

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: P949168

Luminaire Tested: **GALN-SB4A-730-U-SLR**

Issue Date: 1/21/2025

### Test Information

Test Method: LM-79-08  
Report Number: P949168  
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-SB4A-730-U-SLR  
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE  
(4) 70 CRI, 3000K, 350mA LIGHTSQUARES WITH 26 LEDS EACH AND SPILL LIGHT  
ELIMINATOR RIGHT OPTICS  
Light Source: -  
Ballast/Driver: -

### Summary

Lumens per Lamp: N/A  
Luminaire Lumens: 17914 lumens  
Efficiency: N/A  
Efficacy: 157.1 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): 114  
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

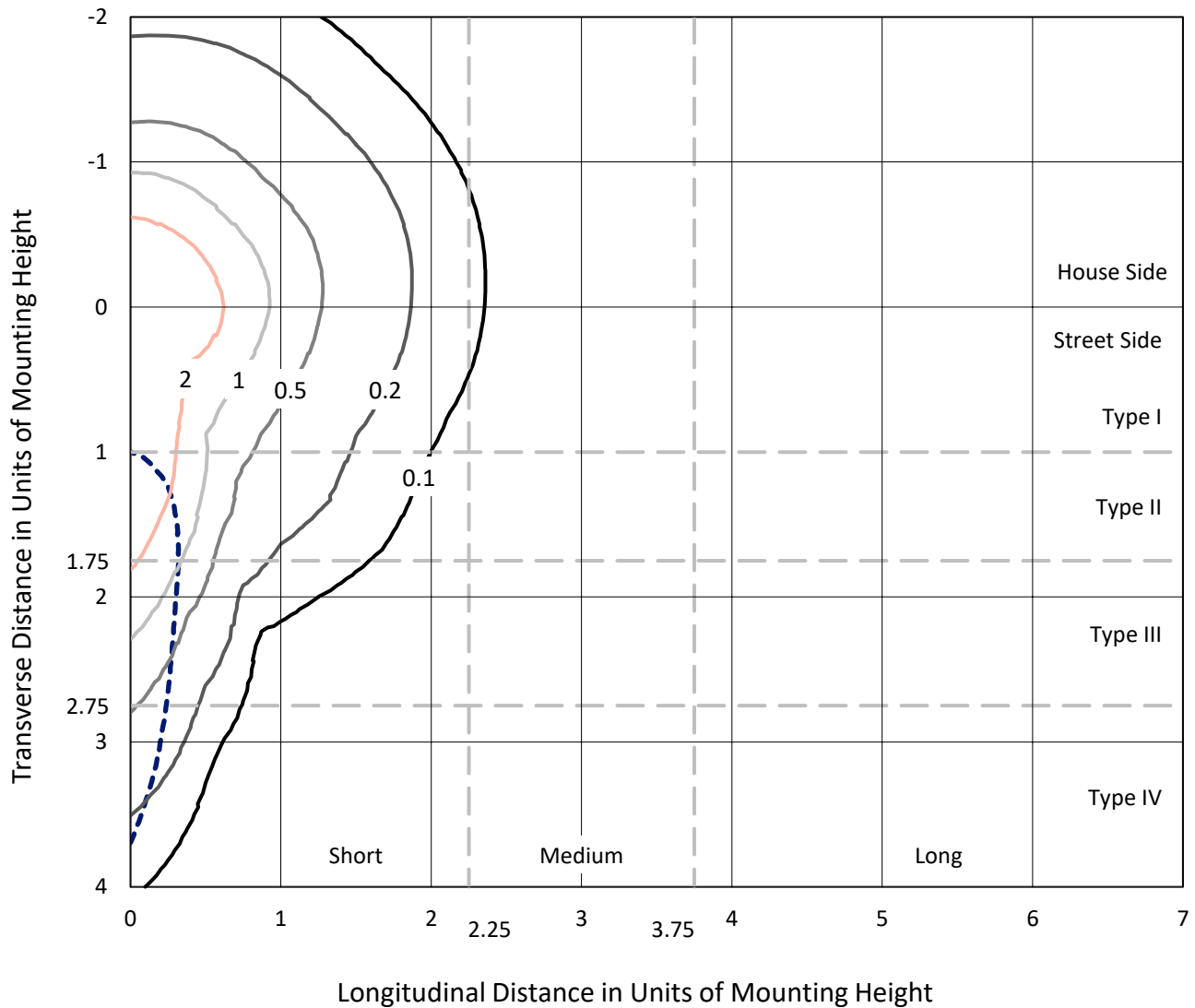


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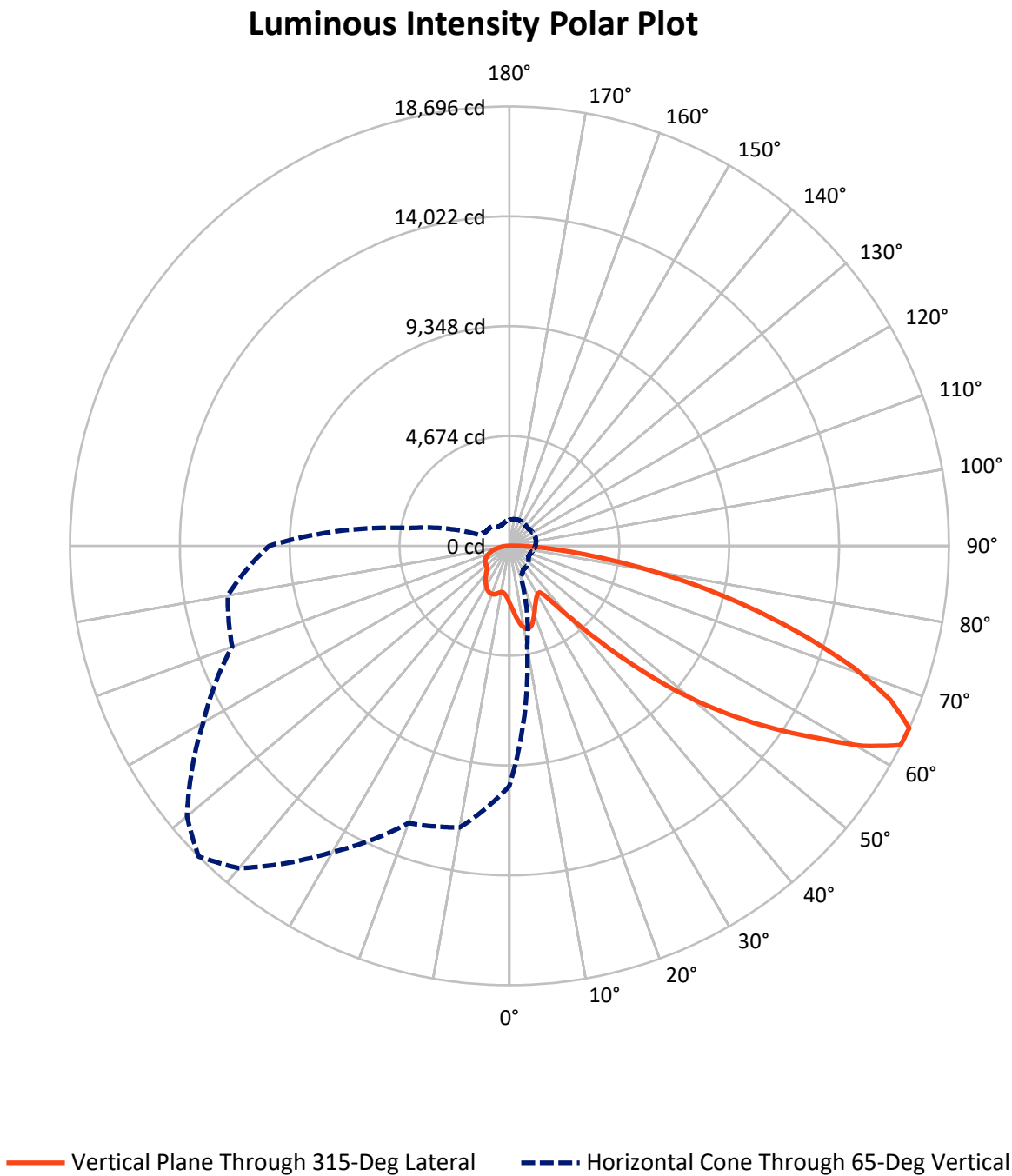
## Iso-Footcandle Lines of Horizontal Illumination

