| 3565.8 | 7.5° | 3555.3 | 3547.3 | 3555.3 | 3565.8 | 3576.5 | 3594.1 | 3611.9 | 3637.9 | 3663.9 | 3700.9 |
| 3525.0 | 10° | 3516.0 | 3512.3 | 3516.0 | 3525.0 | 3534.0 | 3550.8 | 3567.6 | 3596.9 | 3625.9 | 3670.4 |
| 3587.9 | 12.5° | 3580.3 | 3579.0 | 3580.3 | 3587.9 | 3595.6 | 3614.3 | 3633.1 | 3670.6 | 3708.0 | 3764.6 |
| 3706.4 | 15° | 3696.4 | 3695.5 | 3696.4 | 3706.4 | 3716.4 | 3742.3 | 3768.5 | 3825.4 | 3882.4 | 3963.0 |
| 3808.6 | 17.5° | 3795.8 | 3793.8 | 3795.8 | 3808.6 | 3821.3 | 3860.1 | 3898.7 | 3982.7 | 4066.6 | 4173.3 |
| 3862.9 | 20° | 3847.1 | 3842.1 | 3847.1 | 3862.9 | 3878.7 | 3928.4 | 3977.8 | 4080.6 | 4183.5 | 4305.4 |
| 3858.7 | 22.5° | 3841.3 | 3833.8 | 3841.3 | 3858.7 | 3876.2 | 3928.5 | 3980.7 | 4086.7 | 4192.7 | 4309.2 |
| 3793.1 | 25° | 3776.8 | 3767.1 | 3776.8 | 3793.1 | 3809.6 | 3854.7 | 3900.0 | 3994.0 | 4088.2 | 4183.7 |
| 3673.9 | 27.5° | 3666.4 | 3663.9 | 3666.4 | 3673.9 | 3681.4 | 3711.9 | 3742.2 | 3815.3 | 3888.4 | 3956.3 |
| 3516.5 | 30° | 3516.5 | 3519.0 | 3516.5 | 3516.5 | 3516.5 | 3532.2 | 3547.6 | 3600.3 | 3652.6 | 3704.5 |
| 3333.5 | 32.5° | 3335.0 | 3337.5 | 3335.0 | 3333.5 | 3332.1 | 3342.3 | 3352.5 | 3394.3 | 3436.1 | 3483.9 |
| 3146.0 | 35° | 3142.6 | 3141.0 | 3142.6 | 3146.0 | 3149.3 | 3164.6 | 3180.1 | 3218.6 | 3257.2 | 3291.0 |
| 2962.6 | 37.5° | 2947.8 | 2939.4 | 2947.8 | 2962.6 | 2977.4 | 3005.4 | 3033.5 | 3069.2 | 3104.6 | 3120.3 |
| 2789.9 | 40° | 2762.6 | 2746.3 | 2762.6 | 2789.9 | 2817.5 | 2858.2 | 2899.1 | 2929.3 | 2959.4 | 2955.8 |
| 2621.2 | 42.5° | 2581.0 | 2554.7 | 2581.0 | 2621.2 | 2661.3 | 2712.1 | 2762.9 | 2788.2 | 2813.7 | 2794.6 |
| 2465.6 | 45° | 2418.5 | 2388.2 | 2418.5 | 2465.6 | 2512.8 | 2570.7 | 2628.8 | 2651.7 | 2674.6 | 2647.2 |
| 2375.9 | 47.5° | 2332.4 | 2303.3 | 2332.4 | 2375.9 | 2419.5 | 2471.1 | 2522.8 | 2538.7 | 2554.7 | 2523.1 |
| 2336.6 | 50° | 2296.3 | 2268.3 | 2296.3 | 2336.6 | 2376.9 | 2418.2 | 2459.5 | 2460.1 | 2461.1 | 2420.5 |
| 2313.4 | 52.5° | 2277.4 | 2251.6 | 2277.4 | 2313.4 | 2349.6 | 2383.2 | 2416.8 | 2408.2 | 2399.5 | 2351.4 |
| 2286.6 | 55° | 2255.0 | 2231.6 | 2255.0 | 2286.6 | 2318.2 | 2347.6 | 2376.9 | 2364.9 | 2352.9 | 2301.8 |
