

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: P147062

Luminaire Tested: **RDG-E01-LED-E-U-T4-7060**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P147062  
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (P33696)  
Test Lab: INNOVATION CENTER-P3  
Issue Date: 3/3/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: RDG-E01-LED-E-U-T4-7060  
Description: RIDGEVIEW LED AREA ROADWAY LUMINAIRE  
(1) LIGHTBARS WITH AccuLED OPTICS - TYPE 4 SHORT  
Light Source: (21) 5700K CCT, 70 CRI LEDs  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 3015.3 lumens  
Efficiency: N/A  
Efficacy: 122.1 lumens/watt  
Luminous Opening: Rectangular (W 0.17' x L: 1' x H: 0')  
IES Classification: Type IV - Short - Semi-Cutoff  
BUG Rating: B1 - U0 - G1

Input Watts (W): 24.7  
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: 28.75 FT

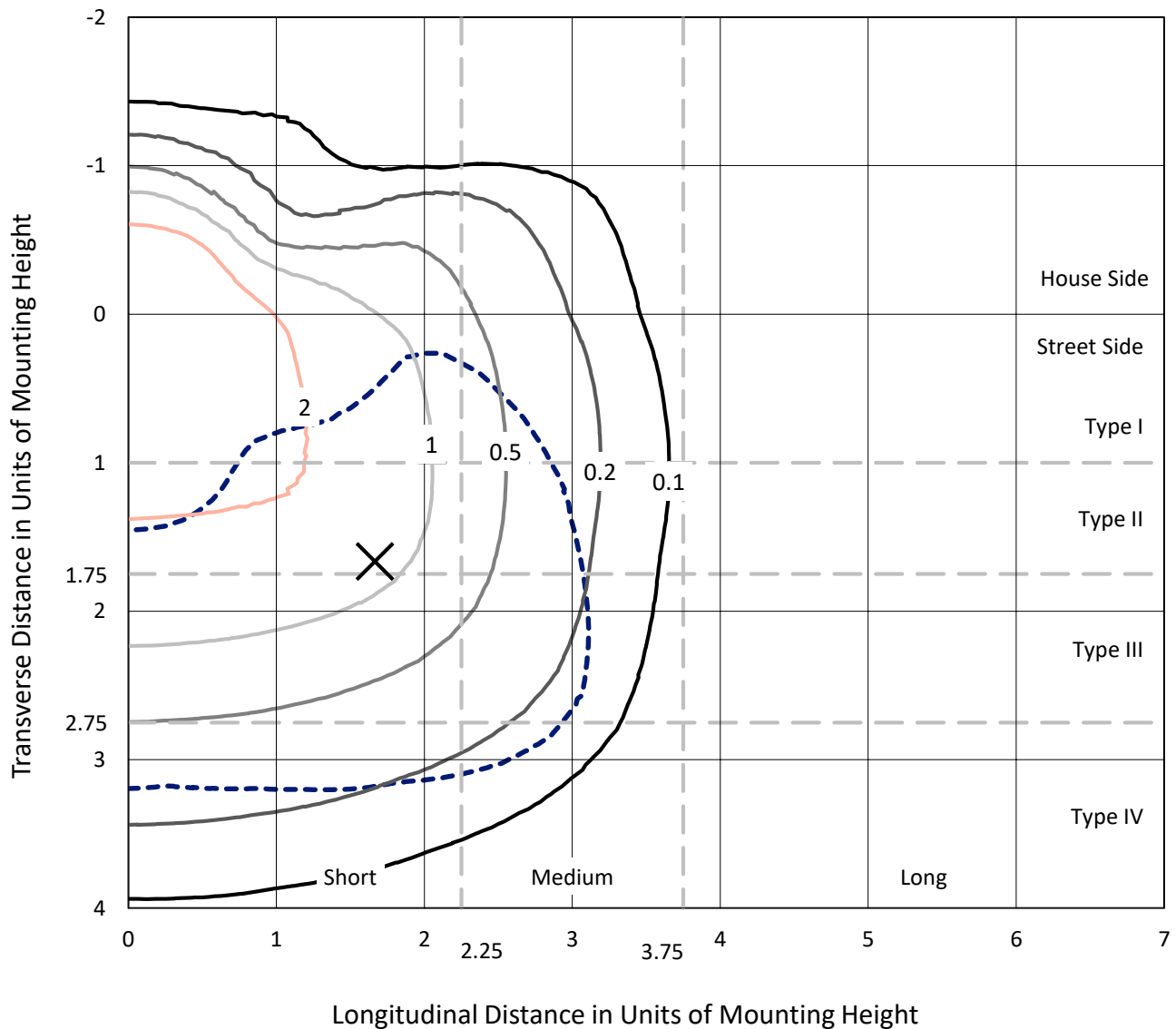


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## Iso-Footcandle Lines of Horizontal Illumination

