

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: P949461

Luminaire Tested: **GLAN-SB4A-950-U-SLR-HSS**

Issue Date: 1/21/2025

### Test Information

Test Method: LM-79-08  
Report Number: P949461  
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-SB4A-950-U-SLR-HSS  
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE  
(4) 90 CRI, 5000K, 350mA LIGHTSQUARES WITH 26 LEDS EACH AND SPILL LIGHT  
ELIMINATOR RIGHT OPTICS WITH HOUSE SIDE SHIELD  
Light Source: -  
Ballast/Driver: -

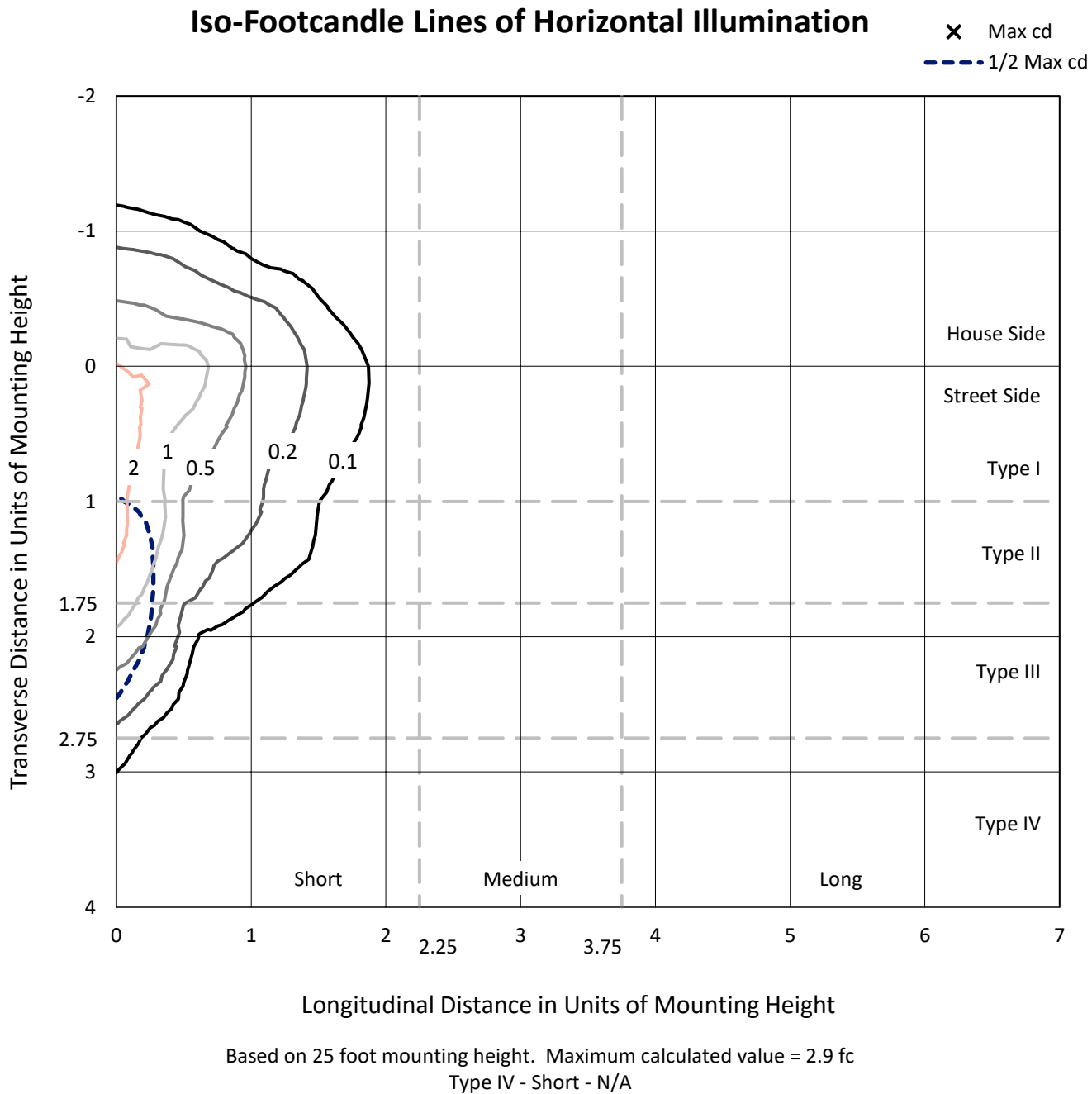
### Summary

Lumens per Lamp: N/A  
Luminaire Lumens: 9545 lumens  
Efficiency: N/A  
Efficacy: 83.7 lumens/watt  
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')  
IES Classification: Type IV - Short  
BUG Rating: B1 - U0 - G3

