

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: P949210

Luminaire Tested: **GALN-SB4A-740-U-SLR**

Issue Date: 1/21/2025

Test Information

Test Method: LM-79-08
Report Number: P949210
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-740-U-SLR
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(4) 70 CRI, 4000K, 350mA LIGHTSQUARES WITH 26 LEDS EACH AND SPILL LIGHT
ELIMINATOR RIGHT OPTICS
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 18952 lumens
Efficiency: N/A
Efficacy: 166.2 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B3 - U0 - G4

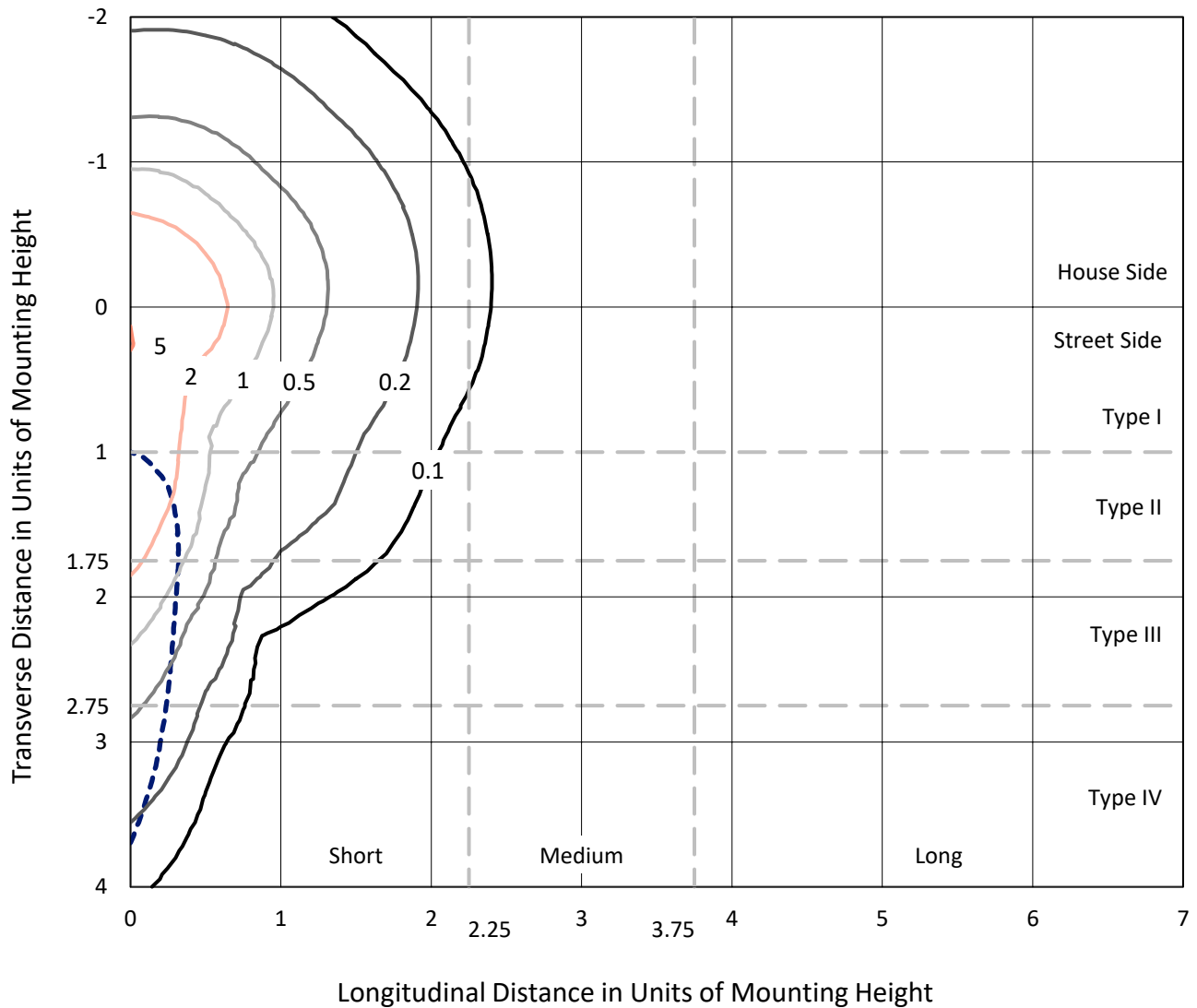
Input Watts (W): 114
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

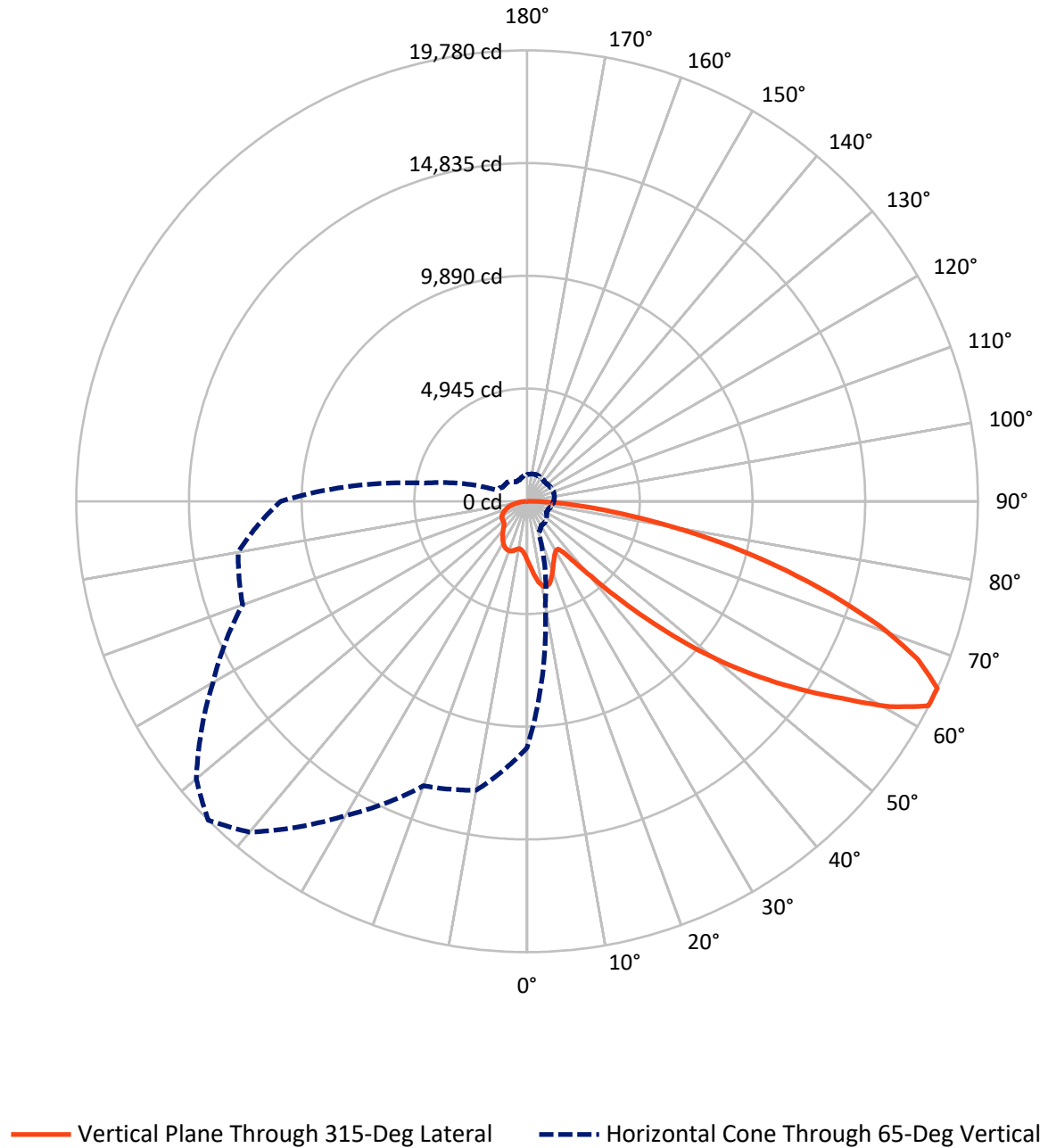
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 5.1 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 | 4816.6 | 0.0 | 4816.6 |
| | % Fixture | 25.4 | 0.0 | 25.4 |
| Street Side | Lumens | 14135.3 | 0.0 | 14135.3 |
| | % Fixture | 74.6 | 0.0 | 74.6 |
| Total | Lumens | 18952.0 | 0.0 | 18952.0 |
| | % Fixture | 100.0 | 0.0 | 100.0 |