× Max cd  
 --- 1/2 Max cd

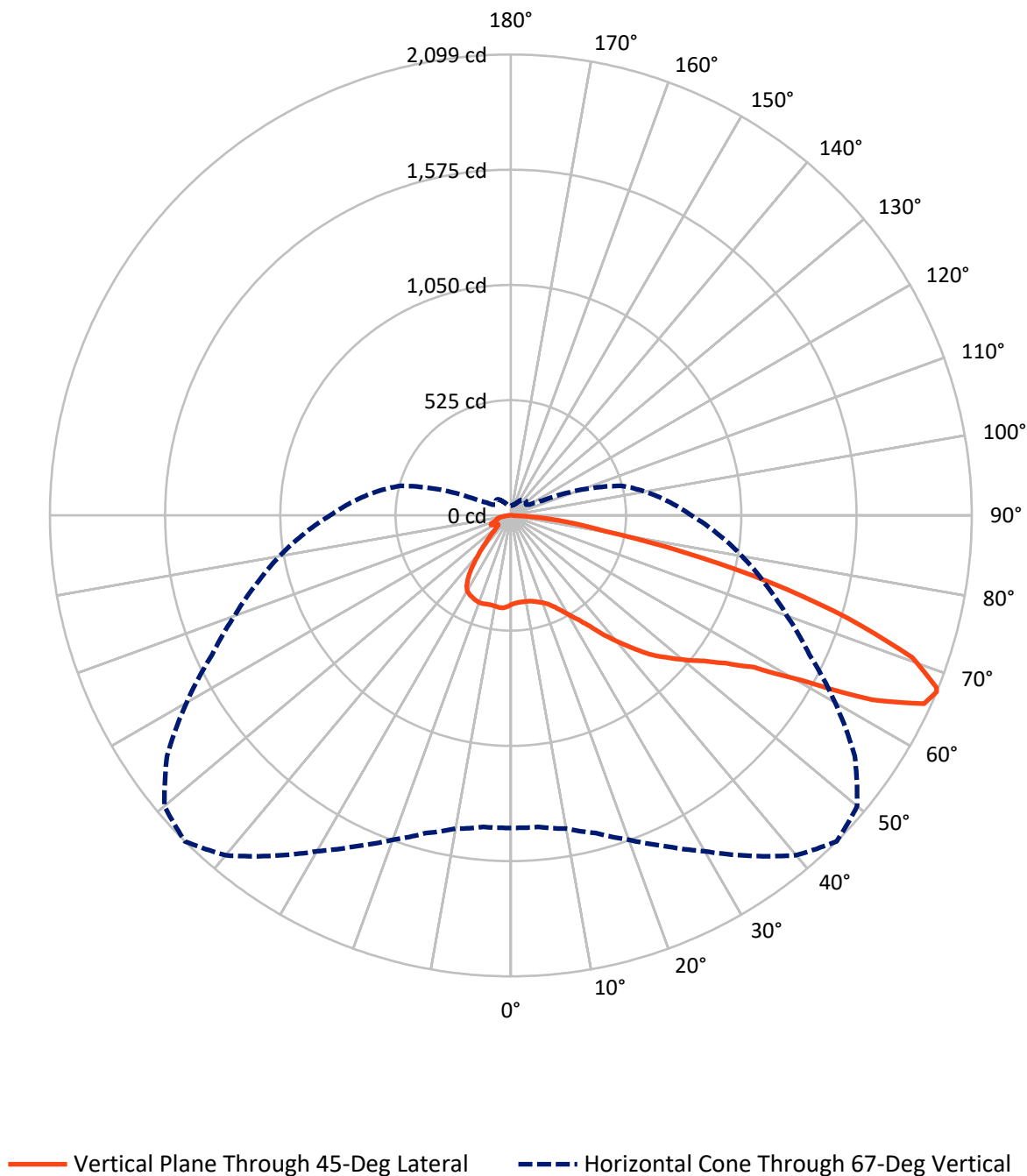


Based on 10 foot mounting height. Maximum calculated value = 4.1 fc  
 Type IV - Short - Semi-Cutoff

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## Luminous Intensity Polar Plot



