

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: P953681

Luminaire Tested: **GALN-SB7A-930-U-SLL**

Issue Date: 1/21/2025

Test Information

Test Method: LM-79-08
Report Number: P953681
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-SB7A-930-U-SLL
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(7) 90 CRI, 3000K, 350mA LIGHTSQUARES WITH 26 LEDS EACH AND SPILL LIGHT
ELIMINATOR LEFT OPTICS
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 22113 lumens
Efficiency: N/A
Efficacy: 111.1 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

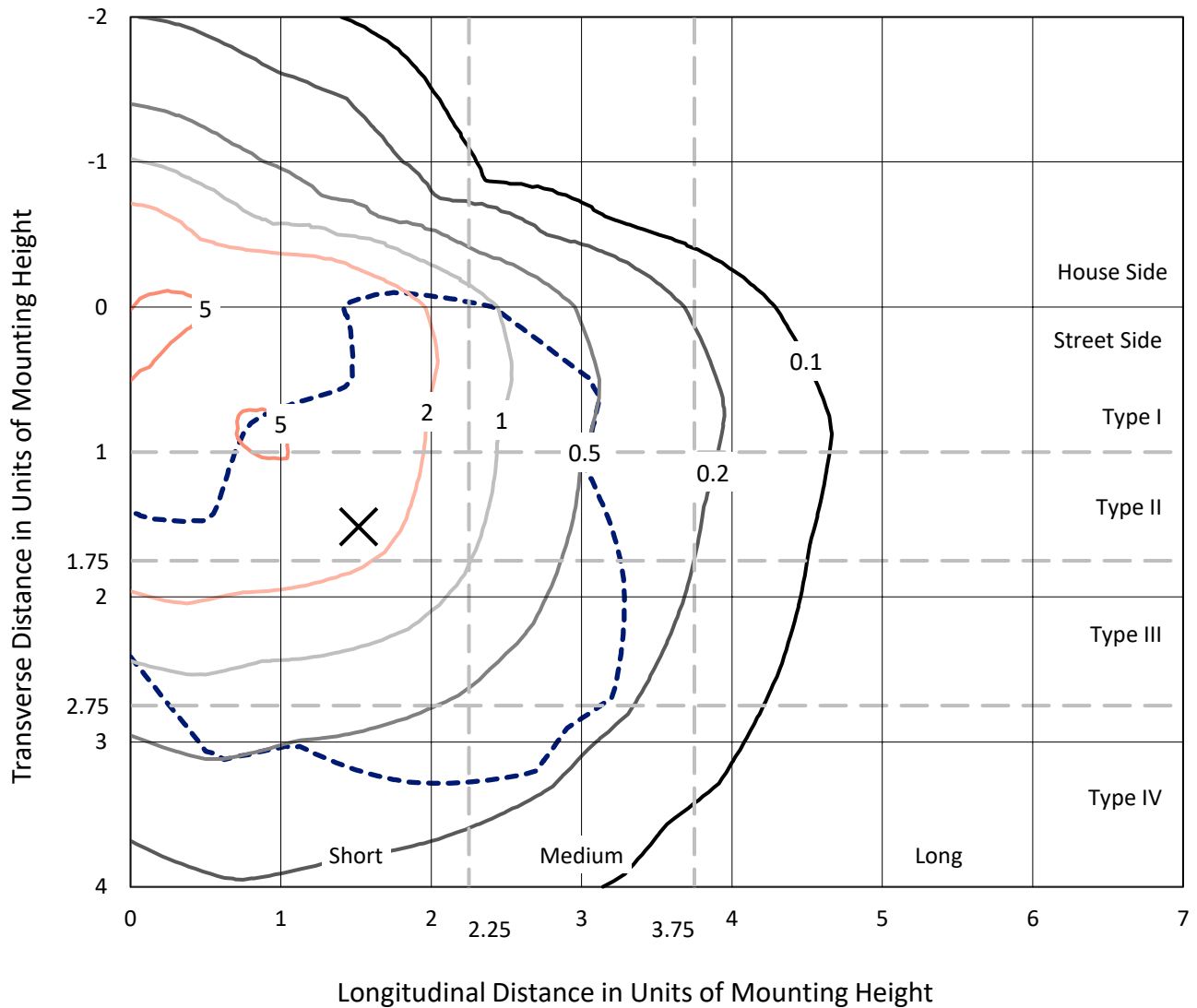
Input Watts (W): 199.1
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



REPORT NUMBER: P953681
 CATALOG NUMBER: GALN-SB7A-930-U-SLL

Iso-Footcandle Lines of Horizontal Illumination

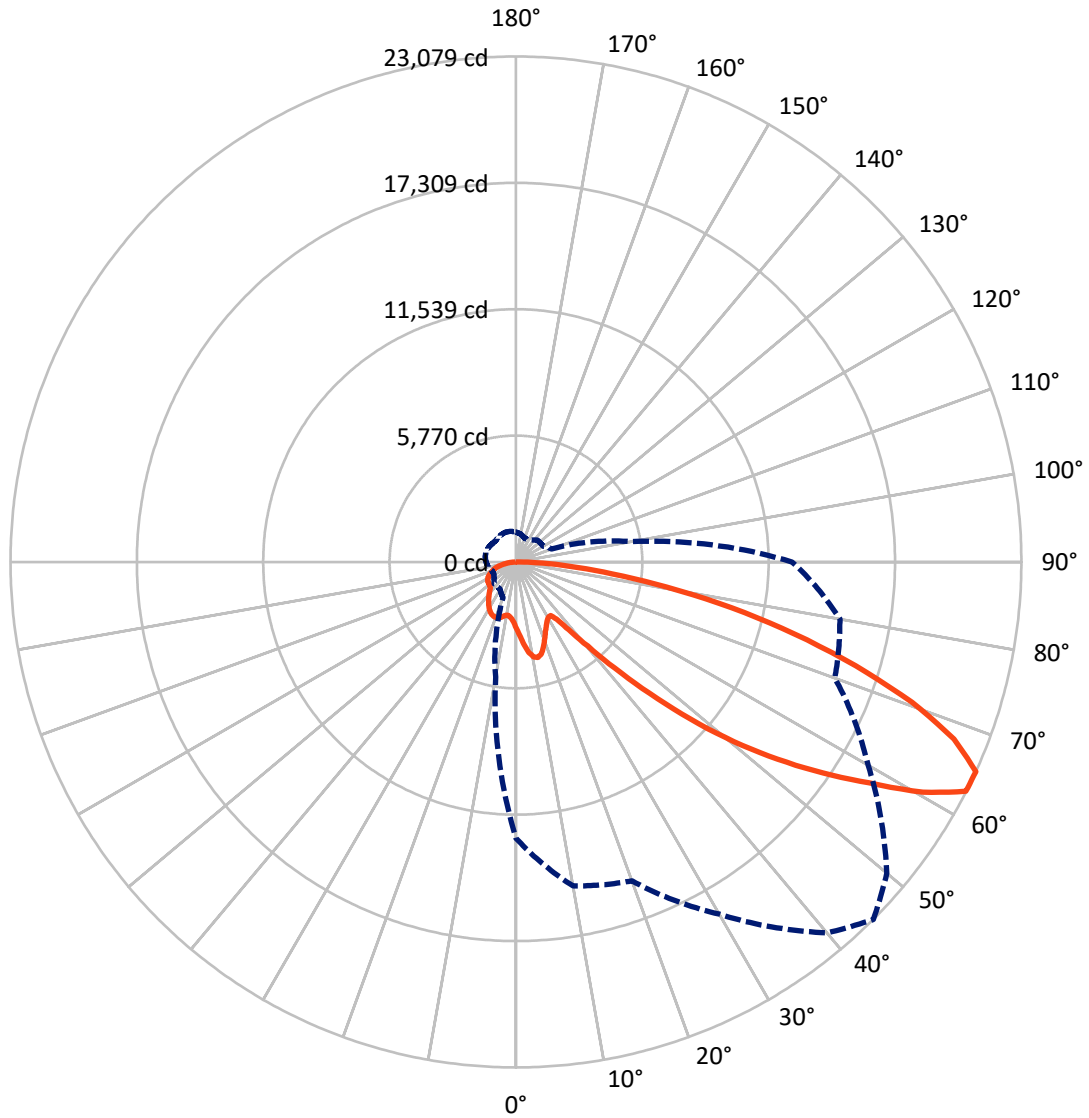
✕ Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 6.7 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 | 5620.0 | 0.0 | 5620.0 |
| | % Fixture | 25.4 | 0.0 | 25.4 |
| Street Side | Lumens | 16493.0 | 0.0 | 16493.0 |
| | % Fixture | 74.6 | 0.0 | 74.6 |
| Total | Lumens | 22113.0 | 0.0 | 22113.0 |
| | % Fixture | 100.0 | 0.0 | 100.0 |

