

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: P955783

Luminaire Tested: **GALN-SB8C-850-U-SLR**

Issue Date: 1/21/2025

Test Information

Test Method: LM-79-08
Report Number: P955783
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-SB8C-850-U-SLR
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(8) 80 CRI, 5000K, 615mA LIGHTSQUARES WITH 26 LEDS EACH AND SPILL LIGHT
ELIMINATOR RIGHT OPTICS
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 57718 lumens
Efficiency: N/A
Efficacy: 144.4 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B4 - U0 - G5

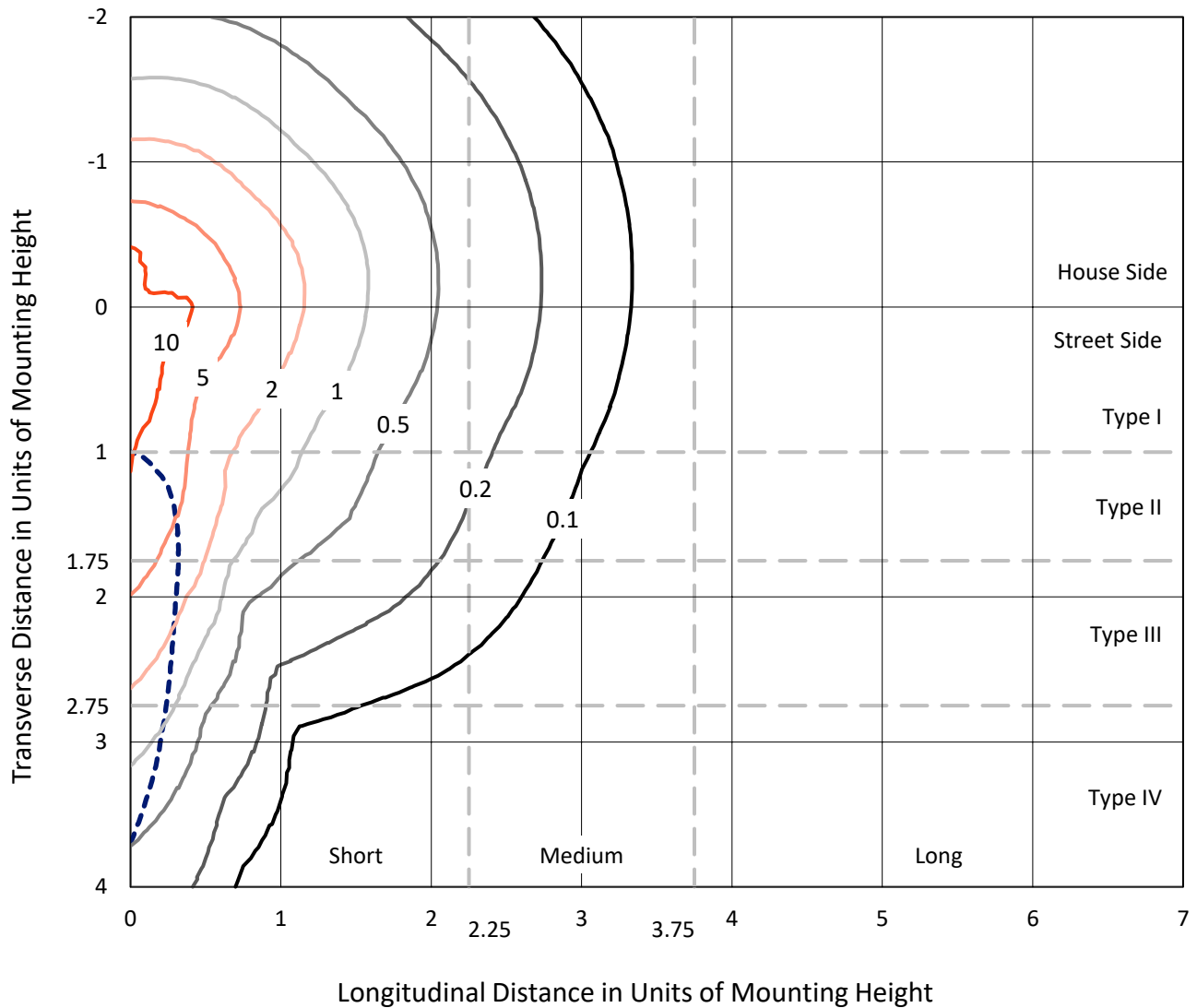
Input Watts (W): 399.8
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



REPORT NUMBER: P955783
 CATALOG NUMBER: GALN-SB8C-850-U-SLR

Iso-Footcandle Lines of Horizontal Illumination

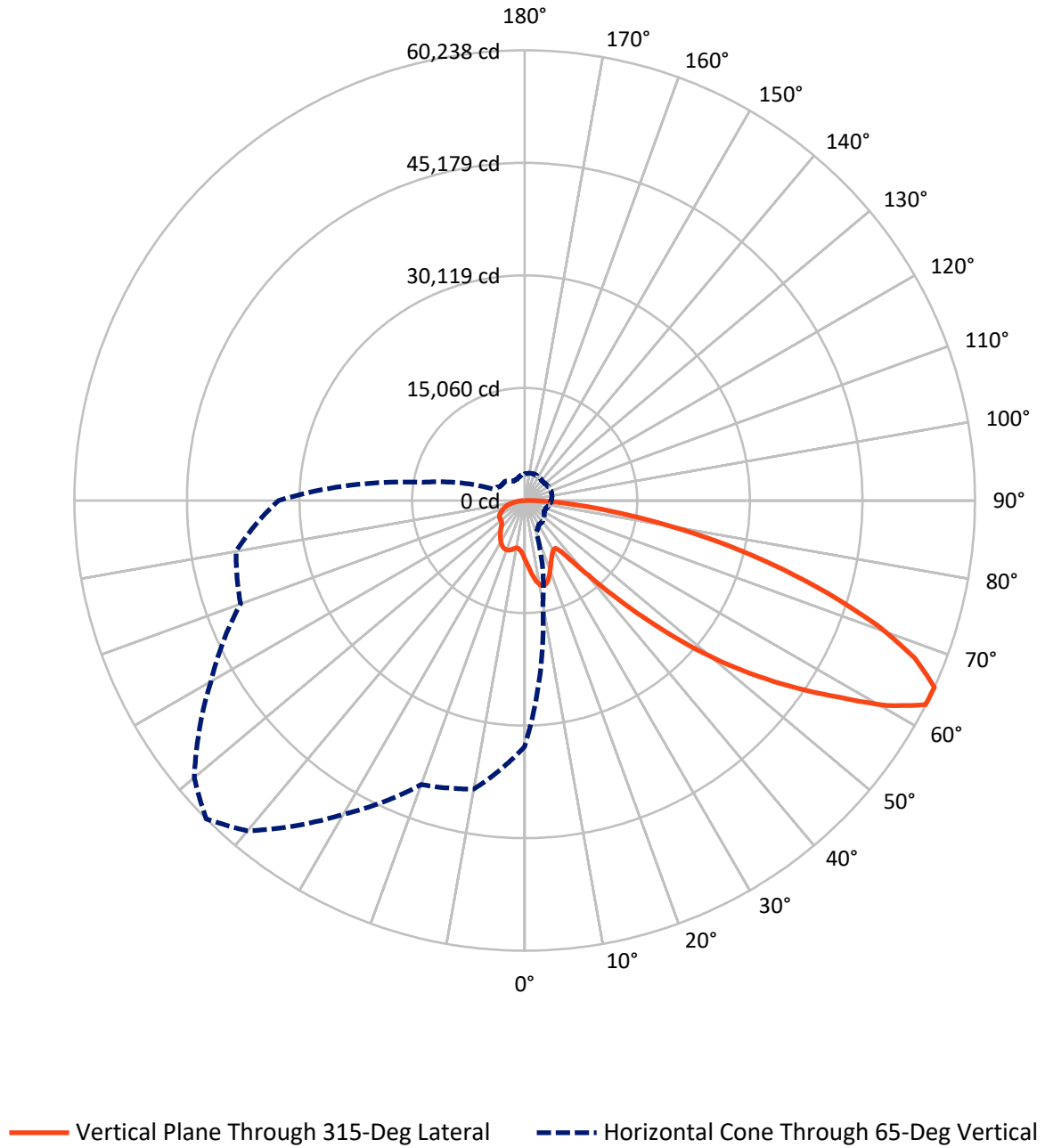
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 15.7 fc
 Type IV - Short - N/A