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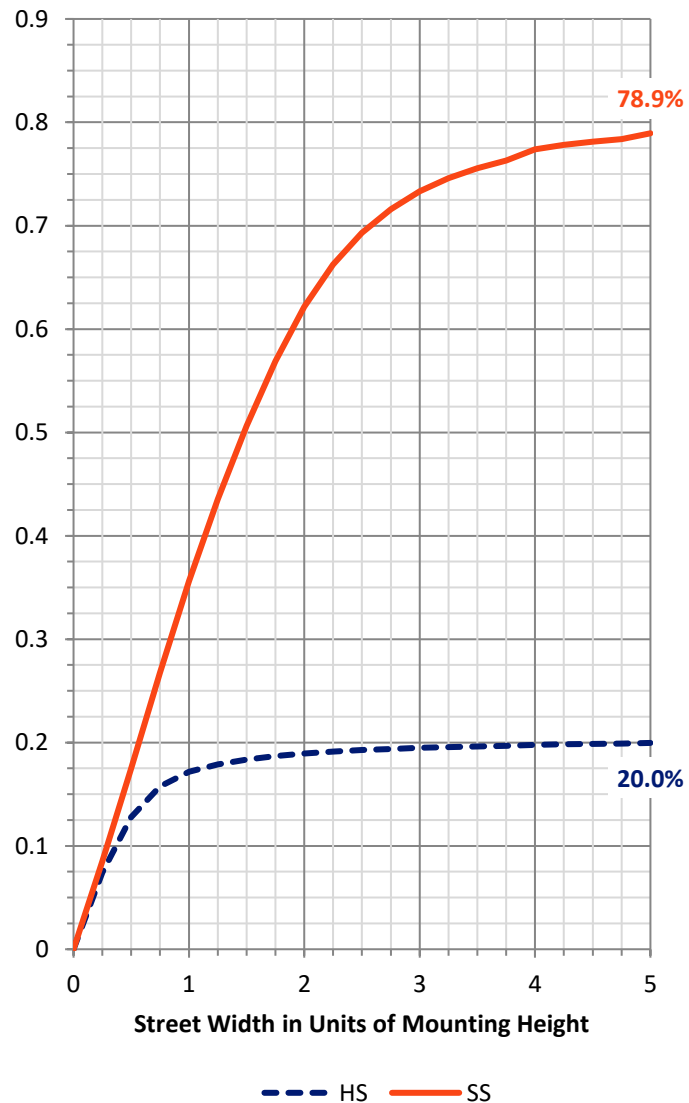
**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total  |
|--------------------|-----------|----------|--------|--------|
| <b>House Side</b>  | Lumens    | 611.0    | 0.0    | 611.0  |
|                    | % Fixture | 20.3     | 0.0    | 20.3   |
| <b>Street Side</b> | Lumens    | 2404.4   | 0.0    | 2404.4 |
|                    | % Fixture | 79.7     | 0.0    | 79.7   |
| <b>Total</b>       | Lumens    | 3015.3   | 0.0    | 3015.3 |
|                    | % Fixture | 100.0    | 0.0    | 100.0  |

**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 39.1   | 1.3       |
| 10°-20°   | 117.5  | 3.9       |
| 20°-30°   | 199.7  | 6.6       |
| 30°-40°   | 300.1  | 10.0      |
| 40°-50°   | 390.2  | 12.9      |
| 50°-60°   | 535.7  | 17.8      |
| 60°-70°   | 845.1  | 28.0      |
| 70°-80°   | 510.6  | 16.9      |
| 80°-90°   | 77.4   | 2.6       |
| 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°    | 3015.3 | 100.0     |
| 0°-180°   | 3015.3 | 100.0     |

**Coefficient of Utilization**



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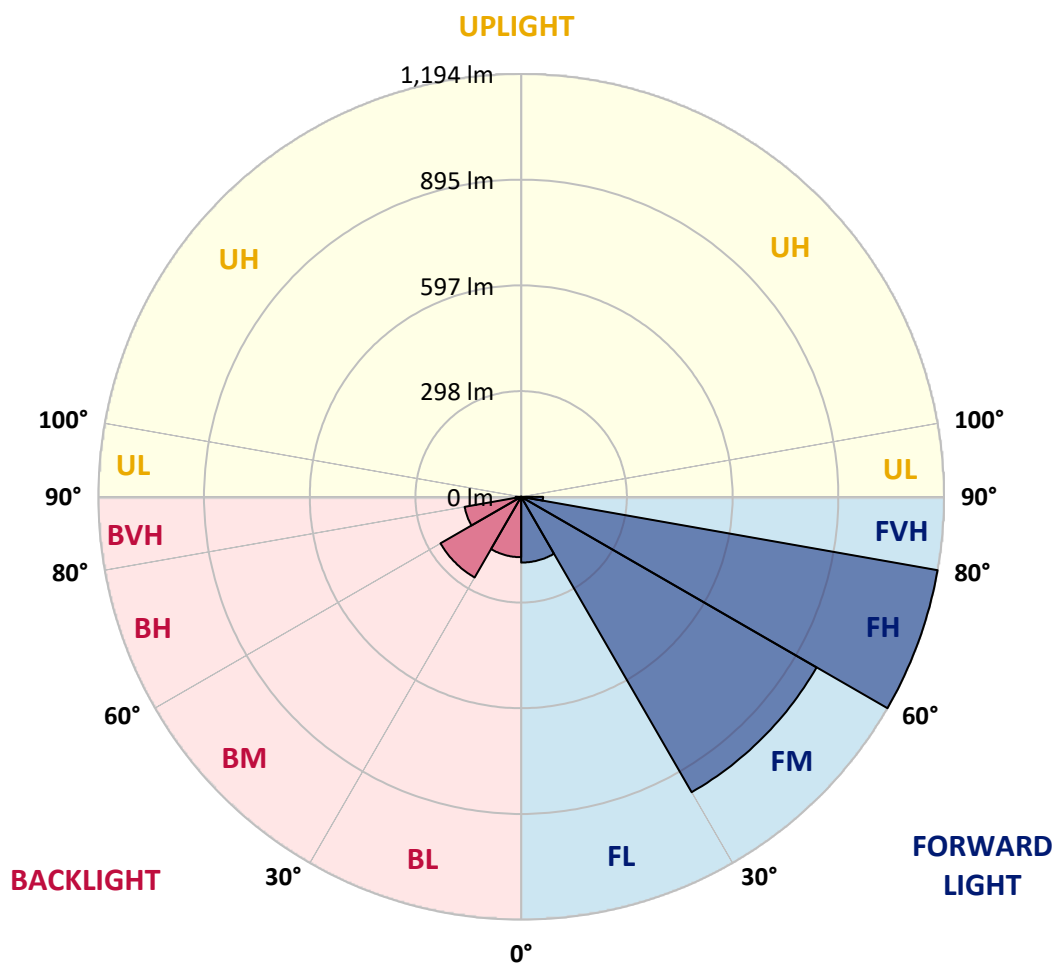
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

