

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: STREETWORKS

Report Number: P950887

Luminaire Tested: **GLAN-SB5A-950-U-SLL-HSS**

Issue Date: 1/21/2025

### Test Information

Test Method: LM-79-08  
Report Number: P950887  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2411-289-9)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/21/2025  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: GLAN-SB5A-950-U-SLL-HSS  
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE  
(5) 90 CRI, 5000K, 350mA LIGHTSQUARES WITH 26 LEDS EACH AND SPILL LIGHT  
ELIMINATOR LEFT OPTICS WITH HOUSE SIDE SHIELD  
Light Source: -  
Ballast/Driver: -

### Summary

Lumens per Lamp: N/A  
Luminaire Lumens: 12030 lumens  
Efficiency: N/A  
Efficacy: 84.9 lumens/watt  
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')  
IES Classification: Type IV - Short  
BUG Rating: B2 - U0 - G3

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

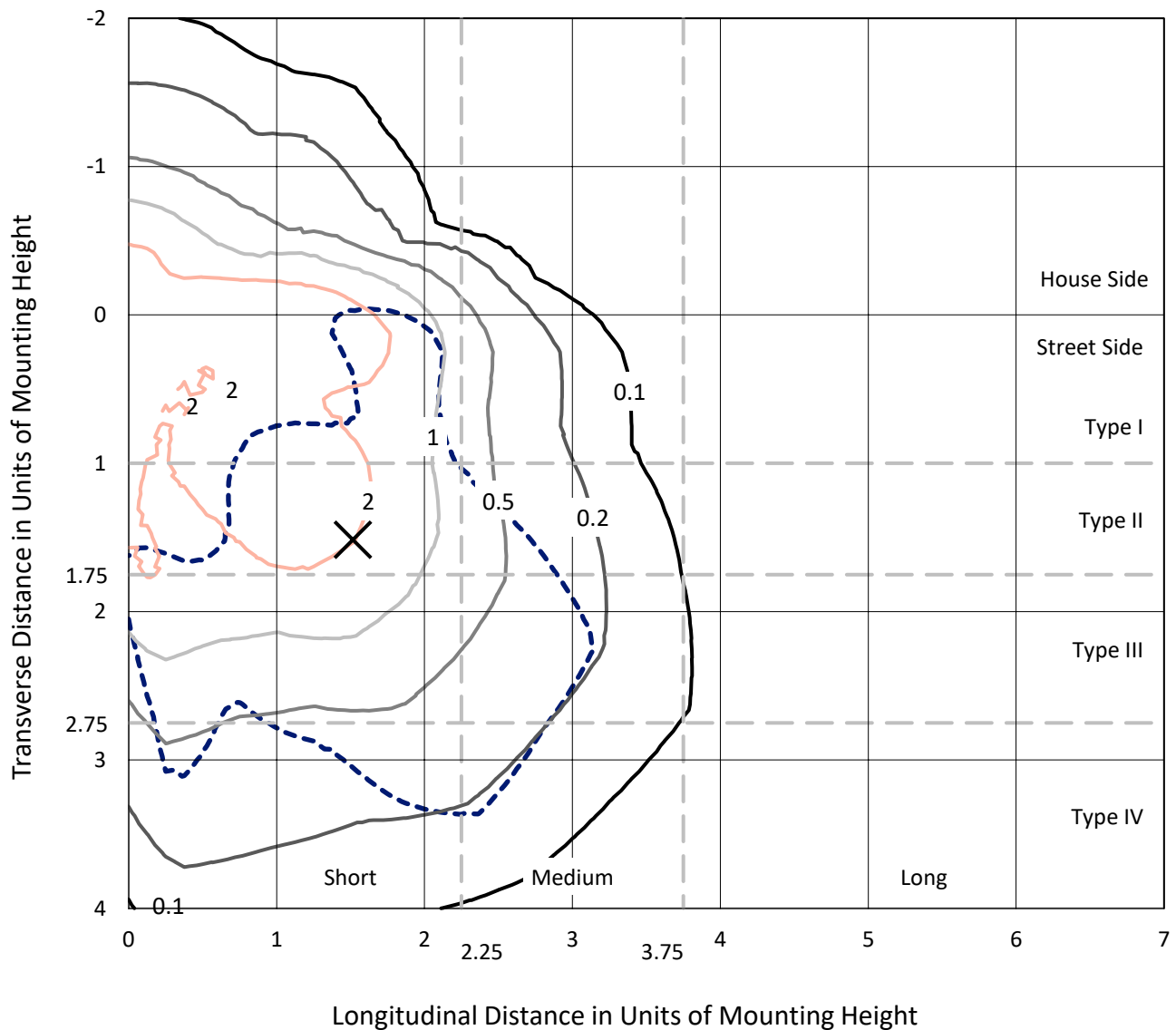


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## Iso-Footcandle Lines of Horizontal Illumination

