

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: P952170

Luminaire Tested: **GLAN-SB6A-835-U-SLR-HSS**

Issue Date: 1/21/2025

### Test Information

Test Method: LM-79-08  
Report Number: P952170  
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-SB6A-835-U-SLR-HSS  
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE  
(6) 80 CRI, 3500K, 350mA LIGHTSQUARES WITH 26 LEDS EACH AND SPILL LIGHT  
ELIMINATOR RIGHT OPTICS WITH HOUSE SIDE SHIELD  
Light Source: -  
Ballast/Driver: -

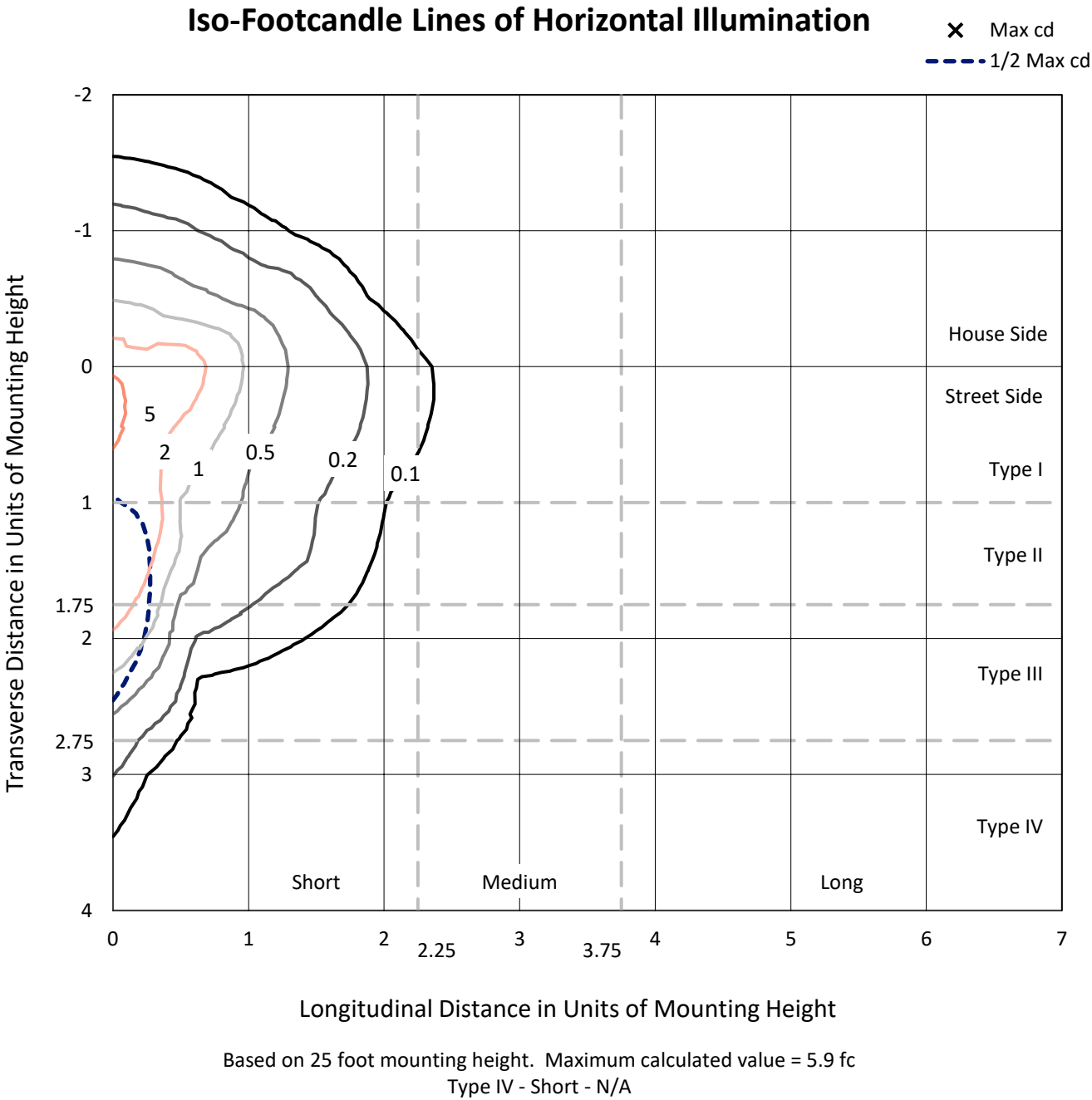
### Summary

Lumens per Lamp: N/A  
Luminaire Lumens: 19256 lumens  
Efficiency: N/A  
Efficacy: 112.7 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): 170.9  
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