| Zone |             | Lumens | % Fixture | Zone Rating/Lumen Limit |      |         |
|------|-------------|--------|-----------|-------------------------|------|---------|
|      |             |        |           | B                       | U    | G       |
| FL   | (0°-30°)    | 185.7  | 6.2       |                         |      |         |
| FM   | (30°-60°)   | 963.1  | 31.9      |                         |      |         |
| FH   | (60°-80°)   | 1193.8 | 39.6      |                         |      | G1/1800 |
| FVH  | (80°-90°)   | 61.8   | 2.0       |                         |      | G1/100  |
| BL   | (0°-30°)    | 170.6  | 5.7       | B1/500                  |      |         |
| BM   | (30°-60°)   | 262.9  | 8.7       | B1/1000                 |      |         |
| BH   | (60°-80°)   | 161.9  | 5.4       | B1/500                  |      | G1/500  |
| BVH  | (80°-90°)   | 15.6   | 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-G1**

Type IV Short





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**CANDELA DISTRIBUTION (FULL):**

|       | 0°     | 5°     | 10°    | 15°    | 20°    | 25°    | 30°    | 35°    | 40°    | 45°    | 50°    |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 405.9  | 405.9  | 405.9  | 405.9  | 405.9  | 405.9  | 405.9  | 405.9  | 405.9  | 405.9  | 405.9  |
| 2.5°  | 396.9  | 397.7  | 397.1  | 397.1  | 397.3  | 397.5  | 397.9  | 398.7  | 398.9  | 400.2  | 400.4  |
| 5°    | 388.9  | 389.1  | 389.1  | 389.3  | 390.5  | 391.6  | 392.6  | 394.0  | 395.3  | 397.5  | 398.9  |
| 7.5°  | 386.0  | 386.8  | 386.6  | 387.0  | 388.3  | 389.3  | 390.5  | 392.6  | 395.7  | 397.5  | 399.6  |
| 10°   | 390.7  | 391.4  | 390.7  | 390.9  | 391.2  | 392.2  | 392.6  | 394.0  | 396.5  | 398.1  | 400.0  |
| 12.5° | 401.6  | 401.6  | 401.0  | 400.6  | 400.0  | 400.2  | 399.4  | 399.2  | 400.4  | 400.6  | 400.8  |
| 15°   | 416.0  | 417.6  | 415.6  | 413.9  | 413.1  | 412.3  | 409.6  | 408.6  | 408.4  | 406.5  | 404.7  |
| 17.5° | 430.6  | 431.0  | 429.7  | 427.9  | 426.7  | 424.8  | 422.6  | 420.5  | 418.0  | 415.2  | 411.5  |
| 20°   | 446.8  | 447.0  | 445.3  | 442.7  | 441.2  | 439.0  | 436.1  | 432.6  | 429.5  | 425.0  | 420.9  |
| 22.5° | 469.3  | 469.1  | 465.9  | 463.6  | 461.5  | 458.9  | 454.8  | 450.0  | 445.1  | 439.8  | 434.0  |
| 25°   | 495.2  | 495.2  | 492.9  | 489.2  | 488.2  | 484.3  | 479.8  | 474.3  | 469.1  | 461.5  | 454.6  |
| 27.5° | 524.8  | 525.0  | 520.9  | 518.8  | 516.5  | 512.4  | 509.4  | 505.0  | 498.1  | 490.5  | 483.3  |
| 30°   | 559.8  | 558.8  | 555.5  | 551.2  | 550.4  | 547.1  | 542.8  | 539.7  | 531.1  | 525.8  | 517.8  |
