

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: P945598

Luminaire Tested: **GLAN-SB1C-730-U-SLR**

Issue Date: 1/21/2025

### Test Information

Test Method: LM-79-08  
Report Number: P945598  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2411-289-8)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/21/2025  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: GLAN-SB1C-730-U-SLR  
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE  
(1) 70 CRI, 3000K, 615mA LIGHTSQUARE WITH 26 LEDS AND SPILL LIGHT  
ELIMINATOR RIGHT OPTICS  
Light Source: -  
Ballast/Driver: -

### Summary

Lumens per Lamp: N/A  
Luminaire Lumens: 7465 lumens  
Efficiency: N/A  
Efficacy: 137.2 lumens/watt  
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')  
IES Classification: Type IV - Short  
BUG Rating: B2 - U0 - G3  
  
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



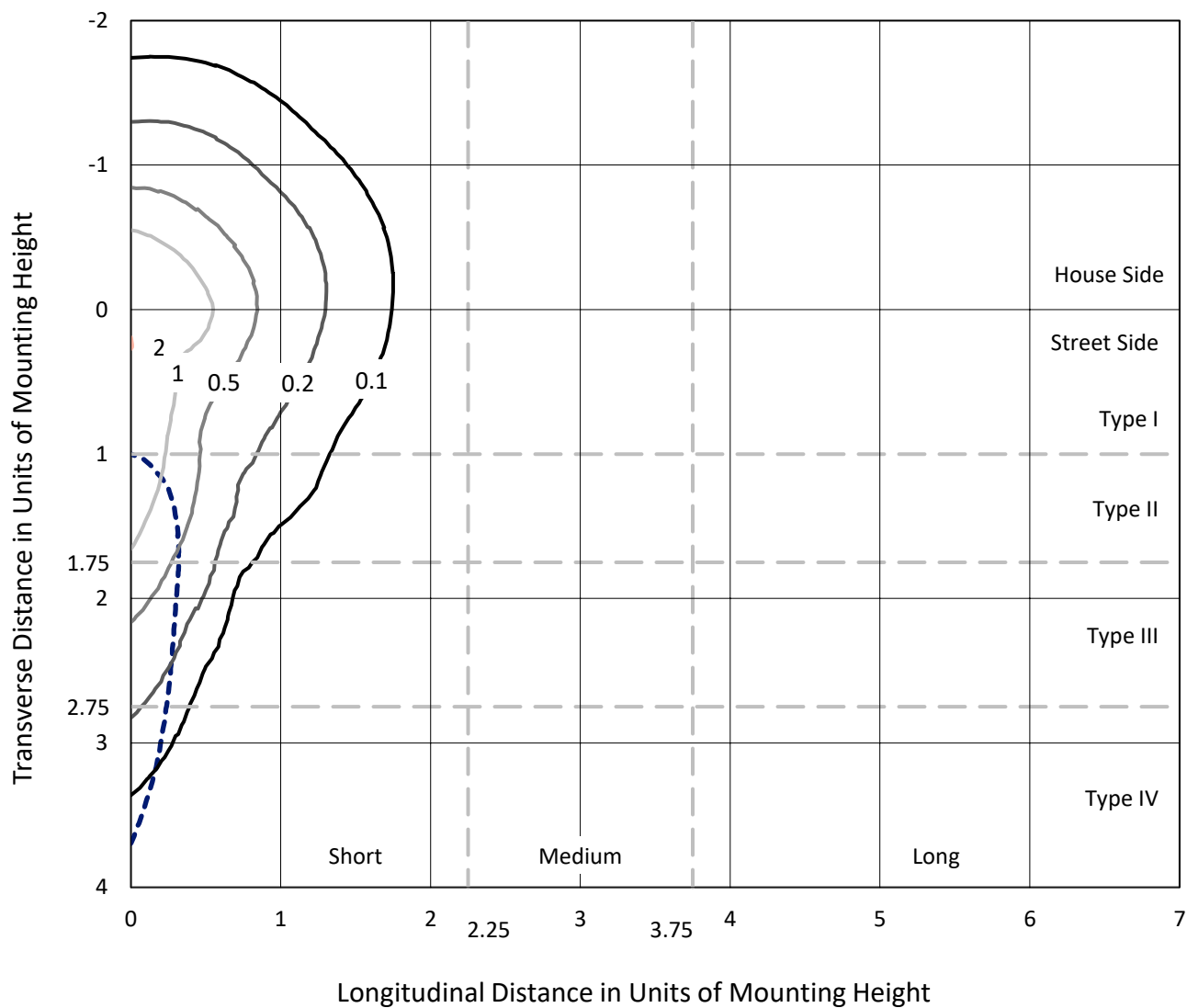
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## Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

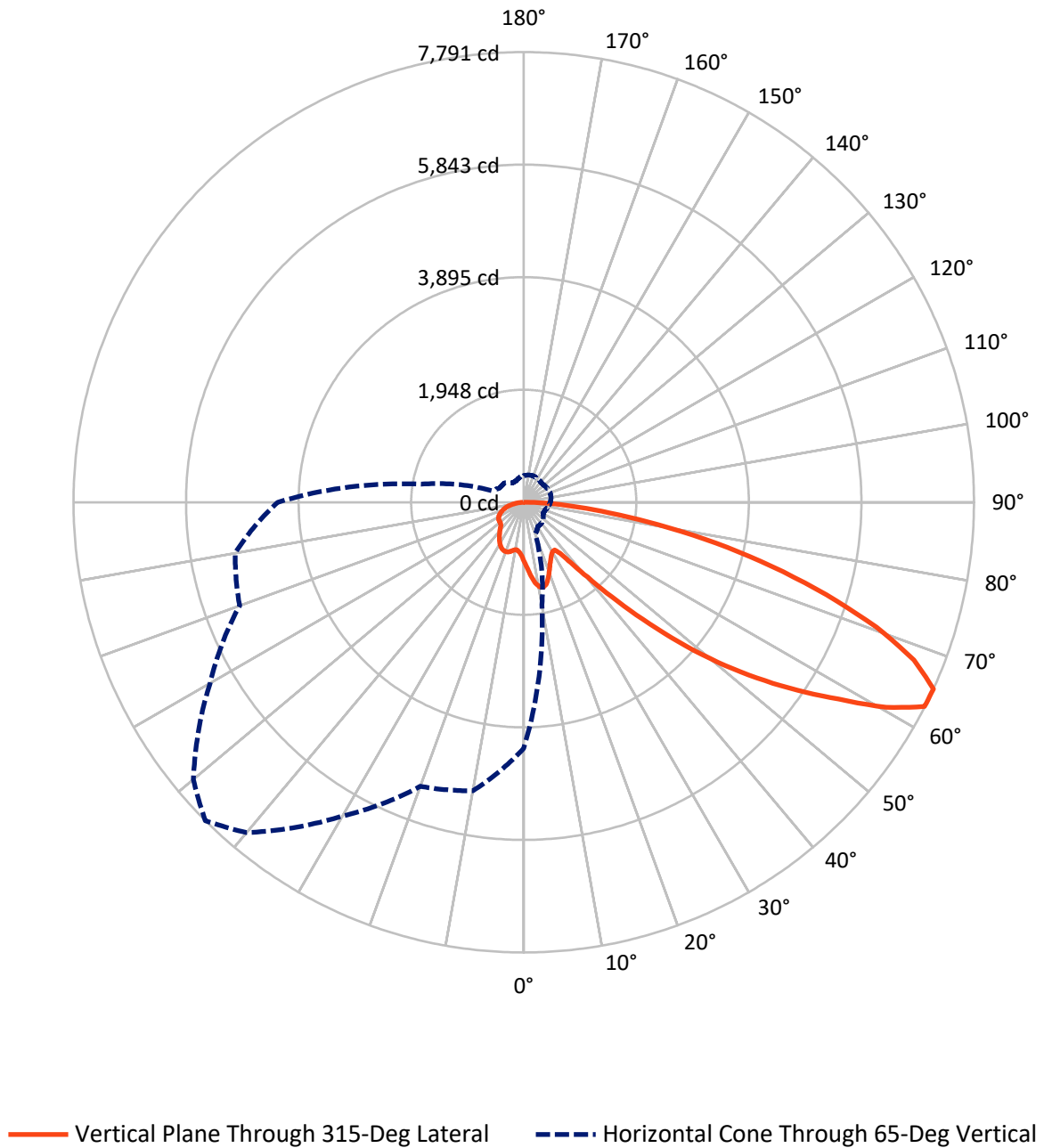


Based on 25 foot mounting height. Maximum calculated value = 2 fc

Type IV - Short - N/A

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## Luminous Intensity Polar Plot