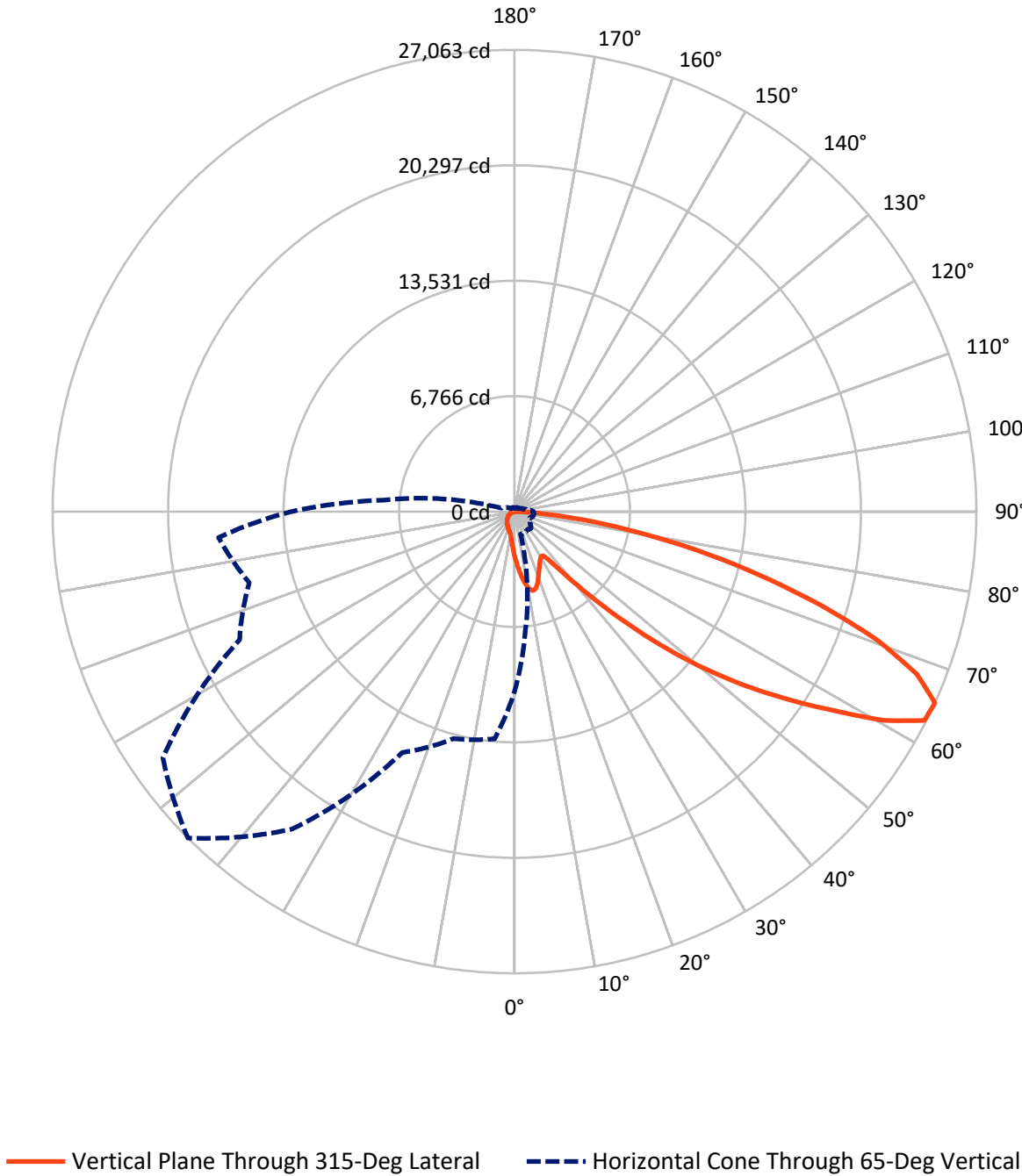


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Luminous Intensity Polar Plot



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**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total   |
|--------------------|-----------|----------|--------|---------|
| <b>House Side</b>  | Lumens    | 2696.7   | 0.0    | 2696.7  |
|                    | % Fixture | 14.0     | 0.0    | 14.0    |
| <b>Street Side</b> | Lumens    | 16559.3  | 0.0    | 16559.3 |
|                    | % Fixture | 86.0     | 0.0    | 86.0    |
| <b>Total</b>       | Lumens    | 19256.0  | 0.0    | 19256.0 |
|                    | % Fixture | 100.0    | 0.0    | 100.0   |

**ZONAL LUMENS:**

| Zone      | Lumens  | % Fixture |
|-----------|---------|-----------|
| 0°-10°    | 262.5   | 1.4       |
| 10°-20°   | 786.9   | 4.1       |
| 20°-30°   | 1159.3  | 6.0       |
| 30°-40°   | 1489.4  | 7.7       |
| 40°-50°   | 2408.8  | 12.5      |
| 50°-60°   | 4224.0  | 21.9      |
| 60°-70°   | 5285.4  | 27.4      |
| 70°-80°   | 3088.6  | 16.0      |
| 80°-90°   | 551.0   | 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°    | 19256.0 | 100.0     |
| 0°-180°   | 19256.0 | 100.0     |