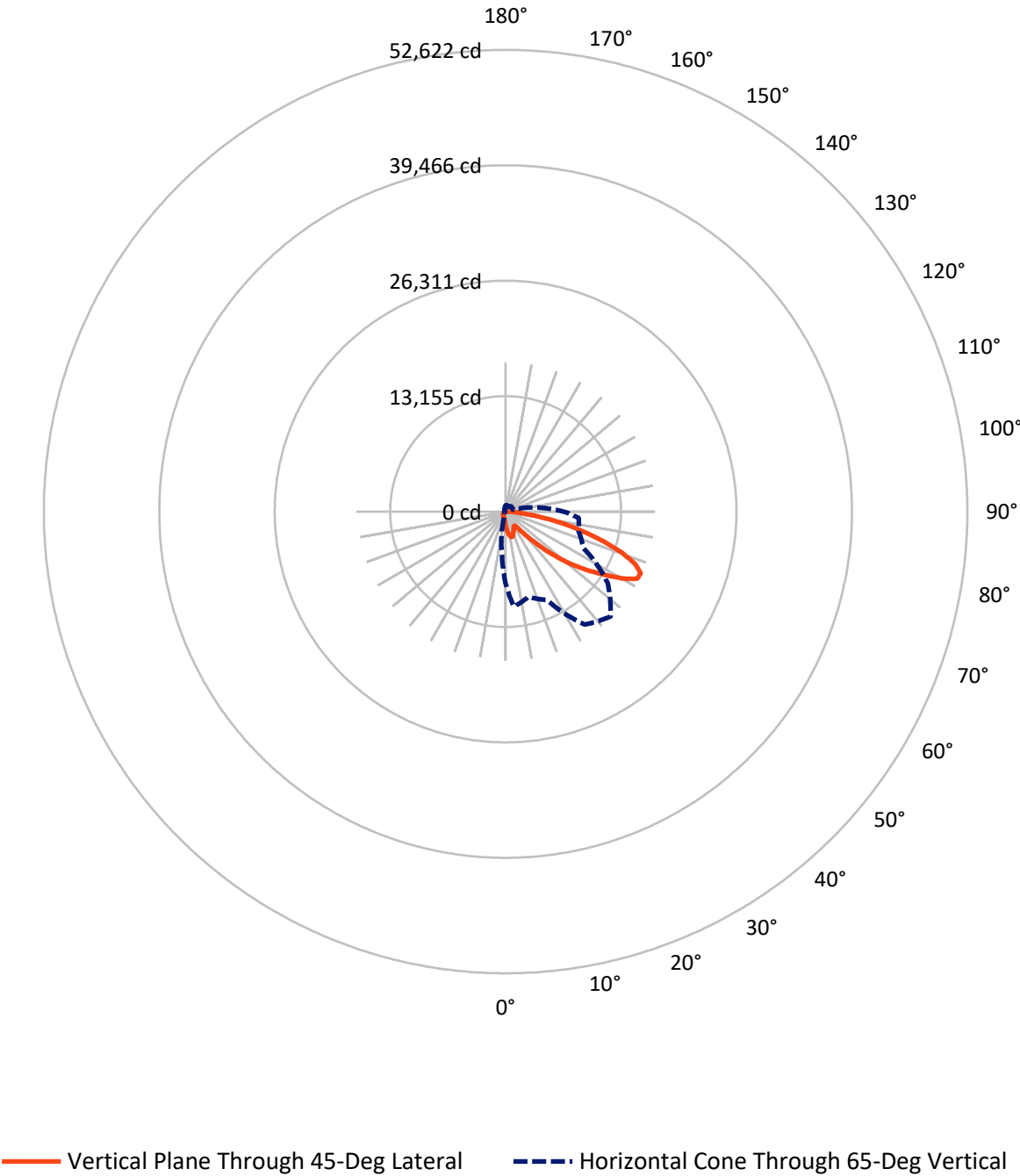
× Max cd  
- - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 4.4 fc  
Type IV - Short - N/A

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Luminous Intensity Polar Plot



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**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total   |
|--------------------|-----------|----------|--------|---------|
| <b>House Side</b>  | Lumens    | 2391.2   | 0.0    | 2391.2  |
|                    | % Fixture | 19.9     | 0.0    | 19.9    |
| <b>Street Side</b> | Lumens    | 9638.8   | 0.0    | 9638.8  |
|                    | % Fixture | 80.1     | 0.0    | 80.1    |
| <b>Total</b>       | Lumens    | 12030.0  | 0.0    | 12030.0 |
|                    | % Fixture | 100.0    | 0.0    | 100.0   |

**ZONAL LUMENS:**

| Zone      | Lumens  | % Fixture |
|-----------|---------|-----------|
| 0°-10°    | 164.0   | 1.4       |
| 10°-20°   | 491.6   | 4.1       |
| 20°-30°   | 724.3   | 6.0       |
| 30°-40°   | 930.5   | 7.7       |
| 40°-50°   | 1504.9  | 12.5      |
| 50°-60°   | 2638.9  | 21.9      |
| 60°-70°   | 3302.0  | 27.4      |
| 70°-80°   | 1929.5  | 16.0      |
| 80°-90°   | 344.3   | 2.9       |
| 90°-100°  | 0.0     | 0.0       |
| 100°-110° | 0.0     | 0.0       |
| 110°-120° | 0.0     | 0.0       |
| 120°-130° | 0.0     | 0.0       |
| 130°-140° | 0.0     | 0.0       |
| 140°-150° | 0.0     | 0.0       |
| 150°-160° | 0.0     | 0.0       |
| 160°-170° | 0.0     | 0.0       |
| 170°-180° | 0.0     | 0.0       |
| 0°-90°    | 12030.0 | 100.0     |
| 0°-180°   | 12030.0 | 100.0     |

