

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: P951561

Luminaire Tested: **GLAN-SB5C-935-U-SLR-HSS**

Issue Date: 1/21/2025

### Test Information

Test Method: LM-79-08  
Report Number: P951561  
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-SB5C-935-U-SLR-HSS  
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE  
(5) 90 CRI, 3500K, 615mA LIGHTSQUARES WITH 26 LEDS EACH AND SPILL LIGHT  
ELIMINATOR RIGHT OPTICS WITH HOUSE SIDE SHIELD  
Light Source: -  
Ballast/Driver: -

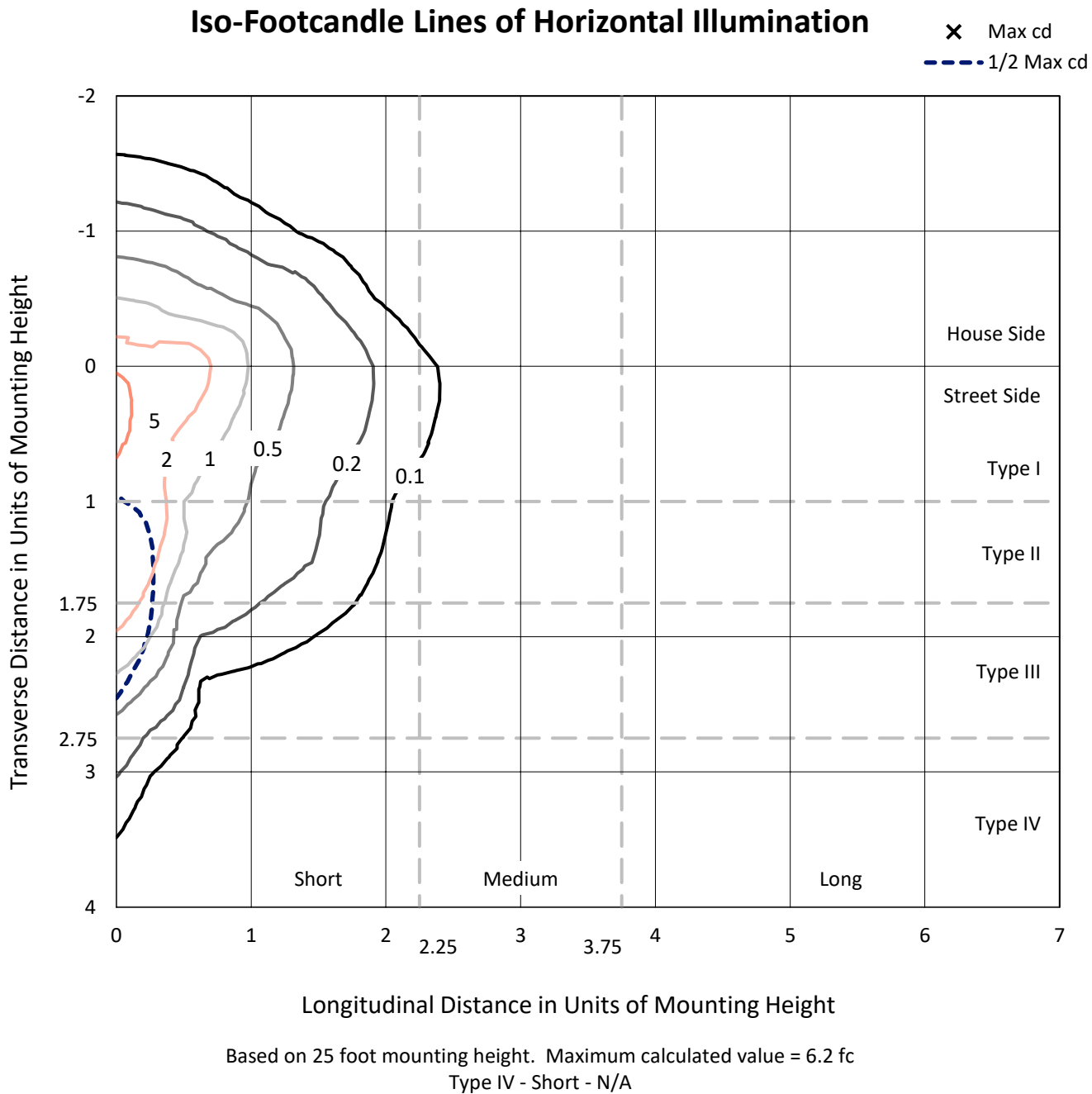
### Summary

Lumens per Lamp: N/A  
Luminaire Lumens: 20085 lumens  
Efficiency: N/A  
Efficacy: 80.5 lumens/watt  
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')  
IES Classification: Type IV - Short  
BUG Rating: B2 - U0 - G4