Coefficient of Utilization

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|---------|-----------|
| 0°-10° | 258.5 | 1.4 |
| 10°-20° | 811.6 | 4.3 |
| 20°-30° | 1253.6 | 6.6 |
| 30°-40° | 1588.6 | 8.4 |
| 40°-50° | 2396.0 | 12.6 |
| 50°-60° | 3871.0 | 20.4 |
| 60°-70° | 4825.9 | 25.5 |
| 70°-80° | 3164.6 | 16.7 |
| 80°-90° | 782.4 | 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° | 18952.0 | 100.0 |
| 0°-180° | 18952.0 | 100.0 |



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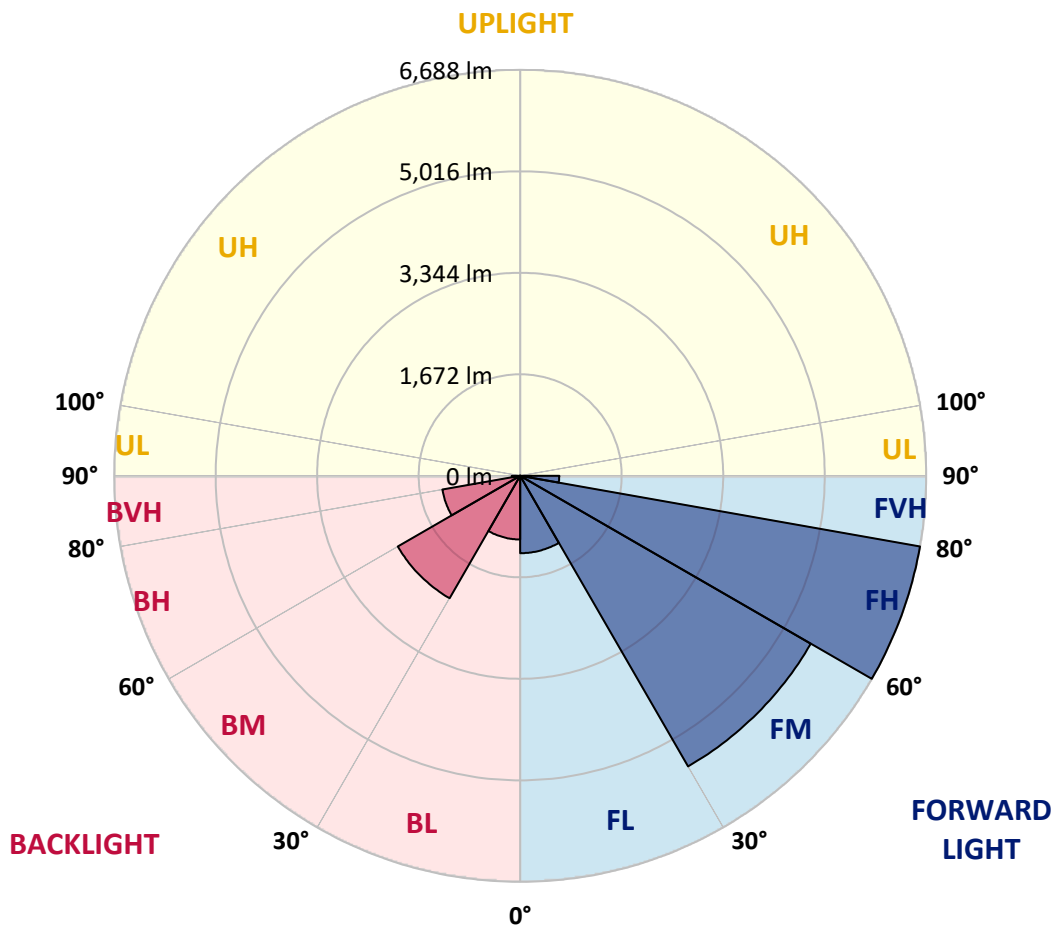
CATALOG NUMBER: GALN-SB4A-740-U-SLR

