

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: P955153

Luminaire Tested: **GALN-SB8A-940-U-SLR**

Issue Date: 1/21/2025

Test Information

Test Method: LM-79-08
Report Number: P955153
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-SB8A-940-U-SLR
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(8) 90 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: 26190 lumens
Efficiency: N/A
Efficacy: 115.3 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B3 - U0 - G5

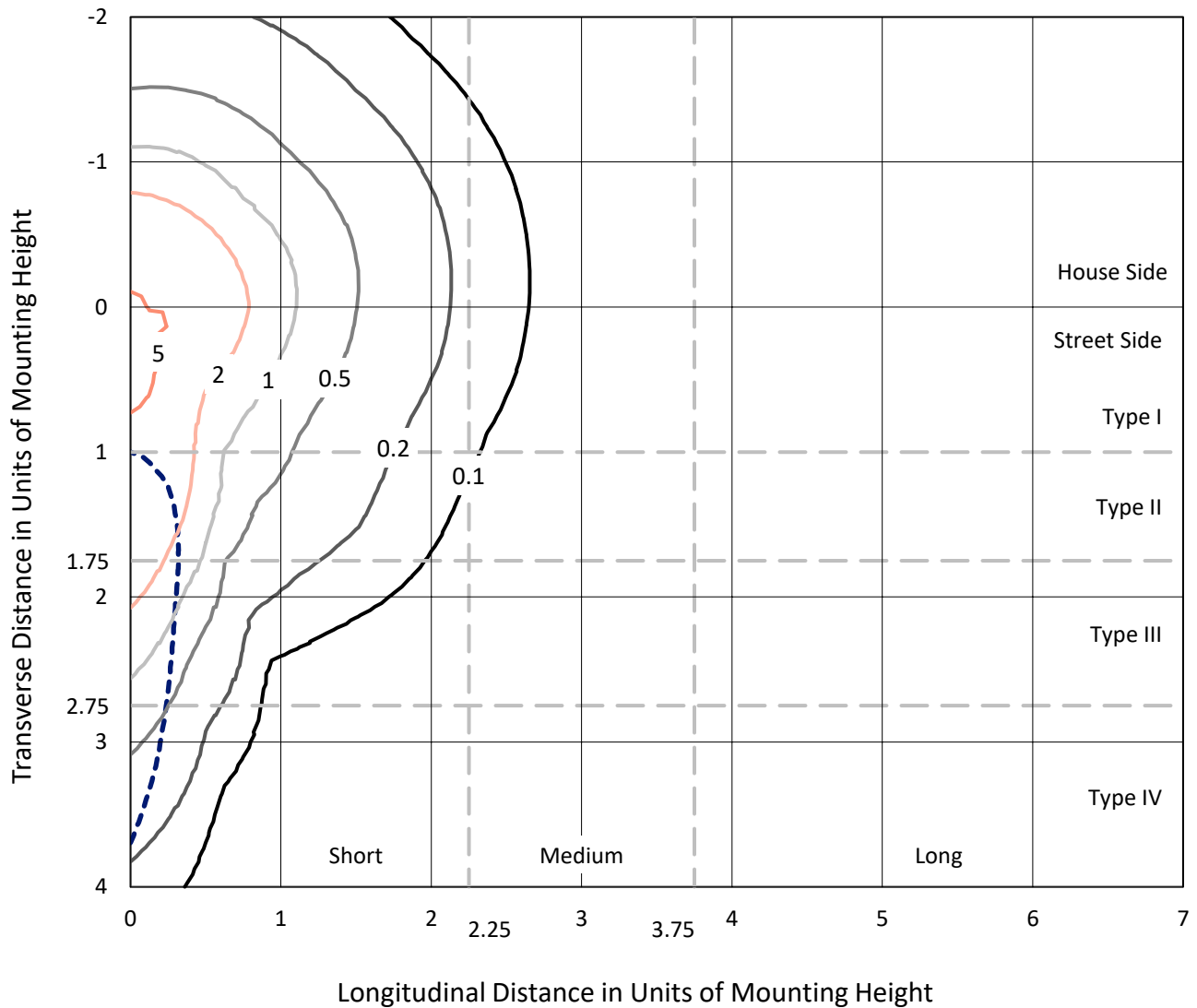
Input Watts (W): 227.1
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

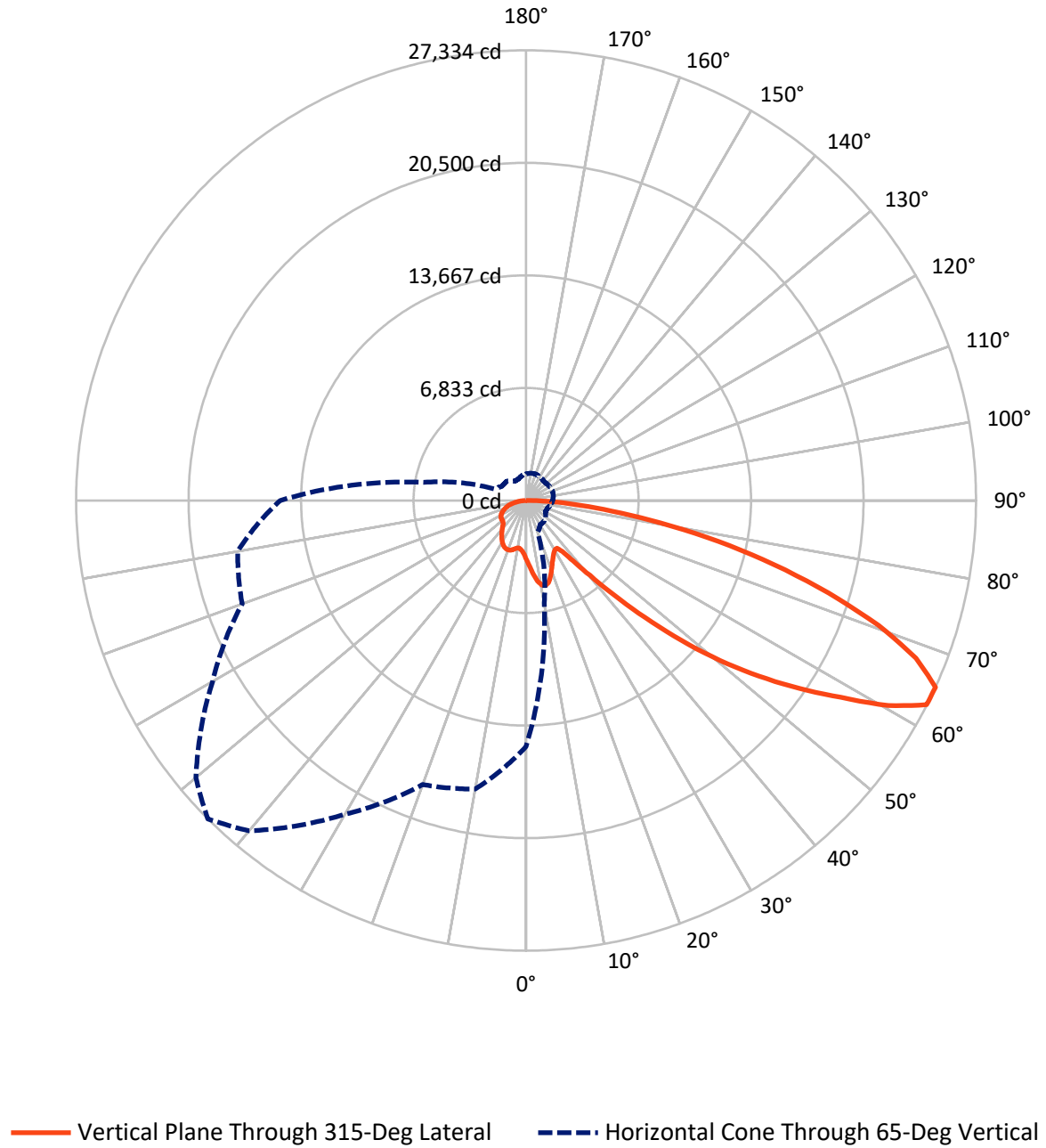
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 7.1 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 | 6656.2 | 0.0 | 6656.2 |
| | % Fixture | 25.4 | 0.0 | 25.4 |
| Street Side | Lumens | 19533.8 | 0.0 | 19533.8 |
| | % Fixture | 74.6 | 0.0 | 74.6 |
| Total | Lumens | 26190.0 | 0.0 | 26190.0 |
| | % Fixture | 100.0 | 0.0 | 100.0 |