Input Watts (W): 249.5  
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

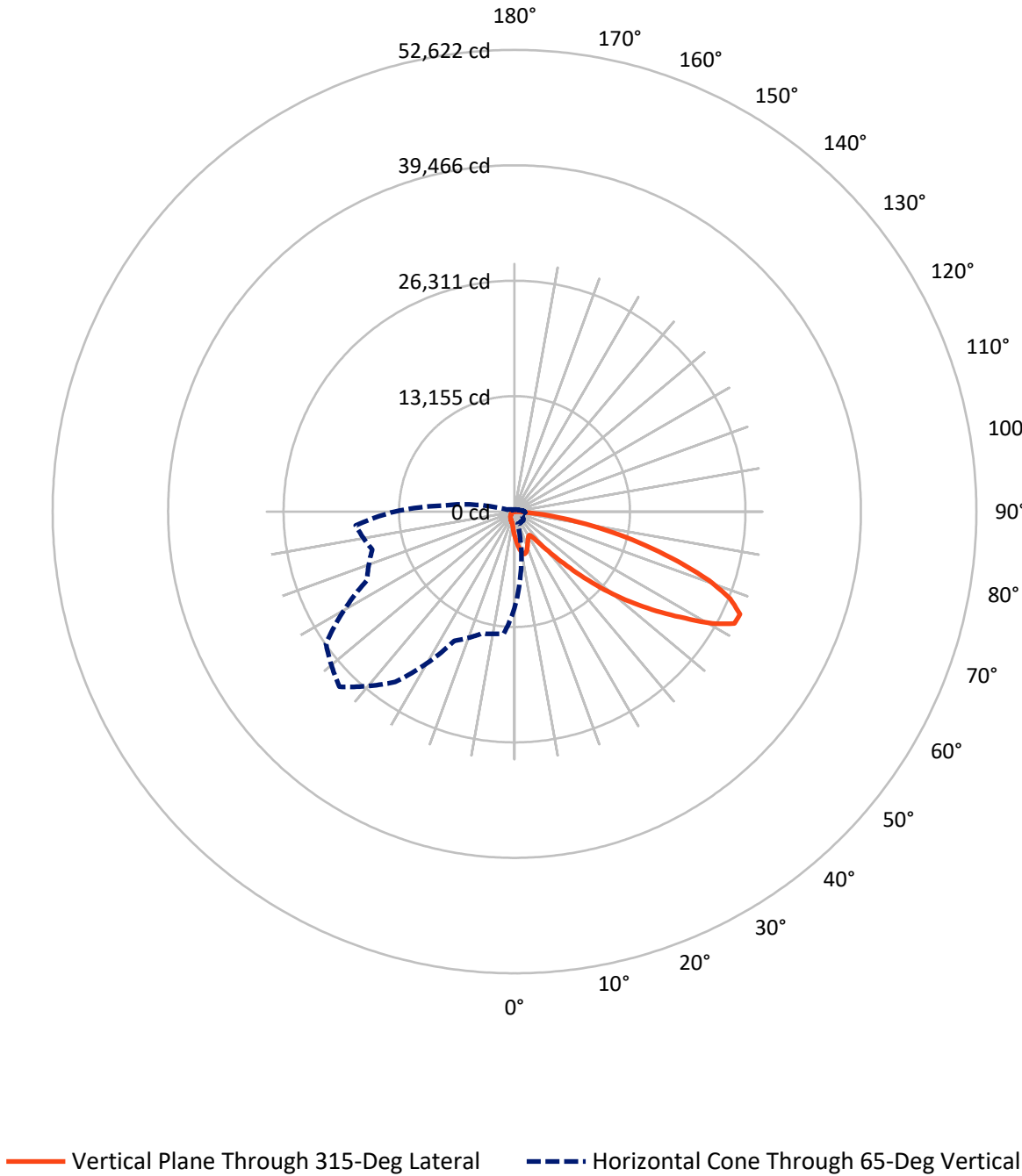


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Luminous Intensity Polar Plot



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**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total   |
|--------------------|-----------|----------|--------|---------|
| <b>House Side</b>  | Lumens    | 2812.8   | 0.0    | 2812.8  |
|                    | % Fixture | 14.0     | 0.0    | 14.0    |
| <b>Street Side</b> | Lumens    | 17272.2  | 0.0    | 17272.2 |
|                    | % Fixture | 86.0     | 0.0    | 86.0    |
| <b>Total</b>       | Lumens    | 20085.0  | 0.0    | 20085.0 |
|                    | % Fixture | 100.0    | 0.0    | 100.0   |

**ZONAL LUMENS:**

| Zone      | Lumens  | % Fixture |
|-----------|---------|-----------|
| 0°-10°    | 273.8   | 1.4       |
| 10°-20°   | 820.8   | 4.1       |
| 20°-30°   | 1209.2  | 6.0       |
| 30°-40°   | 1553.5  | 7.7       |
| 40°-50°   | 2512.5  | 12.5      |
| 50°-60°   | 4405.9  | 21.9      |
| 60°-70°   | 5513.0  | 27.4      |
| 70°-80°   | 3221.5  | 16.0      |
| 80°-90°   | 574.8   | 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°    | 20085.0 | 100.0     |
| 0°-180°   | 20085.0 | 100.0     |

