

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: STREETWORKS

Report Number: P950069

Luminaire Tested: **GLAN-SB4C-850-U-SLL**

Issue Date: 1/21/2025

Test Information

Test Method: LM-79-08
Report Number: P950069
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: STREETWORKS
Catalog Number: GLAN-SB4C-850-U-SLL
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(4) 80 CRI, 5000K, 615mA LIGHTSQUARES WITH 26 LEDS EACH AND SPILL LIGHT
ELIMINATOR LEFT OPTICS
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 28607 lumens
Efficiency: N/A
Efficacy: 142.5 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B3 - U0 - G5

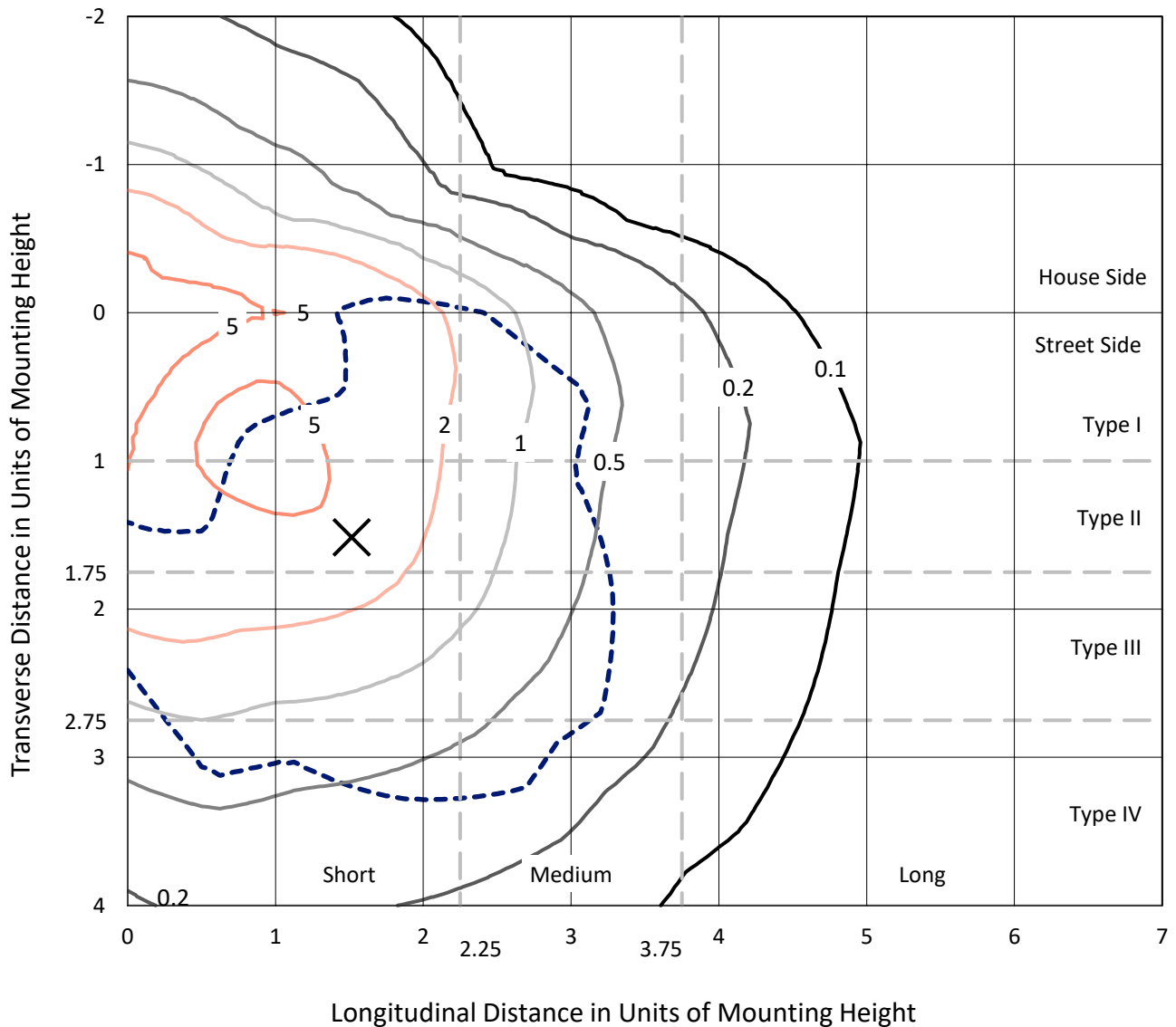
Input Watts (W): 200.7
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



REPORT NUMBER: P950069
 CATALOG NUMBER: GLAN-SB4C-850-U-SLL

Iso-Footcandle Lines of Horizontal Illumination

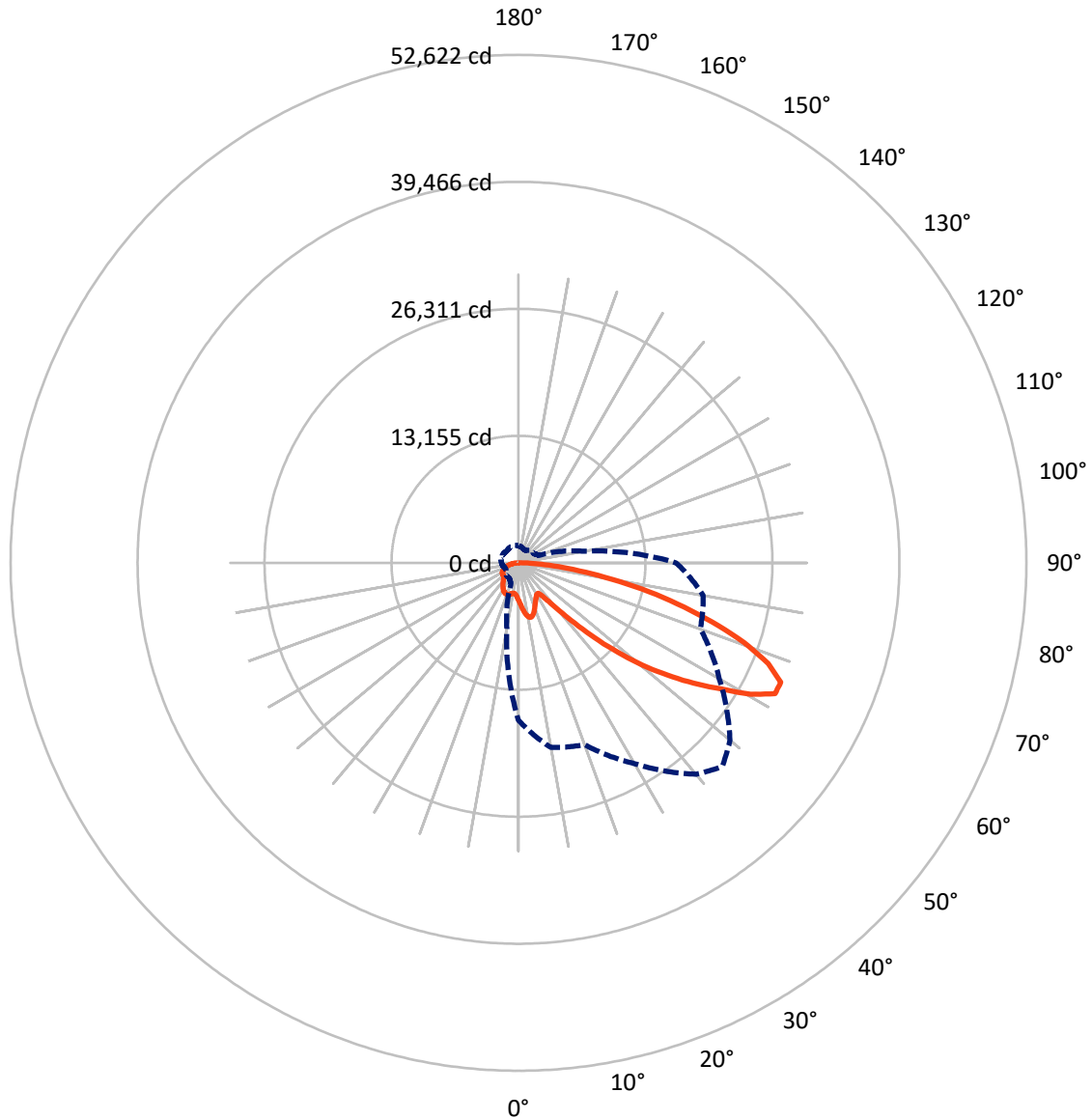
✕ Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 8.7 fc
 Type IV - Short - N/A