× Max cd  
--- 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 4.9 fc  
Type IV - Short - N/A

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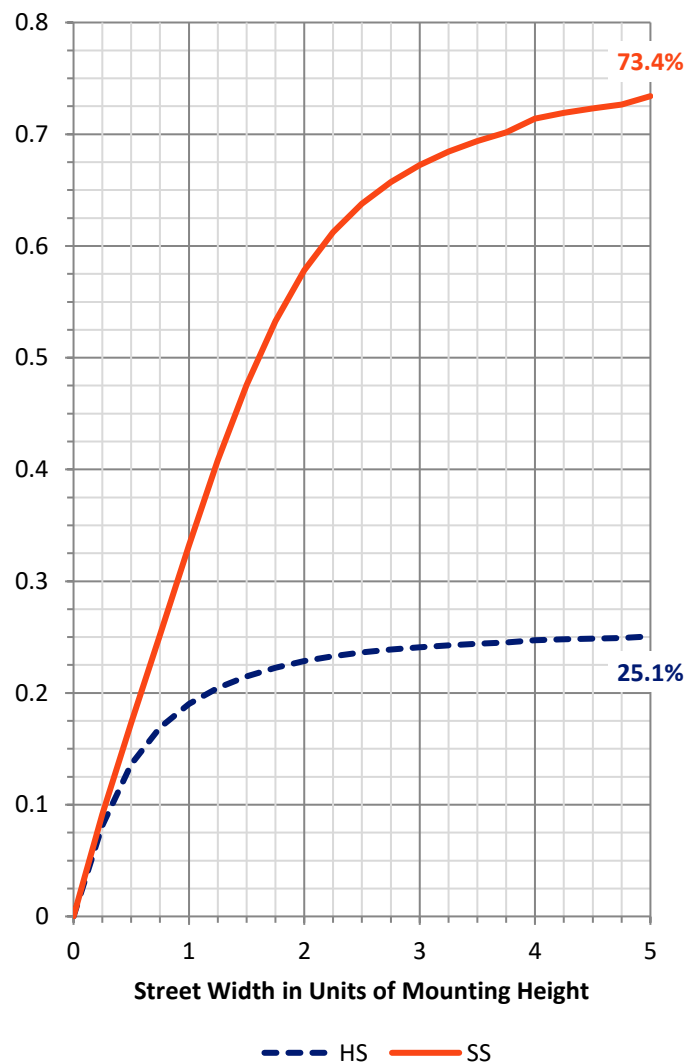
**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total   |
|--------------------|-----------|----------|--------|---------|
| <b>House Side</b>  | Lumens    | 4552.8   | 0.0    | 4552.8  |
|                    | % Fixture | 25.4     | 0.0    | 25.4    |
| <b>Street Side</b> | Lumens    | 13361.2  | 0.0    | 13361.2 |
|                    | % Fixture | 74.6     | 0.0    | 74.6    |
| <b>Total</b>       | Lumens    | 17914.0  | 0.0    | 17914.0 |
|                    | % Fixture | 100.0    | 0.0    | 100.0   |

**ZONAL LUMENS:**

| Zone      | Lumens  | % Fixture |
|-----------|---------|-----------|
| 0°-10°    | 244.4   | 1.4       |
| 10°-20°   | 767.1   | 4.3       |
| 20°-30°   | 1184.9  | 6.6       |
| 30°-40°   | 1501.6  | 8.4       |
| 40°-50°   | 2264.7  | 12.6      |
| 50°-60°   | 3659.0  | 20.4      |
| 60°-70°   | 4561.6  | 25.5      |
| 70°-80°   | 2991.2  | 16.7      |
| 80°-90°   | 739.5   | 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°    | 17914.0 | 100.0     |
| 0°-180°   | 17914.0 | 100.0     |

**Coefficient of Utilization**



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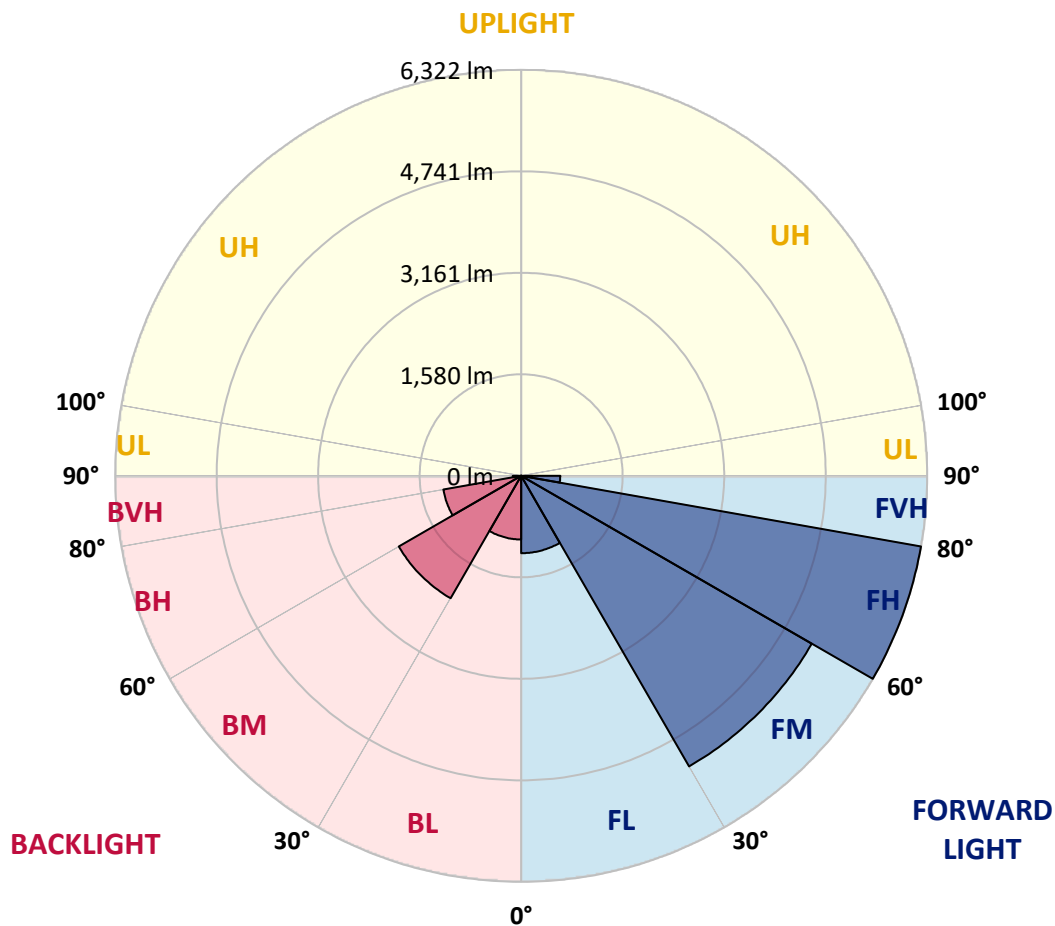
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