| 2244.0 | 57.5° | 2212.5 | 2188.3 | 2212.5 | 2244.0 | 2275.3 | 2304.9 | 2334.6 | 2322.4 | 2310.3 | 2259.0 |
| 2185.7 | 60° | 2153.4 | 2128.4 | 2153.4 | 2185.7 | 2218.0 | 2246.8 | 2275.8 | 2262.5 | 2249.1 | 2197.5 |
| 2095.7 | 62.5° | 2061.8 | 2031.8 | 2061.8 | 2095.7 | 2129.7 | 2155.9 | 2182.0 | 2169.2 | 2156.4 | 2109.1 |
| 1972.2 | 65° | 1939.4 | 1913.6 | 1939.4 | 1972.2 | 2005.1 | 2030.3 | 2055.4 | 2042.5 | 2029.3 | 1987.7 |
| 1834.3 | 67.5° | 1803.6 | 1780.3 | 1803.6 | 1834.3 | 1864.9 | 1887.9 | 1911.1 | 1898.4 | 1885.6 | 1849.6 |
| 1689.7 | 70° | 1660.4 | 1633.8 | 1660.4 | 1689.7 | 1719.0 | 1737.9 | 1756.7 | 1744.3 | 1732.0 | 1699.5 |
| 1527.5 | 72.5° | 1499.7 | 1473.9 | 1499.7 | 1527.5 | 1555.5 | 1571.1 | 1586.8 | 1572.1 | 1557.5 | 1525.7 |
| 1345.5 | 75° | 1322.0 | 1297.4 | 1322.0 | 1345.5 | 1369.0 | 1376.6 | 1384.3 | 1369.0 | 1353.6 | 1324.7 |
| 1142.5 | 77.5° | 1118.8 | 1099.2 | 1118.8 | 1142.5 | 1166.1 | 1177.1 | 1187.8 | 1173.4 | 1159.1 | 1128.8 |
| 925.0 | 80° | 893.0 | 856.0 | 893.0 | 925.0 | 956.8 | 961.3 | 965.9 | 946.9 | 928.0 | 905.0 |
| 690.1 | 82.5° | 663.2 | 639.5 | 663.2 | 690.1 | 717.0 | 719.1 | 721.1 | 688.8 | 656.5 | 607.2 |
| 430.3 | 85° | 409.4 | 388.0 | 409.4 | 430.3 | 451.3 | 454.7 | 458.0 | 418.0 | 378.0 | 331.7 |
| 179.5 | 87.5° | 168.5 | 158.2 | 168.5 | 179.5 | 190.2 | 194.5 | 198.5 | 182.4 | 166.2 | 146.7 |
| 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):

| 270° | | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° |
|--------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 4340.0 | 0° | 4340.0 | 4340.0 | 4340.0 | 4340.0 | 4340.0 | 4340.0 | 4340.0 | 4340.0 | 4340.0 | 4340.0 |
| 4072.7 | 2.5° | 4097.9 | 4123.2 | 4148.4 | 4173.5 | 4202.2 | 4231.0 | 4262.8 | 4294.7 | 4334.2 | 4369.7 |
| 3864.6 | 5° | 3905.2 | 3945.7 | 3990.3 | 4034.9 | 4085.4 | 4136.0 | 4196.5 | 4256.8 | 4325.9 | 4395.8 |
| 3738.0 | 7.5° | 3787.5 | 3837.1 | 3893.4 | 3949.5 | 4016.1 | 4082.7 | 4162.8 | 4243.1 | 4332.6 | 4428.0 |
| 3714.7 | 10° | 3770.5 | 3826.3 | 3886.9 | 3947.3 | 4014.0 | 4080.6 | 4165.2 | 4249.8 | 4345.9 | 4463.6 |