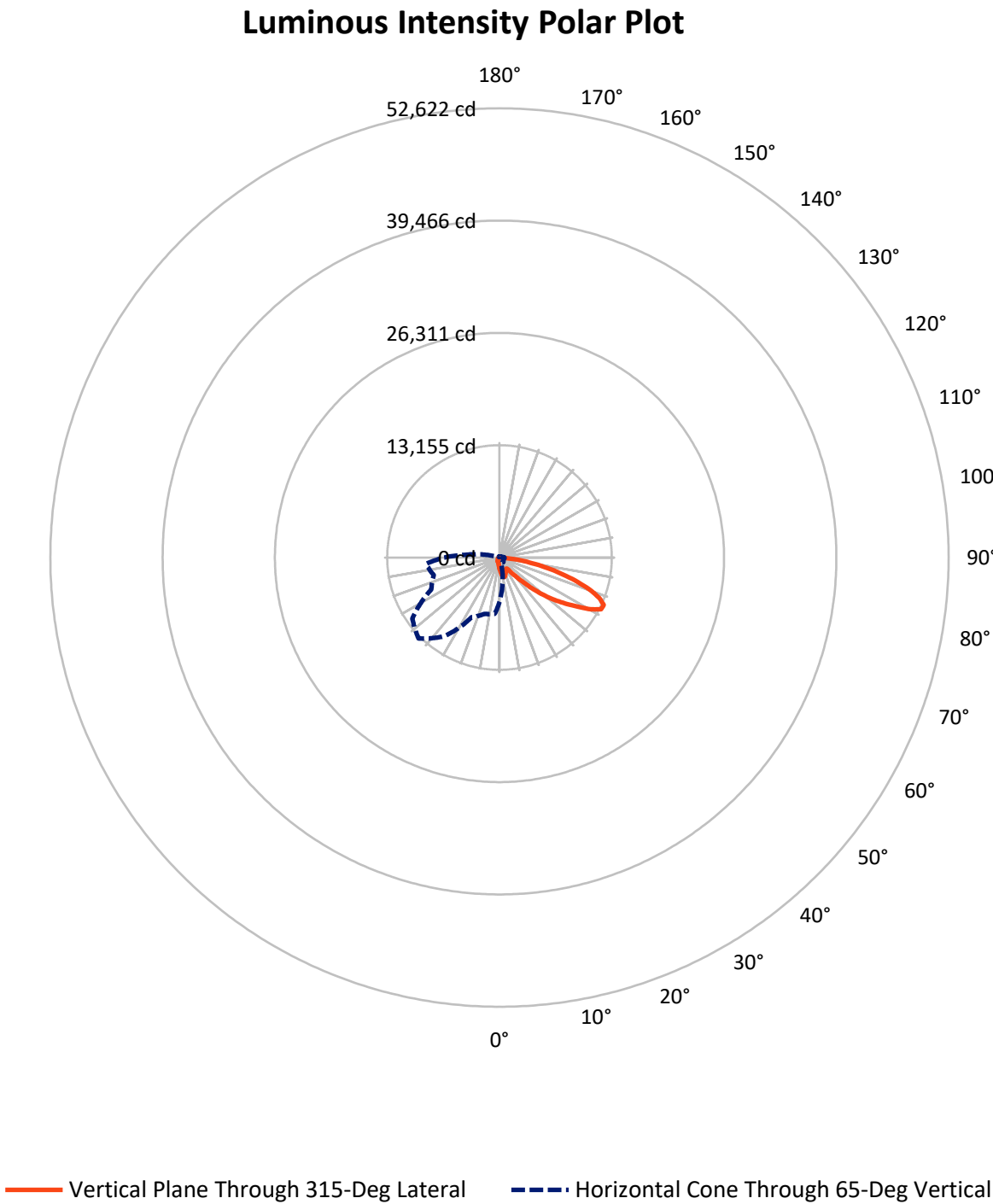
Input Watts (W): 114  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT



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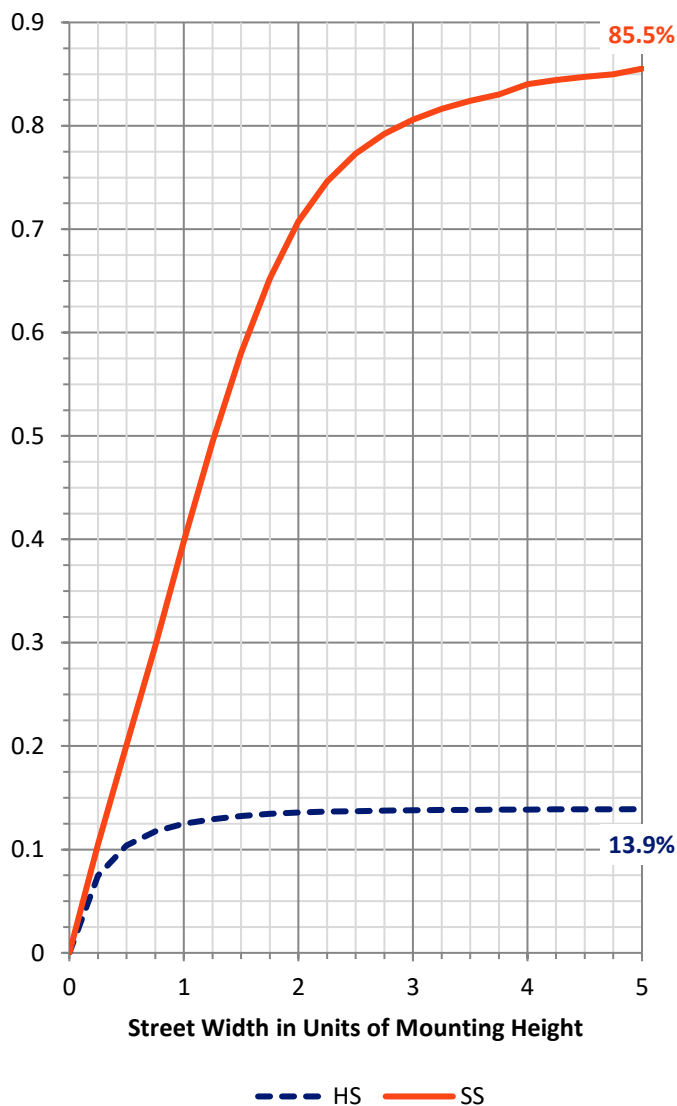
**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total  |
|--------------------|-----------|----------|--------|--------|
| <b>House Side</b>  | Lumens    | 1336.7   | 0.0    | 1336.7 |
|                    | % Fixture | 14.0     | 0.0    | 14.0   |
| <b>Street Side</b> | Lumens    | 8208.3   | 0.0    | 8208.3 |
|                    | % Fixture | 86.0     | 0.0    | 86.0   |
| <b>Total</b>       | Lumens    | 9545.0   | 0.0    | 9545.0 |
|                    | % Fixture | 100.0    | 0.0    | 100.0  |