Coefficient of Utilization

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|---------|-----------|
| 0°-10° | 301.6 | 1.4 |
| 10°-20° | 946.9 | 4.3 |
| 20°-30° | 1462.6 | 6.6 |
| 30°-40° | 1853.5 | 8.4 |
| 40°-50° | 2795.6 | 12.6 |
| 50°-60° | 4516.7 | 20.4 |
| 60°-70° | 5630.8 | 25.5 |
| 70°-80° | 3692.4 | 16.7 |
| 80°-90° | 912.8 | 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° | 22113.0 | 100.0 |
| 0°-180° | 22113.0 | 100.0 |



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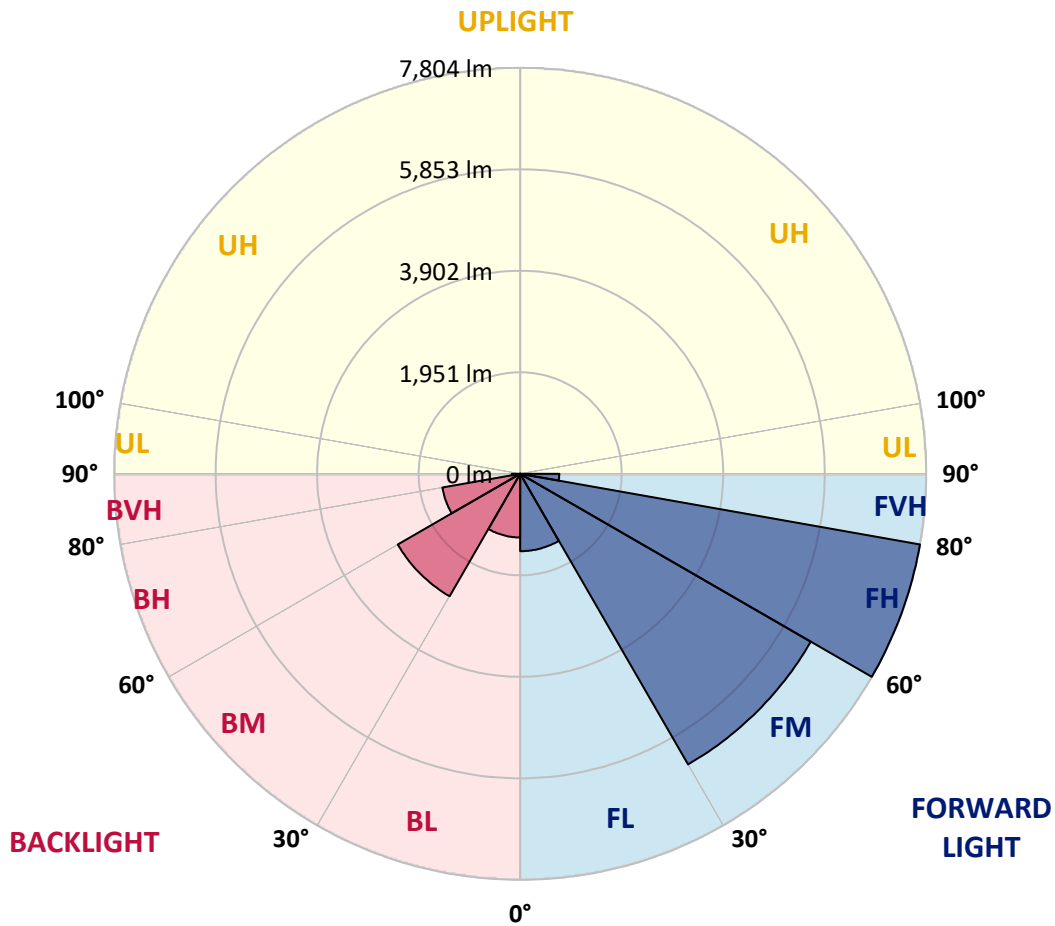
CATALOG NUMBER: GALN-SB7A-930-U-SLL

