

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: P149176

Luminaire Tested: **AVS-F01-LED-E-U-RW-7050**

Issue Date: 3/3/2020

### Test Information

Test Method: LM-79-08  
Report Number: P149176  
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (P33677)  
Test Lab: INNOVATION CENTER-P3  
Issue Date: 3/3/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: AVS-F01-LED-E-U-RW-7050  
Description: VISION SITE SMALL LED LUMINAIRE  
(1) LIGHTBARS WITH AccuLED OPTICS - RECTANGULAR WIDE  
Light Source: (7) 5000K CCT, 70 CRI LEDs  
Ballast/Driver: -

### Summary

Lumens per Lamp: N/A  
Luminaire Lumens: 2646.2 lumens  
Efficiency: N/A  
Efficacy: 102.2 lumens/watt  
Luminous Opening: Rectangular (W 0.17' x L: 1' x H: 0')  
IES Classification: Type V - Medium - Full Cutoff  
BUG Rating: B1 - U0 - G1

Input Watts (W): 25.9  
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: 28.75 FT

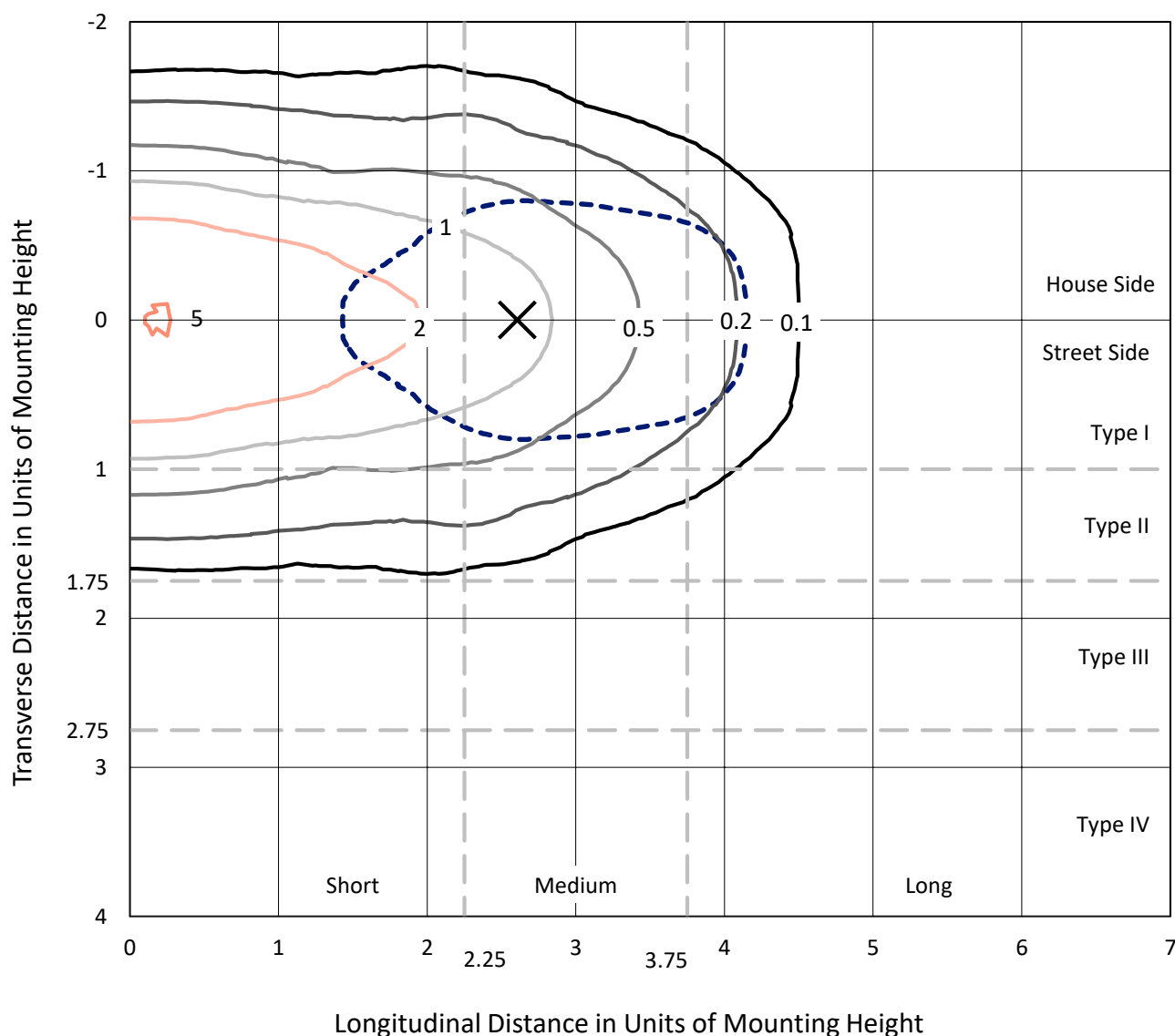


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## Iso-Footcandle Lines of Horizontal Illumination

