

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: P956789

Luminaire Tested: **GALN-SB9B-830-U-SLL**

Issue Date: 1/21/2025

Test Information

Test Method: LM-79-08
Report Number: P956789
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2411-289-8)
Test Lab: INNOVATION CENTER
Issue Date: 1/21/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SB9B-830-U-SLL
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(9) 80 CRI, 3000K, 450mA LIGHTSQUARES WITH 26 LEDS EACH AND SPILL LIGHT
ELIMINATOR LEFT OPTICS
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 45921 lumens
Efficiency: N/A
Efficacy: 139.4 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

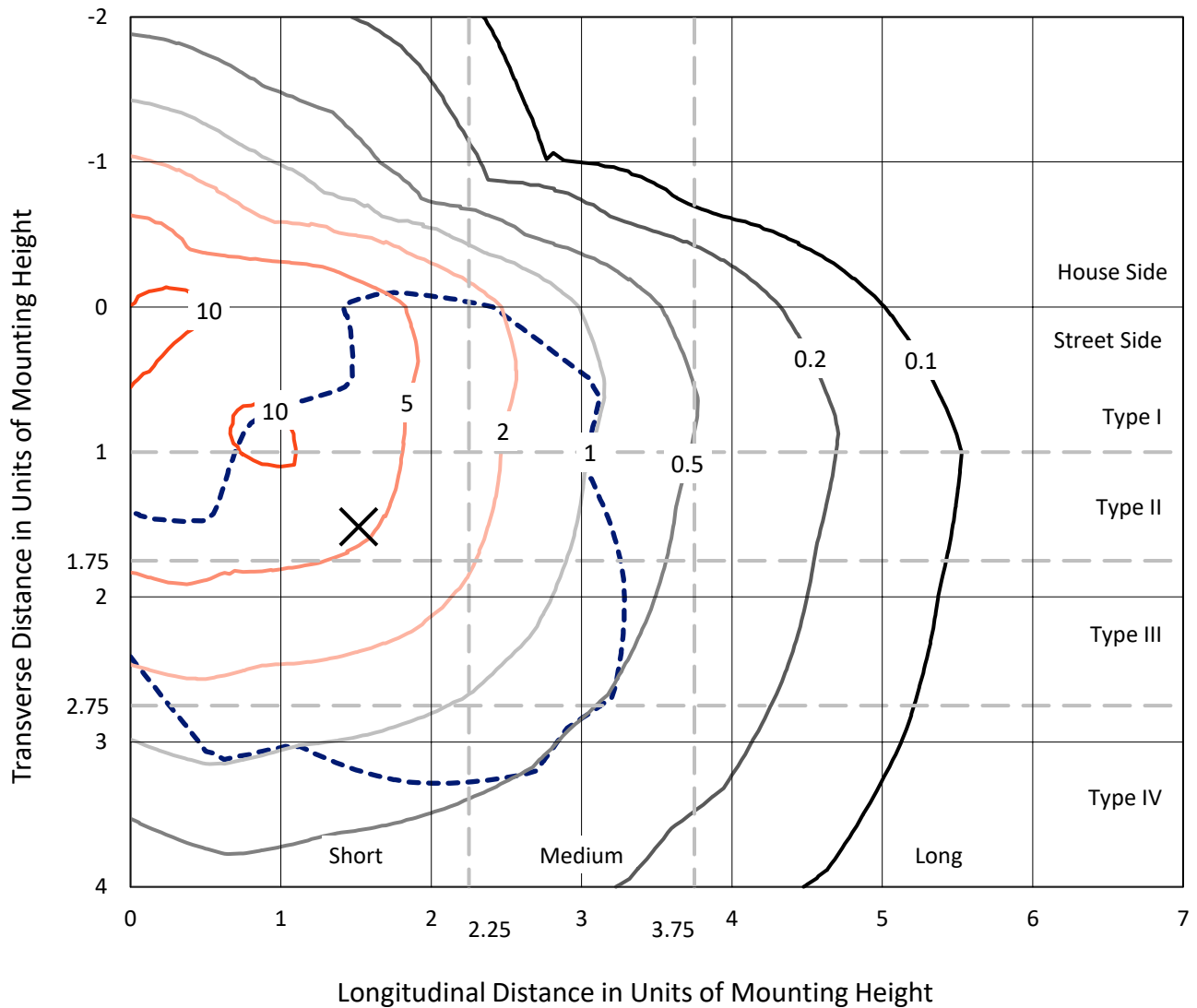
Input Watts (W): 329.5
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



REPORT NUMBER: P956789
 CATALOG NUMBER: GALN-SB9B-830-U-SLL

Iso-Footcandle Lines of Horizontal Illumination

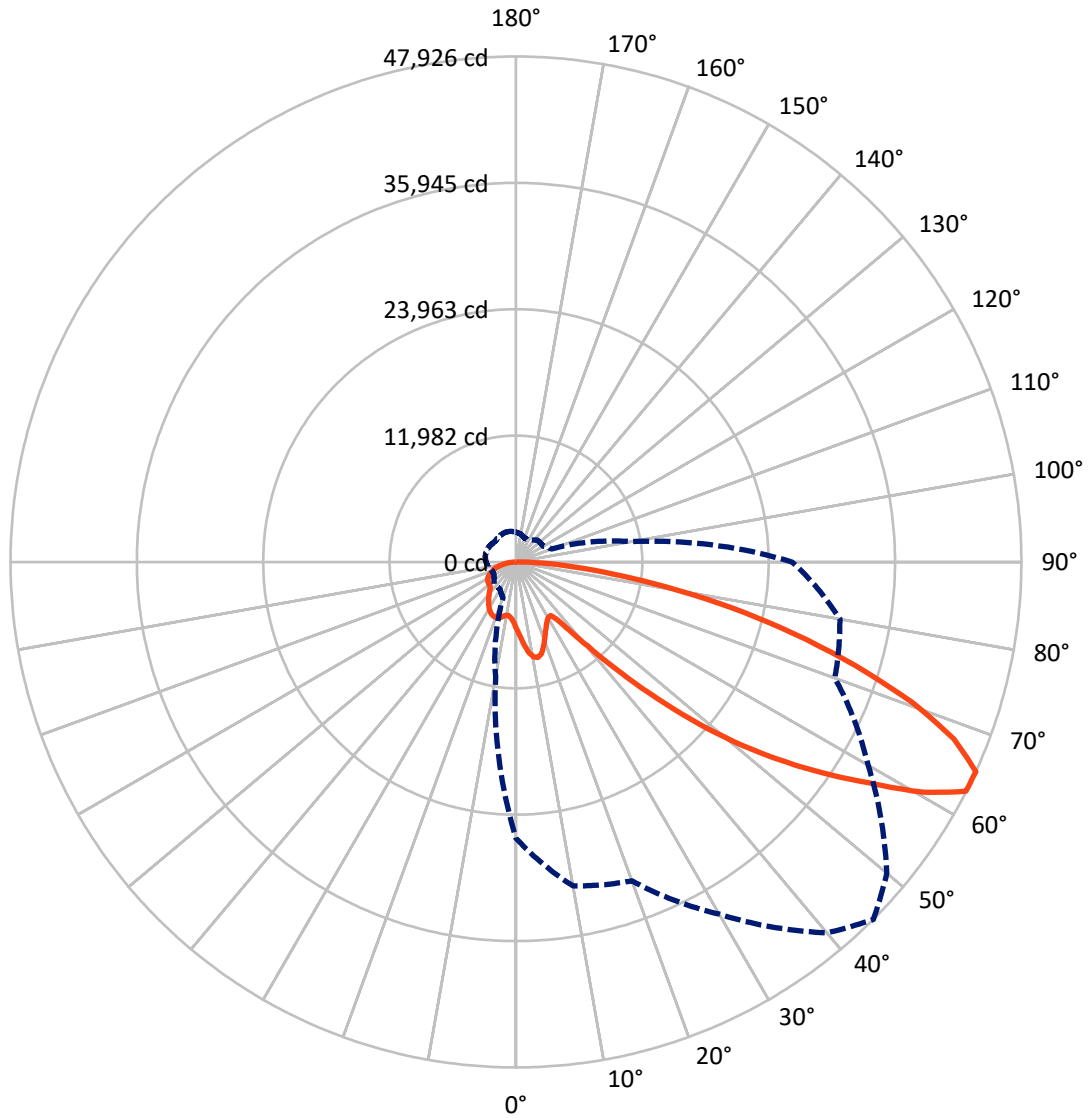
✕ Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 14 fc
 Type IV - Short - N/A