| Zone |             | Lumens | % Fixture | Zone Rating/Lumen Limit |      |         |
|------|-------------|--------|-----------|-------------------------|------|---------|
|      |             |        |           | B                       | U    | G       |
| FL   | (0°-30°)    | 1204.9 | 6.7       |                         |      |         |
| FM   | (30°-60°)   | 5225.1 | 29.2      |                         |      |         |
| FH   | (60°-80°)   | 6321.9 | 35.3      |                         |      | G3/7500 |
| FVH  | (80°-90°)   | 609.2  | 3.4       |                         |      | G4/750  |
| BL   | (0°-30°)    | 991.4  | 5.5       | B2/1000                 |      |         |
| BM   | (30°-60°)   | 2200.2 | 12.3      | B2/2500                 |      |         |
| BH   | (60°-80°)   | 1230.9 | 6.9       | B3/2500                 |      | G3/2500 |
| BVH  | (80°-90°)   | 130.3  | 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°    | 50°    |
|-------|---------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 2463.3  | 2463.3 | 2463.3 | 2463.3 | 2463.3 | 2463.3 | 2463.3 | 2463.3 | 2463.3 | 2463.3 | 2463.3 |
| 2.5°  | 2649.1  | 2628.7 | 2608.4 | 2586.8 | 2565.2 | 2543.5 | 2521.7 | 2501.0 | 2480.2 | 2460.0 | 2437.6 |
| 5°    | 2848.5  | 2803.6 | 2758.7 | 2713.9 | 2669.2 | 2624.1 | 2579.1 | 2537.1 | 2495.0 | 2455.3 | 2416.1 |
| 7.5°  | 3048.9  | 2974.8 | 2900.8 | 2832.4 | 2763.9 | 2697.3 | 2630.6 | 2571.9 | 2513.2 | 2459.1 | 2408.3 |
| 10°   | 3202.5  | 3108.8 | 3015.2 | 2924.7 | 2834.3 | 2753.4 | 2672.4 | 2603.0 | 2533.5 | 2466.6 | 2412.1 |
| 12.5° | 3296.6  | 3193.6 | 3090.8 | 2988.3 | 2885.9 | 2790.4 | 2694.9 | 2616.4 | 2537.8 | 2467.6 | 2416.8 |
| 15°   | 3353.8  | 3246.5 | 3139.2 | 3028.0 | 2916.9 | 2806.9 | 2697.0 | 2606.1 | 2515.1 | 2437.3 | 2396.7 |
| 17.5° | 3385.9  | 3277.1 | 3168.3 | 3047.0 | 2925.7 | 2798.1 | 2670.5 | 2561.2 | 2451.8 | 2360.3 | 2335.2 |
| 20°   | 3421.3  | 3308.3 | 3195.1 | 3061.9 | 2928.6 | 2773.9 | 2619.3 | 2483.7 | 2348.2 | 2241.7 | 2235.1 |
| 22.5° | 3462.5  | 3347.0 | 3231.3 | 3081.9 | 2932.4 | 2744.3 | 2556.2 | 2392.9 | 2229.7 | 2108.4 | 2121.3 |
| 25°   | 3515.4  | 3402.2 | 3289.0 | 3118.2 | 2947.3 | 2715.0 | 2482.7 | 2291.5 | 2100.4 | 1976.1 | 2011.0 |
| 27.5° | 3587.2  | 3479.3 | 3371.2 | 3174.9 | 2978.5 | 2695.4 | 2412.3 | 2198.8 | 1985.2 | 1872.1 | 1914.6 |
| 30°   | 3684.1  | 3579.8 | 3475.5 | 3248.4 | 3021.2 | 2686.2 | 2351.0 | 2121.2 | 1891.5 | 1796.5 | 1829.8 |
| 32.5° | 3798.5  | 3695.2 | 3592.0 | 3325.0 | 3058.1 | 2674.9 | 2291.5 | 2054.4 | 1817.2 | 1740.7 | 1755.5 |
| 35°   | 3937.5  | 3838.6 | 3739.6 | 3412.4 | 3085.1 | 2653.5 | 2222.1 | 1988.7 | 1755.3 | 1691.5 | 1685.4 |
| 37.5° | 4171.4  | 4045.3 | 3919.2 | 3510.2 | 3101.2 | 2616.9 | 2132.7 | 1911.4 | 1690.1 | 1634.3 | 1611.8 |
| 40°   | 4524.9  | 4341.2 | 4157.4 | 3634.4 | 3111.3 | 2566.6 | 2021.9 | 1819.1 | 1616.4 | 1565.8 | 1531.3 |
| 42.5° | 4993.8  | 4728.5 | 4463.3 | 3796.9 | 3130.5 | 2514.6 | 1898.8 | 1717.3 | 1535.8 | 1489.2 | 1445.8 |
| 45°   | 5572.7  | 5215.0 | 4857.2 | 4010.7 | 3164.2 | 2466.3 | 1768.4 | 1609.2 | 1450.0 | 1402.8 | 1360.7 |
| 47.5° | 6296.8  | 5793.3 | 5289.6 | 4238.5 | 3187.4 | 2426.4 | 1665.3 | 1523.7 | 1382.0 | 1321.0 | 1284.8 |
| 50°   | 7245.8  | 6486.7 | 5727.5 | 4449.9 | 3172.3 | 2382.9 | 1593.5 | 1466.8 | 1340.2 | 1260.0 | 1218.0 |
| 52.5° | 8335.2  | 7215.1 | 6095.0 | 4587.1 | 3079.2 | 2309.4 | 1539.8 | 1429.4 | 1319.1 | 1226.9 | 1168.1 |
| 55°   | 9495.1  | 7860.9 | 6226.9 | 4556.9 | 2886.8 | 2187.7 | 1488.6 | 1402.3 | 1316.0 | 1230.2 | 1141.7 |
| 57.5° | 10550.0 | 8318.6 | 6087.2 | 4344.0 | 2600.9 | 2016.0 | 1431.1 | 1370.1 | 1309.2 | 1233.6 | 1125.8 |
| 60°   | 11187.5 | 8433.0 | 5678.3 | 3947.8 | 2217.4 | 1793.1 | 1368.9 | 1321.0 | 1273.1 | 1223.2 | 1110.9 |
| 62.5° | 10863.8 | 7951.4 | 5039.0 | 3412.2 | 1785.4 | 1526.4 | 1267.4 | 1235.5 | 1203.8 | 1197.6 | 1093.5 |
| 65°   | 10215.8 | 7269.9 | 4324.1 | 2865.6 | 1407.3 | 1286.4 | 1165.5 | 1150.5 | 1135.4 | 1136.2 | 1056.8 |
| 67.5° | 9347.6  | 6459.0 | 3570.4 | 2330.2 | 1090.1 | 1055.8 | 1021.3 | 1029.8 | 1038.1 | 1036.0 | 991.4  |
| 70°   | 8304.5  | 5574.2 | 2843.8 | 1834.7 | 825.7  | 835.5  | 845.2  | 884.2  | 923.0  | 923.0  | 908.4  |
| 72.5° | 7061.5  | 4614.9 | 2168.4 | 1402.7 | 636.9  | 666.5  | 696.2  | 751.4  | 806.5  | 815.8  | 815.9  |
| 75°   | 5489.1  | 3515.3 | 1541.5 | 1018.0 | 494.6  | 521.4  | 548.2  | 610.1  | 671.9  | 714.6  | 711.0  |
| 77.5° | 3921.9  | 2460.4 | 998.9  | 689.8  | 380.7  | 399.0  | 417.3  | 477.4  | 537.4  | 607.8  | 605.9  |
| 80°   | 2566.8  | 1585.2 | 603.5  | 444.5  | 285.5  | 293.0  | 300.6  | 351.4  | 402.2  | 486.3  | 486.0  |
| 82.5° | 1492.1  | 917.5  | 342.9  | 273.4  | 204.0  | 205.3  | 206.8  | 244.3  | 281.7  | 353.5  | 357.5  |
| 85°   | 656.5   | 412.7  | 169.0  | 146.1  | 123.4  | 122.7  | 121.9  | 149.3  | 176.8  | 230.2  | 235.4  |
| 87.5° | 203.2   | 135.2  | 67.1   | 60.6   | 54.1   | 53.4   | 52.7   | 63.9   | 75.1   | 97.4   | 104.0  |
| 90°   | 0.0     | 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):**