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

| Zone | Lumens | % Fixture | Zone Rating/Lumen Limit | | |
|----------------|--------|-----------|-------------------------|------|----------|
| | | | B | U | G |
| FL (0°-30°) | 1487.4 | 6.7 | | | |
| FM (30°-60°) | 6449.9 | 29.2 | | | |
| FH (60°-80°) | 7803.8 | 35.3 | | | G4/12000 |
| FVH (80°-90°) | 752.0 | 3.4 | | | G5 |
| BL (0°-30°) | 1223.8 | 5.5 | B3/2500 | | |
| BM (30°-60°) | 2715.9 | 12.3 | B3/5000 | | |
| BH (60°-80°) | 1519.4 | 6.9 | B3/2500 | | G3/2500 |
| BVH (80°-90°) | 160.9 | 0.7 | | | G2/225 |
| 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° | 3040.7 | 3040.7 | 3040.7 | 3040.7 | 3040.7 | 3040.7 | 3040.7 | 3040.7 | 3040.7 | 3040.7 |
| 2.5° | 3270.0 | 3282.4 | 3294.9 | 3312.5 | 3330.1 | 3340.6 | 3351.1 | 3356.4 | 3361.6 | 3359.3 |
| 5° | 3516.2 | 3559.5 | 3602.9 | 3645.8 | 3688.9 | 3712.2 | 3735.6 | 3749.7 | 3763.9 | 3774.7 |
| 7.5° | 3763.6 | 3834.0 | 3904.4 | 3967.8 | 4031.1 | 4069.3 | 4107.4 | 4128.1 | 4148.6 | 4158.5 |
| 10° | 3953.2 | 4036.5 | 4119.8 | 4194.1 | 4268.5 | 4313.5 | 4358.3 | 4378.4 | 4398.3 | 4405.9 |
| 12.5° | 4069.3 | 4159.6 | 4249.8 | 4317.0 | 4384.0 | 4416.6 | 4449.3 | 4460.3 | 4471.2 | 4472.4 |
| 15° | 4139.9 | 4217.8 | 4295.6 | 4337.8 | 4380.0 | 4381.2 | 4382.3 | 4370.7 | 4359.0 | 4345.2 |
| 17.5° | 4179.5 | 4232.2 | 4284.8 | 4285.6 | 4286.3 | 4239.1 | 4191.8 | 4148.5 | 4105.1 | 4074.5 |
| 20° | 4223.3 | 4241.6 | 4260.1 | 4204.6 | 4149.2 | 4044.9 | 3940.6 | 3864.6 | 3788.7 | 3742.0 |
| 22.5° | 4274.1 | 4250.0 | 4226.0 | 4111.2 | 3996.4 | 3842.9 | 3689.5 | 3594.5 | 3499.5 | 3447.9 |
| 25° | 4339.4 | 4263.6 | 4187.7 | 4013.4 | 3839.1 | 3652.7 | 3466.4 | 3366.5 | 3266.9 | 3218.1 |
| 27.5° | 4428.1 | 4292.5 | 4156.8 | 3925.9 | 3695.1 | 3488.6 | 3282.0 | 3183.8 | 3085.7 | 3039.6 |
| 30° | 4547.7 | 4345.5 | 4143.4 | 3859.1 | 3574.9 | 3359.7 | 3144.6 | 3053.4 | 2962.3 | 2919.4 |
| 32.5° | 4688.9 | 4412.0 | 4135.2 | 3813.6 | 3492.1 | 3289.8 | 3087.6 | 3016.1 | 2944.5 | 2913.5 |
| 35° | 4860.4 | 4521.5 | 4182.8 | 3847.7 | 3512.7 | 3372.2 | 3231.9 | 3215.2 | 3198.5 | 3195.9 |
| 37.5° | 5149.2 | 4750.6 | 4352.0 | 4047.5 | 3742.9 | 3733.8 | 3724.7 | 3801.0 | 3877.3 | 3917.0 |
| 40° | 5585.6 | 5152.1 | 4718.6 | 4492.1 | 4265.7 | 4425.5 | 4585.4 | 4770.9 | 4956.4 | 5048.8 |
| 42.5° | 6164.3 | 5734.2 | 5304.1 | 5173.7 | 5043.2 | 5391.9 | 5740.5 | 6078.0 | 6415.4 | 6613.5 |
| 45° | 6879.0 | 6492.6 | 6106.2 | 6048.7 | 5991.0 | 6549.6 | 7108.3 | 7662.7 | 8217.3 | 8553.9 |
| 47.5° | 7772.8 | 7396.9 | 7021.0 | 7009.3 | 6997.6 | 7803.4 | 8609.0 | 9420.8 | 10232.4 | 10709.1 |
| 50° | 8944.2 | 8480.0 | 8015.8 | 8017.8 | 8019.8 | 9058.2 | 10096.7 | 11168.2 | 12239.7 | 12887.5 |
| 52.5° | 10289.0 | 9726.8 | 9164.8 | 9107.9 | 9051.0 | 10291.5 | 11531.9 | 12857.6 | 14183.3 | 14959.8 |
| 55° | 11720.7 | 11165.3 | 10609.9 | 10388.3 | 10166.7 | 11547.3 | 12927.8 | 14508.2 | 16088.7 | 17012.2 |
| 57.5° | 13022.9 | 12720.4 | 12417.9 | 11973.4 | 11529.1 | 12923.1 | 14317.1 | 16107.2 | 17897.2 | 19042.5 |
| 60° | 13809.9 | 14279.6 | 14749.5 | 14197.6 | 13645.7 | 14964.9 | 16284.1 | 18200.7 | 20117.3 | 21355.1 |
| 62.5° | 13410.2 | 14693.9 | 15977.5 | 15915.3 | 15853.0 | 17061.4 | 18270.0 | 20093.5 | 21916.9 | 23061.0 |
| 65° | 12610.4 | 13815.1 | 15019.9 | 15258.2 | 15496.5 | 17032.3 | 18568.2 | 20336.4 | 22104.4 | 23078.5 |
| 67.5° | 11538.7 | 12684.5 | 13830.3 | 13942.1 | 14053.7 | 15653.9 | 17254.0 | 19029.8 | 20805.5 | 21568.6 |
| 70° | 10251.1 | 11497.4 | 12743.8 | 12793.7 | 12843.8 | 14274.7 | 15705.6 | 17233.8 | 18761.9 | 19186.0 |
| 72.5° | 8716.7 | 10146.9 | 11577.2 | 11613.1 | 11648.9 | 12768.5 | 13888.1 | 15032.6 | 16177.0 | 16219.9 |
| 75° | 6775.7 | 8255.9 | 9736.2 | 9869.1 | 10002.0 | 10873.0 | 11744.0 | 12549.7 | 13355.4 | 13139.5 |
| 77.5° | 4841.1 | 6222.9 | 7604.7 | 7794.9 | 7985.1 | 8647.3 | 9309.5 | 9880.8 | 10452.4 | 10081.3 |
| 80° | 3168.5 | 4331.0 | 5493.4 | 5729.8 | 5966.2 | 6466.3 | 6966.1 | 7266.2 | 7566.2 | 6969.4 |
| 82.5° | 1841.8 | 2636.5 | 3431.4 | 3695.4 | 3959.6 | 4303.8 | 4648.0 | 4773.2 | 4898.3 | 4429.2 |
| 85° | 810.4 | 1232.2 | 1654.0 | 1878.6 | 2103.2 | 2386.0 | 2668.7 | 2739.8 | 2810.9 | 2435.1 |
| 87.5° | 250.9 | 392.6 | 534.4 | 659.7 | 785.0 | 926.5 | 1067.9 | 1073.9 | 1079.9 | 906.6 |