**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 130.1  | 1.4       |
| 10°-20°   | 390.1  | 4.1       |
| 20°-30°   | 574.7  | 6.0       |
| 30°-40°   | 738.3  | 7.7       |
| 40°-50°   | 1194.0 | 12.5      |
| 50°-60°   | 2093.8 | 21.9      |
| 60°-70°   | 2619.9 | 27.4      |
| 70°-80°   | 1531.0 | 16.0      |
| 80°-90°   | 273.1  | 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°    | 9545.0 | 100.0     |
| 0°-180°   | 9545.0 | 100.0     |

**Coefficient of Utilization**



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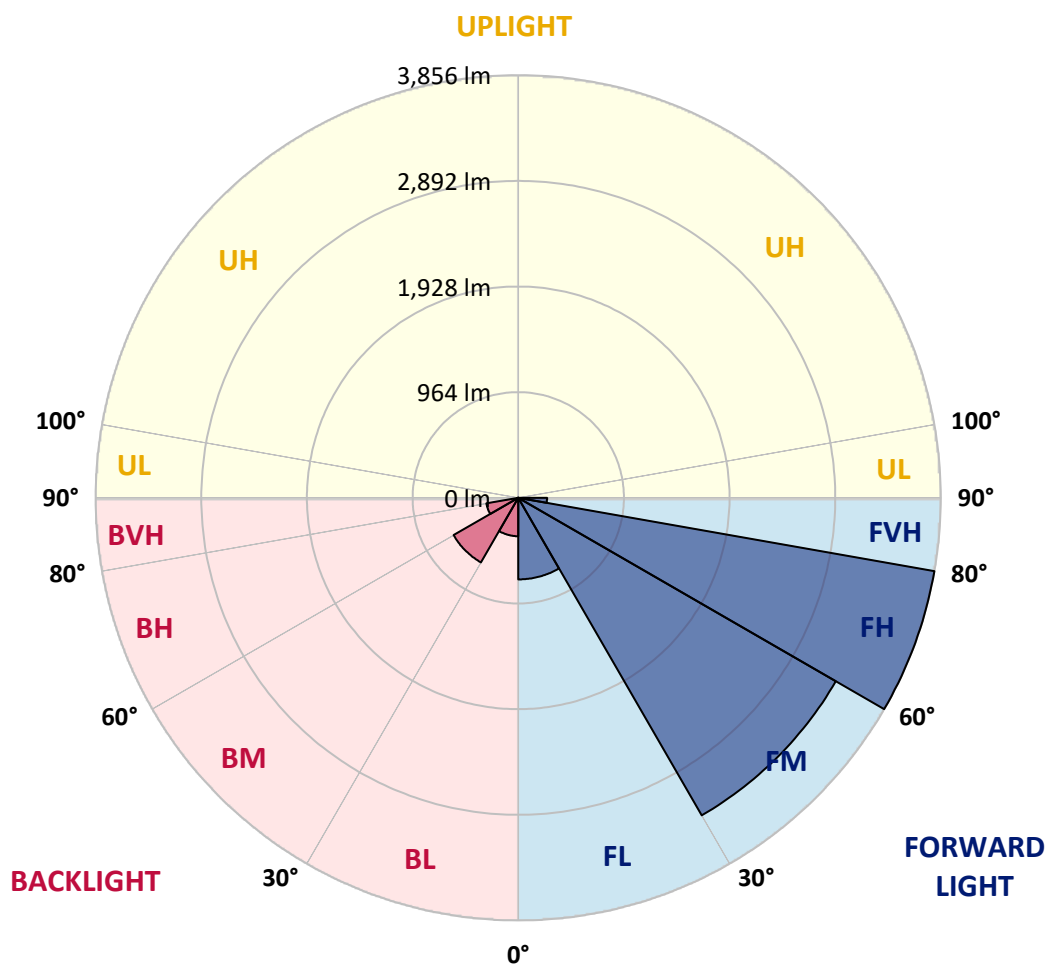
CATALOG NUMBER: GLAN-SB4A-950-U-SLR-HSS

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

| Zone |             | Lumens | % Fixture | Zone Rating/Lumen Limit |      |         |
|------|-------------|--------|-----------|-------------------------|------|---------|
|      |             |        |           | B                       | U    | G       |
| FL   | (0°-30°)    | 744.5  | 7.8       |                         |      |         |
| FM   | (30°-60°)   | 3345.4 | 35.0      |                         |      |         |
| FH   | (60°-80°)   | 3855.7 | 40.4      |                         |      | G2/5000 |
| FVH  | (80°-90°)   | 262.7  | 2.8       |                         |      | G3/500  |
| BL   | (0°-30°)    | 350.4  | 3.7       | B1/500                  |      |         |
| BM   | (30°-60°)   | 680.7  | 7.1       | B1/1000                 |      |         |
| BH   | (60°-80°)   | 295.2  | 3.1       | B1/500                  |      | G1/500  |
| BVH  | (80°-90°)   | 10.5   | 0.1       |                         |      | G1/100  |
| UL   | (90°-100°)  | 0.0    | 0.0       |                         | U0/0 |         |
| UH   | (100°-180°) | 0.0    | 0.0       |                         | U0/0 |         |