|       | 55°    | 60°    | 65°    | 70°    | 75°    | 80°    | 85°    | 90°    | 95°    | 100°   | 105°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 2463.3 | 2463.3 | 2463.3 | 2463.3 | 2463.3 | 2463.3 | 2463.3 | 2463.3 | 2463.3 | 2463.3 | 2463.3 |
| 2.5°  | 2419.5 | 2401.4 | 2385.1 | 2368.8 | 2354.5 | 2340.3 | 2325.9 | 2311.6 | 2300.6 | 2289.4 | 2280.4 |
| 5°    | 2381.8 | 2347.5 | 2318.8 | 2290.2 | 2264.8 | 2239.5 | 2216.5 | 2193.5 | 2175.8 | 2158.0 | 2145.6 |
| 7.5°  | 2362.8 | 2317.3 | 2279.5 | 2241.7 | 2209.8 | 2177.9 | 2149.7 | 2121.6 | 2100.5 | 2079.6 | 2064.8 |
| 10°   | 2364.1 | 2316.1 | 2278.2 | 2240.4 | 2206.1 | 2171.7 | 2140.1 | 2108.4 | 2083.2 | 2058.0 | 2041.6 |
| 12.5° | 2377.5 | 2338.4 | 2313.2 | 2288.3 | 2261.2 | 2234.4 | 2201.6 | 2168.9 | 2136.7 | 2104.6 | 2083.3 |
| 15°   | 2377.9 | 2359.2 | 2362.6 | 2366.0 | 2359.0 | 2352.0 | 2323.5 | 2295.1 | 2249.3 | 2203.6 | 2171.2 |
| 17.5° | 2342.1 | 2349.0 | 2390.2 | 2431.4 | 2453.3 | 2475.1 | 2452.2 | 2429.3 | 2368.7 | 2308.1 | 2260.5 |
| 20°   | 2267.2 | 2299.3 | 2370.9 | 2442.5 | 2488.4 | 2534.2 | 2523.6 | 2513.0 | 2443.7 | 2374.5 | 2316.1 |
| 22.5° | 2168.9 | 2216.4 | 2298.1 | 2380.0 | 2439.6 | 2499.2 | 2505.7 | 2512.0 | 2445.8 | 2379.7 | 2319.6 |
| 25°   | 2065.9 | 2120.7 | 2194.1 | 2267.7 | 2326.4 | 2385.1 | 2407.0 | 2428.8 | 2374.6 | 2320.4 | 2266.9 |
| 27.5° | 1967.5 | 2020.5 | 2080.9 | 2141.2 | 2188.3 | 2235.3 | 2259.7 | 2284.2 | 2245.5 | 2207.0 | 2165.5 |
| 30°   | 1871.8 | 1913.9 | 1964.0 | 2014.1 | 2053.2 | 2092.3 | 2112.2 | 2132.0 | 2102.6 | 2073.1 | 2043.4 |
| 32.5° | 1780.4 | 1805.2 | 1845.2 | 1885.3 | 1922.7 | 1960.3 | 1982.3 | 2004.4 | 1977.4 | 1950.2 | 1926.5 |
| 35°   | 1692.2 | 1699.1 | 1729.6 | 1760.1 | 1797.1 | 1834.3 | 1860.7 | 1887.2 | 1867.9 | 1848.7 | 1826.8 |
| 37.5° | 1604.3 | 1596.7 | 1618.7 | 1640.5 | 1677.4 | 1714.5 | 1747.2 | 1779.9 | 1771.0 | 1762.1 | 1742.0 |
| 40°   | 1514.2 | 1497.1 | 1512.9 | 1528.7 | 1564.4 | 1600.1 | 1637.7 | 1675.5 | 1677.6 | 1679.7 | 1662.6 |
| 42.5° | 1423.1 | 1400.4 | 1413.2 | 1426.2 | 1460.0 | 1494.0 | 1534.6 | 1575.3 | 1586.1 | 1597.0 | 1582.5 |
| 45°   | 1338.6 | 1316.5 | 1327.3 | 1338.3 | 1370.4 | 1402.6 | 1444.7 | 1486.9 | 1502.5 | 1518.1 | 1505.0 |
| 47.5° | 1266.3 | 1247.7 | 1257.9 | 1268.1 | 1299.5 | 1330.9 | 1372.5 | 1414.1 | 1432.1 | 1450.0 | 1440.9 |
| 50°   | 1201.5 | 1185.2 | 1201.0 | 1217.0 | 1246.7 | 1276.3 | 1313.5 | 1350.8 | 1373.8 | 1396.9 | 1396.3 |
| 52.5° | 1151.9 | 1135.7 | 1159.6 | 1183.5 | 1210.7 | 1237.8 | 1272.5 | 1307.3 | 1334.6 | 1361.9 | 1366.8 |
| 55°   | 1116.0 | 1090.3 | 1124.3 | 1158.1 | 1187.4 | 1216.7 | 1247.2 | 1277.5 | 1306.4 | 1335.5 | 1342.3 |
| 57.5° | 1088.4 | 1050.9 | 1087.4 | 1123.9 | 1158.3 | 1192.7 | 1222.8 | 1252.9 | 1282.1 | 1311.3 | 1318.2 |
| 60°   | 1062.4 | 1013.8 | 1045.8 | 1077.8 | 1117.3 | 1156.8 | 1187.3 | 1218.0 | 1247.3 | 1276.6 | 1284.1 |
| 62.5° | 1032.8 | 972.2  | 992.5  | 1012.8 | 1058.9 | 1105.0 | 1137.6 | 1170.2 | 1197.1 | 1223.9 | 1231.2 |
| 65°   | 992.3  | 927.8  | 935.6  | 943.4  | 992.7  | 1042.1 | 1073.3 | 1104.5 | 1128.2 | 1151.8 | 1159.3 |
| 67.5° | 937.7  | 884.0  | 881.5  | 879.1  | 924.6  | 970.3  | 999.9  | 1029.4 | 1049.8 | 1070.2 | 1077.5 |
| 70°   | 870.2  | 832.0  | 823.5  | 815.0  | 855.1  | 895.2  | 920.7  | 946.2  | 964.6  | 983.1  | 990.1  |
| 72.5° | 789.8  | 763.6  | 751.1  | 738.7  | 770.3  | 801.8  | 824.8  | 847.9  | 865.9  | 884.0  | 892.3  |
| 75°   | 690.9  | 670.7  | 658.7  | 646.7  | 670.2  | 693.6  | 714.5  | 735.4  | 751.9  | 768.3  | 777.0  |
| 77.5° | 589.7  | 573.6  | 561.5  | 549.4  | 568.5  | 587.5  | 605.4  | 623.4  | 640.7  | 657.9  | 666.0  |
| 80°   | 472.5  | 458.9  | 448.8  | 438.6  | 454.5  | 470.3  | 485.4  | 500.5  | 513.7  | 526.7  | 537.5  |
| 82.5° | 350.9  | 344.3  | 337.1  | 329.9  | 328.6  | 327.2  | 322.0  | 316.7  | 344.6  | 372.6  | 391.0  |
| 85°   | 228.3  | 221.2  | 213.2  | 205.1  | 198.3  | 191.4  | 176.8  | 162.1  | 188.3  | 214.6  | 237.3  |
| 87.5° | 101.1  | 98.3   | 96.8   | 95.3   | 95.0   | 94.7   | 83.6   | 72.3   | 83.3   | 94.3   | 103.5  |
| 90°   | 0.0    | 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):**