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

| Zone | Lumens | % Fixture | Zone Rating/Lumen Limit | | |
|----------------|--------|-----------|-------------------------|------|---------|
| | | | B | U | G |
| FL (0°-30°) | 1274.8 | 6.7 | | | |
| FM (30°-60°) | 5527.9 | 29.2 | | | |
| FH (60°-80°) | 6688.2 | 35.3 | | | G3/7500 |
| FVH (80°-90°) | 644.5 | 3.4 | | | G4/750 |
| BL (0°-30°) | 1048.9 | 5.5 | B3/2500 | | |
| BM (30°-60°) | 2327.7 | 12.3 | B2/2500 | | |
| BH (60°-80°) | 1302.2 | 6.9 | B3/2500 | | G3/2500 |
| BVH (80°-90°) | 137.9 | 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° | 2606.1 | 2606.1 | 2606.1 | 2606.1 | 2606.1 | 2606.1 | 2606.1 | 2606.1 | 2606.1 | 2606.1 |
| 2.5° | 2802.6 | 2781.1 | 2759.6 | 2736.7 | 2713.9 | 2690.9 | 2667.9 | 2645.9 | 2623.9 | 2602.6 |
| 5° | 3013.6 | 2966.1 | 2918.6 | 2871.2 | 2823.9 | 2776.2 | 2728.6 | 2684.1 | 2639.6 | 2597.6 |
| 7.5° | 3225.6 | 3147.2 | 3068.9 | 2996.5 | 2924.1 | 2853.6 | 2783.1 | 2721.0 | 2658.9 | 2601.6 |
| 10° | 3388.1 | 3289.0 | 3189.9 | 3094.2 | 2998.6 | 2913.0 | 2827.3 | 2753.9 | 2680.3 | 2609.6 |
| 12.5° | 3487.6 | 3378.7 | 3269.9 | 3161.5 | 3053.1 | 2952.1 | 2851.1 | 2768.0 | 2684.9 | 2610.6 |
| 15° | 3548.1 | 3434.6 | 3321.1 | 3203.5 | 3085.9 | 2969.6 | 2853.3 | 2757.1 | 2660.9 | 2578.6 |
| 17.5° | 3582.1 | 3467.0 | 3351.9 | 3223.6 | 3095.3 | 2960.3 | 2825.3 | 2709.6 | 2593.9 | 2497.1 |
| 20° | 3619.6 | 3500.0 | 3380.3 | 3239.3 | 3098.3 | 2934.7 | 2771.1 | 2627.7 | 2484.3 | 2371.6 |
| 22.5° | 3663.1 | 3540.9 | 3418.6 | 3260.5 | 3102.3 | 2903.3 | 2704.3 | 2531.6 | 2358.9 | 2230.6 |
| 25° | 3719.1 | 3599.3 | 3479.6 | 3298.9 | 3118.1 | 2872.3 | 2626.6 | 2424.3 | 2222.1 | 2090.6 |
| 27.5° | 3795.1 | 3680.9 | 3566.6 | 3358.9 | 3151.1 | 2851.6 | 2552.1 | 2326.2 | 2100.3 | 1980.5 |
| 30° | 3897.6 | 3787.2 | 3676.9 | 3436.6 | 3196.3 | 2841.9 | 2487.3 | 2244.2 | 2001.0 | 1900.5 |
| 32.5° | 4018.6 | 3909.3 | 3800.1 | 3517.7 | 3235.3 | 2829.9 | 2424.3 | 2173.5 | 1922.5 | 1841.5 |
| 35° | 4165.6 | 4061.0 | 3956.3 | 3610.1 | 3263.9 | 2807.3 | 2350.9 | 2104.0 | 1857.0 | 1789.5 |
| 37.5° | 4413.1 | 4279.7 | 4146.3 | 3713.6 | 3280.9 | 2768.6 | 2256.3 | 2022.1 | 1788.0 | 1729.0 |
| 40° | 4787.1 | 4592.7 | 4398.3 | 3845.0 | 3291.6 | 2715.3 | 2139.1 | 1924.5 | 1710.0 | 1656.5 |
| 42.5° | 5283.1 | 5002.5 | 4721.9 | 4016.9 | 3311.9 | 2660.3 | 2008.8 | 1816.8 | 1624.8 | 1575.5 |
| 45° | 5895.6 | 5517.1 | 5138.6 | 4243.1 | 3347.6 | 2609.2 | 1870.8 | 1702.4 | 1534.0 | 1484.0 |
| 47.5° | 6661.7 | 6128.9 | 5596.1 | 4484.1 | 3372.1 | 2567.0 | 1761.8 | 1611.9 | 1462.0 | 1397.5 |
| 50° | 7665.7 | 6862.6 | 6059.3 | 4707.7 | 3356.1 | 2521.0 | 1685.8 | 1551.8 | 1417.8 | 1333.0 |
| 52.5° | 8818.2 | 7633.2 | 6448.2 | 4852.9 | 3257.6 | 2443.3 | 1629.0 | 1512.2 | 1395.5 | 1298.0 |
| 55° | 10045.2 | 8316.4 | 6587.7 | 4820.9 | 3054.1 | 2314.5 | 1574.8 | 1483.5 | 1392.2 | 1301.5 |
| 57.5° | 11161.3 | 8800.6 | 6440.0 | 4595.7 | 2751.6 | 2132.9 | 1514.0 | 1449.5 | 1385.0 | 1305.0 |
| 60° | 11835.8 | 8921.6 | 6007.3 | 4176.6 | 2345.9 | 1897.0 | 1448.2 | 1397.5 | 1346.8 | 1294.0 |
| 62.5° | 11493.3 | 8412.1 | 5330.9 | 3609.9 | 1888.8 | 1614.8 | 1340.8 | 1307.1 | 1273.5 | 1267.0 |
| 65° | 10807.8 | 7691.2 | 4574.6 | 3031.7 | 1488.8 | 1360.9 | 1233.0 | 1217.1 | 1201.2 | 1202.0 |
| 67.5° | 9889.2 | 6833.3 | 3777.3 | 2465.3 | 1153.2 | 1116.9 | 1080.5 | 1089.4 | 1098.2 | 1096.0 |
| 70° | 8785.7 | 5897.1 | 3008.6 | 1941.0 | 873.5 | 883.9 | 894.2 | 935.4 | 976.5 | 976.5 |
| 72.5° | 7470.7 | 4882.3 | 2294.1 | 1483.9 | 673.8 | 705.1 | 736.5 | 794.9 | 853.2 | 863.0 |
| 75° | 5807.1 | 3719.0 | 1630.8 | 1077.0 | 523.2 | 551.6 | 580.0 | 645.4 | 710.8 | 756.0 |
| 77.5° | 4149.1 | 2603.0 | 1056.8 | 729.8 | 402.8 | 422.1 | 441.5 | 505.0 | 568.5 | 643.0 |
| 80° | 2715.6 | 1677.0 | 638.5 | 470.2 | 302.0 | 310.0 | 318.0 | 371.8 | 425.5 | 514.5 |
| 82.5° | 1578.5 | 970.6 | 362.8 | 289.2 | 215.8 | 217.2 | 218.8 | 258.4 | 298.0 | 374.0 |
| 85° | 694.5 | 436.6 | 178.8 | 154.6 | 130.5 | 129.8 | 129.0 | 158.0 | 187.0 | 243.5 |
| 87.5° | 215.0 | 143.0 | 71.0 | 64.1 | 57.2 | 56.5 | 55.8 | 67.6 | 79.5 | 103.0 |
| 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):