**Coefficient of Utilization**



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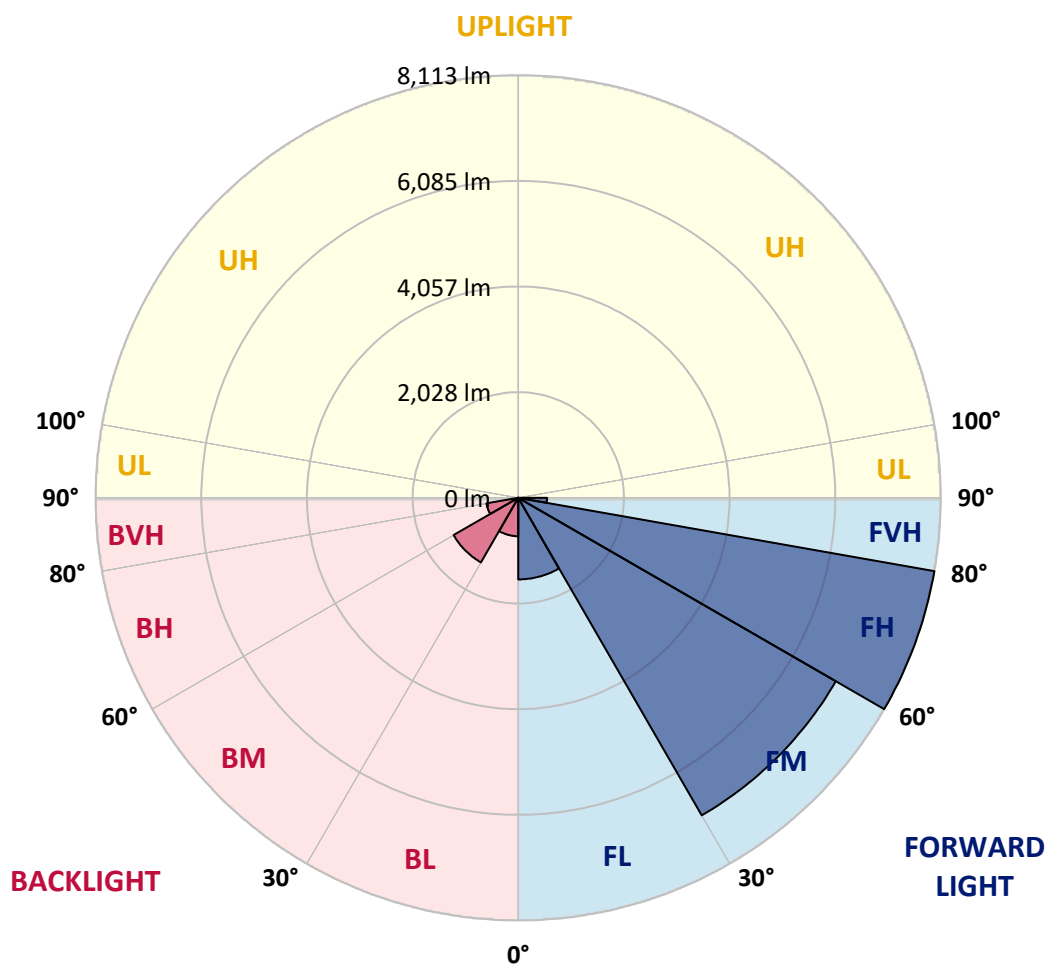
CATALOG NUMBER: GLAN-SB5C-935-U-SLR-HSS

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

| Zone |             | Lumens | % Fixture | Zone Rating/Lumen Limit |      |          |
|------|-------------|--------|-----------|-------------------------|------|----------|
|      |             |        |           | B                       | U    | G        |
| FL   | (0°-30°)    | 1566.6 | 7.8       |                         |      |          |
| FM   | (30°-60°)   | 7039.6 | 35.0      |                         |      |          |
| FH   | (60°-80°)   | 8113.4 | 40.4      |                         |      | G4/12000 |
| FVH  | (80°-90°)   | 552.7  | 2.8       |                         |      | G4/750   |
| BL   | (0°-30°)    | 737.3  | 3.7       | B2/1000                 |      |          |
| BM   | (30°-60°)   | 1432.3 | 7.1       | B2/2500                 |      |          |
| BH   | (60°-80°)   | 621.1  | 3.1       | B2/1000                 |      | G2/1000  |
| BVH  | (80°-90°)   | 22.1   | 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-G4**

Type IV Short



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**CANDELA DISTRIBUTION (FULL):**