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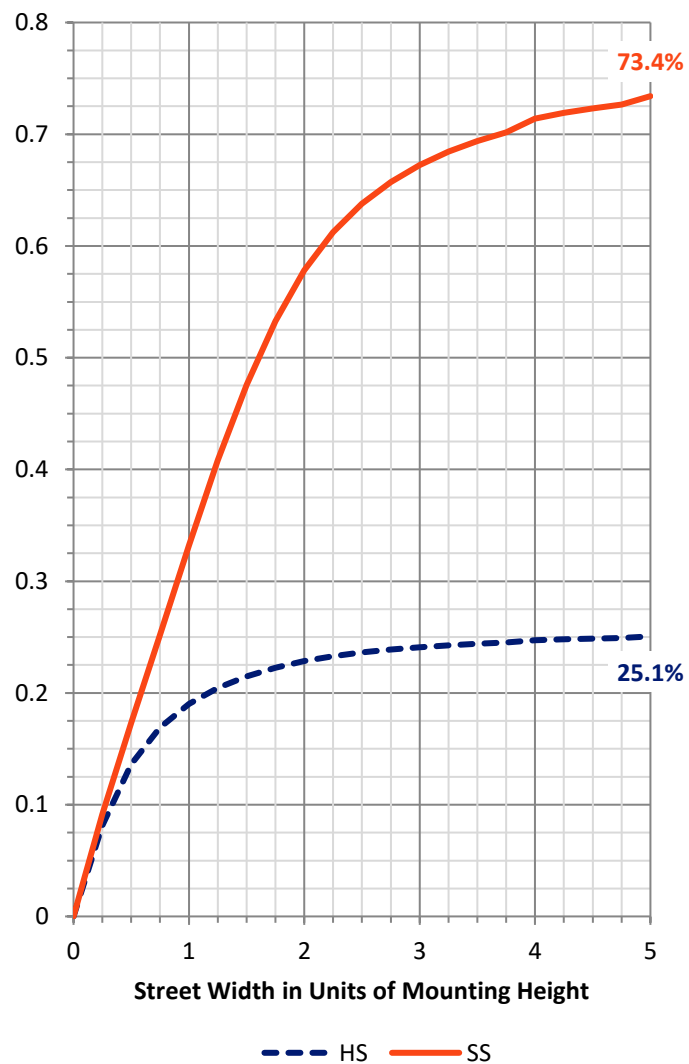
**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total  |
|--------------------|-----------|----------|--------|--------|
| <b>House Side</b>  | Lumens    | 1897.2   | 0.0    | 1897.2 |
|                    | % Fixture | 25.4     | 0.0    | 25.4   |
| <b>Street Side</b> | Lumens    | 5567.8   | 0.0    | 5567.8 |
|                    | % Fixture | 74.6     | 0.0    | 74.6   |
| <b>Total</b>       | Lumens    | 7465.0   | 0.0    | 7465.0 |
|                    | % Fixture | 100.0    | 0.0    | 100.0  |

**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 101.8  | 1.4       |
| 10°-20°   | 319.7  | 4.3       |
| 20°-30°   | 493.8  | 6.6       |
| 30°-40°   | 625.7  | 8.4       |
| 40°-50°   | 943.7  | 12.6      |
| 50°-60°   | 1524.8 | 20.4      |
| 60°-70°   | 1900.9 | 25.5      |
| 70°-80°   | 1246.5 | 16.7      |
| 80°-90°   | 308.2  | 4.1       |
| 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°    | 7465.0 | 100.0     |
| 0°-180°   | 7465.0 | 100.0     |

**Coefficient of Utilization**



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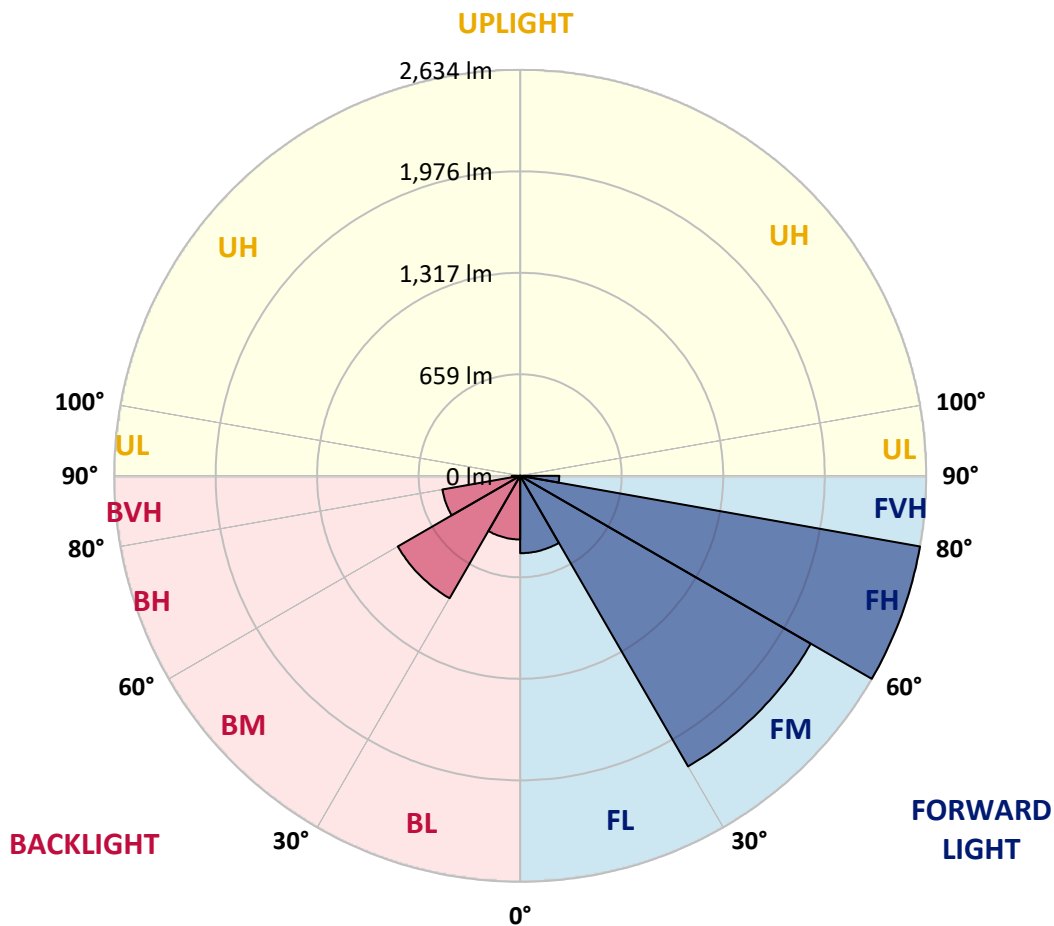
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