| 3821.3 | 12.5° | 3878.9 | 3936.7 | 3984.0 | 4031.6 | 4075.6 | 4119.9 | 4188.8 | 4258.1 | 4347.5 | 4471.3 |
| 4043.6 | 15° | 4093.7 | 4143.9 | 4156.2 | 4168.5 | 4162.5 | 4156.5 | 4189.5 | 4222.6 | 4294.2 | 4431.3 |
| 4280.1 | 17.5° | 4320.4 | 4360.9 | 4322.4 | 4283.8 | 4211.1 | 4138.5 | 4126.5 | 4114.4 | 4158.5 | 4319.7 |
| 4427.5 | 20° | 4446.3 | 4465.0 | 4384.2 | 4303.4 | 4177.2 | 4051.1 | 3994.5 | 3937.9 | 3949.5 | 4137.2 |
| 4425.8 | 22.5° | 4414.7 | 4403.3 | 4298.2 | 4193.2 | 4048.9 | 3905.0 | 3821.3 | 3737.5 | 3714.7 | 3928.4 |
| 4279.3 | 25° | 4240.8 | 4202.2 | 4098.7 | 3995.3 | 3865.7 | 3736.3 | 3639.7 | 3543.2 | 3481.5 | 3700.5 |
| 4024.5 | 27.5° | 3981.3 | 3938.4 | 3855.4 | 3772.5 | 3666.2 | 3559.8 | 3466.5 | 3373.3 | 3298.3 | 3497.7 |
| 3756.3 | 30° | 3721.3 | 3686.4 | 3617.4 | 3548.6 | 3460.4 | 3372.1 | 3297.8 | 3223.9 | 3165.1 | 3332.5 |
| 3531.5 | 32.5° | 3492.5 | 3453.7 | 3387.6 | 3321.7 | 3251.0 | 3180.6 | 3136.8 | 3093.0 | 3066.8 | 3201.7 |
| 3325.0 | 35° | 3278.4 | 3231.7 | 3166.3 | 3101.0 | 3047.4 | 2993.6 | 2981.4 | 2969.4 | 2980.2 | 3092.7 |
| 3136.0 | 37.5° | 3078.3 | 3020.7 | 2955.4 | 2890.3 | 2851.8 | 2813.2 | 2826.5 | 2839.8 | 2879.5 | 2977.7 |
| 2951.9 | 40° | 2885.5 | 2819.2 | 2756.2 | 2693.3 | 2665.5 | 2637.7 | 2667.8 | 2698.0 | 2758.7 | 2847.8 |
| 2775.4 | 42.5° | 2703.8 | 2632.2 | 2572.4 | 2512.8 | 2489.9 | 2467.3 | 2507.3 | 2547.2 | 2623.8 | 2706.0 |
| 2619.7 | 45° | 2545.4 | 2471.1 | 2414.5 | 2357.9 | 2338.6 | 2319.6 | 2358.4 | 2397.4 | 2471.5 | 2554.7 |
| 2491.4 | 47.5° | 2418.2 | 2344.9 | 2289.6 | 2234.1 | 2216.3 | 2198.3 | 2231.0 | 2263.6 | 2327.4 | 2434.8 |
| 2379.9 | 50° | 2314.2 | 2248.6 | 2196.5 | 2144.2 | 2116.1 | 2088.1 | 2116.9 | 2145.9 | 2220.0 | 2361.2 |
| 2303.3 | 52.5° | 2242.0 | 2180.8 | 2133.1 | 2085.1 | 2043.1 | 2001.0 | 2029.5 | 2058.1 | 2161.7 | 2324.1 |
| 2250.8 | 55° | 2197.3 | 2143.7 | 2092.1 | 2040.5 | 1980.8 | 1921.0 | 1966.2 | 2011.5 | 2167.5 | 2318.6 |
| 2207.5 | 57.5° | 2154.4 | 2101.4 | 2040.8 | 1980.2 | 1915.9 | 1851.6 | 1917.5 | 1983.5 | 2173.4 | 2306.6 |
| 2145.9 | 60° | 2091.9 | 2038.1 | 1968.5 | 1898.9 | 1842.6 | 1786.1 | 1871.7 | 1957.2 | 2155.0 | 2243.0 |
