

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: P957208

Luminaire Tested: **GALN-SB9C-850-U-SLL-HSS**

Issue Date: 1/21/2025

Test Information

Test Method: LM-79-08
Report Number: P957208
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2411-289-9)
Test Lab: INNOVATION CENTER
Issue Date: 1/21/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SB9C-850-U-SLL-HSS
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(9) 80 CRI, 5000K, 615mA LIGHTSQUARES WITH 26 LEDS EACH AND SPILL LIGHT
ELIMINATOR LEFT OPTICS WITH HOUSE SIDE SHIELD
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 49796 lumens
Efficiency: N/A
Efficacy: 110.7 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

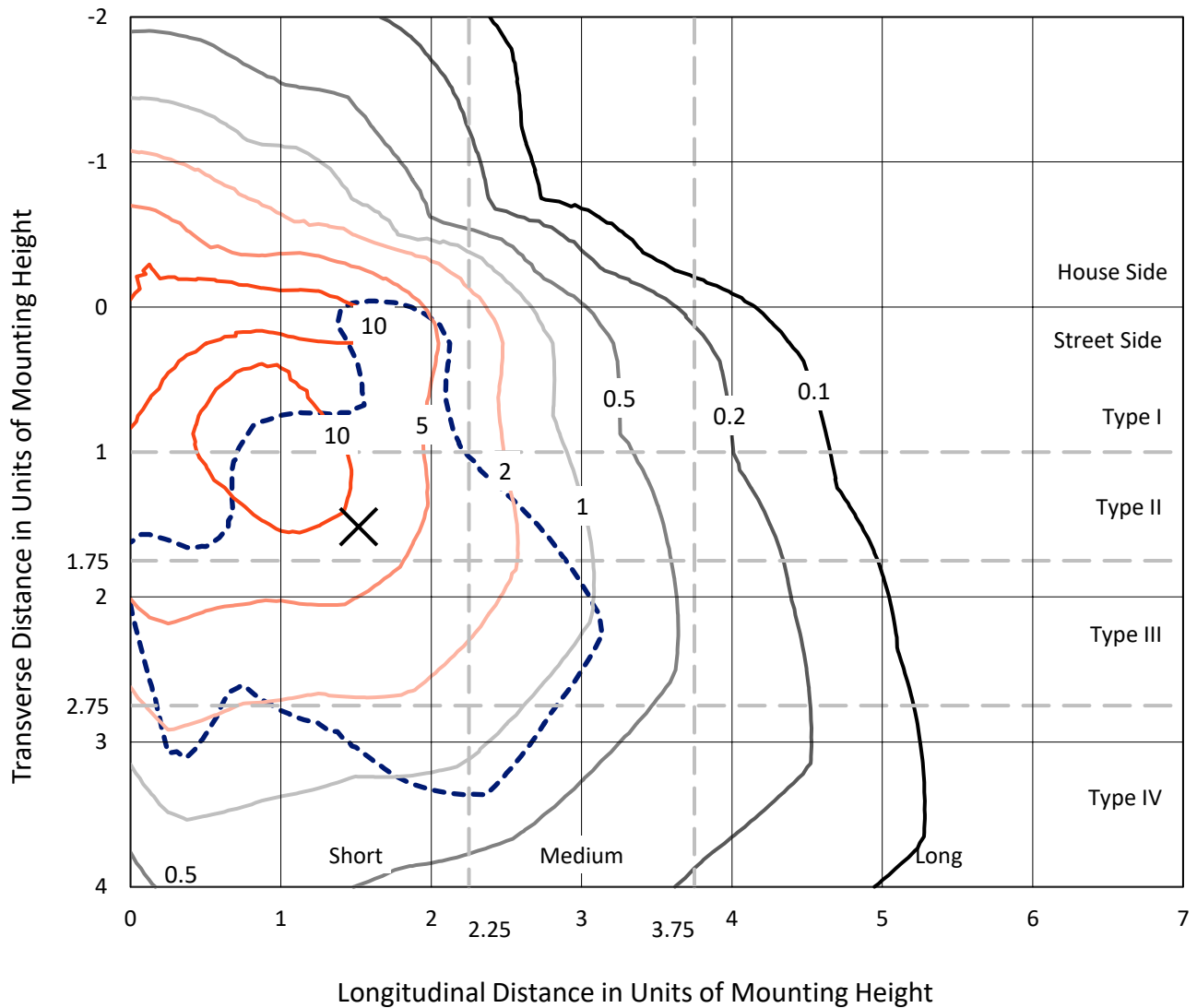
Input Watts (W): 449.8
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