REPORT NUMBER: P956789
CATALOG NUMBER: GALN-SB9B-830-U-SLL

Luminous Intensity Polar Plot



— Vertical Plane Through 45-Deg Lateral - - - Horizontal Cone Through 65-Deg Vertical

REPORT NUMBER: P956789

CATALOG NUMBER: GALN-SB9B-830-U-SLL

FLUX DISTRIBUTION:

| | | Downward | Upward | Total |
|--------------------|-----------|----------|--------|---------|
| House Side | Lumens | 11670.8 | 0.0 | 11670.8 |
| | % Fixture | 25.4 | 0.0 | 25.4 |
| Street Side | Lumens | 34250.2 | 0.0 | 34250.2 |
| | % Fixture | 74.6 | 0.0 | 74.6 |
| Total | Lumens | 45921.0 | 0.0 | 45921.0 |
| | % Fixture | 100.0 | 0.0 | 100.0 |

Coefficient of Utilization

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|---------|-----------|
| 0°-10° | 626.4 | 1.4 |
| 10°-20° | 1966.4 | 4.3 |
| 20°-30° | 3037.4 | 6.6 |
| 30°-40° | 3849.1 | 8.4 |
| 40°-50° | 5805.5 | 12.6 |
| 50°-60° | 9379.6 | 20.4 |
| 60°-70° | 11693.2 | 25.5 |
| 70°-80° | 7667.8 | 16.7 |
| 80°-90° | 1895.7 | 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° | 45921.0 | 100.0 |
| 0°-180° | 45921.0 | 100.0 |



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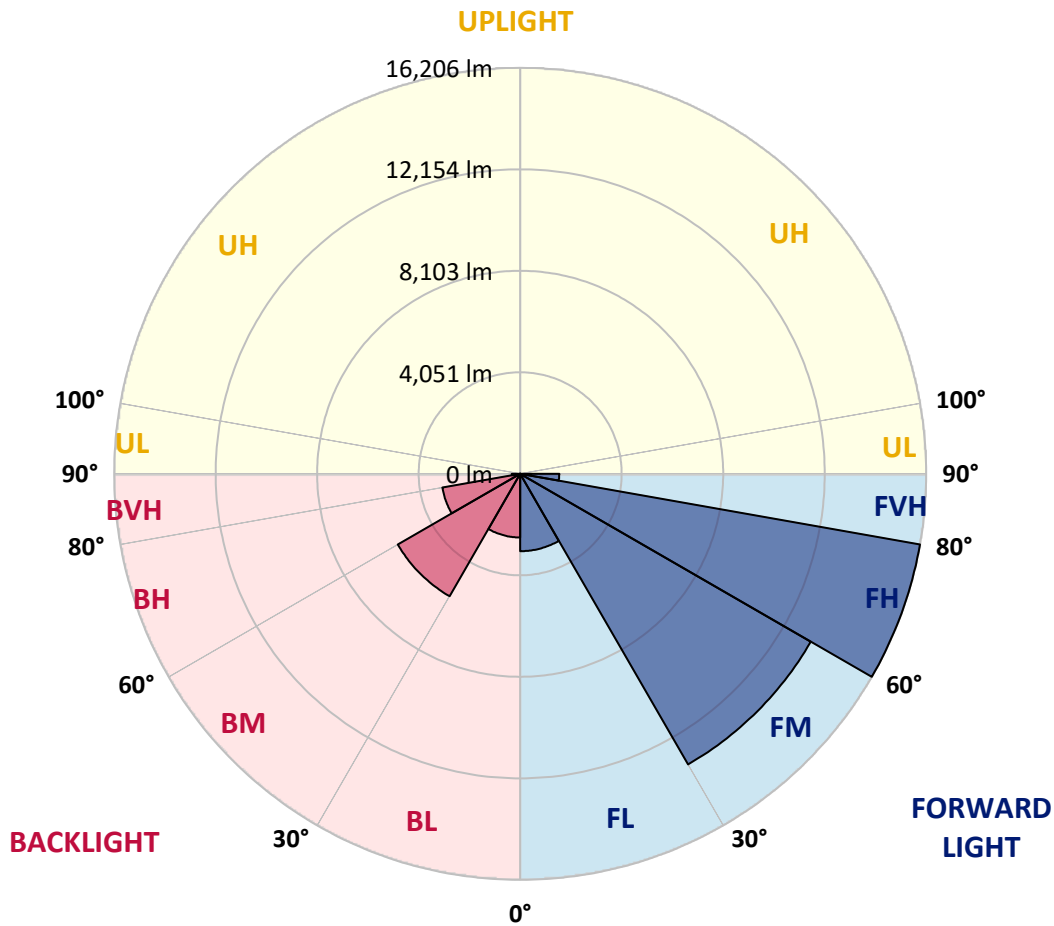
CATALOG NUMBER: GALN-SB9B-830-U-SLL

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

| Zone | Lumens | % Fixture | Zone Rating/Lumen Limit | | |
|----------------|---------|-----------|-------------------------|------|---------|
| | | | B | U | G |
| FL (0°-30°) | 3088.7 | 6.7 | | | |
| FM (30°-60°) | 13394.2 | 29.2 | | | |
| FH (60°-80°) | 16205.7 | 35.3 | | | G5 |
| FVH (80°-90°) | 1561.6 | 3.4 | | | G5 |
| BL (0°-30°) | 2541.5 | 5.5 | B4/5000 | | |
| BM (30°-60°) | 5640.0 | 12.3 | B4/8500 | | |
| BH (60°-80°) | 3155.2 | 6.9 | B4/5000 | | G4/5000 |
| BVH (80°-90°) | 334.1 | 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: P956789
 CATALOG NUMBER: GALN-SB9B-830-U-SLL