× Max cd  
 --- 1/2 Max cd

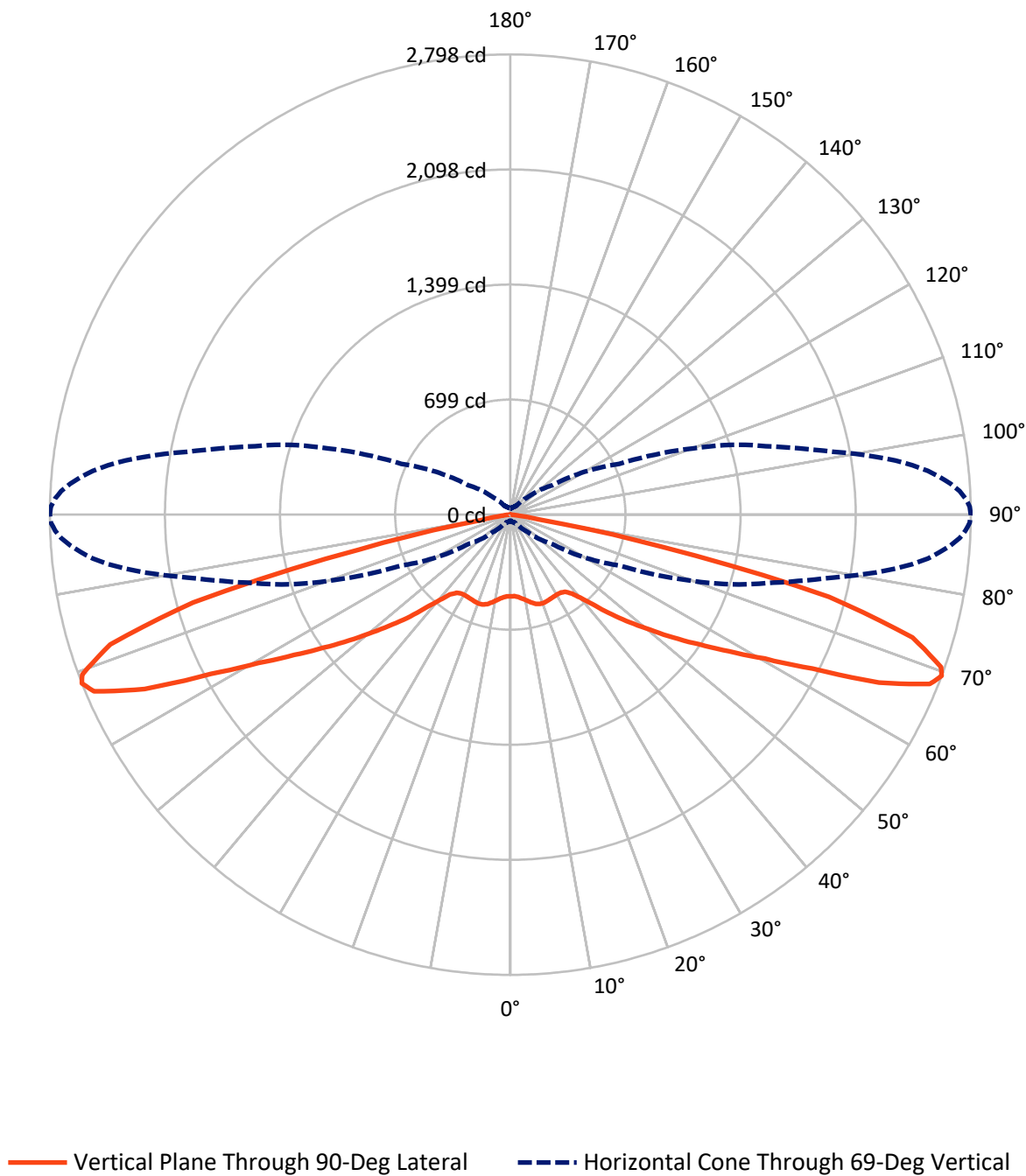


Based on 10 foot mounting height. Maximum calculated value = 5.1 fc  
 Type V - Medium - Full Cutoff

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## Luminous Intensity Polar Plot



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**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total  |
|--------------------|-----------|----------|--------|--------|
| <b>House Side</b>  | Lumens    | 1323.1   | 0.0    | 1323.1 |
|                    | % Fixture | 50.0     | 0.0    | 50.0   |
| <b>Street Side</b> | Lumens    | 1323.1   | 0.0    | 1323.1 |
|                    | % Fixture | 50.0     | 0.0    | 50.0   |
| <b>Total</b>       | Lumens    | 2646.2   | 0.0    | 2646.2 |
|                    | % Fixture | 100.0    | 0.0    | 100.0  |

**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 48.6   | 1.8       |
| 10°-20°   | 153.4  | 5.8       |
| 20°-30°   | 248.6  | 9.4       |
| 30°-40°   | 309.8  | 11.7      |
| 40°-50°   | 387.1  | 14.6      |
| 50°-60°   | 478.0  | 18.1      |
| 60°-70°   | 593.9  | 22.4      |
| 70°-80°   | 394.3  | 14.9      |
| 80°-90°   | 32.6   | 1.2       |
| 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°    | 2646.2 | 100.0     |
| 0°-180°   | 2646.2 | 100.0     |