| Zone |             | Lumens | % Fixture | Zone Rating/Lumen Limit |      |         |
|------|-------------|--------|-----------|-------------------------|------|---------|
|      |             |        |           | B                       | U    | G       |
| FL   | (0°-30°)    | 502.1  | 6.7       |                         |      |         |
| FM   | (30°-60°)   | 2177.4 | 29.2      |                         |      |         |
| FH   | (60°-80°)   | 2634.4 | 35.3      |                         |      | G2/5000 |
| FVH  | (80°-90°)   | 253.9  | 3.4       |                         |      | G3/500  |
| BL   | (0°-30°)    | 413.1  | 5.5       | B1/500                  |      |         |
| BM   | (30°-60°)   | 916.9  | 12.3      | B1/1000                 |      |         |
| BH   | (60°-80°)   | 512.9  | 6.9       | B2/1000                 |      | G2/1000 |
| BVH  | (80°-90°)   | 54.3   | 0.7       |                         |      | 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°     | 10°    | 15°    | 20°    | 25°    | 30°    | 35°    | 40°    | 45°    |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 1026.5 | 1026.5 | 1026.5 | 1026.5 | 1026.5 | 1026.5 | 1026.5 | 1026.5 | 1026.5 | 1026.5 |
| 2.5°  | 1103.9 | 1095.4 | 1087.0 | 1077.9 | 1069.0 | 1059.9 | 1050.8 | 1042.2 | 1033.5 | 1025.1 |
| 5°    | 1187.0 | 1168.3 | 1149.6 | 1130.9 | 1112.3 | 1093.5 | 1074.8 | 1057.2 | 1039.7 | 1023.2 |
| 7.5°  | 1270.5 | 1239.6 | 1208.8 | 1180.3 | 1151.8 | 1124.0 | 1096.2 | 1071.8 | 1047.3 | 1024.7 |
| 10°   | 1334.5 | 1295.5 | 1256.5 | 1218.8 | 1181.1 | 1147.4 | 1113.6 | 1084.7 | 1055.7 | 1027.9 |
| 12.5° | 1373.7 | 1330.8 | 1288.0 | 1245.3 | 1202.6 | 1162.8 | 1123.0 | 1090.3 | 1057.5 | 1028.3 |
| 15°   | 1397.6 | 1352.8 | 1308.1 | 1261.8 | 1215.5 | 1169.7 | 1123.9 | 1086.0 | 1048.1 | 1015.7 |
| 17.5° | 1410.9 | 1365.6 | 1320.3 | 1269.7 | 1219.2 | 1166.0 | 1112.8 | 1067.3 | 1021.7 | 983.6  |
| 20°   | 1425.7 | 1378.6 | 1331.5 | 1275.9 | 1220.4 | 1155.9 | 1091.5 | 1035.0 | 978.5  | 934.1  |
| 22.5° | 1442.9 | 1394.7 | 1346.5 | 1284.3 | 1222.0 | 1143.6 | 1065.2 | 997.2  | 929.1  | 878.6  |
| 25°   | 1464.9 | 1417.7 | 1370.6 | 1299.4 | 1228.2 | 1131.4 | 1034.6 | 954.9  | 875.2  | 823.4  |
| 27.5° | 1494.8 | 1449.9 | 1404.8 | 1323.0 | 1241.2 | 1123.2 | 1005.2 | 916.2  | 827.3  | 780.1  |
| 30°   | 1535.2 | 1491.7 | 1448.3 | 1353.6 | 1259.0 | 1119.4 | 979.7  | 883.9  | 788.2  | 748.6  |
| 32.5° | 1582.9 | 1539.8 | 1496.8 | 1385.6 | 1274.3 | 1114.7 | 954.9  | 856.1  | 757.3  | 725.4  |
| 35°   | 1640.8 | 1599.6 | 1558.3 | 1422.0 | 1285.6 | 1105.8 | 926.0  | 828.7  | 731.5  | 704.9  |
| 37.5° | 1738.3 | 1685.7 | 1633.2 | 1462.7 | 1292.3 | 1090.5 | 888.7  | 796.5  | 704.3  | 681.1  |
| 40°   | 1885.6 | 1809.0 | 1732.4 | 1514.5 | 1296.5 | 1069.5 | 842.6  | 758.1  | 673.6  | 652.5  |
| 42.5° | 2081.0 | 1970.4 | 1859.9 | 1582.2 | 1304.5 | 1047.9 | 791.3  | 715.6  | 640.0  | 620.6  |
| 45°   | 2322.2 | 2173.1 | 2024.1 | 1671.3 | 1318.6 | 1027.7 | 736.9  | 670.6  | 604.2  | 584.5  |
| 47.5° | 2624.0 | 2414.1 | 2204.3 | 1766.2 | 1328.2 | 1011.1 | 694.0  | 634.9  | 575.9  | 550.5  |
| 50°   | 3019.4 | 2703.1 | 2386.7 | 1854.3 | 1321.9 | 993.0  | 664.0  | 611.3  | 558.5  | 525.1  |
| 52.5° | 3473.4 | 3006.6 | 2539.9 | 1911.5 | 1283.1 | 962.4  | 641.7  | 595.7  | 549.7  | 511.3  |
| 55°   | 3956.7 | 3275.7 | 2594.8 | 1898.9 | 1203.0 | 911.6  | 620.3  | 584.3  | 548.4  | 512.7  |
| 57.5° | 4396.3 | 3466.5 | 2536.6 | 1810.2 | 1083.8 | 840.1  | 596.4  | 571.0  | 545.6  | 514.0  |
| 60°   | 4662.0 | 3514.1 | 2366.2 | 1645.1 | 924.0  | 747.2  | 570.4  | 550.5  | 530.5  | 509.7  |
| 62.5° | 4527.1 | 3313.4 | 2099.8 | 1421.9 | 744.0  | 636.1  | 528.1  | 514.9  | 501.6  | 499.1  |
| 65°   | 4257.1 | 3029.5 | 1801.9 | 1194.1 | 586.4  | 536.1  | 485.7  | 479.4  | 473.2  | 473.5  |
| 67.5° | 3895.3 | 2691.6 | 1487.8 | 971.0  | 454.2  | 439.9  | 425.6  | 429.1  | 432.6  | 431.7  |
| 70°   | 3460.6 | 2322.8 | 1185.0 | 764.6  | 344.1  | 348.2  | 352.2  | 368.5  | 384.6  | 384.6  |
| 72.5° | 2942.6 | 1923.1 | 903.6  | 584.5  | 265.4  | 277.7  | 290.1  | 313.1  | 336.1  | 339.9  |
| 75°   | 2287.4 | 1464.9 | 642.4  | 424.2  | 206.1  | 217.3  | 228.5  | 254.2  | 280.0  | 297.8  |
| 77.5° | 1634.3 | 1025.3 | 416.3  | 287.5  | 158.7  | 166.3  | 173.9  | 198.9  | 223.9  | 253.3  |
| 80°   | 1069.6 | 660.6  | 251.5  | 185.2  | 119.0  | 122.1  | 125.3  | 146.5  | 167.6  | 202.7  |
| 82.5° | 621.8  | 382.3  | 142.9  | 113.9  | 85.0   | 85.6   | 86.2   | 101.8  | 117.4  | 147.3  |
| 85°   | 273.6  | 172.0  | 70.4   | 60.9   | 51.4   | 51.1   | 50.8   | 62.2   | 73.7   | 95.9   |
| 87.5° | 84.7   | 56.3   | 28.0   | 25.2   | 22.5   | 22.3   | 22.0   | 26.6   | 31.3   | 40.6   |
| 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):**

