

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: P949921

Luminaire Tested: **GALN-SB4C-740-U-SLL-HSS**

Issue Date: 1/21/2025

Test Information

Test Method: LM-79-08
Report Number: P949921
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-SB4C-740-U-SLL-HSS
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(4) 70 CRI, 4000K, 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: 24235 lumens
Efficiency: N/A
Efficacy: 120.8 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B3 - U0 - G4

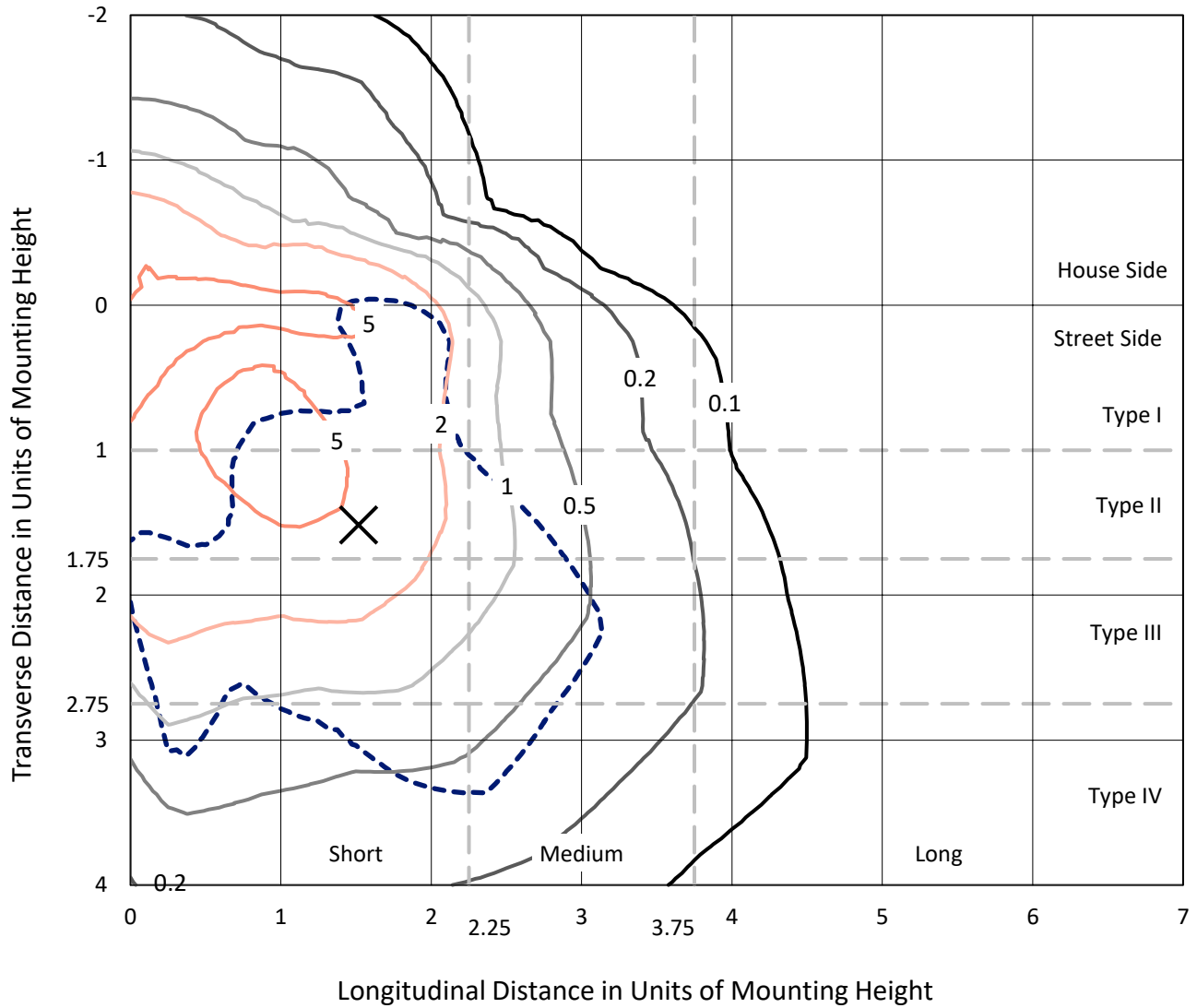
Input Watts (W): 200.7
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



REPORT NUMBER: P949921
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Iso-Footcandle Lines of Horizontal Illumination

