

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: P947425

Luminaire Tested: **GALN-SB2D-740-U-SLR**

Issue Date: 1/21/2025

Test Information

Test Method: LM-79-08
Report Number: P947425
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-SB2D-740-U-SLR
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(2) 70 CRI, 4000K, 900mA LIGHTSQUARES WITH 26 LEDS EACH AND SPILL LIGHT
ELIMINATOR RIGHT OPTICS
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 21453 lumens
Efficiency: N/A
Efficacy: 145.3 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 1' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B3 - U0 - G4

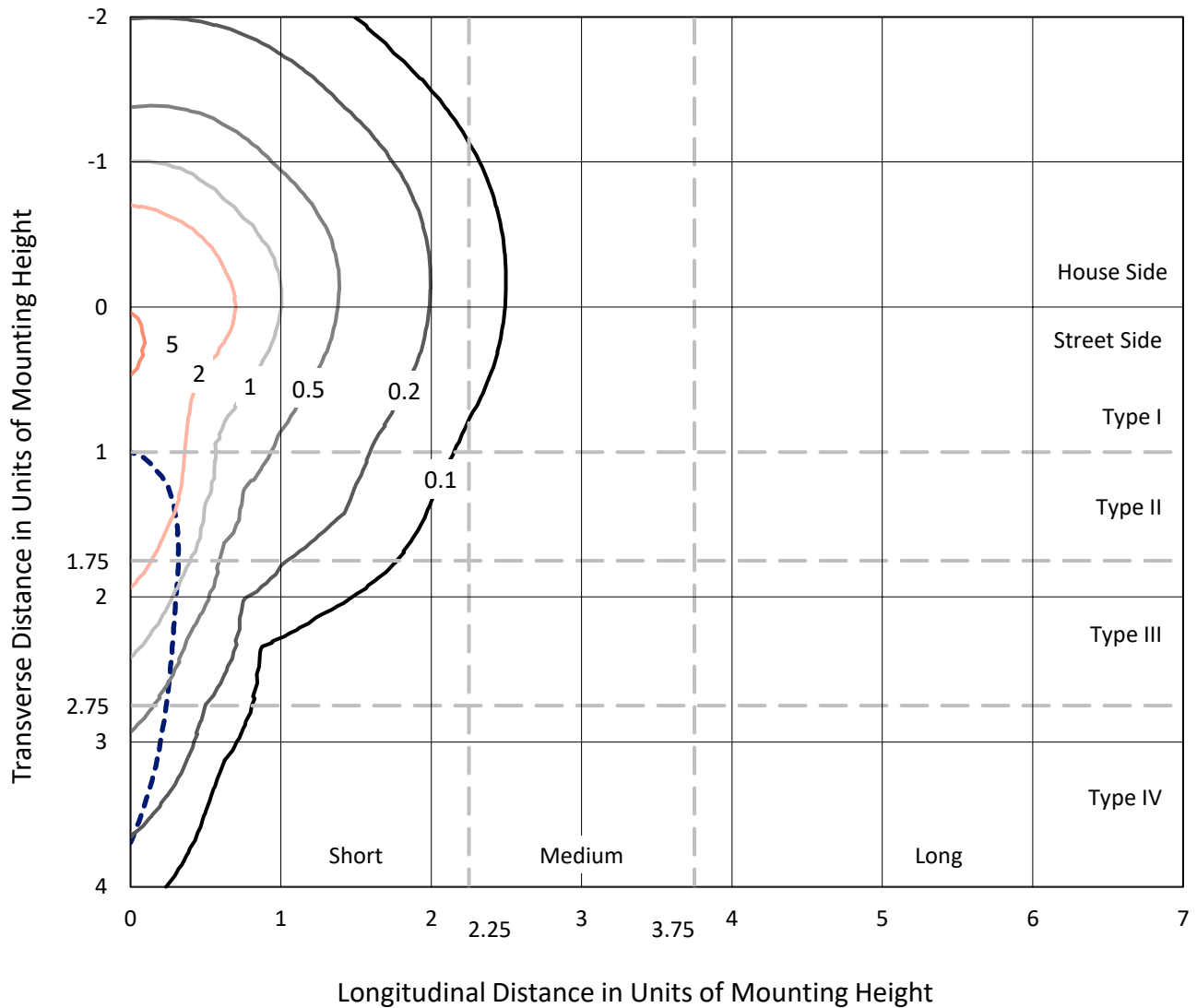
Input Watts (W): 147.6
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

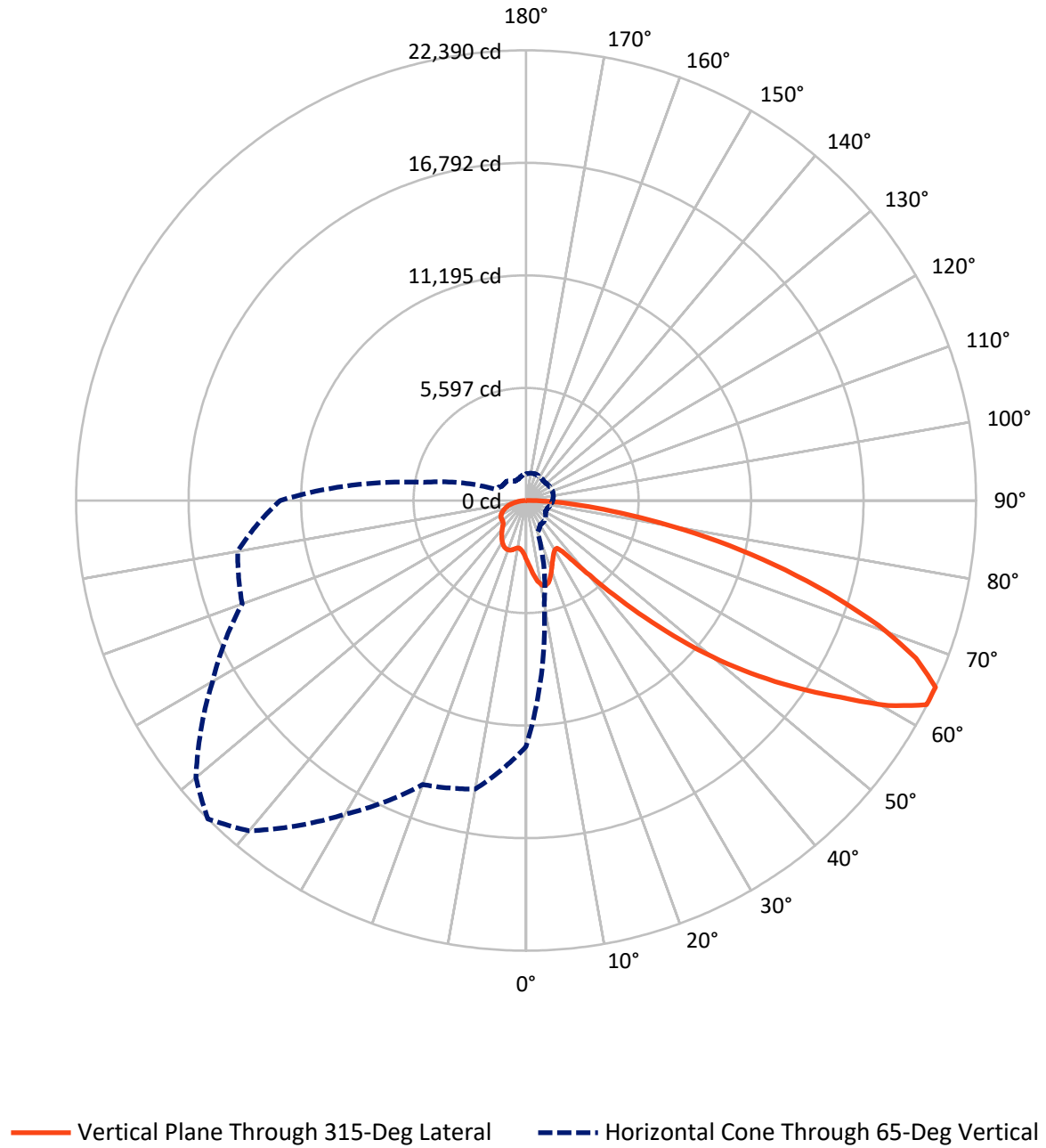
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 5.8 fc
 Type IV - Short - N/A