|       | 0°      | 5°      | 15°    | 25°    | 35°    | 45°    | 55°    | 65°    | 75°    | 85°    |
|-------|---------|---------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 2781.1  | 2781.1  | 2781.1 | 2781.1 | 2781.1 | 2781.1 | 2781.1 | 2781.1 | 2781.1 | 2781.1 |
| 2.5°  | 3142.3  | 3088.3  | 3056.5 | 2977.6 | 2898.7 | 2835.1 | 2749.3 | 2692.6 | 2624.8 | 2559.7 |
| 5°    | 3502.0  | 3414.8  | 3309.7 | 3165.8 | 3034.3 | 2900.1 | 2770.1 | 2641.4 | 2505.8 | 2381.3 |
| 7.5°  | 3806.4  | 3680.5  | 3495.1 | 3304.1 | 3136.7 | 2974.8 | 2822.6 | 2652.5 | 2487.8 | 2292.7 |
| 10°   | 4038.9  | 3878.4  | 3634.8 | 3384.4 | 3192.1 | 3028.8 | 2880.8 | 2736.9 | 2570.8 | 2335.6 |
| 12.5° | 4180.0  | 4008.4  | 3719.2 | 3425.9 | 3205.9 | 3023.3 | 2908.4 | 2844.8 | 2779.7 | 2545.9 |
| 15°   | 4283.8  | 4098.4  | 3778.7 | 3455.0 | 3174.1 | 2949.9 | 2865.5 | 2929.2 | 3003.9 | 2854.5 |
| 17.5° | 4391.7  | 4196.6  | 3856.2 | 3467.4 | 3088.3 | 2807.4 | 2771.4 | 2936.1 | 3109.1 | 3102.1 |
| 20°   | 4494.1  | 4300.4  | 3924.0 | 3459.1 | 2949.9 | 2634.5 | 2666.3 | 2876.6 | 3077.2 | 3161.6 |
| 22.5° | 4611.7  | 4406.9  | 3989.1 | 3427.3 | 2770.1 | 2472.6 | 2572.2 | 2782.5 | 2958.2 | 3057.9 |
| 25°   | 4755.6  | 4541.1  | 4080.4 | 3380.2 | 2576.4 | 2338.4 | 2476.7 | 2673.2 | 2815.7 | 2884.9 |
| 27.5° | 4910.6  | 4701.6  | 4202.1 | 3355.3 | 2420.0 | 2242.9 | 2368.8 | 2543.1 | 2670.4 | 2718.9 |
| 30°   | 5102.9  | 4888.4  | 4346.0 | 3327.7 | 2317.6 | 2187.5 | 2256.7 | 2392.3 | 2516.9 | 2565.3 |
| 32.5° | 5313.2  | 5096.0  | 4484.4 | 3261.3 | 2255.3 | 2146.0 | 2147.4 | 2233.2 | 2346.7 | 2404.8 |
| 35°   | 5576.1  | 5345.0  | 4632.4 | 3116.0 | 2205.5 | 2097.6 | 2040.9 | 2082.4 | 2176.5 | 2245.7 |
| 37.5° | 5951.1  | 5671.6  | 4813.7 | 2908.4 | 2132.2 | 2022.9 | 1928.8 | 1938.5 | 2010.4 | 2086.5 |
| 40°   | 6468.5  | 6110.2  | 5026.8 | 2692.6 | 2027.0 | 1917.7 | 1805.7 | 1801.5 | 1854.1 | 1928.8 |
| 42.5° | 7168.7  | 6689.9  | 5282.8 | 2486.4 | 1926.0 | 1790.4 | 1675.6 | 1668.7 | 1710.2 | 1775.2 |
| 45°   | 8092.9  | 7431.6  | 5596.9 | 2309.3 | 1847.2 | 1665.9 | 1552.5 | 1549.7 | 1584.3 | 1641.0 |
| 47.5° | 9276.0  | 8462.4  | 5910.9 | 2188.9 | 1805.7 | 1567.7 | 1451.4 | 1457.0 | 1487.4 | 1538.6 |
| 50°   | 10807.7 | 9805.9  | 6006.4 | 2128.0 | 1805.7 | 1515.1 | 1361.5 | 1389.2 | 1414.1 | 1452.8 |
| 52.5° | 12643.8 | 11095.5 | 5690.9 | 2072.7 | 1816.7 | 1522.0 | 1285.4 | 1344.9 | 1362.9 | 1396.1 |
| 55°   | 14345.6 | 11727.8 | 4892.6 | 1996.6 | 1819.5 | 1564.9 | 1220.4 | 1308.9 | 1342.1 | 1354.6 |
| 57.5° | 15333.6 | 11510.6 | 3955.8 | 1867.9 | 1808.4 | 1594.0 | 1178.9 | 1264.7 | 1328.3 | 1336.6 |
| 60°   | 15145.4 | 10748.2 | 2912.6 | 1769.7 | 1726.8 | 1582.9 | 1166.4 | 1196.9 | 1297.9 | 1310.3 |
| 62.5° | 13695.3 | 9469.7  | 2021.5 | 1693.6 | 1546.9 | 1534.5 | 1162.3 | 1090.3 | 1231.4 | 1261.9 |
| 65°   | 11008.3 | 7455.1  | 1427.9 | 1458.4 | 1356.0 | 1429.3 | 1140.1 | 979.6  | 1151.2 | 1192.7 |
| 67.5° | 7986.4  | 5044.8  | 1030.8 | 1181.6 | 1228.7 | 1259.1 | 1090.3 | 899.4  | 1059.9 | 1115.2 |