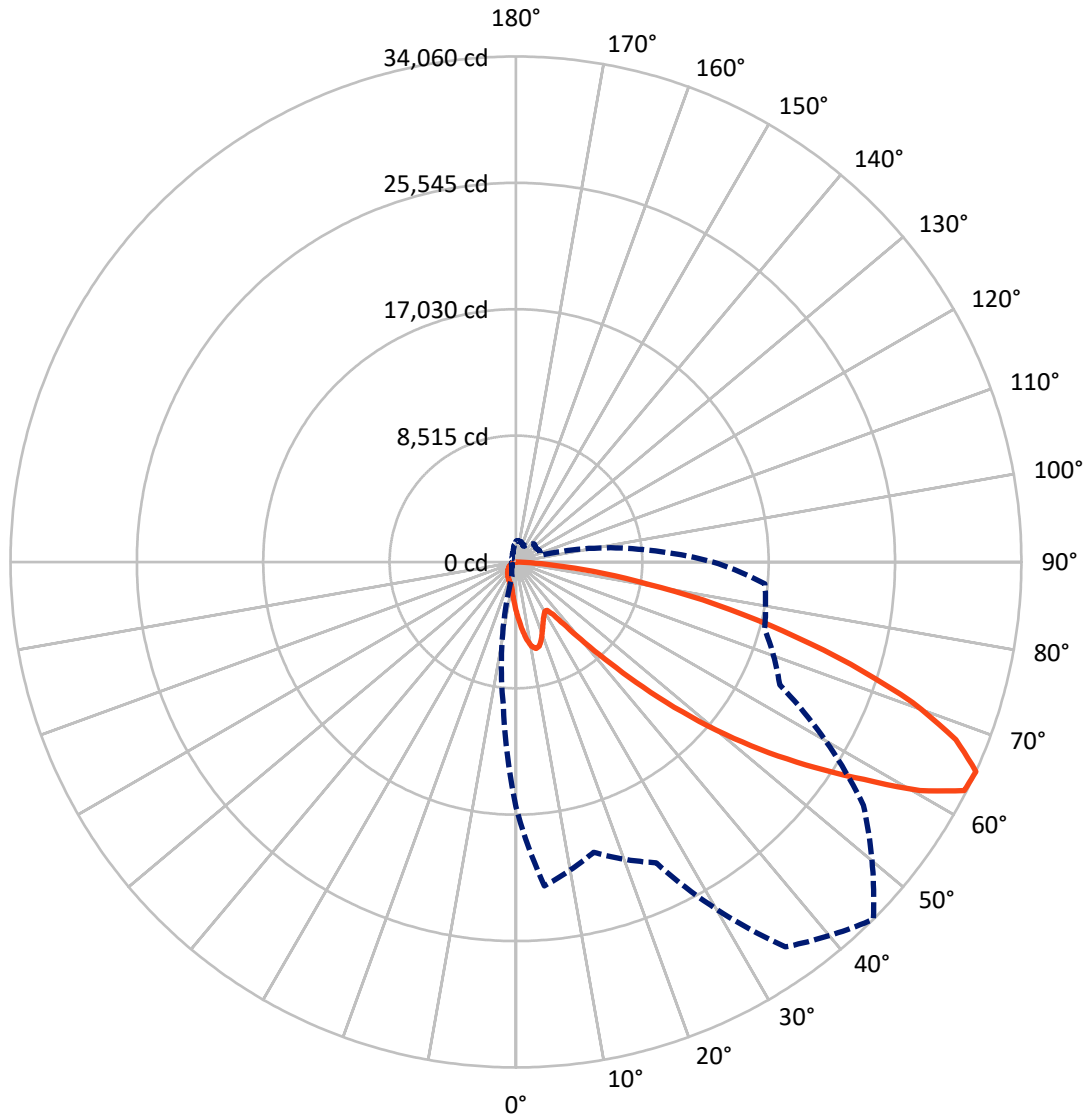
✕ Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 8.8 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 | 4817.2 | 0.0 | 4817.2 |
| | % Fixture | 19.9 | 0.0 | 19.9 |
| Street Side | Lumens | 19417.8 | 0.0 | 19417.8 |
| | % Fixture | 80.1 | 0.0 | 80.1 |
| Total | Lumens | 24235.0 | 0.0 | 24235.0 |
| | % Fixture | 100.0 | 0.0 | 100.0 |