**Coefficient of Utilization**



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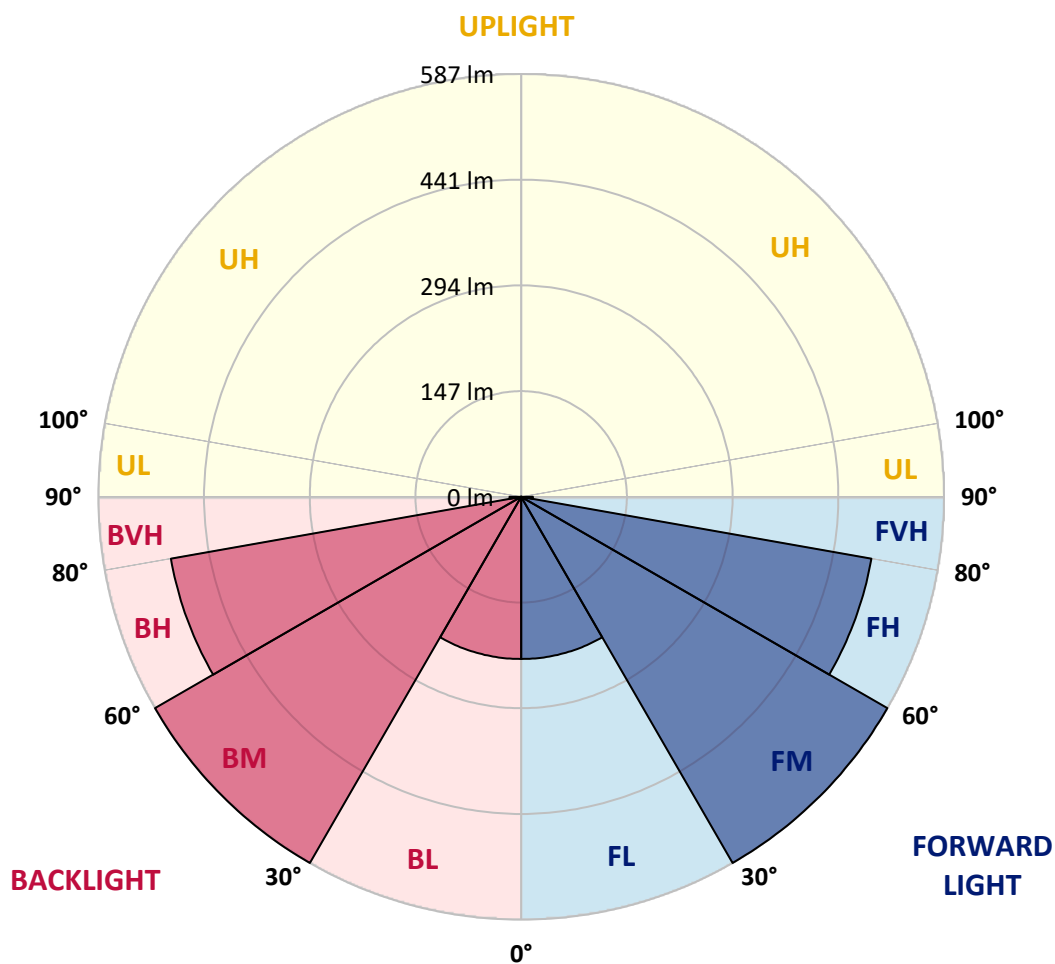
CATALOG NUMBER: AVS-F01-LED-E-U-RW-7050

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

| Zone |             | Lumens | % Fixture | Zone Rating/Lumen Limit |      |        |
|------|-------------|--------|-----------|-------------------------|------|--------|
|      |             |        |           | B                       | U    | G      |
| FL   | (0°-30°)    | 225.3  | 8.5       |                         |      |        |
| FM   | (30°-60°)   | 587.4  | 22.2      |                         |      |        |
| FH   | (60°-80°)   | 494.1  | 18.7      |                         |      | G0/660 |
| FVH  | (80°-90°)   | 16.3   | 0.6       |                         |      | G1/100 |
| BL   | (0°-30°)    | 225.3  | 8.5       | B1/500                  |      |        |
| BM   | (30°-60°)   | 587.4  | 22.2      | B1/1000                 |      |        |
| BH   | (60°-80°)   | 494.1  | 18.7      | B1/500                  |      | G0/660 |
| BVH  | (80°-90°)   | 16.3   | 0.6       |                         |      | 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 V Medium





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**CANDELA DISTRIBUTION (FULL):**