**BUG Rating: B1-U0-G3**

Type IV Short



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**CANDELA DISTRIBUTION (FULL):**

|       | 0°     | 5°     | 15°    | 25°    | 35°    | 45°    | 55°    | 65°    | 75°    | 85°    |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 1321.7 | 1321.7 | 1321.7 | 1321.7 | 1321.7 | 1321.7 | 1321.7 | 1321.7 | 1321.7 | 1321.7 |
| 2.5°  | 1493.3 | 1467.7 | 1452.5 | 1415.0 | 1377.6 | 1347.3 | 1306.6 | 1279.6 | 1247.4 | 1216.5 |
| 5°    | 1664.3 | 1622.8 | 1572.9 | 1504.5 | 1442.0 | 1378.2 | 1316.4 | 1255.3 | 1190.8 | 1131.6 |
| 7.5°  | 1808.9 | 1749.1 | 1661.0 | 1570.2 | 1490.7 | 1413.7 | 1341.4 | 1260.5 | 1182.3 | 1089.6 |
| 10°   | 1919.4 | 1843.1 | 1727.4 | 1608.4 | 1517.0 | 1439.4 | 1369.0 | 1300.6 | 1221.7 | 1109.9 |
| 12.5° | 1986.5 | 1904.9 | 1767.5 | 1628.1 | 1523.5 | 1436.7 | 1382.2 | 1351.9 | 1321.0 | 1209.9 |
| 15°   | 2035.8 | 1947.7 | 1795.8 | 1641.9 | 1508.4 | 1401.9 | 1361.8 | 1392.0 | 1427.5 | 1356.5 |
| 17.5° | 2087.1 | 1994.4 | 1832.6 | 1647.8 | 1467.7 | 1334.2 | 1317.1 | 1395.3 | 1477.5 | 1474.2 |
| 20°   | 2135.7 | 2043.7 | 1864.8 | 1643.9 | 1401.9 | 1252.0 | 1267.1 | 1367.0 | 1462.4 | 1502.5 |
| 22.5° | 2191.6 | 2094.3 | 1895.7 | 1628.8 | 1316.4 | 1175.0 | 1222.4 | 1322.3 | 1405.8 | 1453.2 |
| 25°   | 2260.0 | 2158.1 | 1939.1 | 1606.4 | 1224.4 | 1111.3 | 1177.0 | 1270.4 | 1338.1 | 1371.0 |
| 27.5° | 2333.6 | 2234.4 | 1997.0 | 1594.6 | 1150.1 | 1065.9 | 1125.7 | 1208.6 | 1269.1 | 1292.1 |
| 30°   | 2425.0 | 2323.1 | 2065.4 | 1581.4 | 1101.4 | 1039.6 | 1072.5 | 1136.9 | 1196.1 | 1219.1 |
| 32.5° | 2525.0 | 2421.8 | 2131.1 | 1549.8 | 1071.8 | 1019.9 | 1020.5 | 1061.3 | 1115.2 | 1142.8 |
| 35°   | 2649.9 | 2540.1 | 2201.5 | 1480.8 | 1048.1 | 996.8  | 969.9  | 989.6  | 1034.3 | 1067.2 |
| 37.5° | 2828.1 | 2695.3 | 2287.6 | 1382.2 | 1013.3 | 961.3  | 916.6  | 921.2  | 955.4  | 991.6  |
| 40°   | 3074.0 | 2903.7 | 2388.9 | 1279.6 | 963.3  | 911.4  | 858.1  | 856.1  | 881.1  | 916.6  |
| 42.5° | 3406.8 | 3179.3 | 2510.5 | 1181.6 | 915.3  | 850.9  | 796.3  | 793.0  | 812.7  | 843.6  |
| 45°   | 3846.0 | 3531.7 | 2659.8 | 1097.5 | 877.8  | 791.7  | 737.8  | 736.5  | 752.9  | 779.9  |
| 47.5° | 4408.2 | 4021.6 | 2809.1 | 1040.2 | 858.1  | 745.0  | 689.8  | 692.4  | 706.9  | 731.2  |
| 50°   | 5136.1 | 4660.1 | 2854.4 | 1011.3 | 858.1  | 720.0  | 647.0  | 660.2  | 672.0  | 690.4  |
| 52.5° | 6008.7 | 5272.9 | 2704.5 | 985.0  | 863.4  | 723.3  | 610.9  | 639.1  | 647.7  | 663.5  |
| 55°   | 6817.5 | 5573.4 | 2325.1 | 948.8  | 864.7  | 743.7  | 580.0  | 622.0  | 637.8  | 643.7  |
| 57.5° | 7287.0 | 5470.2 | 1879.9 | 887.7  | 859.4  | 757.5  | 560.2  | 601.0  | 631.2  | 635.2  |
| 60°   | 7197.6 | 5107.9 | 1384.1 | 841.0  | 820.6  | 752.2  | 554.3  | 568.8  | 616.8  | 622.7  |
| 62.5° | 6508.4 | 4500.3 | 960.7  | 804.8  | 735.1  | 729.2  | 552.3  | 518.2  | 585.2  | 599.7  |
| 65°   | 5231.5 | 3542.9 | 678.6  | 693.1  | 644.4  | 679.2  | 541.8  | 465.5  | 547.1  | 566.8  |
| 67.5° | 3795.4 | 2397.4 | 489.9  | 561.5  | 583.9  | 598.4  | 518.2  | 427.4  | 503.7  | 530.0  |
| 70°   | 2435.6 | 1294.7 | 343.9  | 370.9  | 491.8  | 508.3  | 477.4  | 393.2  | 459.6  | 489.9  |
| 72.5° | 1731.3 | 764.7  | 247.2  | 259.7  | 395.2  | 423.5  | 420.2  | 355.1  | 408.3  | 445.2  |
| 75°   | 1194.8 | 421.5  | 167.0  | 185.4  | 286.7  | 343.9  | 324.2  | 305.1  | 345.9  | 383.4  |
| 77.5° | 749.0  | 188.7  | 99.9   | 128.9  | 188.1  | 270.3  | 222.3  | 236.1  | 269.6  | 304.4  |
| 80°   | 416.9  | 73.0   | 55.9   | 85.5   | 102.6  | 196.6  | 123.0  | 151.9  | 198.6  | 223.6  |
| 82.5° | 90.7   | 9.2    | 25.0   | 36.8   | 40.1   | 114.4  | 65.1   | 88.1   | 124.9  | 123.0  |
| 85°   | 0.0    | 0.0    | 4.6    | 5.3    | 2.6    | 49.3   | 23.7   | 28.9   | 40.8   | 38.1   |
| 87.5° | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 1.3    |
| 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):**