Coefficient of Utilization

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|---------|-----------|
| 0°-10° | 330.4 | 1.4 |
| 10°-20° | 990.4 | 4.1 |
| 20°-30° | 1459.1 | 6.0 |
| 30°-40° | 1874.5 | 7.7 |
| 40°-50° | 3031.6 | 12.5 |
| 50°-60° | 5316.2 | 21.9 |
| 60°-70° | 6652.1 | 27.4 |
| 70°-80° | 3887.2 | 16.0 |
| 80°-90° | 693.5 | 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° | 24235.0 | 100.0 |
| 0°-180° | 24235.0 | 100.0 |



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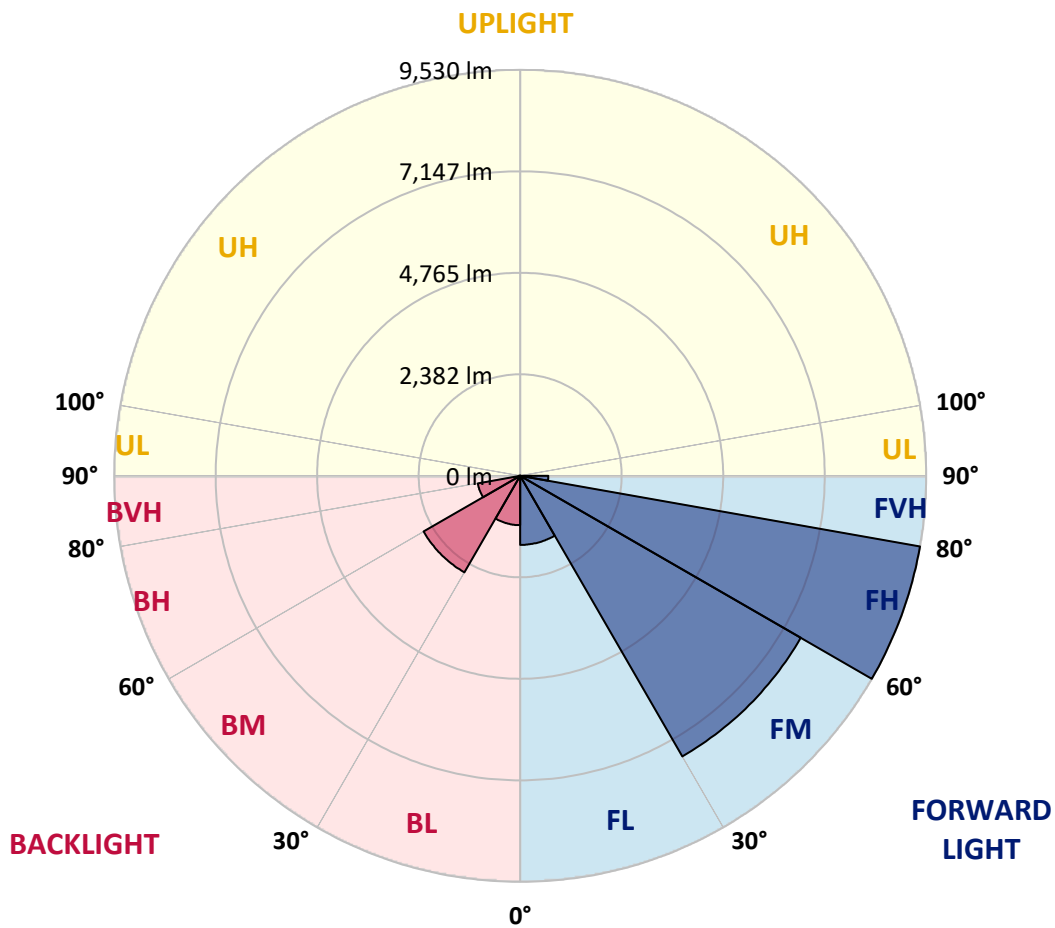
CATALOG NUMBER: GALN-SB4C-740-U-SLL-HSS

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

| Zone | Lumens | % Fixture | Zone Rating/Lumen Limit | | |
|----------------|--------|-----------|-------------------------|------|----------|
| | | | B | U | G |
| FL (0°-30°) | 1621.6 | 6.7 | | | |
| FM (30°-60°) | 7605.2 | 31.4 | | | |
| FH (60°-80°) | 9530.0 | 39.3 | | | G4/12000 |
| FVH (80°-90°) | 661.0 | 2.7 | | | G4/750 |
| BL (0°-30°) | 1158.2 | 4.8 | B3/2500 | | |
| BM (30°-60°) | 2617.1 | 10.8 | B3/5000 | | |
| BH (60°-80°) | 1009.3 | 4.2 | B3/2500 | | G3/2500 |
| BVH (80°-90°) | 32.5 | 0.1 | | | G1/100 |
| UL (90°-100°) | 0.0 | 0.0 | | U0/0 | |
| UH (100°-180°) | 0.0 | 0.0 | | U0/0 | |