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

| | | Downward | Upward | Total |
|--------------------|-----------|----------|--------|---------|
| House Side | Lumens | 5452.3 | 0.0 | 5452.3 |
| | % Fixture | 25.4 | 0.0 | 25.4 |
| Street Side | Lumens | 16000.7 | 0.0 | 16000.7 |
| | % Fixture | 74.6 | 0.0 | 74.6 |
| Total | Lumens | 21453.0 | 0.0 | 21453.0 |
| | % Fixture | 100.0 | 0.0 | 100.0 |

Coefficient of Utilization

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|---------|-----------|
| 0°-10° | 292.6 | 1.4 |
| 10°-20° | 918.6 | 4.3 |
| 20°-30° | 1419.0 | 6.6 |
| 30°-40° | 1798.2 | 8.4 |
| 40°-50° | 2712.2 | 12.6 |
| 50°-60° | 4381.9 | 20.4 |
| 60°-70° | 5462.7 | 25.5 |
| 70°-80° | 3582.2 | 16.7 |
| 80°-90° | 885.6 | 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° | 21453.0 | 100.0 |
| 0°-180° | 21453.0 | 100.0 |



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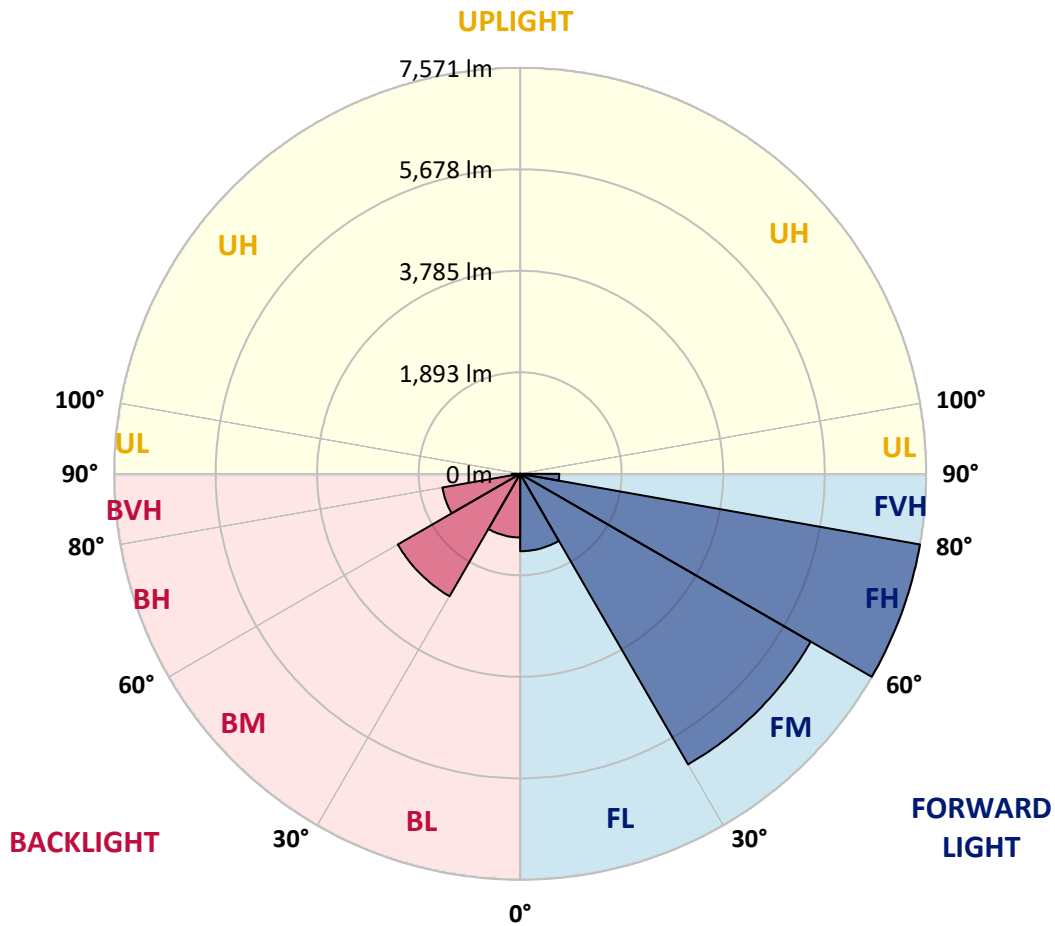
CATALOG NUMBER: GALN-SB2D-740-U-SLR

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

| Zone | Lumens | % Fixture | Zone Rating/Lumen Limit | | |
|----------------|--------|-----------|-------------------------|------|----------|
| | | | B | U | G |
| FL (0°-30°) | 1443.0 | 6.7 | | | |
| FM (30°-60°) | 6257.4 | 29.2 | | | |
| FH (60°-80°) | 7570.9 | 35.3 | | | G4/12000 |
| FVH (80°-90°) | 729.5 | 3.4 | | | G4/750 |
| BL (0°-30°) | 1187.3 | 5.5 | B3/2500 | | |
| BM (30°-60°) | 2634.9 | 12.3 | B3/5000 | | |
| BH (60°-80°) | 1474.0 | 6.9 | B3/2500 | | G3/2500 |
| BVH (80°-90°) | 156.1 | 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-G4