|       | 110°   | 115°   | 120°   | 125°   | 130°   | 135°   | 140°   | 145°   | 150°   | 155°   | 160°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 2463.3 | 2463.3 | 2463.3 | 2463.3 | 2463.3 | 2463.3 | 2463.3 | 2463.3 | 2463.3 | 2463.3 | 2463.3 |
| 2.5°  | 2271.4 | 2264.4 | 2257.5 | 2251.0 | 2244.5 | 2236.5 | 2244.5 | 2251.0 | 2257.5 | 2264.4 | 2271.4 |
| 5°    | 2133.2 | 2124.5 | 2115.7 | 2109.0 | 2102.2 | 2095.6 | 2102.2 | 2109.0 | 2115.7 | 2124.5 | 2133.2 |
| 7.5°  | 2050.1 | 2040.0 | 2029.9 | 2023.9 | 2017.9 | 2013.4 | 2017.9 | 2023.9 | 2029.9 | 2040.0 | 2050.1 |
| 10°   | 2024.9 | 2015.4 | 2005.8 | 2000.7 | 1995.6 | 1993.5 | 1995.6 | 2000.7 | 2005.8 | 2015.4 | 2024.9 |
| 12.5° | 2062.1 | 2051.4 | 2040.8 | 2036.5 | 2032.1 | 2031.3 | 2032.1 | 2036.5 | 2040.8 | 2051.4 | 2062.1 |
| 15°   | 2138.9 | 2124.1 | 2109.3 | 2103.7 | 2098.0 | 2097.5 | 2098.0 | 2103.7 | 2109.3 | 2124.1 | 2138.9 |
| 17.5° | 2212.8 | 2190.9 | 2168.9 | 2161.7 | 2154.4 | 2153.3 | 2154.4 | 2161.7 | 2168.9 | 2190.9 | 2212.8 |
| 20°   | 2257.7 | 2229.7 | 2201.5 | 2192.5 | 2183.5 | 2180.7 | 2183.5 | 2192.5 | 2201.5 | 2229.7 | 2257.7 |
| 22.5° | 2259.3 | 2229.8 | 2200.1 | 2190.2 | 2180.2 | 2176.0 | 2180.2 | 2190.2 | 2200.1 | 2229.8 | 2259.3 |
| 25°   | 2213.6 | 2187.9 | 2162.3 | 2152.9 | 2143.6 | 2138.2 | 2143.6 | 2152.9 | 2162.3 | 2187.9 | 2213.6 |
| 27.5° | 2124.0 | 2106.8 | 2089.5 | 2085.2 | 2081.0 | 2079.6 | 2081.0 | 2085.2 | 2089.5 | 2106.8 | 2124.0 |
| 30°   | 2013.6 | 2004.8 | 1995.9 | 1995.9 | 1995.9 | 1997.3 | 1995.9 | 1995.9 | 1995.9 | 2004.8 | 2013.6 |
| 32.5° | 1902.8 | 1897.0 | 1891.3 | 1892.0 | 1892.9 | 1894.3 | 1892.9 | 1892.0 | 1891.3 | 1897.0 | 1902.8 |
| 35°   | 1805.0 | 1796.2 | 1787.5 | 1785.6 | 1783.7 | 1782.7 | 1783.7 | 1785.6 | 1787.5 | 1796.2 | 1805.0 |
| 37.5° | 1721.8 | 1705.8 | 1689.9 | 1681.5 | 1673.1 | 1668.4 | 1673.1 | 1681.5 | 1689.9 | 1705.8 | 1721.8 |
| 40°   | 1645.5 | 1622.2 | 1599.2 | 1583.5 | 1568.0 | 1558.7 | 1568.0 | 1583.5 | 1599.2 | 1622.2 | 1645.5 |
| 42.5° | 1568.2 | 1539.3 | 1510.5 | 1487.7 | 1465.0 | 1450.0 | 1465.0 | 1487.7 | 1510.5 | 1539.3 | 1568.2 |
| 45°   | 1492.1 | 1459.1 | 1426.2 | 1399.4 | 1372.7 | 1355.5 | 1372.7 | 1399.4 | 1426.2 | 1459.1 | 1492.1 |
| 47.5° | 1431.9 | 1402.6 | 1373.3 | 1348.5 | 1323.8 | 1307.3 | 1323.8 | 1348.5 | 1373.3 | 1402.6 | 1431.9 |
| 50°   | 1395.9 | 1372.5 | 1349.1 | 1326.2 | 1303.3 | 1287.4 | 1303.3 | 1326.2 | 1349.1 | 1372.5 | 1395.9 |
| 52.5° | 1371.8 | 1352.7 | 1333.6 | 1313.1 | 1292.6 | 1278.0 | 1292.6 | 1313.1 | 1333.6 | 1352.7 | 1371.8 |
| 55°   | 1349.1 | 1332.4 | 1315.8 | 1297.8 | 1279.9 | 1266.6 | 1279.9 | 1297.8 | 1315.8 | 1332.4 | 1349.1 |
| 57.5° | 1325.1 | 1308.2 | 1291.4 | 1273.6 | 1255.8 | 1242.1 | 1255.8 | 1273.6 | 1291.4 | 1308.2 | 1325.1 |
| 60°   | 1291.7 | 1275.2 | 1258.9 | 1240.6 | 1222.2 | 1208.0 | 1222.2 | 1240.6 | 1258.9 | 1275.2 | 1291.7 |
| 62.5° | 1238.5 | 1223.6 | 1208.8 | 1189.5 | 1170.2 | 1153.2 | 1170.2 | 1189.5 | 1208.8 | 1223.6 | 1238.5 |
| 65°   | 1166.6 | 1152.4 | 1138.1 | 1119.4 | 1100.7 | 1086.1 | 1100.7 | 1119.4 | 1138.1 | 1152.4 | 1166.6 |
| 67.5° | 1084.7 | 1071.5 | 1058.5 | 1041.1 | 1023.7 | 1010.5 | 1023.7 | 1041.1 | 1058.5 | 1071.5 | 1084.7 |
| 70°   | 997.1  | 986.4  | 975.7  | 959.1  | 942.4  | 927.3  | 942.4  | 959.1  | 975.7  | 986.4  | 997.1  |
| 72.5° | 900.6  | 891.8  | 882.9  | 867.0  | 851.2  | 836.5  | 851.2  | 867.0  | 882.9  | 891.8  | 900.6  |
| 75°   | 785.7  | 781.3  | 777.0  | 763.7  | 750.3  | 736.4  | 750.3  | 763.7  | 777.0  | 781.3  | 785.7  |
| 77.5° | 674.2  | 668.1  | 661.9  | 648.4  | 635.0  | 623.9  | 635.0  | 648.4  | 661.9  | 668.1  | 674.2  |
| 80°   | 548.2  | 545.6  | 543.0  | 525.0  | 506.8  | 485.9  | 506.8  | 525.0  | 543.0  | 545.6  | 548.2  |
| 82.5° | 409.3  | 408.2  | 406.9  | 391.7  | 376.4  | 363.0  | 376.4  | 391.7  | 406.9  | 408.2  | 409.3  |
| 85°   | 259.9  | 258.1  | 256.2  | 244.3  | 232.3  | 220.2  | 232.3  | 244.3  | 256.2  | 258.1  | 259.9  |
| 87.5° | 112.7  | 110.4  | 107.9  | 101.9  | 95.7   | 89.8   | 95.7   | 101.9  | 107.9  | 110.4  | 112.7  |
| 90°   | 0.0    | 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: GALN-SB4A-730-U-SLR