**Coefficient of Utilization**



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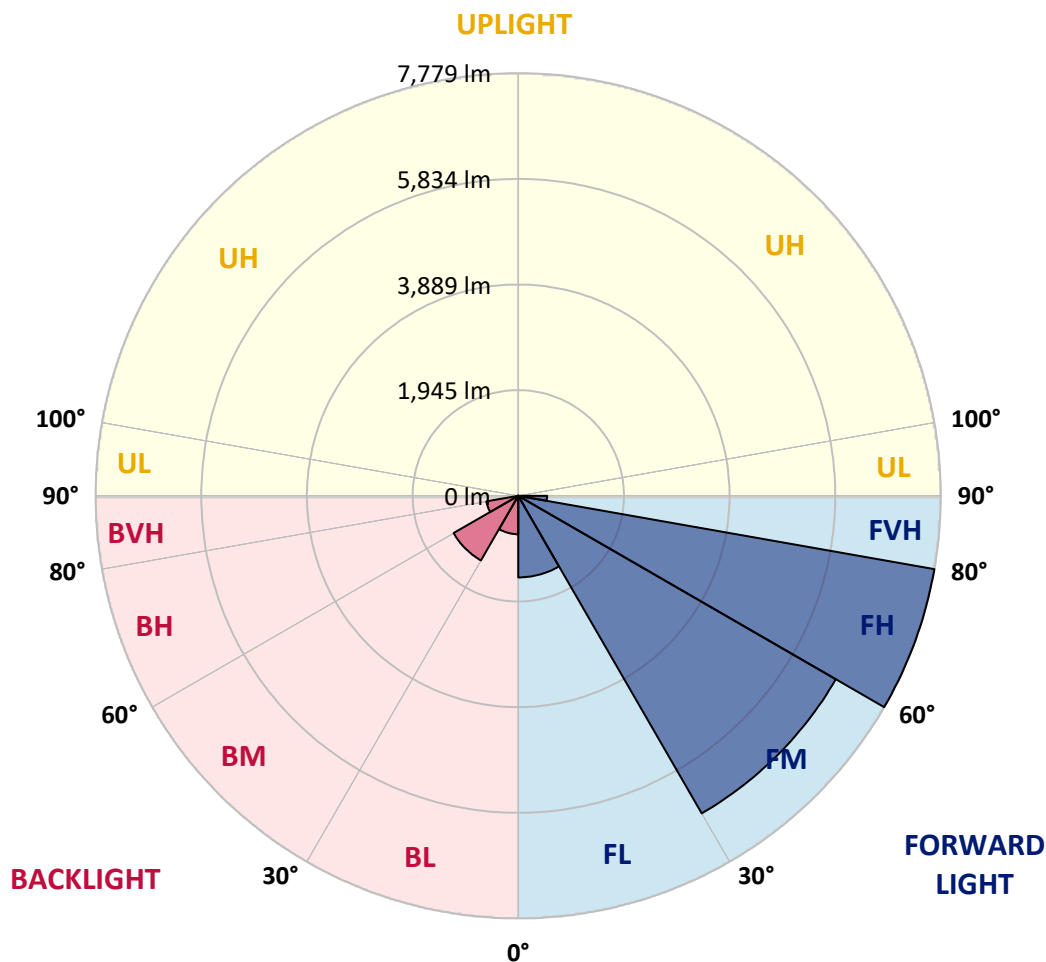
CATALOG NUMBER: GLAN-SB6A-835-U-SLR-HSS