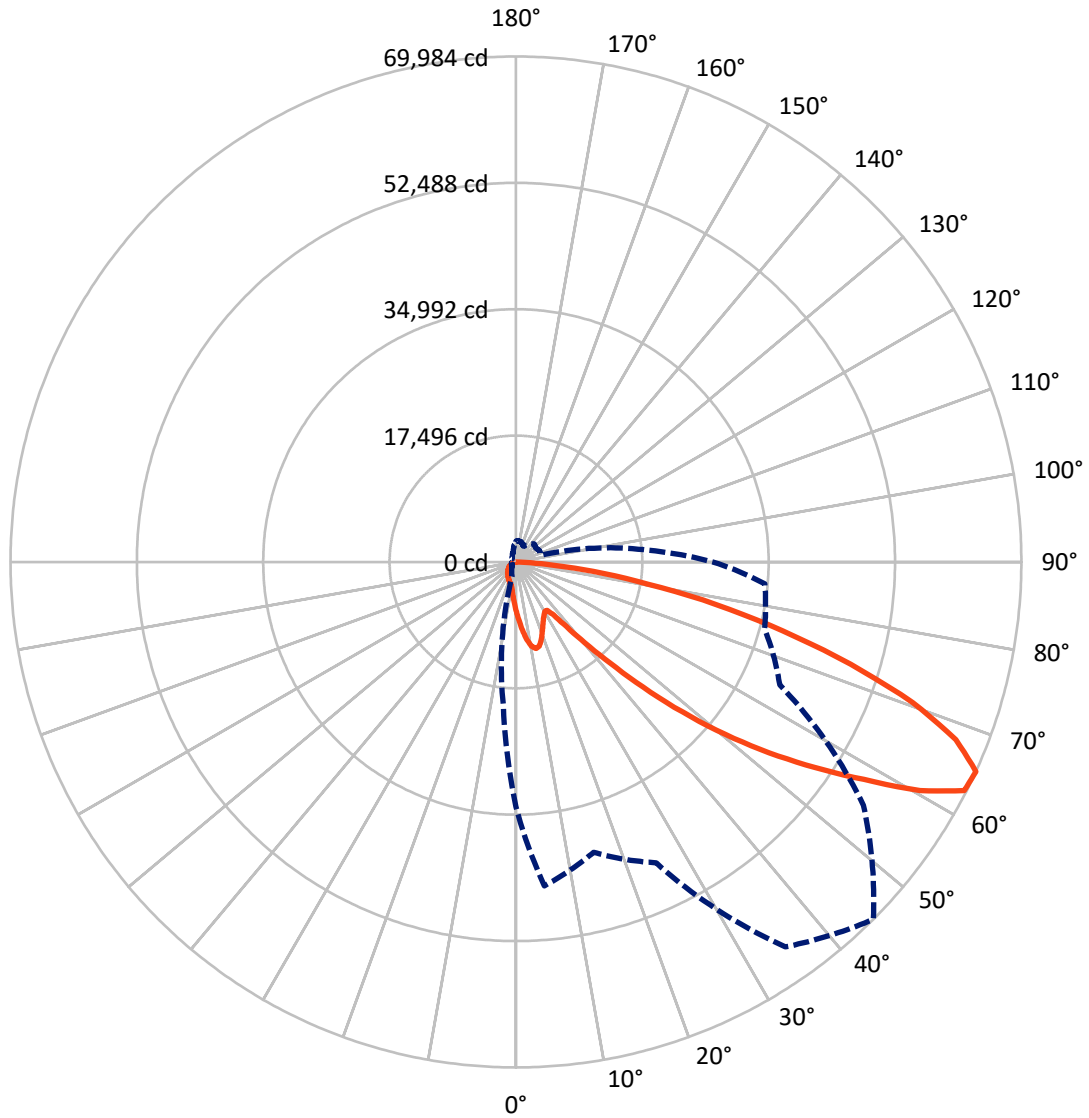
✕ Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 18.1 fc
 Type IV - Short - N/A

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Luminous Intensity Polar Plot



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

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FLUX DISTRIBUTION:

| | | Downward | Upward | Total |
|--------------------|-----------|----------|--------|---------|
| House Side | Lumens | 9897.9 | 0.0 | 9897.9 |
| | % Fixture | 19.9 | 0.0 | 19.9 |
| Street Side | Lumens | 39898.1 | 0.0 | 39898.1 |
| | % Fixture | 80.1 | 0.0 | 80.1 |
| Total | Lumens | 49796.0 | 0.0 | 49796.0 |
| | % Fixture | 100.0 | 0.0 | 100.0 |