Type IV Short



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CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° |
|-------|---------|---------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 2950.0 | 2950.0 | 2950.0 | 2950.0 | 2950.0 | 2950.0 | 2950.0 | 2950.0 | 2950.0 | 2950.0 |
| 2.5° | 3172.4 | 3148.1 | 3123.7 | 3097.8 | 3072.0 | 3046.0 | 3019.9 | 2995.0 | 2970.1 | 2946.0 |
| 5° | 3411.3 | 3357.5 | 3303.7 | 3250.1 | 3196.5 | 3142.5 | 3088.6 | 3038.3 | 2987.9 | 2940.4 |
| 7.5° | 3651.2 | 3562.5 | 3473.9 | 3391.9 | 3309.9 | 3230.1 | 3150.3 | 3080.0 | 3009.7 | 2944.9 |
| 10° | 3835.2 | 3723.0 | 3610.8 | 3502.5 | 3394.3 | 3297.4 | 3200.4 | 3117.3 | 3034.0 | 2953.9 |
| 12.5° | 3947.8 | 3824.5 | 3701.4 | 3578.7 | 3456.0 | 3341.6 | 3227.3 | 3133.2 | 3039.2 | 2955.1 |
| 15° | 4016.3 | 3887.8 | 3759.3 | 3626.2 | 3493.1 | 3361.5 | 3229.8 | 3120.9 | 3012.0 | 2918.8 |
| 17.5° | 4054.8 | 3924.5 | 3794.2 | 3649.0 | 3503.7 | 3350.9 | 3198.1 | 3067.1 | 2936.2 | 2826.6 |
| 20° | 4097.2 | 3961.9 | 3826.4 | 3666.7 | 3507.1 | 3321.9 | 3136.8 | 2974.4 | 2812.1 | 2684.5 |
| 22.5° | 4146.5 | 4008.2 | 3869.7 | 3690.7 | 3511.7 | 3286.4 | 3061.1 | 2865.6 | 2670.1 | 2524.9 |
| 25° | 4209.9 | 4074.3 | 3938.8 | 3734.2 | 3529.6 | 3251.3 | 2973.2 | 2744.2 | 2515.3 | 2366.4 |
| 27.5° | 4295.9 | 4166.6 | 4037.3 | 3802.1 | 3566.9 | 3227.9 | 2888.8 | 2633.1 | 2377.4 | 2241.9 |
| 30° | 4411.9 | 4287.0 | 4162.1 | 3890.1 | 3618.1 | 3216.9 | 2815.5 | 2540.3 | 2265.1 | 2151.4 |
| 32.5° | 4548.9 | 4425.2 | 4301.6 | 3981.9 | 3662.2 | 3203.3 | 2744.2 | 2460.3 | 2176.3 | 2084.6 |
| 35° | 4715.3 | 4596.9 | 4478.4 | 4086.5 | 3694.6 | 3177.7 | 2661.1 | 2381.6 | 2102.1 | 2025.7 |
| 37.5° | 4995.5 | 4844.5 | 4693.5 | 4203.7 | 3713.8 | 3133.9 | 2554.0 | 2289.0 | 2024.0 | 1957.2 |
| 40° | 5418.8 | 5198.8 | 4978.7 | 4352.4 | 3726.0 | 3073.6 | 2421.3 | 2178.5 | 1935.7 | 1875.1 |
| 42.5° | 5980.3 | 5662.7 | 5345.0 | 4547.0 | 3748.9 | 3011.3 | 2273.9 | 2056.6 | 1839.3 | 1783.5 |
| 45° | 6673.7 | 6245.2 | 5816.7 | 4803.0 | 3789.3 | 2953.5 | 2117.7 | 1927.1 | 1736.5 | 1679.9 |
| 47.5° | 7540.8 | 6937.8 | 6334.6 | 5075.9 | 3817.1 | 2905.7 | 1994.3 | 1824.7 | 1655.0 | 1582.0 |
| 50° | 8677.3 | 7768.2 | 6859.0 | 5329.0 | 3799.0 | 2853.6 | 1908.3 | 1756.6 | 1604.9 | 1508.9 |
| 52.5° | 9981.9 | 8640.5 | 7299.1 | 5493.3 | 3687.5 | 2765.7 | 1844.0 | 1711.8 | 1579.7 | 1469.3 |
| 55° | 11370.9 | 9413.9 | 7457.0 | 5457.1 | 3457.1 | 2619.9 | 1782.7 | 1679.3 | 1576.0 | 1473.3 |
| 57.5° | 12634.2 | 9962.0 | 7289.8 | 5202.2 | 3114.7 | 2414.3 | 1713.8 | 1640.8 | 1567.8 | 1477.3 |
| 60° | 13397.7 | 10099.0 | 6800.1 | 4727.8 | 2655.4 | 2147.4 | 1639.4 | 1582.0 | 1524.6 | 1464.8 |
| 62.5° | 13010.0 | 9522.2 | 6034.4 | 4086.3 | 2138.1 | 1827.9 | 1517.8 | 1479.6 | 1441.6 | 1434.2 |
| 65° | 12234.0 | 8706.2 | 5178.3 | 3431.7 | 1685.3 | 1540.5 | 1395.7 | 1377.7 | 1359.7 | 1360.7 |
| 67.5° | 11194.3 | 7735.0 | 4275.8 | 2790.6 | 1305.4 | 1264.3 | 1223.1 | 1233.2 | 1243.2 | 1240.7 |
| 70° | 9945.1 | 6675.4 | 3405.6 | 2197.2 | 988.8 | 1000.6 | 1012.2 | 1058.9 | 1105.4 | 1105.4 |
| 72.5° | 8456.5 | 5526.6 | 2596.8 | 1679.8 | 762.7 | 798.2 | 833.7 | 899.8 | 965.8 | 976.9 |
| 75° | 6573.5 | 4209.8 | 1846.1 | 1219.2 | 592.3 | 624.4 | 656.6 | 730.6 | 804.6 | 855.8 |
| 77.5° | 4696.6 | 2946.5 | 1196.3 | 826.1 | 456.0 | 477.8 | 499.8 | 571.7 | 643.5 | 727.9 |
| 80° | 3073.9 | 1898.4 | 722.8 | 532.3 | 341.9 | 350.9 | 360.0 | 420.9 | 481.7 | 582.4 |
| 82.5° | 1786.9 | 1098.7 | 410.7 | 327.4 | 244.3 | 245.9 | 247.7 | 292.5 | 337.3 | 423.4 |
| 85° | 786.2 | 494.2 | 202.4 | 175.0 | 147.7 | 146.9 | 146.0 | 178.9 | 211.7 | 275.6 |
| 87.5° | 243.4 | 161.9 | 80.4 | 72.6 | 64.7 | 64.0 | 63.2 | 76.5 | 90.0 | 116.6 |
| 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° |
|--------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 2950.0 | 0° | 2950.0 | 2950.0 | 2950.0 | 2950.0 | 2950.0 | 2950.0 | 2950.0 | 2950.0 | 2950.0 | 2950.0 |
| 2919.2 | 2.5° | 2897.4 | 2875.8 | 2856.2 | 2836.8 | 2819.7 | 2802.6 | 2785.4 | 2768.3 | 2755.0 | 2741.7 |
| 2893.4 | 5° | 2852.4 | 2811.3 | 2776.9 | 2742.6 | 2712.3 | 2681.9 | 2654.4 | 2626.8 | 2605.6 | 2584.3 |
| 2884.1 | 7.5° | 2829.5 | 2775.1 | 2729.8 | 2684.5 | 2646.4 | 2608.1 | 2574.4 | 2540.8 | 2515.5 | 2490.4 |
| 2888.6 | 10° | 2831.1 | 2773.6 | 2728.3 | 2683.0 | 2642.0 | 2600.8 | 2562.8 | 2524.9 | 2494.8 | 2464.6 |
| 2894.3 | 12.5° | 2847.2 | 2800.3 | 2770.2 | 2740.3 | 2708.0 | 2675.8 | 2636.5 | 2597.4 | 2558.9 | 2520.4 |
| 2870.2 | 15° | 2847.6 | 2825.2 | 2829.3 | 2833.4 | 2825.0 | 2816.6 | 2782.6 | 2748.5 | 2693.7 | 2638.9 |
| 2796.6 | 17.5° | 2804.9 | 2813.0 | 2862.4 | 2911.7 | 2938.0 | 2964.1 | 2936.6 | 2909.2 | 2836.7 | 2764.1 |
| 2676.6 | 20° | 2715.1 | 2753.6 | 2839.3 | 2925.1 | 2980.0 | 3034.9 | 3022.2 | 3009.4 | 2926.4 | 2843.6 |
| 2540.4 | 22.5° | 2597.4 | 2654.3 | 2752.1 | 2850.1 | 2921.6 | 2993.0 | 3000.7 | 3008.3 | 2929.0 | 2849.8 |
| 2408.3 | 25° | 2474.0 | 2539.6 | 2627.6 | 2715.6 | 2785.9 | 2856.2 | 2882.5 | 2908.7 | 2843.7 | 2778.8 |
| 2292.9 | 27.5° | 2356.2 | 2419.6 | 2492.0 | 2564.2 | 2620.6 | 2676.9 | 2706.1 | 2735.5 | 2689.2 | 2643.0 |
| 2191.3 | 30° | 2241.6 | 2292.1 | 2352.1 | 2412.0 | 2458.8 | 2505.7 | 2529.4 | 2553.2 | 2518.0 | 2482.7 |
| 2102.3 | 32.5° | 2132.1 | 2161.9 | 2209.8 | 2257.8 | 2302.6 | 2347.5 | 2373.9 | 2400.4 | 2368.0 | 2335.5 |
| 2018.3 | 35° | 2026.5 | 2034.8 | 2071.3 | 2107.8 | 2152.1 | 2196.6 | 2228.3 | 2260.0 | 2236.9 | 2214.0 |
| 1930.3 | 37.5° | 1921.2 | 1912.2 | 1938.4 | 1964.6 | 2008.8 | 2053.2 | 2092.4 | 2131.5 | 2120.9 | 2110.3 |
| 1833.8 | 40° | 1813.3 | 1792.8 | 1811.8 | 1830.7 | 1873.4 | 1916.2 | 1961.3 | 2006.5 | 2009.1 | 2011.6 |
| 1731.4 | 42.5° | 1704.2 | 1677.0 | 1692.4 | 1708.0 | 1748.5 | 1789.1 | 1837.8 | 1886.5 | 1899.5 | 1912.5 |
| 1629.5 | 45° | 1603.0 | 1576.6 | 1589.5 | 1602.7 | 1641.2 | 1679.7 | 1730.1 | 1780.6 | 1799.3 | 1818.0 |
| 1538.6 | 47.5° | 1516.4 | 1494.2 | 1506.5 | 1518.6 | 1556.3 | 1593.8 | 1643.7 | 1693.5 | 1715.0 | 1736.5 |
| 1458.6 | 50° | 1438.9 | 1419.3 | 1438.3 | 1457.4 | 1493.0 | 1528.4 | 1573.0 | 1617.6 | 1645.2 | 1672.9 |
| 1398.9 | 52.5° | 1379.4 | 1360.1 | 1388.7 | 1417.3 | 1449.9 | 1482.3 | 1523.9 | 1565.5 | 1598.3 | 1631.0 |
| 1367.2 | 55° | 1336.4 | 1305.8 | 1346.4 | 1386.9 | 1422.0 | 1457.1 | 1493.6 | 1529.9 | 1564.5 | 1599.3 |
| 1348.2 | 57.5° | 1303.4 | 1258.5 | 1302.2 | 1345.9 | 1387.1 | 1428.3 | 1464.3 | 1500.5 | 1535.4 | 1570.3 |
| 1330.3 | 60° | 1272.2 | 1214.1 | 1252.4 | 1290.7 | 1338.0 | 1385.3 | 1421.9 | 1458.6 | 1493.7 | 1528.8 |
| 1309.5 | 62.5° | 1236.8 | 1164.3 | 1188.6 | 1212.9 | 1268.1 | 1323.3 | 1362.4 | 1401.4 | 1433.6 | 1465.7 |
| 1265.6 | 65° | 1188.4 | 1111.1 | 1120.4 | 1129.7 | 1188.8 | 1248.0 | 1285.4 | 1322.7 | 1351.0 | 1379.3 |
| 1187.2 | 67.5° | 1122.9 | 1058.6 | 1055.7 | 1052.8 | 1107.3 | 1162.0 | 1197.4 | 1232.7 | 1257.2 | 1281.6 |
| 1087.8 | 70° | 1042.1 | 996.4 | 986.2 | 976.0 | 1024.0 | 1072.0 | 1102.6 | 1133.1 | 1155.2 | 1177.3 |
| 977.1 | 72.5° | 945.8 | 914.4 | 899.5 | 884.7 | 922.5 | 960.2 | 987.8 | 1015.4 | 1037.0 | 1058.6 |
| 851.5 | 75° | 827.4 | 803.1 | 788.9 | 774.5 | 802.6 | 830.7 | 855.7 | 880.7 | 900.4 | 920.1 |
| 725.6 | 77.5° | 706.3 | 686.9 | 672.4 | 657.9 | 680.8 | 703.5 | 725.0 | 746.5 | 767.3 | 787.9 |
| 582.1 | 80° | 565.9 | 549.6 | 537.5 | 525.2 | 544.3 | 563.2 | 581.3 | 599.4 | 615.1 | 630.7 |
| 428.1 | 82.5° | 420.2 | 412.3 | 403.7 | 395.1 | 393.5 | 391.9 | 385.6 | 379.2 | 412.7 | 446.2 |
| 281.9 | 85° | 273.4 | 264.9 | 255.3 | 245.6 | 237.5 | 229.2 | 211.7 | 194.1 | 225.5 | 257.0 |
| 124.5 | 87.5° | 121.1 | 117.7 | 115.9 | 114.1 | 113.8 | 113.4 | 100.1 | 86.6 | 99.7 | 113.0 |
| 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):