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

| Zone |             | Lumens | % Fixture | Zone Rating/Lumen Limit |      |          |
|------|-------------|--------|-----------|-------------------------|------|----------|
|      |             |        |           | B                       | U    | G        |
| FL   | (0°-30°)    | 1501.9 | 7.8       |                         |      |          |
| FM   | (30°-60°)   | 6749.0 | 35.0      |                         |      |          |
| FH   | (60°-80°)   | 7778.6 | 40.4      |                         |      | G4/12000 |
| FVH  | (80°-90°)   | 529.9  | 2.8       |                         |      | G4/750   |
| BL   | (0°-30°)    | 706.8  | 3.7       | B2/1000                 |      |          |
| BM   | (30°-60°)   | 1373.2 | 7.1       | B2/2500                 |      |          |
| BH   | (60°-80°)   | 595.4  | 3.1       | B2/1000                 |      | G2/1000  |
| BVH  | (80°-90°)   | 21.2   | 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°    | 2666.3  | 2666.3  | 2666.3 | 2666.3 | 2666.3 | 2666.3 | 2666.3 | 2666.3 | 2666.3 | 2666.3 |
| 2.5°  | 3012.6  | 2960.8  | 2930.3 | 2854.7 | 2779.1 | 2718.1 | 2635.8 | 2581.4 | 2516.4 | 2454.1 |
| 5°    | 3357.5  | 3273.9  | 3173.1 | 3035.1 | 2909.1 | 2780.4 | 2655.7 | 2532.4 | 2402.4 | 2283.0 |
| 7.5°  | 3649.3  | 3528.6  | 3350.8 | 3167.8 | 3007.3 | 2852.1 | 2706.1 | 2543.0 | 2385.1 | 2198.1 |
| 10°   | 3872.2  | 3718.3  | 3484.8 | 3244.7 | 3060.3 | 2903.8 | 2761.9 | 2623.9 | 2464.7 | 2239.2 |
| 12.5° | 4007.5  | 3843.0  | 3565.7 | 3284.5 | 3073.6 | 2898.5 | 2788.4 | 2727.4 | 2665.0 | 2440.8 |
| 15°   | 4107.0  | 3929.2  | 3622.8 | 3312.4 | 3043.1 | 2828.2 | 2747.3 | 2808.3 | 2879.9 | 2736.6 |
| 17.5° | 4210.4  | 4023.4  | 3697.1 | 3324.3 | 2960.8 | 2691.5 | 2657.1 | 2814.9 | 2980.7 | 2974.1 |
| 20°   | 4308.6  | 4122.9  | 3762.1 | 3316.3 | 2828.2 | 2525.7 | 2556.2 | 2757.9 | 2950.2 | 3031.1 |
| 22.5° | 4421.3  | 4225.0  | 3824.4 | 3285.8 | 2655.7 | 2370.5 | 2466.0 | 2667.7 | 2836.1 | 2931.6 |
| 25°   | 4559.3  | 4353.7  | 3912.0 | 3240.7 | 2470.0 | 2241.8 | 2374.5 | 2562.9 | 2699.5 | 2765.8 |
| 27.5° | 4707.9  | 4507.6  | 4028.7 | 3216.9 | 2320.1 | 2150.3 | 2271.0 | 2438.2 | 2560.2 | 2606.6 |
| 30°   | 4892.3  | 4686.7  | 4166.7 | 3190.3 | 2221.9 | 2097.3 | 2163.6 | 2293.6 | 2413.0 | 2459.4 |
| 32.5° | 5093.9  | 4885.6  | 4299.3 | 3126.6 | 2162.3 | 2057.5 | 2058.8 | 2141.0 | 2249.8 | 2305.5 |
| 35°   | 5345.9  | 5124.4  | 4441.2 | 2987.4 | 2114.5 | 2011.0 | 1956.6 | 1996.4 | 2086.6 | 2153.0 |
| 37.5° | 5705.4  | 5437.5  | 4615.0 | 2788.4 | 2044.2 | 1939.4 | 1849.2 | 1858.5 | 1927.5 | 2000.4 |
| 40°   | 6201.6  | 5858.0  | 4819.3 | 2581.4 | 1943.4 | 1838.6 | 1731.1 | 1727.2 | 1777.6 | 1849.2 |
| 42.5° | 6872.8  | 6413.8  | 5064.7 | 2383.8 | 1846.5 | 1716.5 | 1606.4 | 1599.8 | 1639.6 | 1701.9 |
| 45°   | 7758.9  | 7124.8  | 5365.8 | 2214.0 | 1770.9 | 1597.2 | 1488.4 | 1485.7 | 1518.9 | 1573.3 |
| 47.5° | 8893.1  | 8113.1  | 5667.0 | 2098.6 | 1731.1 | 1503.0 | 1391.5 | 1396.8 | 1426.0 | 1475.1 |
| 50°   | 10361.6 | 9401.2  | 5758.5 | 2040.2 | 1731.1 | 1452.6 | 1305.3 | 1331.8 | 1355.7 | 1392.9 |
| 52.5° | 12121.9 | 10637.5 | 5456.0 | 1987.2 | 1741.7 | 1459.2 | 1232.4 | 1289.4 | 1306.6 | 1338.5 |
| 55°   | 13753.5 | 11243.7 | 4690.6 | 1914.2 | 1744.4 | 1500.3 | 1170.0 | 1254.9 | 1286.7 | 1298.7 |