REPORT NUMBER: P950069
CATALOG NUMBER: GLAN-SB4C-850-U-SLL

Luminous Intensity Polar Plot



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

REPORT NUMBER: P950069
 CATALOG NUMBER: GLAN-SB4C-850-U-SLL

FLUX DISTRIBUTION:

| | | Downward | Upward | Total |
|--------------------|-----------|----------|--------|---------|
| House Side | Lumens | 7270.5 | 0.0 | 7270.5 |
| | % Fixture | 25.4 | 0.0 | 25.4 |
| Street Side | Lumens | 21336.5 | 0.0 | 21336.5 |
| | % Fixture | 74.6 | 0.0 | 74.6 |
| Total | Lumens | 28607.0 | 0.0 | 28607.0 |
| | % Fixture | 100.0 | 0.0 | 100.0 |

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|---------|-----------|
| 0°-10° | 390.2 | 1.4 |
| 10°-20° | 1225.0 | 4.3 |
| 20°-30° | 1892.2 | 6.6 |
| 30°-40° | 2397.9 | 8.4 |
| 40°-50° | 3616.6 | 12.6 |
| 50°-60° | 5843.1 | 20.4 |
| 60°-70° | 7284.4 | 25.5 |
| 70°-80° | 4776.7 | 16.7 |
| 80°-90° | 1180.9 | 4.1 |
| 90°-100° | 0.0 | 0.0 |
| 100°-110° | 0.0 | 0.0 |
| 110°-120° | 0.0 | 0.0 |
| 120°-130° | 0.0 | 0.0 |
| 130°-140° | 0.0 | 0.0 |
| 140°-150° | 0.0 | 0.0 |
| 150°-160° | 0.0 | 0.0 |
| 160°-170° | 0.0 | 0.0 |
| 170°-180° | 0.0 | 0.0 |
| 0°-90° | 28607.0 | 100.0 |
| 0°-180° | 28607.0 | 100.0 |

Coefficient of Utilization



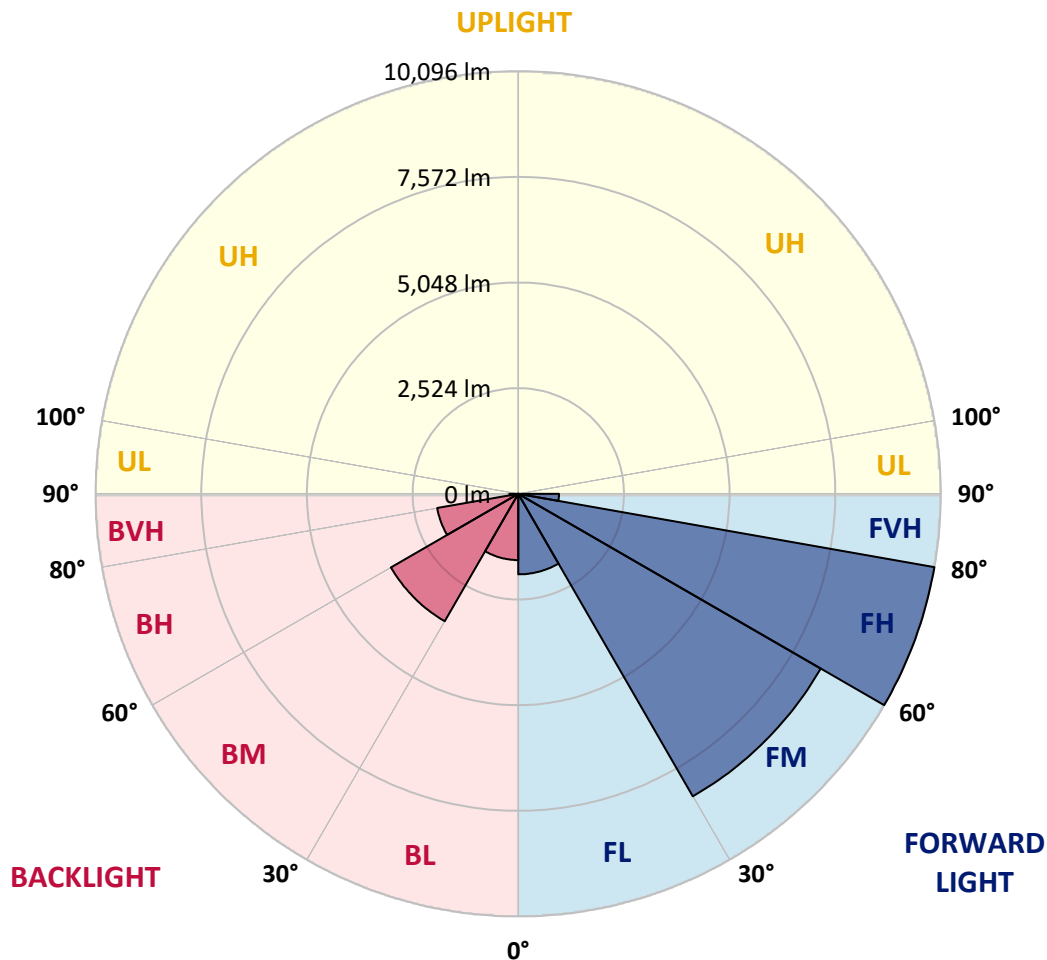
REPORT NUMBER: P950069
 CATALOG NUMBER: GLAN-SB4C-850-U-SLL

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

| Zone | Lumens | % Fixture | Zone Rating/Lumen Limit | | |
|----------------|---------|-----------|-------------------------|------|----------|
| | | | B | U | G |
| FL (0°-30°) | 1924.1 | 6.7 | | | |
| FM (30°-60°) | 8344.0 | 29.2 | | | |
| FH (60°-80°) | 10095.5 | 35.3 | | | G4/12000 |
| FVH (80°-90°) | 972.8 | 3.4 | | | G5 |
| BL (0°-30°) | 1583.2 | 5.5 | B3/2500 | | |
| BM (30°-60°) | 3513.5 | 12.3 | B3/5000 | | |
| BH (60°-80°) | 1965.6 | 6.9 | B3/2500 | | G3/2500 |
| BVH (80°-90°) | 208.1 | 0.7 | | | G2/225 |
| UL (90°-100°) | 0.0 | 0.0 | | U0/0 | |
| UH (100°-180°) | 0.0 | 0.0 | | U0/0 | |

