

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: P956056

Luminaire Tested: **GALN-SB8D-827-U-SLR**

Issue Date: 1/21/2025

Test Information

Test Method: LM-79-08
Report Number: P956056
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-SB8D-827-U-SLR
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(8) 80 CRI, 2700K, 900mA LIGHTSQUARES WITH 26 LEDS EACH AND SPILL LIGHT
ELIMINATOR RIGHT OPTICS
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 71296 lumens
Efficiency: N/A
Efficacy: 121.9 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B5 - U0 - G5

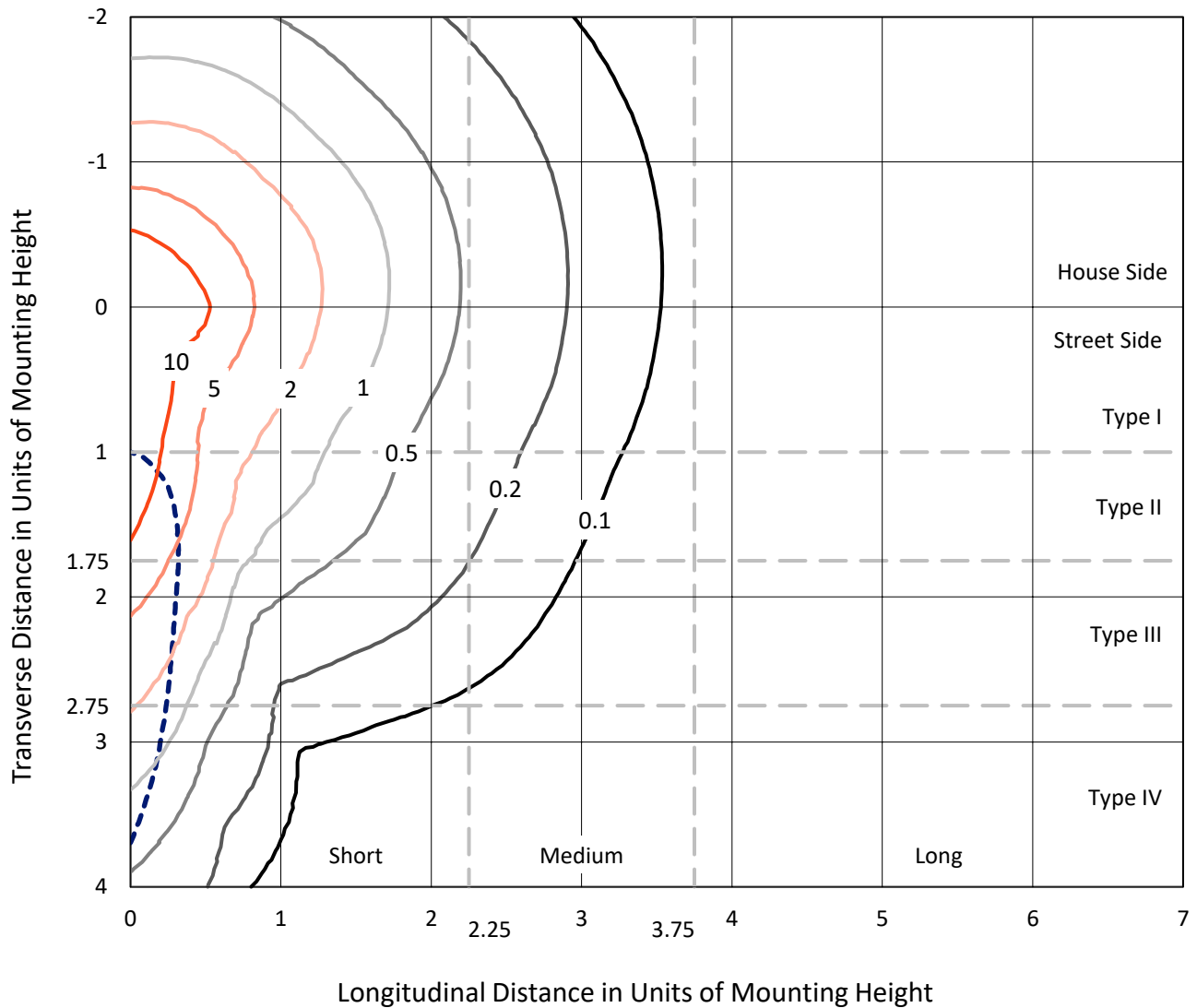
Input Watts (W): 584.9
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



REPORT NUMBER: P956056
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Iso-Footcandle Lines of Horizontal Illumination

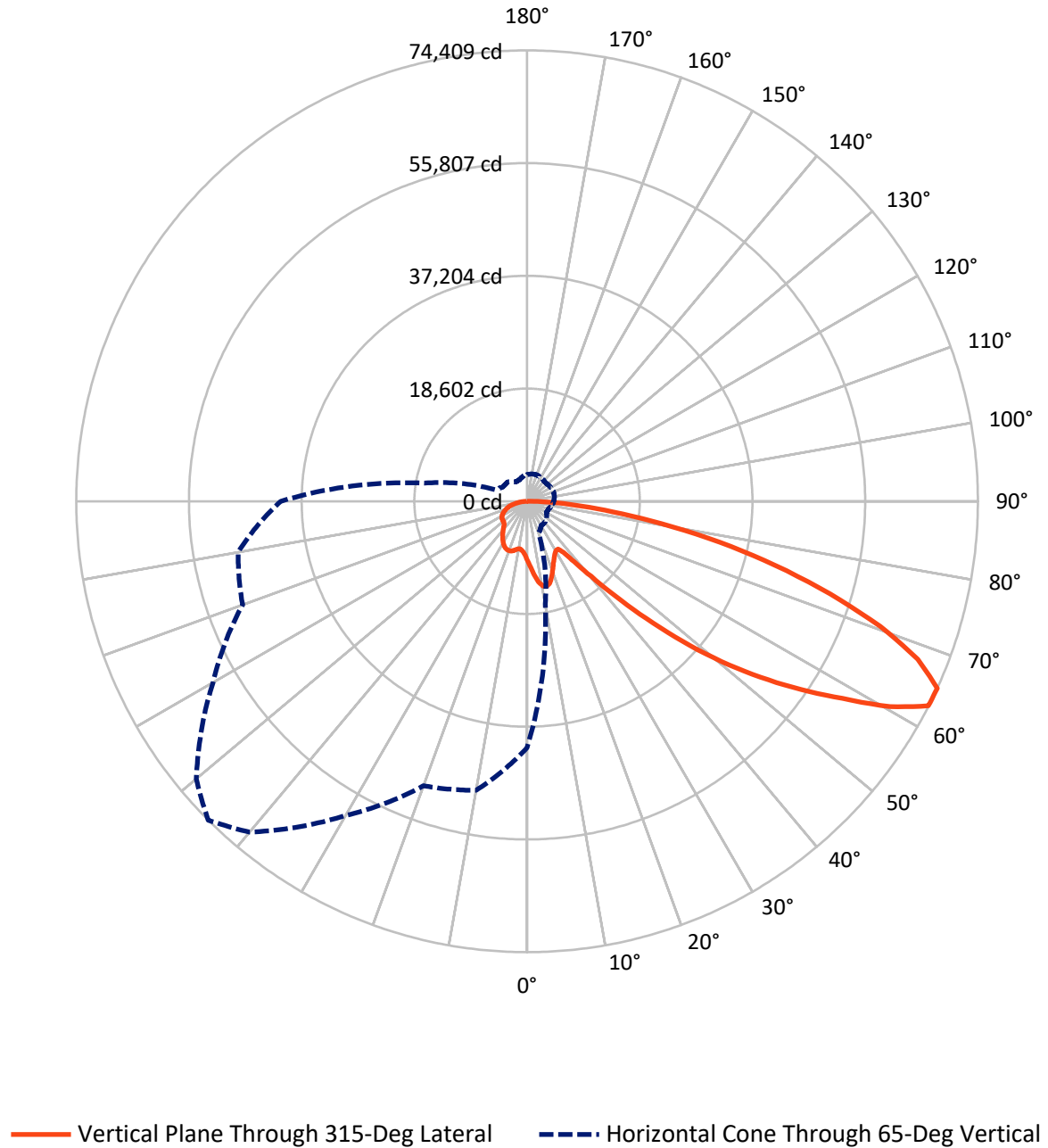
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 19.4 fc
 Type IV - Short - N/A