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|---------|-----------|
| 0°-10° | 357.2 | 1.4 |
| 10°-20° | 1121.5 | 4.3 |
| 20°-30° | 1732.3 | 6.6 |
| 30°-40° | 2195.3 | 8.4 |
| 40°-50° | 3311.0 | 12.6 |
| 50°-60° | 5349.4 | 20.4 |
| 60°-70° | 6668.9 | 25.5 |
| 70°-80° | 4373.2 | 16.7 |
| 80°-90° | 1081.2 | 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° | 26190.0 | 100.0 |
| 0°-180° | 26190.0 | 100.0 |

Coefficient of Utilization

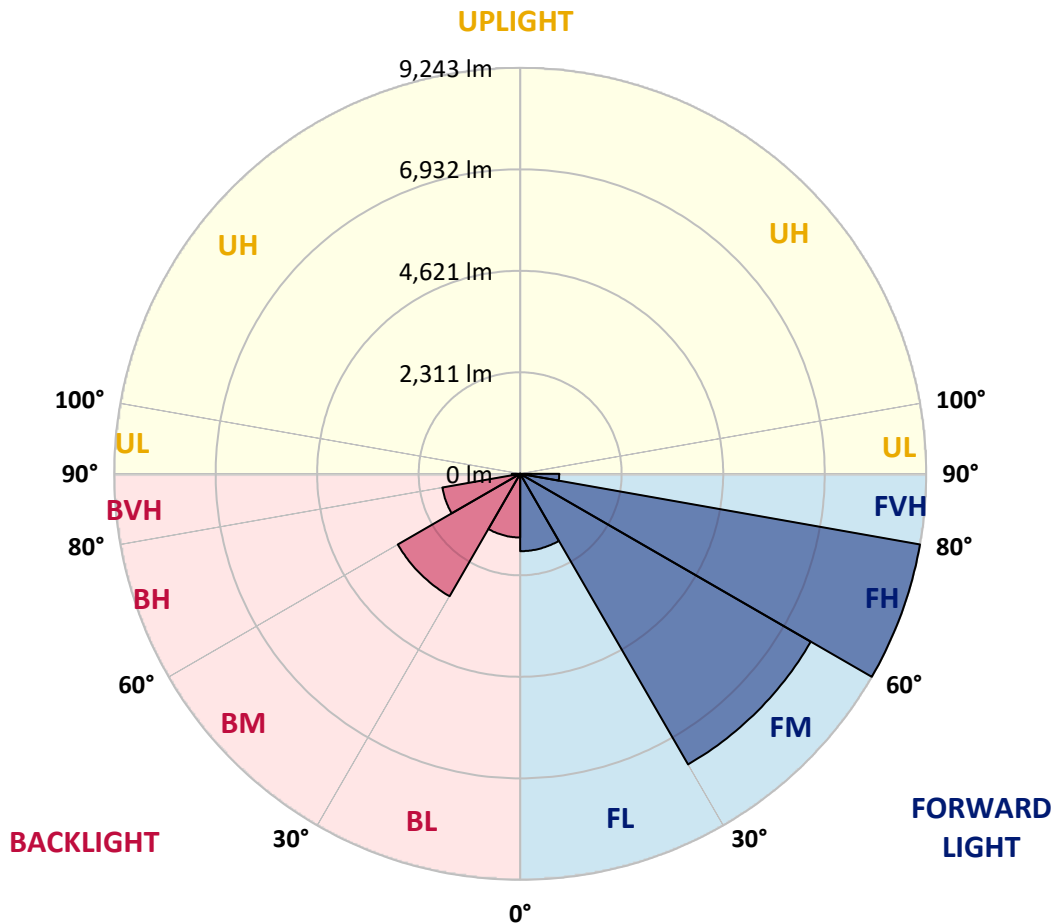


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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

| Zone | Lumens | % Fixture | Zone Rating/Lumen Limit | | |
|----------------|--------|-----------|-------------------------|------|----------|
| | | | B | U | G |
| FL (0°-30°) | 1761.6 | 6.7 | | | |
| FM (30°-60°) | 7639.1 | 29.2 | | | |
| FH (60°-80°) | 9242.6 | 35.3 | | | G4/12000 |
| FVH (80°-90°) | 890.6 | 3.4 | | | G5 |
| BL (0°-30°) | 1449.5 | 5.5 | B3/2500 | | |
| BM (30°-60°) | 3216.7 | 12.3 | B3/5000 | | |
| BH (60°-80°) | 1799.5 | 6.9 | B3/2500 | | G3/2500 |
| BVH (80°-90°) | 190.5 | 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-G5
 Type IV Short