Coefficient of Utilization

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|---------|-----------|
| 0°-10° | 678.9 | 1.4 |
| 10°-20° | 2035.0 | 4.1 |
| 20°-30° | 2998.0 | 6.0 |
| 30°-40° | 3851.6 | 7.7 |
| 40°-50° | 6229.1 | 12.5 |
| 50°-60° | 10923.4 | 21.9 |
| 60°-70° | 13668.1 | 27.4 |
| 70°-80° | 7987.0 | 16.0 |
| 80°-90° | 1425.0 | 2.9 |
| 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° | 49796.0 | 100.0 |
| 0°-180° | 49796.0 | 100.0 |



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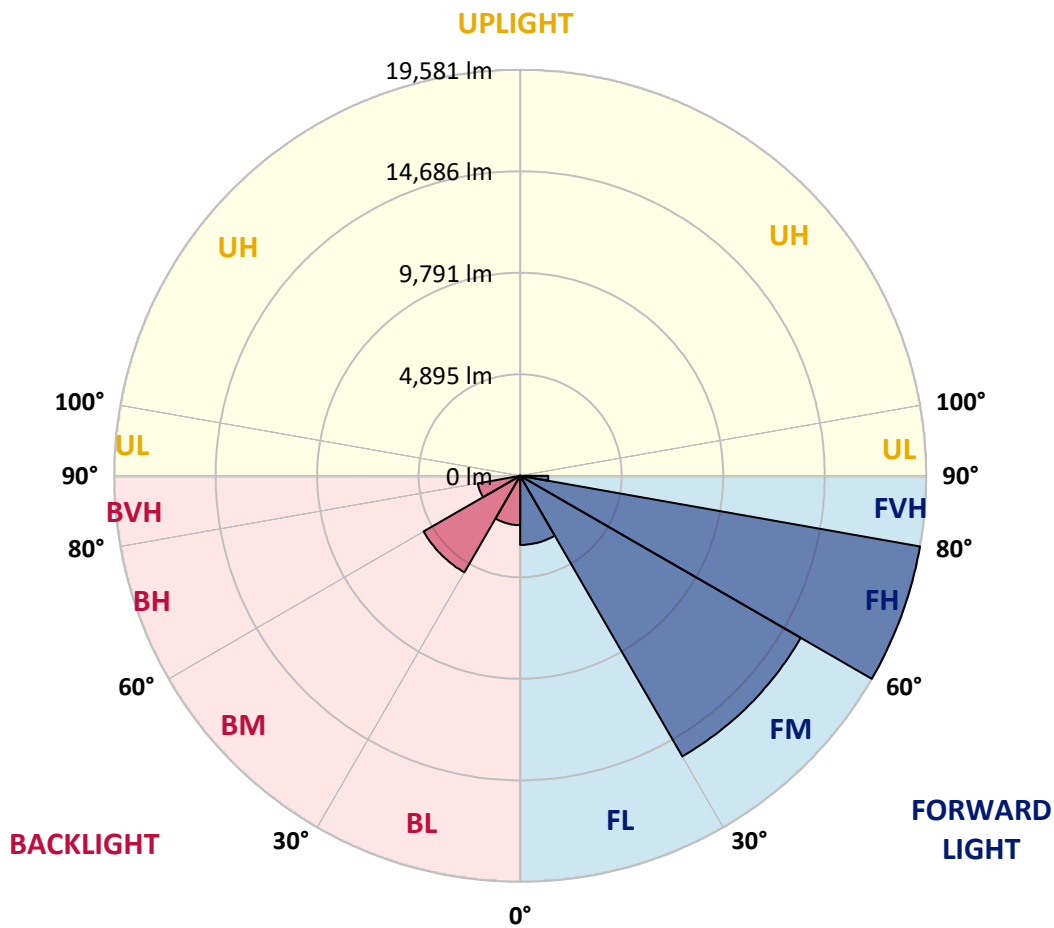
CATALOG NUMBER: GALN-SB9C-850-U-SLL-HSS