**Coefficient of Utilization**



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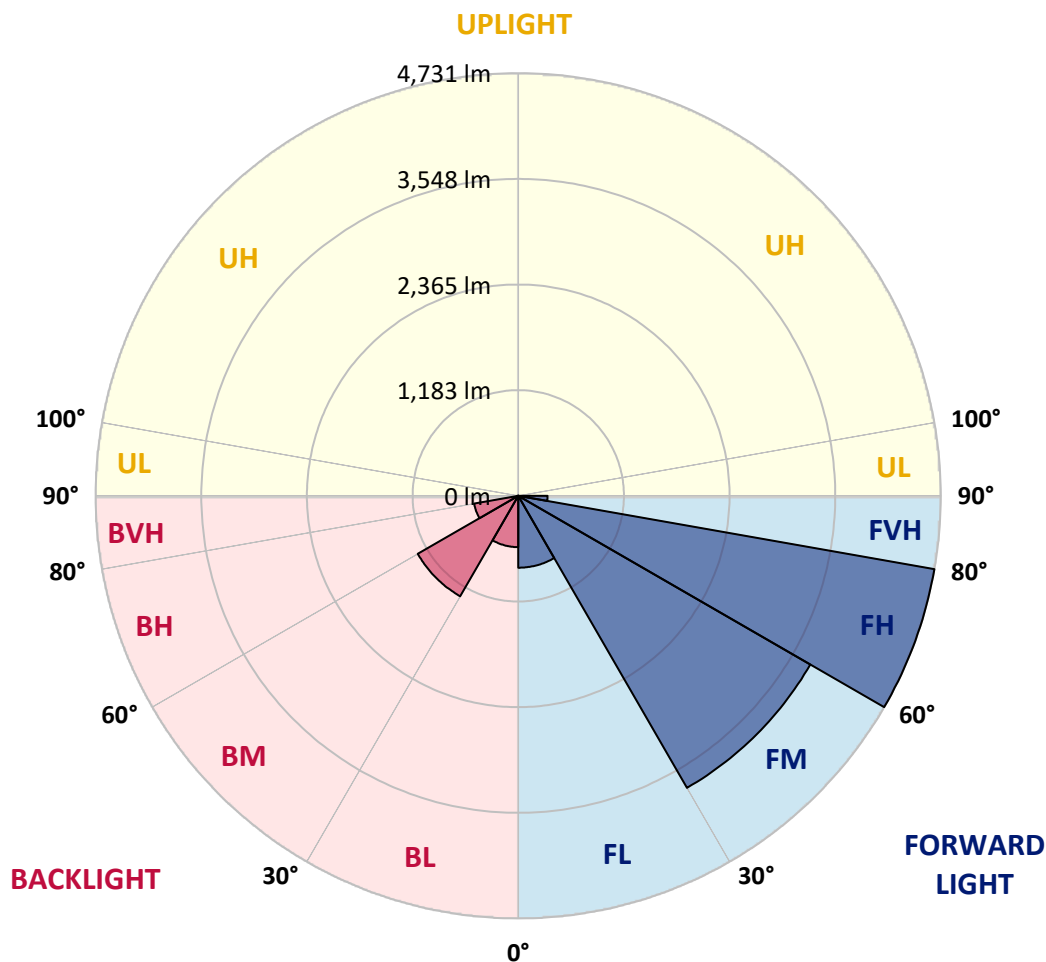
CATALOG NUMBER: GLAN-SB5A-950-U-SLL-HSS

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

| Zone |             | Lumens | % Fixture | Zone Rating/Lumen Limit |      |         |
|------|-------------|--------|-----------|-------------------------|------|---------|
|      |             |        |           | B                       | U    | G       |
| FL   | (0°-30°)    | 804.9  | 6.7       |                         |      |         |
| FM   | (30°-60°)   | 3775.2 | 31.4      |                         |      |         |
| FH   | (60°-80°)   | 4730.6 | 39.3      |                         |      | G2/5000 |
| FVH  | (80°-90°)   | 328.1  | 2.7       |                         |      | G3/500  |
| BL   | (0°-30°)    | 574.9  | 4.8       | B2/1000                 |      |         |
| BM   | (30°-60°)   | 1299.1 | 10.8      | B2/2500                 |      |         |
| BH   | (60°-80°)   | 501.0  | 4.2       | B2/1000                 |      | G2/1000 |
| BVH  | (80°-90°)   | 16.1   | 0.1       |                         |      | G1/100  |
| UL   | (90°-100°)  | 0.0    | 0.0       |                         | U0/0 |         |
| UH   | (100°-180°) | 0.0    | 0.0       |                         | U0/0 |         |