| 32.5° | 593.1  | 594.7  | 593.9  | 589.0  | 589.8  | 586.5  | 582.8  | 580.6  | 571.5  | 566.4  | 559.0  |
| 35°   | 642.8  | 644.2  | 645.4  | 643.6  | 644.6  | 642.8  | 639.7  | 633.7  | 626.3  | 619.6  | 609.3  |
| 37.5° | 681.3  | 682.8  | 683.6  | 688.1  | 694.7  | 701.0  | 703.9  | 700.8  | 701.2  | 691.0  | 677.2  |
| 40°   | 712.9  | 716.4  | 721.4  | 730.0  | 743.1  | 755.2  | 761.8  | 766.9  | 769.6  | 759.9  | 742.1  |
| 42.5° | 744.5  | 748.2  | 755.0  | 768.8  | 786.8  | 804.3  | 818.0  | 833.8  | 836.7  | 834.2  | 819.0  |
| 45°   | 777.6  | 781.9  | 790.3  | 805.9  | 827.0  | 849.8  | 872.0  | 894.4  | 905.6  | 907.5  | 889.0  |
| 47.5° | 817.4  | 823.6  | 831.4  | 849.0  | 869.5  | 895.2  | 922.9  | 951.6  | 969.3  | 969.3  | 947.9  |
| 50°   | 867.1  | 874.0  | 880.6  | 898.3  | 918.8  | 945.2  | 977.3  | 1009.3 | 1033.3 | 1034.7 | 1008.9 |
| 52.5° | 936.6  | 937.7  | 941.6  | 957.8  | 975.6  | 1005.2 | 1035.5 | 1072.7 | 1100.4 | 1101.6 | 1071.9 |
| 55°   | 1021.2 | 1021.2 | 1025.7 | 1039.2 | 1055.9 | 1080.3 | 1111.7 | 1152.9 | 1182.1 | 1188.4 | 1150.3 |
| 57.5° | 1132.4 | 1136.5 | 1138.8 | 1154.6 | 1165.9 | 1191.7 | 1218.0 | 1262.9 | 1300.1 | 1304.2 | 1265.4 |
| 60°   | 1313.4 | 1305.6 | 1318.1 | 1332.1 | 1358.6 | 1377.4 | 1422.2 | 1467.3 | 1514.7 | 1526.0 | 1484.4 |
| 62.5° | 1491.8 | 1500.2 | 1515.6 | 1540.8 | 1586.2 | 1628.4 | 1692.5 | 1761.0 | 1834.7 | 1849.9 | 1818.1 |
| 65°   | 1502.8 | 1508.0 | 1529.3 | 1572.8 | 1634.8 | 1710.1 | 1798.4 | 1901.6 | 2011.4 | 2068.2 | 2014.9 |
| 67°   | 1423.2 | 1424.6 | 1448.9 | 1498.3 | 1572.6 | 1661.9 | 1766.3 | 1892.3 | 2021.2 | 2099.4 | 2059.6 |
| 67.5° | 1398.0 | 1400.6 | 1424.4 | 1474.9 | 1550.0 | 1641.4 | 1747.9 | 1877.4 | 2009.3 | 2091.0 | 2055.1 |
| 70°   | 1249.8 | 1249.8 | 1275.4 | 1326.3 | 1396.7 | 1485.8 | 1597.2 | 1728.0 | 1871.4 | 1940.2 | 1909.6 |
| 72.5° | 1063.9 | 1057.1 | 1086.0 | 1124.6 | 1182.1 | 1259.9 | 1349.5 | 1452.8 | 1560.7 | 1610.8 | 1598.7 |
| 75°   | 773.3  | 786.0  | 801.0  | 829.5  | 879.4  | 940.7  | 993.3  | 1085.4 | 1170.2 | 1225.6 | 1211.0 |
| 77.5° | 421.9  | 426.9  | 468.3  | 485.3  | 529.1  | 574.6  | 632.3  | 696.9  | 763.6  | 798.5  | 784.4  |
| 80°   | 250.8  | 260.4  | 285.1  | 305.4  | 329.0  | 363.7  | 405.5  | 419.7  | 432.8  | 432.0  | 406.3  |
| 82.5° | 158.4  | 170.1  | 196.8  | 214.3  | 226.6  | 246.7  | 269.5  | 287.3  | 291.2  | 271.9  | 242.2  |
| 85°   | 25.7   | 42.5   | 111.0  | 130.5  | 138.3  | 149.2  | 166.0  | 173.6  | 162.1  | 141.6  | 146.7  |
| 87.5° | 10.1   | 12.1   | 33.9   | 42.9   | 45.4   | 23.8   | 41.2   | 48.4   | 24.6   | 12.5   | 28.3   |
| 90°   | 0.0    | 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):**