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CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° |
|-------|---------|---------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 3601.4 | 3601.4 | 3601.4 | 3601.4 | 3601.4 | 3601.4 | 3601.4 | 3601.4 | 3601.4 | 3601.4 |
| 2.5° | 3872.9 | 3843.2 | 3813.5 | 3781.8 | 3750.3 | 3718.5 | 3686.8 | 3656.4 | 3625.9 | 3596.5 |
| 5° | 4164.5 | 4098.9 | 4033.2 | 3967.7 | 3902.3 | 3836.4 | 3770.6 | 3709.1 | 3647.6 | 3589.6 |
| 7.5° | 4457.5 | 4349.1 | 4240.9 | 4140.9 | 4040.8 | 3943.4 | 3846.0 | 3760.1 | 3674.3 | 3595.1 |
| 10° | 4682.0 | 4545.1 | 4408.1 | 4275.9 | 4143.8 | 4025.5 | 3907.0 | 3805.6 | 3703.9 | 3606.2 |
| 12.5° | 4819.5 | 4669.0 | 4518.7 | 4368.9 | 4219.1 | 4079.5 | 3939.9 | 3825.1 | 3710.2 | 3607.6 |
| 15° | 4903.1 | 4746.3 | 4589.4 | 4426.9 | 4264.4 | 4103.7 | 3943.0 | 3810.0 | 3677.1 | 3563.3 |
| 17.5° | 4950.1 | 4791.1 | 4632.0 | 4454.7 | 4277.4 | 4090.8 | 3904.3 | 3744.4 | 3584.5 | 3450.7 |
| 20° | 5002.0 | 4836.7 | 4671.3 | 4476.4 | 4281.5 | 4055.5 | 3829.4 | 3631.2 | 3433.0 | 3277.3 |
| 22.5° | 5062.1 | 4893.2 | 4724.2 | 4505.7 | 4287.1 | 4012.1 | 3737.1 | 3498.4 | 3259.7 | 3082.4 |
| 25° | 5139.5 | 4973.9 | 4808.5 | 4558.8 | 4308.9 | 3969.2 | 3629.7 | 3350.1 | 3070.7 | 2889.0 |
| 27.5° | 5244.5 | 5086.7 | 4928.7 | 4641.7 | 4354.5 | 3940.6 | 3526.7 | 3214.5 | 2902.4 | 2736.9 |
| 30° | 5386.1 | 5233.6 | 5081.1 | 4749.1 | 4417.0 | 3927.2 | 3437.2 | 3101.2 | 2765.3 | 2626.4 |
| 32.5° | 5553.3 | 5402.3 | 5251.4 | 4861.1 | 4470.9 | 3910.6 | 3350.1 | 3003.5 | 2656.8 | 2544.9 |
| 35° | 5756.5 | 5611.9 | 5467.3 | 4988.8 | 4510.4 | 3879.4 | 3248.7 | 2907.5 | 2566.3 | 2473.0 |
| 37.5° | 6098.5 | 5914.2 | 5729.8 | 5131.9 | 4533.9 | 3825.9 | 3117.9 | 2794.4 | 2470.9 | 2389.4 |
| 40° | 6615.4 | 6346.7 | 6078.1 | 5313.4 | 4548.7 | 3752.3 | 2956.0 | 2659.6 | 2363.1 | 2289.2 |
| 42.5° | 7300.8 | 6913.0 | 6525.3 | 5551.0 | 4576.7 | 3676.3 | 2776.1 | 2510.7 | 2245.4 | 2177.3 |
| 45° | 8147.3 | 7624.2 | 7101.1 | 5863.6 | 4626.1 | 3605.6 | 2585.3 | 2352.6 | 2119.9 | 2050.8 |
| 47.5° | 9205.8 | 8469.7 | 7733.4 | 6196.6 | 4659.9 | 3547.3 | 2434.7 | 2227.6 | 2020.4 | 1931.3 |
| 50° | 10593.3 | 9483.5 | 8373.5 | 6505.6 | 4637.8 | 3483.7 | 2329.7 | 2144.5 | 1959.3 | 1842.1 |
| 52.5° | 12186.0 | 10548.4 | 8910.8 | 6706.3 | 4501.7 | 3376.4 | 2251.2 | 2089.8 | 1928.5 | 1793.8 |
| 55° | 13881.6 | 11492.5 | 9103.6 | 6662.1 | 4220.5 | 3198.4 | 2176.3 | 2050.1 | 1923.9 | 1798.6 |
| 57.5° | 15423.9 | 12161.7 | 8899.5 | 6350.9 | 3802.4 | 2947.4 | 2092.3 | 2003.1 | 1914.0 | 1803.4 |
| 60° | 16356.0 | 12328.9 | 8301.6 | 5771.7 | 3241.8 | 2621.6 | 2001.3 | 1931.3 | 1861.2 | 1788.2 |
| 62.5° | 15882.7 | 11624.8 | 7366.9 | 4988.5 | 2610.2 | 2231.6 | 1852.9 | 1806.3 | 1759.9 | 1750.9 |
| 65° | 14935.4 | 10628.5 | 6321.7 | 4189.5 | 2057.4 | 1880.7 | 1703.9 | 1682.0 | 1660.0 | 1661.1 |
| 67.5° | 13666.1 | 9443.0 | 5219.9 | 3406.8 | 1593.7 | 1543.5 | 1493.2 | 1505.5 | 1517.7 | 1514.6 |
| 70° | 12141.1 | 8149.3 | 4157.6 | 2682.4 | 1207.1 | 1221.5 | 1235.7 | 1292.7 | 1349.5 | 1349.5 |
| 72.5° | 10323.8 | 6746.9 | 3170.2 | 2050.7 | 931.2 | 974.4 | 1017.8 | 1098.5 | 1179.1 | 1192.6 |
| 75° | 8025.0 | 5139.3 | 2253.7 | 1488.4 | 723.0 | 762.3 | 801.5 | 891.9 | 982.3 | 1044.8 |
| 77.5° | 5733.7 | 3597.1 | 1460.4 | 1008.5 | 556.6 | 583.3 | 610.1 | 697.9 | 785.6 | 888.6 |
| 80° | 3752.7 | 2317.5 | 882.4 | 649.8 | 417.3 | 428.4 | 439.5 | 513.8 | 588.0 | 711.0 |
| 82.5° | 2181.4 | 1341.3 | 501.4 | 399.7 | 298.2 | 300.2 | 302.4 | 357.1 | 411.8 | 516.8 |
| 85° | 959.8 | 603.4 | 247.1 | 213.6 | 180.3 | 179.4 | 178.3 | 218.3 | 258.4 | 336.5 |
| 87.5° | 297.1 | 197.6 | 98.1 | 88.6 | 79.0 | 78.1 | 77.1 | 93.4 | 109.9 | 142.3 |
| 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° |
|--------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 3601.4 | 0° | 3601.4 | 3601.4 | 3601.4 | 3601.4 | 3601.4 | 3601.4 | 3601.4 | 3601.4 | 3601.4 | 3601.4 |
| 3563.8 | 2.5° | 3537.2 | 3510.8 | 3486.9 | 3463.2 | 3442.3 | 3421.4 | 3400.4 | 3379.5 | 3363.4 | 3347.1 |
| 3532.3 | 5° | 3482.2 | 3432.1 | 3390.1 | 3348.2 | 3311.1 | 3274.1 | 3240.5 | 3206.8 | 3181.0 | 3155.0 |
| 3520.9 | 7.5° | 3454.3 | 3387.8 | 3332.6 | 3277.3 | 3230.7 | 3184.0 | 3142.8 | 3101.8 | 3071.0 | 3040.3 |
| 3526.4 | 10° | 3456.2 | 3386.0 | 3330.8 | 3275.5 | 3225.3 | 3175.0 | 3128.7 | 3082.4 | 3045.7 | 3008.8 |
| 3533.4 | 12.5° | 3475.9 | 3418.7 | 3381.9 | 3345.4 | 3305.9 | 3266.6 | 3218.7 | 3170.9 | 3123.9 | 3076.9 |
| 3503.9 | 15° | 3476.4 | 3449.1 | 3454.0 | 3459.0 | 3448.8 | 3438.6 | 3397.0 | 3355.4 | 3288.5 | 3221.6 |
| 3414.1 | 17.5° | 3424.2 | 3434.1 | 3494.4 | 3554.6 | 3586.7 | 3618.6 | 3585.0 | 3551.6 | 3463.0 | 3374.4 |
| 3267.6 | 20° | 3314.6 | 3361.6 | 3466.2 | 3570.9 | 3638.0 | 3705.0 | 3689.5 | 3673.9 | 3572.6 | 3471.4 |
| 3101.4 | 22.5° | 3170.9 | 3240.4 | 3359.8 | 3479.5 | 3566.7 | 3653.9 | 3663.3 | 3672.5 | 3575.8 | 3479.0 |
| 2940.1 | 25° | 3020.2 | 3100.4 | 3207.8 | 3315.3 | 3401.1 | 3486.9 | 3519.0 | 3550.9 | 3471.6 | 3392.4 |
| 2799.1 | 27.5° | 2876.5 | 2953.9 | 3042.2 | 3130.4 | 3199.2 | 3268.0 | 3303.7 | 3339.5 | 3283.0 | 3226.6 |
| 2675.2 | 30° | 2736.5 | 2798.2 | 2871.4 | 2944.6 | 3001.7 | 3058.9 | 3088.0 | 3117.0 | 3074.0 | 3030.9 |
| 2566.5 | 32.5° | 2602.9 | 2639.2 | 2697.7 | 2756.3 | 2811.0 | 2865.9 | 2898.1 | 2930.4 | 2890.9 | 2851.2 |
| 2464.0 | 35° | 2474.0 | 2484.0 | 2528.7 | 2573.2 | 2627.4 | 2681.7 | 2720.4 | 2759.1 | 2730.9 | 2702.8 |
| 2356.5 | 37.5° | 2345.4 | 2334.4 | 2366.4 | 2398.4 | 2452.4 | 2506.6 | 2554.4 | 2602.2 | 2589.2 | 2576.2 |
| 2238.8 | 40° | 2213.7 | 2188.7 | 2211.8 | 2234.9 | 2287.1 | 2339.4 | 2394.4 | 2449.5 | 2452.7 | 2455.7 |
| 2113.7 | 42.5° | 2080.5 | 2047.4 | 2066.1 | 2085.1 | 2134.6 | 2184.2 | 2243.6 | 2303.0 | 2318.9 | 2334.8 |
| 1989.3 | 45° | 1957.0 | 1924.8 | 1940.5 | 1956.6 | 2003.5 | 2050.5 | 2112.2 | 2173.8 | 2196.6 | 2219.4 |
| 1878.3 | 47.5° | 1851.3 | 1824.2 | 1839.1 | 1853.9 | 1899.9 | 1945.8 | 2006.6 | 2067.4 | 2093.6 | 2119.9 |
| 1780.6 | 50° | 1756.6 | 1732.7 | 1755.9 | 1779.3 | 1822.6 | 1865.9 | 1920.4 | 1974.8 | 2008.5 | 2042.2 |
| 1707.8 | 52.5° | 1684.0 | 1660.4 | 1695.4 | 1730.2 | 1770.0 | 1809.7 | 1860.4 | 1911.2 | 1951.2 | 1991.1 |
| 1669.1 | 55° | 1631.5 | 1594.1 | 1643.7 | 1693.2 | 1736.0 | 1778.8 | 1823.3 | 1867.7 | 1910.0 | 1952.4 |
| 1645.9 | 57.5° | 1591.2 | 1536.4 | 1589.8 | 1643.1 | 1693.4 | 1743.7 | 1787.7 | 1831.8 | 1874.5 | 1917.0 |
| 1624.1 | 60° | 1553.2 | 1482.1 | 1529.0 | 1575.7 | 1633.5 | 1691.2 | 1735.9 | 1780.6 | 1823.5 | 1866.3 |
| 1598.6 | 62.5° | 1509.9 | 1421.3 | 1451.0 | 1480.8 | 1548.1 | 1615.5 | 1663.2 | 1710.8 | 1750.1 | 1789.3 |
| 1545.0 | 65° | 1450.8 | 1356.4 | 1367.8 | 1379.2 | 1451.3 | 1523.6 | 1569.2 | 1614.8 | 1649.4 | 1683.9 |
| 1449.4 | 67.5° | 1370.9 | 1292.4 | 1288.8 | 1285.2 | 1351.8 | 1418.6 | 1461.8 | 1504.9 | 1534.8 | 1564.6 |
| 1328.0 | 70° | 1272.2 | 1216.4 | 1204.0 | 1191.5 | 1250.1 | 1308.7 | 1346.0 | 1383.3 | 1410.3 | 1437.2 |
| 1192.9 | 72.5° | 1154.6 | 1116.3 | 1098.1 | 1080.0 | 1126.1 | 1172.2 | 1205.9 | 1239.6 | 1266.0 | 1292.4 |
| 1039.5 | 75° | 1010.1 | 980.5 | 963.1 | 945.5 | 979.8 | 1014.1 | 1044.6 | 1075.2 | 1099.2 | 1123.2 |
| 885.8 | 77.5° | 862.2 | 838.6 | 820.9 | 803.2 | 831.1 | 858.9 | 885.1 | 911.4 | 936.7 | 961.8 |
| 710.6 | 80° | 690.8 | 670.9 | 656.1 | 641.2 | 664.4 | 687.5 | 709.6 | 731.7 | 750.9 | 770.0 |
| 522.7 | 82.5° | 513.0 | 503.3 | 492.8 | 482.3 | 480.4 | 478.4 | 470.7 | 463.0 | 503.9 | 544.8 |
| 344.1 | 85° | 333.7 | 323.4 | 311.6 | 299.9 | 289.9 | 279.8 | 258.4 | 237.0 | 275.3 | 313.7 |
| 152.0 | 87.5° | 147.9 | 143.7 | 141.5 | 139.3 | 138.9 | 138.5 | 122.2 | 105.7 | 121.7 | 137.9 |
| 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):

