

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: P945825

Luminaire Tested: **GLAN-SB1C-930-U-SL3**

Issue Date: 1/21/2025

**Test Information**

Test Method: LM-79-08  
Report Number: P945825  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2411-289-12)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/21/2025  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: GLAN-SB1C-930-U-SL3  
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE  
(1) 90 CRI, 3000K, 615mA LIGHTSQUARE WITH 26 LEDS AND TYPE III SPILL  
LIGHT ELIMINATOR OPTICS  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 5093 lumens  
Efficiency: N/A  
Efficacy: 93.6 lumens/watt  
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')  
IES Classification: Type IV - Medium  
BUG Rating: B1 - U0 - G2

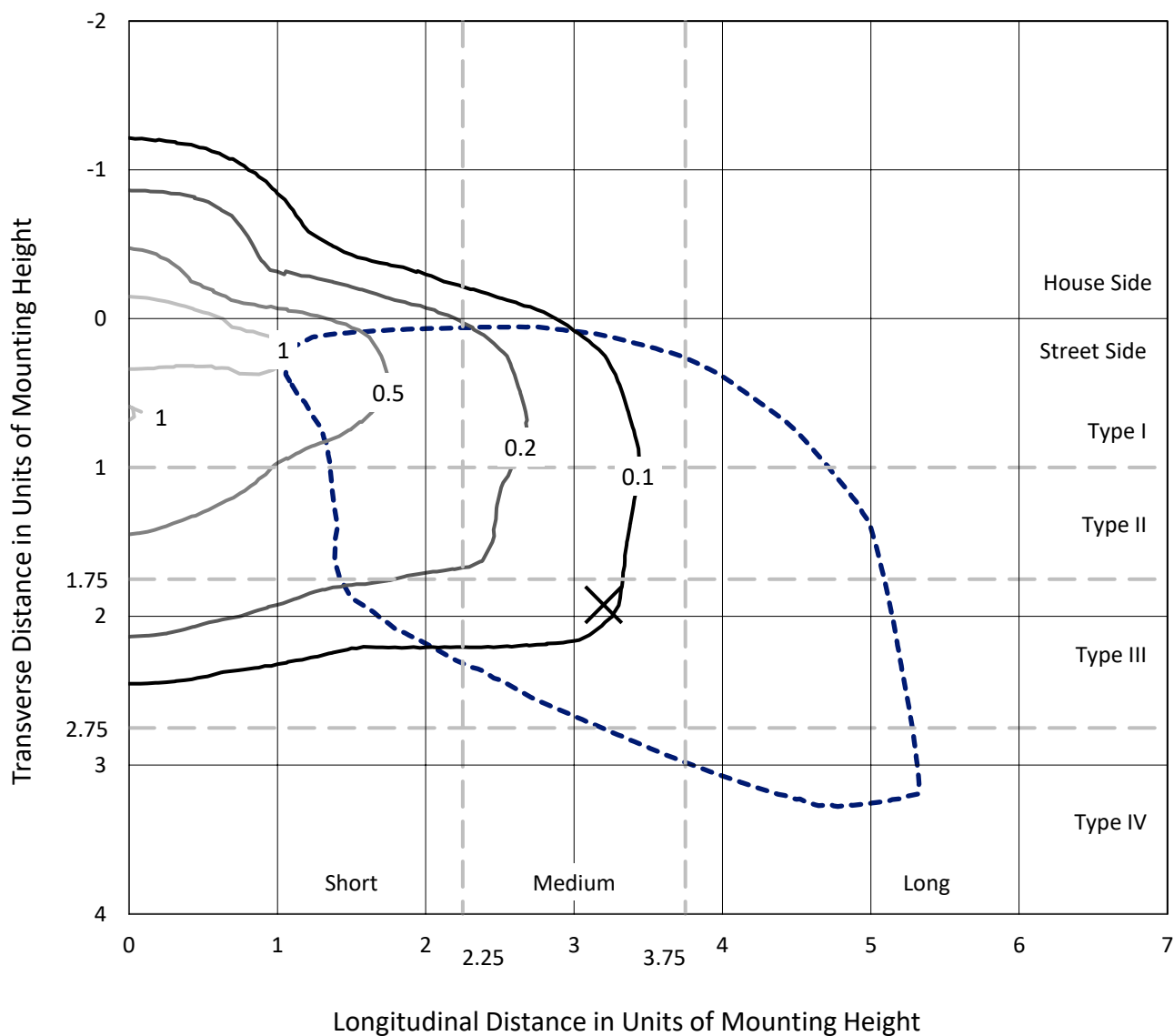
Input Watts (W): 54.4  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT



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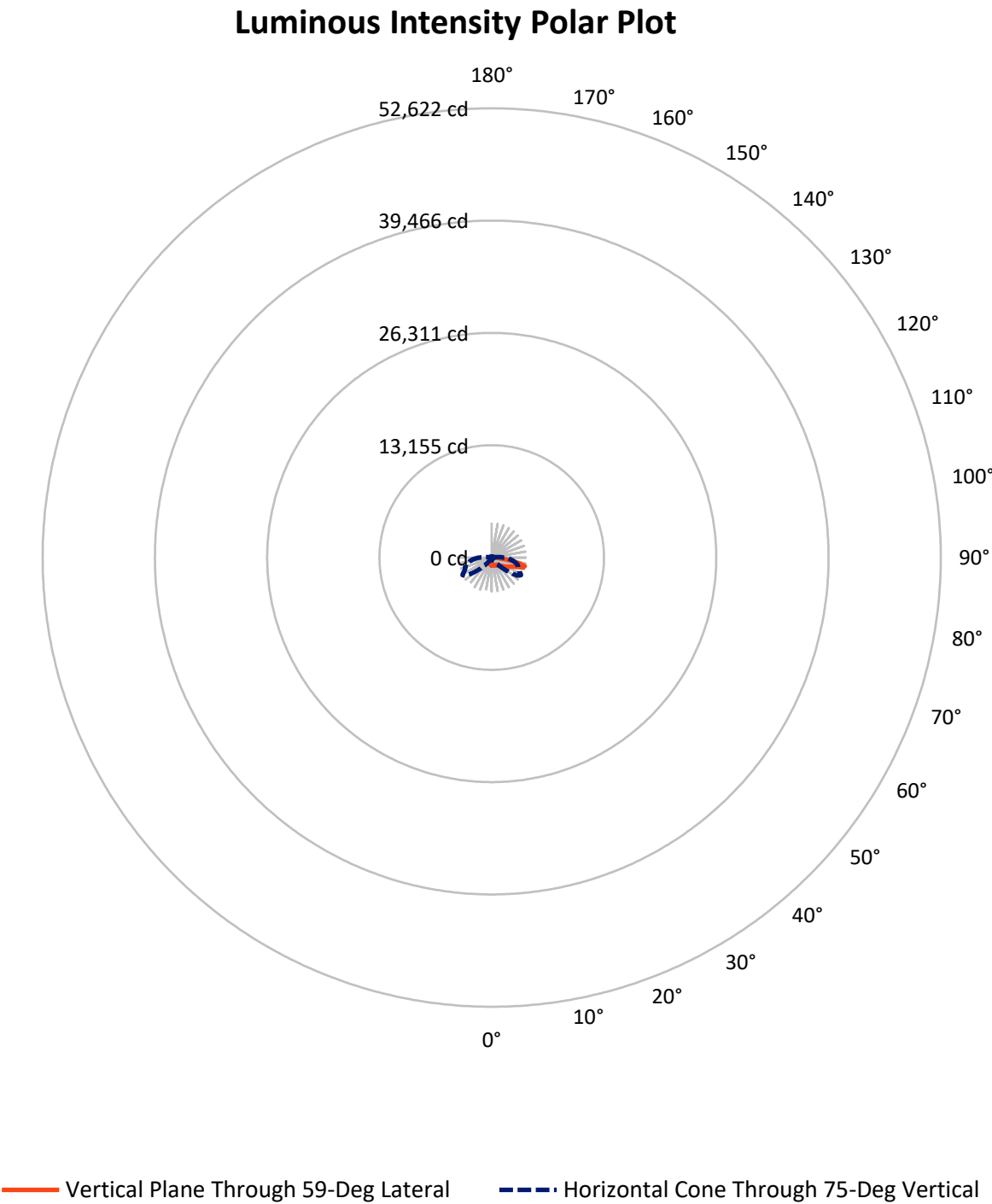
## Iso-Footcandle Lines of Horizontal Illumination

× Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 1.5 fc  
 Type IV - Medium - N/A

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**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total  |
|--------------------|-----------|----------|--------|--------|
| <b>House Side</b>  | Lumens    | 955.2    | 0.0    | 955.2  |
|                    | % Fixture | 18.8     | 0.0    | 18.8   |
| <b>Street Side</b> | Lumens    | 4137.8   | 0.0    | 4137.8 |
|                    | % Fixture | 81.2     | 0.0    | 81.2   |
| <b>Total</b>       | Lumens    | 5093.0   | 0.0    | 5093.0 |
|                    | % Fixture | 100.0    | 0.0    | 100.0  |

**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 83.8   | 1.6       |
| 10°-20°   | 214.3  | 4.2       |
| 20°-30°   | 325.4  | 6.4       |
| 30°-40°   | 483.7  | 9.5       |
| 40°-50°   | 719.4  | 14.1      |
| 50°-60°   | 976.5  | 19.2      |
| 60°-70°   | 1192.2 | 23.4      |
| 70°-80°   | 935.6  | 18.4      |
| 80°-90°   | 162.1  | 3.2       |
| 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°    | 5093.0 | 100.0     |
| 0°-180°   | 5093.0 | 100.0     |

**Coefficient of Utilization**



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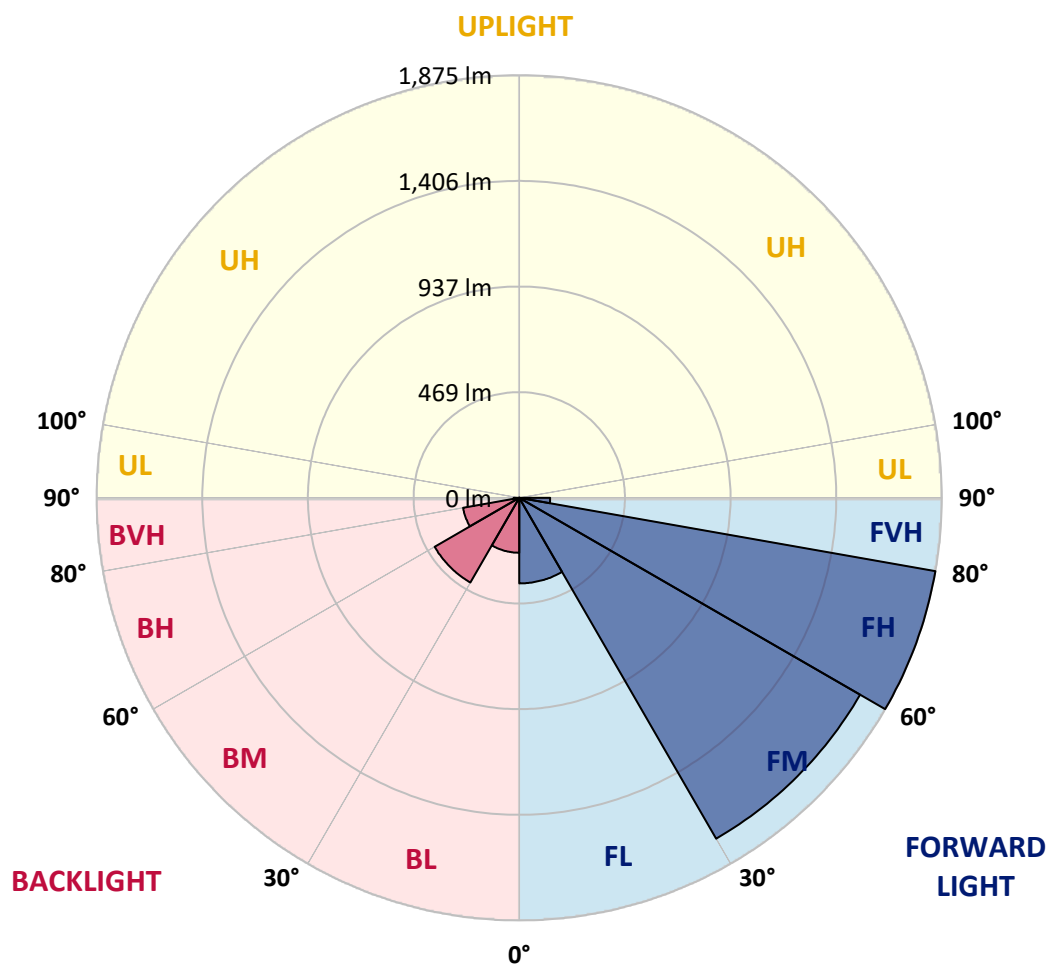
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