REPORT NUMBER: P955783
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Luminous Intensity Polar Plot



REPORT NUMBER: P955783

CATALOG NUMBER: GALN-SB8C-850-U-SLR

FLUX DISTRIBUTION:

| | | Downward | Upward | Total |
|--------------------|-----------|----------|--------|---------|
| House Side | Lumens | 14669.0 | 0.0 | 14669.0 |
| | % Fixture | 25.4 | 0.0 | 25.4 |
| Street Side | Lumens | 43049.0 | 0.0 | 43049.0 |
| | % Fixture | 74.6 | 0.0 | 74.6 |
| Total | Lumens | 57718.0 | 0.0 | 57718.0 |
| | % Fixture | 100.0 | 0.0 | 100.0 |

Coefficient of Utilization

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|---------|-----------|
| 0°-10° | 787.3 | 1.4 |
| 10°-20° | 2471.6 | 4.3 |
| 20°-30° | 3817.7 | 6.6 |
| 30°-40° | 4838.0 | 8.4 |
| 40°-50° | 7296.9 | 12.6 |
| 50°-60° | 11789.2 | 20.4 |
| 60°-70° | 14697.1 | 25.5 |
| 70°-80° | 9637.6 | 16.7 |
| 80°-90° | 2382.7 | 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° | 57718.0 | 100.0 |
| 0°-180° | 57718.0 | 100.0 |



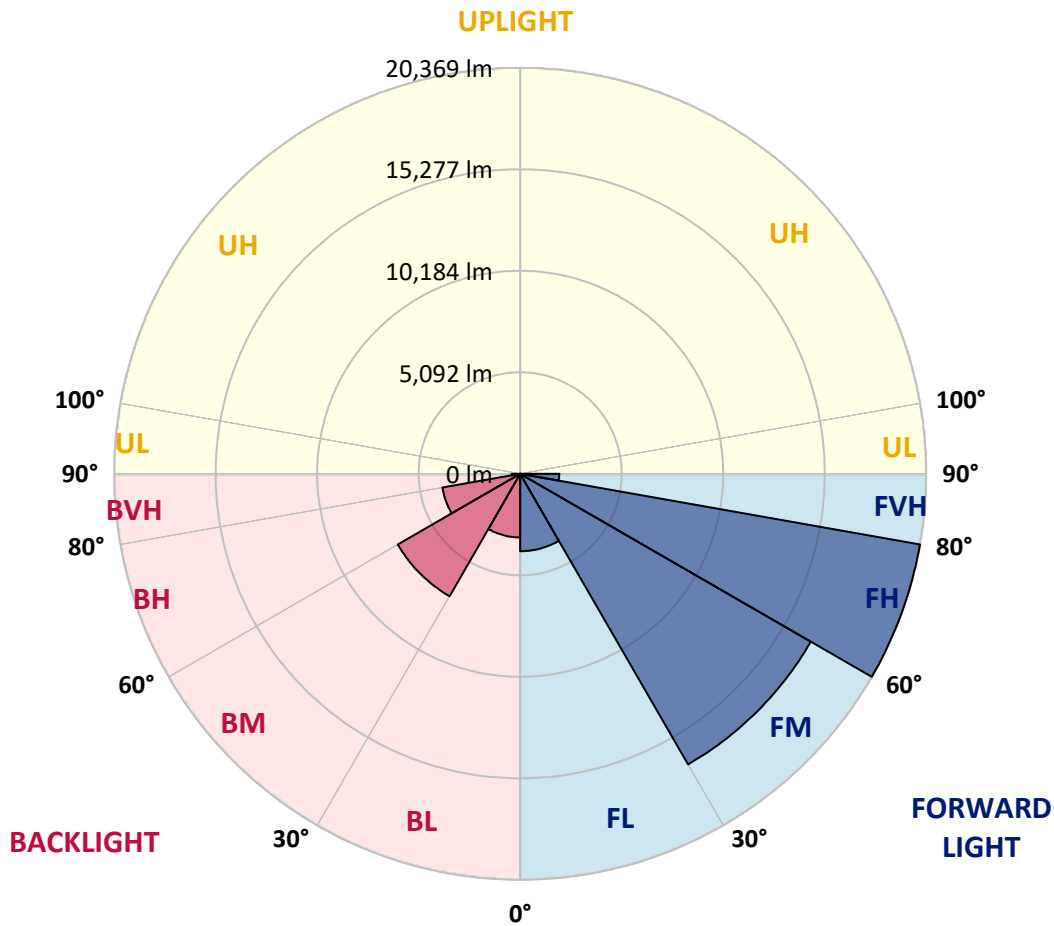
REPORT NUMBER: P955783
 CATALOG NUMBER: GALN-SB8C-850-U-SLR

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

| Zone | Lumens | % Fixture | Zone Rating/Lumen Limit | | |
|----------------|---------|-----------|-------------------------|------|---------|
| | | | B | U | G |
| FL (0°-30°) | 3882.2 | 6.7 | | | |
| FM (30°-60°) | 16835.1 | 29.2 | | | |
| FH (60°-80°) | 20368.9 | 35.3 | | | G5 |
| FVH (80°-90°) | 1962.8 | 3.4 | | | G5 |
| BL (0°-30°) | 3194.4 | 5.5 | B4/5000 | | |
| BM (30°-60°) | 7089.0 | 12.3 | B4/8500 | | |
| BH (60°-80°) | 3965.8 | 6.9 | B4/5000 | | G4/5000 |
| BVH (80°-90°) | 419.9 | 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: P955783