| 105° | | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° |
|--------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 2950.0 | 0° | 2950.0 | 2950.0 | 2950.0 | 2950.0 | 2950.0 | 2950.0 | 2950.0 | 2950.0 | 2950.0 | 2950.0 |
| 2730.9 | 2.5° | 2720.2 | 2711.8 | 2703.4 | 2695.7 | 2687.9 | 2678.3 | 2687.9 | 2695.7 | 2703.4 | 2711.8 |
| 2569.5 | 5° | 2554.7 | 2544.2 | 2533.6 | 2525.6 | 2517.6 | 2509.6 | 2517.6 | 2525.6 | 2533.6 | 2544.2 |
| 2472.7 | 7.5° | 2455.1 | 2443.0 | 2431.0 | 2423.7 | 2416.6 | 2411.1 | 2416.6 | 2423.7 | 2431.0 | 2443.0 |
| 2444.9 | 10° | 2425.0 | 2413.5 | 2402.1 | 2396.0 | 2389.9 | 2387.4 | 2389.9 | 2396.0 | 2402.1 | 2413.5 |
| 2494.9 | 12.5° | 2469.4 | 2456.6 | 2444.0 | 2438.8 | 2433.6 | 2432.7 | 2433.6 | 2438.8 | 2444.0 | 2456.6 |
| 2600.2 | 15° | 2561.5 | 2543.7 | 2526.0 | 2519.2 | 2512.5 | 2511.9 | 2512.5 | 2519.2 | 2526.0 | 2543.7 |
| 2707.0 | 17.5° | 2650.0 | 2623.7 | 2597.4 | 2588.8 | 2580.0 | 2578.7 | 2580.0 | 2588.8 | 2597.4 | 2623.7 |
| 2773.6 | 20° | 2703.8 | 2670.1 | 2636.4 | 2625.7 | 2614.9 | 2611.5 | 2614.9 | 2625.7 | 2636.4 | 2670.1 |
| 2777.8 | 22.5° | 2705.7 | 2670.3 | 2634.7 | 2622.8 | 2610.9 | 2605.8 | 2610.9 | 2622.8 | 2634.7 | 2670.3 |
| 2714.7 | 25° | 2650.9 | 2620.1 | 2589.4 | 2578.2 | 2567.1 | 2560.6 | 2567.1 | 2578.2 | 2589.4 | 2620.1 |
| 2593.3 | 27.5° | 2543.6 | 2523.0 | 2502.3 | 2497.2 | 2492.1 | 2490.4 | 2492.1 | 2497.2 | 2502.3 | 2523.0 |
| 2447.1 | 30° | 2411.4 | 2400.8 | 2390.2 | 2390.2 | 2390.2 | 2391.9 | 2390.2 | 2390.2 | 2390.2 | 2400.8 |
| 2307.1 | 32.5° | 2278.7 | 2271.8 | 2264.9 | 2265.8 | 2266.8 | 2268.5 | 2266.8 | 2265.8 | 2264.9 | 2271.8 |
| 2187.7 | 35° | 2161.5 | 2151.0 | 2140.6 | 2138.3 | 2136.1 | 2134.9 | 2136.1 | 2138.3 | 2140.6 | 2151.0 |
| 2086.1 | 37.5° | 2061.9 | 2042.8 | 2023.8 | 2013.7 | 2003.6 | 1998.0 | 2003.6 | 2013.7 | 2023.8 | 2042.8 |
| 1991.1 | 40° | 1970.6 | 1942.7 | 1915.1 | 1896.3 | 1877.7 | 1866.7 | 1877.7 | 1896.3 | 1915.1 | 1942.7 |
| 1895.2 | 42.5° | 1878.0 | 1843.4 | 1808.9 | 1781.6 | 1754.4 | 1736.5 | 1754.4 | 1781.6 | 1808.9 | 1843.4 |
| 1802.4 | 45° | 1786.9 | 1747.3 | 1708.0 | 1675.9 | 1643.9 | 1623.3 | 1643.9 | 1675.9 | 1708.0 | 1747.3 |
| 1725.6 | 47.5° | 1714.7 | 1679.7 | 1644.6 | 1614.9 | 1585.4 | 1565.5 | 1585.4 | 1614.9 | 1644.6 | 1679.7 |
| 1672.2 | 50° | 1671.7 | 1643.7 | 1615.6 | 1588.2 | 1560.8 | 1541.8 | 1560.8 | 1588.2 | 1615.6 | 1643.7 |
| 1636.9 | 52.5° | 1642.7 | 1619.9 | 1597.0 | 1572.5 | 1548.0 | 1530.5 | 1548.0 | 1572.5 | 1597.0 | 1619.9 |
| 1607.4 | 55° | 1615.6 | 1595.7 | 1575.7 | 1554.2 | 1532.7 | 1516.9 | 1532.7 | 1554.2 | 1575.7 | 1595.7 |
| 1578.6 | 57.5° | 1586.8 | 1566.7 | 1546.5 | 1525.2 | 1503.9 | 1487.4 | 1503.9 | 1525.2 | 1546.5 | 1566.7 |
| 1537.8 | 60° | 1546.9 | 1527.2 | 1507.6 | 1485.6 | 1463.7 | 1446.7 | 1463.7 | 1485.6 | 1507.6 | 1527.2 |
| 1474.4 | 62.5° | 1483.1 | 1465.4 | 1447.6 | 1424.5 | 1401.4 | 1381.0 | 1401.4 | 1424.5 | 1447.6 | 1465.4 |
| 1388.3 | 65° | 1397.1 | 1380.0 | 1362.9 | 1340.5 | 1318.2 | 1300.7 | 1318.2 | 1340.5 | 1362.9 | 1380.0 |
| 1290.4 | 67.5° | 1299.0 | 1283.2 | 1267.6 | 1246.8 | 1225.9 | 1210.1 | 1225.9 | 1246.8 | 1267.6 | 1283.2 |
| 1185.6 | 70° | 1194.0 | 1181.2 | 1168.4 | 1148.5 | 1128.6 | 1110.5 | 1128.6 | 1148.5 | 1168.4 | 1181.2 |
| 1068.6 | 72.5° | 1078.6 | 1067.9 | 1057.3 | 1038.3 | 1019.4 | 1001.8 | 1019.4 | 1038.3 | 1057.3 | 1067.9 |
| 930.5 | 75° | 940.9 | 935.7 | 930.5 | 914.5 | 898.6 | 881.8 | 898.6 | 914.5 | 930.5 | 935.7 |
| 797.6 | 77.5° | 807.3 | 800.1 | 792.6 | 776.5 | 760.5 | 747.1 | 760.5 | 776.5 | 792.6 | 800.1 |
| 643.7 | 80° | 656.6 | 653.4 | 650.3 | 628.7 | 607.0 | 581.8 | 607.0 | 628.7 | 650.3 | 653.4 |
| 468.2 | 82.5° | 490.2 | 488.8 | 487.3 | 469.1 | 450.8 | 434.7 | 450.8 | 469.1 | 487.3 | 488.8 |
| 284.1 | 85° | 311.3 | 309.0 | 306.8 | 292.5 | 278.2 | 263.8 | 278.2 | 292.5 | 306.8 | 309.0 |
| 124.0 | 87.5° | 134.9 | 132.2 | 129.3 | 122.0 | 114.6 | 107.5 | 114.6 | 122.0 | 129.3 | 132.2 |
| 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):