| Zone |             | Lumens | % Fixture | Zone Rating/Lumen Limit |      |         |
|------|-------------|--------|-----------|-------------------------|------|---------|
|      |             |        |           | B                       | U    | G       |
| FL   | (0°-30°)    | 379.7  | 7.5       |                         |      |         |
| FM   | (30°-60°)   | 1746.1 | 34.3      |                         |      |         |
| FH   | (60°-80°)   | 1874.7 | 36.8      |                         |      | G2/5000 |
| FVH  | (80°-90°)   | 137.3  | 2.7       |                         |      | G2/225  |
| BL   | (0°-30°)    | 243.8  | 4.8       | B1/500                  |      |         |
| BM   | (30°-60°)   | 433.6  | 8.5       | B1/1000                 |      |         |
| BH   | (60°-80°)   | 253.1  | 5.0       | B1/500                  |      | G1/500  |
| BVH  | (80°-90°)   | 24.8   | 0.5       |                         |      | G1/100  |
| UL   | (90°-100°)  | 0.0    | 0.0       |                         | U0/0 |         |
| UH   | (100°-180°) | 0.0    | 0.0       |                         | U0/0 |         |

**BUG Rating: B1-U0-G2**

Type IV Medium



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**CANDELA DISTRIBUTION (FULL):**