|       | 55°    | 60°    | 65°    | 70°    | 75°    | 80°    | 85°   | 90°   | 95°   | 100°  | 105°  |
|-------|--------|--------|--------|--------|--------|--------|-------|-------|-------|-------|-------|
| 0°    | 405.9  | 405.9  | 405.9  | 405.9  | 405.9  | 405.9  | 405.9 | 405.9 | 405.9 | 405.9 | 405.9 |
| 2.5°  | 401.6  | 402.6  | 403.7  | 404.9  | 405.3  | 406.3  | 408.2 | 408.0 | 409.4 | 410.0 | 411.1 |
| 5°    | 400.8  | 403.1  | 404.7  | 407.0  | 407.8  | 410.0  | 412.5 | 413.3 | 415.2 | 416.6 | 417.8 |
| 7.5°  | 402.4  | 404.9  | 407.0  | 409.6  | 411.5  | 413.3  | 415.2 | 417.4 | 419.1 | 420.1 | 420.9 |
| 10°   | 403.1  | 405.7  | 408.2  | 410.4  | 412.5  | 413.9  | 416.0 | 417.8 | 419.5 | 420.1 | 420.3 |
| 12.5° | 403.3  | 405.1  | 407.6  | 410.0  | 411.9  | 413.7  | 415.2 | 417.2 | 418.4 | 418.7 | 418.2 |
| 15°   | 404.9  | 405.1  | 406.7  | 409.6  | 411.5  | 413.3  | 414.3 | 415.4 | 416.2 | 415.6 | 415.0 |
| 17.5° | 409.8  | 408.4  | 408.4  | 409.8  | 410.9  | 411.7  | 411.9 | 411.7 | 410.9 | 409.6 | 408.6 |
| 20°   | 417.8  | 415.0  | 412.7  | 411.9  | 410.2  | 408.2  | 405.5 | 403.1 | 400.0 | 398.5 | 398.3 |
| 22.5° | 430.3  | 426.0  | 421.9  | 417.8  | 412.5  | 406.5  | 400.4 | 395.1 | 390.7 | 388.5 | 388.7 |
| 25°   | 451.7  | 445.3  | 440.6  | 433.4  | 424.8  | 416.4  | 408.4 | 401.2 | 396.1 | 392.0 | 392.8 |
| 27.5° | 480.4  | 473.2  | 469.1  | 460.9  | 451.1  | 440.4  | 431.0 | 421.1 | 413.7 | 408.6 | 409.6 |
| 30°   | 514.1  | 512.0  | 505.3  | 497.0  | 487.8  | 475.7  | 461.5 | 446.8 | 433.4 | 425.0 | 423.4 |
| 32.5° | 554.7  | 552.5  | 545.1  | 538.1  | 526.2  | 512.8  | 494.4 | 471.0 | 450.0 | 434.0 | 427.1 |
| 35°   | 604.8  | 599.2  | 590.2  | 583.4  | 570.1  | 552.9  | 529.1 | 497.5 | 465.6 | 441.6 | 424.2 |
| 37.5° | 667.2  | 653.4  | 638.4  | 620.8  | 601.1  | 580.2  | 552.7 | 515.7 | 476.3 | 442.3 | 411.3 |
| 40°   | 726.7  | 704.5  | 679.7  | 651.8  | 627.8  | 602.5  | 574.0 | 531.7 | 483.5 | 437.9 | 391.8 |
| 42.5° | 793.0  | 758.5  | 724.8  | 686.5  | 654.9  | 624.9  | 592.3 | 543.0 | 484.9 | 426.2 | 366.5 |
| 45°   | 856.8  | 812.5  | 767.3  | 719.9  | 679.7  | 646.4  | 609.3 | 552.7 | 484.5 | 413.9 | 341.5 |
| 47.5° | 913.6  | 860.7  | 804.9  | 751.5  | 704.7  | 668.2  | 627.6 | 565.8 | 490.1 | 410.4 | 324.9 |
| 50°   | 966.8  | 905.6  | 840.2  | 780.9  | 730.0  | 692.6  | 650.8 | 586.5 | 507.1 | 418.4 | 322.4 |
| 52.5° | 1021.6 | 955.1  | 880.2  | 816.4  | 763.2  | 719.9  | 677.6 | 613.0 | 530.9 | 434.9 | 327.9 |
| 55°   | 1093.0 | 1016.7 | 936.8  | 866.0  | 805.1  | 758.5  | 709.7 | 645.0 | 556.6 | 453.9 | 338.4 |
| 57.5° | 1199.3 | 1110.0 | 1019.3 | 943.2  | 872.8  | 814.7  | 761.2 | 687.1 | 599.0 | 482.7 | 361.4 |
| 60°   | 1390.2 | 1291.3 | 1186.2 | 1086.6 | 1005.6 | 937.7  | 869.5 | 777.6 | 677.4 | 547.9 | 414.1 |
| 62.5° | 1701.9 | 1565.0 | 1419.7 | 1288.8 | 1177.4 | 1085.4 | 989.4 | 879.0 | 762.2 | 627.2 | 494.0 |
| 65°   | 1889.3 | 1700.5 | 1515.6 | 1363.7 | 1231.9 | 1114.1 | 998.0 | 879.4 | 766.3 | 648.3 | 529.9 |
| 67°   | 1912.5 | 1705.4 | 1500.8 | 1339.1 | 1197.9 | 1069.6 | 943.6 | 822.3 | 721.1 | 622.2 | 520.0 |
| 67.5° | 1905.5 | 1695.5 | 1486.8 | 1323.5 | 1180.8 | 1056.7 | 932.7 | 808.6 | 710.1 | 611.1 | 512.6 |
| 70°   | 1768.0 | 1562.6 | 1356.1 | 1197.3 | 1060.6 | 933.6  | 816.4 | 692.0 | 615.9 | 545.1 | 459.9 |
| 72.5° | 1467.3 | 1307.1 | 1134.1 | 1001.7 | 883.7  | 773.7  | 670.7 | 566.6 | 505.5 | 455.4 | 395.5 |
| 75°   | 1088.1 | 941.1  | 794.8  | 715.2  | 623.7  | 535.6  | 456.0 | 379.0 | 355.4 | 343.5 | 308.2 |
| 77.5° | 671.9  | 539.9  | 429.7  | 357.7  | 284.4  | 222.9  | 177.3 | 144.3 | 150.4 | 175.1 | 186.3 |
| 80°   | 334.5  | 247.1  | 191.3  | 152.1  | 122.9  | 99.3   | 72.9  | 53.4  | 63.8  | 75.7  | 85.8  |
| 82.5° | 201.3  | 159.0  | 125.8  | 106.5  | 86.6   | 66.9   | 47.4  | 36.1  | 40.0  | 53.8  | 59.1  |
| 85°   | 125.0  | 100.1  | 80.0   | 66.9   | 55.4   | 41.0   | 26.9  | 26.7  | 28.3  | 35.7  | 40.8  |
| 87.5° | 36.7   | 24.8   | 19.7   | 20.5   | 22.8   | 18.9   | 14.2  | 12.1  | 15.0  | 20.5  | 23.0  |
| 90°   | 0.0    | 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):**