| 70°   | 5125.0  | 2724.4  | 723.6  | 780.4  | 1035.0 | 1069.6 | 1004.5 | 827.4  | 967.2  | 1030.8 |
| 72.5° | 3643.1  | 1609.2  | 520.3  | 546.5  | 831.6  | 891.1  | 884.2  | 747.2  | 859.2  | 936.7  |
| 75°   | 2514.1  | 886.9   | 351.4  | 390.2  | 603.3  | 723.6  | 682.1  | 642.0  | 727.8  | 806.7  |
| 77.5° | 1576.0  | 397.1   | 210.3  | 271.2  | 395.7  | 568.7  | 467.7  | 496.7  | 567.3  | 640.6  |
| 80°   | 877.2   | 153.6   | 117.6  | 179.9  | 215.8  | 413.7  | 258.7  | 319.6  | 417.9  | 470.4  |
| 82.5° | 190.9   | 19.4    | 52.6   | 77.5   | 84.4   | 240.8  | 137.0  | 185.4  | 262.9  | 258.7  |
| 85°   | 0.0     | 0.0     | 9.7    | 11.1   | 5.5    | 103.8  | 49.8   | 60.9   | 85.8   | 80.3   |
| 87.5° | 0.0     | 0.0     | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 2.8    |
| 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°   |
|--------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 2781.1 | 0°    | 2781.1 | 2781.1 | 2781.1 | 2781.1 | 2781.1 | 2781.1 | 2781.1 | 2781.1 | 2781.1 | 2781.1 |
| 2501.6 | 2.5°  | 2490.6 | 2422.8 | 2373.0 | 2348.0 | 2327.3 | 2346.7 | 2357.7 | 2357.7 | 2404.8 | 2432.5 |
| 2305.2 | 5°    | 2256.7 | 2135.0 | 2042.3 | 1980.0 | 1942.6 | 1955.1 | 1968.9 | 1984.1 | 2043.6 | 2083.8 |
| 2188.9 | 7.5°  | 2094.8 | 1908.0 | 1766.9 | 1679.7 | 1634.1 | 1641.0 | 1650.7 | 1663.1 | 1721.3 | 1761.4 |
| 2205.5 | 10°   | 2064.4 | 1796.0 | 1596.7 | 1481.9 | 1426.5 | 1416.9 | 1411.3 | 1407.2 | 1441.8 | 1472.2 |
| 2393.7 | 12.5° | 2188.9 | 1801.5 | 1523.4 | 1383.6 | 1315.8 | 1286.8 | 1253.6 | 1227.3 | 1232.8 | 1252.2 |
| 2678.7 | 15°   | 2411.7 | 1872.1 | 1499.9 | 1332.5 | 1248.0 | 1199.6 | 1160.9 | 1129.1 | 1122.1 | 1129.1 |
| 2927.8 | 17.5° | 2666.3 | 1967.5 | 1497.1 | 1288.2 | 1183.0 | 1133.2 | 1101.4 | 1072.3 | 1062.6 | 1064.0 |
| 3067.5 | 20°   | 2835.1 | 2043.6 | 1488.8 | 1238.4 | 1120.8 | 1076.5 | 1048.8 | 1019.7 | 1010.1 | 1012.8 |
| 3028.8 | 22.5° | 2851.7 | 2083.8 | 1476.4 | 1183.0 | 1058.5 | 1021.1 | 993.5  | 967.2  | 965.8  | 965.8  |
| 2883.5 | 25°   | 2761.8 | 2083.8 | 1450.1 | 1133.2 | 999.0  | 965.8  | 940.9  | 909.1  | 914.6  | 917.4  |
| 2718.9 | 27.5° | 2622.0 | 2034.0 | 1400.3 | 1093.1 | 947.8  | 913.2  | 888.3  | 859.2  | 866.2  | 870.3  |
| 2565.3 | 30°   | 2483.6 | 1970.3 | 1340.8 | 1047.4 | 899.4  | 859.2  | 841.3  | 816.4  | 819.1  | 824.7  |
| 2413.1 | 32.5° | 2355.0 | 1902.5 | 1270.2 | 1010.1 | 850.9  | 810.8  | 797.0  | 769.3  | 773.5  | 779.0  |
| 2263.6 | 35°   | 2227.7 | 1827.8 | 1187.2 | 965.8  | 806.7  | 766.5  | 755.5  | 723.6  | 726.4  | 734.7  |
| 2114.2 | 37.5° | 2090.7 | 1748.9 | 1119.4 | 921.5  | 763.8  | 722.3  | 711.2  | 678.0  | 680.8  | 690.4  |
| 1959.2 | 40°   | 1946.8 | 1671.4 | 1053.0 | 874.5  | 718.1  | 676.6  | 666.9  | 630.9  | 633.7  | 644.8  |
| 1807.0 | 42.5° | 1801.5 | 1587.0 | 1001.8 | 813.6  | 671.1  | 626.8  | 617.1  | 583.9  | 588.0  | 600.5  |
| 1674.2 | 45°   | 1667.3 | 1486.0 | 968.6  | 745.8  | 626.8  | 577.0  | 567.3  | 536.9  | 545.2  | 559.0  |