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

| | | Downward | Upward | Total |
|--------------------|-----------|----------|--------|---------|
| House Side | Lumens | 18119.9 | 0.0 | 18119.9 |
| | % Fixture | 25.4 | 0.0 | 25.4 |
| Street Side | Lumens | 53176.1 | 0.0 | 53176.1 |
| | % Fixture | 74.6 | 0.0 | 74.6 |
| Total | Lumens | 71296.0 | 0.0 | 71296.0 |
| | % Fixture | 100.0 | 0.0 | 100.0 |

Coefficient of Utilization

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|---------|-----------|
| 0°-10° | 972.5 | 1.4 |
| 10°-20° | 3053.0 | 4.3 |
| 20°-30° | 4715.8 | 6.6 |
| 30°-40° | 5976.1 | 8.4 |
| 40°-50° | 9013.5 | 12.6 |
| 50°-60° | 14562.6 | 20.4 |
| 60°-70° | 18154.6 | 25.5 |
| 70°-80° | 11904.9 | 16.7 |
| 80°-90° | 2943.2 | 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° | 71296.0 | 100.0 |
| 0°-180° | 71296.0 | 100.0 |

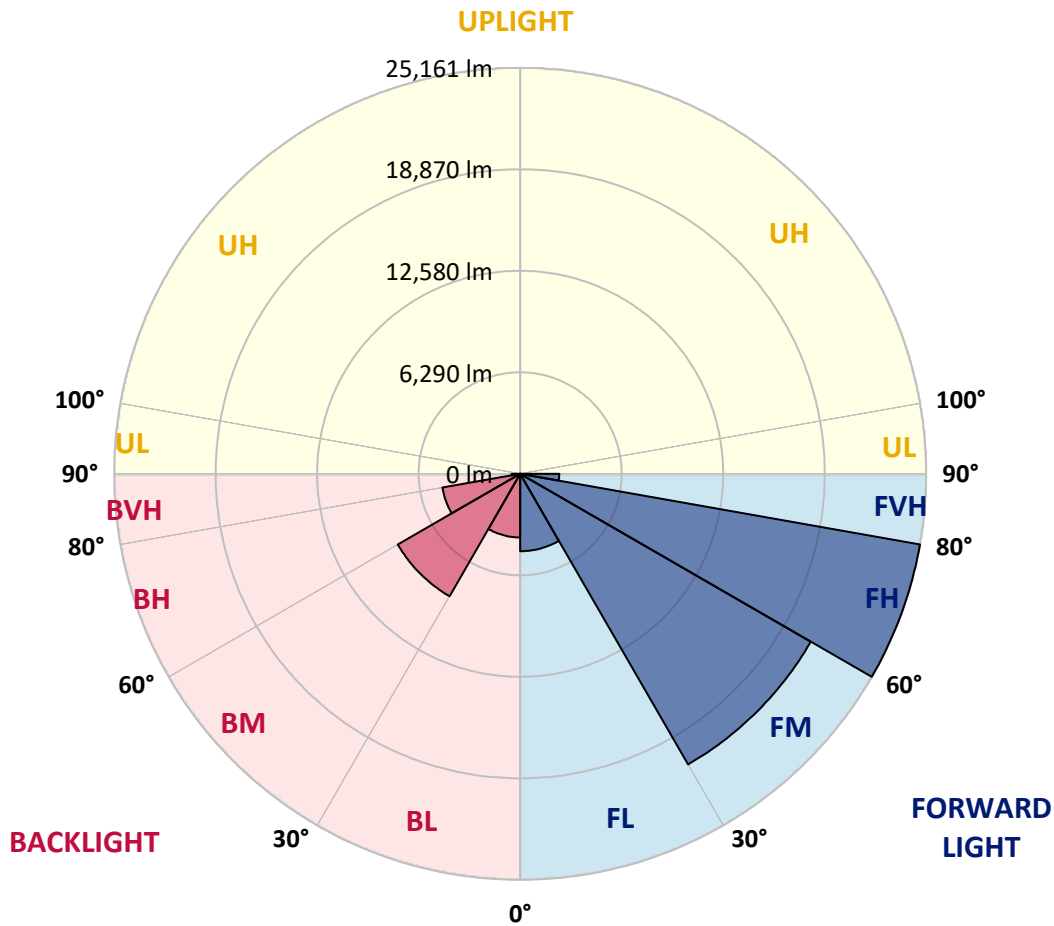


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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

| Zone | Lumens | % Fixture | Zone Rating/Lumen Limit | | |
|----------------|---------|-----------|-------------------------|------|---------|
| | | | B | U | G |
| FL (0°-30°) | 4795.5 | 6.7 | | | |
| FM (30°-60°) | 20795.5 | 29.2 | | | |
| FH (60°-80°) | 25160.6 | 35.3 | | | G5 |
| FVH (80°-90°) | 2424.5 | 3.4 | | | G5 |
| BL (0°-30°) | 3945.8 | 5.5 | B4/5000 | | |
| BM (30°-60°) | 8756.6 | 12.3 | B5 | | |
| BH (60°-80°) | 4898.8 | 6.9 | B4/5000 | | G4/5000 |
| BVH (80°-90°) | 518.6 | 0.7 | | | G4/750 |
| UL (90°-100°) | 0.0 | 0.0 | | U0/0 | |
| UH (100°-180°) | 0.0 | 0.0 | | U0/0 | |