|       | 0°     | 5°     | 15°    | 25°    | 35°    | 45°    | 55°    | 59°    | 65°    | 75°    |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 934.8  | 934.8  | 934.8  | 934.8  | 934.8  | 934.8  | 934.8  | 934.8  | 934.8  | 934.8  |
| 2.5°  | 942.8  | 939.5  | 942.8  | 941.4  | 940.8  | 939.7  | 940.0  | 941.9  | 940.8  | 942.2  |
| 5°    | 936.5  | 934.5  | 937.8  | 937.0  | 940.6  | 941.1  | 944.7  | 946.9  | 948.2  | 948.5  |
| 7.5°  | 926.0  | 924.1  | 928.8  | 932.6  | 940.3  | 942.5  | 949.9  | 953.4  | 955.4  | 958.6  |
| 10°   | 888.0  | 887.1  | 898.6  | 913.2  | 931.2  | 942.5  | 953.7  | 959.7  | 962.8  | 971.5  |
| 12.5° | 820.6  | 821.7  | 836.7  | 864.7  | 900.8  | 937.0  | 958.1  | 966.9  | 971.5  | 982.5  |
| 15°   | 756.2  | 755.9  | 772.3  | 802.2  | 852.9  | 912.9  | 960.3  | 975.4  | 983.3  | 999.5  |
| 17.5° | 718.9  | 717.8  | 729.3  | 752.1  | 799.2  | 875.9  | 954.8  | 980.0  | 997.0  | 1017.3 |
| 20°   | 712.1  | 709.9  | 715.9  | 727.1  | 760.6  | 835.4  | 940.6  | 980.0  | 1008.0 | 1034.3 |
| 22.5° | 737.0  | 733.4  | 731.0  | 729.6  | 744.4  | 801.9  | 924.4  | 976.7  | 1024.1 | 1058.6 |
| 25°   | 787.1  | 781.7  | 769.1  | 756.7  | 752.3  | 786.9  | 910.2  | 975.9  | 1048.2 | 1091.5 |
| 27.5° | 868.2  | 861.4  | 835.9  | 806.3  | 779.7  | 794.5  | 903.8  | 980.8  | 1074.8 | 1126.3 |
| 30°   | 968.8  | 961.4  | 929.3  | 883.8  | 836.2  | 823.0  | 911.8  | 995.4  | 1108.8 | 1172.6 |
| 32.5° | 1058.9 | 1050.7 | 1023.3 | 977.0  | 912.6  | 872.3  | 937.0  | 1023.0 | 1162.2 | 1237.0 |
| 35°   | 1138.9 | 1129.3 | 1104.7 | 1061.9 | 1006.3 | 941.7  | 982.5  | 1072.1 | 1238.1 | 1341.7 |
| 37.5° | 1217.3 | 1206.0 | 1179.2 | 1134.0 | 1095.1 | 1034.0 | 1045.2 | 1135.1 | 1338.9 | 1468.8 |
| 40°   | 1305.0 | 1288.8 | 1256.2 | 1211.5 | 1173.7 | 1142.2 | 1127.7 | 1212.3 | 1441.4 | 1610.7 |
| 42.5° | 1389.9 | 1374.5 | 1335.6 | 1297.6 | 1250.2 | 1241.1 | 1223.3 | 1302.8 | 1553.4 | 1766.6 |
| 45°   | 1481.4 | 1463.0 | 1415.9 | 1367.7 | 1337.8 | 1306.9 | 1315.9 | 1393.2 | 1663.3 | 1925.5 |
| 47.5° | 1567.1 | 1546.6 | 1491.0 | 1437.3 | 1420.8 | 1362.2 | 1400.8 | 1492.6 | 1777.6 | 2086.6 |
| 50°   | 1613.4 | 1593.2 | 1546.9 | 1498.4 | 1485.5 | 1430.4 | 1492.9 | 1601.9 | 1897.3 | 2247.2 |
| 52.5° | 1652.1 | 1630.2 | 1569.6 | 1542.8 | 1538.9 | 1504.7 | 1606.3 | 1726.9 | 2017.0 | 2389.1 |
| 55°   | 1693.2 | 1668.8 | 1591.5 | 1567.4 | 1585.0 | 1588.0 | 1740.8 | 1868.5 | 2143.6 | 2527.4 |
| 57.5° | 1740.6 | 1709.6 | 1612.6 | 1588.2 | 1629.9 | 1685.5 | 1895.4 | 2015.4 | 2268.0 | 2655.7 |
| 60°   | 1785.2 | 1754.0 | 1653.2 | 1621.4 | 1678.4 | 1798.7 | 2072.6 | 2193.2 | 2408.8 | 2769.9 |
| 62.5° | 1794.0 | 1768.2 | 1685.5 | 1685.2 | 1744.1 | 1930.7 | 2282.5 | 2372.6 | 2531.8 | 2882.8 |
| 65°   | 1642.2 | 1626.1 | 1577.0 | 1682.8 | 1838.4 | 2120.9 | 2516.2 | 2602.2 | 2688.3 | 2981.4 |
| 67.5° | 1249.9 | 1252.1 | 1248.5 | 1452.6 | 1762.2 | 2394.0 | 2854.6 | 2848.0 | 2881.4 | 3092.1 |
| 70°   | 571.5  | 584.4  | 668.2  | 1002.8 | 1411.8 | 2425.5 | 3414.0 | 3328.8 | 3123.9 | 3235.4 |
| 72.5° | 308.8  | 318.6  | 352.9  | 485.8  | 848.8  | 2156.5 | 3832.1 | 3892.7 | 3446.4 | 3331.8 |
| 75°   | 226.6  | 232.1  | 255.9  | 308.8  | 356.4  | 1602.8 | 3682.2 | 3992.9 | 3486.6 | 3106.9 |
| 77.5° | 169.6  | 172.1  | 191.5  | 244.7  | 182.5  | 844.9  | 2942.2 | 3306.9 | 2984.7 | 2552.6 |
| 80°   | 123.0  | 125.8  | 140.3  | 183.6  | 127.9  | 309.0  | 2020.3 | 2321.1 | 2044.1 | 1627.1 |
| 82.5° | 84.9   | 86.0   | 92.3   | 124.9  | 89.3   | 120.0  | 1146.3 | 1361.1 | 1141.1 | 571.0  |
| 85°   | 51.2   | 52.6   | 55.3   | 72.9   | 50.7   | 57.0   | 494.8  | 511.8  | 341.1  | 136.4  |
| 87.5° | 21.1   | 22.5   | 24.7   | 30.7   | 20.0   | 15.9   | 81.6   | 102.5  | 63.8   | 40.0   |
| 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):**