| 57.5° | 14700.7 | 11035.5 | 3792.6 | 1790.8 | 1733.8 | 1528.2 | 1130.2 | 1212.5 | 1273.5 | 1281.4 |
| 60°   | 14520.3 | 10304.5 | 2792.4 | 1696.6 | 1655.5 | 1517.6 | 1118.3 | 1147.5 | 1244.3 | 1256.2 |
| 62.5° | 13130.1 | 9078.8  | 1938.1 | 1623.7 | 1483.1 | 1471.1 | 1114.3 | 1045.3 | 1180.6 | 1209.8 |
| 65°   | 10553.9 | 7147.4  | 1369.0 | 1398.2 | 1300.0 | 1370.3 | 1093.1 | 939.2  | 1103.7 | 1143.5 |
| 67.5° | 7656.8  | 4836.6  | 988.3  | 1132.9 | 1178.0 | 1207.1 | 1045.3 | 862.2  | 1016.1 | 1069.2 |
| 70°   | 4913.5  | 2612.0  | 693.8  | 748.2  | 992.2  | 1025.4 | 963.1  | 793.3  | 927.2  | 988.3  |
| 72.5° | 3492.8  | 1542.8  | 498.8  | 524.0  | 797.2  | 854.3  | 847.7  | 716.3  | 823.8  | 898.1  |
| 75°   | 2410.3  | 850.3   | 336.9  | 374.1  | 578.4  | 693.8  | 654.0  | 615.5  | 697.8  | 773.4  |
| 77.5° | 1510.9  | 380.7   | 201.6  | 260.0  | 379.4  | 545.2  | 448.4  | 476.2  | 543.9  | 614.2  |
| 80°   | 841.0   | 147.2   | 112.8  | 172.4  | 206.9  | 396.6  | 248.1  | 306.4  | 400.6  | 451.0  |
| 82.5° | 183.1   | 18.6    | 50.4   | 74.3   | 80.9   | 230.8  | 131.3  | 177.8  | 252.0  | 248.1  |
| 85°   | 0.0     | 0.0     | 9.3    | 10.6   | 5.3    | 99.5   | 47.8   | 58.4   | 82.2   | 76.9   |
| 87.5° | 0.0     | 0.0     | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 2.7    |
| 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°   |
|--------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 2666.3 | 0°    | 2666.3 | 2666.3 | 2666.3 | 2666.3 | 2666.3 | 2666.3 | 2666.3 | 2666.3 | 2666.3 | 2666.3 |
| 2398.4 | 2.5°  | 2387.8 | 2322.8 | 2275.0 | 2251.1 | 2231.2 | 2249.8 | 2260.4 | 2260.4 | 2305.5 | 2332.1 |
| 2210.0 | 5°    | 2163.6 | 2046.8 | 1958.0 | 1898.3 | 1862.5 | 1874.4 | 1887.7 | 1902.3 | 1959.3 | 1997.8 |
| 2098.6 | 7.5°  | 2008.4 | 1829.3 | 1694.0 | 1610.4 | 1566.6 | 1573.3 | 1582.6 | 1594.5 | 1650.2 | 1688.7 |
| 2114.5 | 10°   | 1979.2 | 1721.8 | 1530.8 | 1420.7 | 1367.7 | 1358.4 | 1353.1 | 1349.1 | 1382.3 | 1411.4 |
| 2294.9 | 12.5° | 2098.6 | 1727.2 | 1460.5 | 1326.5 | 1261.5 | 1233.7 | 1201.8 | 1176.6 | 1181.9 | 1200.5 |
| 2568.2 | 15°   | 2312.2 | 1794.8 | 1438.0 | 1277.5 | 1196.5 | 1150.1 | 1113.0 | 1082.5 | 1075.8 | 1082.5 |
| 2807.0 | 17.5° | 2556.2 | 1886.3 | 1435.3 | 1235.0 | 1134.2 | 1086.4 | 1055.9 | 1028.1 | 1018.8 | 1020.1 |
| 2940.9 | 20°   | 2718.1 | 1959.3 | 1427.4 | 1187.3 | 1074.5 | 1032.0 | 1005.5 | 977.7  | 968.4  | 971.0  |
| 2903.8 | 22.5° | 2734.0 | 1997.8 | 1415.4 | 1134.2 | 1014.8 | 979.0  | 952.5  | 927.2  | 925.9  | 925.9  |
| 2764.5 | 25°   | 2647.8 | 1997.8 | 1390.2 | 1086.4 | 957.8  | 925.9  | 902.0  | 871.5  | 876.8  | 879.5  |
| 2606.6 | 27.5° | 2513.8 | 1950.0 | 1342.5 | 1048.0 | 908.7  | 875.5  | 851.6  | 823.8  | 830.4  | 834.4  |
| 2459.4 | 30°   | 2381.1 | 1889.0 | 1285.4 | 1004.2 | 862.2  | 823.8  | 806.5  | 782.7  | 785.3  | 790.6  |
| 2313.5 | 32.5° | 2257.8 | 1824.0 | 1217.8 | 968.4  | 815.8  | 777.4  | 764.1  | 737.6  | 741.5  | 746.8  |
| 2170.2 | 35°   | 2135.7 | 1752.4 | 1138.2 | 925.9  | 773.4  | 734.9  | 724.3  | 693.8  | 696.4  | 704.4  |
| 2026.9 | 37.5° | 2004.4 | 1676.7 | 1073.2 | 883.5  | 732.2  | 692.5  | 681.8  | 650.0  | 652.7  | 661.9  |
| 1878.4 | 40°   | 1866.4 | 1602.5 | 1009.5 | 838.4  | 688.5  | 648.7  | 639.4  | 604.9  | 607.6  | 618.2  |