BUG Rating: B5-U0-G5
 Type IV Short



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CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° |
|-------|---------|---------|---------|---------|---------|---------|---------|---------|---------|--------|
| 0° | 9803.8 | 9803.8 | 9803.8 | 9803.8 | 9803.8 | 9803.8 | 9803.8 | 9803.8 | 9803.8 | 9803.8 |
| 2.5° | 10543.1 | 10462.2 | 10381.3 | 10295.1 | 10209.4 | 10122.8 | 10036.3 | 9953.5 | 9870.8 | 9790.6 |
| 5° | 11336.8 | 11158.1 | 10979.4 | 10801.1 | 10623.2 | 10443.7 | 10264.7 | 10097.3 | 9929.8 | 9771.8 |
| 7.5° | 12134.4 | 11839.4 | 11544.9 | 11272.5 | 11000.1 | 10734.9 | 10469.7 | 10236.1 | 10002.4 | 9786.9 |
| 10° | 12745.7 | 12372.9 | 12000.1 | 11640.1 | 11280.4 | 10958.4 | 10636.0 | 10359.8 | 10083.0 | 9817.0 |
| 12.5° | 13120.0 | 12710.3 | 12301.0 | 11893.2 | 11485.4 | 11105.5 | 10725.5 | 10412.9 | 10100.3 | 9820.7 |
| 15° | 13347.6 | 12920.6 | 12493.7 | 12051.2 | 11608.8 | 11171.3 | 10733.8 | 10371.9 | 10010.0 | 9700.4 |
| 17.5° | 13475.5 | 13042.5 | 12609.5 | 12126.9 | 11644.2 | 11136.3 | 10628.4 | 10193.2 | 9757.9 | 9393.8 |
| 20° | 13616.6 | 13166.7 | 12716.4 | 12185.9 | 11655.5 | 11040.0 | 10424.5 | 9885.1 | 9345.6 | 8921.6 |
| 22.5° | 13780.3 | 13320.5 | 12860.5 | 12265.7 | 11670.5 | 10921.9 | 10173.2 | 9523.5 | 8873.8 | 8391.2 |
| 25° | 13990.9 | 13540.2 | 13089.9 | 12410.1 | 11730.0 | 10805.3 | 9880.9 | 9119.9 | 8359.2 | 7864.5 |
| 27.5° | 14276.9 | 13847.2 | 13417.2 | 12635.9 | 11854.1 | 10727.4 | 9600.7 | 8750.8 | 7901.0 | 7450.7 |
| 30° | 14662.5 | 14247.1 | 13832.2 | 12928.2 | 12024.2 | 10690.9 | 9356.9 | 8442.3 | 7527.8 | 7149.7 |
| 32.5° | 15117.7 | 14706.5 | 14295.7 | 13233.3 | 12170.9 | 10645.8 | 9119.9 | 8176.4 | 7232.5 | 6927.8 |
| 35° | 15670.7 | 15277.2 | 14883.3 | 13580.9 | 12278.5 | 10560.7 | 8843.7 | 7914.9 | 6986.1 | 6732.1 |
| 37.5° | 16601.8 | 16099.9 | 15598.1 | 13970.2 | 12342.4 | 10415.1 | 8487.9 | 7607.2 | 6726.5 | 6504.5 |
| 40° | 18008.8 | 17277.4 | 16546.1 | 14464.6 | 12382.7 | 10214.6 | 8047.0 | 7240.0 | 6433.0 | 6231.8 |
| 42.5° | 19874.7 | 18819.1 | 17763.5 | 15111.3 | 12459.0 | 10007.7 | 7557.1 | 6834.8 | 6112.5 | 5927.1 |
| 45° | 22179.0 | 20755.0 | 19331.1 | 15962.2 | 12593.3 | 9815.5 | 7038.0 | 6404.5 | 5770.9 | 5582.8 |
| 47.5° | 25060.7 | 23056.6 | 21052.2 | 16868.9 | 12685.5 | 9656.7 | 6627.9 | 6064.0 | 5500.1 | 5257.4 |
| 50° | 28837.7 | 25816.5 | 22794.8 | 17710.1 | 12625.3 | 9483.7 | 6342.0 | 5837.9 | 5333.8 | 5014.8 |
| 52.5° | 33173.5 | 28715.5 | 24257.5 | 18256.3 | 12254.8 | 9191.4 | 6128.3 | 5688.9 | 5249.9 | 4883.1 |
| 55° | 37789.5 | 31285.7 | 24782.3 | 18135.9 | 11489.2 | 8706.8 | 5924.4 | 5581.0 | 5237.5 | 4896.3 |
| 57.5° | 41987.9 | 33107.2 | 24226.6 | 17288.7 | 10351.2 | 8023.6 | 5695.7 | 5453.0 | 5210.4 | 4909.4 |
| 60° | 44525.3 | 33562.5 | 22599.2 | 15712.1 | 8824.9 | 7136.5 | 5448.2 | 5257.4 | 5066.7 | 4868.0 |
| 62.5° | 43236.9 | 31645.7 | 20054.6 | 13580.1 | 7105.7 | 6074.9 | 5044.1 | 4917.3 | 4790.9 | 4766.5 |
| 65° | 40658.0 | 28933.7 | 17209.3 | 11404.9 | 5600.9 | 5119.7 | 4638.6 | 4578.7 | 4518.9 | 4521.9 |
| 67.5° | 37202.6 | 25706.2 | 14209.9 | 9274.1 | 4338.4 | 4201.8 | 4064.9 | 4098.3 | 4131.4 | 4123.2 |
| 70° | 33051.2 | 22184.6 | 11318.0 | 7302.1 | 3286.1 | 3325.2 | 3364.0 | 3519.0 | 3673.6 | 3673.6 |
| 72.5° | 28104.1 | 18366.9 | 8630.1 | 5582.5 | 2534.8 | 2652.6 | 2770.7 | 2990.4 | 3209.8 | 3246.6 |
| 75° | 21846.0 | 13990.6 | 6135.1 | 4051.7 | 1968.3 | 2075.1 | 2182.0 | 2428.0 | 2674.0 | 2844.1 |
| 77.5° | 15608.6 | 9792.2 | 3975.7 | 2745.5 | 1515.3 | 1587.9 | 1660.9 | 1899.8 | 2138.7 | 2419.0 |
| 80° | 10215.8 | 6308.9 | 2402.0 | 1768.9 | 1136.1 | 1166.2 | 1196.3 | 1398.7 | 1600.7 | 1935.6 |
| 82.5° | 5938.3 | 3651.4 | 1364.9 | 1088.0 | 811.8 | 817.1 | 823.1 | 972.1 | 1121.1 | 1407.0 |
| 85° | 2612.7 | 1642.5 | 672.6 | 581.6 | 490.9 | 488.3 | 485.3 | 594.4 | 703.5 | 916.1 |
| 87.5° | 808.8 | 538.0 | 267.1 | 241.1 | 215.2 | 212.6 | 209.9 | 254.3 | 299.1 | 387.5 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

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CANDELA DISTRIBUTION (continued):