BUG Rating: B3-U0-G4

Type IV Short



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CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 15° | 25° | 35° | 45° | 55° | 65° | 75° | 85° |
|-------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0° | 3355.8 | 3355.8 | 3355.8 | 3355.8 | 3355.8 | 3355.8 | 3355.8 | 3355.8 | 3355.8 | 3355.8 |
| 2.5° | 3759.8 | 3788.2 | 3851.6 | 3885.0 | 3936.8 | 3940.1 | 3940.1 | 3895.0 | 3893.4 | 3801.5 |
| 5° | 4202.2 | 4269.0 | 4419.3 | 4574.5 | 4607.9 | 4616.3 | 4599.6 | 4509.4 | 4442.6 | 4264.0 |
| 7.5° | 4641.3 | 4769.9 | 4998.6 | 5205.6 | 5272.4 | 5272.4 | 5232.3 | 5085.4 | 4948.5 | 4689.7 |
| 10° | 5005.3 | 5167.2 | 5477.8 | 5709.8 | 5786.6 | 5769.9 | 5688.1 | 5502.8 | 5314.1 | 5000.3 |
| 12.5° | 5245.7 | 5427.7 | 5768.3 | 5955.2 | 6033.7 | 5990.3 | 5896.8 | 5716.5 | 5517.8 | 5187.3 |
| 15° | 5365.9 | 5556.2 | 5851.7 | 5950.2 | 5928.5 | 5883.5 | 5871.8 | 5785.0 | 5634.7 | 5325.8 |
| 17.5° | 5417.7 | 5594.6 | 5800.0 | 5738.2 | 5554.6 | 5519.5 | 5636.4 | 5746.6 | 5709.8 | 5446.0 |
| 20° | 5466.1 | 5614.7 | 5676.4 | 5402.6 | 5082.1 | 5050.4 | 5274.1 | 5587.9 | 5748.2 | 5557.9 |
| 22.5° | 5532.9 | 5624.7 | 5497.8 | 5048.7 | 4703.1 | 4629.6 | 4876.7 | 5349.2 | 5759.9 | 5699.8 |
| 25° | 5624.7 | 5649.7 | 5300.8 | 4713.1 | 4365.8 | 4292.4 | 4522.8 | 5083.7 | 5739.9 | 5853.4 |
| 27.5° | 5734.9 | 5683.1 | 5112.1 | 4432.6 | 4097.0 | 4028.6 | 4259.0 | 4828.3 | 5683.1 | 6007.0 |
| 30° | 5878.4 | 5726.5 | 4925.1 | 4215.6 | 3905.1 | 3855.0 | 4077.0 | 4607.9 | 5613.0 | 6202.3 |
| 32.5° | 6023.7 | 5744.9 | 4751.5 | 4088.7 | 3861.6 | 3880.0 | 4062.0 | 4489.4 | 5536.2 | 6389.3 |
| 35° | 6180.6 | 5803.3 | 4666.4 | 4213.9 | 4223.9 | 4384.2 | 4459.3 | 4599.6 | 5524.5 | 6643.1 |
| 37.5° | 6394.3 | 5933.5 | 4768.2 | 4836.7 | 5183.9 | 5516.2 | 5454.4 | 5138.8 | 5659.7 | 7022.1 |
| 40° | 6701.5 | 6162.3 | 5212.3 | 5896.8 | 6609.7 | 7149.0 | 6913.6 | 6118.9 | 6073.8 | 7568.0 |