| 50° | | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° |
|--------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 2606.1 | 0° | 2606.1 | 2606.1 | 2606.1 | 2606.1 | 2606.1 | 2606.1 | 2606.1 | 2606.1 | 2606.1 | 2606.1 |
| 2578.9 | 2.5° | 2559.7 | 2540.6 | 2523.3 | 2506.1 | 2491.0 | 2475.9 | 2460.7 | 2445.6 | 2433.9 | 2422.1 |
| 2556.1 | 5° | 2519.9 | 2483.6 | 2453.2 | 2422.9 | 2396.1 | 2369.3 | 2345.0 | 2320.6 | 2301.9 | 2283.1 |
| 2547.9 | 7.5° | 2499.7 | 2451.6 | 2411.6 | 2371.6 | 2337.9 | 2304.1 | 2274.3 | 2244.6 | 2222.3 | 2200.1 |
| 2551.9 | 10° | 2501.1 | 2450.3 | 2410.3 | 2370.3 | 2334.0 | 2297.6 | 2264.1 | 2230.6 | 2204.0 | 2177.3 |
| 2556.9 | 12.5° | 2515.3 | 2473.9 | 2447.3 | 2420.9 | 2392.3 | 2363.9 | 2329.2 | 2294.6 | 2260.6 | 2226.6 |
| 2535.6 | 15° | 2515.7 | 2495.9 | 2499.5 | 2503.1 | 2495.7 | 2488.3 | 2458.2 | 2428.1 | 2379.7 | 2331.3 |
| 2470.6 | 17.5° | 2477.9 | 2485.1 | 2528.7 | 2572.3 | 2595.5 | 2618.6 | 2594.3 | 2570.1 | 2506.0 | 2441.9 |
| 2364.6 | 20° | 2398.6 | 2432.6 | 2508.3 | 2584.1 | 2632.6 | 2681.1 | 2669.9 | 2658.6 | 2585.3 | 2512.1 |
| 2244.3 | 22.5° | 2294.6 | 2344.9 | 2431.3 | 2517.9 | 2581.0 | 2644.1 | 2650.9 | 2657.6 | 2587.6 | 2517.6 |
| 2127.6 | 25° | 2185.6 | 2243.6 | 2321.3 | 2399.1 | 2461.2 | 2523.3 | 2546.5 | 2569.6 | 2512.2 | 2454.9 |
| 2025.5 | 27.5° | 2081.6 | 2137.6 | 2201.5 | 2265.3 | 2315.1 | 2364.9 | 2390.7 | 2416.6 | 2375.7 | 2334.9 |
| 1935.8 | 30° | 1980.2 | 2024.8 | 2077.9 | 2130.9 | 2172.2 | 2213.6 | 2234.6 | 2255.6 | 2224.5 | 2193.3 |
| 1857.2 | 32.5° | 1883.5 | 1909.8 | 1952.1 | 1994.5 | 2034.1 | 2073.9 | 2097.2 | 2120.6 | 2092.0 | 2063.3 |
| 1783.0 | 35° | 1790.2 | 1797.5 | 1829.8 | 1862.0 | 1901.2 | 1940.5 | 1968.5 | 1996.5 | 1976.1 | 1955.8 |
| 1705.2 | 37.5° | 1697.2 | 1689.2 | 1712.4 | 1735.5 | 1774.6 | 1813.8 | 1848.4 | 1883.0 | 1873.6 | 1864.2 |
| 1620.0 | 40° | 1601.9 | 1583.8 | 1600.5 | 1617.2 | 1655.0 | 1692.8 | 1732.6 | 1772.5 | 1774.8 | 1777.0 |
| 1529.5 | 42.5° | 1505.5 | 1481.5 | 1495.1 | 1508.8 | 1544.6 | 1580.5 | 1623.5 | 1666.5 | 1678.0 | 1689.5 |
| 1439.5 | 45° | 1416.1 | 1392.8 | 1404.2 | 1415.8 | 1449.8 | 1483.8 | 1528.4 | 1573.0 | 1589.5 | 1606.0 |
| 1359.2 | 47.5° | 1339.6 | 1320.0 | 1330.8 | 1341.5 | 1374.8 | 1408.0 | 1452.0 | 1496.0 | 1515.0 | 1534.0 |
| 1288.5 | 50° | 1271.1 | 1253.8 | 1270.6 | 1287.5 | 1318.9 | 1350.2 | 1389.6 | 1429.0 | 1453.4 | 1477.8 |
| 1235.8 | 52.5° | 1218.6 | 1201.5 | 1226.8 | 1252.0 | 1280.8 | 1309.5 | 1346.2 | 1383.0 | 1411.9 | 1440.8 |
| 1207.8 | 55° | 1180.6 | 1153.5 | 1189.4 | 1225.2 | 1256.2 | 1287.2 | 1319.4 | 1351.5 | 1382.1 | 1412.8 |
| 1191.0 | 57.5° | 1151.4 | 1111.8 | 1150.4 | 1189.0 | 1225.4 | 1261.8 | 1293.6 | 1325.5 | 1356.4 | 1387.2 |
| 1175.2 | 60° | 1123.9 | 1072.5 | 1106.4 | 1140.2 | 1182.0 | 1223.8 | 1256.1 | 1288.5 | 1319.5 | 1350.5 |
| 1156.8 | 62.5° | 1092.6 | 1028.5 | 1050.0 | 1071.5 | 1120.2 | 1169.0 | 1203.5 | 1238.0 | 1266.4 | 1294.8 |
| 1118.0 | 65° | 1049.8 | 981.5 | 989.8 | 998.0 | 1050.2 | 1102.5 | 1135.5 | 1168.5 | 1193.5 | 1218.5 |
| 1048.8 | 67.5° | 992.0 | 935.2 | 932.6 | 930.0 | 978.2 | 1026.5 | 1057.8 | 1089.0 | 1110.6 | 1132.2 |
| 961.0 | 70° | 920.6 | 880.2 | 871.2 | 862.2 | 904.6 | 947.0 | 974.0 | 1001.0 | 1020.5 | 1040.0 |
| 863.2 | 72.5° | 835.5 | 807.8 | 794.6 | 781.5 | 814.9 | 848.2 | 872.6 | 897.0 | 916.1 | 935.2 |
| 752.2 | 75° | 730.9 | 709.5 | 696.9 | 684.2 | 709.0 | 733.8 | 755.9 | 778.0 | 795.4 | 812.8 |
| 641.0 | 77.5° | 623.9 | 606.8 | 594.0 | 581.2 | 601.4 | 621.5 | 640.5 | 659.5 | 677.8 | 696.0 |
| 514.2 | 80° | 499.9 | 485.5 | 474.8 | 464.0 | 480.8 | 497.5 | 513.5 | 529.5 | 543.4 | 557.2 |
| 378.2 | 82.5° | 371.2 | 364.2 | 356.6 | 349.0 | 347.6 | 346.2 | 340.6 | 335.0 | 364.6 | 394.2 |
| 249.0 | 85° | 241.5 | 234.0 | 225.5 | 217.0 | 209.8 | 202.5 | 187.0 | 171.5 | 199.2 | 227.0 |
| 110.0 | 87.5° | 107.0 | 104.0 | 102.4 | 100.8 | 100.5 | 100.2 | 88.4 | 76.5 | 88.1 | 99.8 |
| 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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CANDELA DISTRIBUTION (continued):