| 90°    |       | 95°    | 105°   | 115°   | 125°   | 135°   | 145°   | 155°   | 165°   | 175°   | 180°   |
|--------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 1321.7 | 0°    | 1321.7 | 1321.7 | 1321.7 | 1321.7 | 1321.7 | 1321.7 | 1321.7 | 1321.7 | 1321.7 | 1321.7 |
| 1188.9 | 2.5°  | 1183.6 | 1151.4 | 1127.7 | 1115.9 | 1106.0 | 1115.2 | 1120.5 | 1120.5 | 1142.8 | 1156.0 |
| 1095.5 | 5°    | 1072.5 | 1014.6 | 970.5  | 941.0  | 923.2  | 929.1  | 935.7  | 942.9  | 971.2  | 990.3  |
| 1040.2 | 7.5°  | 995.5  | 906.8  | 839.7  | 798.3  | 776.6  | 779.9  | 784.5  | 790.4  | 818.0  | 837.1  |
| 1048.1 | 10°   | 981.1  | 853.5  | 758.8  | 704.2  | 677.9  | 673.3  | 670.7  | 668.7  | 685.2  | 699.6  |
| 1137.6 | 12.5° | 1040.2 | 856.1  | 724.0  | 657.6  | 625.3  | 611.5  | 595.7  | 583.2  | 585.9  | 595.1  |
| 1273.0 | 15°   | 1146.1 | 889.7  | 712.8  | 633.2  | 593.1  | 570.1  | 551.7  | 536.6  | 533.3  | 536.6  |
| 1391.4 | 17.5° | 1267.1 | 935.0  | 711.5  | 612.2  | 562.2  | 538.5  | 523.4  | 509.6  | 505.0  | 505.7  |
| 1457.8 | 20°   | 1347.3 | 971.2  | 707.5  | 588.5  | 532.6  | 511.6  | 498.4  | 484.6  | 480.0  | 481.3  |
| 1439.4 | 22.5° | 1355.2 | 990.3  | 701.6  | 562.2  | 503.0  | 485.3  | 472.1  | 459.6  | 459.0  | 459.0  |
| 1370.3 | 25°   | 1312.5 | 990.3  | 689.1  | 538.5  | 474.8  | 459.0  | 447.1  | 432.0  | 434.6  | 436.0  |
| 1292.1 | 27.5° | 1246.1 | 966.6  | 665.4  | 519.5  | 450.4  | 434.0  | 422.1  | 408.3  | 411.6  | 413.6  |
| 1219.1 | 30°   | 1180.3 | 936.4  | 637.2  | 497.8  | 427.4  | 408.3  | 399.8  | 388.0  | 389.3  | 391.9  |
| 1146.8 | 32.5° | 1119.2 | 904.1  | 603.6  | 480.0  | 404.4  | 385.3  | 378.7  | 365.6  | 367.6  | 370.2  |
| 1075.8 | 35°   | 1058.7 | 868.6  | 564.2  | 459.0  | 383.4  | 364.3  | 359.0  | 343.9  | 345.2  | 349.2  |
| 1004.7 | 37.5° | 993.6  | 831.1  | 532.0  | 437.9  | 363.0  | 343.2  | 338.0  | 322.2  | 323.5  | 328.1  |
| 931.1  | 40°   | 925.2  | 794.3  | 500.4  | 415.6  | 341.3  | 321.5  | 316.9  | 299.8  | 301.2  | 306.4  |
| 858.8  | 42.5° | 856.1  | 754.2  | 476.1  | 386.6  | 318.9  | 297.9  | 293.3  | 277.5  | 279.5  | 285.4  |
| 795.6  | 45°   | 792.3  | 706.2  | 460.3  | 354.4  | 297.9  | 274.2  | 269.6  | 255.1  | 259.1  | 265.7  |
| 742.4  | 47.5° | 737.8  | 656.9  | 453.7  | 327.5  | 275.5  | 249.9  | 245.9  | 234.1  | 240.7  | 247.9  |
| 697.0  | 50°   | 691.1  | 609.5  | 445.2  | 299.8  | 254.5  | 228.8  | 224.9  | 217.0  | 225.5  | 232.8  |
| 666.1  | 52.5° | 657.6  | 555.6  | 426.8  | 274.9  | 236.1  | 211.1  | 209.8  | 205.8  | 213.7  | 220.3  |
| 643.1  | 55°   | 628.6  | 499.7  | 397.2  | 253.2  | 219.6  | 196.0  | 197.3  | 195.3  | 201.9  | 207.1  |