**CANDELA DISTRIBUTION (continued):**

|       | 165°   | 170°   | 175°   | 180°   | 185°   | 190°   | 195°   | 200°   | 205°   | 210°   | 215°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 2463.3 | 2463.3 | 2463.3 | 2463.3 | 2463.3 | 2463.3 | 2463.3 | 2463.3 | 2463.3 | 2463.3 | 2463.3 |
| 2.5°  | 2280.4 | 2289.4 | 2300.6 | 2311.6 | 2325.9 | 2340.3 | 2354.5 | 2368.8 | 2385.1 | 2401.4 | 2419.5 |
| 5°    | 2145.6 | 2158.0 | 2175.8 | 2193.5 | 2216.5 | 2239.5 | 2264.8 | 2290.2 | 2318.8 | 2347.5 | 2381.8 |
| 7.5°  | 2064.8 | 2079.6 | 2100.5 | 2121.6 | 2149.7 | 2177.9 | 2209.8 | 2241.7 | 2279.5 | 2317.3 | 2362.8 |
| 10°   | 2041.6 | 2058.0 | 2083.2 | 2108.4 | 2140.1 | 2171.7 | 2206.1 | 2240.4 | 2278.2 | 2316.1 | 2364.1 |
| 12.5° | 2083.3 | 2104.6 | 2136.7 | 2168.9 | 2201.6 | 2234.4 | 2261.2 | 2288.3 | 2313.2 | 2338.4 | 2377.5 |
| 15°   | 2171.2 | 2203.6 | 2249.3 | 2295.1 | 2323.5 | 2352.0 | 2359.0 | 2366.0 | 2362.6 | 2359.2 | 2377.9 |
| 17.5° | 2260.5 | 2308.1 | 2368.7 | 2429.3 | 2452.2 | 2475.1 | 2453.3 | 2431.4 | 2390.2 | 2349.0 | 2342.1 |
| 20°   | 2316.1 | 2374.5 | 2443.7 | 2513.0 | 2523.6 | 2534.2 | 2488.4 | 2442.5 | 2370.9 | 2299.3 | 2267.2 |
| 22.5° | 2319.6 | 2379.7 | 2445.8 | 2512.0 | 2505.7 | 2499.2 | 2439.6 | 2380.0 | 2298.1 | 2216.4 | 2168.9 |
| 25°   | 2266.9 | 2320.4 | 2374.6 | 2428.8 | 2407.0 | 2385.1 | 2326.4 | 2267.7 | 2194.1 | 2120.7 | 2065.9 |
| 27.5° | 2165.5 | 2207.0 | 2245.5 | 2284.2 | 2259.7 | 2235.3 | 2188.3 | 2141.2 | 2080.9 | 2020.5 | 1967.5 |
| 30°   | 2043.4 | 2073.1 | 2102.6 | 2132.0 | 2112.2 | 2092.3 | 2053.2 | 2014.1 | 1964.0 | 1913.9 | 1871.8 |
| 32.5° | 1926.5 | 1950.2 | 1977.4 | 2004.4 | 1982.3 | 1960.3 | 1922.7 | 1885.3 | 1845.2 | 1805.2 | 1780.4 |
| 35°   | 1826.8 | 1848.7 | 1867.9 | 1887.2 | 1860.7 | 1834.3 | 1797.1 | 1760.1 | 1729.6 | 1699.1 | 1692.2 |
| 37.5° | 1742.0 | 1762.1 | 1771.0 | 1779.9 | 1747.2 | 1714.5 | 1677.4 | 1640.5 | 1618.7 | 1596.7 | 1604.3 |
| 40°   | 1662.6 | 1679.7 | 1677.6 | 1675.5 | 1637.7 | 1600.1 | 1564.4 | 1528.7 | 1512.9 | 1497.1 | 1514.2 |
| 42.5° | 1582.5 | 1597.0 | 1586.1 | 1575.3 | 1534.6 | 1494.0 | 1460.0 | 1426.2 | 1413.2 | 1400.4 | 1423.1 |
| 45°   | 1505.0 | 1518.1 | 1502.5 | 1486.9 | 1444.7 | 1402.6 | 1370.4 | 1338.3 | 1327.3 | 1316.5 | 1338.6 |
| 47.5° | 1440.9 | 1450.0 | 1432.1 | 1414.1 | 1372.5 | 1330.9 | 1299.5 | 1268.1 | 1257.9 | 1247.7 | 1266.3 |
| 50°   | 1396.3 | 1396.9 | 1373.8 | 1350.8 | 1313.5 | 1276.3 | 1246.7 | 1217.0 | 1201.0 | 1185.2 | 1201.5 |
| 52.5° | 1366.8 | 1361.9 | 1334.6 | 1307.3 | 1272.5 | 1237.8 | 1210.7 | 1183.5 | 1159.6 | 1135.7 | 1151.9 |
| 55°   | 1342.3 | 1335.5 | 1306.4 | 1277.5 | 1247.2 | 1216.7 | 1187.4 | 1158.1 | 1124.3 | 1090.3 | 1116.0 |
| 57.5° | 1318.2 | 1311.3 | 1282.1 | 1252.9 | 1222.8 | 1192.7 | 1158.3 | 1123.9 | 1087.4 | 1050.9 | 1088.4 |
| 60°   | 1284.1 | 1276.6 | 1247.3 | 1218.0 | 1187.3 | 1156.8 | 1117.3 | 1077.8 | 1045.8 | 1013.8 | 1062.4 |
| 62.5° | 1231.2 | 1223.9 | 1197.1 | 1170.2 | 1137.6 | 1105.0 | 1058.9 | 1012.8 | 992.5  | 972.2  | 1032.8 |
| 65°   | 1159.3 | 1151.8 | 1128.2 | 1104.5 | 1073.3 | 1042.1 | 992.7  | 943.4  | 935.6  | 927.8  | 992.3  |
| 67.5° | 1077.5 | 1070.2 | 1049.8 | 1029.4 | 999.9  | 970.3  | 924.6  | 879.1  | 881.5  | 884.0  | 937.7  |
| 70°   | 990.1  | 983.1  | 964.6  | 946.2  | 920.7  | 895.2  | 855.1  | 815.0  | 823.5  | 832.0  | 870.2  |
| 72.5° | 892.3  | 884.0  | 865.9  | 847.9  | 824.8  | 801.8  | 770.3  | 738.7  | 751.1  | 763.6  | 789.8  |
| 75°   | 777.0  | 768.3  | 751.9  | 735.4  | 714.5  | 693.6  | 670.2  | 646.7  | 658.7  | 670.7  | 690.9  |
| 77.5° | 666.0  | 657.9  | 640.7  | 623.4  | 605.4  | 587.5  | 568.5  | 549.4  | 561.5  | 573.6  | 589.7  |
| 80°   | 537.5  | 526.7  | 513.7  | 500.5  | 485.4  | 470.3  | 454.5  | 438.6  | 448.8  | 458.9  | 472.5  |
| 82.5° | 391.0  | 372.6  | 344.6  | 316.7  | 322.0  | 327.2  | 328.6  | 329.9  | 337.1  | 344.3  | 350.9  |
| 85°   | 237.3  | 214.6  | 188.3  | 162.1  | 176.8  | 191.4  | 198.3  | 205.1  | 213.2  | 221.2  | 228.3  |
| 87.5° | 103.5  | 94.3   | 83.3   | 72.3   | 83.6   | 94.7   | 95.0   | 95.3   | 96.8   | 98.3   | 101.1  |
| 90°   | 0.0    | 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):**

|       | 220°   | 225°   | 230°   | 235°   | 240°   | 245°   | 250°   | 255°   | 260°   | 265°   | 270°    |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---------|
| 0°    | 2463.3 | 2463.3 | 2463.3 | 2463.3 | 2463.3 | 2463.3 | 2463.3 | 2463.3 | 2463.3 | 2463.3 | 2463.3  |
| 2.5°  | 2437.6 | 2460.0 | 2480.2 | 2501.0 | 2521.7 | 2543.5 | 2565.2 | 2586.8 | 2608.4 | 2628.7 | 2649.1  |
| 5°    | 2416.1 | 2455.3 | 2495.0 | 2537.1 | 2579.1 | 2624.1 | 2669.2 | 2713.9 | 2758.7 | 2803.6 | 2848.5  |
| 7.5°  | 2408.3 | 2459.1 | 2513.2 | 2571.9 | 2630.6 | 2697.3 | 2763.9 | 2832.4 | 2900.8 | 2974.8 | 3048.9  |
| 10°   | 2412.1 | 2466.6 | 2533.5 | 2603.0 | 2672.4 | 2753.4 | 2834.3 | 2924.7 | 3015.2 | 3108.8 | 3202.5  |
| 12.5° | 2416.8 | 2467.6 | 2537.8 | 2616.4 | 2694.9 | 2790.4 | 2885.9 | 2988.3 | 3090.8 | 3193.6 | 3296.6  |
| 15°   | 2396.7 | 2437.3 | 2515.1 | 2606.1 | 2697.0 | 2806.9 | 2916.9 | 3028.0 | 3139.2 | 3246.5 | 3353.8  |
| 17.5° | 2335.2 | 2360.3 | 2451.8 | 2561.2 | 2670.5 | 2798.1 | 2925.7 | 3047.0 | 3168.3 | 3277.1 | 3385.9  |
| 20°   | 2235.1 | 2241.7 | 2348.2 | 2483.7 | 2619.3 | 2773.9 | 2928.6 | 3061.9 | 3195.1 | 3308.3 | 3421.3  |
| 22.5° | 2121.3 | 2108.4 | 2229.7 | 2392.9 | 2556.2 | 2744.3 | 2932.4 | 3081.9 | 3231.3 | 3347.0 | 3462.5  |
| 25°   | 2011.0 | 1976.1 | 2100.4 | 2291.5 | 2482.7 | 2715.0 | 2947.3 | 3118.2 | 3289.0 | 3402.2 | 3515.4  |
| 27.5° | 1914.6 | 1872.1 | 1985.2 | 2198.8 | 2412.3 | 2695.4 | 2978.5 | 3174.9 | 3371.2 | 3479.3 | 3587.2  |
| 30°   | 1829.8 | 1796.5 | 1891.5 | 2121.2 | 2351.0 | 2686.2 | 3021.2 | 3248.4 | 3475.5 | 3579.8 | 3684.1  |
| 32.5° | 1755.5 | 1740.7 | 1817.2 | 2054.4 | 2291.5 | 2674.9 | 3058.1 | 3325.0 | 3592.0 | 3695.2 | 3798.5  |
| 35°   | 1685.4 | 1691.5 | 1755.3 | 1988.7 | 2222.1 | 2653.5 | 3085.1 | 3412.4 | 3739.6 | 3838.6 | 3937.5  |
| 37.5° | 1611.8 | 1634.3 | 1690.1 | 1911.4 | 2132.7 | 2616.9 | 3101.2 | 3510.2 | 3919.2 | 4045.3 | 4171.4  |
| 40°   | 1531.3 | 1565.8 | 1616.4 | 1819.1 | 2021.9 | 2566.6 | 3111.3 | 3634.4 | 4157.4 | 4341.2 | 4524.9  |
| 42.5° | 1445.8 | 1489.2 | 1535.8 | 1717.3 | 1898.8 | 2514.6 | 3130.5 | 3796.9 | 4463.3 | 4728.5 | 4993.8  |
| 45°   | 1360.7 | 1402.8 | 1450.0 | 1609.2 | 1768.4 | 2466.3 | 3164.2 | 4010.7 | 4857.2 | 5215.0 | 5572.7  |
| 47.5° | 1284.8 | 1321.0 | 1382.0 | 1523.7 | 1665.3 | 2426.4 | 3187.4 | 4238.5 | 5289.6 | 5793.3 | 6296.8  |
| 50°   | 1218.0 | 1260.0 | 1340.2 | 1466.8 | 1593.5 | 2382.9 | 3172.3 | 4449.9 | 5727.5 | 6486.7 | 7245.8  |
| 52.5° | 1168.1 | 1226.9 | 1319.1 | 1429.4 | 1539.8 | 2309.4 | 3079.2 | 4587.1 | 6095.0 | 7215.1 | 8335.2  |
| 55°   | 1141.7 | 1230.2 | 1316.0 | 1402.3 | 1488.6 | 2187.7 | 2886.8 | 4556.9 | 6226.9 | 7860.9 | 9495.1  |
| 57.5° | 1125.8 | 1233.6 | 1309.2 | 1370.1 | 1431.1 | 2016.0 | 2600.9 | 4344.0 | 6087.2 | 8318.6 | 10550.0 |
| 60°   | 1110.9 | 1223.2 | 1273.1 | 1321.0 | 1368.9 | 1793.1 | 2217.4 | 3947.8 | 5678.3 | 8433.0 | 11187.5 |
| 62.5° | 1093.5 | 1197.6 | 1203.8 | 1235.5 | 1267.4 | 1526.4 | 1785.4 | 3412.2 | 5039.0 | 7951.4 | 10863.8 |
| 65°   | 1056.8 | 1136.2 | 1135.4 | 1150.5 | 1165.5 | 1286.4 | 1407.3 | 2865.6 | 4324.1 | 7269.9 | 10215.8 |
| 67.5° | 991.4  | 1036.0 | 1038.1 | 1029.8 | 1021.3 | 1055.8 | 1090.1 | 2330.2 | 3570.4 | 6459.0 | 9347.6  |
| 70°   | 908.4  | 923.0  | 923.0  | 884.2  | 845.2  | 835.5  | 825.7  | 1834.7 | 2843.8 | 5574.2 | 8304.5  |
| 72.5° | 815.9  | 815.8  | 806.5  | 751.4  | 696.2  | 666.5  | 636.9  | 1402.7 | 2168.4 | 4614.9 | 7061.5  |
| 75°   | 711.0  | 714.6  | 671.9  | 610.1  | 548.2  | 521.4  | 494.6  | 1018.0 | 1541.5 | 3515.3 | 5489.1  |
| 77.5° | 605.9  | 607.8  | 537.4  | 477.4  | 417.3  | 399.0  | 380.7  | 689.8  | 998.9  | 2460.4 | 3921.9  |
| 80°   | 486.0  | 486.3  | 402.2  | 351.4  | 300.6  | 293.0  | 285.5  | 444.5  | 603.5  | 1585.2 | 2566.8  |
| 82.5° | 357.5  | 353.5  | 281.7  | 244.3  | 206.8  | 205.3  | 204.0  | 273.4  | 342.9  | 917.5  | 1492.1  |
| 85°   | 235.4  | 230.2  | 176.8  | 149.3  | 121.9  | 122.7  | 123.4  | 146.1  | 169.0  | 412.7  | 656.5   |
| 87.5° | 104.0  | 97.4   | 75.1   | 63.9   | 52.7   | 53.4   | 54.1   | 60.6   | 67.1   | 135.2  | 203.2   |
| 90°   | 0.0    | 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):**