| 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° |
|---------|-------|---------|---------|---------|---------|---------|---------|---------|---------|---------|--------|
| 3040.7 | 0° | 3040.7 | 3040.7 | 3040.7 | 3040.7 | 3040.7 | 3040.7 | 3040.7 | 3040.7 | 3040.7 | 3040.7 |
| 3361.6 | 2.5° | 3356.4 | 3351.1 | 3340.6 | 3330.1 | 3312.5 | 3294.9 | 3282.4 | 3270.0 | 3244.9 | 3219.8 |
| 3763.9 | 5° | 3749.7 | 3735.6 | 3712.2 | 3688.9 | 3645.8 | 3602.9 | 3559.5 | 3516.2 | 3460.8 | 3405.4 |
| 4148.6 | 7.5° | 4128.1 | 4107.4 | 4069.3 | 4031.1 | 3967.8 | 3904.4 | 3834.0 | 3763.6 | 3672.1 | 3580.7 |
| 4398.3 | 10° | 4378.4 | 4358.3 | 4313.5 | 4268.5 | 4194.1 | 4119.8 | 4036.5 | 3953.2 | 3837.5 | 3721.9 |
| 4471.2 | 12.5° | 4460.3 | 4449.3 | 4416.6 | 4384.0 | 4317.0 | 4249.8 | 4159.6 | 4069.3 | 3942.2 | 3815.3 |
| 4359.0 | 15° | 4370.7 | 4382.3 | 4381.2 | 4380.0 | 4337.8 | 4295.6 | 4217.8 | 4139.9 | 4007.4 | 3875.0 |
| 4105.1 | 17.5° | 4148.5 | 4191.8 | 4239.1 | 4286.3 | 4285.6 | 4284.8 | 4232.2 | 4179.5 | 4045.2 | 3910.9 |
| 3788.7 | 20° | 3864.6 | 3940.6 | 4044.9 | 4149.2 | 4204.6 | 4260.1 | 4241.6 | 4223.3 | 4083.7 | 3944.1 |
| 3499.5 | 22.5° | 3594.5 | 3689.5 | 3842.9 | 3996.4 | 4111.2 | 4226.0 | 4250.0 | 4274.1 | 4131.5 | 3988.8 |
| 3266.9 | 25° | 3366.5 | 3466.4 | 3652.7 | 3839.1 | 4013.4 | 4187.7 | 4263.6 | 4339.4 | 4199.6 | 4059.9 |
| 3085.7 | 27.5° | 3183.8 | 3282.0 | 3488.6 | 3695.1 | 3925.9 | 4156.8 | 4292.5 | 4428.1 | 4294.8 | 4161.5 |
| 2962.3 | 30° | 3053.4 | 3144.6 | 3359.7 | 3574.9 | 3859.1 | 4143.4 | 4345.5 | 4547.7 | 4418.9 | 4290.2 |
| 2944.5 | 32.5° | 3016.1 | 3087.6 | 3289.8 | 3492.1 | 3813.6 | 4135.2 | 4412.0 | 4688.9 | 4561.3 | 4433.9 |
| 3198.5 | 35° | 3215.2 | 3231.9 | 3372.2 | 3512.7 | 3847.7 | 4182.8 | 4521.5 | 4860.4 | 4738.3 | 4616.2 |
| 3877.3 | 37.5° | 3801.0 | 3724.7 | 3733.8 | 3742.9 | 4047.5 | 4352.0 | 4750.6 | 5149.2 | 4993.5 | 4837.9 |
| 4956.4 | 40° | 4770.9 | 4585.4 | 4425.5 | 4265.7 | 4492.1 | 4718.6 | 5152.1 | 5585.6 | 5358.7 | 5131.9 |
| 6415.4 | 42.5° | 6078.0 | 5740.5 | 5391.9 | 5043.2 | 5173.7 | 5304.1 | 5734.2 | 6164.3 | 5836.9 | 5509.5 |
| 8217.3 | 45° | 7662.7 | 7108.3 | 6549.6 | 5991.0 | 6048.7 | 6106.2 | 6492.6 | 6879.0 | 6437.3 | 5995.7 |
| 10232.4 | 47.5° | 9420.8 | 8609.0 | 7803.4 | 6997.6 | 7009.3 | 7021.0 | 7396.9 | 7772.8 | 7151.2 | 6529.5 |
| 12239.7 | 50° | 11168.2 | 10096.7 | 9058.2 | 8019.8 | 8017.8 | 8015.8 | 8480.0 | 8944.2 | 8007.2 | 7070.0 |
| 14183.3 | 52.5° | 12857.6 | 11531.9 | 10291.5 | 9051.0 | 9107.9 | 9164.8 | 9726.8 | 10289.0 | 8906.3 | 7523.6 |
| 16088.7 | 55° | 14508.2 | 12927.8 | 11547.3 | 10166.7 | 10388.3 | 10609.9 | 11165.3 | 11720.7 | 9703.5 | 7686.4 |
| 17897.2 | 57.5° | 16107.2 | 14317.1 | 12923.1 | 11529.1 | 11973.4 | 12417.9 | 12720.4 | 13022.9 | 10268.5 | 7514.1 |
| 20117.3 | 60° | 18200.7 | 16284.1 | 14964.9 | 13645.7 | 14197.6 | 14749.5 | 14279.6 | 13809.9 | 10409.7 | 7009.3 |
| 21916.9 | 62.5° | 20093.5 | 18270.0 | 17061.4 | 15853.0 | 15915.3 | 15977.5 | 14693.9 | 13410.2 | 9815.2 | 6220.1 |
| 22104.4 | 65° | 20336.4 | 18568.2 | 17032.3 | 15496.5 | 15258.2 | 15019.9 | 13815.1 | 12610.4 | 8974.0 | 5337.6 |
| 20805.5 | 67.5° | 19029.8 | 17254.0 | 15653.9 | 14053.7 | 13942.1 | 13830.3 | 12684.5 | 11538.7 | 7973.0 | 4407.3 |
| 18761.9 | 70° | 17233.8 | 15705.6 | 14274.7 | 12843.8 | 12793.7 | 12743.8 | 11497.4 | 10251.1 | 6880.7 | 3510.4 |
| 16177.0 | 72.5° | 15032.6 | 13888.1 | 12768.5 | 11648.9 | 11613.1 | 11577.2 | 10146.9 | 8716.7 | 5696.6 | 2676.7 |
| 13355.4 | 75° | 12549.7 | 11744.0 | 10873.0 | 10002.0 | 9869.1 | 9736.2 | 8255.9 | 6775.7 | 4339.3 | 1902.8 |
| 10452.4 | 77.5° | 9880.8 | 9309.5 | 8647.3 | 7985.1 | 7794.9 | 7604.7 | 6222.9 | 4841.1 | 3037.1 | 1233.1 |
| 7566.2 | 80° | 7266.2 | 6966.1 | 6466.3 | 5966.2 | 5729.8 | 5493.4 | 4331.0 | 3168.5 | 1956.8 | 745.0 |
| 4898.3 | 82.5° | 4773.2 | 4648.0 | 4303.8 | 3959.6 | 3695.4 | 3431.4 | 2636.5 | 1841.8 | 1132.5 | 423.3 |
| 2810.9 | 85° | 2739.8 | 2668.7 | 2386.0 | 2103.2 | 1878.6 | 1654.0 | 1232.2 | 810.4 | 509.4 | 208.6 |
| 1079.9 | 87.5° | 1073.9 | 1067.9 | 926.5 | 785.0 | 659.7 | 534.4 | 392.6 | 250.9 | 166.9 | 82.8 |
| 0.0 | 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