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° |
|-------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0° | 6314.5 | 6314.5 | 6314.5 | 6314.5 | 6314.5 | 6314.5 | 6314.5 | 6314.5 | 6314.5 | 6314.5 |
| 2.5° | 6790.7 | 6816.4 | 6842.3 | 6878.9 | 6915.5 | 6937.3 | 6959.1 | 6970.0 | 6980.9 | 6976.0 |
| 5° | 7301.9 | 7391.8 | 7482.0 | 7571.1 | 7660.6 | 7709.0 | 7757.5 | 7786.8 | 7816.4 | 7838.6 |
| 7.5° | 7815.6 | 7962.0 | 8108.1 | 8239.7 | 8371.2 | 8450.5 | 8529.7 | 8572.6 | 8615.2 | 8635.8 |
| 10° | 8209.4 | 8382.4 | 8555.4 | 8709.7 | 8864.1 | 8957.6 | 9050.7 | 9092.3 | 9133.8 | 9149.5 |
| 12.5° | 8450.5 | 8638.0 | 8825.3 | 8964.9 | 9104.0 | 9171.8 | 9239.7 | 9262.4 | 9285.2 | 9287.6 |
| 15° | 8597.1 | 8758.9 | 8920.5 | 9008.0 | 9095.7 | 9098.2 | 9100.6 | 9076.4 | 9052.1 | 9023.5 |
| 17.5° | 8679.5 | 8788.7 | 8898.0 | 8899.7 | 8901.2 | 8803.0 | 8704.9 | 8615.0 | 8524.9 | 8461.4 |
| 20° | 8770.3 | 8808.4 | 8846.6 | 8731.6 | 8616.5 | 8399.8 | 8183.2 | 8025.5 | 7867.7 | 7770.8 |
| 22.5° | 8875.7 | 8825.8 | 8775.9 | 8537.5 | 8299.0 | 7980.4 | 7661.8 | 7464.5 | 7267.3 | 7160.2 |
| 25° | 9011.4 | 8853.9 | 8696.4 | 8334.4 | 7972.4 | 7585.4 | 7198.5 | 6991.1 | 6784.1 | 6682.8 |
| 27.5° | 9195.6 | 8914.0 | 8632.2 | 8152.7 | 7673.4 | 7244.5 | 6815.6 | 6611.6 | 6407.8 | 6312.1 |
| 30° | 9443.9 | 9024.0 | 8604.3 | 8014.1 | 7423.8 | 6977.0 | 6530.2 | 6340.9 | 6151.7 | 6062.5 |
| 32.5° | 9737.1 | 9162.1 | 8587.4 | 7919.6 | 7251.8 | 6831.9 | 6411.9 | 6263.4 | 6114.6 | 6050.4 |
| 35° | 10093.3 | 9389.7 | 8686.2 | 7990.3 | 7294.7 | 7002.9 | 6711.4 | 6676.8 | 6642.1 | 6636.8 |
| 37.5° | 10693.0 | 9865.3 | 9037.6 | 8405.2 | 7772.7 | 7753.8 | 7734.9 | 7893.4 | 8051.9 | 8134.3 |
| 40° | 11599.3 | 10699.1 | 9798.9 | 9328.6 | 8858.3 | 9190.2 | 9522.2 | 9907.5 | 10292.7 | 10484.6 |
| 42.5° | 12801.1 | 11908.0 | 11014.8 | 10743.9 | 10473.0 | 11197.0 | 11921.0 | 12621.8 | 13322.5 | 13734.0 |
| 45° | 14285.2 | 13483.0 | 12680.4 | 12561.0 | 12441.3 | 13601.2 | 14761.4 | 15912.8 | 17064.5 | 17763.6 |
| 47.5° | 16141.3 | 15360.8 | 14580.1 | 14555.9 | 14531.7 | 16205.0 | 17877.9 | 19563.7 | 21249.2 | 22239.0 |
| 50° | 18574.1 | 17609.9 | 16646.0 | 16650.2 | 16654.3 | 18810.8 | 20967.4 | 23192.5 | 25417.6 | 26762.9 |
| 52.5° | 21366.7 | 20199.2 | 19032.0 | 18914.0 | 18795.8 | 21371.8 | 23947.7 | 26700.8 | 29453.7 | 31066.2 |
| 55° | 24339.8 | 23186.4 | 22033.0 | 21572.9 | 21112.7 | 23979.7 | 26846.5 | 30128.5 | 33410.6 | 35328.4 |
| 57.5° | 27043.9 | 26415.9 | 25787.6 | 24864.6 | 23941.9 | 26836.8 | 29731.6 | 33449.1 | 37166.3 | 39544.6 |
| 60° | 28678.3 | 29653.8 | 30629.6 | 29483.5 | 28337.4 | 31076.9 | 33816.4 | 37796.6 | 41776.7 | 44347.1 |
| 62.5° | 27848.4 | 30514.0 | 33179.6 | 33050.5 | 32921.1 | 35430.7 | 37940.5 | 41727.3 | 45513.8 | 47889.7 |
| 65° | 26187.4 | 28689.2 | 31191.0 | 31686.1 | 32180.9 | 35370.1 | 38559.6 | 42231.5 | 45903.2 | 47926.0 |
| 67.5° | 23961.8 | 26341.2 | 28720.7 | 28952.8 | 29184.7 | 32507.7 | 35830.5 | 39518.2 | 43205.8 | 44790.5 |
| 70° | 21287.9 | 23876.0 | 26464.3 | 26568.0 | 26672.0 | 29643.7 | 32615.1 | 35788.6 | 38961.8 | 39842.6 |
| 72.5° | 18101.6 | 21071.5 | 24041.7 | 24116.4 | 24190.8 | 26515.7 | 28840.6 | 31217.4 | 33594.0 | 33683.2 |
| 75° | 14070.8 | 17144.7 | 20218.6 | 20494.6 | 20770.6 | 22579.4 | 24388.2 | 26061.4 | 27734.5 | 27286.2 |
| 77.5° | 10053.3 | 12922.7 | 15792.4 | 16187.4 | 16582.3 | 17957.4 | 19332.5 | 20519.1 | 21705.9 | 20935.4 |
| 80° | 6579.9 | 8994.0 | 11407.8 | 11898.8 | 12389.7 | 13428.2 | 14466.2 | 15089.5 | 15712.4 | 14473.0 |
| 82.5° | 3824.8 | 5475.2 | 7125.8 | 7674.1 | 8222.7 | 8937.5 | 9652.3 | 9912.3 | 10172.1 | 9198.0 |
| 85° | 1682.8 | 2558.8 | 3434.7 | 3901.2 | 4367.6 | 4954.9 | 5542.1 | 5689.6 | 5837.2 | 5057.0 |
| 87.5° | 521.0 | 815.4 | 1109.8 | 1370.0 | 1630.2 | 1923.9 | 2217.6 | 2230.2 | 2242.6 | 1882.7 |
| 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° |
|---------|-------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 6314.5 | 0° | 6314.5 | 6314.5 | 6314.5 | 6314.5 | 6314.5 | 6314.5 | 6314.5 | 6314.5 | 6314.5 | 6314.5 |
