

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: P950614

Luminaire Tested: **GALN-SB5A-735-U-SLL-HSS**

Issue Date: 1/21/2025

Test Information

Test Method: LM-79-08
Report Number: P950614
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-SB5A-735-U-SLL-HSS
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(5) 70 CRI, 3500K, 350mA 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: 17294 lumens
Efficiency: N/A
Efficacy: 122.0 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B2 - U0 - G3

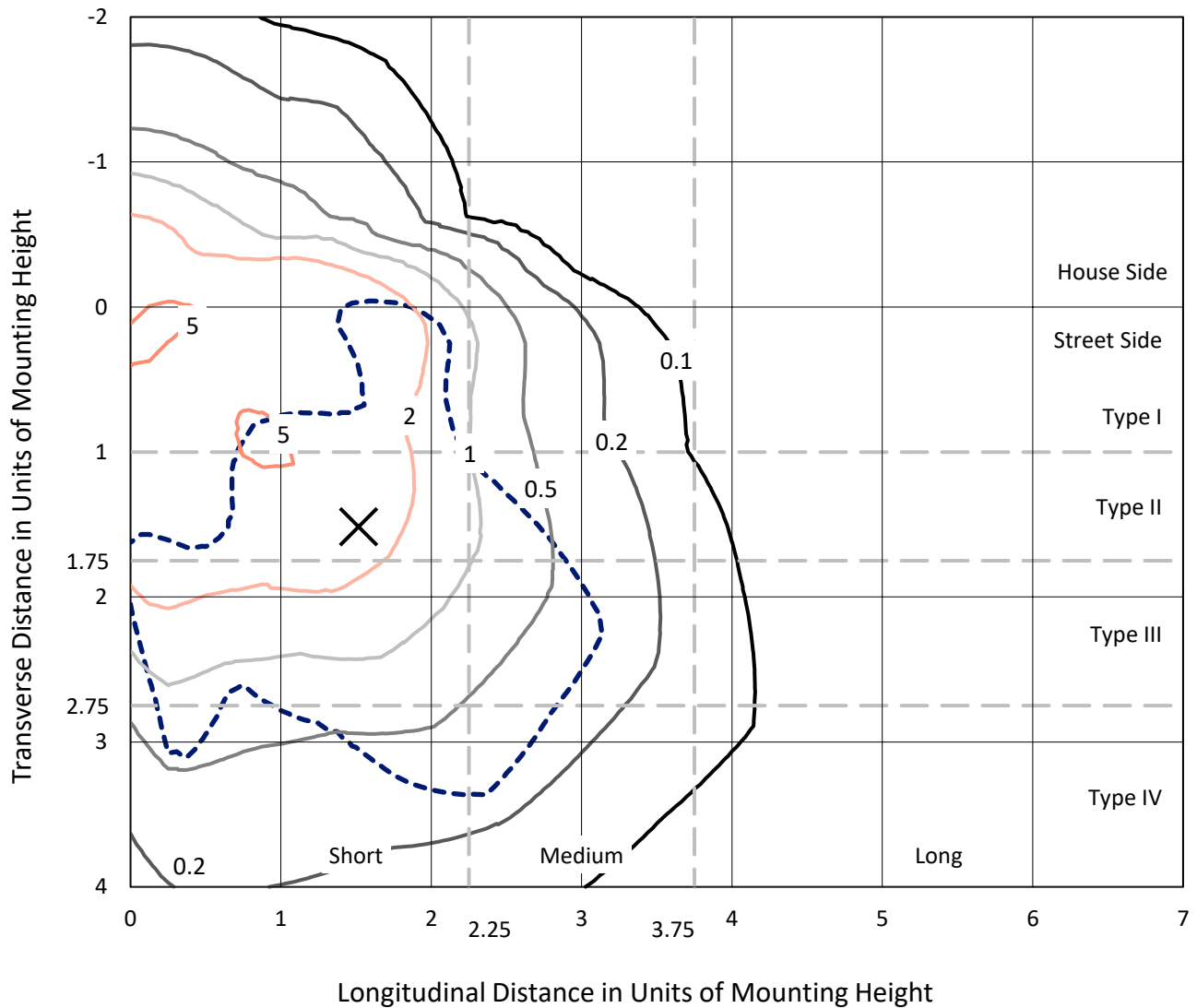
Input Watts (W): 141.7
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