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CANDELA DISTRIBUTION (continued):

| 105° | | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° |
|--------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 3040.7 | 0° | 3040.7 | 3040.7 | 3040.7 | 3040.7 | 3040.7 | 3040.7 | 3040.7 | 3040.7 | 3040.7 | 3040.7 |
| 3193.1 | 2.5° | 3166.5 | 3139.7 | 3112.8 | 3087.2 | 3061.5 | 3036.6 | 3009.0 | 2986.6 | 2964.3 | 2944.1 |
| 3350.1 | 5° | 3294.9 | 3239.2 | 3183.7 | 3131.7 | 3079.8 | 3030.8 | 2982.4 | 2940.1 | 2897.8 | 2862.3 |
| 3496.3 | 7.5° | 3411.8 | 3329.5 | 3247.3 | 3174.8 | 3102.3 | 3035.5 | 2972.8 | 2916.6 | 2860.5 | 2813.8 |
| 3610.3 | 10° | 3498.7 | 3398.8 | 3298.8 | 3213.2 | 3127.3 | 3044.8 | 2977.5 | 2918.2 | 2858.9 | 2812.3 |
| 3688.8 | 12.5° | 3562.3 | 3444.4 | 3326.6 | 3229.6 | 3132.7 | 3046.0 | 2983.3 | 2934.8 | 2886.5 | 2855.4 |
| 3737.8 | 15° | 3600.6 | 3464.9 | 3329.2 | 3216.9 | 3104.7 | 3008.6 | 2958.5 | 2935.2 | 2912.1 | 2916.3 |
| 3761.2 | 17.5° | 3611.5 | 3454.0 | 3296.5 | 3161.5 | 3026.5 | 2913.5 | 2882.6 | 2891.1 | 2899.5 | 2950.4 |
| 3779.6 | 20° | 3615.0 | 3424.1 | 3233.3 | 3065.9 | 2898.6 | 2767.1 | 2758.9 | 2798.6 | 2838.3 | 2926.6 |
| 3804.3 | 22.5° | 3619.7 | 3387.5 | 3155.3 | 2953.8 | 2752.3 | 2602.6 | 2618.6 | 2677.3 | 2736.0 | 2836.8 |
| 3849.1 | 25° | 3638.1 | 3351.3 | 3064.6 | 2828.6 | 2592.7 | 2439.2 | 2482.4 | 2550.1 | 2617.8 | 2708.4 |
| 3919.1 | 27.5° | 3676.6 | 3327.2 | 2977.7 | 2714.1 | 2450.6 | 2310.9 | 2363.4 | 2428.7 | 2494.1 | 2568.6 |
| 4009.8 | 30° | 3729.4 | 3315.9 | 2902.1 | 2618.5 | 2334.8 | 2217.5 | 2258.7 | 2310.5 | 2362.6 | 2424.4 |
| 4104.4 | 32.5° | 3774.9 | 3301.9 | 2828.6 | 2536.0 | 2243.2 | 2148.7 | 2167.0 | 2197.7 | 2228.4 | 2277.7 |
| 4212.2 | 35° | 3808.3 | 3275.5 | 2743.0 | 2454.9 | 2166.8 | 2088.0 | 2080.4 | 2088.8 | 2097.4 | 2135.0 |
| 4333.0 | 37.5° | 3828.1 | 3230.3 | 2632.6 | 2359.4 | 2086.3 | 2017.4 | 1989.7 | 1980.3 | 1971.0 | 1998.1 |
| 4486.3 | 40° | 3840.6 | 3168.1 | 2495.8 | 2245.5 | 1995.3 | 1932.8 | 1890.2 | 1869.1 | 1848.0 | 1867.5 |
| 4686.9 | 42.5° | 3864.3 | 3104.0 | 2343.9 | 2119.9 | 1895.8 | 1838.3 | 1784.6 | 1756.6 | 1728.6 | 1744.5 |
| 4950.8 | 45° | 3905.9 | 3044.3 | 2182.9 | 1986.4 | 1789.9 | 1731.6 | 1679.6 | 1652.3 | 1625.1 | 1638.4 |
| 5232.0 | 47.5° | 3934.5 | 2995.1 | 2055.7 | 1880.8 | 1705.9 | 1630.6 | 1585.9 | 1563.1 | 1540.2 | 1552.8 |
| 5492.9 | 50° | 3915.8 | 2941.4 | 1967.0 | 1810.7 | 1654.3 | 1555.4 | 1503.4 | 1483.1 | 1463.0 | 1482.6 |
| 5662.3 | 52.5° | 3800.9 | 2850.8 | 1900.7 | 1764.5 | 1628.3 | 1514.5 | 1442.0 | 1421.9 | 1401.9 | 1431.5 |
| 5625.0 | 55° | 3563.5 | 2700.5 | 1837.5 | 1731.0 | 1624.4 | 1518.6 | 1409.3 | 1377.5 | 1345.9 | 1387.8 |
| 5362.2 | 57.5° | 3210.5 | 2488.6 | 1766.6 | 1691.3 | 1616.0 | 1522.7 | 1389.7 | 1343.5 | 1297.3 | 1342.3 |
| 4873.2 | 60° | 2737.1 | 2213.5 | 1689.8 | 1630.6 | 1571.5 | 1509.9 | 1371.2 | 1311.4 | 1251.4 | 1291.0 |
| 4212.0 | 62.5° | 2203.9 | 1884.2 | 1564.5 | 1525.1 | 1485.9 | 1478.4 | 1349.8 | 1274.9 | 1200.1 | 1225.2 |
| 3537.3 | 65° | 1737.2 | 1587.9 | 1438.7 | 1420.1 | 1401.6 | 1402.5 | 1304.5 | 1224.9 | 1145.2 | 1154.9 |
| 2876.4 | 67.5° | 1345.6 | 1303.2 | 1260.7 | 1271.1 | 1281.4 | 1278.8 | 1223.8 | 1157.5 | 1091.2 | 1088.2 |
| 2264.8 | 70° | 1019.2 | 1031.4 | 1043.4 | 1091.4 | 1139.4 | 1139.4 | 1121.3 | 1074.2 | 1027.0 | 1016.5 |
| 1731.4 | 72.5° | 786.2 | 822.7 | 859.4 | 927.5 | 995.5 | 1007.0 | 1007.2 | 974.9 | 942.6 | 927.2 |
| 1256.7 | 75° | 610.5 | 643.6 | 676.8 | 753.1 | 829.4 | 882.1 | 877.7 | 852.8 | 827.9 | 813.2 |
| 851.5 | 77.5° | 470.0 | 492.5 | 515.2 | 589.2 | 663.3 | 750.3 | 747.9 | 728.0 | 708.0 | 693.1 |
| 548.6 | 80° | 352.4 | 361.7 | 371.0 | 433.8 | 496.5 | 600.3 | 600.0 | 583.3 | 566.5 | 554.0 |
| 337.4 | 82.5° | 251.8 | 253.4 | 255.3 | 301.5 | 347.7 | 436.4 | 441.3 | 433.1 | 425.0 | 416.1 |
| 180.4 | 85° | 152.3 | 151.5 | 150.5 | 184.4 | 218.2 | 284.1 | 290.5 | 281.8 | 273.0 | 263.1 |
| 74.8 | 87.5° | 66.7 | 65.9 | 65.1 | 78.9 | 92.8 | 120.2 | 128.3 | 124.8 | 121.3 | 119.5 |
| 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° |
|--------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 3040.7 | 0° | 3040.7 | 3040.7 | 3040.7 | 3040.7 | 3040.7 | 3040.7 | 3040.7 | 3040.7 | 3040.7 | 3040.7 |
| 2924.0 | 2.5° | 2906.4 | 2888.8 | 2871.1 | 2853.5 | 2839.8 | 2826.0 | 2814.9 | 2803.9 | 2795.2 | 2786.6 |
| 2827.0 | 5° | 2795.7 | 2764.4 | 2736.1 | 2707.6 | 2685.8 | 2663.8 | 2648.6 | 2633.3 | 2622.4 | 2611.6 |
| 2767.1 | 7.5° | 2727.8 | 2688.3 | 2653.6 | 2618.9 | 2592.9 | 2567.0 | 2548.8 | 2530.6 | 2518.1 | 2505.7 |
| 2765.6 | 10° | 2723.2 | 2680.8 | 2641.7 | 2602.6 | 2571.6 | 2540.4 | 2520.1 | 2499.6 | 2487.8 | 2476.0 |
| 2824.6 | 12.5° | 2791.3 | 2758.1 | 2717.6 | 2677.3 | 2637.6 | 2597.9 | 2571.7 | 2545.4 | 2532.2 | 2519.2 |
| 2920.5 | 15° | 2911.9 | 2903.3 | 2868.2 | 2833.0 | 2776.6 | 2720.1 | 2680.2 | 2640.3 | 2622.0 | 2603.8 |
| 3001.3 | 17.5° | 3028.4 | 3055.3 | 3027.0 | 2998.7 | 2923.9 | 2849.1 | 2790.3 | 2731.5 | 2704.5 | 2677.3 |
| 3015.1 | 20° | 3071.6 | 3128.2 | 3115.2 | 3102.0 | 3016.5 | 2931.0 | 2858.9 | 2786.9 | 2752.3 | 2717.5 |
| 2937.8 | 22.5° | 3011.4 | 3085.1 | 3093.0 | 3100.8 | 3019.1 | 2937.5 | 2863.3 | 2788.9 | 2752.4 | 2715.8 |
| 2799.2 | 25° | 2871.7 | 2944.1 | 2971.2 | 2998.1 | 2931.2 | 2864.3 | 2798.3 | 2732.5 | 2700.7 | 2669.1 |
| 2643.1 | 27.5° | 2701.2 | 2759.3 | 2789.4 | 2819.6 | 2771.9 | 2724.3 | 2673.1 | 2621.8 | 2600.6 | 2579.3 |
| 2486.3 | 30° | 2534.4 | 2582.8 | 2607.3 | 2631.8 | 2595.5 | 2559.1 | 2522.4 | 2485.6 | 2474.7 | 2463.7 |
| 2327.2 | 32.5° | 2373.4 | 2419.7 | 2446.9 | 2474.2 | 2440.9 | 2407.4 | 2378.1 | 2348.8 | 2341.7 | 2334.6 |
| 2172.6 | 35° | 2218.4 | 2264.2 | 2296.9 | 2329.6 | 2305.7 | 2282.1 | 2255.0 | 2228.0 | 2217.2 | 2206.5 |
| 2025.0 | 37.5° | 2070.6 | 2116.4 | 2156.7 | 2197.1 | 2186.2 | 2175.2 | 2150.3 | 2125.4 | 2105.6 | 2086.0 |
| 1887.0 | 40° | 1931.1 | 1975.2 | 2021.6 | 2068.2 | 2070.9 | 2073.4 | 2052.3 | 2031.2 | 2002.5 | 1974.0 |
| 1760.5 | 42.5° | 1802.3 | 1844.2 | 1894.3 | 1944.5 | 1957.9 | 1971.3 | 1953.5 | 1935.8 | 1900.2 | 1864.6 |
| 1652.0 | 45° | 1691.7 | 1731.3 | 1783.4 | 1835.4 | 1854.7 | 1873.9 | 1857.8 | 1841.8 | 1801.1 | 1760.5 |
| 1565.3 | 47.5° | 1604.1 | 1642.9 | 1694.2 | 1745.6 | 1767.7 | 1789.9 | 1778.7 | 1767.5 | 1731.3 | 1695.2 |
| 1502.3 | 50° | 1538.9 | 1575.4 | 1621.4 | 1667.4 | 1695.9 | 1724.3 | 1723.6 | 1723.2 | 1694.2 | 1665.3 |
| 1460.9 | 52.5° | 1494.5 | 1527.9 | 1570.8 | 1613.7 | 1647.4 | 1681.2 | 1687.2 | 1693.3 | 1669.7 | 1646.1 |
| 1429.6 | 55° | 1465.8 | 1501.9 | 1539.5 | 1577.0 | 1612.7 | 1648.5 | 1656.9 | 1665.3 | 1644.7 | 1624.2 |
| 1387.3 | 57.5° | 1429.8 | 1472.3 | 1509.4 | 1546.6 | 1582.7 | 1618.6 | 1627.1 | 1635.6 | 1614.9 | 1594.1 |
| 1330.4 | 60° | 1379.2 | 1428.0 | 1465.6 | 1503.4 | 1539.6 | 1575.8 | 1585.1 | 1594.5 | 1574.2 | 1554.0 |
| 1250.2 | 62.5° | 1307.1 | 1364.0 | 1404.3 | 1444.5 | 1477.7 | 1510.8 | 1519.8 | 1528.8 | 1510.4 | 1492.1 |
| 1164.5 | 65° | 1225.4 | 1286.4 | 1324.9 | 1363.4 | 1392.6 | 1421.8 | 1431.0 | 1440.1 | 1422.5 | 1404.8 |
| 1085.1 | 67.5° | 1141.4 | 1197.7 | 1234.3 | 1270.7 | 1295.9 | 1321.1 | 1330.1 | 1338.9 | 1322.7 | 1306.6 |
| 1006.0 | 70° | 1055.5 | 1105.0 | 1136.5 | 1168.0 | 1190.7 | 1213.5 | 1222.1 | 1230.8 | 1217.6 | 1204.4 |
| 911.9 | 72.5° | 950.8 | 989.7 | 1018.2 | 1046.6 | 1068.9 | 1091.2 | 1101.5 | 1111.7 | 1100.8 | 1089.8 |
| 798.3 | 75° | 827.3 | 856.2 | 882.0 | 907.8 | 928.1 | 948.4 | 959.1 | 969.9 | 964.5 | 959.1 |
| 678.2 | 77.5° | 701.7 | 725.2 | 747.3 | 769.5 | 790.9 | 812.1 | 822.1 | 832.2 | 824.7 | 817.0 |
| 541.4 | 80° | 561.0 | 580.5 | 599.2 | 617.8 | 634.0 | 650.2 | 663.5 | 676.8 | 673.5 | 670.3 |
| 407.2 | 82.5° | 405.6 | 404.0 | 397.4 | 390.9 | 425.4 | 460.0 | 482.6 | 505.2 | 503.8 | 502.3 |
| 253.2 | 85° | 244.8 | 236.3 | 218.2 | 200.1 | 232.4 | 264.9 | 292.9 | 320.9 | 318.5 | 316.2 |
| 117.6 | 87.5° | 117.3 | 116.9 | 103.1 | 89.3 | 102.8 | 116.4 | 127.8 | 139.1 | 136.3 | 133.3 |
| 0.0 | 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