BUG Rating: B3-U0-G5

Type IV Short



REPORT NUMBER: P950069
 CATALOG NUMBER: GLAN-SB4C-850-U-SLL

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° |
|-------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0° | 3933.7 | 3933.7 | 3933.7 | 3933.7 | 3933.7 | 3933.7 | 3933.7 | 3933.7 | 3933.7 | 3933.7 |
| 2.5° | 4230.3 | 4246.3 | 4262.5 | 4285.3 | 4308.1 | 4321.6 | 4335.2 | 4342.0 | 4348.8 | 4345.8 |
| 5° | 4548.8 | 4604.8 | 4661.0 | 4716.5 | 4772.2 | 4802.4 | 4832.6 | 4850.9 | 4869.3 | 4883.2 |
| 7.5° | 4868.8 | 4960.0 | 5051.0 | 5133.0 | 5215.0 | 5264.3 | 5313.7 | 5340.4 | 5367.0 | 5379.8 |
| 10° | 5114.1 | 5221.9 | 5329.7 | 5425.8 | 5522.0 | 5580.3 | 5638.2 | 5664.2 | 5690.0 | 5699.8 |
| 12.5° | 5264.3 | 5381.2 | 5497.8 | 5584.8 | 5671.4 | 5713.7 | 5756.0 | 5770.1 | 5784.3 | 5785.8 |
| 15° | 5355.6 | 5456.5 | 5557.2 | 5611.6 | 5666.3 | 5667.8 | 5669.3 | 5654.2 | 5639.1 | 5621.3 |
| 17.5° | 5407.0 | 5475.0 | 5543.1 | 5544.2 | 5545.1 | 5483.9 | 5422.8 | 5366.8 | 5310.7 | 5271.1 |
| 20° | 5463.6 | 5487.3 | 5511.1 | 5439.4 | 5367.7 | 5232.8 | 5097.8 | 4999.6 | 4901.3 | 4840.9 |
| 22.5° | 5529.2 | 5498.1 | 5467.0 | 5318.5 | 5170.0 | 4971.5 | 4773.0 | 4650.1 | 4527.2 | 4460.5 |
| 25° | 5613.8 | 5515.6 | 5417.5 | 5192.0 | 4966.5 | 4725.4 | 4484.4 | 4355.2 | 4226.2 | 4163.2 |
| 27.5° | 5728.5 | 5553.1 | 5377.5 | 5078.8 | 4780.2 | 4513.0 | 4245.9 | 4118.8 | 3991.8 | 3932.2 |
| 30° | 5883.2 | 5621.6 | 5360.2 | 4992.5 | 4624.7 | 4346.4 | 4068.1 | 3950.2 | 3832.3 | 3776.7 |
| 32.5° | 6065.9 | 5707.7 | 5349.6 | 4933.6 | 4517.6 | 4256.0 | 3994.4 | 3901.9 | 3809.2 | 3769.2 |
| 35° | 6287.7 | 5849.4 | 5411.2 | 4977.7 | 4544.3 | 4362.6 | 4181.0 | 4159.4 | 4137.8 | 4134.5 |
| 37.5° | 6661.3 | 6145.7 | 5630.1 | 5236.1 | 4842.1 | 4830.3 | 4818.6 | 4917.3 | 5016.0 | 5067.3 |
| 40° | 7225.9 | 6665.1 | 6104.3 | 5811.4 | 5518.4 | 5725.2 | 5932.0 | 6172.0 | 6412.0 | 6531.5 |
| 42.5° | 7974.6 | 7418.2 | 6861.8 | 6693.0 | 6524.3 | 6975.3 | 7426.3 | 7862.9 | 8299.4 | 8555.7 |
| 45° | 8899.1 | 8399.4 | 7899.4 | 7825.0 | 7750.4 | 8473.0 | 9195.8 | 9913.1 | 10630.5 | 11066.0 |
| 47.5° | 10055.4 | 9569.2 | 9082.9 | 9067.8 | 9052.7 | 10095.1 | 11137.3 | 12187.4 | 13237.4 | 13854.0 |
| 50° | 11570.9 | 10970.3 | 10369.8 | 10372.4 | 10375.0 | 11718.4 | 13061.8 | 14448.0 | 15834.2 | 16672.2 |
| 52.5° | 13310.6 | 12583.3 | 11856.2 | 11782.7 | 11709.0 | 13313.8 | 14918.5 | 16633.6 | 18348.5 | 19353.1 |
| 55° | 15162.7 | 14444.2 | 13725.7 | 13439.1 | 13152.4 | 14938.4 | 16724.3 | 18768.9 | 20813.5 | 22008.2 |
| 57.5° | 16847.3 | 16456.1 | 16064.7 | 15489.7 | 14914.9 | 16718.3 | 18521.6 | 20837.5 | 23153.2 | 24634.7 |
| 60° | 17865.5 | 18473.2 | 19081.1 | 18367.1 | 17653.1 | 19359.7 | 21066.3 | 23545.8 | 26025.3 | 27626.5 |
| 62.5° | 17348.5 | 19009.1 | 20669.6 | 20589.2 | 20508.6 | 22071.9 | 23635.5 | 25994.5 | 28353.3 | 29833.4 |
| 65° | 16313.7 | 17872.3 | 19430.8 | 19739.2 | 20047.4 | 22034.2 | 24021.1 | 26308.6 | 28595.9 | 29856.0 |
| 67.5° | 14927.3 | 16409.6 | 17891.9 | 18036.5 | 18181.0 | 20251.1 | 22321.0 | 24618.3 | 26915.6 | 27902.8 |
| 70° | 13261.6 | 14873.8 | 16486.3 | 16550.9 | 16615.6 | 18466.8 | 20317.9 | 22294.9 | 24271.7 | 24820.4 |
| 72.5° | 11276.6 | 13126.8 | 14977.1 | 15023.6 | 15069.9 | 16518.3 | 17966.6 | 19447.3 | 20927.8 | 20983.3 |
| 75° | 8765.6 | 10680.5 | 12595.4 | 12767.3 | 12939.3 | 14066.1 | 15192.9 | 16235.2 | 17277.5 | 16998.3 |
| 77.5° | 6262.8 | 8050.4 | 9838.0 | 10084.1 | 10330.1 | 11186.8 | 12043.4 | 12782.6 | 13521.9 | 13041.9 |
| 80° | 4099.0 | 5602.9 | 7106.6 | 7412.5 | 7718.3 | 8365.2 | 9011.9 | 9400.1 | 9788.2 | 9016.1 |
| 82.5° | 2382.7 | 3410.8 | 4439.1 | 4780.7 | 5122.4 | 5567.7 | 6013.0 | 6175.0 | 6336.8 | 5730.0 |
| 85° | 1048.3 | 1594.0 | 2139.7 | 2430.3 | 2720.8 | 3086.7 | 3452.5 | 3544.4 | 3636.3 | 3150.3 |
| 87.5° | 324.5 | 507.9 | 691.3 | 853.5 | 1015.6 | 1198.5 | 1381.5 | 1389.3 | 1397.0 | 1172.9 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

REPORT NUMBER: P950069
 CATALOG NUMBER: GLAN-SB4C-850-U-SLL

CANDELA DISTRIBUTION (continued):