| 6980.9 | 2.5° | 6970.0 | 6959.1 | 6937.3 | 6915.5 | 6878.9 | 6842.3 | 6816.4 | 6790.7 | 6738.6 | 6686.5 |
| 7816.4 | 5° | 7786.8 | 7757.5 | 7709.0 | 7660.6 | 7571.1 | 7482.0 | 7391.8 | 7301.9 | 7186.8 | 7071.7 |
| 8615.2 | 7.5° | 8572.6 | 8529.7 | 8450.5 | 8371.2 | 8239.7 | 8108.1 | 7962.0 | 7815.6 | 7625.7 | 7435.9 |
| 9133.8 | 10° | 9092.3 | 9050.7 | 8957.6 | 8864.1 | 8709.7 | 8555.4 | 8382.4 | 8209.4 | 7969.3 | 7729.1 |
| 9285.2 | 12.5° | 9262.4 | 9239.7 | 9171.8 | 9104.0 | 8964.9 | 8825.3 | 8638.0 | 8450.5 | 8186.6 | 7923.0 |
| 9052.1 | 15° | 9076.4 | 9100.6 | 9098.2 | 9095.7 | 9008.0 | 8920.5 | 8758.9 | 8597.1 | 8322.1 | 8047.0 |
| 8524.9 | 17.5° | 8615.0 | 8704.9 | 8803.0 | 8901.2 | 8899.7 | 8898.0 | 8788.7 | 8679.5 | 8400.6 | 8121.7 |
| 7867.7 | 20° | 8025.5 | 8183.2 | 8399.8 | 8616.5 | 8731.6 | 8846.6 | 8808.4 | 8770.3 | 8480.5 | 8190.5 |
| 7267.3 | 22.5° | 7464.5 | 7661.8 | 7980.4 | 8299.0 | 8537.5 | 8775.9 | 8825.8 | 8875.7 | 8579.6 | 8283.3 |
| 6784.1 | 25° | 6991.1 | 7198.5 | 7585.4 | 7972.4 | 8334.4 | 8696.4 | 8853.9 | 9011.4 | 8721.1 | 8431.1 |
| 6407.8 | 27.5° | 6611.6 | 6815.6 | 7244.5 | 7673.4 | 8152.7 | 8632.2 | 8914.0 | 9195.6 | 8918.9 | 8641.9 |
| 6151.7 | 30° | 6340.9 | 6530.2 | 6977.0 | 7423.8 | 8014.1 | 8604.3 | 9024.0 | 9443.9 | 9176.4 | 8909.2 |
| 6114.6 | 32.5° | 6263.4 | 6411.9 | 6831.9 | 7251.8 | 7919.6 | 8587.4 | 9162.1 | 9737.1 | 9472.3 | 9207.7 |
| 6642.1 | 35° | 6676.8 | 6711.4 | 7002.9 | 7294.7 | 7990.3 | 8686.2 | 9389.7 | 10093.3 | 9839.9 | 9586.2 |
| 8051.9 | 37.5° | 7893.4 | 7734.9 | 7753.8 | 7772.7 | 8405.2 | 9037.6 | 9865.3 | 10693.0 | 10369.8 | 10046.6 |
| 10292.7 | 40° | 9907.5 | 9522.2 | 9190.2 | 8858.3 | 9328.6 | 9798.9 | 10699.1 | 11599.3 | 11128.2 | 10657.2 |
| 13322.5 | 42.5° | 12621.8 | 11921.0 | 11197.0 | 10473.0 | 10743.9 | 11014.8 | 11908.0 | 12801.1 | 12121.2 | 11441.3 |
| 17064.5 | 45° | 15912.8 | 14761.4 | 13601.2 | 12441.3 | 12561.0 | 12680.4 | 13483.0 | 14285.2 | 13368.1 | 12451.0 |
| 21249.2 | 47.5° | 19563.7 | 17877.9 | 16205.0 | 14531.7 | 14555.9 | 14580.1 | 15360.8 | 16141.3 | 14850.5 | 13559.5 |
| 25417.6 | 50° | 23192.5 | 20967.4 | 18810.8 | 16654.3 | 16650.2 | 16646.0 | 17609.9 | 18574.1 | 16628.1 | 14681.9 |
| 29453.7 | 52.5° | 26700.8 | 23947.7 | 21371.8 | 18795.8 | 18914.0 | 19032.0 | 20199.2 | 21366.7 | 18495.3 | 15624.0 |
| 33410.6 | 55° | 30128.5 | 26846.5 | 23979.7 | 21112.7 | 21572.9 | 22033.0 | 23186.4 | 24339.8 | 20150.8 | 15962.0 |
| 37166.3 | 57.5° | 33449.1 | 29731.6 | 26836.8 | 23941.9 | 24864.6 | 25787.6 | 26415.9 | 27043.9 | 21324.0 | 15604.1 |
| 41776.7 | 60° | 37796.6 | 33816.4 | 31076.9 | 28337.4 | 29483.5 | 30629.6 | 29653.8 | 28678.3 | 21617.2 | 14555.9 |
| 45513.8 | 62.5° | 41727.3 | 37940.5 | 35430.7 | 32921.1 | 33050.5 | 33179.6 | 30514.0 | 27848.4 | 20382.7 | 12916.9 |
| 45903.2 | 65° | 42231.5 | 38559.6 | 35370.1 | 32180.9 | 31686.1 | 31191.0 | 28689.2 | 26187.4 | 18635.9 | 11084.4 |
| 43205.8 | 67.5° | 39518.2 | 35830.5 | 32507.7 | 29184.7 | 28952.8 | 28720.7 | 26341.2 | 23961.8 | 16557.1 | 9152.4 |
| 38961.8 | 70° | 35788.6 | 32615.1 | 29643.7 | 26672.0 | 26568.0 | 26464.3 | 23876.0 | 21287.9 | 14288.9 | 7289.8 |
| 33594.0 | 72.5° | 31217.4 | 28840.6 | 26515.7 | 24190.8 | 24116.4 | 24041.7 | 21071.5 | 18101.6 | 11829.9 | 5558.5 |
| 27734.5 | 75° | 26061.4 | 24388.2 | 22579.4 | 20770.6 | 20494.6 | 20218.6 | 17144.7 | 14070.8 | 9011.2 | 3951.6 |
| 21705.9 | 77.5° | 20519.1 | 19332.5 | 17957.4 | 16582.3 | 16187.4 | 15792.4 | 12922.7 | 10053.3 | 6307.0 | 2560.7 |
| 15712.4 | 80° | 15089.5 | 14466.2 | 13428.2 | 12389.7 | 11898.8 | 11407.8 | 8994.0 | 6579.9 | 4063.5 | 1547.1 |
| 10172.1 | 82.5° | 9912.3 | 9652.3 | 8937.5 | 8222.7 | 7674.1 | 7125.8 | 5475.2 | 3824.8 | 2351.8 | 879.1 |
| 5837.2 | 85° | 5689.6 | 5542.1 | 4954.9 | 4367.6 | 3901.2 | 3434.7 | 2558.8 | 1682.8 | 1057.9 | 433.2 |
| 2242.6 | 87.5° | 2230.2 | 2217.6 | 1923.9 | 1630.2 | 1370.0 | 1109.8 | 815.4 | 521.0 | 346.5 | 172.0 |
| 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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 CATALOG NUMBER: GALN-SB9B-830-U-SLL