| 105° | | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° |
|--------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 3601.4 | 0° | 3601.4 | 3601.4 | 3601.4 | 3601.4 | 3601.4 | 3601.4 | 3601.4 | 3601.4 | 3601.4 | 3601.4 |
| 3333.9 | 2.5° | 3320.8 | 3310.6 | 3300.4 | 3291.0 | 3281.4 | 3269.7 | 3281.4 | 3291.0 | 3300.4 | 3310.6 |
| 3136.9 | 5° | 3118.8 | 3105.9 | 3093.1 | 3083.3 | 3073.4 | 3063.8 | 3073.4 | 3083.3 | 3093.1 | 3105.9 |
| 3018.7 | 7.5° | 2997.2 | 2982.4 | 2967.7 | 2958.9 | 2950.2 | 2943.5 | 2950.2 | 2958.9 | 2967.7 | 2982.4 |
| 2984.7 | 10° | 2960.4 | 2946.4 | 2932.5 | 2925.0 | 2917.6 | 2914.5 | 2917.6 | 2925.0 | 2932.5 | 2946.4 |
| 3045.8 | 12.5° | 3014.7 | 2999.1 | 2983.6 | 2977.3 | 2970.9 | 2969.8 | 2970.9 | 2977.3 | 2983.6 | 2999.1 |
| 3174.3 | 15° | 3127.1 | 3105.4 | 3083.8 | 3075.5 | 3067.2 | 3066.5 | 3067.2 | 3075.5 | 3083.8 | 3105.4 |
| 3304.8 | 17.5° | 3235.1 | 3203.1 | 3170.9 | 3160.4 | 3149.7 | 3148.1 | 3149.7 | 3160.4 | 3170.9 | 3203.1 |
| 3386.0 | 20° | 3300.8 | 3259.7 | 3218.6 | 3205.4 | 3192.3 | 3188.1 | 3192.3 | 3205.4 | 3218.6 | 3259.7 |
| 3391.2 | 22.5° | 3303.1 | 3259.9 | 3216.5 | 3202.0 | 3187.5 | 3181.2 | 3187.5 | 3202.0 | 3216.5 | 3259.9 |
| 3314.2 | 25° | 3236.2 | 3198.7 | 3161.2 | 3147.5 | 3134.0 | 3126.0 | 3134.0 | 3147.5 | 3161.2 | 3198.7 |
| 3165.9 | 27.5° | 3105.2 | 3080.1 | 3054.8 | 3048.6 | 3042.4 | 3040.3 | 3042.4 | 3048.6 | 3054.8 | 3080.1 |
| 2987.5 | 30° | 2943.8 | 2931.0 | 2918.0 | 2918.0 | 2918.0 | 2920.1 | 2918.0 | 2918.0 | 2918.0 | 2931.0 |
| 2816.5 | 32.5° | 2781.9 | 2773.4 | 2765.0 | 2766.1 | 2767.3 | 2769.4 | 2767.3 | 2766.1 | 2765.0 | 2773.4 |
| 2670.7 | 35° | 2638.8 | 2626.0 | 2613.3 | 2610.5 | 2607.7 | 2606.3 | 2607.7 | 2610.5 | 2613.3 | 2626.0 |
| 2546.8 | 37.5° | 2517.2 | 2493.9 | 2470.6 | 2458.3 | 2446.0 | 2439.1 | 2446.0 | 2458.3 | 2470.6 | 2493.9 |
| 2430.7 | 40° | 2405.7 | 2371.7 | 2338.0 | 2315.0 | 2292.4 | 2278.8 | 2292.4 | 2315.0 | 2338.0 | 2371.7 |
| 2313.7 | 42.5° | 2292.6 | 2250.5 | 2208.3 | 2175.0 | 2141.7 | 2119.9 | 2141.7 | 2175.0 | 2208.3 | 2250.5 |
| 2200.3 | 45° | 2181.4 | 2133.2 | 2085.1 | 2046.0 | 2006.9 | 1981.7 | 2006.9 | 2046.0 | 2085.1 | 2133.2 |
| 2106.6 | 47.5° | 2093.4 | 2050.5 | 2007.7 | 1971.5 | 1935.4 | 1911.2 | 1935.4 | 1971.5 | 2007.7 | 2050.5 |
| 2041.4 | 50° | 2040.9 | 2006.6 | 1972.3 | 1938.9 | 1905.4 | 1882.2 | 1905.4 | 1938.9 | 1972.3 | 2006.6 |
| 1998.3 | 52.5° | 2005.5 | 1977.6 | 1949.6 | 1919.7 | 1889.8 | 1868.4 | 1889.8 | 1919.7 | 1949.6 | 1977.6 |
| 1962.4 | 55° | 1972.3 | 1948.0 | 1923.7 | 1897.4 | 1871.2 | 1851.8 | 1871.2 | 1897.4 | 1923.7 | 1948.0 |
| 1927.1 | 57.5° | 1937.2 | 1912.6 | 1888.0 | 1862.0 | 1835.9 | 1815.9 | 1835.9 | 1862.0 | 1888.0 | 1912.6 |
| 1877.4 | 60° | 1888.4 | 1864.4 | 1840.5 | 1813.7 | 1786.9 | 1766.1 | 1786.9 | 1813.7 | 1840.5 | 1864.4 |
| 1800.0 | 62.5° | 1810.6 | 1788.9 | 1767.2 | 1739.0 | 1710.8 | 1686.0 | 1710.8 | 1739.0 | 1767.2 | 1788.9 |
| 1694.8 | 65° | 1705.6 | 1684.7 | 1663.9 | 1636.5 | 1609.3 | 1587.9 | 1609.3 | 1636.5 | 1663.9 | 1684.7 |
| 1575.3 | 67.5° | 1585.8 | 1566.6 | 1547.5 | 1522.1 | 1496.6 | 1477.3 | 1496.6 | 1522.1 | 1547.5 | 1566.6 |
| 1447.4 | 70° | 1457.7 | 1442.1 | 1426.4 | 1402.1 | 1377.8 | 1355.7 | 1377.8 | 1402.1 | 1426.4 | 1442.1 |
| 1304.6 | 72.5° | 1316.7 | 1303.7 | 1290.7 | 1267.5 | 1244.4 | 1223.0 | 1244.4 | 1267.5 | 1290.7 | 1303.7 |
| 1136.0 | 75° | 1148.7 | 1142.3 | 1136.0 | 1116.5 | 1097.0 | 1076.5 | 1097.0 | 1116.5 | 1136.0 | 1142.3 |
| 973.7 | 77.5° | 985.6 | 976.8 | 967.6 | 948.0 | 928.4 | 912.1 | 928.4 | 948.0 | 967.6 | 976.8 |
| 785.8 | 80° | 801.5 | 797.7 | 793.9 | 767.5 | 741.0 | 710.3 | 741.0 | 767.5 | 793.9 | 797.7 |
| 571.6 | 82.5° | 598.4 | 596.7 | 594.9 | 572.7 | 550.3 | 530.7 | 550.3 | 572.7 | 594.9 | 596.7 |
| 346.9 | 85° | 380.0 | 377.3 | 374.5 | 357.1 | 339.7 | 322.0 | 339.7 | 357.1 | 374.5 | 377.3 |
| 151.3 | 87.5° | 164.7 | 161.4 | 157.8 | 149.0 | 139.9 | 131.3 | 139.9 | 149.0 | 157.8 | 161.4 |
| 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-SB8A-940-U-SLR