| 1562.1 | 47.5° | 1552.5 | 1382.3 | 954.7  | 689.1  | 579.7  | 525.8  | 517.5  | 492.6  | 506.4  | 521.6  |
| 1466.7 | 50°   | 1454.2 | 1282.6 | 936.7  | 630.9  | 535.5  | 481.5  | 473.2  | 456.6  | 474.6  | 489.8  |
| 1401.6 | 52.5° | 1383.6 | 1169.2 | 898.0  | 578.4  | 496.7  | 444.2  | 441.4  | 433.1  | 449.7  | 463.5  |
| 1353.2 | 55°   | 1322.8 | 1051.6 | 835.7  | 532.7  | 462.1  | 412.3  | 415.1  | 410.9  | 424.8  | 435.8  |
| 1324.1 | 57.5° | 1267.4 | 949.2  | 756.9  | 496.7  | 424.8  | 384.7  | 393.0  | 387.4  | 394.3  | 401.3  |
| 1293.7 | 60°   | 1201.0 | 845.4  | 662.8  | 456.6  | 380.5  | 357.0  | 366.7  | 351.4  | 350.1  | 352.8  |
| 1238.4 | 62.5° | 1102.8 | 705.7  | 564.5  | 406.8  | 341.8  | 326.5  | 330.7  | 301.6  | 279.5  | 279.5  |
| 1156.7 | 65°   | 965.8  | 567.3  | 473.2  | 351.4  | 297.5  | 285.0  | 282.3  | 240.8  | 210.3  | 207.5  |
| 1068.2 | 67.5° | 806.7  | 466.3  | 393.0  | 296.1  | 247.7  | 239.4  | 242.1  | 211.7  | 181.3  | 178.5  |
| 979.6  | 70°   | 657.2  | 386.0  | 316.9  | 236.6  | 190.9  | 199.2  | 211.7  | 181.3  | 152.2  | 148.1  |
| 875.8  | 72.5° | 534.1  | 307.2  | 247.7  | 181.3  | 141.1  | 164.7  | 179.9  | 148.1  | 120.4  | 117.6  |
| 747.2  | 75°   | 412.3  | 225.5  | 177.1  | 123.1  | 102.4  | 127.3  | 141.1  | 107.9  | 85.8   | 81.6   |
| 578.4  | 77.5° | 275.3  | 139.7  | 99.6   | 77.5   | 60.9   | 87.2   | 94.1   | 56.7   | 49.8   | 48.4   |
| 420.6  | 80°   | 167.4  | 65.0   | 42.9   | 37.4   | 20.8   | 31.8   | 37.4   | 23.5   | 26.3   | 27.7   |
| 224.2  | 82.5° | 84.4   | 18.0   | 6.9    | 1.4    | 0.0    | 0.0    | 11.1   | 5.5    | 11.1   | 13.8   |
| 60.9   | 85°   | 6.9    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 2.8    | 6.9    |
| 0.0    | 87.5° | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 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°    |
|--------|-------|--------|--------|--------|--------|--------|--------|--------|---------|---------|---------|
| 2781.1 | 0°    | 2781.1 | 2781.1 | 2781.1 | 2781.1 | 2781.1 | 2781.1 | 2781.1 | 2781.1  | 2781.1  | 2781.1  |
| 2443.5 | 2.5°  | 2521.0 | 2579.1 | 2634.5 | 2723.0 | 2814.3 | 2904.3 | 2995.6 | 3084.1  | 3116.0  | 3139.5  |
| 2110.1 | 5°    | 2230.4 | 2339.7 | 2467.0 | 2642.8 | 2830.9 | 3024.7 | 3221.1 | 3401.0  | 3482.6  | 3538.0  |
| 1796.0 | 7.5°  | 1930.2 | 2072.7 | 2255.3 | 2519.6 | 2814.3 | 3122.9 | 3431.4 | 3715.1  | 3846.5  | 3953.1  |
| 1499.9 | 10°   | 1632.7 | 1787.7 | 2018.7 | 2320.4 | 2718.9 | 3161.6 | 3587.8 | 3978.0  | 4148.2  | 4282.4  |
| 1286.8 | 12.5° | 1371.2 | 1516.5 | 1758.6 | 2092.1 | 2569.4 | 3131.2 | 3677.7 | 4146.8  | 4347.4  | 4498.2  |
| 1134.6 | 15°   | 1187.2 | 1289.6 | 1504.0 | 1863.8 | 2392.3 | 3033.0 | 3683.3 | 4227.0  | 4447.0  | 4604.8  |
| 1070.9 | 17.5° | 1084.8 | 1119.4 | 1259.1 | 1631.3 | 2195.8 | 2904.3 | 3632.1 | 4254.7  | 4489.9  | 4636.6  |
| 1014.2 | 20°   | 1029.4 | 1035.0 | 1073.7 | 1329.7 | 1944.0 | 2783.9 | 3583.6 | 4282.4  | 4530.1  | 4653.2  |
| 974.1  | 22.5° | 985.2  | 985.2  | 994.8  | 1087.5 | 1618.9 | 2640.0 | 3568.4 | 4330.8  | 4585.4  | 4661.5  |