| 2061.8 | 62.5° | 2004.3 | 1946.9 | 1865.6 | 1784.5 | 1748.7 | 1712.9 | 1819.6 | 1926.5 | 2110.1 | 2120.9 |
| 1946.0 | 65° | 1891.1 | 1836.1 | 1749.0 | 1662.1 | 1648.4 | 1634.6 | 1748.3 | 1861.9 | 2001.8 | 2000.5 |
| 1813.6 | 67.5° | 1761.7 | 1709.5 | 1629.1 | 1548.8 | 1553.2 | 1557.5 | 1652.1 | 1746.7 | 1825.3 | 1828.9 |
| 1667.1 | 70° | 1622.1 | 1577.1 | 1506.5 | 1435.9 | 1450.9 | 1465.9 | 1533.2 | 1600.5 | 1626.3 | 1626.3 |
| 1493.9 | 72.5° | 1453.2 | 1412.6 | 1357.1 | 1301.5 | 1323.3 | 1345.3 | 1391.4 | 1437.6 | 1437.2 | 1420.9 |
| 1295.7 | 75° | 1258.9 | 1222.1 | 1180.8 | 1139.5 | 1160.6 | 1181.6 | 1217.2 | 1252.7 | 1259.0 | 1183.8 |
| 1098.3 | 77.5° | 1066.7 | 1035.0 | 1001.6 | 967.9 | 989.3 | 1010.6 | 1039.0 | 1067.5 | 1070.9 | 946.8 |
| 881.8 | 80° | 855.2 | 828.5 | 800.7 | 772.7 | 790.7 | 808.6 | 832.5 | 856.4 | 856.9 | 708.6 |
| 557.9 | 82.5° | 567.2 | 576.6 | 578.9 | 581.2 | 593.9 | 606.5 | 618.2 | 629.9 | 622.9 | 496.3 |
| 285.6 | 85° | 311.4 | 337.2 | 349.4 | 361.4 | 375.5 | 389.7 | 402.2 | 414.7 | 405.5 | 311.4 |
| 127.4 | 87.5° | 147.2 | 166.9 | 167.4 | 167.9 | 170.5 | 173.2 | 178.2 | 183.2 | 171.5 | 132.4 |
| 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° |
|--------|-------|--------|--------|--------|--------|---------|---------|---------|
| 4340.0 | 0° | 4340.0 | 4340.0 | 4340.0 | 4340.0 | 4340.0 | 4340.0 | 4340.0 |
| 4406.3 | 2.5° | 4443.0 | 4481.3 | 4519.6 | 4557.5 | 4595.7 | 4631.5 | 4667.3 |
| 4469.9 | 5° | 4544.1 | 4623.3 | 4702.8 | 4781.5 | 4860.5 | 4939.6 | 5018.7 |
| 4531.4 | 7.5° | 4634.8 | 4752.2 | 4869.6 | 4990.2 | 5110.8 | 5241.2 | 5371.8 |
| 4586.2 | 10° | 4708.4 | 4851.2 | 4993.7 | 5152.9 | 5312.3 | 5477.4 | 5642.4 |
| 4609.7 | 12.5° | 4748.1 | 4916.3 | 5084.5 | 5265.0 | 5445.5 | 5626.7 | 5808.1 |
| 4591.5 | 15° | 4751.7 | 4945.4 | 5139.1 | 5335.0 | 5530.8 | 5719.8 | 5908.9 |
| 4512.4 | 17.5° | 4705.1 | 4929.9 | 5154.8 | 5368.4 | 5582.1 | 5773.8 | 5965.5 |
| 4376.0 | 20° | 4614.8 | 4887.3 | 5159.8 | 5394.6 | 5629.4 | 5828.8 | 6027.9 |
| 4216.0 | 22.5° | 4503.6 | 4835.0 | 5166.4 | 5429.9 | 5693.2 | 5896.9 | 6100.4 |