CATALOG NUMBER: GALN-SB8C-850-U-SLR

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° |
|-------|---------|---------|---------|---------|---------|--------|--------|--------|--------|--------|
| 0° | 7936.7 | 7936.7 | 7936.7 | 7936.7 | 7936.7 | 7936.7 | 7936.7 | 7936.7 | 7936.7 | 7936.7 |
| 2.5° | 8535.2 | 8469.7 | 8404.2 | 8334.5 | 8265.0 | 8195.0 | 8124.9 | 8057.9 | 7990.9 | 7926.1 |
| 5° | 9177.8 | 9033.1 | 8888.5 | 8744.1 | 8600.0 | 8454.8 | 8309.8 | 8174.3 | 8038.7 | 7910.8 |
| 7.5° | 9823.4 | 9584.7 | 9346.2 | 9125.7 | 8905.2 | 8690.5 | 8475.8 | 8286.7 | 8097.5 | 7923.0 |
| 10° | 10318.3 | 10016.5 | 9714.7 | 9423.3 | 9132.1 | 8871.4 | 8610.4 | 8386.9 | 8162.7 | 7947.4 |
| 12.5° | 10621.4 | 10289.7 | 9958.4 | 9628.2 | 9298.1 | 8990.5 | 8682.9 | 8429.8 | 8176.7 | 7950.4 |
| 15° | 10805.6 | 10460.0 | 10114.3 | 9756.1 | 9398.0 | 9043.8 | 8689.6 | 8396.6 | 8103.6 | 7853.0 |
| 17.5° | 10909.2 | 10558.6 | 10208.1 | 9817.4 | 9426.6 | 9015.5 | 8604.3 | 8251.9 | 7899.6 | 7604.8 |
| 20° | 11023.4 | 10659.1 | 10294.6 | 9865.2 | 9435.7 | 8937.5 | 8439.2 | 8002.5 | 7565.8 | 7222.5 |
| 22.5° | 11155.9 | 10783.7 | 10411.2 | 9929.7 | 9447.9 | 8841.9 | 8235.8 | 7709.8 | 7183.9 | 6793.1 |
| 25° | 11326.4 | 10961.6 | 10597.0 | 10046.7 | 9496.0 | 8747.4 | 7999.2 | 7383.0 | 6767.2 | 6366.7 |
| 27.5° | 11557.9 | 11210.1 | 10862.0 | 10229.4 | 9596.6 | 8684.4 | 7772.3 | 7084.3 | 6396.3 | 6031.7 |
| 30° | 11870.1 | 11533.8 | 11197.9 | 10466.1 | 9734.2 | 8654.9 | 7574.9 | 6834.5 | 6094.2 | 5788.1 |
| 32.5° | 12238.6 | 11905.7 | 11573.1 | 10713.1 | 9853.0 | 8618.3 | 7383.0 | 6619.2 | 5855.1 | 5608.4 |
| 35° | 12686.3 | 12367.7 | 12048.8 | 10994.5 | 9940.1 | 8549.5 | 7159.5 | 6407.5 | 5655.6 | 5450.0 |
| 37.5° | 13440.0 | 13033.8 | 12627.5 | 11309.7 | 9991.9 | 8431.6 | 6871.4 | 6158.4 | 5445.5 | 5265.8 |
| 40° | 14579.1 | 13987.0 | 13395.0 | 11709.9 | 10024.5 | 8269.3 | 6514.4 | 5861.2 | 5207.9 | 5045.0 |
| 42.5° | 16089.7 | 15235.1 | 14380.5 | 12233.4 | 10086.3 | 8101.8 | 6117.9 | 5533.2 | 4948.4 | 4798.3 |
| 45° | 17955.1 | 16802.3 | 15649.6 | 12922.3 | 10195.0 | 7946.2 | 5697.6 | 5184.8 | 4671.9 | 4519.6 |
| 47.5° | 20288.0 | 18665.6 | 17042.9 | 13656.3 | 10269.6 | 7817.6 | 5365.7 | 4909.1 | 4452.6 | 4256.2 |
| 50° | 23345.7 | 20899.8 | 18453.6 | 14337.3 | 10220.9 | 7677.5 | 5134.2 | 4726.1 | 4318.0 | 4059.7 |
| 52.5° | 26855.7 | 23246.7 | 19637.8 | 14779.5 | 9920.9 | 7440.9 | 4961.2 | 4605.5 | 4250.1 | 3953.1 |
| 55° | 30592.6 | 25327.5 | 20062.6 | 14682.0 | 9301.1 | 7048.6 | 4796.1 | 4518.1 | 4240.0 | 3963.8 |
| 57.5° | 33991.5 | 26802.1 | 19612.8 | 13996.2 | 8379.9 | 6495.6 | 4611.0 | 4414.5 | 4218.1 | 3974.5 |
| 60° | 36045.7 | 27170.6 | 18295.3 | 12719.8 | 7144.3 | 5777.4 | 4410.6 | 4256.2 | 4101.8 | 3941.0 |
| 62.5° | 35002.6 | 25618.9 | 16235.3 | 10993.9 | 5752.4 | 4918.0 | 4083.5 | 3980.8 | 3878.5 | 3858.7 |
| 65° | 32914.9 | 23423.4 | 13931.9 | 9232.9 | 4534.2 | 4144.7 | 3755.2 | 3706.7 | 3658.3 | 3660.8 |
| 67.5° | 30117.5 | 20810.6 | 11503.7 | 7507.9 | 3512.1 | 3401.6 | 3290.7 | 3317.8 | 3344.6 | 3337.9 |
| 70° | 26756.7 | 17959.7 | 9162.6 | 5911.4 | 2660.3 | 2692.0 | 2723.3 | 2848.8 | 2974.0 | 2974.0 |
| 72.5° | 22751.8 | 14869.0 | 6986.5 | 4519.3 | 2052.1 | 2147.4 | 2243.1 | 2420.9 | 2598.5 | 2628.3 |
| 75° | 17685.6 | 11326.1 | 4966.7 | 3280.1 | 1593.4 | 1679.9 | 1766.4 | 1965.6 | 2164.8 | 2302.4 |
| 77.5° | 12636.0 | 7927.3 | 3218.5 | 2222.6 | 1226.8 | 1285.5 | 1344.6 | 1538.0 | 1731.4 | 1958.3 |
| 80° | 8270.2 | 5107.4 | 1944.6 | 1432.0 | 919.8 | 944.1 | 968.5 | 1132.3 | 1295.9 | 1566.9 |
| 82.5° | 4807.4 | 2956.0 | 1104.9 | 880.8 | 657.2 | 661.5 | 666.4 | 787.0 | 907.6 | 1139.0 |
| 85° | 2115.1 | 1329.7 | 544.5 | 470.8 | 397.4 | 395.3 | 392.9 | 481.2 | 569.5 | 741.6 |
| 87.5° | 654.8 | 435.5 | 216.2 | 195.2 | 174.2 | 172.1 | 169.9 | 205.9 | 242.1 | 313.7 |
| 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° |
|--------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 7936.7 | 0° | 7936.7 | 7936.7 | 7936.7 | 7936.7 | 7936.7 | 7936.7 | 7936.7 | 7936.7 | 7936.7 | 7936.7 |
| 7853.9 | 2.5° | 7795.4 | 7737.2 | 7684.5 | 7632.2 | 7586.2 | 7540.2 | 7493.9 | 7447.9 | 7412.3 | 7376.3 |
| 7784.4 | 5° | 7674.2 | 7563.6 | 7471.1 | 7378.8 | 7297.2 | 7215.5 | 7141.5 | 7067.2 | 7010.3 | 6953.0 |
| 7759.5 | 7.5° | 7612.7 | 7466.2 | 7344.4 | 7222.5 | 7119.9 | 7017.0 | 6926.2 | 6835.8 | 6767.8 | 6700.2 |
| 7771.7 | 10° | 7616.9 | 7462.2 | 7340.4 | 7218.6 | 7108.0 | 6997.2 | 6895.1 | 6793.1 | 6712.1 | 6630.8 |
| 7786.9 | 12.5° | 7660.2 | 7534.1 | 7453.1 | 7372.7 | 7285.6 | 7199.1 | 7093.4 | 6988.0 | 6884.5 | 6780.9 |
| 7722.0 | 15° | 7661.4 | 7601.1 | 7612.1 | 7623.0 | 7600.5 | 7578.0 | 7486.3 | 7394.6 | 7247.2 | 7099.8 |
| 7524.0 | 17.5° | 7546.3 | 7568.2 | 7701.0 | 7833.8 | 7904.4 | 7974.8 | 7900.8 | 7827.1 | 7631.9 | 7436.6 |
| 7201.2 | 20° | 7304.8 | 7408.3 | 7638.9 | 7869.7 | 8017.4 | 8165.1 | 8131.0 | 8096.6 | 7873.4 | 7650.4 |
| 6834.8 | 22.5° | 6988.0 | 7141.2 | 7404.4 | 7668.1 | 7860.3 | 8052.5 | 8073.2 | 8093.6 | 7880.4 | 7667.2 |
| 6479.4 | 25° | 6656.1 | 6832.7 | 7069.3 | 7306.3 | 7495.4 | 7684.5 | 7755.2 | 7825.6 | 7650.7 | 7476.2 |
| 6168.8 | 27.5° | 6339.3 | 6509.9 | 6704.5 | 6898.8 | 7050.5 | 7202.1 | 7280.7 | 7359.6 | 7235.0 | 7110.8 |
| 5895.6 | 30° | 6030.8 | 6166.6 | 6328.1 | 6489.5 | 6615.3 | 6741.3 | 6805.3 | 6869.3 | 6774.5 | 6679.5 |
| 5656.2 | 32.5° | 5736.3 | 5816.4 | 5945.2 | 6074.4 | 6195.0 | 6315.9 | 6386.8 | 6458.1 | 6371.0 | 6283.6 |
| 5430.2 | 35° | 5452.2 | 5474.4 | 5572.8 | 5670.8 | 5790.2 | 5909.9 | 5995.2 | 6080.5 | 6018.3 | 5956.5 |
| 5193.3 | 37.5° | 5168.9 | 5144.6 | 5215.2 | 5285.6 | 5404.6 | 5524.0 | 5629.4 | 5734.8 | 5706.2 | 5677.5 |
| 4933.8 | 40° | 4878.7 | 4823.6 | 4874.4 | 4925.3 | 5040.4 | 5155.5 | 5276.7 | 5398.3 | 5405.3 | 5412.0 |
| 4658.2 | 42.5° | 4585.1 | 4512.0 | 4553.4 | 4595.1 | 4704.2 | 4813.5 | 4944.5 | 5075.4 | 5110.4 | 5145.5 |
| 4384.1 | 45° | 4312.8 | 4241.9 | 4276.6 | 4311.9 | 4415.4 | 4519.0 | 4654.8 | 4790.7 | 4840.9 | 4891.2 |
| 4139.5 | 47.5° | 4079.8 | 4020.1 | 4053.0 | 4085.6 | 4187.0 | 4288.1 | 4422.1 | 4556.2 | 4614.0 | 4671.9 |
| 3924.2 | 50° | 3871.2 | 3818.5 | 3869.7 | 3921.2 | 4016.8 | 4112.1 | 4232.1 | 4352.1 | 4426.4 | 4500.7 |
| 3763.7 | 52.5° | 3711.3 | 3659.2 | 3736.3 | 3813.0 | 3900.7 | 3988.2 | 4099.9 | 4212.0 | 4300.0 | 4388.0 |
| 3678.4 | 55° | 3595.6 | 3513.1 | 3622.4 | 3731.4 | 3825.8 | 3920.2 | 4018.3 | 4116.1 | 4209.3 | 4302.8 |
| 3627.3 | 57.5° | 3506.7 | 3386.1 | 3503.6 | 3621.2 | 3732.0 | 3842.9 | 3939.7 | 4036.9 | 4131.0 | 4224.8 |
| 3579.1 | 60° | 3422.9 | 3266.4 | 3369.6 | 3472.5 | 3599.8 | 3727.2 | 3825.5 | 3924.2 | 4018.6 | 4113.0 |
| 3523.1 | 62.5° | 3327.6 | 3132.4 | 3197.8 | 3263.3 | 3411.6 | 3560.3 | 3665.3 | 3770.4 | 3856.9 | 3943.4 |
| 3404.9 | 65° | 3197.2 | 2989.2 | 3014.5 | 3039.5 | 3198.4 | 3357.7 | 3458.2 | 3558.7 | 3634.9 | 3711.0 |
| 3194.2 | 67.5° | 3021.2 | 2848.2 | 2840.3 | 2832.4 | 2979.2 | 3126.3 | 3221.6 | 3316.6 | 3382.4 | 3448.2 |
| 2926.8 | 70° | 2803.7 | 2680.7 | 2653.3 | 2625.9 | 2755.0 | 2884.1 | 2966.4 | 3048.6 | 3108.0 | 3167.4 |
| 2628.9 | 72.5° | 2544.6 | 2460.2 | 2420.0 | 2380.1 | 2481.8 | 2583.2 | 2657.6 | 2731.9 | 2790.0 | 2848.2 |
| 2290.9 | 75° | 2226.0 | 2160.8 | 2122.4 | 2083.8 | 2159.3 | 2234.8 | 2302.1 | 2369.4 | 2422.4 | 2475.4 |
| 1952.2 | 77.5° | 1900.1 | 1848.0 | 1809.1 | 1770.1 | 1831.6 | 1892.8 | 1950.7 | 2008.5 | 2064.3 | 2119.7 |
| 1566.0 | 80° | 1522.5 | 1478.6 | 1446.0 | 1413.1 | 1464.3 | 1515.2 | 1563.9 | 1612.6 | 1655.0 | 1697.0 |
| 1151.8 | 82.5° | 1130.5 | 1109.2 | 1086.0 | 1062.9 | 1058.6 | 1054.4 | 1037.3 | 1020.3 | 1110.4 | 1200.6 |
| 758.3 | 85° | 735.5 | 712.7 | 686.8 | 660.9 | 639.0 | 616.7 | 569.5 | 522.3 | 606.7 | 691.3 |
| 335.0 | 87.5° | 325.9 | 316.7 | 311.9 | 307.0 | 306.1 | 305.2 | 269.2 | 233.0 | 268.3 | 303.9 |
| 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):