| 629.3  | 57.5° | 602.3  | 451.1  | 359.7  | 236.1  | 201.9  | 182.8  | 186.7  | 184.1  | 187.4  | 190.7  |
| 614.8  | 60°   | 570.8  | 401.8  | 315.0  | 217.0  | 180.8  | 169.6  | 174.3  | 167.0  | 166.4  | 167.7  |
| 588.5  | 62.5° | 524.1  | 335.4  | 268.3  | 193.3  | 162.4  | 155.2  | 157.2  | 143.3  | 132.8  | 132.8  |
| 549.7  | 65°   | 459.0  | 269.6  | 224.9  | 167.0  | 141.4  | 135.5  | 134.1  | 114.4  | 99.9   | 98.6   |
| 507.6  | 67.5° | 383.4  | 221.6  | 186.7  | 140.7  | 117.7  | 113.8  | 115.1  | 100.6  | 86.1   | 84.8   |
| 465.5  | 70°   | 312.3  | 183.5  | 150.6  | 112.4  | 90.7   | 94.7   | 100.6  | 86.1   | 72.3   | 70.4   |
| 416.2  | 72.5° | 253.8  | 146.0  | 117.7  | 86.1   | 67.1   | 78.2   | 85.5   | 70.4   | 57.2   | 55.9   |
| 355.1  | 75°   | 196.0  | 107.2  | 84.2   | 58.5   | 48.7   | 60.5   | 67.1   | 51.3   | 40.8   | 38.8   |
| 274.9  | 77.5° | 130.9  | 66.4   | 47.3   | 36.8   | 28.9   | 41.4   | 44.7   | 27.0   | 23.7   | 23.0   |
| 199.9  | 80°   | 79.6   | 30.9   | 20.4   | 17.8   | 9.9    | 15.1   | 17.8   | 11.2   | 12.5   | 13.2   |
| 106.5  | 82.5° | 40.1   | 8.5    | 3.3    | 0.7    | 0.0    | 0.0    | 5.3    | 2.6    | 5.3    | 6.6    |
| 28.9   | 85°   | 3.3    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 1.3    | 3.3    |
| 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°   |
|--------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 1321.7 | 0°    | 1321.7 | 1321.7 | 1321.7 | 1321.7 | 1321.7 | 1321.7 | 1321.7 | 1321.7 | 1321.7 | 1321.7 |
| 1161.2 | 2.5°  | 1198.1 | 1225.7 | 1252.0 | 1294.1 | 1337.5 | 1380.2 | 1423.6 | 1465.7 | 1480.8 | 1492.0 |
| 1002.8 | 5°    | 1060.0 | 1111.9 | 1172.4 | 1255.9 | 1345.3 | 1437.4 | 1530.8 | 1616.3 | 1655.1 | 1681.4 |
| 853.5  | 7.5°  | 917.3  | 985.0  | 1071.8 | 1197.4 | 1337.5 | 1484.1 | 1630.7 | 1765.5 | 1828.0 | 1878.6 |
| 712.8  | 10°   | 775.9  | 849.6  | 959.4  | 1102.7 | 1292.1 | 1502.5 | 1705.0 | 1890.5 | 1971.3 | 2035.1 |
| 611.5  | 12.5° | 651.6  | 720.7  | 835.7  | 994.2  | 1221.1 | 1488.0 | 1747.8 | 1970.7 | 2066.0 | 2137.7 |
| 539.2  | 15°   | 564.2  | 612.8  | 714.8  | 885.7  | 1136.9 | 1441.4 | 1750.4 | 2008.8 | 2113.4 | 2188.3 |
| 508.9  | 17.5° | 515.5  | 532.0  | 598.4  | 775.3  | 1043.5 | 1380.2 | 1726.1 | 2022.0 | 2133.8 | 2203.5 |
| 482.0  | 20°   | 489.2  | 491.8  | 510.3  | 631.9  | 923.9  | 1323.0 | 1703.1 | 2035.1 | 2152.8 | 2211.3 |
| 462.9  | 22.5° | 468.2  | 468.2  | 472.8  | 516.8  | 769.3  | 1254.6 | 1695.8 | 2058.1 | 2179.1 | 2215.3 |
| 441.2  | 25°   | 449.1  | 449.1  | 450.4  | 462.3  | 609.5  | 1150.1 | 1691.2 | 2093.6 | 2215.3 | 2225.2 |
| 419.5  | 27.5° | 429.4  | 430.0  | 430.0  | 436.6  | 491.2  | 1008.0 | 1671.5 | 2139.7 | 2258.7 | 2238.3 |