REPORT NUMBER: P950614
 CATALOG NUMBER: GALN-SB5A-735-U-SLL-HSS

Iso-Footcandle Lines of Horizontal Illumination

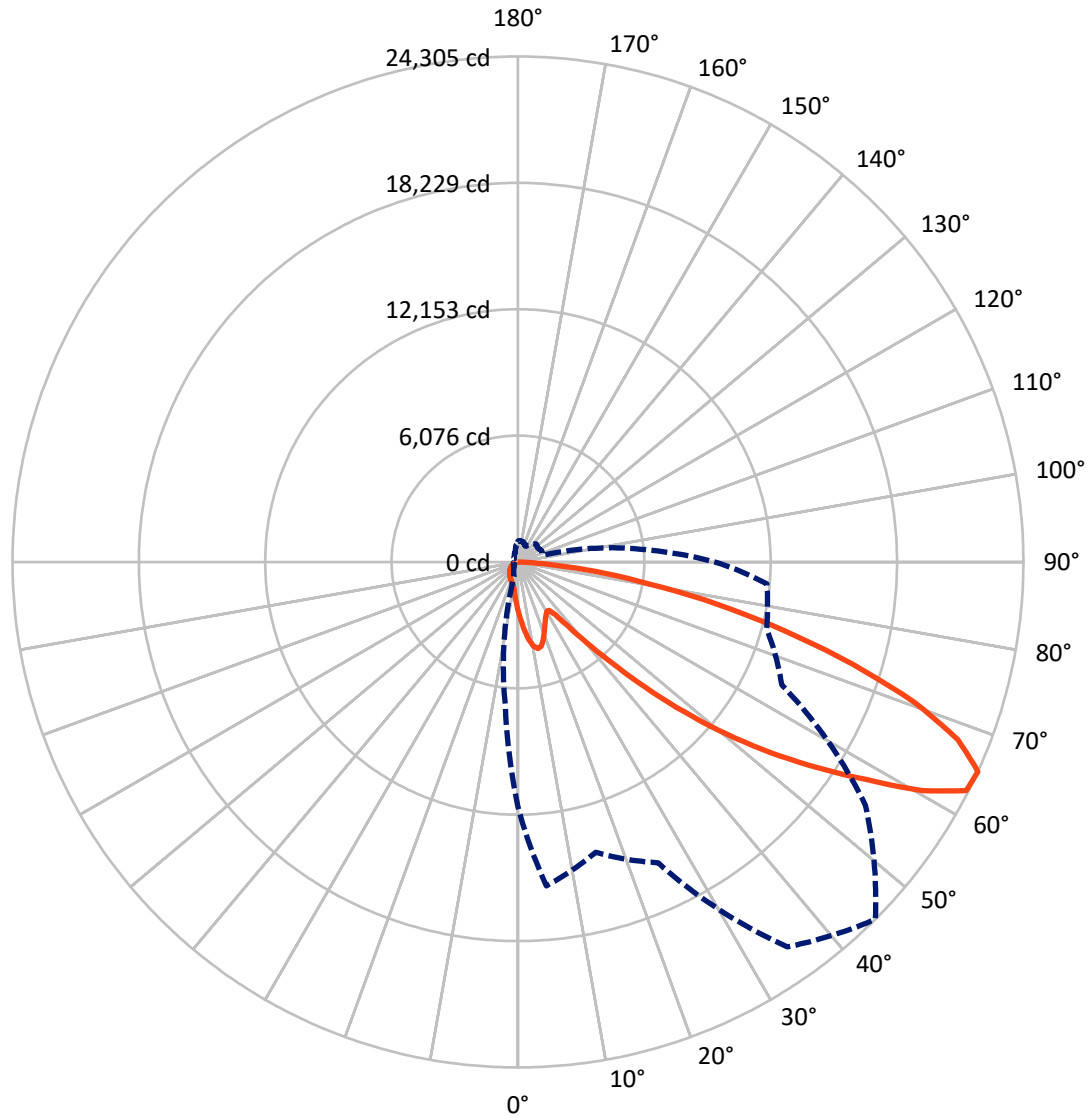
✕ Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 6.3 fc
 Type IV - Short - N/A

REPORT NUMBER: P950614
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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 | 3437.5 | 0.0 | 3437.5 |
| | % Fixture | 19.9 | 0.0 | 19.9 |
| Street Side | Lumens | 13856.5 | 0.0 | 13856.5 |
| | % Fixture | 80.1 | 0.0 | 80.1 |
| Total | Lumens | 17294.0 | 0.0 | 17294.0 |
| | % Fixture | 100.0 | 0.0 | 100.0 |