| 1732.5 | 42.5° | 1727.2 | 1521.5 | 960.4  | 780.0  | 643.4  | 600.9  | 591.6  | 559.8  | 563.8  | 575.7  |
| 1605.1 | 45°   | 1598.5 | 1424.7 | 928.6  | 715.0  | 600.9  | 553.2  | 543.9  | 514.7  | 522.7  | 535.9  |
| 1497.7 | 47.5° | 1488.4 | 1325.2 | 915.3  | 660.6  | 555.8  | 504.1  | 496.1  | 472.2  | 485.5  | 500.1  |
| 1406.1 | 50°   | 1394.2 | 1229.7 | 898.1  | 604.9  | 513.4  | 461.6  | 453.7  | 437.8  | 455.0  | 469.6  |
| 1343.8 | 52.5° | 1326.5 | 1120.9 | 860.9  | 554.5  | 476.2  | 425.8  | 423.2  | 415.2  | 431.1  | 444.4  |
| 1297.4 | 55°   | 1268.2 | 1008.2 | 801.2  | 510.7  | 443.1  | 395.3  | 398.0  | 394.0  | 407.2  | 417.9  |
| 1269.5 | 57.5° | 1215.1 | 910.0  | 725.6  | 476.2  | 407.2  | 368.8  | 376.7  | 371.4  | 378.1  | 384.7  |
| 1240.3 | 60°   | 1151.4 | 810.5  | 635.4  | 437.8  | 364.8  | 342.2  | 351.5  | 336.9  | 335.6  | 338.3  |
| 1187.3 | 62.5° | 1057.3 | 676.5  | 541.2  | 390.0  | 327.7  | 313.1  | 317.0  | 289.2  | 268.0  | 268.0  |
| 1109.0 | 65°   | 925.9  | 543.9  | 453.7  | 336.9  | 285.2  | 273.3  | 270.6  | 230.8  | 201.6  | 199.0  |
| 1024.1 | 67.5° | 773.4  | 447.0  | 376.7  | 283.9  | 237.5  | 229.5  | 232.1  | 203.0  | 173.8  | 171.1  |
| 939.2  | 70°   | 630.1  | 370.1  | 303.8  | 226.8  | 183.1  | 191.0  | 203.0  | 173.8  | 145.9  | 141.9  |
| 839.7  | 72.5° | 512.0  | 294.5  | 237.5  | 173.8  | 135.3  | 157.9  | 172.4  | 141.9  | 115.4  | 112.8  |
| 716.3  | 75°   | 395.3  | 216.2  | 169.8  | 118.1  | 98.2   | 122.0  | 135.3  | 103.5  | 82.2   | 78.3   |
| 554.5  | 77.5° | 264.0  | 134.0  | 95.5   | 74.3   | 58.4   | 83.6   | 90.2   | 54.4   | 47.8   | 46.4   |
| 403.3  | 80°   | 160.5  | 62.3   | 41.1   | 35.8   | 19.9   | 30.5   | 35.8   | 22.6   | 25.2   | 26.5   |
| 214.9  | 82.5° | 80.9   | 17.2   | 6.6    | 1.3    | 0.0    | 0.0    | 10.6   | 5.3    | 10.6   | 13.3   |
| 58.4   | 85°   | 6.6    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 2.7    | 6.6    |
| 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°    |
|--------|-------|--------|--------|--------|--------|--------|--------|--------|--------|---------|---------|
| 2666.3 | 0°    | 2666.3 | 2666.3 | 2666.3 | 2666.3 | 2666.3 | 2666.3 | 2666.3 | 2666.3 | 2666.3  | 2666.3  |
| 2342.7 | 2.5°  | 2417.0 | 2472.7 | 2525.7 | 2610.6 | 2698.2 | 2784.4 | 2872.0 | 2956.9 | 2987.4  | 3009.9  |
| 2023.0 | 5°    | 2138.4 | 2243.2 | 2365.2 | 2533.7 | 2714.1 | 2899.8 | 3088.2 | 3260.6 | 3338.9  | 3392.0  |
| 1721.8 | 7.5°  | 1850.5 | 1987.2 | 2162.3 | 2415.6 | 2698.2 | 2994.0 | 3289.8 | 3561.8 | 3687.8  | 3789.9  |
| 1438.0 | 10°   | 1565.3 | 1713.9 | 1935.4 | 2224.6 | 2606.6 | 3031.1 | 3439.7 | 3813.8 | 3977.0  | 4105.6  |
| 1233.7 | 12.5° | 1314.6 | 1453.9 | 1686.0 | 2005.7 | 2463.4 | 3002.0 | 3525.9 | 3975.6 | 4168.0  | 4312.6  |
| 1087.8 | 15°   | 1138.2 | 1236.3 | 1441.9 | 1786.8 | 2293.6 | 2907.8 | 3531.2 | 4052.6 | 4263.5  | 4414.7  |
| 1026.7 | 17.5° | 1040.0 | 1073.2 | 1207.1 | 1564.0 | 2105.2 | 2784.4 | 3482.2 | 4079.1 | 4304.6  | 4445.2  |
| 972.4  | 20°   | 986.9  | 992.2  | 1029.4 | 1274.8 | 1863.8 | 2669.0 | 3435.7 | 4105.6 | 4343.1  | 4461.1  |
| 933.9  | 22.5° | 944.5  | 944.5  | 953.8  | 1042.7 | 1552.0 | 2531.0 | 3421.1 | 4152.1 | 4396.1  | 4469.1  |