CANDELA DISTRIBUTION (continued):

| 105° | | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° |
|---------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 6314.5 | 0° | 6314.5 | 6314.5 | 6314.5 | 6314.5 | 6314.5 | 6314.5 | 6314.5 | 6314.5 | 6314.5 | 6314.5 |
| 6631.0 | 2.5° | 6575.7 | 6520.0 | 6464.3 | 6411.0 | 6357.7 | 6306.1 | 6248.6 | 6202.1 | 6155.8 | 6113.9 |
| 6956.9 | 5° | 6842.3 | 6726.7 | 6611.4 | 6503.5 | 6395.7 | 6293.9 | 6193.4 | 6105.7 | 6017.7 | 5944.0 |
| 7260.5 | 7.5° | 7085.1 | 6914.2 | 6743.4 | 6592.9 | 6442.5 | 6303.6 | 6173.5 | 6056.7 | 5940.2 | 5843.2 |
| 7497.2 | 10° | 7265.6 | 7058.2 | 6850.5 | 6672.7 | 6494.3 | 6323.0 | 6183.2 | 6060.1 | 5937.0 | 5840.1 |
| 7660.3 | 12.5° | 7397.6 | 7152.9 | 6908.2 | 6706.8 | 6505.5 | 6325.4 | 6195.3 | 6094.5 | 5994.2 | 5929.7 |
| 7762.1 | 15° | 7477.1 | 7195.3 | 6913.5 | 6680.4 | 6447.3 | 6247.9 | 6143.7 | 6095.5 | 6047.5 | 6056.2 |
| 7810.8 | 17.5° | 7499.9 | 7172.8 | 6845.7 | 6565.3 | 6285.0 | 6050.4 | 5986.2 | 6003.9 | 6021.3 | 6127.0 |
| 7848.8 | 20° | 7507.2 | 7110.8 | 6714.3 | 6366.9 | 6019.4 | 5746.3 | 5729.4 | 5811.7 | 5894.1 | 6077.6 |
| 7900.2 | 22.5° | 7516.9 | 7034.7 | 6552.5 | 6134.0 | 5715.5 | 5404.7 | 5437.9 | 5559.7 | 5681.6 | 5891.0 |
| 7993.2 | 25° | 7555.1 | 6959.6 | 6364.2 | 5874.0 | 5384.1 | 5065.4 | 5155.1 | 5295.6 | 5436.2 | 5624.4 |
| 8138.6 | 27.5° | 7635.1 | 6909.4 | 6183.7 | 5636.3 | 5088.9 | 4798.9 | 4907.9 | 5043.6 | 5179.3 | 5334.2 |
| 8326.9 | 30° | 7744.6 | 6885.9 | 6026.7 | 5437.6 | 4848.6 | 4605.1 | 4690.6 | 4798.2 | 4906.2 | 5034.7 |
| 8523.4 | 32.5° | 7839.1 | 6856.8 | 5874.0 | 5266.3 | 4658.4 | 4462.1 | 4500.1 | 4563.9 | 4627.6 | 4730.1 |
| 8747.3 | 35° | 7908.4 | 6802.1 | 5696.2 | 5097.9 | 4499.6 | 4336.1 | 4320.3 | 4337.8 | 4355.5 | 4433.7 |
| 8998.1 | 37.5° | 7949.6 | 6708.3 | 5466.9 | 4899.7 | 4332.5 | 4189.5 | 4131.8 | 4112.4 | 4093.1 | 4149.3 |
| 9316.5 | 40° | 7975.6 | 6579.1 | 5183.0 | 4663.2 | 4143.5 | 4013.8 | 3925.4 | 3881.5 | 3837.7 | 3878.1 |
| 9733.0 | 42.5° | 8024.7 | 6445.9 | 4867.5 | 4402.2 | 3937.0 | 3817.6 | 3706.1 | 3647.9 | 3589.8 | 3622.7 |
| 10281.1 | 45° | 8111.2 | 6322.0 | 4533.1 | 4125.0 | 3717.0 | 3595.8 | 3488.0 | 3431.3 | 3374.9 | 3402.5 |
| 10865.1 | 47.5° | 8170.6 | 6219.8 | 4269.0 | 3905.8 | 3542.5 | 3386.2 | 3293.4 | 3246.0 | 3198.5 | 3224.6 |
| 11406.9 | 50° | 8131.8 | 6108.3 | 4084.8 | 3760.1 | 3435.4 | 3230.0 | 3122.1 | 3080.0 | 3038.1 | 3078.8 |
| 11758.7 | 52.5° | 7893.2 | 5920.1 | 3947.2 | 3664.2 | 3381.4 | 3145.2 | 2994.4 | 2952.8 | 2911.3 | 2972.6 |
| 11681.2 | 55° | 7400.1 | 5608.0 | 3815.9 | 3594.6 | 3373.4 | 3153.6 | 2926.6 | 2860.7 | 2795.0 | 2882.0 |
| 11135.5 | 57.5° | 6667.1 | 5167.9 | 3668.5 | 3512.2 | 3356.0 | 3162.1 | 2885.9 | 2789.9 | 2694.0 | 2787.5 |
| 10120.0 | 60° | 5684.0 | 4596.6 | 3509.1 | 3386.2 | 3263.4 | 3135.5 | 2847.6 | 2723.3 | 2598.7 | 2680.9 |
| 8746.8 | 62.5° | 4576.7 | 3912.8 | 3248.9 | 3167.2 | 3085.8 | 3070.0 | 2803.0 | 2647.5 | 2492.1 | 2544.2 |
| 7345.8 | 65° | 3607.5 | 3297.6 | 2987.7 | 2949.1 | 2910.6 | 2912.5 | 2709.0 | 2543.7 | 2378.2 | 2398.4 |
| 5973.4 | 67.5° | 2794.3 | 2706.3 | 2618.1 | 2639.7 | 2661.0 | 2655.7 | 2541.3 | 2403.7 | 2266.1 | 2259.8 |
| 4703.2 | 70° | 2116.6 | 2141.8 | 2166.7 | 2266.5 | 2366.1 | 2366.1 | 2328.6 | 2230.7 | 2132.8 | 2111.0 |
| 3595.6 | 72.5° | 1632.7 | 1708.5 | 1784.6 | 1926.1 | 2067.4 | 2091.1 | 2091.6 | 2024.5 | 1957.4 | 1925.4 |
| 2609.7 | 75° | 1267.8 | 1336.6 | 1405.4 | 1563.9 | 1722.3 | 1831.8 | 1822.6 | 1771.0 | 1719.2 | 1688.6 |
| 1768.4 | 77.5° | 976.0 | 1022.8 | 1069.8 | 1223.7 | 1377.5 | 1558.0 | 1553.2 | 1511.8 | 1470.3 | 1439.3 |
| 1139.3 | 80° | 731.8 | 751.2 | 770.5 | 900.9 | 1031.0 | 1246.7 | 1245.9 | 1211.3 | 1176.4 | 1150.5 |
| 700.8 | 82.5° | 522.9 | 526.3 | 530.2 | 626.1 | 722.1 | 906.2 | 916.4 | 899.4 | 882.5 | 864.1 |
| 374.6 | 85° | 316.2 | 314.5 | 312.6 | 382.8 | 453.1 | 590.0 | 603.3 | 585.2 | 567.0 | 546.4 |
| 155.3 | 87.5° | 138.6 | 136.9 | 135.2 | 163.8 | 192.6 | 249.6 | 266.5 | 259.3 | 252.0 | 248.1 |
| 0.0 | 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

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 CATALOG NUMBER: GALN-SB9B-830-U-SLL

CANDELA DISTRIBUTION (continued):