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|---------|-----------|
| 0°-10° | 235.8 | 1.4 |
| 10°-20° | 706.7 | 4.1 |
| 20°-30° | 1041.2 | 6.0 |
| 30°-40° | 1337.6 | 7.7 |
| 40°-50° | 2163.4 | 12.5 |
| 50°-60° | 3793.7 | 21.9 |
| 60°-70° | 4746.9 | 27.4 |
| 70°-80° | 2773.9 | 16.0 |
| 80°-90° | 494.9 | 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° | 17294.0 | 100.0 |
| 0°-180° | 17294.0 | 100.0 |

Coefficient of Utilization



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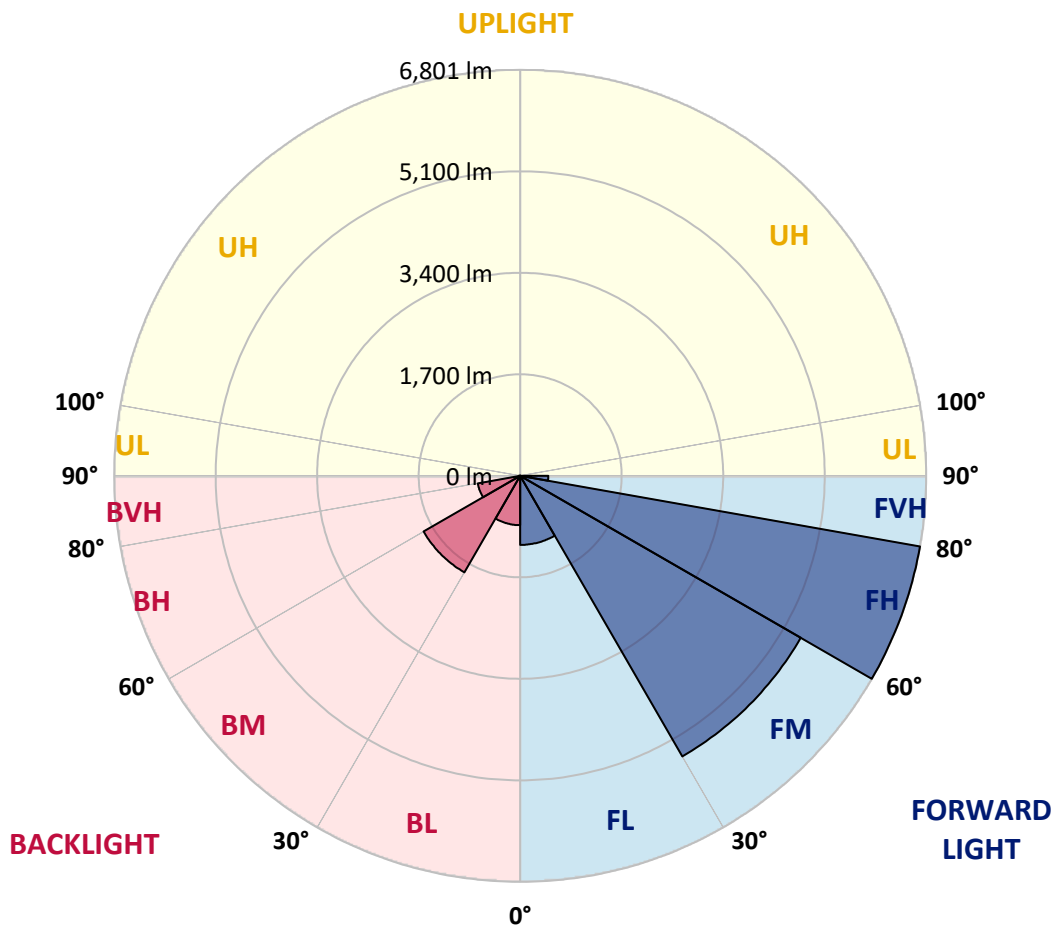
CATALOG NUMBER: GALN-SB5A-735-U-SLL-HSS