**BUG Rating: B2-U0-G3**

Type IV Short



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**CANDELA DISTRIBUTION (FULL):**

|       | 0°     | 5°      | 15°     | 25°     | 35°     | 45°     | 55°     | 65°    | 75°     | 85°     |
|-------|--------|---------|---------|---------|---------|---------|---------|--------|---------|---------|
| 0°    | 1665.8 | 1665.8  | 1665.8  | 1665.8  | 1665.8  | 1665.8  | 1665.8  | 1665.8 | 1665.8  | 1665.8  |
| 2.5°  | 1866.3 | 1880.4  | 1911.9  | 1928.5  | 1954.2  | 1955.8  | 1955.8  | 1933.5 | 1932.6  | 1887.0  |
| 5°    | 2085.9 | 2119.1  | 2193.7  | 2270.8  | 2287.3  | 2291.5  | 2283.2  | 2238.4 | 2205.3  | 2116.6  |
| 7.5°  | 2303.9 | 2367.7  | 2481.3  | 2584.0  | 2617.2  | 2617.2  | 2597.3  | 2524.3 | 2456.4  | 2327.9  |
| 10°   | 2484.6 | 2565.0  | 2719.1  | 2834.3  | 2872.4  | 2864.1  | 2823.5  | 2731.5 | 2637.9  | 2482.1  |
| 12.5° | 2603.9 | 2694.2  | 2863.3  | 2956.1  | 2995.1  | 2973.5  | 2927.1  | 2837.6 | 2739.0  | 2574.9  |
| 15°   | 2663.6 | 2758.1  | 2904.7  | 2953.6  | 2942.9  | 2920.5  | 2914.7  | 2871.6 | 2797.0  | 2643.7  |
| 17.5° | 2689.3 | 2777.1  | 2879.0  | 2848.4  | 2757.2  | 2739.8  | 2797.8  | 2852.5 | 2834.3  | 2703.4  |
| 20°   | 2713.3 | 2787.1  | 2817.7  | 2681.8  | 2522.7  | 2506.9  | 2618.0  | 2773.8 | 2853.4  | 2758.9  |
| 22.5° | 2746.4 | 2792.0  | 2729.0  | 2506.1  | 2334.6  | 2298.1  | 2420.8  | 2655.3 | 2859.2  | 2829.3  |
| 25°   | 2792.0 | 2804.5  | 2631.3  | 2339.5  | 2167.2  | 2130.7  | 2245.1  | 2523.5 | 2849.2  | 2905.6  |
| 27.5° | 2846.7 | 2821.0  | 2537.6  | 2200.3  | 2033.7  | 1999.8  | 2114.1  | 2396.7 | 2821.0  | 2981.8  |
| 30°   | 2918.0 | 2842.6  | 2444.8  | 2092.6  | 1938.4  | 1913.6  | 2023.8  | 2287.3 | 2786.2  | 3078.8  |
| 32.5° | 2990.1 | 2851.7  | 2358.6  | 2029.6  | 1916.9  | 1926.0  | 2016.3  | 2228.5 | 2748.1  | 3171.6  |
| 35°   | 3068.0 | 2880.7  | 2316.3  | 2091.7  | 2096.7  | 2176.3  | 2213.6  | 2283.2 | 2742.3  | 3297.6  |
| 37.5° | 3174.1 | 2945.3  | 2366.9  | 2400.9  | 2573.2  | 2738.2  | 2707.5  | 2550.9 | 2809.4  | 3485.7  |
| 40°   | 3326.6 | 3058.9  | 2587.3  | 2927.1  | 3281.0  | 3548.7  | 3431.8  | 3037.3 | 3015.0  | 3756.7  |
| 42.5° | 3548.7 | 3239.5  | 2978.5  | 3570.2  | 4170.2  | 4611.1  | 4297.9  | 3664.7 | 3374.6  | 4143.7  |
| 45°   | 3876.9 | 3532.1  | 3451.7  | 4249.0  | 5266.7  | 5961.1  | 5309.7  | 4333.5 | 3878.5  | 4729.6  |
| 47.5° | 4331.8 | 3962.2  | 3895.1  | 4964.2  | 6599.3  | 7497.6  | 6431.9  | 4953.4 | 4452.0  | 5528.5  |
| 50°   | 4936.0 | 4541.5  | 4315.3  | 5746.5  | 8060.3  | 9063.9  | 7553.1  | 5551.7 | 5109.2  | 6504.8  |
| 52.5° | 5733.2 | 5349.5  | 4805.0  | 6491.5  | 9562.8  | 10597.1 | 8679.4  | 6077.2 | 5924.7  | 7637.7  |
| 55°   | 6820.5 | 6565.3  | 5474.7  | 7202.6  | 11064.5 | 12139.4 | 9761.7  | 6572.7 | 7002.0  | 8983.6  |
| 57.5° | 8169.7 | 8352.1  | 6440.1  | 8027.2  | 12414.5 | 13728.9 | 10849.1 | 7265.6 | 8401.0  | 10488.6 |
| 60°   | 9039.9 | 10728.1 | 8289.1  | 9246.3  | 13948.5 | 15526.5 | 12339.1 | 8583.3 | 9871.1  | 11028.1 |
| 62.5° | 8829.4 | 11483.9 | 10503.5 | 10802.6 | 15359.1 | 16833.4 | 13799.4 | 9906.8 | 10147.9 | 10233.3 |
| 65°   | 8183.8 | 10873.9 | 10051.8 | 11105.1 | 15716.3 | 16907.2 | 14189.7 | 9736.1 | 8608.1  | 8354.5  |
| 67.5° | 7295.4 | 10150.4 | 8978.6  | 10302.9 | 15070.7 | 15876.2 | 13462.9 | 8612.3 | 6652.3  | 6269.4  |
| 70°   | 6336.6 | 9349.9  | 8274.2  | 9402.9  | 13840.0 | 14079.5 | 12227.2 | 7574.7 | 4892.9  | 4234.0  |
| 72.5° | 5426.6 | 8516.1  | 7791.8  | 8480.5  | 12198.2 | 11702.7 | 10618.7 | 6657.3 | 3562.8  | 3053.9  |
| 75°   | 4495.9 | 7286.3  | 7104.8  | 7384.9  | 10039.4 | 9218.1  | 8822.8  | 5512.0 | 2796.2  | 2209.4  |
| 77.5° | 3469.1 | 5693.5  | 6111.1  | 5913.9  | 7066.7  | 6847.1  | 6838.8  | 4142.0 | 2042.8  | 1474.3  |
| 80°   | 2374.3 | 3968.0  | 4774.4  | 4171.9  | 4586.3  | 4474.4  | 5150.6  | 2778.8 | 1481.8  | 887.6   |
| 82.5° | 1395.6 | 2415.8  | 3323.3  | 2019.6  | 2535.9  | 2603.1  | 3067.2  | 1351.7 | 871.8   | 204.7   |
| 85°   | 566.0  | 953.9   | 1299.5  | 790.6   | 1223.2  | 1031.8  | 1164.4  | 379.6  | 242.8   | 5.0     |
| 87.5° | 142.5  | 305.0   | 213.8   | 88.7    | 141.7   | 130.1   | 102.8   | 46.4   | 9.9     | 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):**