| 105° | | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° |
|--------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 2606.1 | 0° | 2606.1 | 2606.1 | 2606.1 | 2606.1 | 2606.1 | 2606.1 | 2606.1 | 2606.1 | 2606.1 | 2606.1 |
| 2412.6 | 2.5° | 2403.1 | 2395.7 | 2388.3 | 2381.5 | 2374.6 | 2366.1 | 2374.6 | 2381.5 | 2388.3 | 2395.7 |
| 2270.0 | 5° | 2256.9 | 2247.6 | 2238.3 | 2231.2 | 2224.1 | 2217.1 | 2224.1 | 2231.2 | 2238.3 | 2247.6 |
| 2184.5 | 7.5° | 2168.9 | 2158.2 | 2147.6 | 2141.2 | 2134.9 | 2130.1 | 2134.9 | 2141.2 | 2147.6 | 2158.2 |
| 2159.9 | 10° | 2142.3 | 2132.2 | 2122.1 | 2116.7 | 2111.3 | 2109.1 | 2111.3 | 2116.7 | 2122.1 | 2132.2 |
| 2204.1 | 12.5° | 2181.6 | 2170.3 | 2159.1 | 2154.5 | 2149.9 | 2149.1 | 2149.9 | 2154.5 | 2159.1 | 2170.3 |
| 2297.1 | 15° | 2262.9 | 2247.2 | 2231.6 | 2225.6 | 2219.6 | 2219.1 | 2219.6 | 2225.6 | 2231.6 | 2247.2 |
| 2391.5 | 17.5° | 2341.1 | 2317.9 | 2294.6 | 2287.0 | 2279.3 | 2278.1 | 2279.3 | 2287.0 | 2294.6 | 2317.9 |
| 2450.3 | 20° | 2388.6 | 2358.9 | 2329.1 | 2319.6 | 2310.1 | 2307.1 | 2310.1 | 2319.6 | 2329.1 | 2358.9 |
| 2454.0 | 22.5° | 2390.3 | 2359.0 | 2327.6 | 2317.1 | 2306.6 | 2302.1 | 2306.6 | 2317.1 | 2327.6 | 2359.0 |
| 2398.3 | 25° | 2341.9 | 2314.7 | 2287.6 | 2277.7 | 2267.9 | 2262.1 | 2267.9 | 2277.7 | 2287.6 | 2314.7 |
| 2291.0 | 27.5° | 2247.1 | 2228.9 | 2210.6 | 2206.1 | 2201.6 | 2200.1 | 2201.6 | 2206.1 | 2210.6 | 2228.9 |
| 2161.9 | 30° | 2130.3 | 2121.0 | 2111.6 | 2111.6 | 2111.6 | 2113.1 | 2111.6 | 2111.6 | 2111.6 | 2121.0 |
| 2038.1 | 32.5° | 2013.0 | 2006.9 | 2000.8 | 2001.6 | 2002.5 | 2004.0 | 2002.5 | 2001.6 | 2000.8 | 2006.9 |
| 1932.6 | 35° | 1909.5 | 1900.2 | 1891.0 | 1889.0 | 1887.0 | 1886.0 | 1887.0 | 1889.0 | 1891.0 | 1900.2 |
| 1842.9 | 37.5° | 1821.5 | 1804.6 | 1787.8 | 1778.9 | 1770.0 | 1765.0 | 1770.0 | 1778.9 | 1787.8 | 1804.6 |
| 1758.9 | 40° | 1740.8 | 1716.2 | 1691.8 | 1675.2 | 1658.8 | 1649.0 | 1658.8 | 1675.2 | 1691.8 | 1716.2 |
| 1674.2 | 42.5° | 1659.0 | 1628.5 | 1598.0 | 1573.9 | 1549.8 | 1534.0 | 1549.8 | 1573.9 | 1598.0 | 1628.5 |
| 1592.2 | 45° | 1578.5 | 1543.6 | 1508.8 | 1480.5 | 1452.2 | 1434.0 | 1452.2 | 1480.5 | 1508.8 | 1543.6 |
| 1524.4 | 47.5° | 1514.8 | 1483.8 | 1452.8 | 1426.6 | 1400.5 | 1383.0 | 1400.5 | 1426.6 | 1452.8 | 1483.8 |
| 1477.2 | 50° | 1476.8 | 1452.0 | 1427.2 | 1403.0 | 1378.8 | 1362.0 | 1378.8 | 1403.0 | 1427.2 | 1452.0 |
| 1446.0 | 52.5° | 1451.2 | 1431.0 | 1410.8 | 1389.1 | 1367.5 | 1352.0 | 1367.5 | 1389.1 | 1410.8 | 1431.0 |
| 1420.0 | 55° | 1427.2 | 1409.6 | 1392.0 | 1373.0 | 1354.0 | 1340.0 | 1354.0 | 1373.0 | 1392.0 | 1409.6 |
| 1394.5 | 57.5° | 1401.8 | 1384.0 | 1366.2 | 1347.4 | 1328.5 | 1314.0 | 1328.5 | 1347.4 | 1366.2 | 1384.0 |
| 1358.5 | 60° | 1366.5 | 1349.1 | 1331.8 | 1312.4 | 1293.0 | 1278.0 | 1293.0 | 1312.4 | 1331.8 | 1349.1 |
| 1302.5 | 62.5° | 1310.2 | 1294.5 | 1278.8 | 1258.4 | 1238.0 | 1220.0 | 1238.0 | 1258.4 | 1278.8 | 1294.5 |
| 1226.4 | 65° | 1234.2 | 1219.1 | 1204.0 | 1184.2 | 1164.5 | 1149.0 | 1164.5 | 1184.2 | 1204.0 | 1219.1 |
| 1139.9 | 67.5° | 1147.5 | 1133.6 | 1119.8 | 1101.4 | 1083.0 | 1069.0 | 1083.0 | 1101.4 | 1119.8 | 1133.6 |
| 1047.4 | 70° | 1054.8 | 1043.5 | 1032.2 | 1014.6 | 997.0 | 981.0 | 997.0 | 1014.6 | 1032.2 | 1043.5 |
| 944.0 | 72.5° | 952.8 | 943.4 | 934.0 | 917.2 | 900.5 | 885.0 | 900.5 | 917.2 | 934.0 | 943.4 |
| 822.0 | 75° | 831.2 | 826.6 | 822.0 | 807.9 | 793.8 | 779.0 | 793.8 | 807.9 | 822.0 | 826.6 |
| 704.6 | 77.5° | 713.2 | 706.8 | 700.2 | 686.0 | 671.8 | 660.0 | 671.8 | 686.0 | 700.2 | 706.8 |
| 568.6 | 80° | 580.0 | 577.2 | 574.5 | 555.4 | 536.2 | 514.0 | 536.2 | 555.4 | 574.5 | 577.2 |
| 413.6 | 82.5° | 433.0 | 431.8 | 430.5 | 414.4 | 398.2 | 384.0 | 398.2 | 414.4 | 430.5 | 431.8 |
| 251.0 | 85° | 275.0 | 273.0 | 271.0 | 258.4 | 245.8 | 233.0 | 245.8 | 258.4 | 271.0 | 273.0 |
| 109.5 | 87.5° | 119.2 | 116.8 | 114.2 | 107.8 | 101.2 | 95.0 | 101.2 | 107.8 | 114.2 | 116.8 |
| 0.0 | 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