| 50°    |       | 55°    | 60°    | 65°    | 70°    | 75°    | 80°    | 85°    | 90°    | 95°    | 100°   |
|--------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 1026.5 | 0°    | 1026.5 | 1026.5 | 1026.5 | 1026.5 | 1026.5 | 1026.5 | 1026.5 | 1026.5 | 1026.5 | 1026.5 |
| 1015.8 | 2.5°  | 1008.2 | 1000.7 | 993.9  | 987.1  | 981.2  | 975.2  | 969.2  | 963.3  | 958.7  | 954.0  |
| 1006.8 | 5°    | 992.5  | 978.2  | 966.3  | 954.3  | 943.8  | 933.2  | 923.7  | 914.0  | 906.7  | 899.3  |
| 1003.6 | 7.5°  | 984.6  | 965.6  | 949.9  | 934.1  | 920.9  | 907.5  | 895.8  | 884.1  | 875.3  | 866.6  |
| 1005.2 | 10°   | 985.1  | 965.1  | 949.4  | 933.6  | 919.3  | 905.0  | 891.8  | 878.6  | 868.1  | 857.6  |
| 1007.1 | 12.5° | 990.7  | 974.4  | 964.0  | 953.6  | 942.3  | 931.1  | 917.4  | 903.8  | 890.4  | 877.0  |
| 998.7  | 15°   | 990.9  | 983.1  | 984.5  | 985.9  | 983.0  | 980.1  | 968.2  | 956.4  | 937.3  | 918.3  |
| 973.1  | 17.5° | 976.0  | 978.8  | 996.0  | 1013.2 | 1022.3 | 1031.4 | 1021.9 | 1012.3 | 987.1  | 961.8  |
| 931.4  | 20°   | 944.8  | 958.2  | 988.0  | 1017.8 | 1036.9 | 1056.0 | 1051.6 | 1047.2 | 1018.3 | 989.5  |
| 884.0  | 22.5° | 903.8  | 923.6  | 957.6  | 991.8  | 1016.6 | 1041.5 | 1044.1 | 1046.8 | 1019.2 | 991.6  |
| 838.0  | 25°   | 860.9  | 883.7  | 914.3  | 945.0  | 969.4  | 993.9  | 1003.0 | 1012.1 | 989.5  | 966.9  |
| 797.8  | 27.5° | 819.9  | 842.0  | 867.1  | 892.3  | 911.9  | 931.5  | 941.7  | 951.9  | 935.7  | 919.7  |
| 762.5  | 30°   | 780.0  | 797.6  | 818.4  | 839.3  | 855.6  | 871.9  | 880.2  | 888.4  | 876.2  | 863.9  |
| 731.5  | 32.5° | 741.9  | 752.3  | 768.9  | 785.6  | 801.2  | 816.9  | 826.0  | 835.3  | 824.0  | 812.7  |
| 702.3  | 35°   | 705.2  | 708.0  | 720.8  | 733.4  | 748.9  | 764.4  | 775.4  | 786.4  | 778.4  | 770.4  |
| 671.7  | 37.5° | 668.5  | 665.4  | 674.5  | 683.6  | 699.0  | 714.5  | 728.1  | 741.7  | 738.0  | 734.3  |
| 638.1  | 40°   | 631.0  | 623.9  | 630.4  | 637.0  | 651.9  | 666.8  | 682.5  | 698.2  | 699.1  | 700.0  |
| 602.5  | 42.5° | 593.0  | 583.6  | 588.9  | 594.3  | 608.4  | 622.6  | 639.5  | 656.4  | 661.0  | 665.5  |
| 567.0  | 45°   | 557.8  | 548.6  | 553.1  | 557.7  | 571.1  | 584.5  | 602.0  | 619.6  | 626.1  | 632.6  |
| 535.4  | 47.5° | 527.7  | 519.9  | 524.2  | 528.4  | 541.5  | 554.6  | 571.9  | 589.3  | 596.8  | 604.2  |
| 507.5  | 50°   | 500.7  | 493.9  | 500.5  | 507.1  | 519.5  | 531.8  | 547.4  | 562.9  | 572.5  | 582.1  |
| 486.8  | 52.5° | 480.0  | 473.3  | 483.2  | 493.2  | 504.5  | 515.8  | 530.3  | 544.8  | 556.1  | 567.5  |
| 475.8  | 55°   | 465.0  | 454.4  | 468.5  | 482.6  | 494.8  | 507.0  | 519.7  | 532.4  | 544.4  | 556.5  |
| 469.1  | 57.5° | 453.5  | 437.9  | 453.1  | 468.3  | 482.7  | 497.0  | 509.5  | 522.1  | 534.3  | 546.4  |
| 462.9  | 60°   | 442.7  | 422.5  | 435.8  | 449.1  | 465.6  | 482.1  | 494.8  | 507.5  | 519.8  | 532.0  |
| 455.7  | 62.5° | 430.4  | 405.1  | 413.6  | 422.1  | 441.2  | 460.5  | 474.1  | 487.6  | 498.8  | 510.0  |
| 440.4  | 65°   | 413.5  | 386.6  | 389.9  | 393.1  | 413.7  | 434.3  | 447.3  | 460.3  | 470.1  | 480.0  |
| 413.1  | 67.5° | 390.7  | 368.4  | 367.4  | 366.3  | 385.3  | 404.3  | 416.7  | 429.0  | 437.5  | 446.0  |
| 378.5  | 70°   | 362.6  | 346.7  | 343.2  | 339.6  | 356.3  | 373.0  | 383.7  | 394.3  | 402.0  | 409.7  |
| 340.0  | 72.5° | 329.1  | 318.2  | 313.0  | 307.8  | 321.0  | 334.1  | 343.7  | 353.3  | 360.9  | 368.4  |
| 296.3  | 75°   | 287.9  | 279.5  | 274.5  | 269.5  | 279.3  | 289.0  | 297.7  | 306.5  | 313.3  | 320.2  |
| 252.5  | 77.5° | 245.8  | 239.0  | 234.0  | 228.9  | 236.9  | 244.8  | 252.3  | 259.8  | 267.0  | 274.2  |
| 202.5  | 80°   | 196.9  | 191.2  | 187.0  | 182.8  | 189.4  | 196.0  | 202.3  | 208.6  | 214.0  | 219.5  |
| 149.0  | 82.5° | 146.2  | 143.5  | 140.5  | 137.5  | 136.9  | 136.4  | 134.2  | 132.0  | 143.6  | 155.3  |
| 98.1   | 85°   | 95.1   | 92.2   | 88.8   | 85.5   | 82.6   | 79.8   | 73.7   | 67.6   | 78.5   | 89.4   |
| 43.3   | 87.5° | 42.1   | 41.0   | 40.3   | 39.7   | 39.6   | 39.5   | 34.8   | 30.1   | 34.7   | 39.3   |
| 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):**