| 160° | | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° |
|--------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 6314.5 | 0° | 6314.5 | 6314.5 | 6314.5 | 6314.5 | 6314.5 | 6314.5 | 6314.5 | 6314.5 | 6314.5 | 6314.5 |
| 6072.2 | 2.5° | 6035.6 | 5999.0 | 5962.2 | 5925.6 | 5897.3 | 5868.7 | 5845.7 | 5822.6 | 5804.7 | 5786.8 |
| 5870.6 | 5° | 5805.7 | 5740.7 | 5681.9 | 5622.7 | 5577.4 | 5531.9 | 5500.1 | 5468.4 | 5445.9 | 5423.3 |
| 5746.3 | 7.5° | 5664.7 | 5582.8 | 5510.6 | 5438.6 | 5384.6 | 5330.8 | 5293.0 | 5255.2 | 5229.2 | 5203.6 |
| 5743.2 | 10° | 5655.2 | 5567.0 | 5485.8 | 5404.7 | 5340.2 | 5275.5 | 5233.4 | 5190.7 | 5166.2 | 5141.8 |
| 5865.8 | 12.5° | 5796.5 | 5727.7 | 5643.6 | 5559.7 | 5477.4 | 5395.0 | 5340.5 | 5285.9 | 5258.6 | 5231.4 |
| 6065.0 | 15° | 6047.0 | 6029.1 | 5956.2 | 5883.2 | 5765.9 | 5648.7 | 5565.8 | 5482.9 | 5444.9 | 5407.1 |
| 6232.6 | 17.5° | 6288.8 | 6344.8 | 6285.9 | 6227.3 | 6072.0 | 5916.7 | 5794.5 | 5672.4 | 5616.2 | 5559.7 |
| 6261.2 | 20° | 6378.7 | 6496.3 | 6469.1 | 6441.7 | 6264.1 | 6086.8 | 5937.0 | 5787.5 | 5715.5 | 5643.3 |
| 6100.8 | 22.5° | 6253.7 | 6406.6 | 6423.1 | 6439.3 | 6269.7 | 6100.1 | 5946.0 | 5791.6 | 5715.8 | 5639.7 |
| 5813.0 | 25° | 5963.4 | 6113.9 | 6170.1 | 6226.1 | 6087.0 | 5948.2 | 5811.0 | 5674.4 | 5608.4 | 5542.8 |
| 5488.7 | 27.5° | 5609.4 | 5730.1 | 5792.6 | 5855.4 | 5756.3 | 5657.4 | 5551.0 | 5444.6 | 5400.5 | 5356.2 |
| 5163.1 | 30° | 5263.2 | 5363.5 | 5414.4 | 5465.2 | 5389.9 | 5314.3 | 5238.2 | 5161.6 | 5139.1 | 5116.3 |
| 4832.8 | 32.5° | 4928.8 | 5025.0 | 5081.4 | 5138.1 | 5068.8 | 4999.3 | 4938.5 | 4877.6 | 4862.9 | 4848.1 |
| 4511.8 | 35° | 4606.7 | 4702.0 | 4769.8 | 4837.7 | 4788.2 | 4739.0 | 4682.8 | 4626.9 | 4604.3 | 4582.0 |
| 4205.2 | 37.5° | 4300.0 | 4395.0 | 4478.8 | 4562.6 | 4539.9 | 4517.1 | 4465.5 | 4413.6 | 4372.7 | 4332.0 |
| 3918.6 | 40° | 4010.2 | 4101.8 | 4198.2 | 4294.9 | 4300.5 | 4305.8 | 4261.9 | 4218.1 | 4158.5 | 4099.4 |
| 3655.9 | 42.5° | 3742.7 | 3829.7 | 3933.9 | 4038.1 | 4065.9 | 4093.8 | 4056.7 | 4019.9 | 3946.0 | 3872.1 |
| 3430.6 | 45° | 3513.0 | 3595.4 | 3703.4 | 3811.5 | 3851.5 | 3891.5 | 3858.0 | 3824.8 | 3740.3 | 3655.9 |
| 3250.6 | 47.5° | 3331.2 | 3411.7 | 3518.3 | 3624.9 | 3671.0 | 3717.0 | 3693.7 | 3670.5 | 3595.4 | 3520.2 |
| 3119.7 | 50° | 3195.8 | 3271.6 | 3367.1 | 3462.6 | 3521.7 | 3580.8 | 3579.4 | 3578.4 | 3518.3 | 3458.2 |
| 3033.7 | 52.5° | 3103.5 | 3173.0 | 3261.9 | 3351.1 | 3421.1 | 3491.2 | 3503.8 | 3516.4 | 3467.4 | 3418.5 |
| 2968.8 | 55° | 3043.9 | 3119.0 | 3197.0 | 3274.8 | 3348.9 | 3423.3 | 3440.8 | 3458.2 | 3415.6 | 3372.9 |
| 2881.0 | 57.5° | 2969.2 | 3057.4 | 3134.5 | 3211.8 | 3286.7 | 3361.3 | 3379.0 | 3396.7 | 3353.5 | 3310.4 |
| 2762.8 | 60° | 2864.1 | 2965.4 | 3043.6 | 3122.1 | 3197.2 | 3272.4 | 3291.7 | 3311.1 | 3269.0 | 3227.1 |
| 2596.3 | 62.5° | 2714.3 | 2832.6 | 2916.2 | 2999.8 | 3068.6 | 3137.4 | 3156.1 | 3174.7 | 3136.7 | 3098.6 |
| 2418.2 | 65° | 2544.7 | 2671.4 | 2751.4 | 2831.4 | 2891.9 | 2952.5 | 2971.7 | 2990.6 | 2954.0 | 2917.4 |
| 2253.5 | 67.5° | 2370.3 | 2487.3 | 2563.1 | 2638.7 | 2691.1 | 2743.4 | 2762.1 | 2780.5 | 2746.8 | 2713.4 |
| 2089.2 | 70° | 2191.9 | 2294.7 | 2360.1 | 2425.5 | 2472.7 | 2520.0 | 2537.9 | 2555.9 | 2528.5 | 2501.1 |
| 1893.6 | 72.5° | 1974.6 | 2055.3 | 2114.4 | 2173.5 | 2219.8 | 2266.1 | 2287.4 | 2308.7 | 2285.9 | 2263.2 |
| 1657.9 | 75° | 1718.0 | 1778.1 | 1831.6 | 1885.2 | 1927.3 | 1969.5 | 1991.8 | 2014.1 | 2002.9 | 1991.8 |
| 1408.3 | 77.5° | 1457.2 | 1505.9 | 1552.0 | 1598.0 | 1642.4 | 1686.5 | 1707.3 | 1728.1 | 1712.6 | 1696.6 |
| 1124.3 | 80° | 1165.0 | 1205.5 | 1244.2 | 1283.0 | 1316.7 | 1350.1 | 1377.8 | 1405.4 | 1398.6 | 1392.1 |
| 845.7 | 82.5° | 842.3 | 838.9 | 825.3 | 811.7 | 883.5 | 955.2 | 1002.2 | 1049.2 | 1046.3 | 1043.1 |
| 525.8 | 85° | 508.4 | 490.7 | 453.1 | 415.6 | 482.7 | 550.0 | 608.2 | 666.3 | 661.5 | 656.7 |
| 244.2 | 87.5° | 243.5 | 242.8 | 214.2 | 185.4 | 213.5 | 241.8 | 265.3 | 288.8 | 283.0 | 276.7 |
| 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° |
|--------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 6314.5 | 0° | 6314.5 | 6314.5 | 6314.5 | 6314.5 | 6314.5 | 6314.5 | 6314.5 | 6314.5 | 6314.5 | 6314.5 |
| 5770.3 | 2.5° | 5753.6 | 5733.0 | 5753.6 | 5770.3 | 5786.8 | 5804.7 | 5822.6 | 5845.7 | 5868.7 | 5897.3 |
| 5406.1 | 5° | 5388.9 | 5372.0 | 5388.9 | 5406.1 | 5423.3 | 5445.9 | 5468.4 | 5500.1 | 5531.9 | 5577.4 |
| 5188.0 | 7.5° | 5172.8 | 5161.1 | 5172.8 | 5188.0 | 5203.6 | 5229.2 | 5255.2 | 5293.0 | 5330.8 | 5384.6 |
| 5128.7 | 10° | 5115.6 | 5110.3 | 5115.6 | 5128.7 | 5141.8 | 5166.2 | 5190.7 | 5233.4 | 5275.5 | 5340.2 |
| 5220.3 | 12.5° | 5209.1 | 5207.2 | 5209.1 | 5220.3 | 5231.4 | 5258.6 | 5285.9 | 5340.5 | 5395.0 | 5477.4 |
| 5392.6 | 15° | 5378.0 | 5376.8 | 5378.0 | 5392.6 | 5407.1 | 5444.9 | 5482.9 | 5565.8 | 5648.7 | 5765.9 |
| 5541.3 | 17.5° | 5522.7 | 5519.8 | 5522.7 | 5541.3 | 5559.7 | 5616.2 | 5672.4 | 5794.5 | 5916.7 | 6072.0 |
| 5620.3 | 20° | 5597.3 | 5590.0 | 5597.3 | 5620.3 | 5643.3 | 5715.5 | 5787.5 | 5937.0 | 6086.8 | 6264.1 |
| 5614.3 | 22.5° | 5588.8 | 5577.9 | 5588.8 | 5614.3 | 5639.7 | 5715.8 | 5791.6 | 5946.0 | 6100.1 | 6269.7 |
| 5518.8 | 25° | 5495.0 | 5481.0 | 5495.0 | 5518.8 | 5542.8 | 5608.4 | 5674.4 | 5811.0 | 5948.2 | 6087.0 |
| 5345.3 | 27.5° | 5334.4 | 5330.8 | 5334.4 | 5345.3 | 5356.2 | 5400.5 | 5444.6 | 5551.0 | 5657.4 | 5756.3 |
| 5116.3 | 30° | 5116.3 | 5120.0 | 5116.3 | 5116.3 | 5116.3 | 5139.1 | 5161.6 | 5238.2 | 5314.3 | 5389.9 |
| 4850.0 | 32.5° | 4852.2 | 4855.8 | 4852.2 | 4850.0 | 4848.1 | 4862.9 | 4877.6 | 4938.5 | 4999.3 | 5068.8 |
| 4577.2 | 35° | 4572.3 | 4569.9 | 4572.3 | 4577.2 | 4582.0 | 4604.3 | 4626.9 | 4682.8 | 4739.0 | 4788.2 |
| 4310.4 | 37.5° | 4288.8 | 4276.7 | 4288.8 | 4310.4 | 4332.0 | 4372.7 | 4413.6 | 4465.5 | 4517.1 | 4539.9 |
| 4059.1 | 40° | 4019.4 | 3995.7 | 4019.4 | 4059.1 | 4099.4 | 4158.5 | 4218.1 | 4261.9 | 4305.8 | 4300.5 |
| 3813.7 | 42.5° | 3755.3 | 3717.0 | 3755.3 | 3813.7 | 3872.1 | 3946.0 | 4019.9 | 4056.7 | 4093.8 | 4065.9 |