| 50° | | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° |
|---------|-------|---------|---------|---------|---------|---------|---------|---------|---------|---------|--------|
| 3933.7 | 0° | 3933.7 | 3933.7 | 3933.7 | 3933.7 | 3933.7 | 3933.7 | 3933.7 | 3933.7 | 3933.7 | 3933.7 |
| 4348.8 | 2.5° | 4342.0 | 4335.2 | 4321.6 | 4308.1 | 4285.3 | 4262.5 | 4246.3 | 4230.3 | 4197.9 | 4165.4 |
| 4869.3 | 5° | 4850.9 | 4832.6 | 4802.4 | 4772.2 | 4716.5 | 4661.0 | 4604.8 | 4548.8 | 4477.1 | 4405.4 |
| 5367.0 | 7.5° | 5340.4 | 5313.7 | 5264.3 | 5215.0 | 5133.0 | 5051.0 | 4960.0 | 4868.8 | 4750.5 | 4632.3 |
| 5690.0 | 10° | 5664.2 | 5638.2 | 5580.3 | 5522.0 | 5425.8 | 5329.7 | 5221.9 | 5114.1 | 4964.5 | 4814.9 |
| 5784.3 | 12.5° | 5770.1 | 5756.0 | 5713.7 | 5671.4 | 5584.8 | 5497.8 | 5381.2 | 5264.3 | 5099.9 | 4935.7 |
| 5639.1 | 15° | 5654.2 | 5669.3 | 5667.8 | 5666.3 | 5611.6 | 5557.2 | 5456.5 | 5355.6 | 5184.3 | 5013.0 |
| 5310.7 | 17.5° | 5366.8 | 5422.8 | 5483.9 | 5545.1 | 5544.2 | 5543.1 | 5475.0 | 5407.0 | 5233.2 | 5059.5 |
| 4901.3 | 20° | 4999.6 | 5097.8 | 5232.8 | 5367.7 | 5439.4 | 5511.1 | 5487.3 | 5463.6 | 5283.0 | 5102.3 |
| 4527.2 | 22.5° | 4650.1 | 4773.0 | 4971.5 | 5170.0 | 5318.5 | 5467.0 | 5498.1 | 5529.2 | 5344.8 | 5160.2 |
| 4226.2 | 25° | 4355.2 | 4484.4 | 4725.4 | 4966.5 | 5192.0 | 5417.5 | 5515.6 | 5613.8 | 5432.9 | 5252.2 |
| 3991.8 | 27.5° | 4118.8 | 4245.9 | 4513.0 | 4780.2 | 5078.8 | 5377.5 | 5553.1 | 5728.5 | 5556.1 | 5383.6 |
| 3832.3 | 30° | 3950.2 | 4068.1 | 4346.4 | 4624.7 | 4992.5 | 5360.2 | 5621.6 | 5883.2 | 5716.6 | 5550.1 |
| 3809.2 | 32.5° | 3901.9 | 3994.4 | 4256.0 | 4517.6 | 4933.6 | 5349.6 | 5707.7 | 6065.9 | 5900.9 | 5736.0 |
| 4137.8 | 35° | 4159.4 | 4181.0 | 4362.6 | 4544.3 | 4977.7 | 5411.2 | 5849.4 | 6287.7 | 6129.9 | 5971.8 |
| 5016.0 | 37.5° | 4917.3 | 4818.6 | 4830.3 | 4842.1 | 5236.1 | 5630.1 | 6145.7 | 6661.3 | 6460.0 | 6258.6 |
| 6412.0 | 40° | 6172.0 | 5932.0 | 5725.2 | 5518.4 | 5811.4 | 6104.3 | 6665.1 | 7225.9 | 6932.4 | 6639.0 |
| 8299.4 | 42.5° | 7862.9 | 7426.3 | 6975.3 | 6524.3 | 6693.0 | 6861.8 | 7418.2 | 7974.6 | 7551.0 | 7127.5 |
| 10630.5 | 45° | 9913.1 | 9195.8 | 8473.0 | 7750.4 | 7825.0 | 7899.4 | 8399.4 | 8899.1 | 8327.8 | 7756.5 |
| 13237.4 | 47.5° | 12187.4 | 11137.3 | 10095.1 | 9052.7 | 9067.8 | 9082.9 | 9569.2 | 10055.4 | 9251.3 | 8447.1 |
| 15834.2 | 50° | 14448.0 | 13061.8 | 11718.4 | 10375.0 | 10372.4 | 10369.8 | 10970.3 | 11570.9 | 10358.7 | 9146.3 |
| 18348.5 | 52.5° | 16633.6 | 14918.5 | 13313.8 | 11709.0 | 11782.7 | 11856.2 | 12583.3 | 13310.6 | 11521.9 | 9733.1 |
| 20813.5 | 55° | 18768.9 | 16724.3 | 14938.4 | 13152.4 | 13439.1 | 13725.7 | 14444.2 | 15162.7 | 12553.2 | 9943.7 |
| 23153.2 | 57.5° | 20837.5 | 18521.6 | 16718.3 | 14914.9 | 15489.7 | 16064.7 | 16456.1 | 16847.3 | 13284.0 | 9720.8 |
| 26025.3 | 60° | 23545.8 | 21066.3 | 19359.7 | 17653.1 | 18367.1 | 19081.1 | 18473.2 | 17865.5 | 13466.7 | 9067.8 |
| 28353.3 | 62.5° | 25994.5 | 23635.5 | 22071.9 | 20508.6 | 20589.2 | 20669.6 | 19009.1 | 17348.5 | 12697.6 | 8046.7 |
| 28595.9 | 65° | 26308.6 | 24021.1 | 22034.2 | 20047.4 | 19739.2 | 19430.8 | 17872.3 | 16313.7 | 11609.4 | 6905.1 |
| 26915.6 | 67.5° | 24618.3 | 22321.0 | 20251.1 | 18181.0 | 18036.5 | 17891.9 | 16409.6 | 14927.3 | 10314.4 | 5701.6 |
| 24271.7 | 70° | 22294.9 | 20317.9 | 18466.8 | 16615.6 | 16550.9 | 16486.3 | 14873.8 | 13261.6 | 8901.4 | 4541.3 |
| 20927.8 | 72.5° | 19447.3 | 17966.6 | 16518.3 | 15069.9 | 15023.6 | 14977.1 | 13126.8 | 11276.6 | 7369.6 | 3462.8 |
| 17277.5 | 75° | 16235.2 | 15192.9 | 14066.1 | 12939.3 | 12767.3 | 12595.4 | 10680.5 | 8765.6 | 5613.6 | 2461.7 |
| 13521.9 | 77.5° | 12782.6 | 12043.4 | 11186.8 | 10330.1 | 10084.1 | 9838.0 | 8050.4 | 6262.8 | 3929.0 | 1595.2 |
| 9788.2 | 80° | 9400.1 | 9011.9 | 8365.2 | 7718.3 | 7412.5 | 7106.6 | 5602.9 | 4099.0 | 2531.4 | 963.8 |
| 6336.8 | 82.5° | 6175.0 | 6013.0 | 5567.7 | 5122.4 | 4780.7 | 4439.1 | 3410.8 | 2382.7 | 1465.1 | 547.6 |
| 3636.3 | 85° | 3544.4 | 3452.5 | 3086.7 | 2720.8 | 2430.3 | 2139.7 | 1594.0 | 1048.3 | 659.0 | 269.9 |
| 1397.0 | 87.5° | 1389.3 | 1381.5 | 1198.5 | 1015.6 | 853.5 | 691.3 | 507.9 | 324.5 | 215.9 | 107.2 |
| 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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 CATALOG NUMBER: GLAN-SB4C-850-U-SLL

CANDELA DISTRIBUTION (continued):