|       | 0°    | 5°    | 15°   | 25°   | 35°   | 45°   | 55°   | 65°   | 66°   | 67°   | 68°    |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| 0°    | 495.9 | 495.9 | 495.9 | 495.9 | 495.9 | 495.9 | 495.9 | 495.9 | 495.9 | 495.9 | 495.9  |
| 2.5°  | 498.1 | 498.5 | 498.2 | 498.8 | 498.6 | 498.6 | 498.4 | 497.8 | 497.7 | 497.6 | 497.6  |
| 5°    | 502.8 | 502.2 | 503.2 | 504.0 | 503.8 | 503.8 | 503.8 | 503.7 | 503.7 | 503.6 | 503.6  |
| 7.5°  | 508.0 | 507.8 | 508.4 | 510.7 | 510.8 | 511.8 | 512.8 | 513.4 | 513.4 | 513.5 | 513.5  |
| 10°   | 512.4 | 512.5 | 513.8 | 517.1 | 518.8 | 521.5 | 524.2 | 526.4 | 526.5 | 526.7 | 526.8  |
| 12.5° | 515.9 | 516.0 | 518.2 | 523.2 | 527.3 | 532.4 | 538.2 | 541.4 | 541.7 | 542.0 | 542.3  |
| 15°   | 516.2 | 516.6 | 520.2 | 528.6 | 536.8 | 545.2 | 552.0 | 556.3 | 556.6 | 556.8 | 557.0  |
| 17.5° | 512.5 | 512.8 | 519.0 | 531.3 | 545.0 | 557.9 | 565.2 | 567.1 | 567.2 | 567.3 | 567.4  |
| 20°   | 502.8 | 503.6 | 512.4 | 530.6 | 551.4 | 568.4 | 575.8 | 573.2 | 572.9 | 572.6 | 572.3  |
| 22.5° | 487.4 | 487.2 | 498.6 | 523.2 | 552.7 | 576.6 | 583.2 | 576.2 | 575.3 | 574.5 | 573.6  |
| 25°   | 462.2 | 463.9 | 477.4 | 506.6 | 545.6 | 578.4 | 588.4 | 577.7 | 576.5 | 575.3 | 574.1  |
| 27.5° | 435.0 | 436.0 | 450.2 | 481.7 | 528.7 | 572.0 | 591.0 | 580.8 | 579.5 | 578.1 | 576.8  |
| 30°   | 403.2 | 404.5 | 419.8 | 452.6 | 501.8 | 555.6 | 590.2 | 587.8 | 586.3 | 584.7 | 583.2  |
| 32.5° | 372.2 | 373.5 | 387.2 | 423.2 | 473.4 | 533.2 | 586.0 | 597.9 | 596.3 | 594.7 | 593.1  |
| 35°   | 340.0 | 342.0 | 358.8 | 395.2 | 446.0 | 508.2 | 579.5 | 610.8 | 609.9 | 609.0 | 608.1  |
| 37.5° | 313.2 | 313.7 | 329.8 | 368.0 | 420.6 | 484.4 | 571.0 | 627.0 | 627.6 | 628.3 | 628.9  |
| 40°   | 283.5 | 286.2 | 302.3 | 342.6 | 397.6 | 464.2 | 562.8 | 649.0 | 652.4 | 655.8 | 659.1  |
| 42.5° | 256.8 | 257.1 | 273.5 | 315.1 | 372.6 | 448.0 | 558.2 | 675.5 | 682.7 | 689.9 | 697.2  |