| 160° | | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° |
|--------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 2950.0 | 0° | 2950.0 | 2950.0 | 2950.0 | 2950.0 | 2950.0 | 2950.0 | 2950.0 | 2950.0 | 2950.0 | 2950.0 |
| 2720.2 | 2.5° | 2730.9 | 2741.7 | 2755.0 | 2768.3 | 2785.4 | 2802.6 | 2819.7 | 2836.8 | 2856.2 | 2875.8 |
| 2554.7 | 5° | 2569.5 | 2584.3 | 2605.6 | 2626.8 | 2654.4 | 2681.9 | 2712.3 | 2742.6 | 2776.9 | 2811.3 |
| 2455.1 | 7.5° | 2472.7 | 2490.4 | 2515.5 | 2540.8 | 2574.4 | 2608.1 | 2646.4 | 2684.5 | 2729.8 | 2775.1 |
| 2425.0 | 10° | 2444.9 | 2464.6 | 2494.8 | 2524.9 | 2562.8 | 2600.8 | 2642.0 | 2683.0 | 2728.3 | 2773.6 |
| 2469.4 | 12.5° | 2494.9 | 2520.4 | 2558.9 | 2597.4 | 2636.5 | 2675.8 | 2708.0 | 2740.3 | 2770.2 | 2800.3 |
| 2561.5 | 15° | 2600.2 | 2638.9 | 2693.7 | 2748.5 | 2782.6 | 2816.6 | 2825.0 | 2833.4 | 2829.3 | 2825.2 |
| 2650.0 | 17.5° | 2707.0 | 2764.1 | 2836.7 | 2909.2 | 2936.6 | 2964.1 | 2938.0 | 2911.7 | 2862.4 | 2813.0 |
| 2703.8 | 20° | 2773.6 | 2843.6 | 2926.4 | 3009.4 | 3022.2 | 3034.9 | 2980.0 | 2925.1 | 2839.3 | 2753.6 |
| 2705.7 | 22.5° | 2777.8 | 2849.8 | 2929.0 | 3008.3 | 3000.7 | 2993.0 | 2921.6 | 2850.1 | 2752.1 | 2654.3 |
| 2650.9 | 25° | 2714.7 | 2778.8 | 2843.7 | 2908.7 | 2882.5 | 2856.2 | 2785.9 | 2715.6 | 2627.6 | 2539.6 |
| 2543.6 | 27.5° | 2593.3 | 2643.0 | 2689.2 | 2735.5 | 2706.1 | 2676.9 | 2620.6 | 2564.2 | 2492.0 | 2419.6 |
| 2411.4 | 30° | 2447.1 | 2482.7 | 2518.0 | 2553.2 | 2529.4 | 2505.7 | 2458.8 | 2412.0 | 2352.1 | 2292.1 |
| 2278.7 | 32.5° | 2307.1 | 2335.5 | 2368.0 | 2400.4 | 2373.9 | 2347.5 | 2302.6 | 2257.8 | 2209.8 | 2161.9 |
| 2161.5 | 35° | 2187.7 | 2214.0 | 2236.9 | 2260.0 | 2228.3 | 2196.6 | 2152.1 | 2107.8 | 2071.3 | 2034.8 |
| 2061.9 | 37.5° | 2086.1 | 2110.3 | 2120.9 | 2131.5 | 2092.4 | 2053.2 | 2008.8 | 1964.6 | 1938.4 | 1912.2 |
| 1970.6 | 40° | 1991.1 | 2011.6 | 2009.1 | 2006.5 | 1961.3 | 1916.2 | 1873.4 | 1830.7 | 1811.8 | 1792.8 |
| 1878.0 | 42.5° | 1895.2 | 1912.5 | 1899.5 | 1886.5 | 1837.8 | 1789.1 | 1748.5 | 1708.0 | 1692.4 | 1677.0 |
| 1786.9 | 45° | 1802.4 | 1818.0 | 1799.3 | 1780.6 | 1730.1 | 1679.7 | 1641.2 | 1602.7 | 1589.5 | 1576.6 |
| 1714.7 | 47.5° | 1725.6 | 1736.5 | 1715.0 | 1693.5 | 1643.7 | 1593.8 | 1556.3 | 1518.6 | 1506.5 | 1494.2 |
| 1671.7 | 50° | 1672.2 | 1672.9 | 1645.2 | 1617.6 | 1573.0 | 1528.4 | 1493.0 | 1457.4 | 1438.3 | 1419.3 |
| 1642.7 | 52.5° | 1636.9 | 1631.0 | 1598.3 | 1565.5 | 1523.9 | 1482.3 | 1449.9 | 1417.3 | 1388.7 | 1360.1 |
| 1615.6 | 55° | 1607.4 | 1599.3 | 1564.5 | 1529.9 | 1493.6 | 1457.1 | 1422.0 | 1386.9 | 1346.4 | 1305.8 |
| 1586.8 | 57.5° | 1578.6 | 1570.3 | 1535.4 | 1500.5 | 1464.3 | 1428.3 | 1387.1 | 1345.9 | 1302.2 | 1258.5 |
| 1546.9 | 60° | 1537.8 | 1528.8 | 1493.7 | 1458.6 | 1421.9 | 1385.3 | 1338.0 | 1290.7 | 1252.4 | 1214.1 |
| 1483.1 | 62.5° | 1474.4 | 1465.7 | 1433.6 | 1401.4 | 1362.4 | 1323.3 | 1268.1 | 1212.9 | 1188.6 | 1164.3 |
| 1397.1 | 65° | 1388.3 | 1379.3 | 1351.0 | 1322.7 | 1285.4 | 1248.0 | 1188.8 | 1129.7 | 1120.4 | 1111.1 |
| 1299.0 | 67.5° | 1290.4 | 1281.6 | 1257.2 | 1232.7 | 1197.4 | 1162.0 | 1107.3 | 1052.8 | 1055.7 | 1058.6 |
| 1194.0 | 70° | 1185.6 | 1177.3 | 1155.2 | 1133.1 | 1102.6 | 1072.0 | 1024.0 | 976.0 | 986.2 | 996.4 |
| 1078.6 | 72.5° | 1068.6 | 1058.6 | 1037.0 | 1015.4 | 987.8 | 960.2 | 922.5 | 884.7 | 899.5 | 914.4 |
| 940.9 | 75° | 930.5 | 920.1 | 900.4 | 880.7 | 855.7 | 830.7 | 802.6 | 774.5 | 788.9 | 803.1 |
| 807.3 | 77.5° | 797.6 | 787.9 | 767.3 | 746.5 | 725.0 | 703.5 | 680.8 | 657.9 | 672.4 | 686.9 |
| 656.6 | 80° | 643.7 | 630.7 | 615.1 | 599.4 | 581.3 | 563.2 | 544.3 | 525.2 | 537.5 | 549.6 |
| 490.2 | 82.5° | 468.2 | 446.2 | 412.7 | 379.2 | 385.6 | 391.9 | 393.5 | 395.1 | 403.7 | 412.3 |
| 311.3 | 85° | 284.1 | 257.0 | 225.5 | 194.1 | 211.7 | 229.2 | 237.5 | 245.6 | 255.3 | 264.9 |
| 134.9 | 87.5° | 124.0 | 113.0 | 99.7 | 86.6 | 100.1 | 113.4 | 113.8 | 114.1 | 115.9 | 117.7 |
| 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° |