| 398.5  | 30°   | 409.7  | 411.0  | 411.0  | 415.6  | 434.6  | 841.7  | 1632.7 | 2194.9 | 2315.2 | 2255.4 |
| 377.4  | 32.5° | 389.9  | 391.2  | 391.2  | 395.2  | 409.0  | 672.0  | 1584.0 | 2245.5 | 2372.4 | 2262.6 |
| 357.1  | 35°   | 369.5  | 371.5  | 370.2  | 375.5  | 389.9  | 534.6  | 1522.2 | 2296.2 | 2434.3 | 2285.6 |
| 337.3  | 37.5° | 349.2  | 350.5  | 349.8  | 355.1  | 371.5  | 461.6  | 1450.6 | 2334.3 | 2518.4 | 2336.9 |
| 316.3  | 40°   | 328.8  | 328.1  | 328.1  | 334.0  | 351.8  | 440.6  | 1360.5 | 2394.8 | 2639.4 | 2427.0 |
| 295.2  | 42.5° | 307.7  | 307.7  | 306.4  | 313.0  | 334.7  | 424.8  | 1274.3 | 2503.3 | 2815.6 | 2570.4 |
| 275.5  | 45°   | 288.7  | 288.0  | 285.4  | 291.3  | 318.3  | 397.2  | 1244.1 | 2705.8 | 3076.0 | 2802.5 |
| 255.8  | 47.5° | 270.3  | 269.6  | 263.0  | 268.3  | 298.5  | 372.2  | 1357.2 | 3037.2 | 3437.0 | 3143.8 |
| 240.0  | 50°   | 253.8  | 254.5  | 242.0  | 246.6  | 278.8  | 353.1  | 1602.5 | 3467.3 | 3916.4 | 3603.4 |
| 226.9  | 52.5° | 238.7  | 238.7  | 222.3  | 224.9  | 254.5  | 336.0  | 1835.9 | 3933.5 | 4548.9 | 4244.5 |
| 213.0  | 55°   | 223.6  | 222.3  | 203.8  | 205.2  | 230.1  | 311.7  | 1870.7 | 4388.5 | 5411.6 | 5209.1 |
| 197.9  | 57.5° | 206.5  | 203.8  | 186.7  | 186.7  | 207.8  | 293.9  | 1621.5 | 4738.3 | 6482.1 | 6626.8 |
| 169.6  | 60°   | 185.4  | 183.5  | 172.3  | 169.0  | 190.0  | 309.7  | 1144.1 | 4779.1 | 7172.6 | 8512.0 |
| 134.8  | 62.5° | 158.5  | 161.1  | 155.2  | 150.6  | 172.9  | 321.5  | 677.9  | 4451.0 | 7005.5 | 9111.7 |
| 104.6  | 65°   | 124.9  | 135.5  | 134.1  | 130.9  | 190.0  | 270.9  | 400.4  | 3821.0 | 6493.3 | 8627.7 |
| 91.4   | 67.5° | 106.5  | 113.8  | 111.8  | 111.8  | 199.2  | 205.8  | 251.8  | 2985.3 | 5788.4 | 8053.7 |
| 76.3   | 70°   | 90.7   | 98.0   | 90.7   | 90.7   | 150.6  | 124.9  | 174.3  | 2084.4 | 5027.6 | 7418.5 |
| 61.2   | 72.5° | 75.0   | 82.2   | 74.3   | 69.0   | 120.3  | 93.4   | 127.6  | 1302.6 | 4305.6 | 6757.0 |
| 43.4   | 75°   | 57.2   | 65.8   | 59.8   | 53.3   | 79.6   | 69.7   | 96.7   | 756.8  | 3567.2 | 5781.2 |
| 26.3   | 77.5° | 36.2   | 47.3   | 44.7   | 37.5   | 58.5   | 50.6   | 69.7   | 450.4  | 2752.5 | 4517.4 |
| 15.8   | 80°   | 22.4   | 24.3   | 25.0   | 23.7   | 33.5   | 34.2   | 47.3   | 256.4  | 1883.9 | 3148.4 |
| 9.9    | 82.5° | 14.5   | 14.5   | 11.2   | 12.5   | 16.4   | 19.7   | 27.0   | 96.7   | 1107.3 | 1916.8 |
| 5.9    | 85°   | 10.5   | 9.2    | 5.9    | 5.9    | 7.9    | 9.9    | 10.5   | 29.6   | 449.1  | 756.8  |
| 2.6    | 87.5° | 5.3    | 4.6    | 2.0    | 2.6    | 3.9    | 3.3    | 2.6    | 1.3    | 113.1  | 242.0  |
| 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):**