|       | 275°    | 280°    | 285°    | 290°    | 295°    | 300°    | 305°    | 310°    | 315°    | 320°    | 325°    |
|-------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0°    | 2463.3  | 2463.3  | 2463.3  | 2463.3  | 2463.3  | 2463.3  | 2463.3  | 2463.3  | 2463.3  | 2463.3  | 2463.3  |
| 2.5°  | 2659.1  | 2669.2  | 2683.5  | 2697.8  | 2706.3  | 2714.8  | 2719.0  | 2723.3  | 2721.4  | 2723.3  | 2719.0  |
| 5°    | 2883.6  | 2918.8  | 2953.5  | 2988.4  | 3007.3  | 3026.2  | 3037.7  | 3049.2  | 3057.9  | 3049.2  | 3037.7  |
| 7.5°  | 3106.0  | 3163.0  | 3214.3  | 3265.7  | 3296.6  | 3327.5  | 3344.2  | 3360.8  | 3368.9  | 3360.8  | 3344.2  |
| 10°   | 3270.0  | 3337.5  | 3397.7  | 3457.9  | 3494.4  | 3530.7  | 3547.0  | 3563.1  | 3569.3  | 3563.1  | 3547.0  |
| 12.5° | 3369.7  | 3442.8  | 3497.2  | 3551.5  | 3578.0  | 3604.4  | 3613.3  | 3622.2  | 3623.2  | 3622.2  | 3613.3  |
| 15°   | 3416.9  | 3479.9  | 3514.1  | 3548.3  | 3549.2  | 3550.2  | 3540.7  | 3531.3  | 3520.1  | 3531.3  | 3540.7  |
| 17.5° | 3428.5  | 3471.2  | 3471.8  | 3472.4  | 3434.1  | 3395.8  | 3360.8  | 3325.6  | 3300.8  | 3325.6  | 3360.8  |
| 20°   | 3436.2  | 3451.1  | 3406.2  | 3361.3  | 3276.8  | 3192.3  | 3130.8  | 3069.2  | 3031.4  | 3069.2  | 3130.8  |
| 22.5° | 3443.0  | 3423.5  | 3330.5  | 3237.5  | 3113.2  | 2988.9  | 2911.9  | 2835.0  | 2793.2  | 2835.0  | 2911.9  |
| 25°   | 3454.0  | 3392.5  | 3251.3  | 3110.1  | 2959.1  | 2808.2  | 2727.2  | 2646.5  | 2607.0  | 2646.5  | 2727.2  |
| 27.5° | 3477.4  | 3367.5  | 3180.4  | 2993.4  | 2826.1  | 2658.8  | 2579.2  | 2499.7  | 2462.4  | 2499.7  | 2579.2  |
| 30°   | 3520.3  | 3356.6  | 3126.3  | 2896.1  | 2721.8  | 2547.5  | 2473.6  | 2399.8  | 2365.0  | 2399.8  | 2473.6  |
| 32.5° | 3574.2  | 3350.0  | 3089.5  | 2829.0  | 2665.1  | 2501.3  | 2443.4  | 2385.3  | 2360.3  | 2385.3  | 2443.4  |
| 35°   | 3662.9  | 3388.5  | 3117.1  | 2845.7  | 2731.9  | 2618.2  | 2604.6  | 2591.1  | 2589.0  | 2591.1  | 2604.6  |
| 37.5° | 3848.5  | 3525.6  | 3278.9  | 3032.2  | 3024.8  | 3017.4  | 3079.3  | 3141.1  | 3173.2  | 3141.1  | 3079.3  |
| 40°   | 4173.8  | 3822.6  | 3639.1  | 3455.7  | 3585.2  | 3714.7  | 3865.0  | 4015.2  | 4090.1  | 4015.2  | 3865.0  |
| 42.5° | 4645.4  | 4296.9  | 4191.3  | 4085.6  | 4368.0  | 4650.5  | 4923.8  | 5197.2  | 5357.7  | 5197.2  | 4923.8  |
| 45°   | 5259.8  | 4946.7  | 4900.1  | 4853.4  | 5305.9  | 5758.5  | 6207.7  | 6656.9  | 6929.6  | 6656.9  | 6207.7  |
| 47.5° | 5992.3  | 5687.8  | 5678.3  | 5668.9  | 6321.7  | 6974.3  | 7631.9  | 8289.4  | 8675.5  | 8289.4  | 7631.9  |
| 50°   | 6869.7  | 6493.7  | 6495.3  | 6496.9  | 7338.2  | 8179.5  | 9047.5  | 9915.5  | 10440.3 | 9915.5  | 9047.5  |
| 52.5° | 7879.8  | 7424.5  | 7378.5  | 7332.3  | 8337.2  | 9342.1  | 10416.1 | 11490.0 | 12119.1 | 11490.0 | 10416.1 |
| 55°   | 9045.1  | 8595.2  | 8415.7  | 8236.2  | 9354.6  | 10472.9 | 11753.3 | 13033.6 | 13781.8 | 13033.6 | 11753.3 |
| 57.5° | 10305.0 | 10059.9 | 9699.8  | 9339.9  | 10469.1 | 11598.4 | 13048.7 | 14498.8 | 15426.5 | 14498.8 | 13048.7 |
| 60°   | 11568.1 | 11948.8 | 11501.6 | 11054.5 | 12123.2 | 13192.0 | 14744.6 | 16297.3 | 17300.0 | 16297.3 | 14744.6 |
| 62.5° | 11903.7 | 12943.5 | 12893.2 | 12842.7 | 13821.7 | 14800.8 | 16278.0 | 17755.2 | 18682.0 | 17755.2 | 16278.0 |
| 65°   | 11191.8 | 12167.8 | 12360.9 | 12553.9 | 13798.0 | 15042.3 | 16474.7 | 17907.1 | 18696.2 | 17907.1 | 16474.7 |
| 67.5° | 10275.8 | 11204.1 | 11294.6 | 11385.1 | 12681.4 | 13977.6 | 15416.2 | 16854.8 | 17473.0 | 16854.8 | 15416.2 |
| 70°   | 9314.1  | 10323.9 | 10364.3 | 10404.9 | 11564.1 | 12723.3 | 13961.3 | 15199.2 | 15542.8 | 15199.2 | 13961.3 |
| 72.5° | 8220.1  | 9378.8  | 9407.9  | 9436.9  | 10343.9 | 11250.9 | 12178.1 | 13105.2 | 13140.0 | 13105.2 | 12178.1 |
| 75°   | 6688.2  | 7887.4  | 7995.0  | 8102.7  | 8808.3  | 9514.0  | 10166.7 | 10819.4 | 10644.5 | 10819.4 | 10166.7 |
| 77.5° | 5041.2  | 6160.7  | 6314.8  | 6468.8  | 7005.3  | 7541.7  | 8004.6  | 8467.6  | 8167.0  | 8467.6  | 8004.6  |
| 80°   | 3508.6  | 4450.3  | 4641.8  | 4833.3  | 5238.4  | 5643.3  | 5886.5  | 6129.5  | 5646.0  | 6129.5  | 5886.5  |
| 82.5° | 2135.9  | 2779.8  | 2993.7  | 3207.7  | 3486.6  | 3765.4  | 3866.8  | 3968.2  | 3588.2  | 3968.2  | 3866.8  |
| 85°   | 998.2   | 1339.9  | 1521.9  | 1703.8  | 1932.9  | 2162.0  | 2219.5  | 2277.1  | 1972.7  | 2277.1  | 2219.5  |
| 87.5° | 318.1   | 432.9   | 534.4   | 636.0   | 750.5   | 865.1   | 870.0   | 874.8   | 734.5   | 874.8   | 870.0   |
| 90°   | 0.0     | 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):**