|--------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---------|
| 2950.0 | 0° | 2950.0 | 2950.0 | 2950.0 | 2950.0 | 2950.0 | 2950.0 | 2950.0 | 2950.0 | 2950.0 | 2950.0 |
| 2897.4 | 2.5° | 2919.2 | 2946.0 | 2970.1 | 2995.0 | 3019.9 | 3046.0 | 3072.0 | 3097.8 | 3123.7 | 3148.1 |
| 2852.4 | 5° | 2893.4 | 2940.4 | 2987.9 | 3038.3 | 3088.6 | 3142.5 | 3196.5 | 3250.1 | 3303.7 | 3357.5 |
| 2829.5 | 7.5° | 2884.1 | 2944.9 | 3009.7 | 3080.0 | 3150.3 | 3230.1 | 3309.9 | 3391.9 | 3473.9 | 3562.5 |
| 2831.1 | 10° | 2888.6 | 2953.9 | 3034.0 | 3117.3 | 3200.4 | 3297.4 | 3394.3 | 3502.5 | 3610.8 | 3723.0 |
| 2847.2 | 12.5° | 2894.3 | 2955.1 | 3039.2 | 3133.2 | 3227.3 | 3341.6 | 3456.0 | 3578.7 | 3701.4 | 3824.5 |
| 2847.6 | 15° | 2870.2 | 2918.8 | 3012.0 | 3120.9 | 3229.8 | 3361.5 | 3493.1 | 3626.2 | 3759.3 | 3887.8 |
| 2804.9 | 17.5° | 2796.6 | 2826.6 | 2936.2 | 3067.1 | 3198.1 | 3350.9 | 3503.7 | 3649.0 | 3794.2 | 3924.5 |
| 2715.1 | 20° | 2676.6 | 2684.5 | 2812.1 | 2974.4 | 3136.8 | 3321.9 | 3507.1 | 3666.7 | 3826.4 | 3961.9 |
| 2597.4 | 22.5° | 2540.4 | 2524.9 | 2670.1 | 2865.6 | 3061.1 | 3286.4 | 3511.7 | 3690.7 | 3869.7 | 4008.2 |
| 2474.0 | 25° | 2408.3 | 2366.4 | 2515.3 | 2744.2 | 2973.2 | 3251.3 | 3529.6 | 3734.2 | 3938.8 | 4074.3 |
| 2356.2 | 27.5° | 2292.9 | 2241.9 | 2377.4 | 2633.1 | 2888.8 | 3227.9 | 3566.9 | 3802.1 | 4037.3 | 4166.6 |
| 2241.6 | 30° | 2191.3 | 2151.4 | 2265.1 | 2540.3 | 2815.5 | 3216.9 | 3618.1 | 3890.1 | 4162.1 | 4287.0 |
| 2132.1 | 32.5° | 2102.3 | 2084.6 | 2176.3 | 2460.3 | 2744.2 | 3203.3 | 3662.2 | 3981.9 | 4301.6 | 4425.2 |
| 2026.5 | 35° | 2018.3 | 2025.7 | 2102.1 | 2381.6 | 2661.1 | 3177.7 | 3694.6 | 4086.5 | 4478.4 | 4596.9 |
| 1921.2 | 37.5° | 1930.3 | 1957.2 | 2024.0 | 2289.0 | 2554.0 | 3133.9 | 3713.8 | 4203.7 | 4693.5 | 4844.5 |
| 1813.3 | 40° | 1833.8 | 1875.1 | 1935.7 | 2178.5 | 2421.3 | 3073.6 | 3726.0 | 4352.4 | 4978.7 | 5198.8 |
| 1704.2 | 42.5° | 1731.4 | 1783.5 | 1839.3 | 2056.6 | 2273.9 | 3011.3 | 3748.9 | 4547.0 | 5345.0 | 5662.7 |
| 1603.0 | 45° | 1629.5 | 1679.9 | 1736.5 | 1927.1 | 2117.7 | 2953.5 | 3789.3 | 4803.0 | 5816.7 | 6245.2 |
| 1516.4 | 47.5° | 1538.6 | 1582.0 | 1655.0 | 1824.7 | 1994.3 | 2905.7 | 3817.1 | 5075.9 | 6334.6 | 6937.8 |
| 1438.9 | 50° | 1458.6 | 1508.9 | 1604.9 | 1756.6 | 1908.3 | 2853.6 | 3799.0 | 5329.0 | 6859.0 | 7768.2 |
| 1379.4 | 52.5° | 1398.9 | 1469.3 | 1579.7 | 1711.8 | 1844.0 | 2765.7 | 3687.5 | 5493.3 | 7299.1 | 8640.5 |
| 1336.4 | 55° | 1367.2 | 1473.3 | 1576.0 | 1679.3 | 1782.7 | 2619.9 | 3457.1 | 5457.1 | 7457.0 | 9413.9 |
| 1303.4 | 57.5° | 1348.2 | 1477.3 | 1567.8 | 1640.8 | 1713.8 | 2414.3 | 3114.7 | 5202.2 | 7289.8 | 9962.0 |
| 1272.2 | 60° | 1330.3 | 1464.8 | 1524.6 | 1582.0 | 1639.4 | 2147.4 | 2655.4 | 4727.8 | 6800.1 | 10099.0 |
| 1236.8 | 62.5° | 1309.5 | 1434.2 | 1441.6 | 1479.6 | 1517.8 | 1827.9 | 2138.1 | 4086.3 | 6034.4 | 9522.2 |
| 1188.4 | 65° | 1265.6 | 1360.7 | 1359.7 | 1377.7 | 1395.7 | 1540.5 | 1685.3 | 3431.7 | 5178.3 | 8706.2 |
| 1122.9 | 67.5° | 1187.2 | 1240.7 | 1243.2 | 1233.2 | 1223.1 | 1264.3 | 1305.4 | 2790.6 | 4275.8 | 7735.0 |
| 1042.1 | 70° | 1087.8 | 1105.4 | 1105.4 | 1058.9 | 1012.2 | 1000.6 | 988.8 | 2197.2 | 3405.6 | 6675.4 |
| 945.8 | 72.5° | 977.1 | 976.9 | 965.8 | 899.8 | 833.7 | 798.2 | 762.7 | 1679.8 | 2596.8 | 5526.6 |
| 827.4 | 75° | 851.5 | 855.8 | 804.6 | 730.6 | 656.6 | 624.4 | 592.3 | 1219.2 | 1846.1 | 4209.8 |
| 706.3 | 77.5° | 725.6 | 727.9 | 643.5 | 571.7 | 499.8 | 477.8 | 456.0 | 826.1 | 1196.3 | 2946.5 |
| 565.9 | 80° | 582.1 | 582.4 | 481.7 | 420.9 | 360.0 | 350.9 | 341.9 | 532.3 | 722.8 | 1898.4 |
| 420.2 | 82.5° | 428.1 | 423.4 | 337.3 | 292.5 | 247.7 | 245.9 | 244.3 | 327.4 | 410.7 | 1098.7 |
| 273.4 | 85° | 281.9 | 275.6 | 211.7 | 178.9 | 146.0 | 146.9 | 147.7 | 175.0 | 202.4 | 494.2 |
| 121.1 | 87.5° | 124.5 | 116.6 | 90.0 | 76.5 | 63.2 | 64.0 | 64.7 | 72.6 | 80.4 | 161.9 |
| 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° |
|---------|-------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 2950.0 | 0° | 2950.0 | 2950.0 | 2950.0 | 2950.0 | 2950.0 | 2950.0 | 2950.0 | 2950.0 | 2950.0 | 2950.0 |