| 105° | | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° |
|--------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 3933.7 | 0° | 3933.7 | 3933.7 | 3933.7 | 3933.7 | 3933.7 | 3933.7 | 3933.7 | 3933.7 | 3933.7 | 3933.7 |
| 4130.8 | 2.5° | 4096.4 | 4061.7 | 4027.0 | 3993.8 | 3960.6 | 3928.4 | 3892.7 | 3863.7 | 3834.8 | 3808.7 |
| 4333.9 | 5° | 4262.5 | 4190.5 | 4118.6 | 4051.4 | 3984.3 | 3920.9 | 3858.2 | 3803.6 | 3748.8 | 3702.9 |
| 4523.0 | 7.5° | 4413.7 | 4307.3 | 4200.9 | 4107.1 | 4013.4 | 3926.9 | 3845.9 | 3773.1 | 3700.5 | 3640.1 |
| 4670.5 | 10° | 4526.2 | 4397.0 | 4267.6 | 4156.8 | 4045.7 | 3939.0 | 3851.9 | 3775.2 | 3698.5 | 3638.2 |
| 4772.1 | 12.5° | 4608.4 | 4456.0 | 4303.5 | 4178.1 | 4052.7 | 3940.5 | 3859.4 | 3796.6 | 3734.2 | 3694.0 |
| 4835.5 | 15° | 4658.0 | 4482.4 | 4306.9 | 4161.6 | 4016.4 | 3892.2 | 3827.3 | 3797.3 | 3767.4 | 3772.8 |
| 4865.8 | 17.5° | 4672.1 | 4468.4 | 4264.6 | 4089.9 | 3915.3 | 3769.2 | 3729.2 | 3740.2 | 3751.1 | 3816.9 |
| 4889.5 | 20° | 4676.7 | 4429.7 | 4182.8 | 3966.3 | 3749.9 | 3579.7 | 3569.2 | 3620.5 | 3671.8 | 3786.1 |
| 4921.5 | 22.5° | 4682.7 | 4382.3 | 4081.9 | 3821.3 | 3560.6 | 3366.9 | 3387.6 | 3463.5 | 3539.4 | 3669.9 |
| 4979.5 | 25° | 4706.6 | 4335.5 | 3964.7 | 3659.3 | 3354.1 | 3155.6 | 3211.4 | 3299.0 | 3386.5 | 3503.8 |
| 5070.0 | 27.5° | 4756.4 | 4304.3 | 3852.2 | 3511.2 | 3170.2 | 2989.5 | 3057.5 | 3142.0 | 3226.5 | 3323.0 |
| 5187.3 | 30° | 4824.6 | 4289.6 | 3754.4 | 3387.4 | 3020.5 | 2868.8 | 2922.1 | 2989.1 | 3056.4 | 3136.4 |
| 5309.8 | 32.5° | 4883.5 | 4271.5 | 3659.3 | 3280.7 | 2902.0 | 2779.7 | 2803.4 | 2843.1 | 2882.8 | 2946.7 |
| 5449.2 | 35° | 4926.6 | 4237.4 | 3548.5 | 3175.8 | 2803.1 | 2701.2 | 2691.4 | 2702.3 | 2713.3 | 2762.0 |
| 5605.5 | 37.5° | 4952.3 | 4179.0 | 3405.7 | 3052.3 | 2699.0 | 2609.9 | 2574.0 | 2561.9 | 2549.8 | 2584.8 |
| 5803.8 | 40° | 4968.5 | 4098.5 | 3228.8 | 2905.0 | 2581.2 | 2500.5 | 2445.4 | 2418.0 | 2390.7 | 2415.9 |
| 6063.3 | 42.5° | 4999.1 | 4015.5 | 3032.2 | 2742.4 | 2452.6 | 2378.2 | 2308.8 | 2272.5 | 2236.3 | 2256.8 |
| 6404.7 | 45° | 5053.0 | 3938.4 | 2823.9 | 2569.7 | 2315.5 | 2240.1 | 2172.9 | 2137.6 | 2102.4 | 2119.6 |
| 6768.5 | 47.5° | 5090.0 | 3874.7 | 2659.4 | 2433.1 | 2206.9 | 2109.5 | 2051.7 | 2022.1 | 1992.5 | 2008.8 |
| 7106.0 | 50° | 5065.8 | 3805.3 | 2544.7 | 2342.4 | 2140.1 | 2012.1 | 1945.0 | 1918.7 | 1892.6 | 1917.9 |
| 7325.2 | 52.5° | 4917.1 | 3688.0 | 2458.9 | 2282.6 | 2106.5 | 1959.3 | 1865.4 | 1839.5 | 1813.6 | 1851.8 |
| 7276.9 | 55° | 4610.0 | 3493.5 | 2377.1 | 2239.3 | 2101.5 | 1964.6 | 1823.2 | 1782.1 | 1741.2 | 1795.4 |
| 6937.0 | 57.5° | 4153.3 | 3219.4 | 2285.4 | 2188.0 | 2090.6 | 1969.9 | 1797.8 | 1738.0 | 1678.2 | 1736.5 |
| 6304.3 | 60° | 3540.9 | 2863.5 | 2186.0 | 2109.5 | 2033.0 | 1953.3 | 1773.9 | 1696.5 | 1618.9 | 1670.1 |
| 5448.9 | 62.5° | 2851.1 | 2437.5 | 2023.9 | 1973.0 | 1922.3 | 1912.5 | 1746.2 | 1649.3 | 1552.5 | 1585.0 |
| 4576.1 | 65° | 2247.3 | 2054.3 | 1861.2 | 1837.2 | 1813.2 | 1814.4 | 1687.6 | 1584.7 | 1481.6 | 1494.1 |
| 3721.2 | 67.5° | 1740.7 | 1685.9 | 1631.0 | 1644.4 | 1657.7 | 1654.4 | 1583.1 | 1497.4 | 1411.7 | 1407.7 |
| 2929.9 | 70° | 1318.5 | 1334.2 | 1349.8 | 1412.0 | 1474.0 | 1474.0 | 1450.6 | 1389.6 | 1328.6 | 1315.1 |
| 2239.9 | 72.5° | 1017.1 | 1064.3 | 1111.7 | 1199.9 | 1287.9 | 1302.7 | 1303.0 | 1261.2 | 1219.4 | 1199.4 |
| 1625.7 | 75° | 789.8 | 832.6 | 875.5 | 974.2 | 1072.9 | 1141.2 | 1135.4 | 1103.3 | 1071.0 | 1052.0 |
| 1101.6 | 77.5° | 608.0 | 637.2 | 666.4 | 762.3 | 858.1 | 970.6 | 967.6 | 941.8 | 916.0 | 896.6 |
| 709.8 | 80° | 455.9 | 467.9 | 480.0 | 561.2 | 642.3 | 776.6 | 776.2 | 754.6 | 732.9 | 716.7 |
| 436.5 | 82.5° | 325.7 | 327.9 | 330.3 | 390.1 | 449.8 | 564.5 | 570.9 | 560.3 | 549.8 | 538.3 |
| 233.4 | 85° | 197.0 | 195.9 | 194.7 | 238.5 | 282.3 | 367.6 | 375.9 | 364.5 | 353.2 | 340.4 |
| 96.8 | 87.5° | 86.3 | 85.3 | 84.2 | 102.0 | 120.0 | 155.5 | 166.0 | 161.5 | 157.0 | 154.6 |
| 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):