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

| Zone | Lumens | % Fixture | Zone Rating/Lumen Limit | | |
|----------------|---------|-----------|-------------------------|------|---------|
| | | | B | U | G |
| FL (0°-30°) | 3331.9 | 6.7 | | | |
| FM (30°-60°) | 15626.6 | 31.4 | | | |
| FH (60°-80°) | 19581.3 | 39.3 | | | G5 |
| FVH (80°-90°) | 1358.2 | 2.7 | | | G5 |
| BL (0°-30°) | 2379.9 | 4.8 | B3/2500 | | |
| BM (30°-60°) | 5377.5 | 10.8 | B4/8500 | | |
| BH (60°-80°) | 2073.8 | 4.2 | B3/2500 | | G3/2500 |
| BVH (80°-90°) | 66.8 | 0.1 | | | G1/100 |
| 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



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CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 15° | 25° | 35° | 45° | 55° | 65° | 75° | 85° |
|-------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0° | 6895.2 | 6895.2 | 6895.2 | 6895.2 | 6895.2 | 6895.2 | 6895.2 | 6895.2 | 6895.2 | 6895.2 |
| 2.5° | 7725.3 | 7783.6 | 7914.0 | 7982.6 | 8088.9 | 8095.8 | 8095.8 | 8003.2 | 7999.7 | 7811.1 |
| 5° | 8634.4 | 8771.6 | 9080.3 | 9399.4 | 9468.0 | 9485.1 | 9450.8 | 9265.6 | 9128.4 | 8761.3 |
| 7.5° | 9536.6 | 9800.7 | 10270.7 | 10696.1 | 10833.3 | 10833.3 | 10750.9 | 10449.1 | 10167.8 | 9636.1 |
| 10° | 10284.4 | 10617.2 | 11255.2 | 11732.1 | 11889.9 | 11855.5 | 11687.5 | 11306.7 | 10919.0 | 10274.1 |
| 12.5° | 10778.4 | 11152.3 | 11852.1 | 12236.3 | 12397.6 | 12308.4 | 12116.3 | 11745.8 | 11337.6 | 10658.3 |
| 15° | 11025.4 | 11416.5 | 12023.6 | 12226.0 | 12181.4 | 12088.8 | 12064.8 | 11886.4 | 11577.7 | 10943.1 |
| 17.5° | 11131.7 | 11495.4 | 11917.3 | 11790.4 | 11413.0 | 11341.0 | 11581.1 | 11807.5 | 11732.1 | 11190.0 |
| 20° | 11231.2 | 11536.5 | 11663.4 | 11100.9 | 10442.2 | 10377.0 | 10836.7 | 11481.6 | 11811.0 | 11419.9 |
| 22.5° | 11368.4 | 11557.1 | 11296.4 | 10373.6 | 9663.5 | 9512.6 | 10020.3 | 10991.1 | 11835.0 | 11711.5 |
| 25° | 11557.1 | 11608.6 | 10891.6 | 9684.1 | 8970.6 | 8819.6 | 9293.0 | 10445.6 | 11793.8 | 12027.1 |
| 27.5° | 11783.5 | 11677.2 | 10504.0 | 9107.8 | 8418.3 | 8277.6 | 8751.0 | 9920.8 | 11677.2 | 12342.7 |
| 30° | 12078.5 | 11766.4 | 10119.8 | 8661.8 | 8023.8 | 7920.8 | 8377.1 | 9468.0 | 11533.1 | 12744.0 |
| 32.5° | 12377.0 | 11804.1 | 9763.0 | 8401.1 | 7934.6 | 7972.3 | 8346.2 | 9224.4 | 11375.3 | 13128.2 |