| 105° | | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° |
|--------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 7936.7 | 0° | 7936.7 | 7936.7 | 7936.7 | 7936.7 | 7936.7 | 7936.7 | 7936.7 | 7936.7 | 7936.7 | 7936.7 |
| 7347.4 | 2.5° | 7318.5 | 7295.9 | 7273.4 | 7252.7 | 7231.7 | 7205.8 | 7231.7 | 7252.7 | 7273.4 | 7295.9 |
| 6913.1 | 5° | 6873.2 | 6844.9 | 6816.6 | 6794.9 | 6773.3 | 6752.0 | 6773.3 | 6794.9 | 6816.6 | 6844.9 |
| 6652.7 | 7.5° | 6605.2 | 6572.6 | 6540.3 | 6520.8 | 6501.7 | 6487.0 | 6501.7 | 6520.8 | 6540.3 | 6572.6 |
| 6577.8 | 10° | 6524.2 | 6493.4 | 6462.7 | 6446.2 | 6429.8 | 6423.1 | 6429.8 | 6446.2 | 6462.7 | 6493.4 |
| 6712.4 | 12.5° | 6643.9 | 6609.5 | 6575.4 | 6561.3 | 6547.3 | 6544.9 | 6547.3 | 6561.3 | 6575.4 | 6609.5 |
| 6995.6 | 15° | 6891.5 | 6843.7 | 6796.2 | 6777.9 | 6759.6 | 6758.1 | 6759.6 | 6777.9 | 6796.2 | 6843.7 |
| 7283.1 | 17.5° | 7129.6 | 7059.0 | 6988.0 | 6964.9 | 6941.4 | 6937.8 | 6941.4 | 6964.9 | 6988.0 | 7059.0 |
| 7462.2 | 20° | 7274.3 | 7183.9 | 7093.1 | 7064.2 | 7035.2 | 7026.1 | 7035.2 | 7064.2 | 7093.1 | 7183.9 |
| 7473.5 | 22.5° | 7279.5 | 7184.2 | 7088.5 | 7056.6 | 7024.6 | 7010.9 | 7024.6 | 7056.6 | 7088.5 | 7184.2 |
| 7303.9 | 25° | 7132.1 | 7049.2 | 6966.7 | 6936.6 | 6906.7 | 6889.1 | 6906.7 | 6936.6 | 6966.7 | 7049.2 |
| 6977.1 | 27.5° | 6843.4 | 6787.9 | 6732.2 | 6718.5 | 6704.8 | 6700.2 | 6704.8 | 6718.5 | 6732.2 | 6787.9 |
| 6583.9 | 30° | 6487.6 | 6459.3 | 6430.7 | 6430.7 | 6430.7 | 6435.3 | 6430.7 | 6430.7 | 6430.7 | 6459.3 |
| 6207.2 | 32.5° | 6130.7 | 6112.1 | 6093.6 | 6096.0 | 6098.7 | 6103.3 | 6098.7 | 6096.0 | 6093.6 | 6112.1 |
| 5885.8 | 35° | 5815.5 | 5787.2 | 5759.1 | 5753.1 | 5747.0 | 5743.9 | 5747.0 | 5753.1 | 5759.1 | 5787.2 |
| 5612.7 | 37.5° | 5547.5 | 5496.0 | 5444.8 | 5417.7 | 5390.6 | 5375.4 | 5390.6 | 5417.7 | 5444.8 | 5496.0 |
| 5356.8 | 40° | 5301.7 | 5226.8 | 5152.5 | 5101.9 | 5052.0 | 5022.1 | 5052.0 | 5101.9 | 5152.5 | 5226.8 |
| 5098.9 | 42.5° | 5052.6 | 4959.7 | 4866.8 | 4793.4 | 4720.0 | 4671.9 | 4720.0 | 4793.4 | 4866.8 | 4959.7 |
| 4849.1 | 45° | 4807.4 | 4701.1 | 4595.1 | 4508.9 | 4422.8 | 4367.3 | 4422.8 | 4508.9 | 4595.1 | 4701.1 |
| 4642.6 | 47.5° | 4613.4 | 4519.0 | 4424.6 | 4344.8 | 4265.3 | 4212.0 | 4265.3 | 4344.8 | 4424.6 | 4519.0 |
| 4498.9 | 50° | 4497.7 | 4422.1 | 4346.6 | 4272.9 | 4199.2 | 4148.0 | 4199.2 | 4272.9 | 4346.6 | 4422.1 |
| 4403.9 | 52.5° | 4419.7 | 4358.2 | 4296.7 | 4230.6 | 4164.8 | 4117.6 | 4164.8 | 4230.6 | 4296.7 | 4358.2 |
| 4324.7 | 55° | 4346.6 | 4293.0 | 4239.4 | 4181.6 | 4123.7 | 4081.0 | 4123.7 | 4181.6 | 4239.4 | 4293.0 |
| 4247.0 | 57.5° | 4269.3 | 4215.1 | 4160.8 | 4103.6 | 4046.0 | 4001.9 | 4046.0 | 4103.6 | 4160.8 | 4215.1 |
| 4137.4 | 60° | 4161.8 | 4108.8 | 4056.1 | 3997.0 | 3937.9 | 3892.2 | 3937.9 | 3997.0 | 4056.1 | 4108.8 |
| 3966.8 | 62.5° | 3990.3 | 3942.5 | 3894.7 | 3832.5 | 3770.4 | 3715.6 | 3770.4 | 3832.5 | 3894.7 | 3942.5 |
| 3735.1 | 65° | 3758.8 | 3712.8 | 3666.9 | 3606.5 | 3546.6 | 3499.3 | 3546.6 | 3606.5 | 3666.9 | 3712.8 |
| 3471.6 | 67.5° | 3494.8 | 3452.4 | 3410.4 | 3354.4 | 3298.3 | 3255.7 | 3298.3 | 3354.4 | 3410.4 | 3452.4 |
| 3189.9 | 70° | 3212.5 | 3178.0 | 3143.6 | 3090.0 | 3036.4 | 2987.7 | 3036.4 | 3090.0 | 3143.6 | 3178.0 |
| 2875.0 | 72.5° | 2901.8 | 2873.2 | 2844.6 | 2793.4 | 2742.5 | 2695.3 | 2742.5 | 2793.4 | 2844.6 | 2873.2 |
| 2503.4 | 75° | 2531.5 | 2517.5 | 2503.4 | 2460.5 | 2417.6 | 2372.5 | 2417.6 | 2460.5 | 2503.4 | 2517.5 |
| 2145.9 | 77.5° | 2172.1 | 2152.6 | 2132.5 | 2089.3 | 2046.0 | 2010.1 | 2046.0 | 2089.3 | 2132.5 | 2152.6 |
| 1731.7 | 80° | 1766.4 | 1757.9 | 1749.7 | 1691.5 | 1633.0 | 1565.4 | 1633.0 | 1691.5 | 1749.7 | 1757.9 |
| 1259.6 | 82.5° | 1318.7 | 1315.1 | 1311.1 | 1262.1 | 1212.7 | 1169.5 | 1212.7 | 1262.1 | 1311.1 | 1315.1 |
| 764.4 | 85° | 837.5 | 831.4 | 825.3 | 787.0 | 748.6 | 709.6 | 748.6 | 787.0 | 825.3 | 831.4 |
| 333.5 | 87.5° | 363.0 | 355.7 | 347.8 | 328.3 | 308.2 | 289.3 | 308.2 | 328.3 | 347.8 | 355.7 |
| 0.0 | 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