| 890.1  | 25°   | 906.0  | 906.0  | 908.7  | 932.6  | 1229.7 | 2320.1 | 3411.9 | 4223.7 | 4469.1  | 4489.0  |
| 846.3  | 27.5° | 866.2  | 867.6  | 867.6  | 880.8  | 990.9  | 2033.6 | 3372.1 | 4316.6 | 4556.7  | 4515.5  |
| 803.9  | 30°   | 826.4  | 829.1  | 829.1  | 838.4  | 876.8  | 1698.0 | 3293.8 | 4428.0 | 4670.7  | 4550.0  |
| 761.4  | 32.5° | 786.6  | 789.3  | 789.3  | 797.2  | 825.1  | 1355.7 | 3195.6 | 4530.1 | 4786.1  | 4564.6  |
| 720.3  | 35°   | 745.5  | 749.5  | 746.8  | 757.5  | 786.6  | 1078.5 | 3070.9 | 4632.3 | 4910.8  | 4611.0  |
| 680.5  | 37.5° | 704.4  | 707.0  | 705.7  | 716.3  | 749.5  | 931.2  | 2926.3 | 4709.2 | 5080.6  | 4714.5  |
| 638.1  | 40°   | 663.3  | 661.9  | 661.9  | 673.9  | 709.7  | 888.8  | 2744.6 | 4831.2 | 5324.7  | 4896.2  |
| 595.6  | 42.5° | 620.8  | 620.8  | 618.2  | 631.4  | 675.2  | 856.9  | 2570.8 | 5050.1 | 5680.2  | 5185.4  |
| 555.8  | 45°   | 582.3  | 581.0  | 575.7  | 587.7  | 642.0  | 801.2  | 2509.8 | 5458.7 | 6205.5  | 5653.7  |
| 516.0  | 47.5° | 545.2  | 543.9  | 530.6  | 541.2  | 602.2  | 750.8  | 2738.0 | 6127.3 | 6933.8  | 6342.2  |
| 484.2  | 50°   | 512.0  | 513.4  | 488.2  | 497.5  | 562.5  | 712.4  | 3232.8 | 6994.8 | 7900.9  | 7269.4  |
| 457.7  | 52.5° | 481.5  | 481.5  | 448.4  | 453.7  | 513.4  | 677.9  | 3703.7 | 7935.3 | 9177.0  | 8562.8  |
| 429.8  | 55°   | 451.0  | 448.4  | 411.2  | 413.9  | 464.3  | 628.8  | 3774.0 | 8853.3 | 10917.4 | 10508.8 |
| 399.3  | 57.5° | 416.5  | 411.2  | 376.7  | 376.7  | 419.2  | 593.0  | 3271.2 | 9559.0 | 13077.0 | 13368.8 |
| 342.2  | 60°   | 374.1  | 370.1  | 347.6  | 340.9  | 383.4  | 624.8  | 2308.2 | 9641.3 | 14469.9 | 17172.0 |
| 271.9  | 62.5° | 319.7  | 325.0  | 313.1  | 303.8  | 348.9  | 648.7  | 1367.7 | 8979.3 | 14132.9 | 18381.8 |
| 210.9  | 65°   | 252.0  | 273.3  | 270.6  | 264.0  | 383.4  | 546.5  | 807.9  | 7708.5 | 13099.6 | 17405.5 |
| 184.4  | 67.5° | 214.9  | 229.5  | 225.5  | 225.5  | 401.9  | 415.2  | 508.1  | 6022.5 | 11677.5 | 16247.4 |
| 153.9  | 70°   | 183.1  | 197.7  | 183.1  | 183.1  | 303.8  | 252.0  | 351.5  | 4205.1 | 10142.7 | 14966.0 |
| 123.4  | 72.5° | 151.2  | 165.8  | 149.9  | 139.3  | 242.8  | 188.4  | 257.3  | 2627.9 | 8686.2  | 13631.5 |
| 87.6   | 75°   | 115.4  | 132.7  | 120.7  | 107.4  | 160.5  | 140.6  | 195.0  | 1526.8 | 7196.5  | 11662.9 |
| 53.1   | 77.5° | 73.0   | 95.5   | 90.2   | 75.6   | 118.1  | 102.1  | 140.6  | 908.7  | 5552.9  | 9113.3  |
| 31.8   | 80°   | 45.1   | 49.1   | 50.4   | 47.8   | 67.7   | 69.0   | 95.5   | 517.3  | 3800.5  | 6351.5  |
| 19.9   | 82.5° | 29.2   | 29.2   | 22.6   | 25.2   | 33.2   | 39.8   | 54.4   | 195.0  | 2233.9  | 3866.9  |
| 11.9   | 85°   | 21.2   | 18.6   | 11.9   | 11.9   | 15.9   | 19.9   | 21.2   | 59.7   | 906.0   | 1526.8  |
| 5.3    | 87.5° | 10.6   | 9.3    | 4.0    | 5.3    | 8.0    | 6.6    | 5.3    | 2.7    | 228.2   | 488.2   |
| 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°    |
|---------|-------|---------|---------|---------|---------|---------|---------|---------|---------|
| 2666.3  | 0°    | 2666.3  | 2666.3  | 2666.3  | 2666.3  | 2666.3  | 2666.3  | 2666.3  | 2666.3  |
| 3060.3  | 2.5°  | 3086.9  | 3128.0  | 3130.6  | 3130.6  | 3094.8  | 3093.5  | 3020.5  | 3012.6  |
| 3511.3  | 5°    | 3634.7  | 3661.2  | 3667.9  | 3654.6  | 3583.0  | 3529.9  | 3388.0  | 3357.5  |