| 105°   |       | 110°   | 115°   | 120°   | 125°   | 130°   | 135°   | 140°   | 145°   | 150°   | 155°   |
|--------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 1026.5 | 0°    | 1026.5 | 1026.5 | 1026.5 | 1026.5 | 1026.5 | 1026.5 | 1026.5 | 1026.5 | 1026.5 | 1026.5 |
| 950.3  | 2.5°  | 946.5  | 943.6  | 940.7  | 938.0  | 935.3  | 932.0  | 935.3  | 938.0  | 940.7  | 943.6  |
| 894.1  | 5°    | 889.0  | 885.3  | 881.6  | 878.8  | 876.0  | 873.3  | 876.0  | 878.8  | 881.6  | 885.3  |
| 860.4  | 7.5°  | 854.3  | 850.1  | 845.9  | 843.4  | 840.9  | 839.0  | 840.9  | 843.4  | 845.9  | 850.1  |
| 850.7  | 10°   | 843.8  | 839.8  | 835.9  | 833.7  | 831.6  | 830.7  | 831.6  | 833.7  | 835.9  | 839.8  |
| 868.2  | 12.5° | 859.3  | 854.8  | 850.4  | 848.6  | 846.8  | 846.5  | 846.8  | 848.6  | 850.4  | 854.8  |
| 904.8  | 15°   | 891.3  | 885.1  | 879.0  | 876.6  | 874.3  | 874.1  | 874.3  | 876.6  | 879.0  | 885.1  |
| 942.0  | 17.5° | 922.1  | 913.0  | 903.8  | 900.8  | 897.8  | 897.3  | 897.8  | 900.8  | 903.8  | 913.0  |
| 965.1  | 20°   | 940.8  | 929.1  | 917.4  | 913.6  | 909.9  | 908.7  | 909.9  | 913.6  | 917.4  | 929.1  |
| 966.6  | 22.5° | 941.5  | 929.2  | 916.8  | 912.7  | 908.5  | 906.8  | 908.5  | 912.7  | 916.8  | 929.2  |
| 944.6  | 25°   | 922.4  | 911.7  | 901.0  | 897.1  | 893.3  | 891.0  | 893.3  | 897.1  | 901.0  | 911.7  |
| 902.4  | 27.5° | 885.1  | 877.9  | 870.7  | 868.9  | 867.2  | 866.6  | 867.2  | 868.9  | 870.7  | 877.9  |
| 851.5  | 30°   | 839.1  | 835.4  | 831.7  | 831.7  | 831.7  | 832.3  | 831.7  | 831.7  | 831.7  | 835.4  |
| 802.8  | 32.5° | 792.9  | 790.5  | 788.1  | 788.4  | 788.8  | 789.4  | 788.8  | 788.4  | 788.1  | 790.5  |
| 761.2  | 35°   | 752.2  | 748.5  | 744.9  | 744.1  | 743.3  | 742.9  | 743.3  | 744.1  | 744.9  | 748.5  |
| 725.9  | 37.5° | 717.5  | 710.8  | 704.2  | 700.7  | 697.2  | 695.2  | 697.2  | 700.7  | 704.2  | 710.8  |
| 692.8  | 40°   | 685.7  | 676.0  | 666.4  | 659.9  | 653.4  | 649.5  | 653.4  | 659.9  | 666.4  | 676.0  |
| 659.5  | 42.5° | 653.5  | 641.5  | 629.5  | 620.0  | 610.5  | 604.2  | 610.5  | 620.0  | 629.5  | 641.5  |
| 627.2  | 45°   | 621.8  | 608.0  | 594.3  | 583.2  | 572.0  | 564.9  | 572.0  | 583.2  | 594.3  | 608.0  |
| 600.5  | 47.5° | 596.7  | 584.5  | 572.3  | 561.9  | 551.7  | 544.8  | 551.7  | 561.9  | 572.3  | 584.5  |
| 581.9  | 50°   | 581.7  | 571.9  | 562.2  | 552.6  | 543.1  | 536.5  | 543.1  | 552.6  | 562.2  | 571.9  |
| 569.6  | 52.5° | 571.6  | 563.7  | 555.7  | 547.2  | 538.7  | 532.6  | 538.7  | 547.2  | 555.7  | 563.7  |
| 559.3  | 55°   | 562.2  | 555.2  | 548.3  | 540.8  | 533.3  | 527.8  | 533.3  | 540.8  | 548.3  | 555.2  |
| 549.3  | 57.5° | 552.2  | 545.2  | 538.1  | 530.7  | 523.3  | 517.6  | 523.3  | 530.7  | 538.1  | 545.2  |
| 535.1  | 60°   | 538.3  | 531.4  | 524.6  | 517.0  | 509.3  | 503.4  | 509.3  | 517.0  | 524.6  | 531.4  |
| 513.1  | 62.5° | 516.1  | 509.9  | 503.7  | 495.7  | 487.6  | 480.6  | 487.6  | 495.7  | 503.7  | 509.9  |
| 483.1  | 65°   | 486.2  | 480.2  | 474.3  | 466.5  | 458.7  | 452.6  | 458.7  | 466.5  | 474.3  | 480.2  |
| 449.0  | 67.5° | 452.0  | 446.5  | 441.1  | 433.8  | 426.6  | 421.1  | 426.6  | 433.8  | 441.1  | 446.5  |
| 412.6  | 70°   | 415.5  | 411.0  | 406.6  | 399.7  | 392.7  | 386.4  | 392.7  | 399.7  | 406.6  | 411.0  |
| 371.8  | 72.5° | 375.3  | 371.6  | 367.9  | 361.3  | 354.7  | 348.6  | 354.7  | 361.3  | 367.9  | 371.6  |
| 323.8  | 75°   | 327.4  | 325.6  | 323.8  | 318.2  | 312.7  | 306.8  | 312.7  | 318.2  | 323.8  | 325.6  |
| 277.5  | 77.5° | 280.9  | 278.4  | 275.8  | 270.2  | 264.6  | 260.0  | 264.6  | 270.2  | 275.8  | 278.4  |
| 224.0  | 80°   | 228.5  | 227.4  | 226.3  | 218.8  | 211.2  | 202.5  | 211.2  | 218.8  | 226.3  | 227.4  |
| 162.9  | 82.5° | 170.6  | 170.1  | 169.6  | 163.2  | 156.9  | 151.3  | 156.9  | 163.2  | 169.6  | 170.1  |
| 98.9   | 85°   | 108.3  | 107.5  | 106.7  | 101.8  | 96.8   | 91.8   | 96.8   | 101.8  | 106.7  | 107.5  |
| 43.1   | 87.5° | 47.0   | 46.0   | 45.0   | 42.5   | 39.9   | 37.4   | 39.9   | 42.5   | 45.0   | 46.0   |
| 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):**

| 160°   |       | 165°   | 170°   | 175°   | 180°   | 185°   | 190°   | 195°   | 200°   | 205°   | 210°   |
|--------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 1026.5 | 0°    | 1026.5 | 1026.5 | 1026.5 | 1026.5 | 1026.5 | 1026.5 | 1026.5 | 1026.5 | 1026.5 | 1026.5 |
| 946.5  | 2.5°  | 950.3  | 954.0  | 958.7  | 963.3  | 969.2  | 975.2  | 981.2  | 987.1  | 993.9  | 1000.7 |
| 889.0  | 5°    | 894.1  | 899.3  | 906.7  | 914.0  | 923.7  | 933.2  | 943.8  | 954.3  | 966.3  | 978.2  |
| 854.3  | 7.5°  | 860.4  | 866.6  | 875.3  | 884.1  | 895.8  | 907.5  | 920.9  | 934.1  | 949.9  | 965.6  |
| 843.8  | 10°   | 850.7  | 857.6  | 868.1  | 878.6  | 891.8  | 905.0  | 919.3  | 933.6  | 949.4  | 965.1  |
| 859.3  | 12.5° | 868.2  | 877.0  | 890.4  | 903.8  | 917.4  | 931.1  | 942.3  | 953.6  | 964.0  | 974.4  |
| 891.3  | 15°   | 904.8  | 918.3  | 937.3  | 956.4  | 968.2  | 980.1  | 983.0  | 985.9  | 984.5  | 983.1  |
| 922.1  | 17.5° | 942.0  | 961.8  | 987.1  | 1012.3 | 1021.9 | 1031.4 | 1022.3 | 1013.2 | 996.0  | 978.8  |
| 940.8  | 20°   | 965.1  | 989.5  | 1018.3 | 1047.2 | 1051.6 | 1056.0 | 1036.9 | 1017.8 | 988.0  | 958.2  |
| 941.5  | 22.5° | 966.6  | 991.6  | 1019.2 | 1046.8 | 1044.1 | 1041.5 | 1016.6 | 991.8  | 957.6  | 923.6  |
| 922.4  | 25°   | 944.6  | 966.9  | 989.5  | 1012.1 | 1003.0 | 993.9  | 969.4  | 945.0  | 914.3  | 883.7  |
| 885.1  | 27.5° | 902.4  | 919.7  | 935.7  | 951.9  | 941.7  | 931.5  | 911.9  | 892.3  | 867.1  | 842.0  |
| 839.1  | 30°   | 851.5  | 863.9  | 876.2  | 888.4  | 880.2  | 871.9  | 855.6  | 839.3  | 818.4  | 797.6  |
| 792.9  | 32.5° | 802.8  | 812.7  | 824.0  | 835.3  | 826.0  | 816.9  | 801.2  | 785.6  | 768.9  | 752.3  |
| 752.2  | 35°   | 761.2  | 770.4  | 778.4  | 786.4  | 775.4  | 764.4  | 748.9  | 733.4  | 720.8  | 708.0  |
| 717.5  | 37.5° | 725.9  | 734.3  | 738.0  | 741.7  | 728.1  | 714.5  | 699.0  | 683.6  | 674.5  | 665.4  |
| 685.7  | 40°   | 692.8  | 700.0  | 699.1  | 698.2  | 682.5  | 666.8  | 651.9  | 637.0  | 630.4  | 623.9  |
| 653.5  | 42.5° | 659.5  | 665.5  | 661.0  | 656.4  | 639.5  | 622.6  | 608.4  | 594.3  | 588.9  | 583.6  |
| 621.8  | 45°   | 627.2  | 632.6  | 626.1  | 619.6  | 602.0  | 584.5  | 571.1  | 557.7  | 553.1  | 548.6  |
| 596.7  | 47.5° | 600.5  | 604.2  | 596.8  | 589.3  | 571.9  | 554.6  | 541.5  | 528.4  | 524.2  | 519.9  |
| 581.7  | 50°   | 581.9  | 582.1  | 572.5  | 562.9  | 547.4  | 531.8  | 519.5  | 507.1  | 500.5  | 493.9  |
| 571.6  | 52.5° | 569.6  | 567.5  | 556.1  | 544.8  | 530.3  | 515.8  | 504.5  | 493.2  | 483.2  | 473.3  |
| 562.2  | 55°   | 559.3  | 556.5  | 544.4  | 532.4  | 519.7  | 507.0  | 494.8  | 482.6  | 468.5  | 454.4  |
| 552.2  | 57.5° | 549.3  | 546.4  | 534.3  | 522.1  | 509.5  | 497.0  | 482.7  | 468.3  | 453.1  | 437.9  |
| 538.3  | 60°   | 535.1  | 532.0  | 519.8  | 507.5  | 494.8  | 482.1  | 465.6  | 449.1  | 435.8  | 422.5  |
| 516.1  | 62.5° | 513.1  | 510.0  | 498.8  | 487.6  | 474.1  | 460.5  | 441.2  | 422.1  | 413.6  | 405.1  |
| 486.2  | 65°   | 483.1  | 480.0  | 470.1  | 460.3  | 447.3  | 434.3  | 413.7  | 393.1  | 389.9  | 386.6  |
| 452.0  | 67.5° | 449.0  | 446.0  | 437.5  | 429.0  | 416.7  | 404.3  | 385.3  | 366.3  | 367.4  | 368.4  |
| 415.5  | 70°   | 412.6  | 409.7  | 402.0  | 394.3  | 383.7  | 373.0  | 356.3  | 339.6  | 343.2  | 346.7  |
| 375.3  | 72.5° | 371.8  | 368.4  | 360.9  | 353.3  | 343.7  | 334.1  | 321.0  | 307.8  | 313.0  | 318.2  |
| 327.4  | 75°   | 323.8  | 320.2  | 313.3  | 306.5  | 297.7  | 289.0  | 279.3  | 269.5  | 274.5  | 279.5  |
| 280.9  | 77.5° | 277.5  | 274.2  | 267.0  | 259.8  | 252.3  | 244.8  | 236.9  | 228.9  | 234.0  | 239.0  |
| 228.5  | 80°   | 224.0  | 219.5  | 214.0  | 208.6  | 202.3  | 196.0  | 189.4  | 182.8  | 187.0  | 191.2  |
| 170.6  | 82.5° | 162.9  | 155.3  | 143.6  | 132.0  | 134.2  | 136.4  | 136.9  | 137.5  | 140.5  | 143.5  |
| 108.3  | 85°   | 98.9   | 89.4   | 78.5   | 67.6   | 73.7   | 79.8   | 82.6   | 85.5   | 88.8   | 92.2   |
| 47.0   | 87.5° | 43.1   | 39.3   | 34.7   | 30.1   | 34.8   | 39.5   | 39.6   | 39.7   | 40.3   | 41.0   |
| 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):**