| 35° | 12699.4 | 11924.2 | 9588.0 | 8658.4 | 8679.0 | 9008.3 | 9162.7 | 9450.8 | 11351.3 | 13649.7 |
| 37.5° | 13138.5 | 12191.7 | 9797.3 | 9937.9 | 10651.5 | 11334.1 | 11207.2 | 10558.8 | 11629.1 | 14428.4 |
| 40° | 13769.7 | 12661.7 | 10709.8 | 12116.3 | 13581.0 | 14689.1 | 14205.4 | 12572.5 | 12479.9 | 15550.1 |
| 42.5° | 14689.1 | 13409.5 | 12328.9 | 14778.3 | 17261.9 | 19086.9 | 17790.2 | 15169.3 | 13968.7 | 17152.1 |
| 45° | 16047.5 | 14620.5 | 14287.7 | 17587.8 | 21800.3 | 24675.0 | 21978.7 | 17937.7 | 16054.4 | 19577.4 |
| 47.5° | 17930.8 | 16400.9 | 16123.0 | 20548.2 | 27316.5 | 31035.0 | 26623.5 | 20503.6 | 18428.2 | 22884.4 |
| 50° | 20431.6 | 18798.7 | 17862.2 | 23786.6 | 33364.3 | 37518.5 | 31264.9 | 22980.4 | 21148.6 | 26925.4 |
| 52.5° | 23731.7 | 22143.4 | 19889.6 | 26870.5 | 39583.7 | 43864.8 | 35926.8 | 25155.3 | 24524.1 | 31614.8 |
| 55° | 28232.4 | 27175.8 | 22661.4 | 29813.8 | 45799.6 | 50248.9 | 40407.0 | 27206.7 | 28983.7 | 37185.8 |
| 57.5° | 33817.1 | 34571.8 | 26657.8 | 33227.1 | 51387.8 | 56828.4 | 44907.7 | 30074.5 | 34774.2 | 43415.4 |
| 60° | 37419.1 | 44406.8 | 34311.1 | 38273.2 | 57737.5 | 64269.0 | 51075.6 | 35528.9 | 40859.8 | 45648.7 |
| 62.5° | 36547.7 | 47535.4 | 43477.2 | 44715.6 | 63576.1 | 69678.8 | 57120.0 | 41007.3 | 42005.5 | 42358.9 |
| 65° | 33875.4 | 45010.6 | 41607.6 | 45967.7 | 65054.6 | 69984.1 | 58735.7 | 40300.6 | 35631.8 | 34582.1 |
| 67.5° | 30198.0 | 42015.8 | 37165.2 | 42647.0 | 62382.3 | 65716.6 | 55727.2 | 35649.0 | 27536.0 | 25951.2 |
| 70° | 26229.0 | 38702.0 | 34249.4 | 38921.6 | 57288.1 | 58279.5 | 50612.5 | 31354.1 | 20253.2 | 17526.0 |
| 72.5° | 22462.4 | 35251.0 | 32252.8 | 35103.5 | 50492.4 | 48441.0 | 43954.0 | 27556.6 | 14747.4 | 12641.1 |
| 75° | 18610.1 | 30160.3 | 29409.0 | 30568.5 | 41556.2 | 38156.6 | 36520.3 | 22815.8 | 11574.3 | 9145.5 |
| 77.5° | 14359.8 | 23567.0 | 25295.9 | 24479.5 | 29251.2 | 28342.2 | 28307.9 | 17145.3 | 8456.0 | 6102.7 |
| 80° | 9828.2 | 16424.9 | 19762.7 | 17268.8 | 18984.0 | 18520.9 | 21320.1 | 11502.2 | 6133.6 | 3674.0 |
| 82.5° | 5776.8 | 9999.7 | 13756.0 | 8359.9 | 10497.1 | 10775.0 | 12696.0 | 5595.0 | 3608.8 | 847.3 |
| 85° | 2343.0 | 3948.4 | 5378.9 | 3272.6 | 5063.3 | 4270.9 | 4819.7 | 1571.1 | 1005.1 | 20.6 |
| 87.5° | 590.0 | 1262.4 | 885.0 | 367.1 | 586.6 | 538.6 | 425.4 | 192.1 | 41.2 | 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):