| 160° | | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° |
|--------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 3933.7 | 0° | 3933.7 | 3933.7 | 3933.7 | 3933.7 | 3933.7 | 3933.7 | 3933.7 | 3933.7 | 3933.7 | 3933.7 |
| 3782.8 | 2.5° | 3760.0 | 3737.2 | 3714.2 | 3691.4 | 3673.8 | 3656.0 | 3641.6 | 3627.3 | 3616.1 | 3604.9 |
| 3657.2 | 5° | 3616.7 | 3576.3 | 3539.6 | 3502.8 | 3474.5 | 3446.1 | 3426.4 | 3406.6 | 3392.6 | 3378.5 |
| 3579.7 | 7.5° | 3528.9 | 3477.8 | 3432.9 | 3388.0 | 3354.4 | 3320.9 | 3297.3 | 3273.8 | 3257.6 | 3241.6 |
| 3577.8 | 10° | 3523.0 | 3468.0 | 3417.5 | 3366.9 | 3326.7 | 3286.4 | 3260.2 | 3233.6 | 3218.4 | 3203.1 |
| 3654.2 | 12.5° | 3611.0 | 3568.1 | 3515.7 | 3463.5 | 3412.2 | 3360.9 | 3326.9 | 3292.9 | 3275.9 | 3259.0 |
| 3778.2 | 15° | 3767.1 | 3755.9 | 3710.5 | 3665.0 | 3592.0 | 3518.9 | 3467.3 | 3415.7 | 3392.0 | 3368.4 |
| 3882.7 | 17.5° | 3917.7 | 3952.6 | 3915.9 | 3879.4 | 3782.6 | 3685.9 | 3609.8 | 3533.7 | 3498.7 | 3463.5 |
| 3900.5 | 20° | 3973.7 | 4046.9 | 4030.0 | 4013.0 | 3902.3 | 3791.8 | 3698.5 | 3605.4 | 3560.6 | 3515.6 |
| 3800.6 | 22.5° | 3895.8 | 3991.1 | 4001.3 | 4011.4 | 3905.8 | 3800.1 | 3704.1 | 3608.0 | 3560.7 | 3513.3 |
| 3621.2 | 25° | 3715.0 | 3808.7 | 3843.7 | 3878.6 | 3792.0 | 3705.5 | 3620.0 | 3534.9 | 3493.8 | 3452.9 |
| 3419.3 | 27.5° | 3494.4 | 3569.6 | 3608.6 | 3647.7 | 3585.9 | 3524.3 | 3458.1 | 3391.8 | 3364.3 | 3336.7 |
| 3216.4 | 30° | 3278.7 | 3341.2 | 3372.9 | 3404.6 | 3357.7 | 3310.6 | 3263.2 | 3215.5 | 3201.5 | 3187.3 |
| 3010.7 | 32.5° | 3070.4 | 3130.4 | 3165.5 | 3200.9 | 3157.7 | 3114.4 | 3076.5 | 3038.6 | 3029.4 | 3020.2 |
| 2810.7 | 35° | 2869.8 | 2929.1 | 2971.4 | 3013.7 | 2982.9 | 2952.2 | 2917.2 | 2882.4 | 2868.3 | 2854.4 |
| 2619.7 | 37.5° | 2678.7 | 2737.9 | 2790.1 | 2842.4 | 2828.2 | 2814.0 | 2781.8 | 2749.5 | 2724.0 | 2698.7 |
| 2441.1 | 40° | 2498.2 | 2555.3 | 2615.3 | 2675.6 | 2679.0 | 2682.3 | 2655.0 | 2627.7 | 2590.6 | 2553.7 |
| 2277.5 | 42.5° | 2331.5 | 2385.7 | 2450.6 | 2515.6 | 2532.9 | 2550.3 | 2527.2 | 2504.2 | 2458.2 | 2412.2 |
| 2137.1 | 45° | 2188.4 | 2239.8 | 2307.1 | 2374.4 | 2399.3 | 2424.2 | 2403.4 | 2382.7 | 2330.0 | 2277.5 |
| 2025.0 | 47.5° | 2075.2 | 2125.3 | 2191.8 | 2258.2 | 2286.9 | 2315.5 | 2301.1 | 2286.6 | 2239.8 | 2193.0 |
| 1943.5 | 50° | 1990.9 | 2038.1 | 2097.6 | 2157.0 | 2193.9 | 2230.7 | 2229.8 | 2229.2 | 2191.8 | 2154.3 |
| 1889.9 | 52.5° | 1933.3 | 1976.7 | 2032.1 | 2087.6 | 2131.2 | 2174.9 | 2182.7 | 2190.6 | 2160.1 | 2129.6 |
| 1849.4 | 55° | 1896.2 | 1943.0 | 1991.6 | 2040.1 | 2086.3 | 2132.6 | 2143.5 | 2154.3 | 2127.8 | 2101.2 |
| 1794.8 | 57.5° | 1849.7 | 1904.7 | 1952.7 | 2000.8 | 2047.5 | 2094.0 | 2105.0 | 2116.0 | 2089.1 | 2062.3 |
| 1721.1 | 60° | 1784.2 | 1847.3 | 1896.1 | 1945.0 | 1991.8 | 2038.6 | 2050.6 | 2062.7 | 2036.4 | 2010.3 |
| 1617.4 | 62.5° | 1690.9 | 1764.6 | 1816.7 | 1868.7 | 1911.6 | 1954.5 | 1966.1 | 1977.7 | 1954.0 | 1930.3 |
| 1506.5 | 65° | 1585.3 | 1664.2 | 1714.0 | 1763.8 | 1801.6 | 1839.3 | 1851.2 | 1863.0 | 1840.2 | 1817.4 |
| 1403.8 | 67.5° | 1476.6 | 1549.5 | 1596.7 | 1643.8 | 1676.4 | 1709.0 | 1720.7 | 1732.1 | 1711.1 | 1690.3 |
| 1301.5 | 70° | 1365.5 | 1429.5 | 1470.2 | 1511.0 | 1540.4 | 1569.9 | 1581.0 | 1592.2 | 1575.1 | 1558.1 |
| 1179.7 | 72.5° | 1230.1 | 1280.3 | 1317.2 | 1354.0 | 1382.8 | 1411.7 | 1425.0 | 1438.2 | 1424.0 | 1409.9 |
| 1032.8 | 75° | 1070.2 | 1107.7 | 1141.0 | 1174.4 | 1200.6 | 1226.9 | 1240.8 | 1254.7 | 1247.7 | 1240.8 |
| 877.3 | 77.5° | 907.8 | 938.1 | 966.8 | 995.5 | 1023.1 | 1050.6 | 1063.6 | 1076.6 | 1066.9 | 1056.9 |
| 700.4 | 80° | 725.8 | 751.0 | 775.1 | 799.3 | 820.3 | 841.1 | 858.3 | 875.5 | 871.3 | 867.2 |
| 526.8 | 82.5° | 524.7 | 522.6 | 514.1 | 505.7 | 550.4 | 595.0 | 624.3 | 653.6 | 651.8 | 649.8 |
| 327.6 | 85° | 316.7 | 305.7 | 282.3 | 258.9 | 300.7 | 342.7 | 378.9 | 415.1 | 412.1 | 409.1 |
| 152.2 | 87.5° | 151.7 | 151.3 | 133.4 | 115.5 | 133.0 | 150.6 | 165.3 | 179.9 | 176.3 | 172.4 |
| 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):