| 4037.3 | 25° | 4374.2 | 4783.4 | 5192.7 | 5493.8 | 5794.8 | 5994.1 | 6193.6 |
| 3873.9 | 27.5° | 4250.1 | 4748.9 | 5247.7 | 5593.8 | 5939.7 | 6130.0 | 6320.2 |
| 3737.3 | 30° | 4142.2 | 4732.7 | 5323.0 | 5723.2 | 6123.4 | 6307.1 | 6490.9 |
| 3619.6 | 32.5° | 4037.3 | 4712.8 | 5387.9 | 5858.2 | 6328.5 | 6510.4 | 6692.4 |
| 3503.8 | 35° | 3915.0 | 4675.1 | 5435.6 | 6012.1 | 6588.7 | 6763.0 | 6937.2 |
| 3367.6 | 37.5° | 3757.5 | 4610.7 | 5463.9 | 6184.5 | 6905.1 | 7127.3 | 7349.4 |
| 3205.1 | 40° | 3562.3 | 4521.9 | 5481.7 | 6403.3 | 7324.8 | 7648.5 | 7972.3 |
| 3025.7 | 42.5° | 3345.5 | 4430.3 | 5515.5 | 6689.6 | 7863.7 | 8331.0 | 8798.3 |
| 2835.2 | 45° | 3115.6 | 4345.2 | 5574.9 | 7066.3 | 8557.7 | 9188.0 | 9818.4 |
| 2684.5 | 47.5° | 2934.1 | 4274.9 | 5615.7 | 7467.7 | 9319.6 | 10206.9 | 11094.1 |
| 2584.4 | 50° | 2807.5 | 4198.3 | 5589.1 | 7840.1 | 10091.0 | 11428.7 | 12766.2 |
| 2518.4 | 52.5° | 2712.9 | 4068.9 | 5425.1 | 8081.9 | 10738.5 | 12712.0 | 14685.5 |
| 2470.6 | 55° | 2622.7 | 3854.4 | 5086.1 | 8028.6 | 10970.9 | 13849.8 | 16729.0 |
| 2414.0 | 57.5° | 2521.4 | 3552.0 | 4582.4 | 7653.5 | 10724.9 | 14656.2 | 18587.6 |
| 2327.4 | 60° | 2411.8 | 3159.3 | 3906.7 | 6955.6 | 10004.4 | 14857.7 | 19710.9 |
| 2176.9 | 62.5° | 2233.0 | 2689.3 | 3145.6 | 6011.8 | 8877.9 | 14009.2 | 19140.5 |
| 2027.0 | 65° | 2053.4 | 2266.5 | 2479.5 | 5048.8 | 7618.4 | 12808.6 | 17998.9 |
| 1814.3 | 67.5° | 1799.5 | 1860.1 | 1920.5 | 4105.6 | 6290.6 | 11379.9 | 16469.2 |
| 1557.8 | 70° | 1489.2 | 1472.1 | 1454.7 | 3232.6 | 5010.4 | 9820.9 | 14631.4 |
| 1323.8 | 72.5° | 1226.6 | 1174.3 | 1122.2 | 2471.3 | 3820.4 | 8130.8 | 12441.4 |
| 1074.9 | 75° | 965.9 | 918.6 | 871.3 | 1793.6 | 2715.9 | 6193.5 | 9671.0 |
| 841.0 | 77.5° | 735.3 | 703.0 | 670.8 | 1215.4 | 1760.0 | 4334.9 | 6909.8 |
| 619.2 | 80° | 529.6 | 516.3 | 503.0 | 783.1 | 1063.4 | 2792.9 | 4522.4 |
| 430.3 | 82.5° | 364.4 | 361.7 | 359.4 | 481.6 | 604.2 | 1616.4 | 2628.8 |
| 263.1 | 85° | 214.8 | 216.2 | 217.3 | 257.5 | 297.8 | 727.1 | 1156.6 |
| 112.6 | 87.5° | 92.9 | 94.1 | 95.3 | 106.8 | 118.2 | 238.2 | 358.1 |
| 0.0 | 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

(END OF REPORT)