| 85°    |       | 90°    | 95°   | 105°  | 115°  | 125°  | 135°  | 145°  | 155°  | 165°  | 175°  |
|--------|-------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 934.8  | 0°    | 934.8  | 934.8 | 934.8 | 934.8 | 934.8 | 934.8 | 934.8 | 934.8 | 934.8 | 934.8 |
| 937.5  | 2.5°  | 936.2  | 934.3 | 929.1 | 921.9 | 915.4 | 907.1 | 903.6 | 900.6 | 897.8 | 892.6 |
| 944.9  | 5°    | 941.9  | 936.7 | 922.8 | 904.7 | 884.1 | 861.7 | 839.7 | 824.7 | 811.8 | 802.2 |
| 953.4  | 7.5°  | 950.7  | 940.8 | 915.4 | 878.4 | 831.2 | 783.0 | 739.5 | 708.5 | 685.2 | 676.7 |
| 965.5  | 10°   | 959.7  | 948.0 | 903.6 | 838.4 | 757.0 | 682.8 | 624.9 | 593.2 | 574.5 | 568.5 |
| 979.7  | 12.5° | 970.4  | 953.2 | 885.2 | 782.8 | 674.0 | 592.6 | 542.2 | 523.6 | 514.0 | 510.7 |
| 997.3  | 15°   | 986.0  | 957.5 | 857.5 | 713.2 | 594.8 | 526.9 | 494.3 | 481.4 | 476.4 | 476.2 |
| 1015.4 | 17.5° | 997.8  | 958.4 | 814.5 | 638.6 | 534.0 | 487.1 | 460.3 | 455.3 | 458.6 | 463.6 |
| 1033.2 | 20°   | 1011.0 | 951.0 | 758.1 | 570.7 | 491.2 | 452.3 | 441.1 | 444.4 | 452.3 | 459.5 |
| 1056.7 | 22.5° | 1020.3 | 937.5 | 689.9 | 517.8 | 454.3 | 432.3 | 431.8 | 438.6 | 443.0 | 446.6 |
| 1084.4 | 25°   | 1028.5 | 914.8 | 617.5 | 473.4 | 423.8 | 420.3 | 426.3 | 424.1 | 421.1 | 424.1 |
| 1112.1 | 27.5° | 1034.5 | 878.9 | 552.9 | 434.5 | 402.5 | 412.1 | 408.5 | 403.6 | 403.3 | 404.9 |
| 1144.7 | 30°   | 1032.6 | 831.0 | 499.7 | 397.5 | 387.4 | 396.7 | 388.2 | 387.4 | 386.6 | 387.4 |
| 1193.7 | 32.5° | 1032.6 | 776.5 | 458.9 | 372.1 | 377.8 | 374.3 | 373.4 | 371.5 | 368.2 | 368.0 |
| 1260.3 | 35°   | 1038.4 | 721.9 | 423.8 | 358.4 | 369.9 | 361.4 | 361.9 | 357.3 | 350.4 | 347.1 |
| 1348.5 | 37.5° | 1050.2 | 678.1 | 389.0 | 351.8 | 355.9 | 355.6 | 353.4 | 345.5 | 333.4 | 323.0 |
| 1458.7 | 40°   | 1078.6 | 665.2 | 365.2 | 348.8 | 349.3 | 352.6 | 346.9 | 331.5 | 304.1 | 287.1 |
| 1570.4 | 42.5° | 1123.3 | 686.9 | 360.0 | 341.4 | 344.9 | 348.2 | 337.0 | 301.4 | 281.9 | 271.8 |
| 1687.7 | 45°   | 1180.0 | 724.7 | 371.2 | 330.7 | 334.5 | 340.3 | 306.9 | 289.9 | 281.1 | 281.4 |
| 1803.9 | 47.5° | 1251.8 | 764.4 | 392.1 | 321.4 | 319.5 | 322.7 | 286.9 | 276.4 | 264.4 | 267.4 |