| 215° | | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° |
|--------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 3933.7 | 0° | 3933.7 | 3933.7 | 3933.7 | 3933.7 | 3933.7 | 3933.7 | 3933.7 | 3933.7 | 3933.7 | 3933.7 |
| 3594.7 | 2.5° | 3584.3 | 3571.4 | 3584.3 | 3594.7 | 3604.9 | 3616.1 | 3627.3 | 3641.6 | 3656.0 | 3673.8 |
| 3367.8 | 5° | 3357.1 | 3346.5 | 3357.1 | 3367.8 | 3378.5 | 3392.6 | 3406.6 | 3426.4 | 3446.1 | 3474.5 |
| 3232.0 | 7.5° | 3222.4 | 3215.2 | 3222.4 | 3232.0 | 3241.6 | 3257.6 | 3273.8 | 3297.3 | 3320.9 | 3354.4 |
| 3195.0 | 10° | 3186.8 | 3183.5 | 3186.8 | 3195.0 | 3203.1 | 3218.4 | 3233.6 | 3260.2 | 3286.4 | 3326.7 |
| 3252.0 | 12.5° | 3245.1 | 3243.9 | 3245.1 | 3252.0 | 3259.0 | 3275.9 | 3292.9 | 3326.9 | 3360.9 | 3412.2 |
| 3359.4 | 15° | 3350.3 | 3349.5 | 3350.3 | 3359.4 | 3368.4 | 3392.0 | 3415.7 | 3467.3 | 3518.9 | 3592.0 |
| 3452.0 | 17.5° | 3440.4 | 3438.6 | 3440.4 | 3452.0 | 3463.5 | 3498.7 | 3533.7 | 3609.8 | 3685.9 | 3782.6 |
| 3501.2 | 20° | 3486.9 | 3482.4 | 3486.9 | 3501.2 | 3515.6 | 3560.6 | 3605.4 | 3698.5 | 3791.8 | 3902.3 |
| 3497.5 | 22.5° | 3481.6 | 3474.8 | 3481.6 | 3497.5 | 3513.3 | 3560.7 | 3608.0 | 3704.1 | 3800.1 | 3905.8 |
| 3438.0 | 25° | 3423.2 | 3414.4 | 3423.2 | 3438.0 | 3452.9 | 3493.8 | 3534.9 | 3620.0 | 3705.5 | 3792.0 |
| 3329.9 | 27.5° | 3323.1 | 3320.9 | 3323.1 | 3329.9 | 3336.7 | 3364.3 | 3391.8 | 3458.1 | 3524.3 | 3585.9 |
| 3187.3 | 30° | 3187.3 | 3189.5 | 3187.3 | 3187.3 | 3187.3 | 3201.5 | 3215.5 | 3263.2 | 3310.6 | 3357.7 |
| 3021.4 | 32.5° | 3022.7 | 3025.0 | 3022.7 | 3021.4 | 3020.2 | 3029.4 | 3038.6 | 3076.5 | 3114.4 | 3157.7 |
| 2851.4 | 35° | 2848.4 | 2846.9 | 2848.4 | 2851.4 | 2854.4 | 2868.3 | 2882.4 | 2917.2 | 2952.2 | 2982.9 |
| 2685.2 | 37.5° | 2671.8 | 2664.2 | 2671.8 | 2685.2 | 2698.7 | 2724.0 | 2749.5 | 2781.8 | 2814.0 | 2828.2 |
| 2528.7 | 40° | 2503.9 | 2489.1 | 2503.9 | 2528.7 | 2553.7 | 2590.6 | 2627.7 | 2655.0 | 2682.3 | 2679.0 |
| 2375.8 | 42.5° | 2339.4 | 2315.5 | 2339.4 | 2375.8 | 2412.2 | 2458.2 | 2504.2 | 2527.2 | 2550.3 | 2532.9 |
| 2234.8 | 45° | 2192.1 | 2164.6 | 2192.1 | 2234.8 | 2277.5 | 2330.0 | 2382.7 | 2403.4 | 2424.2 | 2399.3 |
| 2153.4 | 47.5° | 2114.0 | 2087.6 | 2114.0 | 2153.4 | 2193.0 | 2239.8 | 2286.6 | 2301.1 | 2315.5 | 2286.9 |
| 2117.8 | 50° | 2081.3 | 2055.9 | 2081.3 | 2117.8 | 2154.3 | 2191.8 | 2229.2 | 2229.8 | 2230.7 | 2193.9 |
| 2096.8 | 52.5° | 2064.2 | 2040.8 | 2064.2 | 2096.8 | 2129.6 | 2160.1 | 2190.6 | 2182.7 | 2174.9 | 2131.2 |
| 2072.5 | 55° | 2043.8 | 2022.7 | 2043.8 | 2072.5 | 2101.2 | 2127.8 | 2154.3 | 2143.5 | 2132.6 | 2086.3 |
| 2033.9 | 57.5° | 2005.3 | 1983.5 | 2005.3 | 2033.9 | 2062.3 | 2089.1 | 2116.0 | 2105.0 | 2094.0 | 2047.5 |
| 1981.0 | 60° | 1951.8 | 1929.1 | 1951.8 | 1981.0 | 2010.3 | 2036.4 | 2062.7 | 2050.6 | 2038.6 | 1991.8 |
| 1899.5 | 62.5° | 1868.7 | 1841.6 | 1868.7 | 1899.5 | 1930.3 | 1954.0 | 1977.7 | 1966.1 | 1954.5 | 1911.6 |
| 1787.5 | 65° | 1757.8 | 1734.4 | 1757.8 | 1787.5 | 1817.4 | 1840.2 | 1863.0 | 1851.2 | 1839.3 | 1801.6 |
| 1662.5 | 67.5° | 1634.8 | 1613.6 | 1634.8 | 1662.5 | 1690.3 | 1711.1 | 1732.1 | 1720.7 | 1709.0 | 1676.4 |
| 1531.5 | 70° | 1505.0 | 1480.8 | 1505.0 | 1531.5 | 1558.1 | 1575.1 | 1592.2 | 1581.0 | 1569.9 | 1540.4 |
| 1384.5 | 72.5° | 1359.3 | 1335.9 | 1359.3 | 1384.5 | 1409.9 | 1424.0 | 1438.2 | 1425.0 | 1411.7 | 1382.8 |
| 1219.5 | 75° | 1198.2 | 1175.9 | 1198.2 | 1219.5 | 1240.8 | 1247.7 | 1254.7 | 1240.8 | 1226.9 | 1200.6 |
| 1035.5 | 77.5° | 1014.1 | 996.3 | 1014.1 | 1035.5 | 1056.9 | 1066.9 | 1076.6 | 1063.6 | 1050.6 | 1023.1 |
| 838.4 | 80° | 809.4 | 775.9 | 809.4 | 838.4 | 867.2 | 871.3 | 875.5 | 858.3 | 841.1 | 820.3 |
| 625.5 | 82.5° | 601.1 | 579.6 | 601.1 | 625.5 | 649.8 | 651.8 | 653.6 | 624.3 | 595.0 | 550.4 |
| 390.1 | 85° | 371.0 | 351.7 | 371.0 | 390.1 | 409.1 | 412.1 | 415.1 | 378.9 | 342.7 | 300.7 |
| 162.7 | 87.5° | 152.8 | 143.4 | 152.8 | 162.7 | 172.4 | 176.3 | 179.9 | 165.3 | 150.6 | 133.0 |
| 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° |
|--------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 3933.7 | 0° | 3933.7 | 3933.7 | 3933.7 | 3933.7 | 3933.7 | 3933.7 | 3933.7 | 3933.7 | 3933.7 | 3933.7 |
| 3691.4 | 2.5° | 3714.2 | 3737.2 | 3760.0 | 3782.8 | 3808.7 | 3834.8 | 3863.7 | 3892.7 | 3928.4 | 3960.6 |
| 3502.8 | 5° | 3539.6 | 3576.3 | 3616.7 | 3657.2 | 3702.9 | 3748.8 | 3803.6 | 3858.2 | 3920.9 | 3984.3 |
| 3388.0 | 7.5° | 3432.9 | 3477.8 | 3528.9 | 3579.7 | 3640.1 | 3700.5 | 3773.1 | 3845.9 | 3926.9 | 4013.4 |
| 3366.9 | 10° | 3417.5 | 3468.0 | 3523.0 | 3577.8 | 3638.2 | 3698.5 | 3775.2 | 3851.9 | 3939.0 | 4045.7 |
| 3463.5 | 12.5° | 3515.7 | 3568.1 | 3611.0 | 3654.2 | 3694.0 | 3734.2 | 3796.6 | 3859.4 | 3940.5 | 4052.7 |
| 3665.0 | 15° | 3710.5 | 3755.9 | 3767.1 | 3778.2 | 3772.8 | 3767.4 | 3797.3 | 3827.3 | 3892.2 | 4016.4 |
| 3879.4 | 17.5° | 3915.9 | 3952.6 | 3917.7 | 3882.7 | 3816.9 | 3751.1 | 3740.2 | 3729.2 | 3769.2 | 3915.3 |
| 4013.0 | 20° | 4030.0 | 4046.9 | 3973.7 | 3900.5 | 3786.1 | 3671.8 | 3620.5 | 3569.2 | 3579.7 | 3749.9 |
| 4011.4 | 22.5° | 4001.3 | 3991.1 | 3895.8 | 3800.6 | 3669.9 | 3539.4 | 3463.5 | 3387.6 | 3366.9 | 3560.6 |
| 3878.6 | 25° | 3843.7 | 3808.7 | 3715.0 | 3621.2 | 3503.8 | 3386.5 | 3299.0 | 3211.4 | 3155.6 | 3354.1 |
| 3647.7 | 27.5° | 3608.6 | 3569.6 | 3494.4 | 3419.3 | 3323.0 | 3226.5 | 3142.0 | 3057.5 | 2989.5 | 3170.2 |
| 3404.6 | 30° | 3372.9 | 3341.2 | 3278.7 | 3216.4 | 3136.4 | 3056.4 | 2989.1 | 2922.1 | 2868.8 | 3020.5 |
| 3200.9 | 32.5° | 3165.5 | 3130.4 | 3070.4 | 3010.7 | 2946.7 | 2882.8 | 2843.1 | 2803.4 | 2779.7 | 2902.0 |
| 3013.7 | 35° | 2971.4 | 2929.1 | 2869.8 | 2810.7 | 2762.0 | 2713.3 | 2702.3 | 2691.4 | 2701.2 | 2803.1 |
| 2842.4 | 37.5° | 2790.1 | 2737.9 | 2678.7 | 2619.7 | 2584.8 | 2549.8 | 2561.9 | 2574.0 | 2609.9 | 2699.0 |
| 2675.6 | 40° | 2615.3 | 2555.3 | 2498.2 | 2441.1 | 2415.9 | 2390.7 | 2418.0 | 2445.4 | 2500.5 | 2581.2 |
| 2515.6 | 42.5° | 2450.6 | 2385.7 | 2331.5 | 2277.5 | 2256.8 | 2236.3 | 2272.5 | 2308.8 | 2378.2 | 2452.6 |
| 2374.4 | 45° | 2307.1 | 2239.8 | 2188.4 | 2137.1 | 2119.6 | 2102.4 | 2137.6 | 2172.9 | 2240.1 | 2315.5 |
| 2258.2 | 47.5° | 2191.8 | 2125.3 | 2075.2 | 2025.0 | 2008.8 | 1992.5 | 2022.1 | 2051.7 | 2109.5 | 2206.9 |
| 2157.0 | 50° | 2097.6 | 2038.1 | 1990.9 | 1943.5 | 1917.9 | 1892.6 | 1918.7 | 1945.0 | 2012.1 | 2140.1 |
| 2087.6 | 52.5° | 2032.1 | 1976.7 | 1933.3 | 1889.9 | 1851.8 | 1813.6 | 1839.5 | 1865.4 | 1959.3 | 2106.5 |
| 2040.1 | 55° | 1991.6 | 1943.0 | 1896.2 | 1849.4 | 1795.4 | 1741.2 | 1782.1 | 1823.2 | 1964.6 | 2101.5 |
| 2000.8 | 57.5° | 1952.7 | 1904.7 | 1849.7 | 1794.8 | 1736.5 | 1678.2 | 1738.0 | 1797.8 | 1969.9 | 2090.6 |
| 1945.0 | 60° | 1896.1 | 1847.3 | 1784.2 | 1721.1 | 1670.1 | 1618.9 | 1696.5 | 1773.9 | 1953.3 | 2033.0 |
| 1868.7 | 62.5° | 1816.7 | 1764.6 | 1690.9 | 1617.4 | 1585.0 | 1552.5 | 1649.3 | 1746.2 | 1912.5 | 1922.3 |
| 1763.8 | 65° | 1714.0 | 1664.2 | 1585.3 | 1506.5 | 1494.1 | 1481.6 | 1584.7 | 1687.6 | 1814.4 | 1813.2 |
| 1643.8 | 67.5° | 1596.7 | 1549.5 | 1476.6 | 1403.8 | 1407.7 | 1411.7 | 1497.4 | 1583.1 | 1654.4 | 1657.7 |
| 1511.0 | 70° | 1470.2 | 1429.5 | 1365.5 | 1301.5 | 1315.1 | 1328.6 | 1389.6 | 1450.6 | 1474.0 | 1474.0 |
| 1354.0 | 72.5° | 1317.2 | 1280.3 | 1230.1 | 1179.7 | 1199.4 | 1219.4 | 1261.2 | 1303.0 | 1302.7 | 1287.9 |
| 1174.4 | 75° | 1141.0 | 1107.7 | 1070.2 | 1032.8 | 1052.0 | 1071.0 | 1103.3 | 1135.4 | 1141.2 | 1072.9 |
| 995.5 | 77.5° | 966.8 | 938.1 | 907.8 | 877.3 | 896.6 | 916.0 | 941.8 | 967.6 | 970.6 | 858.1 |
| 799.3 | 80° | 775.1 | 751.0 | 725.8 | 700.4 | 716.7 | 732.9 | 754.6 | 776.2 | 776.6 | 642.3 |
| 505.7 | 82.5° | 514.1 | 522.6 | 524.7 | 526.8 | 538.3 | 549.8 | 560.3 | 570.9 | 564.5 | 449.8 |
| 258.9 | 85° | 282.3 | 305.7 | 316.7 | 327.6 | 340.4 | 353.2 | 364.5 | 375.9 | 367.6 | 282.3 |
| 115.5 | 87.5° | 133.4 | 151.3 | 151.7 | 152.2 | 154.6 | 157.0 | 161.5 | 166.0 | 155.5 | 120.0 |
| 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):