CANDELA DISTRIBUTION (continued):

| 160° | | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° |
|--------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 3601.4 | 0° | 3601.4 | 3601.4 | 3601.4 | 3601.4 | 3601.4 | 3601.4 | 3601.4 | 3601.4 | 3601.4 | 3601.4 |
| 3320.8 | 2.5° | 3333.9 | 3347.1 | 3363.4 | 3379.5 | 3400.4 | 3421.4 | 3442.3 | 3463.2 | 3486.9 | 3510.8 |
| 3118.8 | 5° | 3136.9 | 3155.0 | 3181.0 | 3206.8 | 3240.5 | 3274.1 | 3311.1 | 3348.2 | 3390.1 | 3432.1 |
| 2997.2 | 7.5° | 3018.7 | 3040.3 | 3071.0 | 3101.8 | 3142.8 | 3184.0 | 3230.7 | 3277.3 | 3332.6 | 3387.8 |
| 2960.4 | 10° | 2984.7 | 3008.8 | 3045.7 | 3082.4 | 3128.7 | 3175.0 | 3225.3 | 3275.5 | 3330.8 | 3386.0 |
| 3014.7 | 12.5° | 3045.8 | 3076.9 | 3123.9 | 3170.9 | 3218.7 | 3266.6 | 3305.9 | 3345.4 | 3381.9 | 3418.7 |
| 3127.1 | 15° | 3174.3 | 3221.6 | 3288.5 | 3355.4 | 3397.0 | 3438.6 | 3448.8 | 3459.0 | 3454.0 | 3449.1 |
| 3235.1 | 17.5° | 3304.8 | 3374.4 | 3463.0 | 3551.6 | 3585.0 | 3618.6 | 3586.7 | 3554.6 | 3494.4 | 3434.1 |
| 3300.8 | 20° | 3386.0 | 3471.4 | 3572.6 | 3673.9 | 3689.5 | 3705.0 | 3638.0 | 3570.9 | 3466.2 | 3361.6 |
| 3303.1 | 22.5° | 3391.2 | 3479.0 | 3575.8 | 3672.5 | 3663.3 | 3653.9 | 3566.7 | 3479.5 | 3359.8 | 3240.4 |
| 3236.2 | 25° | 3314.2 | 3392.4 | 3471.6 | 3550.9 | 3519.0 | 3486.9 | 3401.1 | 3315.3 | 3207.8 | 3100.4 |
| 3105.2 | 27.5° | 3165.9 | 3226.6 | 3283.0 | 3339.5 | 3303.7 | 3268.0 | 3199.2 | 3130.4 | 3042.2 | 2953.9 |
| 2943.8 | 30° | 2987.5 | 3030.9 | 3074.0 | 3117.0 | 3088.0 | 3058.9 | 3001.7 | 2944.6 | 2871.4 | 2798.2 |
| 2781.9 | 32.5° | 2816.5 | 2851.2 | 2890.9 | 2930.4 | 2898.1 | 2865.9 | 2811.0 | 2756.3 | 2697.7 | 2639.2 |
| 2638.8 | 35° | 2670.7 | 2702.8 | 2730.9 | 2759.1 | 2720.4 | 2681.7 | 2627.4 | 2573.2 | 2528.7 | 2484.0 |
| 2517.2 | 37.5° | 2546.8 | 2576.2 | 2589.2 | 2602.2 | 2554.4 | 2506.6 | 2452.4 | 2398.4 | 2366.4 | 2334.4 |
| 2405.7 | 40° | 2430.7 | 2455.7 | 2452.7 | 2449.5 | 2394.4 | 2339.4 | 2287.1 | 2234.9 | 2211.8 | 2188.7 |
| 2292.6 | 42.5° | 2313.7 | 2334.8 | 2318.9 | 2303.0 | 2243.6 | 2184.2 | 2134.6 | 2085.1 | 2066.1 | 2047.4 |
| 2181.4 | 45° | 2200.3 | 2219.4 | 2196.6 | 2173.8 | 2112.2 | 2050.5 | 2003.5 | 1956.6 | 1940.5 | 1924.8 |
| 2093.4 | 47.5° | 2106.6 | 2119.9 | 2093.6 | 2067.4 | 2006.6 | 1945.8 | 1899.9 | 1853.9 | 1839.1 | 1824.2 |
| 2040.9 | 50° | 2041.4 | 2042.2 | 2008.5 | 1974.8 | 1920.4 | 1865.9 | 1822.6 | 1779.3 | 1755.9 | 1732.7 |
| 2005.5 | 52.5° | 1998.3 | 1991.1 | 1951.2 | 1911.2 | 1860.4 | 1809.7 | 1770.0 | 1730.2 | 1695.4 | 1660.4 |
| 1972.3 | 55° | 1962.4 | 1952.4 | 1910.0 | 1867.7 | 1823.3 | 1778.8 | 1736.0 | 1693.2 | 1643.7 | 1594.1 |
| 1937.2 | 57.5° | 1927.1 | 1917.0 | 1874.5 | 1831.8 | 1787.7 | 1743.7 | 1693.4 | 1643.1 | 1589.8 | 1536.4 |
| 1888.4 | 60° | 1877.4 | 1866.3 | 1823.5 | 1780.6 | 1735.9 | 1691.2 | 1633.5 | 1575.7 | 1529.0 | 1482.1 |
| 1810.6 | 62.5° | 1800.0 | 1789.3 | 1750.1 | 1710.8 | 1663.2 | 1615.5 | 1548.1 | 1480.8 | 1451.0 | 1421.3 |
| 1705.6 | 65° | 1694.8 | 1683.9 | 1649.4 | 1614.8 | 1569.2 | 1523.6 | 1451.3 | 1379.2 | 1367.8 | 1356.4 |
| 1585.8 | 67.5° | 1575.3 | 1564.6 | 1534.8 | 1504.9 | 1461.8 | 1418.6 | 1351.8 | 1285.2 | 1288.8 | 1292.4 |
| 1457.7 | 70° | 1447.4 | 1437.2 | 1410.3 | 1383.3 | 1346.0 | 1308.7 | 1250.1 | 1191.5 | 1204.0 | 1216.4 |
| 1316.7 | 72.5° | 1304.6 | 1292.4 | 1266.0 | 1239.6 | 1205.9 | 1172.2 | 1126.1 | 1080.0 | 1098.1 | 1116.3 |
| 1148.7 | 75° | 1136.0 | 1123.2 | 1099.2 | 1075.2 | 1044.6 | 1014.1 | 979.8 | 945.5 | 963.1 | 980.5 |
| 985.6 | 77.5° | 973.7 | 961.8 | 936.7 | 911.4 | 885.1 | 858.9 | 831.1 | 803.2 | 820.9 | 838.6 |
| 801.5 | 80° | 785.8 | 770.0 | 750.9 | 731.7 | 709.6 | 687.5 | 664.4 | 641.2 | 656.1 | 670.9 |
| 598.4 | 82.5° | 571.6 | 544.8 | 503.9 | 463.0 | 470.7 | 478.4 | 480.4 | 482.3 | 492.8 | 503.3 |
| 380.0 | 85° | 346.9 | 313.7 | 275.3 | 237.0 | 258.4 | 279.8 | 289.9 | 299.9 | 311.6 | 323.4 |
| 164.7 | 87.5° | 151.3 | 137.9 | 121.7 | 105.7 | 122.2 | 138.5 | 138.9 | 139.3 | 141.5 | 143.7 |
| 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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 CATALOG NUMBER: GALN-SB8A-940-U-SLR