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CANDELA DISTRIBUTION (continued):

| 215° | | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° |
|--------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 3040.7 | 0° | 3040.7 | 3040.7 | 3040.7 | 3040.7 | 3040.7 | 3040.7 | 3040.7 | 3040.7 | 3040.7 | 3040.7 |
| 2778.7 | 2.5° | 2770.6 | 2760.7 | 2770.6 | 2778.7 | 2786.6 | 2795.2 | 2803.9 | 2814.9 | 2826.0 | 2839.8 |
| 2603.3 | 5° | 2595.0 | 2586.8 | 2595.0 | 2603.3 | 2611.6 | 2622.4 | 2633.3 | 2648.6 | 2663.8 | 2685.8 |
| 2498.3 | 7.5° | 2490.9 | 2485.3 | 2490.9 | 2498.3 | 2505.7 | 2518.1 | 2530.6 | 2548.8 | 2567.0 | 2592.9 |
| 2469.7 | 10° | 2463.4 | 2460.8 | 2463.4 | 2469.7 | 2476.0 | 2487.8 | 2499.6 | 2520.1 | 2540.4 | 2571.6 |
| 2513.8 | 12.5° | 2508.4 | 2507.5 | 2508.4 | 2513.8 | 2519.2 | 2532.2 | 2545.4 | 2571.7 | 2597.9 | 2637.6 |
| 2596.8 | 15° | 2589.8 | 2589.2 | 2589.8 | 2596.8 | 2603.8 | 2622.0 | 2640.3 | 2680.2 | 2720.1 | 2776.6 |
| 2668.4 | 17.5° | 2659.4 | 2658.0 | 2659.4 | 2668.4 | 2677.3 | 2704.5 | 2731.5 | 2790.3 | 2849.1 | 2923.9 |
| 2706.4 | 20° | 2695.3 | 2691.8 | 2695.3 | 2706.4 | 2717.5 | 2752.3 | 2786.9 | 2858.9 | 2931.0 | 3016.5 |
| 2703.5 | 22.5° | 2691.3 | 2686.0 | 2691.3 | 2703.5 | 2715.8 | 2752.4 | 2788.9 | 2863.3 | 2937.5 | 3019.1 |
| 2657.5 | 25° | 2646.1 | 2639.3 | 2646.1 | 2657.5 | 2669.1 | 2700.7 | 2732.5 | 2798.3 | 2864.3 | 2931.2 |
| 2574.0 | 27.5° | 2568.8 | 2567.0 | 2568.8 | 2574.0 | 2579.3 | 2600.6 | 2621.8 | 2673.1 | 2724.3 | 2771.9 |
| 2463.7 | 30° | 2463.7 | 2465.5 | 2463.7 | 2463.7 | 2463.7 | 2474.7 | 2485.6 | 2522.4 | 2559.1 | 2595.5 |
| 2335.5 | 32.5° | 2336.6 | 2338.3 | 2336.6 | 2335.5 | 2334.6 | 2341.7 | 2348.8 | 2378.1 | 2407.4 | 2440.9 |
| 2204.1 | 35° | 2201.8 | 2200.6 | 2201.8 | 2204.1 | 2206.5 | 2217.2 | 2228.0 | 2255.0 | 2282.1 | 2305.7 |
| 2075.7 | 37.5° | 2065.3 | 2059.4 | 2065.3 | 2075.7 | 2086.0 | 2105.6 | 2125.4 | 2150.3 | 2175.2 | 2186.2 |
| 1954.7 | 40° | 1935.5 | 1924.1 | 1935.5 | 1954.7 | 1974.0 | 2002.5 | 2031.2 | 2052.3 | 2073.4 | 2070.9 |
| 1836.5 | 42.5° | 1808.3 | 1789.9 | 1808.3 | 1836.5 | 1864.6 | 1900.2 | 1935.8 | 1953.5 | 1971.3 | 1957.9 |
| 1727.5 | 45° | 1694.5 | 1673.2 | 1694.5 | 1727.5 | 1760.5 | 1801.1 | 1841.8 | 1857.8 | 1873.9 | 1854.7 |
| 1664.6 | 47.5° | 1634.1 | 1613.7 | 1634.1 | 1664.6 | 1695.2 | 1731.3 | 1767.5 | 1778.7 | 1789.9 | 1767.7 |
| 1637.0 | 50° | 1608.8 | 1589.2 | 1608.8 | 1637.0 | 1665.3 | 1694.2 | 1723.2 | 1723.6 | 1724.3 | 1695.9 |
| 1620.8 | 52.5° | 1595.6 | 1577.5 | 1595.6 | 1620.8 | 1646.1 | 1669.7 | 1693.3 | 1687.2 | 1681.2 | 1647.4 |
| 1602.0 | 55° | 1579.9 | 1563.5 | 1579.9 | 1602.0 | 1624.2 | 1644.7 | 1665.3 | 1656.9 | 1648.5 | 1612.7 |
| 1572.2 | 57.5° | 1550.1 | 1533.2 | 1550.1 | 1572.2 | 1594.1 | 1614.9 | 1635.6 | 1627.1 | 1618.6 | 1582.7 |
| 1531.3 | 60° | 1508.7 | 1491.2 | 1508.7 | 1531.3 | 1554.0 | 1574.2 | 1594.5 | 1585.1 | 1575.8 | 1539.6 |
| 1468.3 | 62.5° | 1444.5 | 1423.5 | 1444.5 | 1468.3 | 1492.1 | 1510.4 | 1528.8 | 1519.8 | 1510.8 | 1477.7 |
| 1381.7 | 65° | 1358.8 | 1340.7 | 1358.8 | 1381.7 | 1404.8 | 1422.5 | 1440.1 | 1431.0 | 1421.8 | 1392.6 |
| 1285.1 | 67.5° | 1263.7 | 1247.3 | 1263.7 | 1285.1 | 1306.6 | 1322.7 | 1338.9 | 1330.1 | 1321.1 | 1295.9 |
| 1183.9 | 70° | 1163.3 | 1144.6 | 1163.3 | 1183.9 | 1204.4 | 1217.6 | 1230.8 | 1222.1 | 1213.5 | 1190.7 |
| 1070.2 | 72.5° | 1050.7 | 1032.6 | 1050.7 | 1070.2 | 1089.8 | 1100.8 | 1111.7 | 1101.5 | 1091.2 | 1068.9 |
| 942.7 | 75° | 926.2 | 909.0 | 926.2 | 942.7 | 959.1 | 964.5 | 969.9 | 959.1 | 948.4 | 928.1 |
| 800.4 | 77.5° | 783.9 | 770.1 | 783.9 | 800.4 | 817.0 | 824.7 | 832.2 | 822.1 | 812.1 | 790.9 |
| 648.1 | 80° | 625.6 | 599.7 | 625.6 | 648.1 | 670.3 | 673.5 | 676.8 | 663.5 | 650.2 | 634.0 |
| 483.5 | 82.5° | 464.6 | 448.1 | 464.6 | 483.5 | 502.3 | 503.8 | 505.2 | 482.6 | 460.0 | 425.4 |
| 301.5 | 85° | 286.8 | 271.9 | 286.8 | 301.5 | 316.2 | 318.5 | 320.9 | 292.9 | 264.9 | 232.4 |
| 125.8 | 87.5° | 118.1 | 110.8 | 118.1 | 125.8 | 133.3 | 136.3 | 139.1 | 127.8 | 116.4 | 102.8 |
| 0.0 | 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