REPORT NUMBER: P949210
 CATALOG NUMBER: GALN-SB4A-740-U-SLR

CANDELA DISTRIBUTION (continued):

| 160° | | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° |
|--------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 2606.1 | 0° | 2606.1 | 2606.1 | 2606.1 | 2606.1 | 2606.1 | 2606.1 | 2606.1 | 2606.1 | 2606.1 | 2606.1 |
| 2403.1 | 2.5° | 2412.6 | 2422.1 | 2433.9 | 2445.6 | 2460.7 | 2475.9 | 2491.0 | 2506.1 | 2523.3 | 2540.6 |
| 2256.9 | 5° | 2270.0 | 2283.1 | 2301.9 | 2320.6 | 2345.0 | 2369.3 | 2396.1 | 2422.9 | 2453.2 | 2483.6 |
| 2168.9 | 7.5° | 2184.5 | 2200.1 | 2222.3 | 2244.6 | 2274.3 | 2304.1 | 2337.9 | 2371.6 | 2411.6 | 2451.6 |
| 2142.3 | 10° | 2159.9 | 2177.3 | 2204.0 | 2230.6 | 2264.1 | 2297.6 | 2334.0 | 2370.3 | 2410.3 | 2450.3 |
| 2181.6 | 12.5° | 2204.1 | 2226.6 | 2260.6 | 2294.6 | 2329.2 | 2363.9 | 2392.3 | 2420.9 | 2447.3 | 2473.9 |
| 2262.9 | 15° | 2297.1 | 2331.3 | 2379.7 | 2428.1 | 2458.2 | 2488.3 | 2495.7 | 2503.1 | 2499.5 | 2495.9 |
| 2341.1 | 17.5° | 2391.5 | 2441.9 | 2506.0 | 2570.1 | 2594.3 | 2618.6 | 2595.5 | 2572.3 | 2528.7 | 2485.1 |
| 2388.6 | 20° | 2450.3 | 2512.1 | 2585.3 | 2658.6 | 2669.9 | 2681.1 | 2632.6 | 2584.1 | 2508.3 | 2432.6 |
| 2390.3 | 22.5° | 2454.0 | 2517.6 | 2587.6 | 2657.6 | 2650.9 | 2644.1 | 2581.0 | 2517.9 | 2431.3 | 2344.9 |
| 2341.9 | 25° | 2398.3 | 2454.9 | 2512.2 | 2569.6 | 2546.5 | 2523.3 | 2461.2 | 2399.1 | 2321.3 | 2243.6 |
| 2247.1 | 27.5° | 2291.0 | 2334.9 | 2375.7 | 2416.6 | 2390.7 | 2364.9 | 2315.1 | 2265.3 | 2201.5 | 2137.6 |
| 2130.3 | 30° | 2161.9 | 2193.3 | 2224.5 | 2255.6 | 2234.6 | 2213.6 | 2172.2 | 2130.9 | 2077.9 | 2024.8 |
| 2013.0 | 32.5° | 2038.1 | 2063.3 | 2092.0 | 2120.6 | 2097.2 | 2073.9 | 2034.1 | 1994.5 | 1952.1 | 1909.8 |
| 1909.5 | 35° | 1932.6 | 1955.8 | 1976.1 | 1996.5 | 1968.5 | 1940.5 | 1901.2 | 1862.0 | 1829.8 | 1797.5 |
| 1821.5 | 37.5° | 1842.9 | 1864.2 | 1873.6 | 1883.0 | 1848.4 | 1813.8 | 1774.6 | 1735.5 | 1712.4 | 1689.2 |
| 1740.8 | 40° | 1758.9 | 1777.0 | 1774.8 | 1772.5 | 1732.6 | 1692.8 | 1655.0 | 1617.2 | 1600.5 | 1583.8 |
| 1659.0 | 42.5° | 1674.2 | 1689.5 | 1678.0 | 1666.5 | 1623.5 | 1580.5 | 1544.6 | 1508.8 | 1495.1 | 1481.5 |
| 1578.5 | 45° | 1592.2 | 1606.0 | 1589.5 | 1573.0 | 1528.4 | 1483.8 | 1449.8 | 1415.8 | 1404.2 | 1392.8 |
| 1514.8 | 47.5° | 1524.4 | 1534.0 | 1515.0 | 1496.0 | 1452.0 | 1408.0 | 1374.8 | 1341.5 | 1330.8 | 1320.0 |
| 1476.8 | 50° | 1477.2 | 1477.8 | 1453.4 | 1429.0 | 1389.6 | 1350.2 | 1318.9 | 1287.5 | 1270.6 | 1253.8 |
| 1451.2 | 52.5° | 1446.0 | 1440.8 | 1411.9 | 1383.0 | 1346.2 | 1309.5 | 1280.8 | 1252.0 | 1226.8 | 1201.5 |
| 1427.2 | 55° | 1420.0 | 1412.8 | 1382.1 | 1351.5 | 1319.4 | 1287.2 | 1256.2 | 1225.2 | 1189.4 | 1153.5 |
| 1401.8 | 57.5° | 1394.5 | 1387.2 | 1356.4 | 1325.5 | 1293.6 | 1261.8 | 1225.4 | 1189.0 | 1150.4 | 1111.8 |
| 1366.5 | 60° | 1358.5 | 1350.5 | 1319.5 | 1288.5 | 1256.1 | 1223.8 | 1182.0 | 1140.2 | 1106.4 | 1072.5 |
| 1310.2 | 62.5° | 1302.5 | 1294.8 | 1266.4 | 1238.0 | 1203.5 | 1169.0 | 1120.2 | 1071.5 | 1050.0 | 1028.5 |
| 1234.2 | 65° | 1226.4 | 1218.5 | 1193.5 | 1168.5 | 1135.5 | 1102.5 | 1050.2 | 998.0 | 989.8 | 981.5 |
| 1147.5 | 67.5° | 1139.9 | 1132.2 | 1110.6 | 1089.0 | 1057.8 | 1026.5 | 978.2 | 930.0 | 932.6 | 935.2 |
| 1054.8 | 70° | 1047.4 | 1040.0 | 1020.5 | 1001.0 | 974.0 | 947.0 | 904.6 | 862.2 | 871.2 | 880.2 |
| 952.8 | 72.5° | 944.0 | 935.2 | 916.1 | 897.0 | 872.6 | 848.2 | 814.9 | 781.5 | 794.6 | 807.8 |
| 831.2 | 75° | 822.0 | 812.8 | 795.4 | 778.0 | 755.9 | 733.8 | 709.0 | 684.2 | 696.9 | 709.5 |
| 713.2 | 77.5° | 704.6 | 696.0 | 677.8 | 659.5 | 640.5 | 621.5 | 601.4 | 581.2 | 594.0 | 606.8 |
| 580.0 | 80° | 568.6 | 557.2 | 543.4 | 529.5 | 513.5 | 497.5 | 480.8 | 464.0 | 474.8 | 485.5 |
| 433.0 | 82.5° | 413.6 | 394.2 | 364.6 | 335.0 | 340.6 | 346.2 | 347.6 | 349.0 | 356.6 | 364.2 |
| 275.0 | 85° | 251.0 | 227.0 | 199.2 | 171.5 | 187.0 | 202.5 | 209.8 | 217.0 | 225.5 | 234.0 |
| 119.2 | 87.5° | 109.5 | 99.8 | 88.1 | 76.5 | 88.4 | 100.2 | 100.5 | 100.8 | 102.4 | 104.0 |
| 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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 CATALOG NUMBER: GALN-SB4A-740-U-SLR