| 3587.4 | 45° | 3518.8 | 3474.7 | 3518.8 | 3587.4 | 3655.9 | 3740.3 | 3824.8 | 3858.0 | 3891.5 | 3851.5 |
| 3456.8 | 47.5° | 3393.5 | 3351.1 | 3393.5 | 3456.8 | 3520.2 | 3595.4 | 3670.5 | 3693.7 | 3717.0 | 3671.0 |
| 3399.6 | 50° | 3340.9 | 3300.2 | 3340.9 | 3399.6 | 3458.2 | 3518.3 | 3578.4 | 3579.4 | 3580.8 | 3521.7 |
| 3365.9 | 52.5° | 3313.6 | 3276.0 | 3313.6 | 3365.9 | 3418.5 | 3467.4 | 3516.4 | 3503.8 | 3491.2 | 3421.1 |
| 3326.9 | 55° | 3280.8 | 3246.9 | 3280.8 | 3326.9 | 3372.9 | 3415.6 | 3458.2 | 3440.8 | 3423.3 | 3348.9 |
| 3264.9 | 57.5° | 3219.1 | 3183.9 | 3219.1 | 3264.9 | 3310.4 | 3353.5 | 3396.7 | 3379.0 | 3361.3 | 3286.7 |
| 3180.0 | 60° | 3133.0 | 3096.7 | 3133.0 | 3180.0 | 3227.1 | 3269.0 | 3311.1 | 3291.7 | 3272.4 | 3197.2 |
| 3049.2 | 62.5° | 2999.8 | 2956.2 | 2999.8 | 3049.2 | 3098.6 | 3136.7 | 3174.7 | 3156.1 | 3137.4 | 3068.6 |
| 2869.4 | 65° | 2821.7 | 2784.1 | 2821.7 | 2869.4 | 2917.4 | 2954.0 | 2990.6 | 2971.7 | 2952.5 | 2891.9 |
| 2668.8 | 67.5° | 2624.2 | 2590.3 | 2624.2 | 2668.8 | 2713.4 | 2746.8 | 2780.5 | 2762.1 | 2743.4 | 2691.1 |
| 2458.5 | 70° | 2415.8 | 2377.0 | 2415.8 | 2458.5 | 2501.1 | 2528.5 | 2555.9 | 2537.9 | 2520.0 | 2472.7 |
| 2222.4 | 72.5° | 2182.0 | 2144.4 | 2182.0 | 2222.4 | 2263.2 | 2285.9 | 2308.7 | 2287.4 | 2266.1 | 2219.8 |
| 1957.6 | 75° | 1923.4 | 1887.6 | 1923.4 | 1957.6 | 1991.8 | 2002.9 | 2014.1 | 1991.8 | 1969.5 | 1927.3 |
| 1662.2 | 77.5° | 1627.8 | 1599.2 | 1627.8 | 1662.2 | 1696.6 | 1712.6 | 1728.1 | 1707.3 | 1686.5 | 1642.4 |
| 1345.8 | 80° | 1299.3 | 1245.5 | 1299.3 | 1345.8 | 1392.1 | 1398.6 | 1405.4 | 1377.8 | 1350.1 | 1316.7 |
| 1004.1 | 82.5° | 964.9 | 930.5 | 964.9 | 1004.1 | 1043.1 | 1046.3 | 1049.2 | 1002.2 | 955.2 | 883.5 |
| 626.1 | 85° | 595.6 | 564.6 | 595.6 | 626.1 | 656.7 | 661.5 | 666.3 | 608.2 | 550.0 | 482.7 |
| 261.2 | 87.5° | 245.2 | 230.2 | 245.2 | 261.2 | 276.7 | 283.0 | 288.8 | 265.3 | 241.8 | 213.5 |
| 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° |
|--------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 6314.5 | 0° | 6314.5 | 6314.5 | 6314.5 | 6314.5 | 6314.5 | 6314.5 | 6314.5 | 6314.5 | 6314.5 | 6314.5 |
| 5925.6 | 2.5° | 5962.2 | 5999.0 | 6035.6 | 6072.2 | 6113.9 | 6155.8 | 6202.1 | 6248.6 | 6306.1 | 6357.7 |
| 5622.7 | 5° | 5681.9 | 5740.7 | 5805.7 | 5870.6 | 5944.0 | 6017.7 | 6105.7 | 6193.4 | 6293.9 | 6395.7 |
| 5438.6 | 7.5° | 5510.6 | 5582.8 | 5664.7 | 5746.3 | 5843.2 | 5940.2 | 6056.7 | 6173.5 | 6303.6 | 6442.5 |
| 5404.7 | 10° | 5485.8 | 5567.0 | 5655.2 | 5743.2 | 5840.1 | 5937.0 | 6060.1 | 6183.2 | 6323.0 | 6494.3 |
| 5559.7 | 12.5° | 5643.6 | 5727.7 | 5796.5 | 5865.8 | 5929.7 | 5994.2 | 6094.5 | 6195.3 | 6325.4 | 6505.5 |
| 5883.2 | 15° | 5956.2 | 6029.1 | 6047.0 | 6065.0 | 6056.2 | 6047.5 | 6095.5 | 6143.7 | 6247.9 | 6447.3 |
| 6227.3 | 17.5° | 6285.9 | 6344.8 | 6288.8 | 6232.6 | 6127.0 | 6021.3 | 6003.9 | 5986.2 | 6050.4 | 6285.0 |
| 6441.7 | 20° | 6469.1 | 6496.3 | 6378.7 | 6261.2 | 6077.6 | 5894.1 | 5811.7 | 5729.4 | 5746.3 | 6019.4 |
| 6439.3 | 22.5° | 6423.1 | 6406.6 | 6253.7 | 6100.8 | 5891.0 | 5681.6 | 5559.7 | 5437.9 | 5404.7 | 5715.5 |
| 6226.1 | 25° | 6170.1 | 6113.9 | 5963.4 | 5813.0 | 5624.4 | 5436.2 | 5295.6 | 5155.1 | 5065.4 | 5384.1 |
| 5855.4 | 27.5° | 5792.6 | 5730.1 | 5609.4 | 5488.7 | 5334.2 | 5179.3 | 5043.6 | 4907.9 | 4798.9 | 5088.9 |
| 5465.2 | 30° | 5414.4 | 5363.5 | 5263.2 | 5163.1 | 5034.7 | 4906.2 | 4798.2 | 4690.6 | 4605.1 | 4848.6 |
| 5138.1 | 32.5° | 5081.4 | 5025.0 | 4928.8 | 4832.8 | 4730.1 | 4627.6 | 4563.9 | 4500.1 | 4462.1 | 4658.4 |
| 4837.7 | 35° | 4769.8 | 4702.0 | 4606.7 | 4511.8 | 4433.7 | 4355.5 | 4337.8 | 4320.3 | 4336.1 | 4499.6 |
| 4562.6 | 37.5° | 4478.8 | 4395.0 | 4300.0 | 4205.2 | 4149.3 | 4093.1 | 4112.4 | 4131.8 | 4189.5 | 4332.5 |
| 4294.9 | 40° | 4198.2 | 4101.8 | 4010.2 | 3918.6 | 3878.1 | 3837.7 | 3881.5 | 3925.4 | 4013.8 | 4143.5 |
| 4038.1 | 42.5° | 3933.9 | 3829.7 | 3742.7 | 3655.9 | 3622.7 | 3589.8 | 3647.9 | 3706.1 | 3817.6 | 3937.0 |
| 3811.5 | 45° | 3703.4 | 3595.4 | 3513.0 | 3430.6 | 3402.5 | 3374.9 | 3431.3 | 3488.0 | 3595.8 | 3717.0 |
| 3624.9 | 47.5° | 3518.3 | 3411.7 | 3331.2 | 3250.6 | 3224.6 | 3198.5 | 3246.0 | 3293.4 | 3386.2 | 3542.5 |
| 3462.6 | 50° | 3367.1 | 3271.6 | 3195.8 | 3119.7 | 3078.8 | 3038.1 | 3080.0 | 3122.1 | 3230.0 | 3435.4 |
| 3351.1 | 52.5° | 3261.9 | 3173.0 | 3103.5 | 3033.7 | 2972.6 | 2911.3 | 2952.8 | 2994.4 | 3145.2 | 3381.4 |
| 3274.8 | 55° | 3197.0 | 3119.0 | 3043.9 | 2968.8 | 2882.0 | 2795.0 | 2860.7 | 2926.6 | 3153.6 | 3373.4 |
| 3211.8 | 57.5° | 3134.5 | 3057.4 | 2969.2 | 2881.0 | 2787.5 | 2694.0 | 2789.9 | 2885.9 | 3162.1 | 3356.0 |
| 3122.1 | 60° | 3043.6 | 2965.4 | 2864.1 | 2762.8 | 2680.9 | 2598.7 | 2723.3 | 2847.6 | 3135.5 | 3263.4 |
| 2999.8 | 62.5° | 2916.2 | 2832.6 | 2714.3 | 2596.3 | 2544.2 | 2492.1 | 2647.5 | 2803.0 | 3070.0 | 3085.8 |
| 2831.4 | 65° | 2751.4 | 2671.4 | 2544.7 | 2418.2 | 2398.4 | 2378.2 | 2543.7 | 2709.0 | 2912.5 | 2910.6 |
| 2638.7 | 67.5° | 2563.1 | 2487.3 | 2370.3 | 2253.5 | 2259.8 | 2266.1 | 2403.7 | 2541.3 | 2655.7 | 2661.0 |
| 2425.5 | 70° | 2360.1 | 2294.7 | 2191.9 | 2089.2 | 2111.0 | 2132.8 | 2230.7 | 2328.6 | 2366.1 | 2366.1 |
| 2173.5 | 72.5° | 2114.4 | 2055.3 | 1974.6 | 1893.6 | 1925.4 | 1957.4 | 2024.5 | 2091.6 | 2091.1 | 2067.4 |
| 1885.2 | 75° | 1831.6 | 1778.1 | 1718.0 | 1657.9 | 1688.6 | 1719.2 | 1771.0 | 1822.6 | 1831.8 | 1722.3 |
| 1598.0 | 77.5° | 1552.0 | 1505.9 | 1457.2 | 1408.3 | 1439.3 | 1470.3 | 1511.8 | 1553.2 | 1558.0 | 1377.5 |
| 1283.0 | 80° | 1244.2 | 1205.5 | 1165.0 | 1124.3 | 1150.5 | 1176.4 | 1211.3 | 1245.9 | 1246.7 | 1031.0 |
| 811.7 | 82.5° | 825.3 | 838.9 | 842.3 | 845.7 | 864.1 | 882.5 | 899.4 | 916.4 | 906.2 | 722.1 |
| 415.6 | 85° | 453.1 | 490.7 | 508.4 | 525.8 | 546.4 | 567.0 | 585.2 | 603.3 | 590.0 | 453.1 |
| 185.4 | 87.5° | 214.2 | 242.8 | 243.5 | 244.2 | 248.1 | 252.0 | 259.3 | 266.5 | 249.6 | 192.6 |
| 0.0 | 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