| 90°    |       | 95°    | 105°   | 115°   | 125°   | 135°   | 145°   | 155°   | 165°   | 175°   | 180°   |
|--------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 1665.8 | 0°    | 1665.8 | 1665.8 | 1665.8 | 1665.8 | 1665.8 | 1665.8 | 1665.8 | 1665.8 | 1665.8 | 1665.8 |
| 1882.1 | 2.5°  | 1849.8 | 1830.7 | 1783.5 | 1736.2 | 1698.1 | 1646.7 | 1612.7 | 1572.1 | 1533.2 | 1498.4 |
| 2097.5 | 5°    | 2045.3 | 1982.3 | 1896.2 | 1817.4 | 1737.0 | 1659.1 | 1582.1 | 1500.9 | 1426.3 | 1380.7 |
| 2279.9 | 7.5°  | 2204.5 | 2093.4 | 1979.0 | 1878.8 | 1781.8 | 1690.6 | 1588.7 | 1490.1 | 1373.2 | 1311.1 |
| 2419.1 | 10°   | 2323.0 | 2177.1 | 2027.1 | 1911.9 | 1814.1 | 1725.4 | 1639.3 | 1539.8 | 1398.9 | 1321.0 |
| 2503.6 | 12.5° | 2400.9 | 2227.7 | 2052.0 | 1920.2 | 1810.8 | 1742.0 | 1703.9 | 1664.9 | 1524.9 | 1433.7 |
| 2565.8 | 15°   | 2454.7 | 2263.3 | 2069.4 | 1901.1 | 1766.9 | 1716.3 | 1754.4 | 1799.2 | 1709.7 | 1604.4 |
| 2630.4 | 17.5° | 2513.6 | 2309.7 | 2076.8 | 1849.8 | 1681.5 | 1660.0 | 1758.6 | 1862.2 | 1858.0 | 1753.6 |
| 2691.8 | 20°   | 2575.7 | 2350.3 | 2071.9 | 1766.9 | 1577.9 | 1597.0 | 1723.0 | 1843.1 | 1893.7 | 1837.3 |
| 2762.2 | 22.5° | 2639.5 | 2389.3 | 2052.8 | 1659.1 | 1481.0 | 1540.6 | 1666.6 | 1771.8 | 1831.5 | 1814.1 |
| 2848.4 | 25°   | 2719.9 | 2444.0 | 2024.6 | 1543.1 | 1400.6 | 1483.4 | 1601.1 | 1686.5 | 1727.9 | 1727.1 |
| 2941.2 | 27.5° | 2816.1 | 2516.9 | 2009.7 | 1449.5 | 1343.4 | 1418.8 | 1523.2 | 1599.5 | 1628.5 | 1628.5 |
| 3056.4 | 30°   | 2927.9 | 2603.1 | 1993.1 | 1388.1 | 1310.2 | 1351.7 | 1432.9 | 1507.5 | 1536.5 | 1536.5 |
| 3182.4 | 32.5° | 3052.3 | 2686.0 | 1953.3 | 1350.8 | 1285.4 | 1286.2 | 1337.6 | 1405.5 | 1440.4 | 1445.3 |
| 3339.8 | 35°   | 3201.4 | 2774.6 | 1866.3 | 1321.0 | 1256.4 | 1222.4 | 1247.3 | 1303.6 | 1345.0 | 1355.8 |
| 3564.4 | 37.5° | 3397.0 | 2883.2 | 1742.0 | 1277.1 | 1211.6 | 1155.3 | 1161.1 | 1204.2 | 1249.7 | 1266.3 |
| 3874.4 | 40°   | 3659.7 | 3010.8 | 1612.7 | 1214.1 | 1148.6 | 1081.5 | 1079.0 | 1110.5 | 1155.3 | 1173.5 |