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CANDELA DISTRIBUTION (continued):

| 160° | | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° |
|--------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 7936.7 | 0° | 7936.7 | 7936.7 | 7936.7 | 7936.7 | 7936.7 | 7936.7 | 7936.7 | 7936.7 | 7936.7 | 7936.7 |
| 7318.5 | 2.5° | 7347.4 | 7376.3 | 7412.3 | 7447.9 | 7493.9 | 7540.2 | 7586.2 | 7632.2 | 7684.5 | 7737.2 |
| 6873.2 | 5° | 6913.1 | 6953.0 | 7010.3 | 7067.2 | 7141.5 | 7215.5 | 7297.2 | 7378.8 | 7471.1 | 7563.6 |
| 6605.2 | 7.5° | 6652.7 | 6700.2 | 6767.8 | 6835.8 | 6926.2 | 7017.0 | 7119.9 | 7222.5 | 7344.4 | 7466.2 |
| 6524.2 | 10° | 6577.8 | 6630.8 | 6712.1 | 6793.1 | 6895.1 | 6997.2 | 7108.0 | 7218.6 | 7340.4 | 7462.2 |
| 6643.9 | 12.5° | 6712.4 | 6780.9 | 6884.5 | 6988.0 | 7093.4 | 7199.1 | 7285.6 | 7372.7 | 7453.1 | 7534.1 |
| 6891.5 | 15° | 6995.6 | 7099.8 | 7247.2 | 7394.6 | 7486.3 | 7578.0 | 7600.5 | 7623.0 | 7612.1 | 7601.1 |
| 7129.6 | 17.5° | 7283.1 | 7436.6 | 7631.9 | 7827.1 | 7900.8 | 7974.8 | 7904.4 | 7833.8 | 7701.0 | 7568.2 |
| 7274.3 | 20° | 7462.2 | 7650.4 | 7873.4 | 8096.6 | 8131.0 | 8165.1 | 8017.4 | 7869.7 | 7638.9 | 7408.3 |
| 7279.5 | 22.5° | 7473.5 | 7667.2 | 7880.4 | 8093.6 | 8073.2 | 8052.5 | 7860.3 | 7668.1 | 7404.4 | 7141.2 |
| 7132.1 | 25° | 7303.9 | 7476.2 | 7650.7 | 7825.6 | 7755.2 | 7684.5 | 7495.4 | 7306.3 | 7069.3 | 6832.7 |
| 6843.4 | 27.5° | 6977.1 | 7110.8 | 7235.0 | 7359.6 | 7280.7 | 7202.1 | 7050.5 | 6898.8 | 6704.5 | 6509.9 |
| 6487.6 | 30° | 6583.9 | 6679.5 | 6774.5 | 6869.3 | 6805.3 | 6741.3 | 6615.3 | 6489.5 | 6328.1 | 6166.6 |
| 6130.7 | 32.5° | 6207.2 | 6283.6 | 6371.0 | 6458.1 | 6386.8 | 6315.9 | 6195.0 | 6074.4 | 5945.2 | 5816.4 |
| 5815.5 | 35° | 5885.8 | 5956.5 | 6018.3 | 6080.5 | 5995.2 | 5909.9 | 5790.2 | 5670.8 | 5572.8 | 5474.4 |
| 5547.5 | 37.5° | 5612.7 | 5677.5 | 5706.2 | 5734.8 | 5629.4 | 5524.0 | 5404.6 | 5285.6 | 5215.2 | 5144.6 |
| 5301.7 | 40° | 5356.8 | 5412.0 | 5405.3 | 5398.3 | 5276.7 | 5155.5 | 5040.4 | 4925.3 | 4874.4 | 4823.6 |
| 5052.6 | 42.5° | 5098.9 | 5145.5 | 5110.4 | 5075.4 | 4944.5 | 4813.5 | 4704.2 | 4595.1 | 4553.4 | 4512.0 |
| 4807.4 | 45° | 4849.1 | 4891.2 | 4840.9 | 4790.7 | 4654.8 | 4519.0 | 4415.4 | 4311.9 | 4276.6 | 4241.9 |
| 4613.4 | 47.5° | 4642.6 | 4671.9 | 4614.0 | 4556.2 | 4422.1 | 4288.1 | 4187.0 | 4085.6 | 4053.0 | 4020.1 |
| 4497.7 | 50° | 4498.9 | 4500.7 | 4426.4 | 4352.1 | 4232.1 | 4112.1 | 4016.8 | 3921.2 | 3869.7 | 3818.5 |
| 4419.7 | 52.5° | 4403.9 | 4388.0 | 4300.0 | 4212.0 | 4099.9 | 3988.2 | 3900.7 | 3813.0 | 3736.3 | 3659.2 |
| 4346.6 | 55° | 4324.7 | 4302.8 | 4209.3 | 4116.1 | 4018.3 | 3920.2 | 3825.8 | 3731.4 | 3622.4 | 3513.1 |
| 4269.3 | 57.5° | 4247.0 | 4224.8 | 4131.0 | 4036.9 | 3939.7 | 3842.9 | 3732.0 | 3621.2 | 3503.6 | 3386.1 |
| 4161.8 | 60° | 4137.4 | 4113.0 | 4018.6 | 3924.2 | 3825.5 | 3727.2 | 3599.8 | 3472.5 | 3369.6 | 3266.4 |
| 3990.3 | 62.5° | 3966.8 | 3943.4 | 3856.9 | 3770.4 | 3665.3 | 3560.3 | 3411.6 | 3263.3 | 3197.8 | 3132.4 |
| 3758.8 | 65° | 3735.1 | 3711.0 | 3634.9 | 3558.7 | 3458.2 | 3357.7 | 3198.4 | 3039.5 | 3014.5 | 2989.2 |
| 3494.8 | 67.5° | 3471.6 | 3448.2 | 3382.4 | 3316.6 | 3221.6 | 3126.3 | 2979.2 | 2832.4 | 2840.3 | 2848.2 |
| 3212.5 | 70° | 3189.9 | 3167.4 | 3108.0 | 3048.6 | 2966.4 | 2884.1 | 2755.0 | 2625.9 | 2653.3 | 2680.7 |
| 2901.8 | 72.5° | 2875.0 | 2848.2 | 2790.0 | 2731.9 | 2657.6 | 2583.2 | 2481.8 | 2380.1 | 2420.0 | 2460.2 |
| 2531.5 | 75° | 2503.4 | 2475.4 | 2422.4 | 2369.4 | 2302.1 | 2234.8 | 2159.3 | 2083.8 | 2122.4 | 2160.8 |
| 2172.1 | 77.5° | 2145.9 | 2119.7 | 2064.3 | 2008.5 | 1950.7 | 1892.8 | 1831.6 | 1770.1 | 1809.1 | 1848.0 |
| 1766.4 | 80° | 1731.7 | 1697.0 | 1655.0 | 1612.6 | 1563.9 | 1515.2 | 1464.3 | 1413.1 | 1446.0 | 1478.6 |
| 1318.7 | 82.5° | 1259.6 | 1200.6 | 1110.4 | 1020.3 | 1037.3 | 1054.4 | 1058.6 | 1062.9 | 1086.0 | 1109.2 |
| 837.5 | 85° | 764.4 | 691.3 | 606.7 | 522.3 | 569.5 | 616.7 | 639.0 | 660.9 | 686.8 | 712.7 |
| 363.0 | 87.5° | 333.5 | 303.9 | 268.3 | 233.0 | 269.2 | 305.2 | 306.1 | 307.0 | 311.9 | 316.7 |
| 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):