| 928.4  | 25°   | 945.0  | 945.0  | 947.8  | 972.7  | 1282.6 | 2420.0 | 3558.7 | 4405.5  | 4661.5  | 4682.3  |
| 882.8  | 27.5° | 903.5  | 904.9  | 904.9  | 918.7  | 1033.6 | 2121.1 | 3517.2 | 4502.4  | 4752.8  | 4709.9  |
| 838.5  | 30°   | 862.0  | 864.8  | 864.8  | 874.5  | 914.6  | 1771.1 | 3435.6 | 4618.6  | 4871.8  | 4745.9  |
| 794.2  | 32.5° | 820.5  | 823.3  | 823.3  | 831.6  | 860.6  | 1414.1 | 3333.2 | 4725.2  | 4992.2  | 4761.1  |
| 751.3  | 35°   | 777.6  | 781.8  | 779.0  | 790.1  | 820.5  | 1124.9 | 3203.1 | 4831.7  | 5122.3  | 4809.6  |
| 709.8  | 37.5° | 734.7  | 737.5  | 736.1  | 747.2  | 781.8  | 971.3  | 3052.3 | 4911.9  | 5299.4  | 4917.5  |
| 665.5  | 40°   | 691.8  | 690.4  | 690.4  | 702.9  | 740.3  | 927.0  | 2862.8 | 5039.2  | 5554.0  | 5107.0  |
| 621.3  | 42.5° | 647.5  | 647.5  | 644.8  | 658.6  | 704.3  | 893.8  | 2681.5 | 5267.5  | 5924.8  | 5408.7  |
| 579.7  | 45°   | 607.4  | 606.0  | 600.5  | 613.0  | 669.7  | 835.7  | 2617.9 | 5693.7  | 6472.7  | 5897.1  |
| 538.2  | 47.5° | 568.7  | 567.3  | 553.5  | 564.5  | 628.2  | 783.1  | 2855.8 | 6391.1  | 7232.3  | 6615.2  |
| 505.0  | 50°   | 534.1  | 535.5  | 509.2  | 518.9  | 586.7  | 743.0  | 3371.9 | 7296.0  | 8241.0  | 7582.4  |
| 477.4  | 52.5° | 502.3  | 502.3  | 467.7  | 473.2  | 535.5  | 707.0  | 3863.1 | 8277.0  | 9572.1  | 8931.4  |
| 448.3  | 55°   | 470.4  | 467.7  | 428.9  | 431.7  | 484.3  | 655.8  | 3936.5 | 9234.5  | 11387.4 | 10961.2 |
| 416.5  | 57.5° | 434.5  | 428.9  | 393.0  | 393.0  | 437.2  | 618.5  | 3412.1 | 9970.6  | 13640.0 | 13944.4 |
| 357.0  | 60°   | 390.2  | 386.0  | 362.5  | 355.6  | 399.9  | 651.7  | 2407.5 | 10056.3 | 15092.8 | 17911.3 |
| 283.6  | 62.5° | 333.5  | 339.0  | 326.5  | 316.9  | 363.9  | 676.6  | 1426.5 | 9365.9  | 14741.4 | 19173.2 |
| 220.0  | 65°   | 262.9  | 285.0  | 282.3  | 275.3  | 399.9  | 570.1  | 842.6  | 8040.4  | 13663.5 | 18154.8 |
| 192.3  | 67.5° | 224.2  | 239.4  | 235.2  | 235.2  | 419.2  | 433.1  | 529.9  | 6281.8  | 12180.2 | 16946.9 |
| 160.5  | 70°   | 190.9  | 206.2  | 190.9  | 190.9  | 316.9  | 262.9  | 366.7  | 4386.2  | 10579.4 | 15610.3 |
| 128.7  | 72.5° | 157.7  | 173.0  | 156.4  | 145.3  | 253.2  | 196.5  | 268.4  | 2741.0  | 9060.1  | 14218.4 |
| 91.3   | 75°   | 120.4  | 138.4  | 125.9  | 112.1  | 167.4  | 146.7  | 203.4  | 1592.6  | 7506.3  | 12165.0 |
| 55.3   | 77.5° | 76.1   | 99.6   | 94.1   | 78.9   | 123.1  | 106.5  | 146.7  | 947.8   | 5791.9  | 9505.7  |
| 33.2   | 80°   | 47.0   | 51.2   | 52.6   | 49.8   | 70.6   | 71.9   | 99.6   | 539.6   | 3964.1  | 6624.9  |
| 20.8   | 82.5° | 30.4   | 30.4   | 23.5   | 26.3   | 34.6   | 41.5   | 56.7   | 203.4   | 2330.1  | 4033.3  |
| 12.5   | 85°   | 22.1   | 19.4   | 12.5   | 12.5   | 16.6   | 20.8   | 22.1   | 62.3    | 945.0   | 1592.6  |
| 5.5    | 87.5° | 11.1   | 9.7    | 4.2    | 5.5    | 8.3    | 6.9    | 5.5    | 2.8     | 238.0   | 509.2   |
| 0.0    | 90°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0     | 0.0     | 0.0     |