| 42.5° | 7149.0 | 6526.2 | 6000.3 | 7192.4 | 8401.1 | 9289.3 | 8658.2 | 7382.7 | 6798.4 | 8347.7 |
| 45° | 7810.1 | 7115.6 | 6953.6 | 8559.7 | 10609.9 | 12009.0 | 10696.7 | 8730.0 | 7813.4 | 9528.1 |
| 47.5° | 8726.7 | 7982.1 | 7846.8 | 10000.5 | 13294.5 | 15104.3 | 12957.3 | 9978.8 | 8968.8 | 11137.5 |
| 50° | 9943.8 | 9149.1 | 8693.3 | 11576.6 | 16237.9 | 18259.7 | 15216.2 | 11184.2 | 10292.7 | 13104.2 |
| 52.5° | 11549.9 | 10776.9 | 9680.0 | 13077.5 | 19264.8 | 21348.4 | 17485.1 | 12242.7 | 11935.5 | 15386.5 |
| 55° | 13740.3 | 13226.1 | 11029.0 | 14510.0 | 22290.0 | 24455.4 | 19665.5 | 13241.1 | 14105.9 | 18097.8 |
| 57.5° | 16458.3 | 16825.6 | 12974.0 | 16171.1 | 25009.7 | 27657.6 | 21855.9 | 14636.8 | 16924.1 | 21129.7 |
| 60° | 18211.3 | 21612.2 | 16698.7 | 18627.0 | 28100.0 | 31278.8 | 24857.8 | 17291.4 | 19885.9 | 22216.5 |
| 62.5° | 17787.3 | 23134.8 | 21159.7 | 21762.4 | 30941.6 | 33911.7 | 27799.5 | 19957.7 | 20443.5 | 20615.5 |
| 65° | 16486.7 | 21906.0 | 20249.8 | 22371.8 | 31661.1 | 34060.3 | 28585.8 | 19613.7 | 17341.5 | 16830.6 |
| 67.5° | 14696.9 | 20448.5 | 18087.8 | 20755.7 | 30360.6 | 31983.3 | 27121.7 | 17349.8 | 13401.4 | 12630.1 |
| 70° | 12765.3 | 18835.7 | 16668.7 | 18942.6 | 27881.3 | 28363.8 | 24632.4 | 15259.6 | 9857.0 | 8529.7 |
| 72.5° | 10932.1 | 17156.2 | 15697.0 | 17084.4 | 24573.9 | 23575.6 | 21391.8 | 13411.4 | 7177.3 | 6152.2 |
| 75° | 9057.2 | 14678.6 | 14313.0 | 14877.3 | 20224.8 | 18570.3 | 17773.9 | 11104.1 | 5633.0 | 4451.0 |
| 77.5° | 6988.7 | 11469.7 | 12311.2 | 11913.8 | 14236.2 | 13793.7 | 13777.0 | 8344.4 | 4115.4 | 2970.1 |
| 80° | 4783.2 | 7993.7 | 9618.2 | 8404.5 | 9239.2 | 9013.8 | 10376.2 | 5598.0 | 2985.1 | 1788.1 |
| 82.5° | 2811.5 | 4866.7 | 6694.8 | 4068.7 | 5108.8 | 5244.0 | 6179.0 | 2723.0 | 1756.4 | 412.4 |
| 85° | 1140.3 | 1921.6 | 2617.8 | 1592.7 | 2464.2 | 2078.6 | 2345.7 | 764.6 | 489.2 | 10.0 |
| 87.5° | 287.2 | 614.4 | 430.7 | 178.6 | 285.5 | 262.1 | 207.0 | 93.5 | 20.0 | 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):