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

| Zone | Lumens | % Fixture | Zone Rating/Lumen Limit | | |
|----------------|--------|-----------|-------------------------|------|---------|
| | | | B | U | G |
| FL (0°-30°) | 1157.2 | 6.7 | | | |
| FM (30°-60°) | 5427.1 | 31.4 | | | |
| FH (60°-80°) | 6800.5 | 39.3 | | | G3/7500 |
| FVH (80°-90°) | 471.7 | 2.7 | | | G3/500 |
| BL (0°-30°) | 826.5 | 4.8 | B2/1000 | | |
| BM (30°-60°) | 1867.6 | 10.8 | B2/2500 | | |
| BH (60°-80°) | 720.2 | 4.2 | B2/1000 | | G2/1000 |
| BVH (80°-90°) | 23.2 | 0.1 | | | G1/100 |
| UL (90°-100°) | 0.0 | 0.0 | | U0/0 | |
| UH (100°-180°) | 0.0 | 0.0 | | U0/0 | |

BUG Rating: B2-U0-G3

Type IV Short



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CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 15° | 25° | 35° | 45° | 55° | 65° | 75° | 85° |
|-------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0° | 2394.7 | 2394.7 | 2394.7 | 2394.7 | 2394.7 | 2394.7 | 2394.7 | 2394.7 | 2394.7 | 2394.7 |
| 2.5° | 2683.0 | 2703.2 | 2748.5 | 2772.3 | 2809.3 | 2811.6 | 2811.6 | 2779.5 | 2778.3 | 2712.8 |
| 5° | 2998.7 | 3046.3 | 3153.6 | 3264.4 | 3288.2 | 3294.2 | 3282.2 | 3217.9 | 3170.3 | 3042.8 |
| 7.5° | 3312.0 | 3403.8 | 3567.0 | 3714.7 | 3762.4 | 3762.4 | 3733.8 | 3628.9 | 3531.2 | 3346.6 |
| 10° | 3571.7 | 3687.3 | 3908.9 | 4074.5 | 4129.3 | 4117.4 | 4059.0 | 3926.8 | 3792.1 | 3568.2 |
| 12.5° | 3743.3 | 3873.2 | 4116.2 | 4249.6 | 4305.6 | 4274.7 | 4207.9 | 4079.3 | 3937.5 | 3701.6 |
| 15° | 3829.1 | 3964.9 | 4175.8 | 4246.1 | 4230.6 | 4198.4 | 4190.1 | 4128.1 | 4020.9 | 3800.5 |
| 17.5° | 3866.0 | 3992.3 | 4138.8 | 4094.8 | 3963.7 | 3938.7 | 4022.1 | 4100.7 | 4074.5 | 3886.3 |
| 20° | 3900.6 | 4006.6 | 4050.7 | 3855.3 | 3626.5 | 3603.9 | 3763.6 | 3987.5 | 4101.9 | 3966.1 |
| 22.5° | 3948.2 | 4013.7 | 3923.2 | 3602.7 | 3356.1 | 3303.7 | 3480.0 | 3817.2 | 4110.2 | 4067.4 |
| 25° | 4013.7 | 4031.6 | 3782.6 | 3363.3 | 3115.4 | 3063.0 | 3227.4 | 3627.7 | 4096.0 | 4177.0 |
| 27.5° | 4092.4 | 4055.4 | 3648.0 | 3163.1 | 2923.6 | 2874.8 | 3039.2 | 3445.5 | 4055.4 | 4286.6 |
| 30° | 4194.8 | 4086.4 | 3514.6 | 3008.2 | 2786.6 | 2750.9 | 2909.3 | 3288.2 | 4005.4 | 4426.0 |
| 32.5° | 4298.5 | 4099.5 | 3390.7 | 2917.7 | 2755.7 | 2768.8 | 2898.6 | 3203.6 | 3950.6 | 4559.4 |
| 35° | 4410.5 | 4141.2 | 3329.9 | 3007.0 | 3014.2 | 3128.6 | 3182.2 | 3282.2 | 3942.3 | 4740.5 |
| 37.5° | 4563.0 | 4234.2 | 3402.6 | 3451.4 | 3699.2 | 3936.3 | 3892.2 | 3667.1 | 4038.8 | 5010.9 |