|       | 110°  | 115°  | 120°  | 125°  | 130°  | 135°  | 140°  | 145°  | 150°  | 155°  | 160°  |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°    | 405.9 | 405.9 | 405.9 | 405.9 | 405.9 | 405.9 | 405.9 | 405.9 | 405.9 | 405.9 | 405.9 |
| 2.5°  | 411.3 | 412.7 | 413.3 | 413.5 | 413.7 | 415.0 | 415.0 | 416.2 | 416.6 | 416.6 | 417.0 |
| 5°    | 419.1 | 420.5 | 421.1 | 421.3 | 421.7 | 422.3 | 422.1 | 423.0 | 423.4 | 423.2 | 423.2 |
| 7.5°  | 421.9 | 422.3 | 422.3 | 423.0 | 423.6 | 423.0 | 422.6 | 423.0 | 422.8 | 423.0 | 423.0 |
| 10°   | 420.9 | 420.5 | 420.5 | 420.1 | 420.7 | 419.5 | 419.5 | 419.9 | 419.7 | 420.1 | 420.7 |
| 12.5° | 418.4 | 418.2 | 417.6 | 417.4 | 418.2 | 417.4 | 417.6 | 418.2 | 418.7 | 419.5 | 420.5 |
| 15°   | 415.0 | 414.3 | 414.3 | 415.2 | 417.2 | 417.8 | 418.7 | 419.7 | 419.9 | 420.3 | 420.7 |
| 17.5° | 409.0 | 410.0 | 412.5 | 415.4 | 419.3 | 420.7 | 421.1 | 420.5 | 418.4 | 416.8 | 415.2 |
| 20°   | 400.8 | 405.3 | 411.7 | 417.8 | 422.6 | 422.3 | 419.7 | 415.8 | 410.9 | 407.4 | 405.1 |
| 22.5° | 393.8 | 402.6 | 412.5 | 419.9 | 423.0 | 419.1 | 412.9 | 407.0 | 401.2 | 396.1 | 391.6 |
| 25°   | 398.7 | 407.2 | 415.6 | 420.1 | 419.9 | 413.1 | 404.9 | 398.3 | 390.5 | 383.4 | 375.8 |
| 27.5° | 414.8 | 419.9 | 422.3 | 420.9 | 416.6 | 407.6 | 398.5 | 389.3 | 379.2 | 370.6 | 361.8 |
| 30°   | 425.6 | 425.6 | 423.2 | 417.4 | 409.8 | 399.8 | 388.7 | 376.8 | 364.9 | 354.8 | 344.8 |
| 32.5° | 422.1 | 414.1 | 407.0 | 399.2 | 390.5 | 379.7 | 366.9 | 354.0 | 340.5 | 328.8 | 320.1 |
| 35°   | 407.0 | 389.7 | 374.7 | 363.7 | 354.6 | 341.7 | 326.9 | 312.1 | 301.1 | 293.1 | 288.1 |
| 37.5° | 379.9 | 352.4 | 330.6 | 317.1 | 303.1 | 289.8 | 272.7 | 266.0 | 256.1 | 251.2 | 249.3 |
| 40°   | 347.0 | 306.8 | 279.5 | 262.1 | 247.3 | 230.7 | 219.2 | 214.9 | 211.2 | 210.1 | 209.3 |
| 42.5° | 309.3 | 259.0 | 226.6 | 208.5 | 190.7 | 178.5 | 173.4 | 170.7 | 170.1 | 170.1 | 171.2 |
| 45°   | 270.1 | 210.4 | 173.0 | 158.4 | 143.7 | 137.3 | 136.1 | 134.8 | 135.0 | 134.4 | 134.8 |
| 47.5° | 239.7 | 168.9 | 130.5 | 117.2 | 109.6 | 107.5 | 106.1 | 105.7 | 105.7 | 104.7 | 103.4 |
| 50°   | 223.9 | 141.2 | 102.4 | 91.9  | 87.6  | 86.2  | 86.2  | 85.4  | 83.7  | 82.7  | 80.0  |
| 52.5° | 219.8 | 126.8 | 88.7  | 79.6  | 75.9  | 74.7  | 73.5  | 72.2  | 69.8  | 67.5  | 64.4  |
| 55°   | 223.1 | 122.3 | 84.3  | 75.9  | 71.8  | 70.4  | 69.4  | 67.3  | 63.8  | 60.5  | 57.1  |
| 57.5° | 236.8 | 125.2 | 86.0  | 77.0  | 73.3  | 72.2  | 71.2  | 68.1  | 63.8  | 59.1  | 55.2  |
| 60°   | 274.4 | 138.7 | 93.0  | 82.5  | 79.4  | 79.6  | 78.2  | 74.3  | 68.1  | 61.4  | 55.6  |
| 62.5° | 322.8 | 157.6 | 102.0 | 90.3  | 89.9  | 91.9  | 91.9  | 85.2  | 75.1  | 64.8  | 57.1  |
| 65°   | 350.5 | 163.6 | 103.2 | 91.3  | 94.8  | 100.8 | 100.4 | 91.3  | 77.6  | 64.8  | 56.4  |
| 67°   | 343.5 | 157.2 | 98.1  | 85.4  | 89.5  | 96.2  | 95.4  | 86.8  | 73.9  | 62.2  | 54.8  |
| 67.5° | 338.0 | 155.1 | 96.9  | 83.9  | 88.0  | 93.6  | 93.6  | 85.0  | 72.2  | 61.4  | 54.2  |
| 70°   | 297.6 | 137.1 | 90.7  | 78.4  | 78.4  | 79.8  | 78.8  | 72.6  | 64.0  | 56.4  | 51.7  |
| 72.5° | 248.1 | 119.8 | 85.8  | 74.5  | 70.6  | 69.8  | 68.3  | 64.0  | 58.5  | 53.2  | 49.0  |
| 75°   | 192.3 | 106.1 | 81.9  | 70.4  | 65.3  | 63.4  | 62.0  | 58.7  | 54.4  | 49.9  | 46.4  |
| 77.5° | 134.6 | 90.9  | 76.8  | 66.9  | 61.4  | 59.9  | 57.7  | 54.0  | 50.5  | 46.6  | 43.3  |
| 80°   | 83.5  | 75.1  | 66.9  | 60.3  | 54.6  | 52.5  | 49.7  | 46.4  | 43.5  | 41.2  | 38.8  |
| 82.5° | 59.5  | 55.2  | 49.9  | 46.4  | 40.4  | 34.3  | 36.7  | 36.9  | 35.1  | 33.7  | 33.0  |
| 85°   | 39.8  | 35.9  | 33.2  | 30.2  | 26.7  | 24.0  | 24.6  | 26.5  | 26.7  | 26.1  | 26.1  |
| 87.5° | 21.8  | 18.5  | 17.9  | 18.5  | 16.0  | 15.2  | 15.4  | 17.0  | 17.2  | 17.2  | 17.4  |
| 90°   | 0.0   | 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):**