| 90° | | 95° | 105° | 115° | 125° | 135° | 145° | 155° | 165° | 175° | 180° |
|---------|-------|---------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 3355.8 | 0° | 3355.8 | 3355.8 | 3355.8 | 3355.8 | 3355.8 | 3355.8 | 3355.8 | 3355.8 | 3355.8 | 3355.8 |
| 3791.5 | 2.5° | 3726.4 | 3688.0 | 3592.8 | 3497.7 | 3420.9 | 3317.4 | 3248.9 | 3167.1 | 3088.6 | 3018.5 |
| 4225.6 | 5° | 4120.4 | 3993.5 | 3819.9 | 3661.3 | 3499.4 | 3342.4 | 3187.1 | 3023.5 | 2873.3 | 2781.5 |
| 4592.9 | 7.5° | 4441.0 | 4217.3 | 3986.9 | 3784.8 | 3589.5 | 3405.9 | 3200.5 | 3001.8 | 2766.4 | 2641.2 |
| 4873.4 | 10° | 4679.7 | 4385.9 | 4083.7 | 3851.6 | 3654.6 | 3476.0 | 3302.3 | 3102.0 | 2818.2 | 2661.2 |
| 5043.7 | 12.5° | 4836.7 | 4487.7 | 4133.8 | 3868.3 | 3647.9 | 3509.4 | 3432.6 | 3354.1 | 3072.0 | 2888.3 |
| 5168.9 | 15° | 4945.2 | 4559.5 | 4168.8 | 3829.9 | 3559.5 | 3457.6 | 3534.4 | 3624.6 | 3444.3 | 3232.2 |
| 5299.1 | 17.5° | 5063.7 | 4653.0 | 4183.9 | 3726.4 | 3387.5 | 3344.1 | 3542.8 | 3751.5 | 3743.1 | 3532.7 |
| 5422.7 | 20° | 5188.9 | 4734.8 | 4173.8 | 3559.5 | 3178.8 | 3217.2 | 3471.0 | 3713.1 | 3814.9 | 3701.4 |
| 5564.6 | 22.5° | 5317.5 | 4813.3 | 4135.4 | 3342.4 | 2983.5 | 3103.7 | 3357.4 | 3569.5 | 3689.7 | 3654.6 |
| 5738.2 | 25° | 5479.4 | 4923.5 | 4078.7 | 3108.7 | 2821.5 | 2988.5 | 3225.5 | 3397.5 | 3481.0 | 3479.3 |
| 5925.2 | 27.5° | 5673.1 | 5070.4 | 4048.6 | 2920.0 | 2706.3 | 2858.2 | 3068.6 | 3222.2 | 3280.6 | 3280.6 |
| 6157.3 | 30° | 5898.5 | 5244.0 | 4015.2 | 2796.5 | 2639.5 | 2723.0 | 2886.6 | 3036.9 | 3095.3 | 3095.3 |
| 6411.0 | 32.5° | 6148.9 | 5411.0 | 3935.1 | 2721.3 | 2589.5 | 2591.1 | 2694.6 | 2831.5 | 2901.7 | 2911.7 |
| 6728.2 | 35° | 6449.4 | 5589.6 | 3759.8 | 2661.2 | 2531.0 | 2462.6 | 2512.7 | 2626.2 | 2709.7 | 2731.4 |
| 7180.7 | 37.5° | 6843.4 | 5808.3 | 3509.4 | 2572.8 | 2440.9 | 2327.3 | 2339.0 | 2425.8 | 2517.7 | 2551.1 |
| 7805.1 | 40° | 7372.7 | 6065.4 | 3248.9 | 2445.9 | 2314.0 | 2178.7 | 2173.7 | 2237.2 | 2327.3 | 2364.1 |
| 8649.9 | 42.5° | 8072.2 | 6374.3 | 3000.2 | 2324.0 | 2160.4 | 2021.8 | 2013.5 | 2063.5 | 2142.0 | 2180.4 |
| 9765.1 | 45° | 8967.1 | 6753.3 | 2786.5 | 2228.8 | 2010.1 | 1873.2 | 1869.9 | 1911.6 | 1980.1 | 2020.1 |
| 11192.6 | 47.5° | 10210.9 | 7132.3 | 2641.2 | 2178.7 | 1891.6 | 1751.3 | 1758.0 | 1794.8 | 1856.5 | 1884.9 |
| 13040.8 | 50° | 11832.0 | 7247.5 | 2567.7 | 2178.7 | 1828.1 | 1642.8 | 1676.2 | 1706.3 | 1753.0 | 1769.7 |
| 15256.2 | 52.5° | 13388.0 | 6866.8 | 2501.0 | 2192.1 | 1836.5 | 1551.0 | 1622.8 | 1644.5 | 1684.6 | 1691.2 |
| 17309.8 | 55° | 14151.0 | 5903.5 | 2409.1 | 2195.4 | 1888.2 | 1472.5 | 1579.4 | 1619.5 | 1634.5 | 1632.8 |
| 18501.8 | 57.5° | 13888.9 | 4773.2 | 2253.9 | 2182.1 | 1923.3 | 1422.4 | 1526.0 | 1602.8 | 1612.8 | 1597.7 |