| 1915.4 | 50°   | 1334.8 | 804.7 | 411.8 | 308.8 | 302.7 | 292.1 | 274.0 | 264.1 | 248.8 | 241.6 |
| 2023.0 | 52.5° | 1424.7 | 843.6 | 419.7 | 293.4 | 284.7 | 272.3 | 265.2 | 253.2 | 234.5 | 222.7 |
| 2124.7 | 55°   | 1509.9 | 878.9 | 411.0 | 275.1 | 266.6 | 257.0 | 255.9 | 248.5 | 228.5 | 212.1 |
| 2215.1 | 57.5° | 1590.4 | 908.5 | 389.0 | 256.4 | 248.2 | 242.5 | 249.9 | 246.3 | 221.1 | 200.0 |
| 2300.6 | 60°   | 1658.7 | 928.8 | 357.3 | 237.5 | 231.8 | 228.8 | 240.0 | 238.9 | 210.7 | 187.1 |
| 2377.3 | 62.5° | 1712.9 | 936.7 | 322.2 | 219.5 | 218.1 | 212.6 | 226.3 | 226.3 | 197.5 | 174.5 |
| 2444.7 | 65°   | 1755.4 | 929.1 | 286.6 | 201.6 | 204.4 | 196.2 | 209.6 | 207.9 | 183.6 | 163.3 |
| 2522.2 | 67.5° | 1792.9 | 903.8 | 247.1 | 184.1 | 190.4 | 180.0 | 192.1 | 188.2 | 168.2 | 152.1 |
| 2589.4 | 70°   | 1809.6 | 845.2 | 202.2 | 166.6 | 174.2 | 164.1 | 174.5 | 167.4 | 151.0 | 140.0 |
| 2515.7 | 72.5° | 1675.4 | 702.5 | 159.2 | 148.2 | 154.8 | 146.6 | 155.6 | 147.4 | 132.3 | 127.4 |
| 2172.4 | 75°   | 1386.0 | 527.1 | 122.5 | 128.2 | 133.2 | 126.9 | 132.9 | 126.9 | 113.2 | 116.7 |
| 1604.7 | 77.5° | 1006.6 | 355.9 | 93.7  | 107.1 | 109.3 | 106.0 | 111.2 | 104.4 | 92.1  | 91.2  |
| 799.7  | 80°   | 500.6  | 208.5 | 73.4  | 84.7  | 83.8  | 81.6  | 87.7  | 84.4  | 74.0  | 78.4  |
| 215.9  | 82.5° | 144.9  | 89.3  | 53.4  | 59.5  | 57.8  | 58.4  | 62.7  | 64.4  | 96.4  | 95.6  |
| 67.1   | 85°   | 45.5   | 35.1  | 32.1  | 33.2  | 31.5  | 32.3  | 37.0  | 73.4  | 67.9  | 39.7  |
| 20.8   | 87.5° | 11.8   | 12.1  | 7.9   | 8.5   | 8.8   | 10.4  | 11.8  | 44.7  | 21.4  | 14.0  |
| 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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| 180°  |
|-------|
| 934.8 |
| 890.2 |
| 794.3 |
| 661.9 |
| 559.2 |
| 511.5 |
| 477.3 |
| 465.5 |
| 461.9 |
| 448.5 |
| 426.0 |
| 407.7 |
| 390.4 |
| 371.5 |
| 350.4 |
| 326.6 |
| 289.3 |
| 271.8 |
| 282.7 |
| 275.1 |
| 243.6 |
| 222.5 |
| 212.1 |
| 198.9 |
| 186.3 |
| 173.7 |
| 162.2 |
| 151.0 |
| 137.8 |
| 123.3 |
| 106.6 |
| 87.1  |
| 77.5  |
| 97.8  |
| 43.0  |
| 14.8  |
| 0.0   |