| 3172.4 | 2.5° | 3184.4 | 3196.5 | 3213.6 | 3230.7 | 3240.9 | 3251.1 | 3256.2 | 3261.3 | 3259.0 | 3261.3 |
| 3411.3 | 5° | 3453.3 | 3495.4 | 3537.0 | 3578.8 | 3601.4 | 3624.1 | 3637.8 | 3651.6 | 3662.0 | 3651.6 |
| 3651.2 | 7.5° | 3719.6 | 3787.9 | 3849.3 | 3910.8 | 3947.8 | 3984.8 | 4004.9 | 4024.8 | 4034.4 | 4024.8 |
| 3835.2 | 10° | 3916.0 | 3996.8 | 4068.9 | 4141.1 | 4184.7 | 4228.2 | 4247.7 | 4267.0 | 4274.4 | 4267.0 |
| 3947.8 | 12.5° | 4035.4 | 4122.9 | 4188.1 | 4253.1 | 4284.8 | 4316.5 | 4327.2 | 4337.8 | 4338.9 | 4337.8 |
| 4016.3 | 15° | 4091.9 | 4167.4 | 4208.3 | 4249.3 | 4250.4 | 4251.5 | 4240.2 | 4228.9 | 4215.5 | 4228.9 |
| 4054.8 | 17.5° | 4105.8 | 4156.9 | 4157.7 | 4158.4 | 4112.5 | 4066.7 | 4024.7 | 3982.6 | 3952.9 | 3982.6 |
| 4097.2 | 20° | 4115.0 | 4132.9 | 4079.1 | 4025.4 | 3924.2 | 3823.0 | 3749.3 | 3675.6 | 3630.3 | 3675.6 |
| 4146.5 | 22.5° | 4123.2 | 4099.9 | 3988.5 | 3877.1 | 3728.2 | 3579.4 | 3487.2 | 3395.1 | 3345.0 | 3395.1 |
| 4209.9 | 25° | 4136.3 | 4062.7 | 3893.6 | 3724.5 | 3543.7 | 3362.9 | 3266.0 | 3169.4 | 3122.0 | 3169.4 |
| 4295.9 | 27.5° | 4164.4 | 4032.7 | 3808.7 | 3584.8 | 3384.4 | 3184.1 | 3088.8 | 2993.6 | 2948.8 | 2993.6 |
| 4411.9 | 30° | 4215.8 | 4019.7 | 3744.0 | 3468.2 | 3259.5 | 3050.7 | 2962.3 | 2873.9 | 2832.2 | 2873.9 |
| 4548.9 | 32.5° | 4280.3 | 4011.8 | 3699.8 | 3387.8 | 3191.7 | 2995.5 | 2926.1 | 2856.6 | 2826.6 | 2856.6 |
| 4715.3 | 35° | 4386.6 | 4058.0 | 3732.9 | 3407.9 | 3271.6 | 3135.4 | 3119.2 | 3103.0 | 3100.5 | 3103.0 |
| 4995.5 | 37.5° | 4608.8 | 4222.1 | 3926.7 | 3631.2 | 3622.4 | 3613.5 | 3687.6 | 3761.6 | 3800.1 | 3761.6 |
| 5418.8 | 40° | 4998.3 | 4577.8 | 4358.1 | 4138.3 | 4293.4 | 4448.5 | 4628.5 | 4808.5 | 4898.1 | 4808.5 |
| 5980.3 | 42.5° | 5563.1 | 5145.8 | 5019.3 | 4892.7 | 5230.9 | 5569.2 | 5896.5 | 6223.9 | 6416.1 | 6223.9 |
| 6673.7 | 45° | 6298.9 | 5923.9 | 5868.1 | 5812.2 | 6354.1 | 6896.1 | 7434.0 | 7972.1 | 8298.6 | 7972.1 |
| 7540.8 | 47.5° | 7176.2 | 6811.4 | 6800.1 | 6788.8 | 7570.5 | 8352.1 | 9139.6 | 9927.0 | 10389.4 | 9927.0 |
| 8677.3 | 50° | 8226.9 | 7776.6 | 7778.5 | 7780.4 | 8787.9 | 9795.4 | 10834.9 | 11874.4 | 12502.9 | 11874.4 |
| 9981.9 | 52.5° | 9436.5 | 8891.2 | 8836.1 | 8780.9 | 9984.3 | 11187.7 | 12473.9 | 13759.9 | 14513.3 | 13759.9 |
| 11370.9 | 55° | 10832.0 | 10293.2 | 10078.2 | 9863.3 | 11202.6 | 12541.9 | 14075.2 | 15608.5 | 16504.4 | 15608.5 |
| 12634.2 | 57.5° | 12340.8 | 12047.2 | 11616.1 | 11185.0 | 12537.4 | 13889.8 | 15626.5 | 17363.1 | 18474.1 | 17363.1 |
| 13397.7 | 60° | 13853.4 | 14309.3 | 13773.9 | 13238.4 | 14518.3 | 15798.1 | 17657.5 | 19516.9 | 20717.7 | 19516.9 |
| 13010.0 | 62.5° | 14255.3 | 15500.6 | 15440.3 | 15379.8 | 16552.2 | 17724.7 | 19493.8 | 21262.8 | 22372.7 | 21262.8 |
| 12234.0 | 65° | 13402.8 | 14571.6 | 14802.8 | 15034.0 | 16523.9 | 18014.0 | 19729.4 | 21444.7 | 22389.7 | 21444.7 |
| 11194.3 | 67.5° | 12305.9 | 13417.5 | 13526.0 | 13634.3 | 15186.7 | 16739.0 | 18461.8 | 20184.6 | 20924.9 | 20184.6 |
| 9945.1 | 70° | 11154.2 | 12363.4 | 12411.8 | 12460.4 | 13848.7 | 15236.8 | 16719.4 | 18201.9 | 18613.4 | 18201.9 |
| 8456.5 | 72.5° | 9844.0 | 11231.6 | 11266.5 | 11301.2 | 12387.4 | 13473.5 | 14583.9 | 15694.2 | 15735.8 | 15694.2 |
| 6573.5 | 75° | 8009.5 | 9445.6 | 9574.5 | 9703.4 | 10548.5 | 11393.5 | 12175.1 | 12956.8 | 12747.4 | 12956.8 |
| 4696.6 | 77.5° | 6037.1 | 7377.8 | 7562.3 | 7746.8 | 8389.2 | 9031.6 | 9585.9 | 10140.4 | 9780.4 | 10140.4 |
| 3073.9 | 80° | 4201.7 | 5329.4 | 5558.8 | 5788.1 | 6273.3 | 6758.2 | 7049.4 | 7340.4 | 6761.4 | 7340.4 |
| 1786.9 | 82.5° | 2557.9 | 3329.0 | 3585.1 | 3841.4 | 4175.4 | 4509.3 | 4630.8 | 4752.1 | 4297.0 | 4752.1 |
| 786.2 | 85° | 1195.4 | 1604.6 | 1822.5 | 2040.4 | 2314.8 | 2589.1 | 2658.0 | 2727.0 | 2362.5 | 2727.0 |
| 243.4 | 87.5° | 380.9 | 518.5 | 640.0 | 761.6 | 898.8 | 1036.0 | 1041.9 | 1047.7 | 879.6 | 1047.7 |
| 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):