| 50° | | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° |
|--------|-------|--------|--------|--------|--------|--------|---------|---------|---------|--------|--------|
| 9803.8 | 0° | 9803.8 | 9803.8 | 9803.8 | 9803.8 | 9803.8 | 9803.8 | 9803.8 | 9803.8 | 9803.8 | 9803.8 |
| 9701.5 | 2.5° | 9629.3 | 9557.4 | 9492.3 | 9427.6 | 9370.8 | 9314.0 | 9256.8 | 9200.0 | 9156.0 | 9111.6 |
| 9615.7 | 5° | 9479.5 | 9343.0 | 9228.6 | 9114.6 | 9013.8 | 8913.0 | 8821.6 | 8729.8 | 8659.4 | 8588.7 |
| 9584.9 | 7.5° | 9403.5 | 9222.6 | 9072.1 | 8921.6 | 8794.8 | 8667.7 | 8555.6 | 8443.8 | 8360.0 | 8276.4 |
| 9599.9 | 10° | 9408.8 | 9217.7 | 9067.2 | 8916.7 | 8780.2 | 8643.2 | 8517.2 | 8391.2 | 8291.1 | 8190.7 |
| 9618.7 | 12.5° | 9462.2 | 9306.5 | 9206.4 | 9107.1 | 8999.5 | 8892.7 | 8762.1 | 8631.9 | 8504.0 | 8376.1 |
| 9538.6 | 15° | 9463.7 | 9389.2 | 9402.8 | 9416.3 | 9388.5 | 9360.6 | 9247.4 | 9134.2 | 8952.1 | 8770.0 |
| 9294.1 | 17.5° | 9321.5 | 9348.6 | 9512.6 | 9676.7 | 9763.9 | 9850.8 | 9759.4 | 9668.4 | 9427.2 | 9186.1 |
| 8895.3 | 20° | 9023.2 | 9151.1 | 9435.9 | 9721.0 | 9903.5 | 10086.0 | 10043.8 | 10001.3 | 9725.6 | 9450.2 |
| 8442.7 | 22.5° | 8631.9 | 8821.2 | 9146.2 | 9472.0 | 9709.4 | 9946.8 | 9972.4 | 9997.6 | 9734.2 | 9470.9 |
| 8003.7 | 25° | 8221.9 | 8440.1 | 8732.4 | 9025.1 | 9258.7 | 9492.3 | 9579.6 | 9666.5 | 9450.6 | 9235.0 |
| 7620.0 | 27.5° | 7830.6 | 8041.3 | 8281.7 | 8521.7 | 8709.1 | 8896.4 | 8993.5 | 9090.9 | 8937.0 | 8783.6 |
| 7282.5 | 30° | 7449.5 | 7617.3 | 7816.7 | 8016.1 | 8171.5 | 8327.2 | 8406.2 | 8485.2 | 8368.2 | 8250.9 |
| 6986.8 | 32.5° | 7085.8 | 7184.7 | 7343.8 | 7503.3 | 7652.3 | 7801.7 | 7889.3 | 7977.4 | 7869.8 | 7761.8 |
| 6707.7 | 35° | 6734.8 | 6762.2 | 6883.7 | 7004.9 | 7152.3 | 7300.2 | 7405.5 | 7510.9 | 7434.1 | 7357.8 |
| 6415.0 | 37.5° | 6384.9 | 6354.8 | 6442.1 | 6529.0 | 6676.1 | 6823.5 | 6953.7 | 7083.9 | 7048.5 | 7013.2 |
| 6094.5 | 40° | 6026.4 | 5958.3 | 6021.1 | 6083.9 | 6226.1 | 6368.3 | 6518.1 | 6668.2 | 6676.8 | 6685.1 |
| 5754.0 | 42.5° | 5663.7 | 5573.4 | 5624.6 | 5676.1 | 5810.8 | 5945.9 | 6107.6 | 6269.4 | 6312.7 | 6355.9 |
| 5415.4 | 45° | 5327.4 | 5239.7 | 5282.6 | 5326.3 | 5454.2 | 5582.1 | 5749.9 | 5917.7 | 5979.7 | 6041.8 |
| 5113.3 | 47.5° | 5039.6 | 4965.9 | 5006.5 | 5046.7 | 5172.0 | 5296.9 | 5462.4 | 5628.0 | 5699.5 | 5770.9 |
| 4847.4 | 50° | 4781.9 | 4716.8 | 4780.0 | 4843.6 | 4961.7 | 5079.5 | 5227.7 | 5375.9 | 5467.7 | 5559.5 |
| 4649.1 | 52.5° | 4584.4 | 4520.1 | 4615.2 | 4710.0 | 4818.4 | 4926.4 | 5064.4 | 5202.9 | 5311.6 | 5420.3 |
| 4543.8 | 55° | 4441.4 | 4339.5 | 4474.5 | 4609.2 | 4725.8 | 4842.5 | 4963.6 | 5084.4 | 5199.5 | 5315.0 |
| 4480.6 | 57.5° | 4331.6 | 4182.6 | 4327.8 | 4473.0 | 4610.0 | 4746.9 | 4866.5 | 4986.6 | 5102.8 | 5218.7 |
| 4421.1 | 60° | 4228.1 | 4034.8 | 4162.3 | 4289.5 | 4446.7 | 4604.0 | 4725.5 | 4847.4 | 4964.0 | 5080.6 |
| 4351.9 | 62.5° | 4110.4 | 3869.2 | 3950.1 | 4031.0 | 4214.2 | 4397.8 | 4527.6 | 4657.4 | 4764.2 | 4871.1 |
| 4205.9 | 65° | 3949.4 | 3692.4 | 3723.6 | 3754.5 | 3950.9 | 4147.6 | 4271.8 | 4395.9 | 4490.0 | 4584.0 |
| 3945.6 | 67.5° | 3731.9 | 3518.2 | 3508.5 | 3498.7 | 3680.0 | 3861.7 | 3979.5 | 4096.8 | 4178.1 | 4259.4 |
| 3615.3 | 70° | 3463.3 | 3311.3 | 3277.5 | 3243.6 | 3403.1 | 3562.6 | 3664.2 | 3765.8 | 3839.1 | 3912.5 |
| 3247.4 | 72.5° | 3143.2 | 3039.0 | 2989.3 | 2940.0 | 3065.7 | 3190.9 | 3282.7 | 3374.5 | 3446.4 | 3518.2 |
| 2829.8 | 75° | 2749.7 | 2669.2 | 2621.7 | 2574.0 | 2667.3 | 2760.6 | 2843.7 | 2926.8 | 2992.3 | 3057.8 |
| 2411.5 | 77.5° | 2347.1 | 2282.8 | 2234.6 | 2186.5 | 2262.5 | 2338.1 | 2409.6 | 2481.0 | 2549.9 | 2618.4 |
| 1934.4 | 80° | 1880.6 | 1826.5 | 1786.2 | 1745.6 | 1808.8 | 1871.6 | 1931.8 | 1992.0 | 2044.3 | 2096.2 |
| 1422.8 | 82.5° | 1396.5 | 1370.1 | 1341.5 | 1312.9 | 1307.7 | 1302.4 | 1281.3 | 1260.3 | 1371.6 | 1483.0 |
| 936.7 | 85° | 908.5 | 880.3 | 848.3 | 816.4 | 789.3 | 761.8 | 703.5 | 645.2 | 749.4 | 854.0 |
| 413.8 | 87.5° | 402.5 | 391.2 | 385.2 | 379.2 | 378.1 | 377.0 | 332.6 | 287.8 | 331.4 | 375.4 |
| 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):