| 90° | | 95° | 105° | 115° | 125° | 135° | 145° | 155° | 165° | 175° | 180° |
|---------|-------|---------|---------|--------|--------|--------|--------|--------|--------|--------|--------|
| 6895.2 | 0° | 6895.2 | 6895.2 | 6895.2 | 6895.2 | 6895.2 | 6895.2 | 6895.2 | 6895.2 | 6895.2 | 6895.2 |
| 7790.5 | 2.5° | 7656.7 | 7577.8 | 7382.3 | 7186.7 | 7028.9 | 6816.3 | 6675.6 | 6507.5 | 6346.3 | 6202.2 |
| 8682.4 | 5° | 8466.3 | 8205.6 | 7848.8 | 7522.9 | 7190.2 | 6867.7 | 6548.7 | 6212.5 | 5903.8 | 5715.1 |
| 9437.1 | 7.5° | 9124.9 | 8665.3 | 8191.9 | 7776.8 | 7375.4 | 6998.1 | 6576.1 | 6167.9 | 5684.2 | 5426.9 |
| 10013.4 | 10° | 9615.5 | 9011.7 | 8390.8 | 7914.0 | 7509.2 | 7142.1 | 6785.4 | 6373.7 | 5790.6 | 5468.1 |
| 10363.3 | 12.5° | 9937.9 | 9221.0 | 8493.7 | 7948.3 | 7495.5 | 7210.8 | 7053.0 | 6891.7 | 6312.0 | 5934.6 |
| 10620.6 | 15° | 10160.9 | 9368.5 | 8565.8 | 7869.4 | 7313.7 | 7104.4 | 7262.2 | 7447.5 | 7077.0 | 6641.3 |
| 10888.2 | 17.5° | 10404.5 | 9560.6 | 8596.6 | 7656.7 | 6960.3 | 6871.1 | 7279.4 | 7708.2 | 7691.0 | 7258.8 |
| 11142.0 | 20° | 10661.8 | 9728.7 | 8576.1 | 7313.7 | 6531.5 | 6610.4 | 7131.9 | 7629.3 | 7838.5 | 7605.3 |
| 11433.6 | 22.5° | 10925.9 | 9889.9 | 8497.2 | 6867.7 | 6130.2 | 6377.2 | 6898.6 | 7334.2 | 7581.2 | 7509.2 |
| 11790.4 | 25° | 11258.7 | 10116.3 | 8380.5 | 6387.4 | 5797.4 | 6140.5 | 6627.6 | 6980.9 | 7152.4 | 7149.0 |
| 12174.6 | 27.5° | 11656.6 | 10418.2 | 8318.8 | 5999.8 | 5560.7 | 5872.9 | 6305.1 | 6620.7 | 6740.8 | 6740.8 |
| 12651.4 | 30° | 12119.7 | 10775.0 | 8250.2 | 5746.0 | 5423.5 | 5595.0 | 5931.2 | 6239.9 | 6360.0 | 6360.0 |
| 13172.8 | 32.5° | 12634.3 | 11118.0 | 8085.5 | 5591.6 | 5320.6 | 5324.0 | 5536.7 | 5818.0 | 5962.1 | 5982.7 |
| 13824.6 | 35° | 13251.7 | 11485.1 | 7725.3 | 5468.1 | 5200.5 | 5059.9 | 5162.8 | 5396.1 | 5567.6 | 5612.2 |
| 14754.3 | 37.5° | 14061.3 | 11934.4 | 7210.8 | 5286.3 | 5015.3 | 4782.0 | 4806.0 | 4984.4 | 5173.1 | 5241.7 |
| 16037.2 | 40° | 15148.8 | 12462.7 | 6675.6 | 5025.6 | 4754.6 | 4476.7 | 4466.4 | 4596.8 | 4782.0 | 4857.5 |