| 4293.7 | 42.5° | 4007.0 | 3164.1 | 1489.2 | 1153.6 | 1072.4 | 1003.6 | 999.5  | 1024.3 | 1063.3 | 1082.3 |
| 4847.3 | 45°   | 4451.2 | 3352.3 | 1383.2 | 1106.4 | 997.8  | 929.8  | 928.2  | 948.9  | 982.9  | 1002.8 |
| 5555.9 | 47.5° | 5068.6 | 3540.4 | 1311.1 | 1081.5 | 939.0  | 869.3  | 872.7  | 890.9  | 921.6  | 935.6  |
| 6473.3 | 50°   | 5873.3 | 3597.6 | 1274.6 | 1081.5 | 907.5  | 815.5  | 832.1  | 847.0  | 870.2  | 878.5  |
| 7573.0 | 52.5° | 6645.7 | 3408.6 | 1241.5 | 1088.1 | 911.6  | 769.9  | 805.5  | 816.3  | 836.2  | 839.5  |
| 8592.4 | 55°   | 7024.4 | 2930.4 | 1195.9 | 1089.8 | 937.3  | 730.9  | 784.0  | 803.9  | 811.3  | 810.5  |
| 9184.1 | 57.5° | 6894.3 | 2369.4 | 1118.8 | 1083.2 | 954.7  | 706.1  | 757.5  | 795.6  | 800.6  | 793.1  |
| 9071.4 | 60°   | 6437.7 | 1744.5 | 1060.0 | 1034.3 | 948.1  | 698.6  | 716.9  | 777.4  | 784.8  | 774.9  |
| 8202.9 | 62.5° | 5671.9 | 1210.8 | 1014.4 | 926.5  | 919.1  | 696.1  | 653.0  | 737.6  | 755.8  | 741.7  |
| 6593.5 | 65°   | 4465.3 | 855.3  | 873.5  | 812.2  | 856.1  | 682.9  | 586.7  | 689.5  | 714.4  | 692.8  |
| 4783.5 | 67.5° | 3021.6 | 617.4  | 707.7  | 735.9  | 754.2  | 653.0  | 538.7  | 634.8  | 668.0  | 639.8  |
| 3069.7 | 70°   | 1631.8 | 433.4  | 467.4  | 619.9  | 640.6  | 601.7  | 495.6  | 579.3  | 617.4  | 586.7  |
| 2182.1 | 72.5° | 963.8  | 311.6  | 327.4  | 498.1  | 533.7  | 529.6  | 447.5  | 514.6  | 561.1  | 524.6  |
| 1505.8 | 75°   | 531.2  | 210.5  | 233.7  | 361.3  | 433.4  | 408.6  | 384.5  | 435.9  | 483.2  | 447.5  |
| 943.9  | 77.5° | 237.8  | 126.0  | 162.4  | 237.0  | 340.6  | 280.1  | 297.5  | 339.8  | 383.7  | 346.4  |
| 525.4  | 80°   | 92.0   | 70.4   | 107.7  | 129.3  | 247.8  | 155.0  | 191.4  | 250.3  | 281.8  | 251.9  |
| 114.4  | 82.5° | 11.6   | 31.5   | 46.4   | 50.6   | 144.2  | 82.0   | 111.1  | 157.5  | 155.0  | 134.3  |
| 0.0    | 85°   | 0.0    | 5.8    | 6.6    | 3.3    | 62.2   | 29.8   | 36.5   | 51.4   | 48.1   | 36.5   |
| 0.0    | 87.5° | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 1.7    | 0.0    |
| 0.0    | 90°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |

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**CANDELA DISTRIBUTION (continued):**

| 185°   |       | 195°   | 205°   | 215°   | 225°   | 235°   | 245°   | 255°   | 265°   | 270°   | 275°   |
|--------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 1665.8 | 0°    | 1665.8 | 1665.8 | 1665.8 | 1665.8 | 1665.8 | 1665.8 | 1665.8 | 1665.8 | 1665.8 | 1665.8 |
| 1491.7 | 2.5°  | 1451.1 | 1421.3 | 1406.4 | 1393.9 | 1405.5 | 1412.2 | 1412.2 | 1440.4 | 1456.9 | 1463.6 |
| 1351.7 | 5°    | 1278.7 | 1223.2 | 1185.9 | 1163.6 | 1171.0 | 1179.3 | 1188.4 | 1224.1 | 1248.1 | 1263.8 |
| 1254.7 | 7.5°  | 1142.8 | 1058.3 | 1006.1 | 978.7  | 982.9  | 988.7  | 996.1  | 1031.0 | 1055.0 | 1075.7 |
| 1236.5 | 10°   | 1075.7 | 956.4  | 887.6  | 854.4  | 848.6  | 845.3  | 842.8  | 863.5  | 881.8  | 898.4  |
| 1311.1 | 12.5° | 1079.0 | 912.4  | 828.7  | 788.1  | 770.7  | 750.8  | 735.1  | 738.4  | 750.0  | 770.7  |
| 1444.5 | 15°   | 1121.3 | 898.4  | 798.1  | 747.5  | 718.5  | 695.3  | 676.3  | 672.1  | 676.3  | 679.6  |
| 1597.0 | 17.5° | 1178.5 | 896.7  | 771.6  | 708.6  | 678.7  | 659.7  | 642.3  | 636.5  | 637.3  | 641.4  |
| 1698.1 | 20°   | 1224.1 | 891.7  | 741.7  | 671.3  | 644.8  | 628.2  | 610.8  | 605.0  | 606.6  | 607.5  |
| 1708.0 | 22.5° | 1248.1 | 884.3  | 708.6  | 634.0  | 611.6  | 595.0  | 579.3  | 578.5  | 578.5  | 583.4  |
| 1654.2 | 25°   | 1248.1 | 868.5  | 678.7  | 598.4  | 578.5  | 563.5  | 544.5  | 547.8  | 549.5  | 556.1  |
| 1570.5 | 27.5° | 1218.2 | 838.7  | 654.7  | 567.7  | 547.0  | 532.1  | 514.6  | 518.8  | 521.3  | 528.7  |
| 1487.6 | 30°   | 1180.1 | 803.1  | 627.4  | 538.7  | 514.6  | 503.9  | 489.0  | 490.6  | 493.9  | 502.2  |
| 1410.5 | 32.5° | 1139.5 | 760.8  | 605.0  | 509.7  | 485.6  | 477.4  | 460.8  | 463.3  | 466.6  | 475.7  |
| 1334.3 | 35°   | 1094.8 | 711.1  | 578.5  | 483.2  | 459.1  | 452.5  | 433.4  | 435.1  | 440.1  | 450.0  |
| 1252.2 | 37.5° | 1047.5 | 670.5  | 551.9  | 457.5  | 432.6  | 426.0  | 406.1  | 407.7  | 413.5  | 425.1  |
| 1166.0 | 40°   | 1001.1 | 630.7  | 523.8  | 430.1  | 405.3  | 399.5  | 377.9  | 379.6  | 386.2  | 398.6  |
| 1079.0 | 42.5° | 950.6  | 600.0  | 487.3  | 401.9  | 375.4  | 369.6  | 349.7  | 352.2  | 359.7  | 372.1  |
| 998.6  | 45°   | 890.1  | 580.1  | 446.7  | 375.4  | 345.6  | 339.8  | 321.6  | 326.5  | 334.8  | 347.2  |
| 929.8  | 47.5° | 827.9  | 571.8  | 412.7  | 347.2  | 314.9  | 309.9  | 295.0  | 303.3  | 312.4  | 322.4  |
| 871.0  | 50°   | 768.2  | 561.1  | 377.9  | 320.7  | 288.4  | 283.4  | 273.5  | 284.3  | 293.4  | 302.5  |
| 828.7  | 52.5° | 700.3  | 537.9  | 346.4  | 297.5  | 266.0  | 264.4  | 259.4  | 269.3  | 277.6  | 285.9  |
| 792.3  | 55°   | 629.8  | 500.6  | 319.1  | 276.8  | 247.0  | 248.6  | 246.1  | 254.4  | 261.1  | 268.5  |
| 759.1  | 57.5° | 568.5  | 453.3  | 297.5  | 254.4  | 230.4  | 235.4  | 232.0  | 236.2  | 240.3  | 249.5  |
| 719.3  | 60°   | 506.4  | 397.0  | 273.5  | 227.9  | 213.8  | 219.6  | 210.5  | 209.7  | 211.3  | 213.8  |
| 660.5  | 62.5° | 422.7  | 338.1  | 243.6  | 204.7  | 195.6  | 198.1  | 180.7  | 167.4  | 167.4  | 169.9  |
| 578.5  | 65°   | 339.8  | 283.4  | 210.5  | 178.2  | 170.7  | 169.1  | 144.2  | 126.0  | 124.3  | 131.8  |
| 483.2  | 67.5° | 279.3  | 235.4  | 177.4  | 148.3  | 143.4  | 145.0  | 126.8  | 108.6  | 106.9  | 115.2  |
| 393.7  | 70°   | 231.2  | 189.8  | 141.7  | 114.4  | 119.3  | 126.8  | 108.6  | 91.2   | 88.7   | 96.1   |
| 319.9  | 72.5° | 184.0  | 148.3  | 108.6  | 84.5   | 98.6   | 107.7  | 88.7   | 72.1   | 70.4   | 77.1   |
| 247.0  | 75°   | 135.1  | 106.1  | 73.8   | 61.3   | 76.2   | 84.5   | 64.6   | 51.4   | 48.9   | 54.7   |
| 164.9  | 77.5° | 83.7   | 59.7   | 46.4   | 36.5   | 52.2   | 56.4   | 34.0   | 29.8   | 29.0   | 33.1   |
| 100.3  | 80°   | 39.0   | 25.7   | 22.4   | 12.4   | 19.1   | 22.4   | 14.1   | 15.7   | 16.6   | 19.9   |
| 50.6   | 82.5° | 10.8   | 4.1    | 0.8    | 0.0    | 0.0    | 6.6    | 3.3    | 6.6    | 8.3    | 12.4   |
| 4.1    | 85°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 1.7    | 4.1    | 7.5    |
| 0.0    | 87.5° | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 3.3    |
| 0.0    | 90°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |

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**CANDELA DISTRIBUTION (continued):**