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CANDELA DISTRIBUTION (continued):

| 325° | | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|--------|-------|--------|--------|--------|---------|---------|---------|---------|
| 6314.5 | 0° | 6314.5 | 6314.5 | 6314.5 | 6314.5 | 6314.5 | 6314.5 | 6314.5 |
| 6411.0 | 2.5° | 6464.3 | 6520.0 | 6575.7 | 6631.0 | 6686.5 | 6738.6 | 6790.7 |
| 6503.5 | 5° | 6611.4 | 6726.7 | 6842.3 | 6956.9 | 7071.7 | 7186.8 | 7301.9 |
| 6592.9 | 7.5° | 6743.4 | 6914.2 | 7085.1 | 7260.5 | 7435.9 | 7625.7 | 7815.6 |
| 6672.7 | 10° | 6850.5 | 7058.2 | 7265.6 | 7497.2 | 7729.1 | 7969.3 | 8209.4 |
| 6706.8 | 12.5° | 6908.2 | 7152.9 | 7397.6 | 7660.3 | 7923.0 | 8186.6 | 8450.5 |
| 6680.4 | 15° | 6913.5 | 7195.3 | 7477.1 | 7762.1 | 8047.0 | 8322.1 | 8597.1 |
| 6565.3 | 17.5° | 6845.7 | 7172.8 | 7499.9 | 7810.8 | 8121.7 | 8400.6 | 8679.5 |
| 6366.9 | 20° | 6714.3 | 7110.8 | 7507.2 | 7848.8 | 8190.5 | 8480.5 | 8770.3 |
| 6134.0 | 22.5° | 6552.5 | 7034.7 | 7516.9 | 7900.2 | 8283.3 | 8579.6 | 8875.7 |
| 5874.0 | 25° | 6364.2 | 6959.6 | 7555.1 | 7993.2 | 8431.1 | 8721.1 | 9011.4 |
| 5636.3 | 27.5° | 6183.7 | 6909.4 | 7635.1 | 8138.6 | 8641.9 | 8918.9 | 9195.6 |
| 5437.6 | 30° | 6026.7 | 6885.9 | 7744.6 | 8326.9 | 8909.2 | 9176.4 | 9443.9 |
| 5266.3 | 32.5° | 5874.0 | 6856.8 | 7839.1 | 8523.4 | 9207.7 | 9472.3 | 9737.1 |
| 5097.9 | 35° | 5696.2 | 6802.1 | 7908.4 | 8747.3 | 9586.2 | 9839.9 | 10093.3 |
| 4899.7 | 37.5° | 5466.9 | 6708.3 | 7949.6 | 8998.1 | 10046.6 | 10369.8 | 10693.0 |
| 4663.2 | 40° | 5183.0 | 6579.1 | 7975.6 | 9316.5 | 10657.2 | 11128.2 | 11599.3 |
| 4402.2 | 42.5° | 4867.5 | 6445.9 | 8024.7 | 9733.0 | 11441.3 | 12121.2 | 12801.1 |
| 4125.0 | 45° | 4533.1 | 6322.0 | 8111.2 | 10281.1 | 12451.0 | 13368.1 | 14285.2 |
| 3905.8 | 47.5° | 4269.0 | 6219.8 | 8170.6 | 10865.1 | 13559.5 | 14850.5 | 16141.3 |
| 3760.1 | 50° | 4084.8 | 6108.3 | 8131.8 | 11406.9 | 14681.9 | 16628.1 | 18574.1 |
| 3664.2 | 52.5° | 3947.2 | 5920.1 | 7893.2 | 11758.7 | 15624.0 | 18495.3 | 21366.7 |
| 3594.6 | 55° | 3815.9 | 5608.0 | 7400.1 | 11681.2 | 15962.0 | 20150.8 | 24339.8 |
| 3512.2 | 57.5° | 3668.5 | 5167.9 | 6667.1 | 11135.5 | 15604.1 | 21324.0 | 27043.9 |
| 3386.2 | 60° | 3509.1 | 4596.6 | 5684.0 | 10120.0 | 14555.9 | 21617.2 | 28678.3 |
| 3167.2 | 62.5° | 3248.9 | 3912.8 | 4576.7 | 8746.8 | 12916.9 | 20382.7 | 27848.4 |
| 2949.1 | 65° | 2987.7 | 3297.6 | 3607.5 | 7345.8 | 11084.4 | 18635.9 | 26187.4 |
| 2639.7 | 67.5° | 2618.1 | 2706.3 | 2794.3 | 5973.4 | 9152.4 | 16557.1 | 23961.8 |
| 2266.5 | 70° | 2166.7 | 2141.8 | 2116.6 | 4703.2 | 7289.8 | 14288.9 | 21287.9 |
| 1926.1 | 72.5° | 1784.6 | 1708.5 | 1632.7 | 3595.6 | 5558.5 | 11829.9 | 18101.6 |
| 1563.9 | 75° | 1405.4 | 1336.6 | 1267.8 | 2609.7 | 3951.6 | 9011.2 | 14070.8 |
| 1223.7 | 77.5° | 1069.8 | 1022.8 | 976.0 | 1768.4 | 2560.7 | 6307.0 | 10053.3 |
| 900.9 | 80° | 770.5 | 751.2 | 731.8 | 1139.3 | 1547.1 | 4063.5 | 6579.9 |
| 626.1 | 82.5° | 530.2 | 526.3 | 522.9 | 700.8 | 879.1 | 2351.8 | 3824.8 |
| 382.8 | 85° | 312.6 | 314.5 | 316.2 | 374.6 | 433.2 | 1057.9 | 1682.8 |
| 163.8 | 87.5° | 135.2 | 136.9 | 138.6 | 155.3 | 172.0 | 346.5 | 521.0 |
| 0.0 | 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

(END OF REPORT)