| 215°   |       | 220°   | 225°   | 230°   | 235°   | 240°   | 245°   | 250°   | 255°   | 260°   | 265°   |
|--------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 1026.5 | 0°    | 1026.5 | 1026.5 | 1026.5 | 1026.5 | 1026.5 | 1026.5 | 1026.5 | 1026.5 | 1026.5 | 1026.5 |
| 1008.2 | 2.5°  | 1015.8 | 1025.1 | 1033.5 | 1042.2 | 1050.8 | 1059.9 | 1069.0 | 1077.9 | 1087.0 | 1095.4 |
| 992.5  | 5°    | 1006.8 | 1023.2 | 1039.7 | 1057.2 | 1074.8 | 1093.5 | 1112.3 | 1130.9 | 1149.6 | 1168.3 |
| 984.6  | 7.5°  | 1003.6 | 1024.7 | 1047.3 | 1071.8 | 1096.2 | 1124.0 | 1151.8 | 1180.3 | 1208.8 | 1239.6 |
| 985.1  | 10°   | 1005.2 | 1027.9 | 1055.7 | 1084.7 | 1113.6 | 1147.4 | 1181.1 | 1218.8 | 1256.5 | 1295.5 |
| 990.7  | 12.5° | 1007.1 | 1028.3 | 1057.5 | 1090.3 | 1123.0 | 1162.8 | 1202.6 | 1245.3 | 1288.0 | 1330.8 |
| 990.9  | 15°   | 998.7  | 1015.7 | 1048.1 | 1086.0 | 1123.9 | 1169.7 | 1215.5 | 1261.8 | 1308.1 | 1352.8 |
| 976.0  | 17.5° | 973.1  | 983.6  | 1021.7 | 1067.3 | 1112.8 | 1166.0 | 1219.2 | 1269.7 | 1320.3 | 1365.6 |
| 944.8  | 20°   | 931.4  | 934.1  | 978.5  | 1035.0 | 1091.5 | 1155.9 | 1220.4 | 1275.9 | 1331.5 | 1378.6 |
| 903.8  | 22.5° | 884.0  | 878.6  | 929.1  | 997.2  | 1065.2 | 1143.6 | 1222.0 | 1284.3 | 1346.5 | 1394.7 |
| 860.9  | 25°   | 838.0  | 823.4  | 875.2  | 954.9  | 1034.6 | 1131.4 | 1228.2 | 1299.4 | 1370.6 | 1417.7 |
| 819.9  | 27.5° | 797.8  | 780.1  | 827.3  | 916.2  | 1005.2 | 1123.2 | 1241.2 | 1323.0 | 1404.8 | 1449.9 |
| 780.0  | 30°   | 762.5  | 748.6  | 788.2  | 883.9  | 979.7  | 1119.4 | 1259.0 | 1353.6 | 1448.3 | 1491.7 |
| 741.9  | 32.5° | 731.5  | 725.4  | 757.3  | 856.1  | 954.9  | 1114.7 | 1274.3 | 1385.6 | 1496.8 | 1539.8 |
| 705.2  | 35°   | 702.3  | 704.9  | 731.5  | 828.7  | 926.0  | 1105.8 | 1285.6 | 1422.0 | 1558.3 | 1599.6 |
| 668.5  | 37.5° | 671.7  | 681.1  | 704.3  | 796.5  | 888.7  | 1090.5 | 1292.3 | 1462.7 | 1633.2 | 1685.7 |
| 631.0  | 40°   | 638.1  | 652.5  | 673.6  | 758.1  | 842.6  | 1069.5 | 1296.5 | 1514.5 | 1732.4 | 1809.0 |
| 593.0  | 42.5° | 602.5  | 620.6  | 640.0  | 715.6  | 791.3  | 1047.9 | 1304.5 | 1582.2 | 1859.9 | 1970.4 |
| 557.8  | 45°   | 567.0  | 584.5  | 604.2  | 670.6  | 736.9  | 1027.7 | 1318.6 | 1671.3 | 2024.1 | 2173.1 |
| 527.7  | 47.5° | 535.4  | 550.5  | 575.9  | 634.9  | 694.0  | 1011.1 | 1328.2 | 1766.2 | 2204.3 | 2414.1 |
| 500.7  | 50°   | 507.5  | 525.1  | 558.5  | 611.3  | 664.0  | 993.0  | 1321.9 | 1854.3 | 2386.7 | 2703.1 |
| 480.0  | 52.5° | 486.8  | 511.3  | 549.7  | 595.7  | 641.7  | 962.4  | 1283.1 | 1911.5 | 2539.9 | 3006.6 |
| 465.0  | 55°   | 475.8  | 512.7  | 548.4  | 584.3  | 620.3  | 911.6  | 1203.0 | 1898.9 | 2594.8 | 3275.7 |
| 453.5  | 57.5° | 469.1  | 514.0  | 545.6  | 571.0  | 596.4  | 840.1  | 1083.8 | 1810.2 | 2536.6 | 3466.5 |
| 442.7  | 60°   | 462.9  | 509.7  | 530.5  | 550.5  | 570.4  | 747.2  | 924.0  | 1645.1 | 2366.2 | 3514.1 |
| 430.4  | 62.5° | 455.7  | 499.1  | 501.6  | 514.9  | 528.1  | 636.1  | 744.0  | 1421.9 | 2099.8 | 3313.4 |
| 413.5  | 65°   | 440.4  | 473.5  | 473.2  | 479.4  | 485.7  | 536.1  | 586.4  | 1194.1 | 1801.9 | 3029.5 |
| 390.7  | 67.5° | 413.1  | 431.7  | 432.6  | 429.1  | 425.6  | 439.9  | 454.2  | 971.0  | 1487.8 | 2691.6 |
| 362.6  | 70°   | 378.5  | 384.6  | 384.6  | 368.5  | 352.2  | 348.2  | 344.1  | 764.6  | 1185.0 | 2322.8 |
| 329.1  | 72.5° | 340.0  | 339.9  | 336.1  | 313.1  | 290.1  | 277.7  | 265.4  | 584.5  | 903.6  | 1923.1 |
| 287.9  | 75°   | 296.3  | 297.8  | 280.0  | 254.2  | 228.5  | 217.3  | 206.1  | 424.2  | 642.4  | 1464.9 |
| 245.8  | 77.5° | 252.5  | 253.3  | 223.9  | 198.9  | 173.9  | 166.3  | 158.7  | 287.5  | 416.3  | 1025.3 |
| 196.9  | 80°   | 202.5  | 202.7  | 167.6  | 146.5  | 125.3  | 122.1  | 119.0  | 185.2  | 251.5  | 660.6  |
| 146.2  | 82.5° | 149.0  | 147.3  | 117.4  | 101.8  | 86.2   | 85.6   | 85.0   | 113.9  | 142.9  | 382.3  |
| 95.1   | 85°   | 98.1   | 95.9   | 73.7   | 62.2   | 50.8   | 51.1   | 51.4   | 60.9   | 70.4   | 172.0  |
| 42.1   | 87.5° | 43.3   | 40.6   | 31.3   | 26.6   | 22.0   | 22.3   | 22.5   | 25.2   | 28.0   | 56.3   |
| 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):**