| 215° | | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° |
|--------|-------|--------|--------|--------|--------|--------|--------|---------|---------|---------|---------|
| 7936.7 | 0° | 7936.7 | 7936.7 | 7936.7 | 7936.7 | 7936.7 | 7936.7 | 7936.7 | 7936.7 | 7936.7 | 7936.7 |
| 7795.4 | 2.5° | 7853.9 | 7926.1 | 7990.9 | 8057.9 | 8124.9 | 8195.0 | 8265.0 | 8334.5 | 8404.2 | 8469.7 |
| 7674.2 | 5° | 7784.4 | 7910.8 | 8038.7 | 8174.3 | 8309.8 | 8454.8 | 8600.0 | 8744.1 | 8888.5 | 9033.1 |
| 7612.7 | 7.5° | 7759.5 | 7923.0 | 8097.5 | 8286.7 | 8475.8 | 8690.5 | 8905.2 | 9125.7 | 9346.2 | 9584.7 |
| 7616.9 | 10° | 7771.7 | 7947.4 | 8162.7 | 8386.9 | 8610.4 | 8871.4 | 9132.1 | 9423.3 | 9714.7 | 10016.5 |
| 7660.2 | 12.5° | 7786.9 | 7950.4 | 8176.7 | 8429.8 | 8682.9 | 8990.5 | 9298.1 | 9628.2 | 9958.4 | 10289.7 |
| 7661.4 | 15° | 7722.0 | 7853.0 | 8103.6 | 8396.6 | 8689.6 | 9043.8 | 9398.0 | 9756.1 | 10114.3 | 10460.0 |
| 7546.3 | 17.5° | 7524.0 | 7604.8 | 7899.6 | 8251.9 | 8604.3 | 9015.5 | 9426.6 | 9817.4 | 10208.1 | 10558.6 |
| 7304.8 | 20° | 7201.2 | 7222.5 | 7565.8 | 8002.5 | 8439.2 | 8937.5 | 9435.7 | 9865.2 | 10294.6 | 10659.1 |
| 6988.0 | 22.5° | 6834.8 | 6793.1 | 7183.9 | 7709.8 | 8235.8 | 8841.9 | 9447.9 | 9929.7 | 10411.2 | 10783.7 |
| 6656.1 | 25° | 6479.4 | 6366.7 | 6767.2 | 7383.0 | 7999.2 | 8747.4 | 9496.0 | 10046.7 | 10597.0 | 10961.6 |
| 6339.3 | 27.5° | 6168.8 | 6031.7 | 6396.3 | 7084.3 | 7772.3 | 8684.4 | 9596.6 | 10229.4 | 10862.0 | 11210.1 |
| 6030.8 | 30° | 5895.6 | 5788.1 | 6094.2 | 6834.5 | 7574.9 | 8654.9 | 9734.2 | 10466.1 | 11197.9 | 11533.8 |
| 5736.3 | 32.5° | 5656.2 | 5608.4 | 5855.1 | 6619.2 | 7383.0 | 8618.3 | 9853.0 | 10713.1 | 11573.1 | 11905.7 |
| 5452.2 | 35° | 5430.2 | 5450.0 | 5655.6 | 6407.5 | 7159.5 | 8549.5 | 9940.1 | 10994.5 | 12048.8 | 12367.7 |
| 5168.9 | 37.5° | 5193.3 | 5265.8 | 5445.5 | 6158.4 | 6871.4 | 8431.6 | 9991.9 | 11309.7 | 12627.5 | 13033.8 |
| 4878.7 | 40° | 4933.8 | 5045.0 | 5207.9 | 5861.2 | 6514.4 | 8269.3 | 10024.5 | 11709.9 | 13395.0 | 13987.0 |
| 4585.1 | 42.5° | 4658.2 | 4798.3 | 4948.4 | 5533.2 | 6117.9 | 8101.8 | 10086.3 | 12233.4 | 14380.5 | 15235.1 |
| 4312.8 | 45° | 4384.1 | 4519.6 | 4671.9 | 5184.8 | 5697.6 | 7946.2 | 10195.0 | 12922.3 | 15649.6 | 16802.3 |
| 4079.8 | 47.5° | 4139.5 | 4256.2 | 4452.6 | 4909.1 | 5365.7 | 7817.6 | 10269.6 | 13656.3 | 17042.9 | 18665.6 |
| 3871.2 | 50° | 3924.2 | 4059.7 | 4318.0 | 4726.1 | 5134.2 | 7677.5 | 10220.9 | 14337.3 | 18453.6 | 20899.8 |
| 3711.3 | 52.5° | 3763.7 | 3953.1 | 4250.1 | 4605.5 | 4961.2 | 7440.9 | 9920.9 | 14779.5 | 19637.8 | 23246.7 |
| 3595.6 | 55° | 3678.4 | 3963.8 | 4240.0 | 4518.1 | 4796.1 | 7048.6 | 9301.1 | 14682.0 | 20062.6 | 25327.5 |
| 3506.7 | 57.5° | 3627.3 | 3974.5 | 4218.1 | 4414.5 | 4611.0 | 6495.6 | 8379.9 | 13996.2 | 19612.8 | 26802.1 |
| 3422.9 | 60° | 3579.1 | 3941.0 | 4101.8 | 4256.2 | 4410.6 | 5777.4 | 7144.3 | 12719.8 | 18295.3 | 27170.6 |
| 3327.6 | 62.5° | 3523.1 | 3858.7 | 3878.5 | 3980.8 | 4083.5 | 4918.0 | 5752.4 | 10993.9 | 16235.3 | 25618.9 |
| 3197.2 | 65° | 3404.9 | 3660.8 | 3658.3 | 3706.7 | 3755.2 | 4144.7 | 4534.2 | 9232.9 | 13931.9 | 23423.4 |
| 3021.2 | 67.5° | 3194.2 | 3337.9 | 3344.6 | 3317.8 | 3290.7 | 3401.6 | 3512.1 | 7507.9 | 11503.7 | 20810.6 |
| 2803.7 | 70° | 2926.8 | 2974.0 | 2974.0 | 2848.8 | 2723.3 | 2692.0 | 2660.3 | 5911.4 | 9162.6 | 17959.7 |
| 2544.6 | 72.5° | 2628.9 | 2628.3 | 2598.5 | 2420.9 | 2243.1 | 2147.4 | 2052.1 | 4519.3 | 6986.5 | 14869.0 |
| 2226.0 | 75° | 2290.9 | 2302.4 | 2164.8 | 1965.6 | 1766.4 | 1679.9 | 1593.4 | 3280.1 | 4966.7 | 11326.1 |
| 1900.1 | 77.5° | 1952.2 | 1958.3 | 1731.4 | 1538.0 | 1344.6 | 1285.5 | 1226.8 | 2222.6 | 3218.5 | 7927.3 |
| 1522.5 | 80° | 1566.0 | 1566.9 | 1295.9 | 1132.3 | 968.5 | 944.1 | 919.8 | 1432.0 | 1944.6 | 5107.4 |
| 1130.5 | 82.5° | 1151.8 | 1139.0 | 907.6 | 787.0 | 666.4 | 661.5 | 657.2 | 880.8 | 1104.9 | 2956.0 |
| 735.5 | 85° | 758.3 | 741.6 | 569.5 | 481.2 | 392.9 | 395.3 | 397.4 | 470.8 | 544.5 | 1329.7 |
| 325.9 | 87.5° | 335.0 | 313.7 | 242.1 | 205.9 | 169.9 | 172.1 | 174.2 | 195.2 | 216.2 | 435.5 |
| 0.0 | 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