| 40° | 4782.2 | 4397.4 | 3719.5 | 4207.9 | 4716.7 | 5101.5 | 4933.5 | 4366.4 | 4334.2 | 5400.5 |
| 42.5° | 5101.5 | 4657.1 | 4281.8 | 5132.4 | 5995.0 | 6628.8 | 6178.5 | 5268.3 | 4851.3 | 5956.9 |
| 45° | 5573.3 | 5077.6 | 4962.1 | 6108.2 | 7571.2 | 8569.6 | 7633.1 | 6229.7 | 5575.6 | 6799.2 |
| 47.5° | 6227.3 | 5696.0 | 5599.5 | 7136.3 | 9486.9 | 10778.4 | 9246.3 | 7120.9 | 6400.1 | 7947.7 |
| 50° | 7095.8 | 6528.7 | 6203.5 | 8261.0 | 11587.3 | 13030.1 | 10858.2 | 7981.0 | 7344.8 | 9351.1 |
| 52.5° | 8241.9 | 7690.3 | 6907.6 | 9332.0 | 13747.3 | 15234.1 | 12477.3 | 8736.4 | 8517.1 | 10979.7 |
| 55° | 9805.0 | 9438.1 | 7870.2 | 10354.2 | 15906.1 | 17451.3 | 14033.2 | 9448.8 | 10065.9 | 12914.5 |
| 57.5° | 11744.6 | 12006.7 | 9258.2 | 11539.7 | 17846.8 | 19736.3 | 15596.3 | 10444.8 | 12077.0 | 15078.1 |
| 60° | 12995.5 | 15422.4 | 11916.1 | 13292.2 | 20052.0 | 22320.4 | 17738.4 | 12339.1 | 14190.5 | 15853.6 |
| 62.5° | 12692.9 | 16508.9 | 15099.5 | 15529.6 | 22079.8 | 24199.2 | 19837.6 | 14241.7 | 14588.4 | 14711.1 |
| 65° | 11764.8 | 15632.0 | 14450.2 | 15964.4 | 22593.3 | 24305.3 | 20398.7 | 13996.3 | 12374.8 | 12010.3 |
| 67.5° | 10487.7 | 14592.0 | 12907.4 | 14811.2 | 21665.2 | 22823.2 | 19353.9 | 12380.8 | 9563.2 | 9012.8 |
| 70° | 9109.3 | 13441.1 | 11894.7 | 13517.4 | 19896.0 | 20240.3 | 17577.6 | 10889.2 | 7033.9 | 6086.7 |
| 72.5° | 7801.1 | 12242.6 | 11201.3 | 12191.3 | 17535.9 | 16823.4 | 15265.1 | 9570.3 | 5121.7 | 4390.2 |
| 75° | 6463.2 | 10474.6 | 10213.7 | 10616.4 | 14432.3 | 13251.7 | 12683.4 | 7923.8 | 4019.7 | 3176.2 |
| 77.5° | 4987.1 | 8184.8 | 8785.2 | 8501.7 | 10158.9 | 9843.1 | 9831.2 | 5954.5 | 2936.7 | 2119.5 |
| 80° | 3413.3 | 5704.3 | 6863.5 | 5997.4 | 6593.1 | 6432.2 | 7404.4 | 3994.7 | 2130.2 | 1276.0 |
| 82.5° | 2006.3 | 3472.9 | 4777.4 | 2903.4 | 3645.6 | 3742.1 | 4409.3 | 1943.1 | 1253.3 | 294.3 |
| 85° | 813.7 | 1371.3 | 1868.1 | 1136.6 | 1758.5 | 1483.3 | 1673.9 | 545.7 | 349.1 | 7.1 |
| 87.5° | 204.9 | 438.4 | 307.4 | 127.5 | 203.7 | 187.0 | 147.7 | 66.7 | 14.3 | 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° |
|---------|-------|---------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 2394.7 | 0° | 2394.7 | 2394.7 | 2394.7 | 2394.7 | 2394.7 | 2394.7 | 2394.7 | 2394.7 | 2394.7 | 2394.7 |
| 2705.6 | 2.5° | 2659.2 | 2631.7 | 2563.8 | 2495.9 | 2441.1 | 2367.3 | 2318.4 | 2260.0 | 2204.0 | 2154.0 |
| 3015.4 | 5° | 2940.3 | 2849.8 | 2725.9 | 2612.7 | 2497.1 | 2385.1 | 2274.3 | 2157.6 | 2050.4 | 1984.8 |
| 3277.5 | 7.5° | 3169.1 | 3009.4 | 2845.0 | 2700.8 | 2561.5 | 2430.4 | 2283.9 | 2142.1 | 1974.1 | 1884.8 |