|       | 165°  | 170°  | 175°  | 180°  |
|-------|-------|-------|-------|-------|
| 0°    | 405.9 | 405.9 | 405.9 | 405.9 |
| 2.5°  | 417.2 | 417.8 | 417.6 | 418.0 |
| 5°    | 423.6 | 424.0 | 423.8 | 424.0 |
| 7.5°  | 422.6 | 423.4 | 423.8 | 423.2 |
| 10°   | 420.9 | 422.1 | 423.0 | 423.0 |
| 12.5° | 421.3 | 423.4 | 424.6 | 424.6 |
| 15°   | 420.9 | 422.6 | 423.0 | 423.0 |
| 17.5° | 414.5 | 414.5 | 414.8 | 413.9 |
| 20°   | 403.5 | 402.2 | 401.8 | 400.4 |
| 22.5° | 387.7 | 384.8 | 382.9 | 381.9 |
| 25°   | 369.6 | 365.1 | 362.2 | 360.6 |
| 27.5° | 354.6 | 350.7 | 347.8 | 346.2 |
| 30°   | 338.0 | 333.5 | 331.8 | 330.6 |
| 32.5° | 314.0 | 309.7 | 308.4 | 307.4 |
| 35°   | 282.8 | 281.4 | 278.1 | 275.8 |
| 37.5° | 246.7 | 244.8 | 243.6 | 242.8 |
| 40°   | 208.9 | 209.1 | 208.1 | 206.2 |
| 42.5° | 171.2 | 173.2 | 171.2 | 170.7 |
| 45°   | 134.4 | 136.7 | 136.7 | 137.3 |
| 47.5° | 103.6 | 103.2 | 104.0 | 104.3 |
| 50°   | 78.4  | 77.2  | 76.8  | 76.1  |
| 52.5° | 62.2  | 60.7  | 59.9  | 58.9  |
| 55°   | 54.8  | 53.2  | 52.3  | 52.1  |
| 57.5° | 52.3  | 50.3  | 49.0  | 48.8  |
| 60°   | 51.7  | 48.8  | 47.2  | 46.8  |
| 62.5° | 51.7  | 48.2  | 46.4  | 45.8  |
| 65°   | 51.1  | 47.6  | 46.0  | 45.4  |
| 67°   | 50.3  | 47.2  | 45.6  | 45.1  |
| 67.5° | 49.9  | 47.0  | 45.6  | 44.9  |
| 70°   | 48.8  | 46.4  | 44.7  | 44.1  |
| 72.5° | 46.6  | 44.5  | 42.9  | 42.5  |
| 75°   | 44.1  | 42.3  | 41.2  | 40.8  |
| 77.5° | 41.2  | 39.6  | 38.4  | 37.4  |
| 80°   | 36.9  | 35.1  | 33.2  | 32.8  |
| 82.5° | 31.4  | 29.3  | 27.9  | 27.7  |
| 85°   | 25.2  | 23.6  | 22.0  | 22.0  |
| 87.5° | 17.6  | 16.6  | 15.6  | 14.6  |
| 90°   | 0.0   | 0.0   | 0.0   | 0.0   |

(END OF REPORT)