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CANDELA DISTRIBUTION (continued):

| 270° | | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° |
|---------|-------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 7936.7 | 0° | 7936.7 | 7936.7 | 7936.7 | 7936.7 | 7936.7 | 7936.7 | 7936.7 | 7936.7 | 7936.7 | 7936.7 |
| 8535.2 | 2.5° | 8567.5 | 8600.0 | 8646.0 | 8692.0 | 8719.4 | 8746.8 | 8760.5 | 8774.3 | 8768.2 | 8774.3 |
| 9177.8 | 5° | 9290.8 | 9404.1 | 9516.1 | 9628.5 | 9689.4 | 9750.4 | 9787.2 | 9824.4 | 9852.4 | 9824.4 |
| 9823.4 | 7.5° | 10007.4 | 10191.0 | 10356.4 | 10521.8 | 10621.4 | 10721.0 | 10774.9 | 10828.5 | 10854.4 | 10828.5 |
| 10318.3 | 10° | 10535.8 | 10753.3 | 10947.3 | 11141.3 | 11258.8 | 11375.8 | 11428.1 | 11480.2 | 11500.0 | 11480.2 |
| 10621.4 | 12.5° | 10857.1 | 11092.5 | 11268.0 | 11442.8 | 11528.0 | 11613.3 | 11641.9 | 11670.6 | 11673.6 | 11670.6 |
| 10805.6 | 15° | 11009.1 | 11212.2 | 11322.2 | 11432.4 | 11435.5 | 11438.5 | 11408.0 | 11377.6 | 11341.7 | 11377.6 |
| 10909.2 | 17.5° | 11046.5 | 11183.9 | 11186.0 | 11187.9 | 11064.5 | 10941.2 | 10828.2 | 10714.9 | 10635.1 | 10714.9 |
| 11023.4 | 20° | 11071.2 | 11119.3 | 10974.7 | 10830.0 | 10557.7 | 10285.5 | 10087.2 | 9888.9 | 9767.1 | 9888.9 |
| 11155.9 | 22.5° | 11093.1 | 11030.4 | 10730.7 | 10431.0 | 10030.5 | 9630.1 | 9382.1 | 9134.2 | 8999.6 | 9134.2 |
| 11326.4 | 25° | 11128.5 | 10930.5 | 10475.5 | 10020.5 | 9534.1 | 9047.7 | 8787.0 | 8527.0 | 8399.6 | 8527.0 |
| 11557.9 | 27.5° | 11204.0 | 10849.8 | 10247.1 | 9644.7 | 9105.6 | 8566.5 | 8310.1 | 8054.0 | 7933.7 | 8054.0 |
| 11870.1 | 30° | 11342.3 | 10814.8 | 10072.9 | 9331.0 | 8769.4 | 8207.8 | 7969.9 | 7732.1 | 7620.0 | 7732.1 |
| 12238.6 | 32.5° | 11515.9 | 10793.5 | 9954.1 | 9114.7 | 8586.9 | 8059.2 | 7872.5 | 7685.5 | 7604.8 | 7685.5 |
| 12686.3 | 35° | 11801.8 | 10917.7 | 10043.0 | 9168.6 | 8802.0 | 8435.6 | 8392.0 | 8348.5 | 8341.8 | 8348.5 |
| 13440.0 | 37.5° | 12399.7 | 11359.3 | 10564.4 | 9769.5 | 9745.8 | 9722.0 | 9921.2 | 10120.4 | 10223.9 | 10120.4 |
| 14579.1 | 40° | 13447.7 | 12316.2 | 11725.1 | 11133.9 | 11551.2 | 11968.4 | 12452.7 | 12936.9 | 13178.1 | 12936.9 |
| 16089.7 | 42.5° | 14967.1 | 13844.5 | 13504.0 | 13163.5 | 14073.5 | 14983.5 | 15864.3 | 16745.1 | 17262.2 | 16745.1 |
| 17955.1 | 45° | 16946.7 | 15938.0 | 15787.9 | 15637.4 | 17095.3 | 18553.5 | 20000.8 | 21448.3 | 22327.0 | 21448.3 |
| 20288.0 | 47.5° | 19307.0 | 18325.7 | 18295.3 | 18264.8 | 20368.1 | 22470.7 | 24589.5 | 26708.0 | 27952.1 | 26708.0 |
| 23345.7 | 50° | 22133.9 | 20922.4 | 20927.5 | 20932.7 | 23643.3 | 26353.8 | 29150.6 | 31947.3 | 33638.2 | 31947.3 |
| 26855.7 | 52.5° | 25388.4 | 23921.3 | 23773.0 | 23624.4 | 26862.1 | 30099.9 | 33560.2 | 37020.3 | 39047.1 | 37020.3 |
| 30592.6 | 55° | 29142.9 | 27693.3 | 27114.9 | 26536.5 | 30140.1 | 33743.3 | 37868.5 | 41993.7 | 44404.2 | 41993.7 |
| 33991.5 | 57.5° | 33202.1 | 32412.3 | 31252.3 | 30092.5 | 33731.1 | 37369.6 | 42042.1 | 46714.3 | 49703.5 | 46714.3 |
| 36045.7 | 60° | 37271.8 | 38498.3 | 37057.7 | 35617.2 | 39060.5 | 42503.8 | 47506.4 | 52509.1 | 55739.8 | 52509.1 |
| 35002.6 | 62.5° | 38353.0 | 41703.4 | 41541.1 | 41378.5 | 44532.7 | 47687.3 | 52446.9 | 57206.2 | 60192.4 | 57206.2 |
| 32914.9 | 65° | 36059.4 | 39203.9 | 39826.1 | 40448.0 | 44456.6 | 48465.5 | 53080.7 | 57695.6 | 60238.1 | 57695.6 |
| 30117.5 | 67.5° | 33108.3 | 36099.0 | 36390.8 | 36682.2 | 40858.9 | 45035.3 | 49670.3 | 54305.3 | 56297.1 | 54305.3 |
| 26756.7 | 70° | 30009.7 | 33263.0 | 33393.3 | 33524.0 | 37259.0 | 40993.8 | 44982.6 | 48971.0 | 50078.1 | 48971.0 |
| 22751.8 | 72.5° | 26484.8 | 30218.0 | 30311.8 | 30405.3 | 33327.5 | 36249.7 | 39237.1 | 42224.2 | 42336.3 | 42224.2 |
| 17685.6 | 75° | 21549.1 | 25412.7 | 25759.6 | 26106.5 | 28380.0 | 30653.5 | 32756.5 | 34859.4 | 34296.0 | 34859.4 |
| 12636.0 | 77.5° | 16242.6 | 19849.4 | 20345.8 | 20842.3 | 22570.6 | 24299.0 | 25790.4 | 27282.1 | 26313.6 | 27282.1 |
| 8270.2 | 80° | 11304.5 | 14338.5 | 14955.5 | 15572.5 | 16877.9 | 18182.6 | 18965.9 | 19748.9 | 18191.1 | 19748.9 |
| 4807.4 | 82.5° | 6881.7 | 8956.4 | 9645.6 | 10335.1 | 11233.5 | 12132.0 | 12458.8 | 12785.2 | 11560.9 | 12785.2 |
| 2115.1 | 85° | 3216.1 | 4317.1 | 4903.3 | 5489.6 | 6227.9 | 6965.8 | 7151.3 | 7336.7 | 6356.1 | 7336.7 |
| 654.8 | 87.5° | 1024.8 | 1394.9 | 1722.0 | 2049.1 | 2418.2 | 2787.3 | 2803.1 | 2818.7 | 2366.4 | 2818.7 |
| 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):