CANDELA DISTRIBUTION (continued):

| 215° | | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° |
|--------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---------|
| 3601.4 | 0° | 3601.4 | 3601.4 | 3601.4 | 3601.4 | 3601.4 | 3601.4 | 3601.4 | 3601.4 | 3601.4 | 3601.4 |
| 3537.2 | 2.5° | 3563.8 | 3596.5 | 3625.9 | 3656.4 | 3686.8 | 3718.5 | 3750.3 | 3781.8 | 3813.5 | 3843.2 |
| 3482.2 | 5° | 3532.3 | 3589.6 | 3647.6 | 3709.1 | 3770.6 | 3836.4 | 3902.3 | 3967.7 | 4033.2 | 4098.9 |
| 3454.3 | 7.5° | 3520.9 | 3595.1 | 3674.3 | 3760.1 | 3846.0 | 3943.4 | 4040.8 | 4140.9 | 4240.9 | 4349.1 |
| 3456.2 | 10° | 3526.4 | 3606.2 | 3703.9 | 3805.6 | 3907.0 | 4025.5 | 4143.8 | 4275.9 | 4408.1 | 4545.1 |
| 3475.9 | 12.5° | 3533.4 | 3607.6 | 3710.2 | 3825.1 | 3939.9 | 4079.5 | 4219.1 | 4368.9 | 4518.7 | 4669.0 |
| 3476.4 | 15° | 3503.9 | 3563.3 | 3677.1 | 3810.0 | 3943.0 | 4103.7 | 4264.4 | 4426.9 | 4589.4 | 4746.3 |
| 3424.2 | 17.5° | 3414.1 | 3450.7 | 3584.5 | 3744.4 | 3904.3 | 4090.8 | 4277.4 | 4454.7 | 4632.0 | 4791.1 |
| 3314.6 | 20° | 3267.6 | 3277.3 | 3433.0 | 3631.2 | 3829.4 | 4055.5 | 4281.5 | 4476.4 | 4671.3 | 4836.7 |
| 3170.9 | 22.5° | 3101.4 | 3082.4 | 3259.7 | 3498.4 | 3737.1 | 4012.1 | 4287.1 | 4505.7 | 4724.2 | 4893.2 |
| 3020.2 | 25° | 2940.1 | 2889.0 | 3070.7 | 3350.1 | 3629.7 | 3969.2 | 4308.9 | 4558.8 | 4808.5 | 4973.9 |
| 2876.5 | 27.5° | 2799.1 | 2736.9 | 2902.4 | 3214.5 | 3526.7 | 3940.6 | 4354.5 | 4641.7 | 4928.7 | 5086.7 |
| 2736.5 | 30° | 2675.2 | 2626.4 | 2765.3 | 3101.2 | 3437.2 | 3927.2 | 4417.0 | 4749.1 | 5081.1 | 5233.6 |
| 2602.9 | 32.5° | 2566.5 | 2544.9 | 2656.8 | 3003.5 | 3350.1 | 3910.6 | 4470.9 | 4861.1 | 5251.4 | 5402.3 |
| 2474.0 | 35° | 2464.0 | 2473.0 | 2566.3 | 2907.5 | 3248.7 | 3879.4 | 4510.4 | 4988.8 | 5467.3 | 5611.9 |
| 2345.4 | 37.5° | 2356.5 | 2389.4 | 2470.9 | 2794.4 | 3117.9 | 3825.9 | 4533.9 | 5131.9 | 5729.8 | 5914.2 |
| 2213.7 | 40° | 2238.8 | 2289.2 | 2363.1 | 2659.6 | 2956.0 | 3752.3 | 4548.7 | 5313.4 | 6078.1 | 6346.7 |
| 2080.5 | 42.5° | 2113.7 | 2177.3 | 2245.4 | 2510.7 | 2776.1 | 3676.3 | 4576.7 | 5551.0 | 6525.3 | 6913.0 |
| 1957.0 | 45° | 1989.3 | 2050.8 | 2119.9 | 2352.6 | 2585.3 | 3605.6 | 4626.1 | 5863.6 | 7101.1 | 7624.2 |
| 1851.3 | 47.5° | 1878.3 | 1931.3 | 2020.4 | 2227.6 | 2434.7 | 3547.3 | 4659.9 | 6196.6 | 7733.4 | 8469.7 |
| 1756.6 | 50° | 1780.6 | 1842.1 | 1959.3 | 2144.5 | 2329.7 | 3483.7 | 4637.8 | 6505.6 | 8373.5 | 9483.5 |
| 1684.0 | 52.5° | 1707.8 | 1793.8 | 1928.5 | 2089.8 | 2251.2 | 3376.4 | 4501.7 | 6706.3 | 8910.8 | 10548.4 |
| 1631.5 | 55° | 1669.1 | 1798.6 | 1923.9 | 2050.1 | 2176.3 | 3198.4 | 4220.5 | 6662.1 | 9103.6 | 11492.5 |
| 1591.2 | 57.5° | 1645.9 | 1803.4 | 1914.0 | 2003.1 | 2092.3 | 2947.4 | 3802.4 | 6350.9 | 8899.5 | 12161.7 |
| 1553.2 | 60° | 1624.1 | 1788.2 | 1861.2 | 1931.3 | 2001.3 | 2621.6 | 3241.8 | 5771.7 | 8301.6 | 12328.9 |
| 1509.9 | 62.5° | 1598.6 | 1750.9 | 1759.9 | 1806.3 | 1852.9 | 2231.6 | 2610.2 | 4988.5 | 7366.9 | 11624.8 |
| 1450.8 | 65° | 1545.0 | 1661.1 | 1660.0 | 1682.0 | 1703.9 | 1880.7 | 2057.4 | 4189.5 | 6321.7 | 10628.5 |
| 1370.9 | 67.5° | 1449.4 | 1514.6 | 1517.7 | 1505.5 | 1493.2 | 1543.5 | 1593.7 | 3406.8 | 5219.9 | 9443.0 |
| 1272.2 | 70° | 1328.0 | 1349.5 | 1349.5 | 1292.7 | 1235.7 | 1221.5 | 1207.1 | 2682.4 | 4157.6 | 8149.3 |
| 1154.6 | 72.5° | 1192.9 | 1192.6 | 1179.1 | 1098.5 | 1017.8 | 974.4 | 931.2 | 2050.7 | 3170.2 | 6746.9 |
| 1010.1 | 75° | 1039.5 | 1044.8 | 982.3 | 891.9 | 801.5 | 762.3 | 723.0 | 1488.4 | 2253.7 | 5139.3 |
| 862.2 | 77.5° | 885.8 | 888.6 | 785.6 | 697.9 | 610.1 | 583.3 | 556.6 | 1008.5 | 1460.4 | 3597.1 |
| 690.8 | 80° | 710.6 | 711.0 | 588.0 | 513.8 | 439.5 | 428.4 | 417.3 | 649.8 | 882.4 | 2317.5 |
| 513.0 | 82.5° | 522.7 | 516.8 | 411.8 | 357.1 | 302.4 | 300.2 | 298.2 | 399.7 | 501.4 | 1341.3 |
| 333.7 | 85° | 344.1 | 336.5 | 258.4 | 218.3 | 178.3 | 179.4 | 180.3 | 213.6 | 247.1 | 603.4 |
| 147.9 | 87.5° | 152.0 | 142.3 | 109.9 | 93.4 | 77.1 | 78.1 | 79.0 | 88.6 | 98.1 | 197.6 |
| 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° |