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CANDELA DISTRIBUTION (continued):

| 270° | | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° |
|--------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 3040.7 | 0° | 3040.7 | 3040.7 | 3040.7 | 3040.7 | 3040.7 | 3040.7 | 3040.7 | 3040.7 | 3040.7 | 3040.7 |
| 2853.5 | 2.5° | 2871.1 | 2888.8 | 2906.4 | 2924.0 | 2944.1 | 2964.3 | 2986.6 | 3009.0 | 3036.6 | 3061.5 |
| 2707.6 | 5° | 2736.1 | 2764.4 | 2795.7 | 2827.0 | 2862.3 | 2897.8 | 2940.1 | 2982.4 | 3030.8 | 3079.8 |
| 2618.9 | 7.5° | 2653.6 | 2688.3 | 2727.8 | 2767.1 | 2813.8 | 2860.5 | 2916.6 | 2972.8 | 3035.5 | 3102.3 |
| 2602.6 | 10° | 2641.7 | 2680.8 | 2723.2 | 2765.6 | 2812.3 | 2858.9 | 2918.2 | 2977.5 | 3044.8 | 3127.3 |
| 2677.3 | 12.5° | 2717.6 | 2758.1 | 2791.3 | 2824.6 | 2855.4 | 2886.5 | 2934.8 | 2983.3 | 3046.0 | 3132.7 |
| 2833.0 | 15° | 2868.2 | 2903.3 | 2911.9 | 2920.5 | 2916.3 | 2912.1 | 2935.2 | 2958.5 | 3008.6 | 3104.7 |
| 2998.7 | 17.5° | 3027.0 | 3055.3 | 3028.4 | 3001.3 | 2950.4 | 2899.5 | 2891.1 | 2882.6 | 2913.5 | 3026.5 |
| 3102.0 | 20° | 3115.2 | 3128.2 | 3071.6 | 3015.1 | 2926.6 | 2838.3 | 2798.6 | 2758.9 | 2767.1 | 2898.6 |
| 3100.8 | 22.5° | 3093.0 | 3085.1 | 3011.4 | 2937.8 | 2836.8 | 2736.0 | 2677.3 | 2618.6 | 2602.6 | 2752.3 |
| 2998.1 | 25° | 2971.2 | 2944.1 | 2871.7 | 2799.2 | 2708.4 | 2617.8 | 2550.1 | 2482.4 | 2439.2 | 2592.7 |
| 2819.6 | 27.5° | 2789.4 | 2759.3 | 2701.2 | 2643.1 | 2568.6 | 2494.1 | 2428.7 | 2363.4 | 2310.9 | 2450.6 |
| 2631.8 | 30° | 2607.3 | 2582.8 | 2534.4 | 2486.3 | 2424.4 | 2362.6 | 2310.5 | 2258.7 | 2217.5 | 2334.8 |
| 2474.2 | 32.5° | 2446.9 | 2419.7 | 2373.4 | 2327.2 | 2277.7 | 2228.4 | 2197.7 | 2167.0 | 2148.7 | 2243.2 |
| 2329.6 | 35° | 2296.9 | 2264.2 | 2218.4 | 2172.6 | 2135.0 | 2097.4 | 2088.8 | 2080.4 | 2088.0 | 2166.8 |
| 2197.1 | 37.5° | 2156.7 | 2116.4 | 2070.6 | 2025.0 | 1998.1 | 1971.0 | 1980.3 | 1989.7 | 2017.4 | 2086.3 |
| 2068.2 | 40° | 2021.6 | 1975.2 | 1931.1 | 1887.0 | 1867.5 | 1848.0 | 1869.1 | 1890.2 | 1932.8 | 1995.3 |
| 1944.5 | 42.5° | 1894.3 | 1844.2 | 1802.3 | 1760.5 | 1744.5 | 1728.6 | 1756.6 | 1784.6 | 1838.3 | 1895.8 |
| 1835.4 | 45° | 1783.4 | 1731.3 | 1691.7 | 1652.0 | 1638.4 | 1625.1 | 1652.3 | 1679.6 | 1731.6 | 1789.9 |
| 1745.6 | 47.5° | 1694.2 | 1642.9 | 1604.1 | 1565.3 | 1552.8 | 1540.2 | 1563.1 | 1585.9 | 1630.6 | 1705.9 |
| 1667.4 | 50° | 1621.4 | 1575.4 | 1538.9 | 1502.3 | 1482.6 | 1463.0 | 1483.1 | 1503.4 | 1555.4 | 1654.3 |
| 1613.7 | 52.5° | 1570.8 | 1527.9 | 1494.5 | 1460.9 | 1431.5 | 1401.9 | 1421.9 | 1442.0 | 1514.5 | 1628.3 |
| 1577.0 | 55° | 1539.5 | 1501.9 | 1465.8 | 1429.6 | 1387.8 | 1345.9 | 1377.5 | 1409.3 | 1518.6 | 1624.4 |
| 1546.6 | 57.5° | 1509.4 | 1472.3 | 1429.8 | 1387.3 | 1342.3 | 1297.3 | 1343.5 | 1389.7 | 1522.7 | 1616.0 |
| 1503.4 | 60° | 1465.6 | 1428.0 | 1379.2 | 1330.4 | 1291.0 | 1251.4 | 1311.4 | 1371.2 | 1509.9 | 1571.5 |
| 1444.5 | 62.5° | 1404.3 | 1364.0 | 1307.1 | 1250.2 | 1225.2 | 1200.1 | 1274.9 | 1349.8 | 1478.4 | 1485.9 |
| 1363.4 | 65° | 1324.9 | 1286.4 | 1225.4 | 1164.5 | 1154.9 | 1145.2 | 1224.9 | 1304.5 | 1402.5 | 1401.6 |
| 1270.7 | 67.5° | 1234.3 | 1197.7 | 1141.4 | 1085.1 | 1088.2 | 1091.2 | 1157.5 | 1223.8 | 1278.8 | 1281.4 |
| 1168.0 | 70° | 1136.5 | 1105.0 | 1055.5 | 1006.0 | 1016.5 | 1027.0 | 1074.2 | 1121.3 | 1139.4 | 1139.4 |
| 1046.6 | 72.5° | 1018.2 | 989.7 | 950.8 | 911.9 | 927.2 | 942.6 | 974.9 | 1007.2 | 1007.0 | 995.5 |
| 907.8 | 75° | 882.0 | 856.2 | 827.3 | 798.3 | 813.2 | 827.9 | 852.8 | 877.7 | 882.1 | 829.4 |
| 769.5 | 77.5° | 747.3 | 725.2 | 701.7 | 678.2 | 693.1 | 708.0 | 728.0 | 747.9 | 750.3 | 663.3 |
| 617.8 | 80° | 599.2 | 580.5 | 561.0 | 541.4 | 554.0 | 566.5 | 583.3 | 600.0 | 600.3 | 496.5 |
| 390.9 | 82.5° | 397.4 | 404.0 | 405.6 | 407.2 | 416.1 | 425.0 | 433.1 | 441.3 | 436.4 | 347.7 |
| 200.1 | 85° | 218.2 | 236.3 | 244.8 | 253.2 | 263.1 | 273.0 | 281.8 | 290.5 | 284.1 | 218.2 |
| 89.3 | 87.5° | 103.1 | 116.9 | 117.3 | 117.6 | 119.5 | 121.3 | 124.8 | 128.3 | 120.2 | 92.8 |
| 0.0 | 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