| 17773.0 | 42.5° | 16586.1 | 13097.4 | 6164.5 | 4775.2 | 4439.0 | 4154.2 | 4137.1 | 4240.0 | 4401.2 | 4480.1 |
| 20064.6 | 45° | 18424.8 | 13876.1 | 5725.4 | 4579.6 | 4130.2 | 3848.9 | 3842.1 | 3927.8 | 4068.5 | 4150.8 |
| 22997.6 | 47.5° | 20980.5 | 14654.8 | 5426.9 | 4476.7 | 3886.7 | 3598.5 | 3612.2 | 3687.7 | 3814.6 | 3872.9 |
| 26795.0 | 50° | 24311.4 | 14891.5 | 5276.0 | 4476.7 | 3756.3 | 3375.5 | 3444.1 | 3505.9 | 3601.9 | 3636.2 |
| 31347.2 | 52.5° | 27508.6 | 14109.3 | 5138.8 | 4504.1 | 3773.5 | 3186.9 | 3334.4 | 3379.0 | 3461.3 | 3475.0 |
| 35566.6 | 55° | 29076.3 | 12130.0 | 4950.1 | 4511.0 | 3879.8 | 3025.6 | 3245.2 | 3327.5 | 3358.4 | 3355.0 |
| 38016.0 | 57.5° | 28537.7 | 9807.6 | 4631.1 | 4483.6 | 3951.8 | 2922.7 | 3135.4 | 3293.2 | 3313.8 | 3282.9 |
| 37549.4 | 60° | 26647.5 | 7221.0 | 4387.5 | 4281.2 | 3924.4 | 2891.8 | 2967.3 | 3217.7 | 3248.6 | 3207.4 |
| 33954.3 | 62.5° | 23477.8 | 5011.8 | 4198.8 | 3835.2 | 3804.3 | 2881.6 | 2703.2 | 3053.1 | 3128.5 | 3070.2 |
| 27292.5 | 65° | 18483.1 | 3540.2 | 3615.7 | 3361.8 | 3543.6 | 2826.7 | 2428.7 | 2854.1 | 2957.0 | 2867.8 |
| 19800.4 | 67.5° | 12507.3 | 2555.7 | 2929.6 | 3046.2 | 3121.7 | 2703.2 | 2229.8 | 2627.7 | 2764.9 | 2648.3 |
| 12706.3 | 70° | 6754.5 | 1794.1 | 1934.8 | 2566.0 | 2651.7 | 2490.5 | 2051.4 | 2397.9 | 2555.7 | 2428.7 |
| 9032.3 | 72.5° | 3989.6 | 1289.8 | 1355.0 | 2061.7 | 2209.2 | 2192.0 | 1852.4 | 2130.3 | 2322.4 | 2171.5 |
| 6233.1 | 75° | 2198.9 | 871.3 | 967.4 | 1495.7 | 1794.1 | 1691.2 | 1591.7 | 1804.4 | 1999.9 | 1852.4 |
| 3907.3 | 77.5° | 984.5 | 521.4 | 672.4 | 981.1 | 1409.9 | 1159.5 | 1231.5 | 1406.5 | 1588.3 | 1433.9 |
| 2174.9 | 80° | 380.8 | 291.6 | 446.0 | 535.1 | 1025.7 | 641.5 | 792.4 | 1036.0 | 1166.3 | 1042.8 |
| 473.4 | 82.5° | 48.0 | 130.4 | 192.1 | 209.3 | 596.9 | 339.6 | 459.7 | 651.8 | 641.5 | 555.7 |
| 0.0 | 85° | 0.0 | 24.0 | 27.4 | 13.7 | 257.3 | 123.5 | 150.9 | 212.7 | 199.0 | 150.9 |
| 0.0 | 87.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 6.9 | 0.0 |
| 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):