| 45°   | 228.7 | 229.8 | 244.6 | 284.9 | 343.8 | 428.8 | 558.1 | 706.2 | 717.7 | 729.2 | 740.7  |
| 47.5° | 202.1 | 202.6 | 218.2 | 255.7 | 310.8 | 402.0 | 557.1 | 739.1 | 754.8 | 770.4 | 786.1  |
| 50°   | 176.8 | 176.4 | 191.7 | 227.7 | 278.1 | 366.8 | 548.5 | 776.3 | 796.1 | 815.9 | 835.7  |
| 52.5° | 147.6 | 149.6 | 165.6 | 200.0 | 248.5 | 331.0 | 523.4 | 817.2 | 840.8 | 864.5 | 888.2  |
| 55°   | 119.2 | 120.0 | 137.1 | 169.3 | 218.4 | 297.8 | 479.6 | 854.8 | 882.7 | 910.6 | 938.5  |
| 57.5° | 87.9  | 90.4  | 105.3 | 137.1 | 187.9 | 269.6 | 424.0 | 874.2 | 908.2 | 942.1 | 976.1  |
| 60°   | 62.0  | 64.0  | 77.2  | 103.9 | 154.4 | 240.2 | 376.0 | 863.3 | 907.5 | 951.6 | 995.8  |
| 62.5° | 48.2  | 49.8  | 60.4  | 77.8  | 120.4 | 210.6 | 341.8 | 828.2 | 888.3 | 948.4 | 1008.4 |
| 65°   | 42.4  | 43.8  | 53.4  | 62.3  | 90.0  | 180.6 | 323.0 | 791.0 | 870.4 | 949.8 | 1029.3 |
| 67.5° | 38.2  | 40.0  | 48.3  | 54.5  | 73.2  | 157.6 | 318.0 | 767.6 | 857.6 | 947.5 | 1037.5 |
| 69°   | 36.4  | 38.1  | 45.6  | 50.8  | 68.0  | 149.4 | 309.6 | 730.8 | 820.2 | 909.6 | 999.1  |
| 70°   | 35.2  | 36.7  | 43.6  | 49.0  | 66.4  | 143.8 | 295.5 | 684.7 | 772.5 | 860.4 | 948.2  |
| 72.5° | 32.8  | 33.5  | 39.6  | 44.8  | 61.6  | 116.2 | 227.2 | 508.6 | 584.7 | 660.8 | 737.0  |
| 75°   | 28.9  | 29.8  | 35.4  | 40.6  | 48.0  | 72.2  | 143.8 | 314.6 | 371.4 | 428.3 | 485.1  |
| 77.5° | 25.0  | 25.7  | 30.6  | 38.7  | 37.2  | 45.0  | 86.0  | 175.1 | 208.1 | 241.0 | 274.0  |
| 80°   | 20.0  | 20.9  | 25.3  | 38.4  | 30.8  | 35.0  | 61.8  | 122.4 | 131.3 | 140.2 | 149.1  |
| 82.5° | 14.8  | 15.4  | 19.8  | 31.0  | 23.6  | 26.4  | 47.2  | 103.8 | 106.8 | 109.9 | 113.0  |
| 85°   | 7.4   | 7.6   | 12.6  | 18.9  | 15.0  | 13.6  | 26.6  | 71.0  | 73.0  | 75.0  | 76.9   |
| 87.5° | 1.3   | 1.3   | 2.8   | 3.2   | 3.7   | 2.3   | 3.4   | 12.1  | 12.5  | 12.9  | 13.2   |
| 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):**