| 285°   |       | 295°   | 305°   | 315°   | 325°   | 335°   | 345°   | 355°   | 360°   |
|--------|-------|--------|--------|--------|--------|--------|--------|--------|--------|
| 1665.8 | 0°    | 1665.8 | 1665.8 | 1665.8 | 1665.8 | 1665.8 | 1665.8 | 1665.8 | 1665.8 |
| 1510.0 | 2.5°  | 1544.8 | 1577.9 | 1631.0 | 1685.7 | 1739.5 | 1794.2 | 1847.3 | 1866.3 |
| 1335.9 | 5°    | 1401.4 | 1477.6 | 1582.9 | 1695.6 | 1811.6 | 1929.3 | 2037.0 | 2085.9 |
| 1156.1 | 7.5°  | 1241.5 | 1350.8 | 1509.1 | 1685.7 | 1870.5 | 2055.3 | 2225.2 | 2303.9 |
| 977.9  | 10°   | 1070.7 | 1209.1 | 1389.8 | 1628.5 | 1893.7 | 2148.9 | 2382.6 | 2484.6 |
| 821.3  | 12.5° | 908.3  | 1053.3 | 1253.1 | 1539.0 | 1875.4 | 2202.8 | 2483.7 | 2603.9 |
| 711.1  | 15°   | 772.4  | 900.8  | 1116.3 | 1432.9 | 1816.6 | 2206.1 | 2531.8 | 2663.6 |
| 649.7  | 17.5° | 670.5  | 754.2  | 977.1  | 1315.2 | 1739.5 | 2175.4 | 2548.4 | 2689.3 |
| 616.6  | 20°   | 619.9  | 643.1  | 796.4  | 1164.4 | 1667.4 | 2146.4 | 2565.0 | 2713.3 |
| 590.1  | 22.5° | 590.1  | 595.9  | 651.4  | 969.6  | 1581.2 | 2137.3 | 2594.0 | 2746.4 |
| 566.0  | 25°   | 566.0  | 567.7  | 582.6  | 768.2  | 1449.5 | 2131.5 | 2638.7 | 2792.0 |
| 541.2  | 27.5° | 542.0  | 542.0  | 550.3  | 619.1  | 1270.5 | 2106.7 | 2696.7 | 2846.7 |
| 516.3  | 30°   | 518.0  | 518.0  | 523.8  | 547.8  | 1060.8 | 2057.8 | 2766.3 | 2918.0 |
| 491.4  | 32.5° | 493.1  | 493.1  | 498.1  | 515.5  | 847.0  | 1996.4 | 2830.2 | 2990.1 |
| 465.8  | 35°   | 468.2  | 466.6  | 473.2  | 491.4  | 673.8  | 1918.5 | 2894.0 | 3068.0 |
| 440.1  | 37.5° | 441.7  | 440.9  | 447.5  | 468.2  | 581.8  | 1828.2 | 2942.0 | 3174.1 |
| 414.4  | 40°   | 413.5  | 413.5  | 421.0  | 443.4  | 555.3  | 1714.7 | 3018.3 | 3326.6 |
| 387.9  | 42.5° | 387.9  | 386.2  | 394.5  | 421.8  | 535.4  | 1606.1 | 3155.0 | 3548.7 |
| 363.8  | 45°   | 363.0  | 359.7  | 367.1  | 401.1  | 500.6  | 1568.0 | 3410.3 | 3876.9 |
| 340.6  | 47.5° | 339.8  | 331.5  | 338.1  | 376.2  | 469.1  | 1710.5 | 3828.0 | 4331.8 |
| 319.9  | 50°   | 320.7  | 305.0  | 310.8  | 351.4  | 445.0  | 2019.6 | 4370.0 | 4936.0 |
| 300.8  | 52.5° | 300.8  | 280.1  | 283.4  | 320.7  | 423.5  | 2313.8 | 4957.5 | 5733.2 |
| 281.8  | 55°   | 280.1  | 256.9  | 258.6  | 290.1  | 392.8  | 2357.8 | 5531.0 | 6820.5 |
| 260.2  | 57.5° | 256.9  | 235.4  | 235.4  | 261.9  | 370.4  | 2043.7 | 5971.9 | 8169.7 |
| 233.7  | 60°   | 231.2  | 217.1  | 213.0  | 239.5  | 390.3  | 1442.0 | 6023.3 | 9039.9 |
| 199.7  | 62.5° | 203.0  | 195.6  | 189.8  | 218.0  | 405.3  | 854.4  | 5609.8 | 8829.4 |
| 157.5  | 65°   | 170.7  | 169.1  | 164.9  | 239.5  | 341.4  | 504.7  | 4815.8 | 8183.8 |
| 134.3  | 67.5° | 143.4  | 140.9  | 140.9  | 251.1  | 259.4  | 317.4  | 3762.5 | 7295.4 |
| 114.4  | 70°   | 123.5  | 114.4  | 114.4  | 189.8  | 157.5  | 219.6  | 2627.1 | 6336.6 |
| 94.5   | 72.5° | 103.6  | 93.6   | 87.0   | 151.7  | 117.7  | 160.8  | 1641.7 | 5426.6 |
| 72.1   | 75°   | 82.9   | 75.4   | 67.1   | 100.3  | 87.8   | 121.8  | 953.9  | 4495.9 |
| 45.6   | 77.5° | 59.7   | 56.4   | 47.2   | 73.8   | 63.8   | 87.8   | 567.7  | 3469.1 |
| 28.2   | 80°   | 30.7   | 31.5   | 29.8   | 42.3   | 43.1   | 59.7   | 323.2  | 2374.3 |
| 18.2   | 82.5° | 18.2   | 14.1   | 15.7   | 20.7   | 24.9   | 34.0   | 121.8  | 1395.6 |
| 13.3   | 85°   | 11.6   | 7.5    | 7.5    | 9.9    | 12.4   | 13.3   | 37.3   | 566.0  |
| 6.6    | 87.5° | 5.8    | 2.5    | 3.3    | 5.0    | 4.1    | 3.3    | 1.7    | 142.5  |
| 0.0    | 90°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |

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