| 105° | | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° |
|--------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 9803.8 | 0° | 9803.8 | 9803.8 | 9803.8 | 9803.8 | 9803.8 | 9803.8 | 9803.8 | 9803.8 | 9803.8 | 9803.8 |
| 9075.9 | 2.5° | 9040.1 | 9012.3 | 8984.4 | 8958.9 | 8932.9 | 8900.9 | 8932.9 | 8958.9 | 8984.4 | 9012.3 |
| 8539.4 | 5° | 8490.1 | 8455.1 | 8420.1 | 8393.4 | 8366.7 | 8340.4 | 8366.7 | 8393.4 | 8420.1 | 8455.1 |
| 8217.7 | 7.5° | 8159.1 | 8118.8 | 8078.9 | 8054.9 | 8031.2 | 8013.1 | 8031.2 | 8054.9 | 8078.9 | 8118.8 |
| 8125.2 | 10° | 8059.0 | 8021.0 | 7983.0 | 7962.7 | 7942.4 | 7934.1 | 7942.4 | 7962.7 | 7983.0 | 8021.0 |
| 8291.5 | 12.5° | 8206.8 | 8164.3 | 8122.2 | 8104.9 | 8087.6 | 8084.6 | 8087.6 | 8104.9 | 8122.2 | 8164.3 |
| 8641.4 | 15° | 8512.7 | 8453.6 | 8394.9 | 8372.4 | 8349.8 | 8347.9 | 8349.8 | 8372.4 | 8394.9 | 8453.6 |
| 8996.5 | 17.5° | 8806.9 | 8719.6 | 8631.9 | 8603.4 | 8574.4 | 8569.9 | 8574.4 | 8603.4 | 8631.9 | 8719.6 |
| 9217.7 | 20° | 8985.6 | 8873.8 | 8761.7 | 8726.0 | 8690.3 | 8679.0 | 8690.3 | 8726.0 | 8761.7 | 8873.8 |
| 9231.6 | 22.5° | 8992.0 | 8874.2 | 8756.1 | 8716.6 | 8677.1 | 8660.2 | 8677.1 | 8716.6 | 8756.1 | 8874.2 |
| 9022.1 | 25° | 8809.9 | 8707.6 | 8605.6 | 8568.4 | 8531.5 | 8509.7 | 8531.5 | 8568.4 | 8605.6 | 8707.6 |
| 8618.4 | 27.5° | 8453.3 | 8384.8 | 8315.9 | 8299.0 | 8282.1 | 8276.4 | 8282.1 | 8299.0 | 8315.9 | 8384.8 |
| 8132.7 | 30° | 8013.8 | 7978.9 | 7943.5 | 7943.5 | 7943.5 | 7949.1 | 7943.5 | 7943.5 | 7943.5 | 7978.9 |
| 7667.4 | 32.5° | 7572.9 | 7550.0 | 7527.0 | 7530.1 | 7533.4 | 7539.1 | 7533.4 | 7530.1 | 7527.0 | 7550.0 |
| 7270.5 | 35° | 7183.6 | 7148.6 | 7114.0 | 7106.4 | 7098.9 | 7095.2 | 7098.9 | 7106.4 | 7114.0 | 7148.6 |
| 6933.0 | 37.5° | 6852.5 | 6788.9 | 6725.7 | 6692.3 | 6658.8 | 6640.0 | 6658.8 | 6692.3 | 6725.7 | 6788.9 |
| 6617.0 | 40° | 6548.9 | 6456.4 | 6364.6 | 6302.1 | 6240.4 | 6203.6 | 6240.4 | 6302.1 | 6364.6 | 6456.4 |
| 6298.4 | 42.5° | 6241.2 | 6126.4 | 6011.7 | 5921.0 | 5830.4 | 5770.9 | 5830.4 | 5921.0 | 6011.7 | 6126.4 |
| 5989.9 | 45° | 5938.3 | 5807.0 | 5676.1 | 5569.7 | 5463.2 | 5394.7 | 5463.2 | 5569.7 | 5676.1 | 5807.0 |
| 5734.8 | 47.5° | 5698.7 | 5582.1 | 5465.5 | 5366.9 | 5268.7 | 5202.9 | 5268.7 | 5366.9 | 5465.5 | 5582.1 |
| 5557.3 | 50° | 5555.7 | 5462.4 | 5369.1 | 5278.1 | 5187.1 | 5123.9 | 5187.1 | 5278.1 | 5369.1 | 5462.4 |
| 5439.9 | 52.5° | 5459.4 | 5383.4 | 5307.5 | 5225.8 | 5144.6 | 5086.2 | 5144.6 | 5225.8 | 5307.5 | 5383.4 |
| 5342.1 | 55° | 5369.1 | 5302.9 | 5236.7 | 5165.2 | 5093.8 | 5041.1 | 5093.8 | 5165.2 | 5236.7 | 5302.9 |
| 5246.1 | 57.5° | 5273.6 | 5206.6 | 5139.7 | 5068.9 | 4997.8 | 4943.3 | 4997.8 | 5068.9 | 5139.7 | 5206.6 |
| 5110.7 | 60° | 5140.8 | 5075.3 | 5010.3 | 4937.3 | 4864.3 | 4807.9 | 4864.3 | 4937.3 | 5010.3 | 5075.3 |
| 4900.0 | 62.5° | 4929.0 | 4869.9 | 4810.9 | 4734.1 | 4657.4 | 4589.7 | 4657.4 | 4734.1 | 4810.9 | 4869.9 |
| 4613.7 | 65° | 4643.1 | 4586.3 | 4529.5 | 4455.0 | 4380.9 | 4322.6 | 4380.9 | 4455.0 | 4529.5 | 4586.3 |
| 4288.3 | 67.5° | 4316.9 | 4264.6 | 4212.7 | 4143.5 | 4074.3 | 4021.6 | 4074.3 | 4143.5 | 4212.7 | 4264.6 |
| 3940.3 | 70° | 3968.2 | 3925.7 | 3883.2 | 3816.9 | 3750.7 | 3690.5 | 3750.7 | 3816.9 | 3883.2 | 3925.7 |
| 3551.3 | 72.5° | 3584.4 | 3549.1 | 3513.7 | 3450.5 | 3387.7 | 3329.4 | 3387.7 | 3450.5 | 3513.7 | 3549.1 |
| 3092.4 | 75° | 3127.0 | 3109.7 | 3092.4 | 3039.3 | 2986.3 | 2930.6 | 2986.3 | 3039.3 | 3092.4 | 3109.7 |
| 2650.7 | 77.5° | 2683.1 | 2659.0 | 2634.2 | 2580.7 | 2527.3 | 2482.9 | 2527.3 | 2580.7 | 2634.2 | 2659.0 |
| 2139.1 | 80° | 2182.0 | 2171.4 | 2161.3 | 2089.4 | 2017.2 | 1933.7 | 2017.2 | 2089.4 | 2161.3 | 2171.4 |
| 1556.0 | 82.5° | 1629.0 | 1624.4 | 1619.5 | 1559.0 | 1498.0 | 1444.6 | 1498.0 | 1559.0 | 1619.5 | 1624.4 |
| 944.3 | 85° | 1034.6 | 1027.0 | 1019.5 | 972.1 | 924.7 | 876.5 | 924.7 | 972.1 | 1019.5 | 1027.0 |
| 411.9 | 87.5° | 448.4 | 439.4 | 429.6 | 405.5 | 380.7 | 357.4 | 380.7 | 405.5 | 429.6 | 439.4 |
| 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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 CATALOG NUMBER: GALN-SB8D-827-U-SLR