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CANDELA DISTRIBUTION (continued):

| 325° | | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|--------|-------|--------|--------|--------|--------|--------|---------|---------|
| 3040.7 | 0° | 3040.7 | 3040.7 | 3040.7 | 3040.7 | 3040.7 | 3040.7 | 3040.7 |
| 3087.2 | 2.5° | 3112.8 | 3139.7 | 3166.5 | 3193.1 | 3219.8 | 3244.9 | 3270.0 |
| 3131.7 | 5° | 3183.7 | 3239.2 | 3294.9 | 3350.1 | 3405.4 | 3460.8 | 3516.2 |
| 3174.8 | 7.5° | 3247.3 | 3329.5 | 3411.8 | 3496.3 | 3580.7 | 3672.1 | 3763.6 |
| 3213.2 | 10° | 3298.8 | 3398.8 | 3498.7 | 3610.3 | 3721.9 | 3837.5 | 3953.2 |
| 3229.6 | 12.5° | 3326.6 | 3444.4 | 3562.3 | 3688.8 | 3815.3 | 3942.2 | 4069.3 |
| 3216.9 | 15° | 3329.2 | 3464.9 | 3600.6 | 3737.8 | 3875.0 | 4007.4 | 4139.9 |
| 3161.5 | 17.5° | 3296.5 | 3454.0 | 3611.5 | 3761.2 | 3910.9 | 4045.2 | 4179.5 |
| 3065.9 | 20° | 3233.3 | 3424.1 | 3615.0 | 3779.6 | 3944.1 | 4083.7 | 4223.3 |
| 2953.8 | 22.5° | 3155.3 | 3387.5 | 3619.7 | 3804.3 | 3988.8 | 4131.5 | 4274.1 |
| 2828.6 | 25° | 3064.6 | 3351.3 | 3638.1 | 3849.1 | 4059.9 | 4199.6 | 4339.4 |
| 2714.1 | 27.5° | 2977.7 | 3327.2 | 3676.6 | 3919.1 | 4161.5 | 4294.8 | 4428.1 |
| 2618.5 | 30° | 2902.1 | 3315.9 | 3729.4 | 4009.8 | 4290.2 | 4418.9 | 4547.7 |
| 2536.0 | 32.5° | 2828.6 | 3301.9 | 3774.9 | 4104.4 | 4433.9 | 4561.3 | 4688.9 |
| 2454.9 | 35° | 2743.0 | 3275.5 | 3808.3 | 4212.2 | 4616.2 | 4738.3 | 4860.4 |
| 2359.4 | 37.5° | 2632.6 | 3230.3 | 3828.1 | 4333.0 | 4837.9 | 4993.5 | 5149.2 |
| 2245.5 | 40° | 2495.8 | 3168.1 | 3840.6 | 4486.3 | 5131.9 | 5358.7 | 5585.6 |
| 2119.9 | 42.5° | 2343.9 | 3104.0 | 3864.3 | 4686.9 | 5509.5 | 5836.9 | 6164.3 |
| 1986.4 | 45° | 2182.9 | 3044.3 | 3905.9 | 4950.8 | 5995.7 | 6437.3 | 6879.0 |
| 1880.8 | 47.5° | 2055.7 | 2995.1 | 3934.5 | 5232.0 | 6529.5 | 7151.2 | 7772.8 |
| 1810.7 | 50° | 1967.0 | 2941.4 | 3915.8 | 5492.9 | 7070.0 | 8007.2 | 8944.2 |
| 1764.5 | 52.5° | 1900.7 | 2850.8 | 3800.9 | 5662.3 | 7523.6 | 8906.3 | 10289.0 |
| 1731.0 | 55° | 1837.5 | 2700.5 | 3563.5 | 5625.0 | 7686.4 | 9703.5 | 11720.7 |
| 1691.3 | 57.5° | 1766.6 | 2488.6 | 3210.5 | 5362.2 | 7514.1 | 10268.5 | 13022.9 |
| 1630.6 | 60° | 1689.8 | 2213.5 | 2737.1 | 4873.2 | 7009.3 | 10409.7 | 13809.9 |
| 1525.1 | 62.5° | 1564.5 | 1884.2 | 2203.9 | 4212.0 | 6220.1 | 9815.2 | 13410.2 |
| 1420.1 | 65° | 1438.7 | 1587.9 | 1737.2 | 3537.3 | 5337.6 | 8974.0 | 12610.4 |
| 1271.1 | 67.5° | 1260.7 | 1303.2 | 1345.6 | 2876.4 | 4407.3 | 7973.0 | 11538.7 |
| 1091.4 | 70° | 1043.4 | 1031.4 | 1019.2 | 2264.8 | 3510.4 | 6880.7 | 10251.1 |
| 927.5 | 72.5° | 859.4 | 822.7 | 786.2 | 1731.4 | 2676.7 | 5696.6 | 8716.7 |
| 753.1 | 75° | 676.8 | 643.6 | 610.5 | 1256.7 | 1902.8 | 4339.3 | 6775.7 |
| 589.2 | 77.5° | 515.2 | 492.5 | 470.0 | 851.5 | 1233.1 | 3037.1 | 4841.1 |
| 433.8 | 80° | 371.0 | 361.7 | 352.4 | 548.6 | 745.0 | 1956.8 | 3168.5 |
| 301.5 | 82.5° | 255.3 | 253.4 | 251.8 | 337.4 | 423.3 | 1132.5 | 1841.8 |
| 184.4 | 85° | 150.5 | 151.5 | 152.3 | 180.4 | 208.6 | 509.4 | 810.4 |
| 78.9 | 87.5° | 65.1 | 65.9 | 66.7 | 74.8 | 82.8 | 166.9 | 250.9 |
| 0.0 | 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

(END OF REPORT)