| 270°   |       | 275°   | 280°   | 285°   | 290°   | 295°   | 300°   | 305°   | 310°   | 315°   | 320°   |
|--------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 1026.5 | 0°    | 1026.5 | 1026.5 | 1026.5 | 1026.5 | 1026.5 | 1026.5 | 1026.5 | 1026.5 | 1026.5 | 1026.5 |
| 1103.9 | 2.5°  | 1108.1 | 1112.3 | 1118.2 | 1124.2 | 1127.7 | 1131.3 | 1133.1 | 1134.8 | 1134.8 | 1134.8 |
| 1187.0 | 5°    | 1201.6 | 1216.3 | 1230.8 | 1245.3 | 1253.2 | 1261.1 | 1265.8 | 1270.6 | 1270.6 | 1270.6 |
| 1270.5 | 7.5°  | 1294.3 | 1318.1 | 1339.5 | 1360.8 | 1373.7 | 1386.6 | 1393.6 | 1400.5 | 1400.5 | 1400.5 |
| 1334.5 | 10°   | 1362.7 | 1390.8 | 1415.9 | 1441.0 | 1456.2 | 1471.3 | 1478.1 | 1484.8 | 1484.8 | 1484.8 |
| 1373.7 | 12.5° | 1404.2 | 1434.7 | 1457.3 | 1480.0 | 1491.0 | 1502.0 | 1505.7 | 1509.4 | 1509.4 | 1509.4 |
| 1397.6 | 15°   | 1423.9 | 1450.1 | 1464.4 | 1478.6 | 1479.0 | 1479.4 | 1475.5 | 1471.5 | 1471.5 | 1471.5 |
| 1410.9 | 17.5° | 1428.7 | 1446.5 | 1446.8 | 1447.0 | 1431.0 | 1415.1 | 1400.5 | 1385.8 | 1385.8 | 1385.8 |
| 1425.7 | 20°   | 1431.9 | 1438.1 | 1419.4 | 1400.7 | 1365.5 | 1330.3 | 1304.6 | 1279.0 | 1279.0 | 1279.0 |
| 1442.9 | 22.5° | 1434.7 | 1426.6 | 1387.9 | 1349.1 | 1297.3 | 1245.5 | 1213.4 | 1181.4 | 1181.4 | 1181.4 |
| 1464.9 | 25°   | 1439.3 | 1413.7 | 1354.9 | 1296.0 | 1233.1 | 1170.2 | 1136.5 | 1102.8 | 1102.8 | 1102.8 |
| 1494.8 | 27.5° | 1449.1 | 1403.3 | 1325.3 | 1247.4 | 1177.7 | 1108.0 | 1074.8 | 1041.7 | 1041.7 | 1041.7 |
| 1535.2 | 30°   | 1467.0 | 1398.7 | 1302.8 | 1206.8 | 1134.2 | 1061.6 | 1030.8 | 1000.0 | 1000.0 | 1000.0 |
| 1582.9 | 32.5° | 1489.4 | 1396.0 | 1287.4 | 1178.9 | 1110.6 | 1042.3 | 1018.2 | 994.0  | 994.0  | 994.0  |
| 1640.8 | 35°   | 1526.4 | 1412.1 | 1298.9 | 1185.8 | 1138.4 | 1091.0 | 1085.4 | 1079.8 | 1079.8 | 1079.8 |
| 1738.3 | 37.5° | 1603.7 | 1469.2 | 1366.4 | 1263.6 | 1260.5 | 1257.4 | 1283.2 | 1308.9 | 1308.9 | 1308.9 |
| 1885.6 | 40°   | 1739.3 | 1592.9 | 1516.5 | 1440.0 | 1494.0 | 1547.9 | 1610.6 | 1673.2 | 1673.2 | 1673.2 |
| 2081.0 | 42.5° | 1935.8 | 1790.6 | 1746.5 | 1702.5 | 1820.2 | 1937.9 | 2051.8 | 2165.7 | 2165.7 | 2165.7 |
| 2322.2 | 45°   | 2191.8 | 2061.4 | 2041.9 | 2022.5 | 2211.0 | 2399.6 | 2586.8 | 2774.0 | 2774.0 | 2774.0 |
| 2624.0 | 47.5° | 2497.1 | 2370.2 | 2366.2 | 2362.3 | 2634.3 | 2906.3 | 3180.3 | 3454.3 | 3454.3 | 3454.3 |
| 3019.4 | 50°   | 2862.7 | 2706.0 | 2706.7 | 2707.3 | 3057.9 | 3408.5 | 3770.2 | 4131.9 | 4131.9 | 4131.9 |
| 3473.4 | 52.5° | 3283.6 | 3093.9 | 3074.7 | 3055.5 | 3474.2 | 3893.0 | 4340.5 | 4788.0 | 4788.0 | 4788.0 |
| 3956.7 | 55°   | 3769.2 | 3581.7 | 3506.9 | 3432.1 | 3898.2 | 4364.2 | 4897.7 | 5431.3 | 5431.3 | 5431.3 |
| 4396.3 | 57.5° | 4294.2 | 4192.1 | 4042.0 | 3892.0 | 4362.6 | 4833.2 | 5437.5 | 6041.8 | 6041.8 | 6041.8 |
| 4662.0 | 60°   | 4820.6 | 4979.2 | 4792.9 | 4606.6 | 5051.9 | 5497.3 | 6144.3 | 6791.3 | 6791.3 | 6791.3 |
| 4527.1 | 62.5° | 4960.4 | 5393.7 | 5372.7 | 5351.7 | 5759.7 | 6167.7 | 6783.3 | 7398.8 | 7398.8 | 7398.8 |
| 4257.1 | 65°   | 4663.8 | 5070.5 | 5150.9 | 5231.4 | 5749.8 | 6268.3 | 6865.2 | 7462.1 | 7462.1 | 7462.1 |
| 3895.3 | 67.5° | 4282.1 | 4668.9 | 4706.6 | 4744.3 | 5284.5 | 5824.7 | 6424.1 | 7023.6 | 7023.6 | 7023.6 |
| 3460.6 | 70°   | 3881.3 | 4302.1 | 4318.9 | 4335.8 | 4818.9 | 5302.0 | 5817.9 | 6333.7 | 6333.7 | 6333.7 |
| 2942.6 | 72.5° | 3425.4 | 3908.3 | 3920.4 | 3932.5 | 4310.4 | 4688.4 | 5074.8 | 5461.1 | 5461.1 | 5461.1 |
| 2287.4 | 75°   | 2787.1 | 3286.8 | 3331.6 | 3376.5 | 3670.6 | 3964.6 | 4236.6 | 4508.6 | 4508.6 | 4508.6 |
| 1634.3 | 77.5° | 2100.7 | 2567.2 | 2631.4 | 2695.7 | 2919.2 | 3142.7 | 3335.6 | 3528.6 | 3528.6 | 3528.6 |
| 1069.6 | 80°   | 1462.1 | 1854.5 | 1934.3 | 2014.1 | 2182.9 | 2351.7 | 2453.0 | 2554.2 | 2554.2 | 2554.2 |
| 621.8  | 82.5° | 890.1  | 1158.4 | 1247.5 | 1336.7 | 1452.9 | 1569.1 | 1611.4 | 1653.6 | 1653.6 | 1653.6 |
| 273.6  | 85°   | 416.0  | 558.4  | 634.2  | 710.0  | 805.5  | 900.9  | 924.9  | 948.9  | 948.9  | 948.9  |
| 84.7   | 87.5° | 132.5  | 180.4  | 222.7  | 265.0  | 312.8  | 360.5  | 362.5  | 364.6  | 364.6  | 364.6  |
| 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):**