| 3477.6 | 10° | 3339.4 | 3129.7 | 2914.1 | 2748.5 | 2607.9 | 2480.4 | 2356.5 | 2213.6 | 2011.0 | 1899.1 |
| 3599.1 | 12.5° | 3451.4 | 3202.4 | 2949.8 | 2760.4 | 2603.2 | 2504.3 | 2449.5 | 2393.5 | 2192.1 | 2061.1 |
| 3688.5 | 15° | 3528.9 | 3253.6 | 2974.9 | 2733.0 | 2540.0 | 2467.3 | 2522.1 | 2586.5 | 2457.8 | 2306.5 |
| 3781.4 | 17.5° | 3613.4 | 3320.4 | 2985.6 | 2659.2 | 2417.3 | 2386.3 | 2528.1 | 2677.0 | 2671.1 | 2521.0 |
| 3869.6 | 20° | 3702.8 | 3378.7 | 2978.4 | 2540.0 | 2268.4 | 2295.8 | 2476.9 | 2649.6 | 2722.3 | 2641.3 |
| 3970.9 | 22.5° | 3794.5 | 3434.7 | 2951.0 | 2385.1 | 2129.0 | 2214.8 | 2395.9 | 2547.2 | 2632.9 | 2607.9 |
| 4094.8 | 25° | 3910.1 | 3513.4 | 2910.5 | 2218.3 | 2013.4 | 2132.6 | 2301.7 | 2424.5 | 2484.0 | 2482.8 |
| 4228.2 | 27.5° | 4048.3 | 3618.2 | 2889.1 | 2083.7 | 1931.2 | 2039.6 | 2189.7 | 2299.4 | 2341.1 | 2341.1 |
| 4393.8 | 30° | 4209.1 | 3742.1 | 2865.3 | 1995.6 | 1883.6 | 1943.1 | 2059.9 | 2167.1 | 2208.8 | 2208.8 |
| 4574.9 | 32.5° | 4387.8 | 3861.2 | 2808.1 | 1941.9 | 1847.8 | 1849.0 | 1922.9 | 2020.6 | 2070.6 | 2077.8 |
| 4801.2 | 35° | 4602.3 | 3988.7 | 2683.0 | 1899.1 | 1806.1 | 1757.3 | 1793.0 | 1874.0 | 1933.6 | 1949.1 |
| 5124.1 | 37.5° | 4883.4 | 4144.8 | 2504.3 | 1835.9 | 1741.8 | 1660.8 | 1669.1 | 1731.1 | 1796.6 | 1820.4 |
| 5569.7 | 40° | 5261.1 | 4328.3 | 2318.4 | 1745.4 | 1651.2 | 1554.7 | 1551.2 | 1596.4 | 1660.8 | 1687.0 |
| 6172.5 | 42.5° | 5760.3 | 4548.7 | 2140.9 | 1658.4 | 1541.6 | 1442.8 | 1436.8 | 1472.5 | 1528.5 | 1555.9 |
| 6968.4 | 45° | 6398.9 | 4819.1 | 1988.4 | 1590.5 | 1434.4 | 1336.7 | 1334.3 | 1364.1 | 1413.0 | 1441.6 |
| 7987.0 | 47.5° | 7286.5 | 5089.6 | 1884.8 | 1554.7 | 1349.8 | 1249.8 | 1254.5 | 1280.7 | 1324.8 | 1345.1 |
| 9305.8 | 50° | 8443.3 | 5171.8 | 1832.3 | 1554.7 | 1304.6 | 1172.3 | 1196.1 | 1217.6 | 1250.9 | 1262.9 |
| 10886.8 | 52.5° | 9553.6 | 4900.1 | 1784.7 | 1564.3 | 1310.5 | 1106.8 | 1158.0 | 1173.5 | 1202.1 | 1206.9 |
| 12352.2 | 55° | 10098.1 | 4212.7 | 1719.2 | 1566.7 | 1347.4 | 1050.8 | 1127.0 | 1155.6 | 1166.4 | 1165.2 |
| 13202.8 | 57.5° | 9911.1 | 3406.1 | 1608.4 | 1557.1 | 1372.5 | 1015.1 | 1088.9 | 1143.7 | 1150.9 | 1140.1 |
| 13040.8 | 60° | 9254.6 | 2507.8 | 1523.8 | 1486.8 | 1362.9 | 1004.3 | 1030.5 | 1117.5 | 1128.2 | 1113.9 |
| 11792.2 | 62.5° | 8153.8 | 1740.6 | 1458.2 | 1332.0 | 1321.2 | 1000.8 | 938.8 | 1060.3 | 1086.5 | 1066.3 |
| 9478.6 | 65° | 6419.1 | 1229.5 | 1255.7 | 1167.5 | 1230.7 | 981.7 | 843.5 | 991.2 | 1027.0 | 996.0 |