| 285°   |       | 295°   | 305°    | 315°    | 325°    | 335°   | 345°   | 355°   | 360°   |
|--------|-------|--------|---------|---------|---------|--------|--------|--------|--------|
| 1321.7 | 0°    | 1321.7 | 1321.7  | 1321.7  | 1321.7  | 1321.7 | 1321.7 | 1321.7 | 1321.7 |
| 1517.0 | 2.5°  | 1530.1 | 1550.5  | 1551.8  | 1551.8  | 1534.1 | 1533.4 | 1497.2 | 1493.3 |
| 1740.5 | 5°    | 1801.7 | 1814.8  | 1818.1  | 1811.6  | 1776.0 | 1749.7 | 1679.4 | 1664.3 |
| 1968.7 | 7.5°  | 2050.2 | 2076.5  | 2076.5  | 2060.8  | 2002.9 | 1949.0 | 1847.1 | 1808.9 |
| 2157.4 | 10°   | 2248.8 | 2279.1  | 2272.5  | 2240.3  | 2167.3 | 2093.0 | 1969.4 | 1919.4 |
| 2271.8 | 12.5° | 2345.5 | 2376.4  | 2359.3  | 2322.5  | 2251.5 | 2173.2 | 2043.0 | 1986.5 |
| 2304.7 | 15°   | 2343.5 | 2335.0  | 2317.2  | 2312.6  | 2278.4 | 2219.2 | 2097.6 | 2035.8 |
| 2284.3 | 17.5° | 2260.0 | 2187.7  | 2173.9  | 2219.9  | 2263.3 | 2248.8 | 2144.9 | 2087.1 |
| 2235.7 | 20°   | 2127.8 | 2001.6  | 1989.1  | 2077.2  | 2200.8 | 2263.9 | 2189.0 | 2135.7 |
| 2165.3 | 22.5° | 1988.4 | 1852.3  | 1823.4  | 1920.7  | 2106.8 | 2268.6 | 2244.9 | 2191.6 |
| 2087.7 | 25°   | 1856.3 | 1719.5  | 1690.6  | 1781.3  | 2002.2 | 2260.7 | 2305.4 | 2260.0 |
| 2013.4 | 27.5° | 1745.8 | 1613.6  | 1586.7  | 1677.4  | 1901.6 | 2238.3 | 2365.9 | 2333.6 |
| 1939.8 | 30°   | 1660.3 | 1538.0  | 1518.3  | 1605.7  | 1814.8 | 2210.7 | 2442.8 | 2425.0 |
| 1871.4 | 32.5° | 1610.3 | 1520.9  | 1528.1  | 1599.8  | 1768.2 | 2180.4 | 2516.4 | 2525.0 |
| 1837.9 | 35°   | 1659.7 | 1663.6  | 1726.7  | 1756.3  | 1811.6 | 2175.8 | 2616.4 | 2649.9 |
| 1878.0 | 37.5° | 1904.9 | 2041.7  | 2172.5  | 2148.2  | 2023.9 | 2229.1 | 2765.7 | 2828.1 |
| 2052.9 | 40°   | 2322.5 | 2603.2  | 2815.6  | 2722.9  | 2409.9 | 2392.2 | 2980.7 | 3074.0 |
| 2363.2 | 42.5° | 2832.7 | 3308.8  | 3658.6  | 3410.1  | 2907.7 | 2677.5 | 3287.8 | 3406.8 |
| 2738.7 | 45°   | 3371.3 | 4178.7  | 4729.8  | 4212.9  | 3438.3 | 3077.3 | 3752.6 | 3846.0 |
| 3090.5 | 47.5° | 3938.7 | 5236.1  | 5948.9  | 5103.3  | 3930.2 | 3532.4 | 4386.5 | 4408.2 |
| 3423.9 | 50°   | 4559.5 | 6395.3  | 7191.6  | 5992.9  | 4404.9 | 4053.8 | 5161.1 | 5136.1 |
| 3812.5 | 52.5° | 5150.6 | 7587.5  | 8408.1  | 6886.5  | 4821.8 | 4700.8 | 6060.0 | 6008.7 |
| 4343.8 | 55°   | 5714.8 | 8779.0  | 9631.8  | 7745.3  | 5215.0 | 5555.6 | 7127.9 | 6817.5 |
| 5109.8 | 57.5° | 6369.0 | 9850.1  | 10893.0 | 8608.0  | 5764.7 | 6665.6 | 8322.0 | 7287.0 |
| 6576.8 | 60°   | 7336.3 | 11067.2 | 12319.2 | 9790.3  | 6810.3 | 7832.1 | 8750.0 | 7197.6 |
| 8333.8 | 62.5° | 8571.2 | 12186.4 | 13356.2 | 10948.9 | 7860.4 | 8051.7 | 8119.4 | 6508.4 |
| 7975.4 | 65°   | 8811.2 | 12469.8 | 13414.7 | 11258.6 | 7724.9 | 6830.0 | 6628.8 | 5231.5 |
| 7123.9 | 67.5° | 8174.7 | 11957.6 | 12596.7 | 10681.9 | 6833.3 | 5278.2 | 4974.4 | 3795.4 |
| 6565.0 | 70°   | 7460.6 | 10981.1 | 11171.1 | 9701.5  | 6010.0 | 3882.2 | 3359.4 | 2435.6 |
| 6182.3 | 72.5° | 6728.7 | 9678.5  | 9285.3  | 8425.2  | 5282.1 | 2826.8 | 2423.1 | 1731.3 |
| 5637.2 | 75°   | 5859.4 | 7965.6  | 7313.9  | 7000.3  | 4373.4 | 2218.6 | 1753.0 | 1194.8 |
| 4848.8 | 77.5° | 4692.3 | 5606.9  | 5432.7  | 5426.1  | 3286.4 | 1620.9 | 1169.8 | 749.0  |
| 3788.2 | 80°   | 3310.1 | 3638.9  | 3550.1  | 4086.7  | 2204.8 | 1175.7 | 704.2  | 416.9  |
| 2636.8 | 82.5° | 1602.5 | 2012.1  | 2065.4  | 2433.6  | 1072.5 | 691.7  | 162.4  | 90.7   |
| 1031.0 | 85°   | 627.3  | 970.5   | 818.7   | 923.9   | 301.2  | 192.7  | 3.9    | 0.0    |
| 169.6  | 87.5° | 70.4   | 112.4   | 103.2   | 81.5    | 36.8   | 7.9    | 0.0    | 0.0    |
| 0.0    | 90°   | 0.0    | 0.0     | 0.0     | 0.0     | 0.0    | 0.0    | 0.0    | 0.0    |

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