| 325° | | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|---------|-------|---------|---------|---------|---------|---------|---------|---------|
| 7936.7 | 0° | 7936.7 | 7936.7 | 7936.7 | 7936.7 | 7936.7 | 7936.7 | 7936.7 |
| 8760.5 | 2.5° | 8746.8 | 8719.4 | 8692.0 | 8646.0 | 8600.0 | 8567.5 | 8535.2 |
| 9787.2 | 5° | 9750.4 | 9689.4 | 9628.5 | 9516.1 | 9404.1 | 9290.8 | 9177.8 |
| 10774.9 | 7.5° | 10721.0 | 10621.4 | 10521.8 | 10356.4 | 10191.0 | 10007.4 | 9823.4 |
| 11428.1 | 10° | 11375.8 | 11258.8 | 11141.3 | 10947.3 | 10753.3 | 10535.8 | 10318.3 |
| 11641.9 | 12.5° | 11613.3 | 11528.0 | 11442.8 | 11268.0 | 11092.5 | 10857.1 | 10621.4 |
| 11408.0 | 15° | 11438.5 | 11435.5 | 11432.4 | 11322.2 | 11212.2 | 11009.1 | 10805.6 |
| 10828.2 | 17.5° | 10941.2 | 11064.5 | 11187.9 | 11186.0 | 11183.9 | 11046.5 | 10909.2 |
| 10087.2 | 20° | 10285.5 | 10557.7 | 10830.0 | 10974.7 | 11119.3 | 11071.2 | 11023.4 |
| 9382.1 | 22.5° | 9630.1 | 10030.5 | 10431.0 | 10730.7 | 11030.4 | 11093.1 | 11155.9 |
| 8787.0 | 25° | 9047.7 | 9534.1 | 10020.5 | 10475.5 | 10930.5 | 11128.5 | 11326.4 |
| 8310.1 | 27.5° | 8566.5 | 9105.6 | 9644.7 | 10247.1 | 10849.8 | 11204.0 | 11557.9 |
| 7969.9 | 30° | 8207.8 | 8769.4 | 9331.0 | 10072.9 | 10814.8 | 11342.3 | 11870.1 |
| 7872.5 | 32.5° | 8059.2 | 8586.9 | 9114.7 | 9954.1 | 10793.5 | 11515.9 | 12238.6 |
| 8392.0 | 35° | 8435.6 | 8802.0 | 9168.6 | 10043.0 | 10917.7 | 11801.8 | 12686.3 |
| 9921.2 | 37.5° | 9722.0 | 9745.8 | 9769.5 | 10564.4 | 11359.3 | 12399.7 | 13440.0 |
| 12452.7 | 40° | 11968.4 | 11551.2 | 11133.9 | 11725.1 | 12316.2 | 13447.7 | 14579.1 |
| 15864.3 | 42.5° | 14983.5 | 14073.5 | 13163.5 | 13504.0 | 13844.5 | 14967.1 | 16089.7 |
| 20000.8 | 45° | 18553.5 | 17095.3 | 15637.4 | 15787.9 | 15938.0 | 16946.7 | 17955.1 |
| 24589.5 | 47.5° | 22470.7 | 20368.1 | 18264.8 | 18295.3 | 18325.7 | 19307.0 | 20288.0 |
| 29150.6 | 50° | 26353.8 | 23643.3 | 20932.7 | 20927.5 | 20922.4 | 22133.9 | 23345.7 |
| 33560.2 | 52.5° | 30099.9 | 26862.1 | 23624.4 | 23773.0 | 23921.3 | 25388.4 | 26855.7 |
| 37868.5 | 55° | 33743.3 | 30140.1 | 26536.5 | 27114.9 | 27693.3 | 29142.9 | 30592.6 |
| 42042.1 | 57.5° | 37369.6 | 33731.1 | 30092.5 | 31252.3 | 32412.3 | 33202.1 | 33991.5 |
| 47506.4 | 60° | 42503.8 | 39060.5 | 35617.2 | 37057.7 | 38498.3 | 37271.8 | 36045.7 |
| 52446.9 | 62.5° | 47687.3 | 44532.7 | 41378.5 | 41541.1 | 41703.4 | 38353.0 | 35002.6 |
| 53080.7 | 65° | 48465.5 | 44456.6 | 40448.0 | 39826.1 | 39203.9 | 36059.4 | 32914.9 |
| 49670.3 | 67.5° | 45035.3 | 40858.9 | 36682.2 | 36390.8 | 36099.0 | 33108.3 | 30117.5 |
| 44982.6 | 70° | 40993.8 | 37259.0 | 33524.0 | 33393.3 | 33263.0 | 30009.7 | 26756.7 |
| 39237.1 | 72.5° | 36249.7 | 33327.5 | 30405.3 | 30311.8 | 30218.0 | 26484.8 | 22751.8 |
| 32756.5 | 75° | 30653.5 | 28380.0 | 26106.5 | 25759.6 | 25412.7 | 21549.1 | 17685.6 |
| 25790.4 | 77.5° | 24299.0 | 22570.6 | 20842.3 | 20345.8 | 19849.4 | 16242.6 | 12636.0 |
| 18965.9 | 80° | 18182.6 | 16877.9 | 15572.5 | 14955.5 | 14338.5 | 11304.5 | 8270.2 |
| 12458.8 | 82.5° | 12132.0 | 11233.5 | 10335.1 | 9645.6 | 8956.4 | 6881.7 | 4807.4 |
| 7151.3 | 85° | 6965.8 | 6227.9 | 5489.6 | 4903.3 | 4317.1 | 3216.1 | 2115.1 |
| 2803.1 | 87.5° | 2787.3 | 2418.2 | 2049.1 | 1722.0 | 1394.9 | 1024.8 | 654.8 |
| 0.0 | 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

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