CANDELA DISTRIBUTION (continued):

| 215° | | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° |
|--------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 2606.1 | 0° | 2606.1 | 2606.1 | 2606.1 | 2606.1 | 2606.1 | 2606.1 | 2606.1 | 2606.1 | 2606.1 | 2606.1 |
| 2559.7 | 2.5° | 2578.9 | 2602.6 | 2623.9 | 2645.9 | 2667.9 | 2690.9 | 2713.9 | 2736.7 | 2759.6 | 2781.1 |
| 2519.9 | 5° | 2556.1 | 2597.6 | 2639.6 | 2684.1 | 2728.6 | 2776.2 | 2823.9 | 2871.2 | 2918.6 | 2966.1 |
| 2499.7 | 7.5° | 2547.9 | 2601.6 | 2658.9 | 2721.0 | 2783.1 | 2853.6 | 2924.1 | 2996.5 | 3068.9 | 3147.2 |
| 2501.1 | 10° | 2551.9 | 2609.6 | 2680.3 | 2753.9 | 2827.3 | 2913.0 | 2998.6 | 3094.2 | 3189.9 | 3289.0 |
| 2515.3 | 12.5° | 2556.9 | 2610.6 | 2684.9 | 2768.0 | 2851.1 | 2952.1 | 3053.1 | 3161.5 | 3269.9 | 3378.7 |
| 2515.7 | 15° | 2535.6 | 2578.6 | 2660.9 | 2757.1 | 2853.3 | 2969.6 | 3085.9 | 3203.5 | 3321.1 | 3434.6 |
| 2477.9 | 17.5° | 2470.6 | 2497.1 | 2593.9 | 2709.6 | 2825.3 | 2960.3 | 3095.3 | 3223.6 | 3351.9 | 3467.0 |
| 2398.6 | 20° | 2364.6 | 2371.6 | 2484.3 | 2627.7 | 2771.1 | 2934.7 | 3098.3 | 3239.3 | 3380.3 | 3500.0 |
| 2294.6 | 22.5° | 2244.3 | 2230.6 | 2358.9 | 2531.6 | 2704.3 | 2903.3 | 3102.3 | 3260.5 | 3418.6 | 3540.9 |
| 2185.6 | 25° | 2127.6 | 2090.6 | 2222.1 | 2424.3 | 2626.6 | 2872.3 | 3118.1 | 3298.9 | 3479.6 | 3599.3 |
| 2081.6 | 27.5° | 2025.5 | 1980.5 | 2100.3 | 2326.2 | 2552.1 | 2851.6 | 3151.1 | 3358.9 | 3566.6 | 3680.9 |
| 1980.2 | 30° | 1935.8 | 1900.5 | 2001.0 | 2244.2 | 2487.3 | 2841.9 | 3196.3 | 3436.6 | 3676.9 | 3787.2 |
| 1883.5 | 32.5° | 1857.2 | 1841.5 | 1922.5 | 2173.5 | 2424.3 | 2829.9 | 3235.3 | 3517.7 | 3800.1 | 3909.3 |
| 1790.2 | 35° | 1783.0 | 1789.5 | 1857.0 | 2104.0 | 2350.9 | 2807.3 | 3263.9 | 3610.1 | 3956.3 | 4061.0 |
| 1697.2 | 37.5° | 1705.2 | 1729.0 | 1788.0 | 2022.1 | 2256.3 | 2768.6 | 3280.9 | 3713.6 | 4146.3 | 4279.7 |
| 1601.9 | 40° | 1620.0 | 1656.5 | 1710.0 | 1924.5 | 2139.1 | 2715.3 | 3291.6 | 3845.0 | 4398.3 | 4592.7 |
| 1505.5 | 42.5° | 1529.5 | 1575.5 | 1624.8 | 1816.8 | 2008.8 | 2660.3 | 3311.9 | 4016.9 | 4721.9 | 5002.5 |
| 1416.1 | 45° | 1439.5 | 1484.0 | 1534.0 | 1702.4 | 1870.8 | 2609.2 | 3347.6 | 4243.1 | 5138.6 | 5517.1 |
| 1339.6 | 47.5° | 1359.2 | 1397.5 | 1462.0 | 1611.9 | 1761.8 | 2567.0 | 3372.1 | 4484.1 | 5596.1 | 6128.9 |
| 1271.1 | 50° | 1288.5 | 1333.0 | 1417.8 | 1551.8 | 1685.8 | 2521.0 | 3356.1 | 4707.7 | 6059.3 | 6862.6 |
| 1218.6 | 52.5° | 1235.8 | 1298.0 | 1395.5 | 1512.2 | 1629.0 | 2443.3 | 3257.6 | 4852.9 | 6448.2 | 7633.2 |
| 1180.6 | 55° | 1207.8 | 1301.5 | 1392.2 | 1483.5 | 1574.8 | 2314.5 | 3054.1 | 4820.9 | 6587.7 | 8316.4 |
| 1151.4 | 57.5° | 1191.0 | 1305.0 | 1385.0 | 1449.5 | 1514.0 | 2132.9 | 2751.6 | 4595.7 | 6440.0 | 8800.6 |
| 1123.9 | 60° | 1175.2 | 1294.0 | 1346.8 | 1397.5 | 1448.2 | 1897.0 | 2345.9 | 4176.6 | 6007.3 | 8921.6 |
| 1092.6 | 62.5° | 1156.8 | 1267.0 | 1273.5 | 1307.1 | 1340.8 | 1614.8 | 1888.8 | 3609.9 | 5330.9 | 8412.1 |
| 1049.8 | 65° | 1118.0 | 1202.0 | 1201.2 | 1217.1 | 1233.0 | 1360.9 | 1488.8 | 3031.7 | 4574.6 | 7691.2 |
| 992.0 | 67.5° | 1048.8 | 1096.0 | 1098.2 | 1089.4 | 1080.5 | 1116.9 | 1153.2 | 2465.3 | 3777.3 | 6833.3 |
| 920.6 | 70° | 961.0 | 976.5 | 976.5 | 935.4 | 894.2 | 883.9 | 873.5 | 1941.0 | 3008.6 | 5897.1 |
| 835.5 | 72.5° | 863.2 | 863.0 | 853.2 | 794.9 | 736.5 | 705.1 | 673.8 | 1483.9 | 2294.1 | 4882.3 |
| 730.9 | 75° | 752.2 | 756.0 | 710.8 | 645.4 | 580.0 | 551.6 | 523.2 | 1077.0 | 1630.8 | 3719.0 |
| 623.9 | 77.5° | 641.0 | 643.0 | 568.5 | 505.0 | 441.5 | 422.1 | 402.8 | 729.8 | 1056.8 | 2603.0 |
| 499.9 | 80° | 514.2 | 514.5 | 425.5 | 371.8 | 318.0 | 310.0 | 302.0 | 470.2 | 638.5 | 1677.0 |
| 371.2 | 82.5° | 378.2 | 374.0 | 298.0 | 258.4 | 218.8 | 217.2 | 215.8 | 289.2 | 362.8 | 970.6 |
| 241.5 | 85° | 249.0 | 243.5 | 187.0 | 158.0 | 129.0 | 129.8 | 130.5 | 154.6 | 178.8 | 436.6 |
| 107.0 | 87.5° | 110.0 | 103.0 | 79.5 | 67.6 | 55.8 | 56.5 | 57.2 | 64.1 | 71.0 | 143.0 |
| 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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 CATALOG NUMBER: GALN-SB4A-740-U-SLR