CANDELA DISTRIBUTION (continued):

| 160° | | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° |
|--------|-------|--------|--------|--------|---------|---------|---------|--------|--------|--------|--------|
| 9803.8 | 0° | 9803.8 | 9803.8 | 9803.8 | 9803.8 | 9803.8 | 9803.8 | 9803.8 | 9803.8 | 9803.8 | 9803.8 |
| 9040.1 | 2.5° | 9075.9 | 9111.6 | 9156.0 | 9200.0 | 9256.8 | 9314.0 | 9370.8 | 9427.6 | 9492.3 | 9557.4 |
| 8490.1 | 5° | 8539.4 | 8588.7 | 8659.4 | 8729.8 | 8821.6 | 8913.0 | 9013.8 | 9114.6 | 9228.6 | 9343.0 |
| 8159.1 | 7.5° | 8217.7 | 8276.4 | 8360.0 | 8443.8 | 8555.6 | 8667.7 | 8794.8 | 8921.6 | 9072.1 | 9222.6 |
| 8059.0 | 10° | 8125.2 | 8190.7 | 8291.1 | 8391.2 | 8517.2 | 8643.2 | 8780.2 | 8916.7 | 9067.2 | 9217.7 |
| 8206.8 | 12.5° | 8291.5 | 8376.1 | 8504.0 | 8631.9 | 8762.1 | 8892.7 | 8999.5 | 9107.1 | 9206.4 | 9306.5 |
| 8512.7 | 15° | 8641.4 | 8770.0 | 8952.1 | 9134.2 | 9247.4 | 9360.6 | 9388.5 | 9416.3 | 9402.8 | 9389.2 |
| 8806.9 | 17.5° | 8996.5 | 9186.1 | 9427.2 | 9668.4 | 9759.4 | 9850.8 | 9763.9 | 9676.7 | 9512.6 | 9348.6 |
| 8985.6 | 20° | 9217.7 | 9450.2 | 9725.6 | 10001.3 | 10043.8 | 10086.0 | 9903.5 | 9721.0 | 9435.9 | 9151.1 |
| 8992.0 | 22.5° | 9231.6 | 9470.9 | 9734.2 | 9997.6 | 9972.4 | 9946.8 | 9709.4 | 9472.0 | 9146.2 | 8821.2 |
| 8809.9 | 25° | 9022.1 | 9235.0 | 9450.6 | 9666.5 | 9579.6 | 9492.3 | 9258.7 | 9025.1 | 8732.4 | 8440.1 |
| 8453.3 | 27.5° | 8618.4 | 8783.6 | 8937.0 | 9090.9 | 8993.5 | 8896.4 | 8709.1 | 8521.7 | 8281.7 | 8041.3 |
| 8013.8 | 30° | 8132.7 | 8250.9 | 8368.2 | 8485.2 | 8406.2 | 8327.2 | 8171.5 | 8016.1 | 7816.7 | 7617.3 |
| 7572.9 | 32.5° | 7667.4 | 7761.8 | 7869.8 | 7977.4 | 7889.3 | 7801.7 | 7652.3 | 7503.3 | 7343.8 | 7184.7 |
| 7183.6 | 35° | 7270.5 | 7357.8 | 7434.1 | 7510.9 | 7405.5 | 7300.2 | 7152.3 | 7004.9 | 6883.7 | 6762.2 |
| 6852.5 | 37.5° | 6933.0 | 7013.2 | 7048.5 | 7083.9 | 6953.7 | 6823.5 | 6676.1 | 6529.0 | 6442.1 | 6354.8 |
| 6548.9 | 40° | 6617.0 | 6685.1 | 6676.8 | 6668.2 | 6518.1 | 6368.3 | 6226.1 | 6083.9 | 6021.1 | 5958.3 |
| 6241.2 | 42.5° | 6298.4 | 6355.9 | 6312.7 | 6269.4 | 6107.6 | 5945.9 | 5810.8 | 5676.1 | 5624.6 | 5573.4 |
| 5938.3 | 45° | 5989.9 | 6041.8 | 5979.7 | 5917.7 | 5749.9 | 5582.1 | 5454.2 | 5326.3 | 5282.6 | 5239.7 |
| 5698.7 | 47.5° | 5734.8 | 5770.9 | 5699.5 | 5628.0 | 5462.4 | 5296.9 | 5172.0 | 5046.7 | 5006.5 | 4965.9 |
| 5555.7 | 50° | 5557.3 | 5559.5 | 5467.7 | 5375.9 | 5227.7 | 5079.5 | 4961.7 | 4843.6 | 4780.0 | 4716.8 |
| 5459.4 | 52.5° | 5439.9 | 5420.3 | 5311.6 | 5202.9 | 5064.4 | 4926.4 | 4818.4 | 4710.0 | 4615.2 | 4520.1 |
| 5369.1 | 55° | 5342.1 | 5315.0 | 5199.5 | 5084.4 | 4963.6 | 4842.5 | 4725.8 | 4609.2 | 4474.5 | 4339.5 |
| 5273.6 | 57.5° | 5246.1 | 5218.7 | 5102.8 | 4986.6 | 4866.5 | 4746.9 | 4610.0 | 4473.0 | 4327.8 | 4182.6 |
| 5140.8 | 60° | 5110.7 | 5080.6 | 4964.0 | 4847.4 | 4725.5 | 4604.0 | 4446.7 | 4289.5 | 4162.3 | 4034.8 |
| 4929.0 | 62.5° | 4900.0 | 4871.1 | 4764.2 | 4657.4 | 4527.6 | 4397.8 | 4214.2 | 4031.0 | 3950.1 | 3869.2 |
| 4643.1 | 65° | 4613.7 | 4584.0 | 4490.0 | 4395.9 | 4271.8 | 4147.6 | 3950.9 | 3754.5 | 3723.6 | 3692.4 |
| 4316.9 | 67.5° | 4288.3 | 4259.4 | 4178.1 | 4096.8 | 3979.5 | 3861.7 | 3680.0 | 3498.7 | 3508.5 | 3518.2 |
| 3968.2 | 70° | 3940.3 | 3912.5 | 3839.1 | 3765.8 | 3664.2 | 3562.6 | 3403.1 | 3243.6 | 3277.5 | 3311.3 |
| 3584.4 | 72.5° | 3551.3 | 3518.2 | 3446.4 | 3374.5 | 3282.7 | 3190.9 | 3065.7 | 2940.0 | 2989.3 | 3039.0 |
| 3127.0 | 75° | 3092.4 | 3057.8 | 2992.3 | 2926.8 | 2843.7 | 2760.6 | 2667.3 | 2574.0 | 2621.7 | 2669.2 |
| 2683.1 | 77.5° | 2650.7 | 2618.4 | 2549.9 | 2481.0 | 2409.6 | 2338.1 | 2262.5 | 2186.5 | 2234.6 | 2282.8 |
| 2182.0 | 80° | 2139.1 | 2096.2 | 2044.3 | 1992.0 | 1931.8 | 1871.6 | 1808.8 | 1745.6 | 1786.2 | 1826.5 |
| 1629.0 | 82.5° | 1556.0 | 1483.0 | 1371.6 | 1260.3 | 1281.3 | 1302.4 | 1307.7 | 1312.9 | 1341.5 | 1370.1 |
| 1034.6 | 85° | 944.3 | 854.0 | 749.4 | 645.2 | 703.5 | 761.8 | 789.3 | 816.4 | 848.3 | 880.3 |
| 448.4 | 87.5° | 411.9 | 375.4 | 331.4 | 287.8 | 332.6 | 377.0 | 378.1 | 379.2 | 385.2 | 391.2 |
| 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° |
|--------|-------|--------|--------|---------|---------|---------|---------|---------|---------|---------|---------|
| 9803.8 | 0° | 9803.8 | 9803.8 | 9803.8 | 9803.8 | 9803.8 | 9803.8 | 9803.8 | 9803.8 | 9803.8 | 9803.8 |
| 9629.3 | 2.5° | 9701.5 | 9790.6 | 9870.8 | 9953.5 | 10036.3 | 10122.8 | 10209.4 | 10295.1 | 10381.3 | 10462.2 |
| 9479.5 | 5° | 9615.7 | 9771.8 | 9929.8 | 10097.3 | 10264.7 | 10443.7 | 10623.2 | 10801.1 | 10979.4 | 11158.1 |
| 9403.5 | 7.5° | 9584.9 | 9786.9 | 10002.4 | 10236.1 | 10469.7 | 10734.9 | 11000.1 | 11272.5 | 11544.9 | 11839.4 |
| 9408.8 | 10° | 9599.9 | 9817.0 | 10083.0 | 10359.8 | 10636.0 | 10958.4 | 11280.4 | 11640.1 | 12000.1 | 12372.9 |
| 9462.2 | 12.5° | 9618.7 | 9820.7 | 10100.3 | 10412.9 | 10725.5 | 11105.5 | 11485.4 | 11893.2 | 12301.0 | 12710.3 |
| 9463.7 | 15° | 9538.6 | 9700.4 | 10010.0 | 10371.9 | 10733.8 | 11171.3 | 11608.8 | 12051.2 | 12493.7 | 12920.6 |
| 9321.5 | 17.5° | 9294.1 | 9393.8 | 9757.9 | 10193.2 | 10628.4 | 11136.3 | 11644.2 | 12126.9 | 12609.5 | 13042.5 |
| 9023.2 | 20° | 8895.3 | 8921.6 | 9345.6 | 9885.1 | 10424.5 | 11040.0 | 11655.5 | 12185.9 | 12716.4 | 13166.7 |
| 8631.9 | 22.5° | 8442.7 | 8391.2 | 8873.8 | 9523.5 | 10173.2 | 10921.9 | 11670.5 | 12265.7 | 12860.5 | 13320.5 |