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**CANDELA DISTRIBUTION (continued):**

| 285°    |       | 295°    | 305°    | 315°    | 325°    | 335°    | 345°    | 355°    | 360°    |
|---------|-------|---------|---------|---------|---------|---------|---------|---------|---------|
| 2781.1  | 0°    | 2781.1  | 2781.1  | 2781.1  | 2781.1  | 2781.1  | 2781.1  | 2781.1  | 2781.1  |
| 3192.1  | 2.5°  | 3219.7  | 3262.6  | 3265.4  | 3265.4  | 3228.0  | 3226.7  | 3150.6  | 3142.3  |
| 3662.5  | 5°    | 3791.2  | 3818.9  | 3825.8  | 3811.9  | 3737.2  | 3681.9  | 3533.8  | 3502.0  |
| 4142.6  | 7.5°  | 4314.2  | 4369.6  | 4369.6  | 4336.3  | 4214.6  | 4101.1  | 3886.7  | 3806.4  |
| 4539.7  | 10°   | 4732.1  | 4795.7  | 4781.9  | 4714.1  | 4560.5  | 4404.1  | 4144.0  | 4038.9  |
| 4780.5  | 12.5° | 4935.5  | 5000.5  | 4964.5  | 4887.0  | 4737.6  | 4573.0  | 4299.0  | 4180.0  |
| 4849.7  | 15°   | 4931.3  | 4913.3  | 4876.0  | 4866.3  | 4794.3  | 4669.8  | 4413.8  | 4283.8  |
| 4806.8  | 17.5° | 4755.6  | 4603.4  | 4574.3  | 4671.2  | 4762.5  | 4732.1  | 4513.5  | 4391.7  |
| 4704.4  | 20°   | 4477.5  | 4211.8  | 4185.5  | 4370.9  | 4631.1  | 4763.9  | 4606.2  | 4494.1  |
| 4556.3  | 22.5° | 4184.1  | 3897.7  | 3836.9  | 4041.6  | 4433.2  | 4773.6  | 4723.8  | 4611.7  |
| 4393.1  | 25°   | 3906.0  | 3618.2  | 3557.4  | 3748.3  | 4213.2  | 4757.0  | 4851.1  | 4755.6  |
| 4236.7  | 27.5° | 3673.6  | 3395.5  | 3338.7  | 3529.7  | 4001.5  | 4709.9  | 4978.4  | 4910.6  |
| 4081.8  | 30°   | 3493.7  | 3236.3  | 3194.8  | 3378.9  | 3818.9  | 4651.8  | 5140.2  | 5102.9  |
| 3937.9  | 32.5° | 3388.6  | 3200.4  | 3215.6  | 3366.4  | 3720.6  | 4588.2  | 5295.2  | 5313.2  |
| 3867.3  | 35°   | 3492.3  | 3500.6  | 3633.5  | 3695.7  | 3811.9  | 4578.5  | 5505.5  | 5576.1  |
| 3951.7  | 37.5° | 4008.4  | 4296.2  | 4571.6  | 4520.4  | 4258.9  | 4690.6  | 5819.6  | 5951.1  |
| 4319.7  | 40°   | 4887.0  | 5477.9  | 5924.8  | 5729.7  | 5071.1  | 5033.7  | 6272.1  | 6468.5  |
| 4972.8  | 42.5° | 5960.7  | 6962.5  | 7698.6  | 7175.6  | 6118.5  | 5634.2  | 6918.2  | 7168.7  |
| 5762.9  | 45°   | 7094.0  | 8793.1  | 9952.6  | 8865.0  | 7235.1  | 6475.5  | 7896.5  | 8092.9  |
| 6503.1  | 47.5° | 8288.0  | 11018.0 | 12517.9 | 10738.5 | 8270.1  | 7432.9  | 9230.3  | 9276.0  |
| 7204.6  | 50°   | 9594.2  | 13457.3 | 15132.9 | 12610.6 | 9269.0  | 8530.2  | 10860.2 | 10807.7 |
| 8022.4  | 52.5° | 10838.1 | 15965.9 | 17692.7 | 14490.9 | 10146.3 | 9891.7  | 12751.7 | 12643.8 |
| 9140.4  | 55°   | 12025.3 | 18473.1 | 20267.7 | 16298.0 | 10973.7 | 11690.4 | 14998.7 | 14345.6 |
| 10752.3 | 57.5° | 13402.0 | 20727.0 | 22921.5 | 18113.3 | 12130.4 | 14026.0 | 17511.4 | 15333.6 |
| 13839.2 | 60°   | 15437.3 | 23288.2 | 25922.6 | 20601.1 | 14330.4 | 16480.6 | 18412.2 | 15145.4 |
| 17536.3 | 62.5° | 18035.8 | 25643.1 | 28104.6 | 23039.1 | 16540.1 | 16942.8 | 17085.3 | 13695.3 |
| 16782.3 | 65°   | 18540.9 | 26239.5 | 28227.8 | 23690.8 | 16255.1 | 14371.9 | 13948.5 | 11008.3 |
| 14990.4 | 67.5° | 17201.5 | 25161.6 | 26506.5 | 22477.3 | 14378.9 | 11106.5 | 10467.3 | 7986.4  |
| 13814.3 | 70°   | 15698.9 | 23106.9 | 23506.8 | 20414.3 | 12646.5 | 8169.1  | 7069.1  | 5125.0  |
| 13009.0 | 72.5° | 14158.9 | 20365.9 | 19538.5 | 17728.7 | 11114.8 | 5948.3  | 5098.7  | 3643.1  |
| 11862.0 | 75°   | 12329.7 | 16761.5 | 15390.3 | 14730.3 | 9202.6  | 4668.4  | 3688.8  | 2514.1  |
| 10203.0 | 77.5° | 9873.7  | 11798.4 | 11431.7 | 11417.9 | 6915.5  | 3410.7  | 2461.5  | 1576.0  |
| 7971.2  | 80°   | 6965.3  | 7657.1  | 7470.3  | 8599.4  | 4639.4  | 2474.0  | 1481.9  | 877.2   |
| 5548.4  | 82.5° | 3371.9  | 4234.0  | 4346.0  | 5120.9  | 2256.7  | 1455.6  | 341.8   | 190.9   |
| 2169.6  | 85°   | 1320.0  | 2042.3  | 1722.6  | 1944.0  | 633.7   | 405.4   | 8.3     | 0.0     |
| 357.0   | 87.5° | 148.1   | 236.6   | 217.2   | 171.6   | 77.5    | 16.6    | 0.0     | 0.0     |
| 0.0     | 90°   | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |

(END OF REPORT)