| 6876.6 | 67.5° | 4343.8 | 887.6 | 1017.4 | 1057.9 | 1084.2 | 938.8 | 774.4 | 912.6 | 960.2 | 919.7 |
| 4412.9 | 70° | 2345.8 | 623.1 | 671.9 | 891.1 | 920.9 | 864.9 | 712.4 | 832.8 | 887.6 | 843.5 |
| 3136.9 | 72.5° | 1385.6 | 448.0 | 470.6 | 716.0 | 767.2 | 761.3 | 643.3 | 739.8 | 806.6 | 754.1 |
| 2164.7 | 75° | 763.7 | 302.6 | 336.0 | 519.4 | 623.1 | 587.3 | 552.8 | 626.7 | 694.6 | 643.3 |
| 1357.0 | 77.5° | 341.9 | 181.1 | 233.5 | 340.7 | 489.7 | 402.7 | 427.7 | 488.5 | 551.6 | 498.0 |
| 755.3 | 80° | 132.2 | 101.3 | 154.9 | 185.9 | 356.2 | 222.8 | 275.2 | 359.8 | 405.1 | 362.2 |
| 164.4 | 82.5° | 16.7 | 45.3 | 66.7 | 72.7 | 207.3 | 117.9 | 159.6 | 226.4 | 222.8 | 193.0 |
| 0.0 | 85° | 0.0 | 8.3 | 9.5 | 4.8 | 89.4 | 42.9 | 52.4 | 73.9 | 69.1 | 52.4 |
| 0.0 | 87.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.4 | 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° |
|--------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 2394.7 | 0° | 2394.7 | 2394.7 | 2394.7 | 2394.7 | 2394.7 | 2394.7 | 2394.7 | 2394.7 | 2394.7 | 2394.7 |
| 2144.5 | 2.5° | 2086.1 | 2043.2 | 2021.8 | 2003.9 | 2020.6 | 2030.1 | 2030.1 | 2070.6 | 2094.4 | 2104.0 |
| 1943.1 | 5° | 1838.3 | 1758.5 | 1704.9 | 1672.7 | 1683.4 | 1695.3 | 1708.4 | 1759.7 | 1794.2 | 1816.8 |
| 1803.7 | 7.5° | 1642.9 | 1521.4 | 1446.3 | 1407.0 | 1413.0 | 1421.3 | 1432.0 | 1482.1 | 1516.6 | 1546.4 |
| 1777.5 | 10° | 1546.4 | 1374.8 | 1276.0 | 1228.3 | 1220.0 | 1215.2 | 1211.6 | 1241.4 | 1267.6 | 1291.5 |
| 1884.8 | 12.5° | 1551.2 | 1311.7 | 1191.4 | 1133.0 | 1108.0 | 1079.4 | 1056.8 | 1061.5 | 1078.2 | 1108.0 |
| 2076.6 | 15° | 1611.9 | 1291.5 | 1147.3 | 1074.6 | 1032.9 | 999.6 | 972.2 | 966.2 | 972.2 | 976.9 |
| 2295.8 | 17.5° | 1694.1 | 1289.1 | 1109.2 | 1018.6 | 975.7 | 948.3 | 923.3 | 915.0 | 916.2 | 922.1 |
| 2441.1 | 20° | 1759.7 | 1281.9 | 1066.3 | 965.0 | 926.9 | 903.1 | 878.0 | 869.7 | 872.1 | 873.3 |
| 2455.4 | 22.5° | 1794.2 | 1271.2 | 1018.6 | 911.4 | 879.2 | 855.4 | 832.8 | 831.6 | 831.6 | 838.7 |
| 2378.0 | 25° | 1794.2 | 1248.6 | 975.7 | 860.2 | 831.6 | 810.1 | 782.7 | 787.5 | 789.9 | 799.4 |
| 2257.7 | 27.5° | 1751.3 | 1205.7 | 941.2 | 816.1 | 786.3 | 764.9 | 739.8 | 745.8 | 749.4 | 760.1 |
| 2138.5 | 30° | 1696.5 | 1154.4 | 901.9 | 774.4 | 739.8 | 724.4 | 702.9 | 705.3 | 710.1 | 722.0 |
| 2027.7 | 32.5° | 1638.1 | 1093.7 | 869.7 | 732.7 | 698.1 | 686.2 | 662.4 | 666.0 | 670.7 | 683.8 |
| 1918.1 | 35° | 1573.8 | 1022.2 | 831.6 | 694.6 | 660.0 | 650.5 | 623.1 | 625.5 | 632.6 | 646.9 |
| 1800.2 | 37.5° | 1505.9 | 963.8 | 793.5 | 657.6 | 621.9 | 612.4 | 583.8 | 586.2 | 594.5 | 611.2 |