| 8221.9 | 25° | 8003.7 | 7864.5 | 8359.2 | 9119.9 | 9880.9 | 10805.3 | 11730.0 | 12410.1 | 13089.9 | 13540.2 |
| 7830.6 | 27.5° | 7620.0 | 7450.7 | 7901.0 | 8750.8 | 9600.7 | 10727.4 | 11854.1 | 12635.9 | 13417.2 | 13847.2 |
| 7449.5 | 30° | 7282.5 | 7149.7 | 7527.8 | 8442.3 | 9356.9 | 10690.9 | 12024.2 | 12928.2 | 13832.2 | 14247.1 |
| 7085.8 | 32.5° | 6986.8 | 6927.8 | 7232.5 | 8176.4 | 9119.9 | 10645.8 | 12170.9 | 13233.3 | 14295.7 | 14706.5 |
| 6734.8 | 35° | 6707.7 | 6732.1 | 6986.1 | 7914.9 | 8843.7 | 10560.7 | 12278.5 | 13580.9 | 14883.3 | 15277.2 |
| 6384.9 | 37.5° | 6415.0 | 6504.5 | 6726.5 | 7607.2 | 8487.9 | 10415.1 | 12342.4 | 13970.2 | 15598.1 | 16099.9 |
| 6026.4 | 40° | 6094.5 | 6231.8 | 6433.0 | 7240.0 | 8047.0 | 10214.6 | 12382.7 | 14464.6 | 16546.1 | 17277.4 |
| 5663.7 | 42.5° | 5754.0 | 5927.1 | 6112.5 | 6834.8 | 7557.1 | 10007.7 | 12459.0 | 15111.3 | 17763.5 | 18819.1 |
| 5327.4 | 45° | 5415.4 | 5582.8 | 5770.9 | 6404.5 | 7038.0 | 9815.5 | 12593.3 | 15962.2 | 19331.1 | 20755.0 |
| 5039.6 | 47.5° | 5113.3 | 5257.4 | 5500.1 | 6064.0 | 6627.9 | 9656.7 | 12685.5 | 16868.9 | 21052.2 | 23056.6 |
| 4781.9 | 50° | 4847.4 | 5014.8 | 5333.8 | 5837.9 | 6342.0 | 9483.7 | 12625.3 | 17710.1 | 22794.8 | 25816.5 |
| 4584.4 | 52.5° | 4649.1 | 4883.1 | 5249.9 | 5688.9 | 6128.3 | 9191.4 | 12254.8 | 18256.3 | 24257.5 | 28715.5 |
| 4441.4 | 55° | 4543.8 | 4896.3 | 5237.5 | 5581.0 | 5924.4 | 8706.8 | 11489.2 | 18135.9 | 24782.3 | 31285.7 |
| 4331.6 | 57.5° | 4480.6 | 4909.4 | 5210.4 | 5453.0 | 5695.7 | 8023.6 | 10351.2 | 17288.7 | 24226.6 | 33107.2 |
| 4228.1 | 60° | 4421.1 | 4868.0 | 5066.7 | 5257.4 | 5448.2 | 7136.5 | 8824.9 | 15712.1 | 22599.2 | 33562.5 |
| 4110.4 | 62.5° | 4351.9 | 4766.5 | 4790.9 | 4917.3 | 5044.1 | 6074.9 | 7105.7 | 13580.1 | 20054.6 | 31645.7 |
| 3949.4 | 65° | 4205.9 | 4521.9 | 4518.9 | 4578.7 | 4638.6 | 5119.7 | 5600.9 | 11404.9 | 17209.3 | 28933.7 |
| 3731.9 | 67.5° | 3945.6 | 4123.2 | 4131.4 | 4098.3 | 4064.9 | 4201.8 | 4338.4 | 9274.1 | 14209.9 | 25706.2 |
| 3463.3 | 70° | 3615.3 | 3673.6 | 3673.6 | 3519.0 | 3364.0 | 3325.2 | 3286.1 | 7302.1 | 11318.0 | 22184.6 |
| 3143.2 | 72.5° | 3247.4 | 3246.6 | 3209.8 | 2990.4 | 2770.7 | 2652.6 | 2534.8 | 5582.5 | 8630.1 | 18366.9 |
| 2749.7 | 75° | 2829.8 | 2844.1 | 2674.0 | 2428.0 | 2182.0 | 2075.1 | 1968.3 | 4051.7 | 6135.1 | 13990.6 |
| 2347.1 | 77.5° | 2411.5 | 2419.0 | 2138.7 | 1899.8 | 1660.9 | 1587.9 | 1515.3 | 2745.5 | 3975.7 | 9792.2 |
| 1880.6 | 80° | 1934.4 | 1935.6 | 1600.7 | 1398.7 | 1196.3 | 1166.2 | 1136.1 | 1768.9 | 2402.0 | 6308.9 |
| 1396.5 | 82.5° | 1422.8 | 1407.0 | 1121.1 | 972.1 | 823.1 | 817.1 | 811.8 | 1088.0 | 1364.9 | 3651.4 |
| 908.5 | 85° | 936.7 | 916.1 | 703.5 | 594.4 | 485.3 | 488.3 | 490.9 | 581.6 | 672.6 | 1642.5 |
| 402.5 | 87.5° | 413.8 | 387.5 | 299.1 | 254.3 | 209.9 | 212.6 | 215.2 | 241.1 | 267.1 | 538.0 |
| 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° |
|---------|-------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 9803.8 | 0° | 9803.8 | 9803.8 | 9803.8 | 9803.8 | 9803.8 | 9803.8 | 9803.8 | 9803.8 | 9803.8 | 9803.8 |
| 10543.1 | 2.5° | 10582.9 | 10623.2 | 10680.0 | 10736.8 | 10770.7 | 10804.5 | 10821.4 | 10838.4 | 10830.8 | 10838.4 |
| 11336.8 | 5° | 11476.4 | 11616.4 | 11754.8 | 11893.6 | 11968.9 | 12044.1 | 12089.6 | 12135.5 | 12170.1 | 12135.5 |
| 12134.4 | 7.5° | 12361.6 | 12588.5 | 12792.7 | 12997.0 | 13120.0 | 13243.0 | 13309.6 | 13375.8 | 13407.8 | 13375.8 |
| 12745.7 | 10° | 13014.3 | 13282.9 | 13522.6 | 13762.2 | 13907.4 | 14051.9 | 14116.6 | 14180.9 | 14205.4 | 14180.9 |
| 13120.0 | 12.5° | 13411.2 | 13702.0 | 13918.7 | 14134.6 | 14240.0 | 14345.3 | 14380.7 | 14416.0 | 14419.8 | 14416.0 |
| 13347.6 | 15° | 13598.9 | 13849.9 | 13985.7 | 14121.9 | 14125.6 | 14129.4 | 14091.8 | 14054.1 | 14009.7 | 14054.1 |
| 13475.5 | 17.5° | 13645.2 | 13814.9 | 13817.5 | 13819.8 | 13667.4 | 13515.0 | 13375.5 | 13235.5 | 13137.0 | 13235.5 |
| 13616.6 | 20° | 13675.7 | 13735.1 | 13556.4 | 13377.7 | 13041.4 | 12705.1 | 12460.2 | 12215.3 | 12064.8 | 12215.3 |
| 13780.3 | 22.5° | 13702.8 | 13625.3 | 13255.1 | 12884.9 | 12390.2 | 11895.5 | 11589.3 | 11283.0 | 11116.8 | 11283.0 |
| 13990.9 | 25° | 13746.4 | 13501.9 | 12939.8 | 12377.8 | 11777.0 | 11176.2 | 10854.2 | 10532.9 | 10375.6 | 10532.9 |
| 14276.9 | 27.5° | 13839.7 | 13402.2 | 12657.7 | 11913.6 | 11247.7 | 10581.8 | 10265.0 | 9948.7 | 9800.1 | 9948.7 |
| 14662.5 | 30° | 14010.5 | 13358.9 | 12442.5 | 11526.1 | 10832.3 | 10138.6 | 9844.8 | 9551.0 | 9412.6 | 9551.0 |
| 15117.7 | 32.5° | 14224.9 | 13332.6 | 12295.8 | 11259.0 | 10607.0 | 9955.0 | 9724.4 | 9493.4 | 9393.8 | 9493.4 |
| 15670.7 | 35° | 14578.2 | 13486.1 | 12405.6 | 11325.5 | 10872.6 | 10420.0 | 10366.2 | 10312.4 | 10304.2 | 10312.4 |
| 16601.8 | 37.5° | 15316.7 | 14031.6 | 13049.7 | 12067.8 | 12038.5 | 12009.1 | 12255.1 | 12501.2 | 12629.1 | 12501.2 |
| 18008.8 | 40° | 16611.2 | 15213.6 | 14483.4 | 13753.2 | 14268.6 | 14784.0 | 15382.1 | 15980.3 | 16278.2 | 15980.3 |
| 19874.7 | 42.5° | 18488.1 | 17101.4 | 16680.8 | 16260.2 | 17384.3 | 18508.4 | 19596.3 | 20684.3 | 21323.1 | 20684.3 |
| 22179.0 | 45° | 20933.4 | 19687.4 | 19501.9 | 19316.1 | 21116.9 | 22918.2 | 24705.9 | 26494.0 | 27579.3 | 26494.0 |
| 25060.7 | 47.5° | 23848.9 | 22636.8 | 22599.2 | 22561.6 | 25159.6 | 27756.9 | 30374.1 | 32991.0 | 34527.8 | 32991.0 |