|---------|-------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 3601.4 | 0° | 3601.4 | 3601.4 | 3601.4 | 3601.4 | 3601.4 | 3601.4 | 3601.4 | 3601.4 | 3601.4 | 3601.4 |
| 3872.9 | 2.5° | 3887.6 | 3902.3 | 3923.2 | 3944.1 | 3956.5 | 3968.9 | 3975.2 | 3981.4 | 3978.6 | 3981.4 |
| 4164.5 | 5° | 4215.8 | 4267.2 | 4318.0 | 4369.0 | 4396.7 | 4424.3 | 4441.0 | 4457.9 | 4470.6 | 4457.9 |
| 4457.5 | 7.5° | 4540.9 | 4624.3 | 4699.3 | 4774.3 | 4819.5 | 4864.7 | 4889.2 | 4913.5 | 4925.3 | 4913.5 |
| 4682.0 | 10° | 4780.7 | 4879.4 | 4967.4 | 5055.4 | 5108.8 | 5161.8 | 5185.6 | 5209.2 | 5218.2 | 5209.2 |
| 4819.5 | 12.5° | 4926.5 | 5033.3 | 5112.9 | 5192.2 | 5230.9 | 5269.6 | 5282.6 | 5295.6 | 5297.0 | 5295.6 |
| 4903.1 | 15° | 4995.5 | 5087.6 | 5137.5 | 5187.5 | 5188.9 | 5190.3 | 5176.5 | 5162.7 | 5146.4 | 5162.7 |
| 4950.1 | 17.5° | 5012.5 | 5074.8 | 5075.7 | 5076.6 | 5020.6 | 4964.6 | 4913.4 | 4862.0 | 4825.8 | 4862.0 |
| 5002.0 | 20° | 5023.6 | 5045.5 | 4979.8 | 4914.2 | 4790.7 | 4667.1 | 4577.1 | 4487.2 | 4431.9 | 4487.2 |
| 5062.1 | 22.5° | 5033.6 | 5005.1 | 4869.1 | 4733.2 | 4551.4 | 4369.7 | 4257.2 | 4144.7 | 4083.6 | 4144.7 |
| 5139.5 | 25° | 5049.6 | 4959.8 | 4753.3 | 4546.9 | 4326.2 | 4105.5 | 3987.2 | 3869.2 | 3811.4 | 3869.2 |
| 5244.5 | 27.5° | 5083.9 | 4923.2 | 4649.7 | 4376.3 | 4131.7 | 3887.1 | 3770.8 | 3654.6 | 3600.0 | 3654.6 |
| 5386.1 | 30° | 5146.6 | 4907.3 | 4570.6 | 4234.0 | 3979.2 | 3724.3 | 3616.4 | 3508.5 | 3457.6 | 3508.5 |
| 5553.3 | 32.5° | 5225.4 | 4897.6 | 4516.8 | 4135.9 | 3896.4 | 3656.9 | 3572.2 | 3487.3 | 3450.7 | 3487.3 |
| 5756.5 | 35° | 5355.2 | 4954.0 | 4557.1 | 4160.3 | 3994.0 | 3827.7 | 3808.0 | 3788.2 | 3785.1 | 3788.2 |
| 6098.5 | 37.5° | 5626.5 | 5154.4 | 4793.7 | 4433.0 | 4422.2 | 4411.4 | 4501.8 | 4592.2 | 4639.2 | 4592.2 |
| 6615.4 | 40° | 6102.0 | 5588.6 | 5320.4 | 5052.1 | 5241.4 | 5430.8 | 5650.5 | 5870.2 | 5979.7 | 5870.2 |
| 7300.8 | 42.5° | 6791.4 | 6282.0 | 6127.5 | 5973.0 | 6386.0 | 6798.9 | 7198.6 | 7598.2 | 7832.9 | 7598.2 |
| 8147.3 | 45° | 7689.7 | 7232.0 | 7163.9 | 7095.6 | 7757.1 | 8418.8 | 9075.5 | 9732.4 | 10131.0 | 9732.4 |
| 9205.8 | 47.5° | 8760.7 | 8315.4 | 8301.6 | 8287.8 | 9242.2 | 10196.3 | 11157.7 | 12119.0 | 12683.5 | 12119.0 |
| 10593.3 | 50° | 10043.4 | 9493.7 | 9496.0 | 9498.4 | 10728.3 | 11958.3 | 13227.3 | 14496.3 | 15263.6 | 14496.3 |
| 12186.0 | 52.5° | 11520.2 | 10854.5 | 10787.2 | 10719.8 | 12188.9 | 13658.0 | 15228.2 | 16798.2 | 17717.9 | 16798.2 |
| 13881.6 | 55° | 13223.8 | 12566.0 | 12303.6 | 12041.2 | 13676.3 | 15311.3 | 17183.1 | 19055.0 | 20148.8 | 19055.0 |
| 15423.9 | 57.5° | 15065.7 | 14707.4 | 14181.0 | 13654.7 | 15305.7 | 16956.8 | 19076.9 | 21197.0 | 22553.4 | 21197.0 |
| 16356.0 | 60° | 16912.4 | 17468.9 | 16815.2 | 16161.6 | 17724.0 | 19286.4 | 21556.4 | 23826.4 | 25292.4 | 23826.4 |
| 15882.7 | 62.5° | 17403.0 | 18923.3 | 18849.6 | 18775.8 | 20207.1 | 21638.5 | 23798.2 | 25957.8 | 27312.8 | 25957.8 |
| 14935.4 | 65° | 16362.2 | 17789.1 | 18071.4 | 18353.6 | 20172.5 | 21991.6 | 24085.8 | 26179.9 | 27333.5 | 26179.9 |
| 13666.1 | 67.5° | 15023.1 | 16380.2 | 16512.6 | 16644.8 | 18540.0 | 20435.1 | 22538.3 | 24641.5 | 25545.3 | 24641.5 |
| 12141.1 | 70° | 13617.1 | 15093.3 | 15152.5 | 15211.8 | 16906.6 | 18601.3 | 20411.2 | 22221.0 | 22723.3 | 22221.0 |
| 10323.8 | 72.5° | 12017.7 | 13711.7 | 13754.2 | 13796.7 | 15122.6 | 16448.6 | 17804.2 | 19159.6 | 19210.4 | 19159.6 |
| 8025.0 | 75° | 9778.1 | 11531.2 | 11688.6 | 11846.0 | 12877.7 | 13909.3 | 14863.5 | 15817.8 | 15562.1 | 15817.8 |
| 5733.7 | 77.5° | 7370.2 | 9006.8 | 9232.1 | 9457.3 | 10241.6 | 11025.9 | 11702.6 | 12379.5 | 11940.0 | 12379.5 |
| 3752.7 | 80° | 5129.5 | 6506.2 | 6786.2 | 7066.2 | 7658.5 | 8250.5 | 8605.9 | 8961.2 | 8254.4 | 8961.2 |
| 2181.4 | 82.5° | 3122.6 | 4064.0 | 4376.8 | 4689.6 | 5097.3 | 5505.0 | 5653.3 | 5801.4 | 5245.9 | 5801.4 |
| 959.8 | 85° | 1459.3 | 1958.9 | 2224.9 | 2491.0 | 2825.9 | 3160.8 | 3244.9 | 3329.1 | 2884.1 | 3329.1 |
| 297.1 | 87.5° | 465.0 | 632.9 | 781.4 | 929.8 | 1097.3 | 1264.8 | 1271.9 | 1279.0 | 1073.8 | 1279.0 |
| 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):