| 325° | | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|--------|-------|--------|--------|--------|--------|--------|---------|---------|
| 3933.7 | 0° | 3933.7 | 3933.7 | 3933.7 | 3933.7 | 3933.7 | 3933.7 | 3933.7 |
| 3993.8 | 2.5° | 4027.0 | 4061.7 | 4096.4 | 4130.8 | 4165.4 | 4197.9 | 4230.3 |
| 4051.4 | 5° | 4118.6 | 4190.5 | 4262.5 | 4333.9 | 4405.4 | 4477.1 | 4548.8 |
| 4107.1 | 7.5° | 4200.9 | 4307.3 | 4413.7 | 4523.0 | 4632.3 | 4750.5 | 4868.8 |
| 4156.8 | 10° | 4267.6 | 4397.0 | 4526.2 | 4670.5 | 4814.9 | 4964.5 | 5114.1 |
| 4178.1 | 12.5° | 4303.5 | 4456.0 | 4608.4 | 4772.1 | 4935.7 | 5099.9 | 5264.3 |
| 4161.6 | 15° | 4306.9 | 4482.4 | 4658.0 | 4835.5 | 5013.0 | 5184.3 | 5355.6 |
| 4089.9 | 17.5° | 4264.6 | 4468.4 | 4672.1 | 4865.8 | 5059.5 | 5233.2 | 5407.0 |
| 3966.3 | 20° | 4182.8 | 4429.7 | 4676.7 | 4889.5 | 5102.3 | 5283.0 | 5463.6 |
| 3821.3 | 22.5° | 4081.9 | 4382.3 | 4682.7 | 4921.5 | 5160.2 | 5344.8 | 5529.2 |
| 3659.3 | 25° | 3964.7 | 4335.5 | 4706.6 | 4979.5 | 5252.2 | 5432.9 | 5613.8 |
| 3511.2 | 27.5° | 3852.2 | 4304.3 | 4756.4 | 5070.0 | 5383.6 | 5556.1 | 5728.5 |
| 3387.4 | 30° | 3754.4 | 4289.6 | 4824.6 | 5187.3 | 5550.1 | 5716.6 | 5883.2 |
| 3280.7 | 32.5° | 3659.3 | 4271.5 | 4883.5 | 5309.8 | 5736.0 | 5900.9 | 6065.9 |
| 3175.8 | 35° | 3548.5 | 4237.4 | 4926.6 | 5449.2 | 5971.8 | 6129.9 | 6287.7 |
| 3052.3 | 37.5° | 3405.7 | 4179.0 | 4952.3 | 5605.5 | 6258.6 | 6460.0 | 6661.3 |
| 2905.0 | 40° | 3228.8 | 4098.5 | 4968.5 | 5803.8 | 6639.0 | 6932.4 | 7225.9 |
| 2742.4 | 42.5° | 3032.2 | 4015.5 | 4999.1 | 6063.3 | 7127.5 | 7551.0 | 7974.6 |
| 2569.7 | 45° | 2823.9 | 3938.4 | 5053.0 | 6404.7 | 7756.5 | 8327.8 | 8899.1 |
| 2433.1 | 47.5° | 2659.4 | 3874.7 | 5090.0 | 6768.5 | 8447.1 | 9251.3 | 10055.4 |
| 2342.4 | 50° | 2544.7 | 3805.3 | 5065.8 | 7106.0 | 9146.3 | 10358.7 | 11570.9 |
| 2282.6 | 52.5° | 2458.9 | 3688.0 | 4917.1 | 7325.2 | 9733.1 | 11521.9 | 13310.6 |
| 2239.3 | 55° | 2377.1 | 3493.5 | 4610.0 | 7276.9 | 9943.7 | 12553.2 | 15162.7 |
| 2188.0 | 57.5° | 2285.4 | 3219.4 | 4153.3 | 6937.0 | 9720.8 | 13284.0 | 16847.3 |
| 2109.5 | 60° | 2186.0 | 2863.5 | 3540.9 | 6304.3 | 9067.8 | 13466.7 | 17865.5 |
| 1973.0 | 62.5° | 2023.9 | 2437.5 | 2851.1 | 5448.9 | 8046.7 | 12697.6 | 17348.5 |
| 1837.2 | 65° | 1861.2 | 2054.3 | 2247.3 | 4576.1 | 6905.1 | 11609.4 | 16313.7 |
| 1644.4 | 67.5° | 1631.0 | 1685.9 | 1740.7 | 3721.2 | 5701.6 | 10314.4 | 14927.3 |
| 1412.0 | 70° | 1349.8 | 1334.2 | 1318.5 | 2929.9 | 4541.3 | 8901.4 | 13261.6 |
| 1199.9 | 72.5° | 1111.7 | 1064.3 | 1017.1 | 2239.9 | 3462.8 | 7369.6 | 11276.6 |
| 974.2 | 75° | 875.5 | 832.6 | 789.8 | 1625.7 | 2461.7 | 5613.6 | 8765.6 |
| 762.3 | 77.5° | 666.4 | 637.2 | 608.0 | 1101.6 | 1595.2 | 3929.0 | 6262.8 |
| 561.2 | 80° | 480.0 | 467.9 | 455.9 | 709.8 | 963.8 | 2531.4 | 4099.0 |
| 390.1 | 82.5° | 330.3 | 327.9 | 325.7 | 436.5 | 547.6 | 1465.1 | 2382.7 |
| 238.5 | 85° | 194.7 | 195.9 | 197.0 | 233.4 | 269.9 | 659.0 | 1048.3 |
| 102.0 | 87.5° | 84.2 | 85.3 | 86.3 | 96.8 | 107.2 | 215.9 | 324.5 |
| 0.0 | 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

(END OF REPORT)