| 28837.7 | 50° | 27340.8 | 25844.3 | 25850.7 | 25857.1 | 29205.3 | 32553.5 | 36008.1 | 39462.8 | 41551.5 | 39462.8 |
| 33173.5 | 52.5° | 31360.9 | 29548.8 | 29365.5 | 29182.0 | 33181.4 | 37180.8 | 41455.2 | 45729.2 | 48232.8 | 45729.2 |
| 37789.5 | 55° | 35998.7 | 34208.0 | 33493.6 | 32779.2 | 37230.4 | 41681.3 | 46776.9 | 51872.6 | 54850.2 | 51872.6 |
| 41987.9 | 57.5° | 41012.7 | 40037.3 | 38604.3 | 37171.7 | 41666.2 | 46160.7 | 51932.4 | 57703.7 | 61396.1 | 57703.7 |
| 44525.3 | 60° | 46039.9 | 47554.9 | 45775.5 | 43996.0 | 48249.4 | 52502.7 | 58682.2 | 64861.7 | 68852.4 | 64861.7 |
| 43236.9 | 62.5° | 47375.4 | 51514.0 | 51313.5 | 51112.6 | 55009.0 | 58905.6 | 64784.9 | 70663.8 | 74352.5 | 70663.8 |
| 40658.0 | 65° | 44542.3 | 48426.6 | 49195.1 | 49963.3 | 54914.9 | 59866.8 | 65567.8 | 71268.4 | 74408.9 | 71268.4 |
| 37202.6 | 67.5° | 40896.9 | 44591.2 | 44951.6 | 45311.6 | 50470.8 | 55629.7 | 61355.1 | 67080.5 | 69540.9 | 67080.5 |
| 33051.2 | 70° | 37069.4 | 41088.0 | 41249.0 | 41410.4 | 46024.1 | 50637.5 | 55564.6 | 60491.3 | 61858.8 | 60491.3 |
| 28104.1 | 72.5° | 32715.2 | 37326.7 | 37442.6 | 37558.1 | 41167.7 | 44777.4 | 48467.6 | 52157.3 | 52295.8 | 52157.3 |
| 21846.0 | 75° | 26618.5 | 31391.0 | 31819.5 | 32248.0 | 35056.3 | 37864.7 | 40462.4 | 43060.0 | 42364.1 | 43060.0 |
| 15608.6 | 77.5° | 20063.6 | 24518.9 | 25132.1 | 25745.4 | 27880.3 | 30015.2 | 31857.5 | 33700.1 | 32503.8 | 33700.1 |
| 10215.8 | 80° | 13963.9 | 17711.6 | 18473.8 | 19235.9 | 20848.3 | 22460.0 | 23427.6 | 24394.8 | 22470.5 | 24394.8 |
| 5938.3 | 82.5° | 8500.7 | 11063.3 | 11914.7 | 12766.4 | 13876.2 | 14986.0 | 15389.7 | 15792.9 | 14280.6 | 15792.9 |
| 2612.7 | 85° | 3972.7 | 5332.7 | 6056.8 | 6781.0 | 7692.9 | 8604.5 | 8833.6 | 9062.7 | 7851.3 | 9062.7 |
| 808.8 | 87.5° | 1265.9 | 1723.0 | 2127.0 | 2531.1 | 2987.0 | 3443.0 | 3462.6 | 3481.7 | 2923.1 | 3481.7 |
| 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° |
|---------|-------|---------|---------|---------|---------|---------|---------|---------|
| 9803.8 | 0° | 9803.8 | 9803.8 | 9803.8 | 9803.8 | 9803.8 | 9803.8 | 9803.8 |
| 10821.4 | 2.5° | 10804.5 | 10770.7 | 10736.8 | 10680.0 | 10623.2 | 10582.9 | 10543.1 |
| 12089.6 | 5° | 12044.1 | 11968.9 | 11893.6 | 11754.8 | 11616.4 | 11476.4 | 11336.8 |
| 13309.6 | 7.5° | 13243.0 | 13120.0 | 12997.0 | 12792.7 | 12588.5 | 12361.6 | 12134.4 |
| 14116.6 | 10° | 14051.9 | 13907.4 | 13762.2 | 13522.6 | 13282.9 | 13014.3 | 12745.7 |
| 14380.7 | 12.5° | 14345.3 | 14240.0 | 14134.6 | 13918.7 | 13702.0 | 13411.2 | 13120.0 |
| 14091.8 | 15° | 14129.4 | 14125.6 | 14121.9 | 13985.7 | 13849.9 | 13598.9 | 13347.6 |
| 13375.5 | 17.5° | 13515.0 | 13667.4 | 13819.8 | 13817.5 | 13814.9 | 13645.2 | 13475.5 |
| 12460.2 | 20° | 12705.1 | 13041.4 | 13377.7 | 13556.4 | 13735.1 | 13675.7 | 13616.6 |
| 11589.3 | 22.5° | 11895.5 | 12390.2 | 12884.9 | 13255.1 | 13625.3 | 13702.8 | 13780.3 |
| 10854.2 | 25° | 11176.2 | 11777.0 | 12377.8 | 12939.8 | 13501.9 | 13746.4 | 13990.9 |
| 10265.0 | 27.5° | 10581.8 | 11247.7 | 11913.6 | 12657.7 | 13402.2 | 13839.7 | 14276.9 |
| 9844.8 | 30° | 10138.6 | 10832.3 | 11526.1 | 12442.5 | 13358.9 | 14010.5 | 14662.5 |
| 9724.4 | 32.5° | 9955.0 | 10607.0 | 11259.0 | 12295.8 | 13332.6 | 14224.9 | 15117.7 |
| 10366.2 | 35° | 10420.0 | 10872.6 | 11325.5 | 12405.6 | 13486.1 | 14578.2 | 15670.7 |
| 12255.1 | 37.5° | 12009.1 | 12038.5 | 12067.8 | 13049.7 | 14031.6 | 15316.7 | 16601.8 |
| 15382.1 | 40° | 14784.0 | 14268.6 | 13753.2 | 14483.4 | 15213.6 | 16611.2 | 18008.8 |
| 19596.3 | 42.5° | 18508.4 | 17384.3 | 16260.2 | 16680.8 | 17101.4 | 18488.1 | 19874.7 |
| 24705.9 | 45° | 22918.2 | 21116.9 | 19316.1 | 19501.9 | 19687.4 | 20933.4 | 22179.0 |
| 30374.1 | 47.5° | 27756.9 | 25159.6 | 22561.6 | 22599.2 | 22636.8 | 23848.9 | 25060.7 |
| 36008.1 | 50° | 32553.5 | 29205.3 | 25857.1 | 25850.7 | 25844.3 | 27340.8 | 28837.7 |
| 41455.2 | 52.5° | 37180.8 | 33181.4 | 29182.0 | 29365.5 | 29548.8 | 31360.9 | 33173.5 |
| 46776.9 | 55° | 41681.3 | 37230.4 | 32779.2 | 33493.6 | 34208.0 | 35998.7 | 37789.5 |
| 51932.4 | 57.5° | 46160.7 | 41666.2 | 37171.7 | 38604.3 | 40037.3 | 41012.7 | 41987.9 |
| 58682.2 | 60° | 52502.7 | 48249.4 | 43996.0 | 45775.5 | 47554.9 | 46039.9 | 44525.3 |
| 64784.9 | 62.5° | 58905.6 | 55009.0 | 51112.6 | 51313.5 | 51514.0 | 47375.4 | 43236.9 |
| 65567.8 | 65° | 59866.8 | 54914.9 | 49963.3 | 49195.1 | 48426.6 | 44542.3 | 40658.0 |
| 61355.1 | 67.5° | 55629.7 | 50470.8 | 45311.6 | 44951.6 | 44591.2 | 40896.9 | 37202.6 |
| 55564.6 | 70° | 50637.5 | 46024.1 | 41410.4 | 41249.0 | 41088.0 | 37069.4 | 33051.2 |
| 48467.6 | 72.5° | 44777.4 | 41167.7 | 37558.1 | 37442.6 | 37326.7 | 32715.2 | 28104.1 |
| 40462.4 | 75° | 37864.7 | 35056.3 | 32248.0 | 31819.5 | 31391.0 | 26618.5 | 21846.0 |
| 31857.5 | 77.5° | 30015.2 | 27880.3 | 25745.4 | 25132.1 | 24518.9 | 20063.6 | 15608.6 |
| 23427.6 | 80° | 22460.0 | 20848.3 | 19235.9 | 18473.8 | 17711.6 | 13963.9 | 10215.8 |
| 15389.7 | 82.5° | 14986.0 | 13876.2 | 12766.4 | 11914.7 | 11063.3 | 8500.7 | 5938.3 |
| 8833.6 | 85° | 8604.5 | 7692.9 | 6781.0 | 6056.8 | 5332.7 | 3972.7 | 2612.7 |
| 3462.6 | 87.5° | 3443.0 | 2987.0 | 2531.1 | 2127.0 | 1723.0 | 1265.9 | 808.8 |
| 0.0 | 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

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