| 1676.3 | 40° | 1439.2 | 906.6 | 752.9 | 618.3 | 582.6 | 574.2 | 543.3 | 545.7 | 555.2 | 573.1 |
| 1551.2 | 42.5° | 1366.5 | 862.6 | 700.5 | 577.8 | 539.7 | 531.4 | 502.8 | 506.3 | 517.1 | 534.9 |
| 1435.6 | 45° | 1279.5 | 834.0 | 642.2 | 539.7 | 496.8 | 488.5 | 462.3 | 469.4 | 481.3 | 499.2 |
| 1336.7 | 47.5° | 1190.2 | 822.0 | 593.3 | 499.2 | 452.7 | 445.6 | 424.1 | 436.0 | 449.1 | 463.4 |
| 1252.1 | 50° | 1104.4 | 806.6 | 543.3 | 461.1 | 414.6 | 407.5 | 393.2 | 408.6 | 421.7 | 434.9 |
| 1191.4 | 52.5° | 1006.7 | 773.2 | 498.0 | 427.7 | 382.4 | 380.0 | 372.9 | 387.2 | 399.1 | 411.0 |
| 1139.0 | 55° | 905.4 | 719.6 | 458.7 | 397.9 | 355.0 | 357.4 | 353.8 | 365.8 | 375.3 | 386.0 |
| 1091.3 | 57.5° | 817.3 | 651.7 | 427.7 | 365.8 | 331.2 | 338.4 | 333.6 | 339.5 | 345.5 | 358.6 |
| 1034.1 | 60° | 727.9 | 570.7 | 393.2 | 327.6 | 307.4 | 315.7 | 302.6 | 301.4 | 303.8 | 307.4 |
| 949.5 | 62.5° | 607.6 | 486.1 | 350.3 | 294.3 | 281.2 | 284.7 | 259.7 | 240.7 | 240.7 | 244.2 |
| 831.6 | 65° | 488.5 | 407.5 | 302.6 | 256.1 | 245.4 | 243.0 | 207.3 | 181.1 | 178.7 | 189.4 |
| 694.6 | 67.5° | 401.5 | 338.4 | 255.0 | 213.3 | 206.1 | 208.5 | 182.3 | 156.1 | 153.7 | 165.6 |
| 565.9 | 70° | 332.4 | 272.8 | 203.7 | 164.4 | 171.6 | 182.3 | 156.1 | 131.1 | 127.5 | 138.2 |
| 459.9 | 72.5° | 264.5 | 213.3 | 156.1 | 121.5 | 141.8 | 154.9 | 127.5 | 103.6 | 101.3 | 110.8 |
| 355.0 | 75° | 194.2 | 152.5 | 106.0 | 88.2 | 109.6 | 121.5 | 92.9 | 73.9 | 70.3 | 78.6 |
| 237.1 | 77.5° | 120.3 | 85.8 | 66.7 | 52.4 | 75.1 | 81.0 | 48.8 | 42.9 | 41.7 | 47.7 |
| 144.2 | 80° | 56.0 | 36.9 | 32.2 | 17.9 | 27.4 | 32.2 | 20.3 | 22.6 | 23.8 | 28.6 |
| 72.7 | 82.5° | 15.5 | 6.0 | 1.2 | 0.0 | 0.0 | 9.5 | 4.8 | 9.5 | 11.9 | 17.9 |
| 6.0 | 85° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.4 | 6.0 | 10.7 |
| 0.0 | 87.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 4.8 |
| 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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| 193.0 | 67.5° | 206.1 | 202.5 | 202.5 | 361.0 | 372.9 | 456.3 | 5408.8 | 10487.7 |
| 164.4 | 70° | 177.5 | 164.4 | 164.4 | 272.8 | 226.4 | 315.7 | 3776.7 | 9109.3 |
| 135.8 | 72.5° | 148.9 | 134.6 | 125.1 | 218.0 | 169.2 | 231.1 | 2360.1 | 7801.1 |
| 103.6 | 75° | 119.1 | 108.4 | 96.5 | 144.2 | 126.3 | 175.1 | 1371.3 | 6463.2 |
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| 40.5 | 80° | 44.1 | 45.3 | 42.9 | 60.8 | 62.0 | 85.8 | 464.6 | 3413.3 |
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