| 3971.7  | 7.5°  | 4136.1  | 4189.2  | 4189.2  | 4157.4  | 4040.6  | 3931.9  | 3726.2  | 3649.3  |
| 4352.4  | 10°   | 4536.8  | 4597.8  | 4584.5  | 4519.5  | 4372.3  | 4222.4  | 3973.0  | 3872.2  |
| 4583.2  | 12.5° | 4731.8  | 4794.1  | 4759.6  | 4685.3  | 4542.1  | 4384.2  | 4121.6  | 4007.5  |
| 4649.5  | 15°   | 4727.8  | 4710.5  | 4674.7  | 4665.4  | 4596.5  | 4477.1  | 4231.7  | 4107.0  |
| 4608.4  | 17.5° | 4559.3  | 4413.4  | 4385.5  | 4478.4  | 4565.9  | 4536.8  | 4327.2  | 4210.4  |
| 4510.2  | 20°   | 4292.7  | 4038.0  | 4012.8  | 4190.5  | 4439.9  | 4567.3  | 4416.0  | 4308.6  |
| 4368.3  | 22.5° | 4011.4  | 3736.9  | 3678.5  | 3874.8  | 4250.2  | 4576.6  | 4528.8  | 4421.3  |
| 4211.8  | 25°   | 3744.8  | 3468.9  | 3410.5  | 3593.6  | 4039.3  | 4560.6  | 4650.8  | 4559.3  |
| 4061.9  | 27.5° | 3522.0  | 3255.3  | 3200.9  | 3384.0  | 3836.3  | 4515.5  | 4772.9  | 4707.9  |
| 3913.3  | 30°   | 3349.5  | 3102.8  | 3063.0  | 3239.4  | 3661.2  | 4459.8  | 4928.1  | 4892.3  |
| 3775.3  | 32.5° | 3248.7  | 3068.3  | 3082.9  | 3227.5  | 3567.1  | 4398.8  | 5076.7  | 5093.9  |
| 3707.7  | 35°   | 3348.2  | 3356.1  | 3483.5  | 3543.2  | 3654.6  | 4389.5  | 5278.3  | 5345.9  |
| 3788.6  | 37.5° | 3843.0  | 4118.9  | 4382.9  | 4333.8  | 4083.1  | 4497.0  | 5579.4  | 5705.4  |
| 4141.4  | 40°   | 4685.3  | 5251.8  | 5680.2  | 5493.2  | 4861.8  | 4825.9  | 6013.2  | 6201.6  |
| 4767.6  | 42.5° | 5714.7  | 6675.1  | 7380.9  | 6879.4  | 5865.9  | 5401.7  | 6632.7  | 6872.8  |
| 5525.0  | 45°   | 6801.2  | 8430.1  | 9541.8  | 8499.1  | 6936.5  | 6208.2  | 7570.5  | 7758.9  |
| 6234.7  | 47.5° | 7946.0  | 10563.2 | 12001.2 | 10295.3 | 7928.7  | 7126.2  | 8849.3  | 8893.1  |
| 6907.3  | 50°   | 9198.2  | 12901.9 | 14508.3 | 12090.1 | 8886.5  | 8178.1  | 10412.0 | 10361.6 |
| 7691.3  | 52.5° | 10390.8 | 15306.9 | 16962.4 | 13892.8 | 9727.5  | 9483.4  | 12225.4 | 12121.9 |
| 8763.1  | 55°   | 11528.9 | 17710.6 | 19431.1 | 15625.3 | 10520.8 | 11207.9 | 14379.7 | 13753.5 |
| 10308.5 | 57.5° | 12848.8 | 19871.5 | 21975.4 | 17365.7 | 11629.8 | 13447.1 | 16788.7 | 14700.7 |
| 13268.0 | 60°   | 14800.2 | 22326.9 | 24852.7 | 19750.8 | 13738.9 | 15800.4 | 17652.2 | 14520.3 |
| 16812.5 | 62.5° | 17291.4 | 24584.7 | 26944.6 | 22088.2 | 15857.4 | 16243.4 | 16380.1 | 13130.1 |
| 16089.6 | 65°   | 17775.6 | 25156.5 | 27062.7 | 22713.0 | 15584.2 | 13778.7 | 13372.8 | 10553.9 |
| 14371.7 | 67.5° | 16491.5 | 24123.1 | 25412.5 | 21549.6 | 13785.4 | 10648.1 | 10035.3 | 7656.8  |
| 13244.1 | 70°   | 15050.9 | 22153.2 | 22536.5 | 19571.7 | 12124.6 | 7831.9  | 6777.3  | 4913.5  |
| 12472.1 | 72.5° | 13574.5 | 19525.3 | 18732.0 | 16996.9 | 10656.1 | 5702.8  | 4888.3  | 3492.8  |
| 11372.4 | 75°   | 11820.8 | 16069.7 | 14755.1 | 14122.3 | 8822.8  | 4475.7  | 3536.5  | 2410.3  |
| 9781.9  | 77.5° | 9466.2  | 11311.4 | 10959.9 | 10946.6 | 6630.0  | 3269.9  | 2359.9  | 1510.9  |
| 7642.2  | 80°   | 6677.8  | 7341.1  | 7162.0  | 8244.4  | 4447.9  | 2371.8  | 1420.7  | 841.0   |
| 5319.4  | 82.5° | 3232.8  | 4059.2  | 4166.7  | 4909.5  | 2163.6  | 1395.5  | 327.7   | 183.1   |
| 2080.0  | 85°   | 1265.5  | 1958.0  | 1651.5  | 1863.8  | 607.6   | 388.7   | 8.0     | 0.0     |
| 342.2   | 87.5° | 141.9   | 226.8   | 208.3   | 164.5   | 74.3    | 15.9    | 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)