| 325° | | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|---------|-------|---------|---------|---------|---------|---------|---------|---------|
| 3601.4 | 0° | 3601.4 | 3601.4 | 3601.4 | 3601.4 | 3601.4 | 3601.4 | 3601.4 |
| 3975.2 | 2.5° | 3968.9 | 3956.5 | 3944.1 | 3923.2 | 3902.3 | 3887.6 | 3872.9 |
| 4441.0 | 5° | 4424.3 | 4396.7 | 4369.0 | 4318.0 | 4267.2 | 4215.8 | 4164.5 |
| 4889.2 | 7.5° | 4864.7 | 4819.5 | 4774.3 | 4699.3 | 4624.3 | 4540.9 | 4457.5 |
| 5185.6 | 10° | 5161.8 | 5108.8 | 5055.4 | 4967.4 | 4879.4 | 4780.7 | 4682.0 |
| 5282.6 | 12.5° | 5269.6 | 5230.9 | 5192.2 | 5112.9 | 5033.3 | 4926.5 | 4819.5 |
| 5176.5 | 15° | 5190.3 | 5188.9 | 5187.5 | 5137.5 | 5087.6 | 4995.5 | 4903.1 |
| 4913.4 | 17.5° | 4964.6 | 5020.6 | 5076.6 | 5075.7 | 5074.8 | 5012.5 | 4950.1 |
| 4577.1 | 20° | 4667.1 | 4790.7 | 4914.2 | 4979.8 | 5045.5 | 5023.6 | 5002.0 |
| 4257.2 | 22.5° | 4369.7 | 4551.4 | 4733.2 | 4869.1 | 5005.1 | 5033.6 | 5062.1 |
| 3987.2 | 25° | 4105.5 | 4326.2 | 4546.9 | 4753.3 | 4959.8 | 5049.6 | 5139.5 |
| 3770.8 | 27.5° | 3887.1 | 4131.7 | 4376.3 | 4649.7 | 4923.2 | 5083.9 | 5244.5 |
| 3616.4 | 30° | 3724.3 | 3979.2 | 4234.0 | 4570.6 | 4907.3 | 5146.6 | 5386.1 |
| 3572.2 | 32.5° | 3656.9 | 3896.4 | 4135.9 | 4516.8 | 4897.6 | 5225.4 | 5553.3 |
| 3808.0 | 35° | 3827.7 | 3994.0 | 4160.3 | 4557.1 | 4954.0 | 5355.2 | 5756.5 |
| 4501.8 | 37.5° | 4411.4 | 4422.2 | 4433.0 | 4793.7 | 5154.4 | 5626.5 | 6098.5 |
| 5650.5 | 40° | 5430.8 | 5241.4 | 5052.1 | 5320.4 | 5588.6 | 6102.0 | 6615.4 |
| 7198.6 | 42.5° | 6798.9 | 6386.0 | 5973.0 | 6127.5 | 6282.0 | 6791.4 | 7300.8 |
| 9075.5 | 45° | 8418.8 | 7757.1 | 7095.6 | 7163.9 | 7232.0 | 7689.7 | 8147.3 |
| 11157.7 | 47.5° | 10196.3 | 9242.2 | 8287.8 | 8301.6 | 8315.4 | 8760.7 | 9205.8 |
| 13227.3 | 50° | 11958.3 | 10728.3 | 9498.4 | 9496.0 | 9493.7 | 10043.4 | 10593.3 |
| 15228.2 | 52.5° | 13658.0 | 12188.9 | 10719.8 | 10787.2 | 10854.5 | 11520.2 | 12186.0 |
| 17183.1 | 55° | 15311.3 | 13676.3 | 12041.2 | 12303.6 | 12566.0 | 13223.8 | 13881.6 |
| 19076.9 | 57.5° | 16956.8 | 15305.7 | 13654.7 | 14181.0 | 14707.4 | 15065.7 | 15423.9 |
| 21556.4 | 60° | 19286.4 | 17724.0 | 16161.6 | 16815.2 | 17468.9 | 16912.4 | 16356.0 |
| 23798.2 | 62.5° | 21638.5 | 20207.1 | 18775.8 | 18849.6 | 18923.3 | 17403.0 | 15882.7 |
| 24085.8 | 65° | 21991.6 | 20172.5 | 18353.6 | 18071.4 | 17789.1 | 16362.2 | 14935.4 |
| 22538.3 | 67.5° | 20435.1 | 18540.0 | 16644.8 | 16512.6 | 16380.2 | 15023.1 | 13666.1 |
| 20411.2 | 70° | 18601.3 | 16906.6 | 15211.8 | 15152.5 | 15093.3 | 13617.1 | 12141.1 |
| 17804.2 | 72.5° | 16448.6 | 15122.6 | 13796.7 | 13754.2 | 13711.7 | 12017.7 | 10323.8 |
| 14863.5 | 75° | 13909.3 | 12877.7 | 11846.0 | 11688.6 | 11531.2 | 9778.1 | 8025.0 |
| 11702.6 | 77.5° | 11025.9 | 10241.6 | 9457.3 | 9232.1 | 9006.8 | 7370.2 | 5733.7 |
| 8605.9 | 80° | 8250.5 | 7658.5 | 7066.2 | 6786.2 | 6506.2 | 5129.5 | 3752.7 |
| 5653.3 | 82.5° | 5505.0 | 5097.3 | 4689.6 | 4376.8 | 4064.0 | 3122.6 | 2181.4 |
| 3244.9 | 85° | 3160.8 | 2825.9 | 2491.0 | 2224.9 | 1958.9 | 1459.3 | 959.8 |
| 1271.9 | 87.5° | 1264.8 | 1097.3 | 929.8 | 781.4 | 632.9 | 465.0 | 297.1 |
| 0.0 | 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

(END OF REPORT)