| 18274.8 | 60° | 12969.0 | 3514.4 | 2135.3 | 2083.6 | 1910.0 | 1407.4 | 1444.2 | 1566.0 | 1581.1 | 1561.0 |
| 16525.1 | 62.5° | 11426.3 | 2439.2 | 2043.5 | 1866.5 | 1851.5 | 1402.4 | 1315.6 | 1485.9 | 1522.6 | 1494.2 |
| 13282.8 | 65° | 8995.5 | 1723.0 | 1759.7 | 1636.1 | 1724.6 | 1375.7 | 1182.0 | 1389.1 | 1439.1 | 1395.7 |
| 9636.6 | 67.5° | 6087.1 | 1243.8 | 1425.8 | 1482.6 | 1519.3 | 1315.6 | 1085.2 | 1278.9 | 1345.6 | 1288.9 |
| 6184.0 | 70° | 3287.3 | 873.2 | 941.6 | 1248.8 | 1290.6 | 1212.1 | 998.4 | 1167.0 | 1243.8 | 1182.0 |
| 4395.9 | 72.5° | 1941.7 | 627.7 | 659.5 | 1003.4 | 1075.2 | 1066.8 | 901.6 | 1036.8 | 1130.3 | 1056.8 |
| 3033.6 | 75° | 1070.2 | 424.1 | 470.8 | 727.9 | 873.2 | 823.1 | 774.7 | 878.2 | 973.3 | 901.6 |
| 1901.6 | 77.5° | 479.2 | 253.8 | 327.2 | 477.5 | 686.2 | 564.3 | 599.4 | 684.5 | 773.0 | 697.9 |
| 1058.5 | 80° | 185.3 | 141.9 | 217.0 | 260.4 | 499.2 | 312.2 | 385.7 | 504.2 | 567.6 | 507.5 |
| 230.4 | 82.5° | 23.4 | 63.4 | 93.5 | 101.8 | 290.5 | 165.3 | 223.7 | 317.2 | 312.2 | 270.5 |
| 0.0 | 85° | 0.0 | 11.7 | 13.4 | 6.7 | 125.2 | 60.1 | 73.5 | 103.5 | 96.8 | 73.5 |
| 0.0 | 87.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 3.3 | 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° |
|--------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 3355.8 | 0° | 3355.8 | 3355.8 | 3355.8 | 3355.8 | 3355.8 | 3355.8 | 3355.8 | 3355.8 | 3355.8 | 3355.8 |
| 3005.2 | 2.5° | 2923.4 | 2863.3 | 2833.2 | 2808.2 | 2831.5 | 2844.9 | 2844.9 | 2901.7 | 2935.0 | 2948.4 |
| 2723.0 | 5° | 2576.1 | 2464.2 | 2389.1 | 2344.0 | 2359.1 | 2375.8 | 2394.1 | 2465.9 | 2514.3 | 2546.0 |
| 2527.7 | 7.5° | 2302.3 | 2132.0 | 2026.8 | 1971.7 | 1980.1 | 1991.8 | 2006.8 | 2076.9 | 2125.3 | 2167.1 |
| 2491.0 | 10° | 2167.1 | 1926.6 | 1788.1 | 1721.3 | 1709.6 | 1702.9 | 1697.9 | 1739.7 | 1776.4 | 1809.8 |
| 2641.2 | 12.5° | 2173.7 | 1838.2 | 1669.5 | 1587.7 | 1552.7 | 1512.6 | 1480.9 | 1487.6 | 1510.9 | 1552.7 |
| 2910.0 | 15° | 2258.9 | 1809.8 | 1607.8 | 1505.9 | 1447.5 | 1400.7 | 1362.3 | 1354.0 | 1362.3 | 1369.0 |
| 3217.2 | 17.5° | 2374.1 | 1806.4 | 1554.3 | 1427.5 | 1367.4 | 1329.0 | 1293.9 | 1282.2 | 1283.9 | 1292.2 |
| 3420.9 | 20° | 2465.9 | 1796.4 | 1494.2 | 1352.3 | 1298.9 | 1265.5 | 1230.4 | 1218.8 | 1222.1 | 1223.8 |
| 3440.9 | 22.5° | 2514.3 | 1781.4 | 1427.5 | 1277.2 | 1232.1 | 1198.7 | 1167.0 | 1165.3 | 1165.3 | 1175.4 |
| 3332.4 | 25° | 2514.3 | 1749.7 | 1367.4 | 1205.4 | 1165.3 | 1135.3 | 1096.9 | 1103.6 | 1106.9 | 1120.3 |
| 3163.8 | 27.5° | 2454.2 | 1689.6 | 1318.9 | 1143.6 | 1101.9 | 1071.8 | 1036.8 | 1045.1 | 1050.1 | 1065.2 |
| 2996.8 | 30° | 2377.4 | 1617.8 | 1263.8 | 1085.2 | 1036.8 | 1015.1 | 985.0 | 988.4 | 995.0 | 1011.7 |