| 325° | | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|---------|-------|---------|---------|---------|---------|---------|---------|---------|
| 2950.0 | 0° | 2950.0 | 2950.0 | 2950.0 | 2950.0 | 2950.0 | 2950.0 | 2950.0 |
| 3256.2 | 2.5° | 3251.1 | 3240.9 | 3230.7 | 3213.6 | 3196.5 | 3184.4 | 3172.4 |
| 3637.8 | 5° | 3624.1 | 3601.4 | 3578.8 | 3537.0 | 3495.4 | 3453.3 | 3411.3 |
| 4004.9 | 7.5° | 3984.8 | 3947.8 | 3910.8 | 3849.3 | 3787.9 | 3719.6 | 3651.2 |
| 4247.7 | 10° | 4228.2 | 4184.7 | 4141.1 | 4068.9 | 3996.8 | 3916.0 | 3835.2 |
| 4327.2 | 12.5° | 4316.5 | 4284.8 | 4253.1 | 4188.1 | 4122.9 | 4035.4 | 3947.8 |
| 4240.2 | 15° | 4251.5 | 4250.4 | 4249.3 | 4208.3 | 4167.4 | 4091.9 | 4016.3 |
| 4024.7 | 17.5° | 4066.7 | 4112.5 | 4158.4 | 4157.7 | 4156.9 | 4105.8 | 4054.8 |
| 3749.3 | 20° | 3823.0 | 3924.2 | 4025.4 | 4079.1 | 4132.9 | 4115.0 | 4097.2 |
| 3487.2 | 22.5° | 3579.4 | 3728.2 | 3877.1 | 3988.5 | 4099.9 | 4123.2 | 4146.5 |
| 3266.0 | 25° | 3362.9 | 3543.7 | 3724.5 | 3893.6 | 4062.7 | 4136.3 | 4209.9 |
| 3088.8 | 27.5° | 3184.1 | 3384.4 | 3584.8 | 3808.7 | 4032.7 | 4164.4 | 4295.9 |
| 2962.3 | 30° | 3050.7 | 3259.5 | 3468.2 | 3744.0 | 4019.7 | 4215.8 | 4411.9 |
| 2926.1 | 32.5° | 2995.5 | 3191.7 | 3387.8 | 3699.8 | 4011.8 | 4280.3 | 4548.9 |
| 3119.2 | 35° | 3135.4 | 3271.6 | 3407.9 | 3732.9 | 4058.0 | 4386.6 | 4715.3 |
| 3687.6 | 37.5° | 3613.5 | 3622.4 | 3631.2 | 3926.7 | 4222.1 | 4608.8 | 4995.5 |
| 4628.5 | 40° | 4448.5 | 4293.4 | 4138.3 | 4358.1 | 4577.8 | 4998.3 | 5418.8 |
| 5896.5 | 42.5° | 5569.2 | 5230.9 | 4892.7 | 5019.3 | 5145.8 | 5563.1 | 5980.3 |
| 7434.0 | 45° | 6896.1 | 6354.1 | 5812.2 | 5868.1 | 5923.9 | 6298.9 | 6673.7 |
| 9139.6 | 47.5° | 8352.1 | 7570.5 | 6788.8 | 6800.1 | 6811.4 | 7176.2 | 7540.8 |
| 10834.9 | 50° | 9795.4 | 8787.9 | 7780.4 | 7778.5 | 7776.6 | 8226.9 | 8677.3 |
| 12473.9 | 52.5° | 11187.7 | 9984.3 | 8780.9 | 8836.1 | 8891.2 | 9436.5 | 9981.9 |
| 14075.2 | 55° | 12541.9 | 11202.6 | 9863.3 | 10078.2 | 10293.2 | 10832.0 | 11370.9 |
| 15626.5 | 57.5° | 13889.8 | 12537.4 | 11185.0 | 11616.1 | 12047.2 | 12340.8 | 12634.2 |
| 17657.5 | 60° | 15798.1 | 14518.3 | 13238.4 | 13773.9 | 14309.3 | 13853.4 | 13397.7 |
| 19493.8 | 62.5° | 17724.7 | 16552.2 | 15379.8 | 15440.3 | 15500.6 | 14255.3 | 13010.0 |
| 19729.4 | 65° | 18014.0 | 16523.9 | 15034.0 | 14802.8 | 14571.6 | 13402.8 | 12234.0 |
| 18461.8 | 67.5° | 16739.0 | 15186.7 | 13634.3 | 13526.0 | 13417.5 | 12305.9 | 11194.3 |
| 16719.4 | 70° | 15236.8 | 13848.7 | 12460.4 | 12411.8 | 12363.4 | 11154.2 | 9945.1 |
| 14583.9 | 72.5° | 13473.5 | 12387.4 | 11301.2 | 11266.5 | 11231.6 | 9844.0 | 8456.5 |
| 12175.1 | 75° | 11393.5 | 10548.5 | 9703.4 | 9574.5 | 9445.6 | 8009.5 | 6573.5 |
| 9585.9 | 77.5° | 9031.6 | 8389.2 | 7746.8 | 7562.3 | 7377.8 | 6037.1 | 4696.6 |
| 7049.4 | 80° | 6758.2 | 6273.3 | 5788.1 | 5558.8 | 5329.4 | 4201.7 | 3073.9 |
| 4630.8 | 82.5° | 4509.3 | 4175.4 | 3841.4 | 3585.1 | 3329.0 | 2557.9 | 1786.9 |
| 2658.0 | 85° | 2589.1 | 2314.8 | 2040.4 | 1822.5 | 1604.6 | 1195.4 | 786.2 |
| 1041.9 | 87.5° | 1036.0 | 898.8 | 761.6 | 640.0 | 518.5 | 380.9 | 243.4 |
| 0.0 | 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

(END OF REPORT)