|       | 330°    | 335°    | 340°    | 345°    | 350°    | 355°    | 360°    |
|-------|---------|---------|---------|---------|---------|---------|---------|
| 0°    | 2463.3  | 2463.3  | 2463.3  | 2463.3  | 2463.3  | 2463.3  | 2463.3  |
| 2.5°  | 2714.8  | 2706.3  | 2697.8  | 2683.5  | 2669.2  | 2659.1  | 2649.1  |
| 5°    | 3026.2  | 3007.3  | 2988.4  | 2953.5  | 2918.8  | 2883.6  | 2848.5  |
| 7.5°  | 3327.5  | 3296.6  | 3265.7  | 3214.3  | 3163.0  | 3106.0  | 3048.9  |
| 10°   | 3530.7  | 3494.4  | 3457.9  | 3397.7  | 3337.5  | 3270.0  | 3202.5  |
| 12.5° | 3604.4  | 3578.0  | 3551.5  | 3497.2  | 3442.8  | 3369.7  | 3296.6  |
| 15°   | 3550.2  | 3549.2  | 3548.3  | 3514.1  | 3479.9  | 3416.9  | 3353.8  |
| 17.5° | 3395.8  | 3434.1  | 3472.4  | 3471.8  | 3471.2  | 3428.5  | 3385.9  |
| 20°   | 3192.3  | 3276.8  | 3361.3  | 3406.2  | 3451.1  | 3436.2  | 3421.3  |
| 22.5° | 2988.9  | 3113.2  | 3237.5  | 3330.5  | 3423.5  | 3443.0  | 3462.5  |
| 25°   | 2808.2  | 2959.1  | 3110.1  | 3251.3  | 3392.5  | 3454.0  | 3515.4  |
| 27.5° | 2658.8  | 2826.1  | 2993.4  | 3180.4  | 3367.5  | 3477.4  | 3587.2  |
| 30°   | 2547.5  | 2721.8  | 2896.1  | 3126.3  | 3356.6  | 3520.3  | 3684.1  |
| 32.5° | 2501.3  | 2665.1  | 2829.0  | 3089.5  | 3350.0  | 3574.2  | 3798.5  |
| 35°   | 2618.2  | 2731.9  | 2845.7  | 3117.1  | 3388.5  | 3662.9  | 3937.5  |
| 37.5° | 3017.4  | 3024.8  | 3032.2  | 3278.9  | 3525.6  | 3848.5  | 4171.4  |
| 40°   | 3714.7  | 3585.2  | 3455.7  | 3639.1  | 3822.6  | 4173.8  | 4524.9  |
| 42.5° | 4650.5  | 4368.0  | 4085.6  | 4191.3  | 4296.9  | 4645.4  | 4993.8  |
| 45°   | 5758.5  | 5305.9  | 4853.4  | 4900.1  | 4946.7  | 5259.8  | 5572.7  |
| 47.5° | 6974.3  | 6321.7  | 5668.9  | 5678.3  | 5687.8  | 5992.3  | 6296.8  |
| 50°   | 8179.5  | 7338.2  | 6496.9  | 6495.3  | 6493.7  | 6869.7  | 7245.8  |
| 52.5° | 9342.1  | 8337.2  | 7332.3  | 7378.5  | 7424.5  | 7879.8  | 8335.2  |
| 55°   | 10472.9 | 9354.6  | 8236.2  | 8415.7  | 8595.2  | 9045.1  | 9495.1  |
| 57.5° | 11598.4 | 10469.1 | 9339.9  | 9699.8  | 10059.9 | 10305.0 | 10550.0 |
| 60°   | 13192.0 | 12123.2 | 11054.5 | 11501.6 | 11948.8 | 11568.1 | 11187.5 |
| 62.5° | 14800.8 | 13821.7 | 12842.7 | 12893.2 | 12943.5 | 11903.7 | 10863.8 |
| 65°   | 15042.3 | 13798.0 | 12553.9 | 12360.9 | 12167.8 | 11191.8 | 10215.8 |
| 67.5° | 13977.6 | 12681.4 | 11385.1 | 11294.6 | 11204.1 | 10275.8 | 9347.6  |
| 70°   | 12723.3 | 11564.1 | 10404.9 | 10364.3 | 10323.9 | 9314.1  | 8304.5  |
| 72.5° | 11250.9 | 10343.9 | 9436.9  | 9407.9  | 9378.8  | 8220.1  | 7061.5  |
| 75°   | 9514.0  | 8808.3  | 8102.7  | 7995.0  | 7887.4  | 6688.2  | 5489.1  |
| 77.5° | 7541.7  | 7005.3  | 6468.8  | 6314.8  | 6160.7  | 5041.2  | 3921.9  |
| 80°   | 5643.3  | 5238.4  | 4833.3  | 4641.8  | 4450.3  | 3508.6  | 2566.8  |
| 82.5° | 3765.4  | 3486.6  | 3207.7  | 2993.7  | 2779.8  | 2135.9  | 1492.1  |
| 85°   | 2162.0  | 1932.9  | 1703.8  | 1521.9  | 1339.9  | 998.2   | 656.5   |
| 87.5° | 865.1   | 750.5   | 636.0   | 534.4   | 432.9   | 318.1   | 203.2   |
| 90°   | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |

(END OF REPORT)