| 325°   |       | 330°   | 335°   | 340°   | 345°   | 350°   | 355°   | 360°   |
|--------|-------|--------|--------|--------|--------|--------|--------|--------|
| 1026.5 | 0°    | 1026.5 | 1026.5 | 1026.5 | 1026.5 | 1026.5 | 1026.5 | 1026.5 |
| 1133.1 | 2.5°  | 1131.3 | 1127.7 | 1124.2 | 1118.2 | 1112.3 | 1108.1 | 1103.9 |
| 1265.8 | 5°    | 1261.1 | 1253.2 | 1245.3 | 1230.8 | 1216.3 | 1201.6 | 1187.0 |
| 1393.6 | 7.5°  | 1386.6 | 1373.7 | 1360.8 | 1339.5 | 1318.1 | 1294.3 | 1270.5 |
| 1478.1 | 10°   | 1471.3 | 1456.2 | 1441.0 | 1415.9 | 1390.8 | 1362.7 | 1334.5 |
| 1505.7 | 12.5° | 1502.0 | 1491.0 | 1480.0 | 1457.3 | 1434.7 | 1404.2 | 1373.7 |
| 1475.5 | 15°   | 1479.4 | 1479.0 | 1478.6 | 1464.4 | 1450.1 | 1423.9 | 1397.6 |
| 1400.5 | 17.5° | 1415.1 | 1431.0 | 1447.0 | 1446.8 | 1446.5 | 1428.7 | 1410.9 |
| 1304.6 | 20°   | 1330.3 | 1365.5 | 1400.7 | 1419.4 | 1438.1 | 1431.9 | 1425.7 |
| 1213.4 | 22.5° | 1245.5 | 1297.3 | 1349.1 | 1387.9 | 1426.6 | 1434.7 | 1442.9 |
| 1136.5 | 25°   | 1170.2 | 1233.1 | 1296.0 | 1354.9 | 1413.7 | 1439.3 | 1464.9 |
| 1074.8 | 27.5° | 1108.0 | 1177.7 | 1247.4 | 1325.3 | 1403.3 | 1449.1 | 1494.8 |
| 1030.8 | 30°   | 1061.6 | 1134.2 | 1206.8 | 1302.8 | 1398.7 | 1467.0 | 1535.2 |
| 1018.2 | 32.5° | 1042.3 | 1110.6 | 1178.9 | 1287.4 | 1396.0 | 1489.4 | 1582.9 |
| 1085.4 | 35°   | 1091.0 | 1138.4 | 1185.8 | 1298.9 | 1412.1 | 1526.4 | 1640.8 |
| 1283.2 | 37.5° | 1257.4 | 1260.5 | 1263.6 | 1366.4 | 1469.2 | 1603.7 | 1738.3 |
| 1610.6 | 40°   | 1547.9 | 1494.0 | 1440.0 | 1516.5 | 1592.9 | 1739.3 | 1885.6 |
| 2051.8 | 42.5° | 1937.9 | 1820.2 | 1702.5 | 1746.5 | 1790.6 | 1935.8 | 2081.0 |
| 2586.8 | 45°   | 2399.6 | 2211.0 | 2022.5 | 2041.9 | 2061.4 | 2191.8 | 2322.2 |
| 3180.3 | 47.5° | 2906.3 | 2634.3 | 2362.3 | 2366.2 | 2370.2 | 2497.1 | 2624.0 |
| 3770.2 | 50°   | 3408.5 | 3057.9 | 2707.3 | 2706.7 | 2706.0 | 2862.7 | 3019.4 |
| 4340.5 | 52.5° | 3893.0 | 3474.2 | 3055.5 | 3074.7 | 3093.9 | 3283.6 | 3473.4 |
| 4897.7 | 55°   | 4364.2 | 3898.2 | 3432.1 | 3506.9 | 3581.7 | 3769.2 | 3956.7 |
| 5437.5 | 57.5° | 4833.2 | 4362.6 | 3892.0 | 4042.0 | 4192.1 | 4294.2 | 4396.3 |
| 6144.3 | 60°   | 5497.3 | 5051.9 | 4606.6 | 4792.9 | 4979.2 | 4820.6 | 4662.0 |
| 6783.3 | 62.5° | 6167.7 | 5759.7 | 5351.7 | 5372.7 | 5393.7 | 4960.4 | 4527.1 |
| 6865.2 | 65°   | 6268.3 | 5749.8 | 5231.4 | 5150.9 | 5070.5 | 4663.8 | 4257.1 |
| 6424.1 | 67.5° | 5824.7 | 5284.5 | 4744.3 | 4706.6 | 4668.9 | 4282.1 | 3895.3 |
| 5817.9 | 70°   | 5302.0 | 4818.9 | 4335.8 | 4318.9 | 4302.1 | 3881.3 | 3460.6 |
| 5074.8 | 72.5° | 4688.4 | 4310.4 | 3932.5 | 3920.4 | 3908.3 | 3425.4 | 2942.6 |
| 4236.6 | 75°   | 3964.6 | 3670.6 | 3376.5 | 3331.6 | 3286.8 | 2787.1 | 2287.4 |
| 3335.6 | 77.5° | 3142.7 | 2919.2 | 2695.7 | 2631.4 | 2567.2 | 2100.7 | 1634.3 |
| 2453.0 | 80°   | 2351.7 | 2182.9 | 2014.1 | 1934.3 | 1854.5 | 1462.1 | 1069.6 |
| 1611.4 | 82.5° | 1569.1 | 1452.9 | 1336.7 | 1247.5 | 1158.4 | 890.1  | 621.8  |
| 924.9  | 85°   | 900.9  | 805.5  | 710.0  | 634.2  | 558.4  | 416.0  | 273.6  |
| 362.5  | 87.5° | 360.5  | 312.8  | 265.0  | 222.7  | 180.4  | 132.5  | 84.7   |
| 0.0    | 90°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |

(END OF REPORT)