CANDELA DISTRIBUTION (continued):

| 270° | | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° |
|---------|-------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 2606.1 | 0° | 2606.1 | 2606.1 | 2606.1 | 2606.1 | 2606.1 | 2606.1 | 2606.1 | 2606.1 | 2606.1 | 2606.1 |
| 2802.6 | 2.5° | 2813.2 | 2823.9 | 2839.0 | 2854.1 | 2863.1 | 2872.1 | 2876.6 | 2881.1 | 2879.1 | 2881.1 |
| 3013.6 | 5° | 3050.7 | 3087.9 | 3124.7 | 3161.6 | 3181.6 | 3201.6 | 3213.7 | 3225.9 | 3235.1 | 3225.9 |
| 3225.6 | 7.5° | 3286.0 | 3346.3 | 3400.6 | 3454.9 | 3487.6 | 3520.3 | 3538.0 | 3555.6 | 3564.1 | 3555.6 |
| 3388.1 | 10° | 3459.5 | 3530.9 | 3594.6 | 3658.3 | 3696.9 | 3735.3 | 3752.5 | 3769.6 | 3776.1 | 3769.6 |
| 3487.6 | 12.5° | 3565.0 | 3642.3 | 3699.9 | 3757.3 | 3785.3 | 3813.3 | 3822.7 | 3832.1 | 3833.1 | 3832.1 |
| 3548.1 | 15° | 3614.9 | 3681.6 | 3717.7 | 3753.9 | 3754.9 | 3755.9 | 3745.9 | 3735.9 | 3724.1 | 3735.9 |
| 3582.1 | 17.5° | 3627.2 | 3672.3 | 3673.0 | 3673.6 | 3633.1 | 3592.6 | 3555.5 | 3518.3 | 3492.1 | 3518.3 |
| 3619.6 | 20° | 3635.3 | 3651.1 | 3603.6 | 3556.1 | 3466.7 | 3377.3 | 3312.2 | 3247.1 | 3207.1 | 3247.1 |
| 3663.1 | 22.5° | 3642.5 | 3621.9 | 3523.5 | 3425.1 | 3293.6 | 3162.1 | 3080.7 | 2999.3 | 2955.1 | 2999.3 |
| 3719.1 | 25° | 3654.1 | 3589.1 | 3439.7 | 3290.3 | 3130.6 | 2970.9 | 2885.3 | 2799.9 | 2758.1 | 2799.9 |
| 3795.1 | 27.5° | 3678.9 | 3562.6 | 3364.7 | 3166.9 | 2989.9 | 2812.9 | 2728.7 | 2644.6 | 2605.1 | 2644.6 |
| 3897.6 | 30° | 3724.3 | 3551.1 | 3307.5 | 3063.9 | 2879.5 | 2695.1 | 2617.0 | 2538.9 | 2502.1 | 2538.9 |
| 4018.6 | 32.5° | 3781.3 | 3544.1 | 3268.5 | 2992.9 | 2819.6 | 2646.3 | 2585.0 | 2523.6 | 2497.1 | 2523.6 |
| 4165.6 | 35° | 3875.2 | 3584.9 | 3297.7 | 3010.6 | 2890.2 | 2769.9 | 2755.6 | 2741.3 | 2739.1 | 2741.3 |
| 4413.1 | 37.5° | 4071.5 | 3729.9 | 3468.9 | 3207.9 | 3200.1 | 3192.3 | 3257.7 | 3323.1 | 3357.1 | 3323.1 |
| 4787.1 | 40° | 4415.6 | 4044.1 | 3850.0 | 3655.9 | 3792.9 | 3929.9 | 4088.9 | 4247.9 | 4327.1 | 4247.9 |
| 5283.1 | 42.5° | 4914.5 | 4545.9 | 4434.1 | 4322.3 | 4621.1 | 4919.9 | 5209.1 | 5498.3 | 5668.1 | 5498.3 |
| 5895.6 | 45° | 5564.5 | 5233.3 | 5184.0 | 5134.6 | 5613.3 | 6092.1 | 6567.4 | 7042.7 | 7331.2 | 7042.7 |
| 6661.7 | 47.5° | 6339.6 | 6017.3 | 6007.3 | 5997.3 | 6688.0 | 7378.4 | 8074.1 | 8769.7 | 9178.2 | 8769.7 |
| 7665.7 | 50° | 7267.8 | 6870.0 | 6871.7 | 6873.4 | 7763.4 | 8653.4 | 9571.7 | 10490.1 | 11045.3 | 10490.1 |
| 8818.2 | 52.5° | 8336.4 | 7854.7 | 7806.0 | 7757.2 | 8820.3 | 9883.4 | 11019.7 | 12155.8 | 12821.3 | 12155.8 |
| 10045.2 | 55° | 9569.2 | 9093.2 | 8903.3 | 8713.4 | 9896.6 | 11079.8 | 12434.3 | 13788.8 | 14580.4 | 13788.8 |
| 11161.3 | 57.5° | 10902.1 | 10642.8 | 10261.8 | 9881.0 | 11075.8 | 12270.5 | 13804.7 | 15338.9 | 16320.4 | 15338.9 |
| 11835.8 | 60° | 12238.4 | 12641.1 | 12168.1 | 11695.1 | 12825.7 | 13956.3 | 15599.0 | 17241.6 | 18302.4 | 17241.6 |
| 11493.3 | 62.5° | 12593.4 | 13693.5 | 13640.2 | 13586.8 | 14622.6 | 15658.4 | 17221.2 | 18784.0 | 19764.5 | 18784.0 |
| 10807.8 | 65° | 11840.3 | 12872.8 | 13077.1 | 13281.3 | 14597.6 | 15913.9 | 17429.3 | 18944.7 | 19779.5 | 18944.7 |
| 9889.2 | 67.5° | 10871.3 | 11853.3 | 11949.1 | 12044.8 | 13416.2 | 14787.6 | 16309.5 | 17831.4 | 18485.4 | 17831.4 |
| 8785.7 | 70° | 9853.8 | 10922.1 | 10964.9 | 11007.8 | 12234.2 | 13460.5 | 14770.3 | 16079.9 | 16443.4 | 16079.9 |
| 7470.7 | 72.5° | 8696.4 | 9922.2 | 9953.0 | 9983.7 | 10943.3 | 11902.8 | 12883.7 | 13864.5 | 13901.3 | 13864.5 |
| 5807.1 | 75° | 7075.8 | 8344.4 | 8458.3 | 8572.2 | 9318.7 | 10065.2 | 10755.8 | 11446.3 | 11261.3 | 11446.3 |
| 4149.1 | 77.5° | 5333.3 | 6517.7 | 6680.7 | 6843.7 | 7411.2 | 7978.7 | 8468.4 | 8958.2 | 8640.2 | 8958.2 |
| 2715.6 | 80° | 3711.9 | 4708.1 | 4910.7 | 5113.3 | 5541.9 | 5970.3 | 6227.6 | 6484.7 | 5973.1 | 6484.7 |
| 1578.5 | 82.5° | 2259.7 | 2940.9 | 3167.2 | 3393.6 | 3688.6 | 3983.6 | 4090.9 | 4198.1 | 3796.1 | 4198.1 |
| 694.5 | 85° | 1056.0 | 1417.5 | 1610.0 | 1802.5 | 2044.9 | 2287.3 | 2348.2 | 2409.1 | 2087.1 | 2409.1 |
| 215.0 | 87.5° | 336.5 | 458.0 | 565.4 | 672.8 | 794.0 | 915.2 | 920.4 | 925.5 | 777.0 | 925.5 |
| 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° |
|---------|-------|---------|---------|---------|---------|---------|---------|---------|
| 2606.1 | 0° | 2606.1 | 2606.1 | 2606.1 | 2606.1 | 2606.1 | 2606.1 | 2606.1 |
| 2876.6 | 2.5° | 2872.1 | 2863.1 | 2854.1 | 2839.0 | 2823.9 | 2813.2 | 2802.6 |
| 3213.7 | 5° | 3201.6 | 3181.6 | 3161.6 | 3124.7 | 3087.9 | 3050.7 | 3013.6 |
| 3538.0 | 7.5° | 3520.3 | 3487.6 | 3454.9 | 3400.6 | 3346.3 | 3286.0 | 3225.6 |
| 3752.5 | 10° | 3735.3 | 3696.9 | 3658.3 | 3594.6 | 3530.9 | 3459.5 | 3388.1 |
| 3822.7 | 12.5° | 3813.3 | 3785.3 | 3757.3 | 3699.9 | 3642.3 | 3565.0 | 3487.6 |
| 3745.9 | 15° | 3755.9 | 3754.9 | 3753.9 | 3717.7 | 3681.6 | 3614.9 | 3548.1 |
| 3555.5 | 17.5° | 3592.6 | 3633.1 | 3673.6 | 3673.0 | 3672.3 | 3627.2 | 3582.1 |
| 3312.2 | 20° | 3377.3 | 3466.7 | 3556.1 | 3603.6 | 3651.1 | 3635.3 | 3619.6 |
| 3080.7 | 22.5° | 3162.1 | 3293.6 | 3425.1 | 3523.5 | 3621.9 | 3642.5 | 3663.1 |
| 2885.3 | 25° | 2970.9 | 3130.6 | 3290.3 | 3439.7 | 3589.1 | 3654.1 | 3719.1 |
| 2728.7 | 27.5° | 2812.9 | 2989.9 | 3166.9 | 3364.7 | 3562.6 | 3678.9 | 3795.1 |
| 2617.0 | 30° | 2695.1 | 2879.5 | 3063.9 | 3307.5 | 3551.1 | 3724.3 | 3897.6 |
| 2585.0 | 32.5° | 2646.3 | 2819.6 | 2992.9 | 3268.5 | 3544.1 | 3781.3 | 4018.6 |
| 2755.6 | 35° | 2769.9 | 2890.2 | 3010.6 | 3297.7 | 3584.9 | 3875.2 | 4165.6 |
| 3257.7 | 37.5° | 3192.3 | 3200.1 | 3207.9 | 3468.9 | 3729.9 | 4071.5 | 4413.1 |
| 4088.9 | 40° | 3929.9 | 3792.9 | 3655.9 | 3850.0 | 4044.1 | 4415.6 | 4787.1 |
| 5209.1 | 42.5° | 4919.9 | 4621.1 | 4322.3 | 4434.1 | 4545.9 | 4914.5 | 5283.1 |
| 6567.4 | 45° | 6092.1 | 5613.3 | 5134.6 | 5184.0 | 5233.3 | 5564.5 | 5895.6 |
| 8074.1 | 47.5° | 7378.4 | 6688.0 | 5997.3 | 6007.3 | 6017.3 | 6339.6 | 6661.7 |
| 9571.7 | 50° | 8653.4 | 7763.4 | 6873.4 | 6871.7 | 6870.0 | 7267.8 | 7665.7 |
| 11019.7 | 52.5° | 9883.4 | 8820.3 | 7757.2 | 7806.0 | 7854.7 | 8336.4 | 8818.2 |
| 12434.3 | 55° | 11079.8 | 9896.6 | 8713.4 | 8903.3 | 9093.2 | 9569.2 | 10045.2 |
| 13804.7 | 57.5° | 12270.5 | 11075.8 | 9881.0 | 10261.8 | 10642.8 | 10902.1 | 11161.3 |
| 15599.0 | 60° | 13956.3 | 12825.7 | 11695.1 | 12168.1 | 12641.1 | 12238.4 | 11835.8 |
| 17221.2 | 62.5° | 15658.4 | 14622.6 | 13586.8 | 13640.2 | 13693.5 | 12593.4 | 11493.3 |
| 17429.3 | 65° | 15913.9 | 14597.6 | 13281.3 | 13077.1 | 12872.8 | 11840.3 | 10807.8 |
| 16309.5 | 67.5° | 14787.6 | 13416.2 | 12044.8 | 11949.1 | 11853.3 | 10871.3 | 9889.2 |
| 14770.3 | 70° | 13460.5 | 12234.2 | 11007.8 | 10964.9 | 10922.1 | 9853.8 | 8785.7 |
| 12883.7 | 72.5° | 11902.8 | 10943.3 | 9983.7 | 9953.0 | 9922.2 | 8696.4 | 7470.7 |
| 10755.8 | 75° | 10065.2 | 9318.7 | 8572.2 | 8458.3 | 8344.4 | 7075.8 | 5807.1 |
| 8468.4 | 77.5° | 7978.7 | 7411.2 | 6843.7 | 6680.7 | 6517.7 | 5333.3 | 4149.1 |
| 6227.6 | 80° | 5970.3 | 5541.9 | 5113.3 | 4910.7 | 4708.1 | 3711.9 | 2715.6 |
| 4090.9 | 82.5° | 3983.6 | 3688.6 | 3393.6 | 3167.2 | 2940.9 | 2259.7 | 1578.5 |
| 2348.2 | 85° | 2287.3 | 2044.9 | 1802.5 | 1610.0 | 1417.5 | 1056.0 | 694.5 |
| 920.4 | 87.5° | 915.2 | 794.0 | 672.8 | 565.4 | 458.0 | 336.5 | 215.0 |
| 0.0 | 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

(END OF REPORT)