| 2841.6 | 32.5° | 2295.6 | 1532.6 | 1218.8 | 1026.8 | 978.3 | 961.7 | 928.3 | 933.3 | 940.0 | 958.3 |
| 2688.0 | 35° | 2205.5 | 1432.5 | 1165.3 | 973.3 | 924.9 | 911.6 | 873.2 | 876.5 | 886.5 | 906.6 |
| 2522.7 | 37.5° | 2110.3 | 1350.7 | 1111.9 | 921.6 | 871.5 | 858.1 | 818.1 | 821.4 | 833.1 | 856.5 |
| 2349.0 | 40° | 2016.8 | 1270.5 | 1055.1 | 866.5 | 816.4 | 804.7 | 761.3 | 764.6 | 778.0 | 803.0 |
| 2173.7 | 42.5° | 1915.0 | 1208.7 | 981.7 | 809.7 | 756.3 | 744.6 | 704.5 | 709.6 | 724.6 | 749.6 |
| 2011.8 | 45° | 1793.1 | 1168.7 | 899.9 | 756.3 | 696.2 | 684.5 | 647.8 | 657.8 | 674.5 | 699.5 |
| 1873.2 | 47.5° | 1667.9 | 1152.0 | 831.4 | 699.5 | 634.4 | 624.4 | 594.4 | 611.1 | 629.4 | 649.5 |
| 1754.7 | 50° | 1547.7 | 1130.3 | 761.3 | 646.1 | 581.0 | 571.0 | 550.9 | 572.7 | 591.0 | 609.4 |
| 1669.5 | 52.5° | 1410.8 | 1083.5 | 697.9 | 599.4 | 535.9 | 532.6 | 522.6 | 542.6 | 559.3 | 576.0 |
| 1596.1 | 55° | 1268.8 | 1008.4 | 642.8 | 557.6 | 497.5 | 500.9 | 495.9 | 512.5 | 525.9 | 540.9 |
| 1529.3 | 57.5° | 1145.3 | 913.2 | 599.4 | 512.5 | 464.1 | 474.1 | 467.5 | 475.8 | 484.2 | 502.5 |
| 1449.2 | 60° | 1020.1 | 799.7 | 550.9 | 459.1 | 430.7 | 442.4 | 424.1 | 422.4 | 425.7 | 430.7 |
| 1330.6 | 62.5° | 851.5 | 681.2 | 490.8 | 412.4 | 394.0 | 399.0 | 364.0 | 337.2 | 337.2 | 342.3 |
| 1165.3 | 65° | 684.5 | 571.0 | 424.1 | 359.0 | 343.9 | 340.6 | 290.5 | 253.8 | 250.4 | 265.5 |
| 973.3 | 67.5° | 562.6 | 474.1 | 357.3 | 298.8 | 288.8 | 292.2 | 255.4 | 218.7 | 215.4 | 232.1 |
| 793.0 | 70° | 465.8 | 382.3 | 285.5 | 230.4 | 240.4 | 255.4 | 218.7 | 183.6 | 178.6 | 193.7 |
| 644.4 | 72.5° | 370.6 | 298.8 | 218.7 | 170.3 | 198.7 | 217.0 | 178.6 | 145.2 | 141.9 | 155.3 |
| 497.5 | 75° | 272.1 | 213.7 | 148.6 | 123.5 | 153.6 | 170.3 | 130.2 | 103.5 | 98.5 | 110.2 |
| 332.2 | 77.5° | 168.6 | 120.2 | 93.5 | 73.5 | 105.2 | 113.5 | 68.5 | 60.1 | 58.4 | 66.8 |
| 202.0 | 80° | 78.5 | 51.8 | 45.1 | 25.0 | 38.4 | 45.1 | 28.4 | 31.7 | 33.4 | 40.1 |
| 101.8 | 82.5° | 21.7 | 8.3 | 1.7 | 0.0 | 0.0 | 13.4 | 6.7 | 13.4 | 16.7 | 25.0 |
| 8.3 | 85° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 3.3 | 8.3 | 15.0 |
| 0.0 | 87.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 6.7 |
| 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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| 990.0 | 32.5° | 993.4 | 993.4 | 1003.4 | 1038.5 | 1706.3 | 4021.9 | 5701.5 | 6023.7 |
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| 270.5 | 67.5° | 288.8 | 283.8 | 283.8 | 505.9 | 522.6 | 639.4 | 7579.7 | 14696.9 |
| 230.4 | 70° | 248.8 | 230.4 | 230.4 | 382.3 | 317.2 | 442.4 | 5292.4 | 12765.3 |
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| 26.7 | 85° | 23.4 | 15.0 | 15.0 | 20.0 | 25.0 | 26.7 | 75.1 | 1140.3 |
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