| 185° | | 195° | 205° | 215° | 225° | 235° | 245° | 255° | 265° | 270° | 275° |
|--------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 6895.2 | 0° | 6895.2 | 6895.2 | 6895.2 | 6895.2 | 6895.2 | 6895.2 | 6895.2 | 6895.2 | 6895.2 | 6895.2 |
| 6174.8 | 2.5° | 6006.7 | 5883.2 | 5821.4 | 5770.0 | 5818.0 | 5845.4 | 5845.4 | 5962.1 | 6030.7 | 6058.1 |
| 5595.0 | 5° | 5293.1 | 5063.3 | 4908.9 | 4816.3 | 4847.2 | 4881.5 | 4919.2 | 5066.7 | 5166.2 | 5231.4 |
| 5193.7 | 7.5° | 4730.6 | 4380.7 | 4164.5 | 4051.3 | 4068.5 | 4092.5 | 4123.4 | 4267.4 | 4366.9 | 4452.7 |
| 5118.2 | 10° | 4452.7 | 3958.7 | 3674.0 | 3536.8 | 3512.8 | 3499.0 | 3488.7 | 3574.5 | 3650.0 | 3718.6 |
| 5426.9 | 12.5° | 4466.4 | 3776.9 | 3430.4 | 3262.3 | 3190.3 | 3108.0 | 3042.8 | 3056.5 | 3104.5 | 3190.3 |
| 5979.2 | 15° | 4641.4 | 3718.6 | 3303.5 | 3094.2 | 2974.2 | 2878.1 | 2799.2 | 2782.1 | 2799.2 | 2812.9 |
| 6610.4 | 17.5° | 4878.1 | 3711.7 | 3193.7 | 2933.0 | 2809.5 | 2730.6 | 2658.6 | 2634.6 | 2638.0 | 2655.1 |
| 7028.9 | 20° | 5066.7 | 3691.1 | 3070.2 | 2778.6 | 2668.9 | 2600.3 | 2528.2 | 2504.2 | 2511.1 | 2514.5 |
| 7070.1 | 22.5° | 5166.2 | 3660.3 | 2933.0 | 2624.3 | 2531.7 | 2463.0 | 2397.9 | 2394.4 | 2394.4 | 2415.0 |
| 6847.1 | 25° | 5166.2 | 3595.1 | 2809.5 | 2476.8 | 2394.4 | 2332.7 | 2253.8 | 2267.5 | 2274.4 | 2301.8 |
| 6500.7 | 27.5° | 5042.7 | 3471.6 | 2710.0 | 2349.8 | 2264.1 | 2202.3 | 2130.3 | 2147.4 | 2157.7 | 2188.6 |
| 6157.6 | 30° | 4884.9 | 3324.1 | 2596.8 | 2229.8 | 2130.3 | 2085.7 | 2024.0 | 2030.8 | 2044.5 | 2078.8 |
| 5838.6 | 32.5° | 4716.8 | 3149.1 | 2504.2 | 2109.7 | 2010.2 | 1975.9 | 1907.3 | 1917.6 | 1931.3 | 1969.1 |
| 5523.0 | 35° | 4531.6 | 2943.3 | 2394.4 | 1999.9 | 1900.5 | 1873.0 | 1794.1 | 1801.0 | 1821.6 | 1862.7 |
| 5183.4 | 37.5° | 4336.1 | 2775.2 | 2284.7 | 1893.6 | 1790.7 | 1763.2 | 1680.9 | 1687.8 | 1711.8 | 1759.8 |
| 4826.6 | 40° | 4144.0 | 2610.6 | 2168.0 | 1780.4 | 1677.5 | 1653.5 | 1564.3 | 1571.1 | 1598.6 | 1650.0 |
| 4466.4 | 42.5° | 3934.7 | 2483.6 | 2017.1 | 1663.8 | 1554.0 | 1530.0 | 1447.6 | 1457.9 | 1488.8 | 1540.3 |
| 4133.7 | 45° | 3684.3 | 2401.3 | 1849.0 | 1554.0 | 1430.5 | 1406.5 | 1331.0 | 1351.6 | 1385.9 | 1437.3 |
| 3848.9 | 47.5° | 3427.0 | 2367.0 | 1708.4 | 1437.3 | 1303.6 | 1283.0 | 1221.2 | 1255.5 | 1293.3 | 1334.4 |
| 3605.4 | 50° | 3180.0 | 2322.4 | 1564.3 | 1327.6 | 1193.8 | 1173.2 | 1132.0 | 1176.6 | 1214.4 | 1252.1 |
| 3430.4 | 52.5° | 2898.7 | 2226.3 | 1433.9 | 1231.5 | 1101.2 | 1094.3 | 1073.7 | 1114.9 | 1149.2 | 1183.5 |
| 3279.5 | 55° | 2607.1 | 2072.0 | 1320.7 | 1145.8 | 1022.3 | 1029.1 | 1018.8 | 1053.1 | 1080.6 | 1111.5 |
| 3142.3 | 57.5° | 2353.3 | 1876.4 | 1231.5 | 1053.1 | 953.7 | 974.2 | 960.5 | 977.7 | 994.8 | 1032.6 |
| 2977.6 | 60° | 2096.0 | 1643.2 | 1132.0 | 943.4 | 885.0 | 909.1 | 871.3 | 867.9 | 874.8 | 885.0 |
| 2734.0 | 62.5° | 1749.5 | 1399.6 | 1008.5 | 847.3 | 809.6 | 819.9 | 747.8 | 692.9 | 692.9 | 703.2 |
| 2394.4 | 65° | 1406.5 | 1173.2 | 871.3 | 737.5 | 706.7 | 699.8 | 596.9 | 521.4 | 514.6 | 545.4 |
| 1999.9 | 67.5° | 1156.1 | 974.2 | 734.1 | 614.0 | 593.5 | 600.3 | 524.9 | 449.4 | 442.5 | 476.8 |
| 1629.5 | 70° | 957.1 | 785.6 | 586.6 | 473.4 | 494.0 | 524.9 | 449.4 | 377.3 | 367.1 | 397.9 |
| 1324.1 | 72.5° | 761.6 | 614.0 | 449.4 | 349.9 | 408.2 | 446.0 | 367.1 | 298.4 | 291.6 | 319.0 |
| 1022.3 | 75° | 559.2 | 439.1 | 305.3 | 253.9 | 315.6 | 349.9 | 267.6 | 212.7 | 202.4 | 226.4 |
| 682.7 | 77.5° | 346.5 | 247.0 | 192.1 | 150.9 | 216.1 | 233.3 | 140.6 | 123.5 | 120.1 | 137.2 |
| 415.1 | 80° | 161.2 | 106.3 | 92.6 | 51.5 | 78.9 | 92.6 | 58.3 | 65.2 | 68.6 | 82.3 |
| 209.3 | 82.5° | 44.6 | 17.2 | 3.4 | 0.0 | 0.0 | 27.4 | 13.7 | 27.4 | 34.3 | 51.5 |
| 17.2 | 85° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 6.9 | 17.2 | 30.9 |
| 0.0 | 87.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 13.7 |
| 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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