|       | 69°    | 70°    | 71°    | 72°    | 73°    | 74°    | 75°    | 76°    | 77°    | 78°    | 79°    |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 495.9  | 495.9  | 495.9  | 495.9  | 495.9  | 495.9  | 495.9  | 495.9  | 495.9  | 495.9  | 495.9  |
| 2.5°  | 497.5  | 497.4  | 497.2  | 497.3  | 497.5  | 497.4  | 497.6  | 497.6  | 497.7  | 497.2  | 497.1  |
| 5°    | 503.5  | 503.5  | 503.4  | 503.4  | 503.5  | 503.5  | 503.6  | 503.8  | 503.8  | 503.4  | 503.3  |
| 7.5°  | 513.6  | 513.6  | 513.8  | 513.6  | 513.9  | 513.8  | 513.4  | 513.9  | 514.2  | 514.3  | 514.6  |
| 10°   | 527.0  | 527.1  | 527.6  | 527.5  | 528.0  | 527.9  | 528.0  | 528.5  | 528.8  | 528.9  | 529.2  |
| 12.5° | 542.5  | 542.8  | 543.1  | 543.3  | 543.8  | 543.5  | 544.2  | 544.5  | 544.9  | 545.8  | 545.4  |
| 15°   | 557.2  | 557.5  | 558.3  | 558.3  | 558.8  | 559.0  | 559.6  | 559.9  | 560.0  | 560.6  | 560.7  |
| 17.5° | 567.4  | 567.5  | 567.8  | 567.7  | 568.1  | 568.0  | 568.4  | 568.6  | 569.0  | 569.3  | 570.0  |
| 20°   | 572.1  | 571.8  | 571.7  | 571.5  | 571.2  | 570.8  | 570.9  | 571.1  | 571.2  | 571.5  | 572.0  |
| 22.5° | 572.8  | 572.0  | 571.1  | 570.6  | 569.7  | 568.9  | 568.2  | 568.3  | 568.4  | 568.3  | 568.6  |
| 25°   | 572.9  | 571.7  | 570.4  | 568.8  | 567.6  | 565.9  | 564.6  | 564.5  | 564.1  | 564.1  | 564.3  |
| 27.5° | 575.5  | 574.1  | 572.2  | 570.3  | 567.8  | 565.6  | 563.5  | 562.7  | 561.9  | 561.4  | 561.2  |
| 30°   | 581.6  | 580.0  | 577.8  | 575.3  | 572.6  | 569.2  | 566.1  | 565.2  | 564.0  | 563.1  | 562.2  |
| 32.5° | 591.5  | 589.9  | 587.4  | 584.9  | 581.1  | 577.8  | 574.8  | 573.2  | 571.6  | 570.0  | 568.4  |
| 35°   | 607.2  | 606.3  | 604.1  | 601.9  | 599.2  | 596.6  | 593.8  | 592.0  | 589.4  | 588.2  | 586.2  |
| 37.5° | 629.6  | 630.2  | 630.2  | 630.5  | 629.7  | 628.4  | 626.4  | 624.6  | 623.7  | 620.2  | 617.9  |
| 40°   | 662.5  | 665.9  | 669.0  | 671.3  | 673.4  | 675.6  | 677.4  | 676.3  | 676.6  | 675.7  | 674.4  |
| 42.5° | 704.4  | 711.6  | 718.2  | 724.8  | 729.6  | 737.0  | 742.2  | 743.8  | 748.0  | 749.6  | 752.6  |
| 45°   | 752.2  | 763.8  | 774.8  | 785.0  | 794.6  | 805.2  | 815.6  | 823.3  | 831.7  | 841.3  | 850.8  |
| 47.5° | 801.8  | 817.5  | 833.8  | 847.1  | 860.9  | 876.6  | 890.4  | 902.0  | 917.2  | 931.2  | 946.6  |
| 50°   | 855.6  | 875.4  | 893.9  | 910.4  | 928.1  | 946.2  | 965.2  | 982.2  | 1002.6 | 1025.0 | 1049.3 |
| 52.5° | 911.9  | 935.6  | 957.1  | 977.7  | 998.5  | 1019.3 | 1039.4 | 1063.4 | 1088.7 | 1118.2 | 1148.6 |
| 55°   | 966.4  | 994.4  | 1018.7 | 1041.7 | 1065.5 | 1088.7 | 1109.4 | 1141.6 | 1172.6 | 1207.9 | 1247.5 |
| 57.5° | 1010.1 | 1044.0 | 1072.2 | 1099.4 | 1126.2 | 1151.0 | 1176.4 | 1212.8 | 1252.2 | 1293.4 | 1343.6 |
| 60°   | 1040.0 | 1084.1 | 1120.0 | 1152.8 | 1185.8 | 1216.8 | 1246.0 | 1293.6 | 1340.5 | 1391.8 | 1454.3 |
| 62.5° | 1068.5 | 1128.6 | 1175.4 | 1220.1 | 1264.5 | 1304.4 | 1340.8 | 1400.6 | 1461.8 | 1525.2 | 1599.5 |
| 65°   | 1108.7 | 1188.1 | 1257.1 | 1319.4 | 1380.9 | 1439.5 | 1494.0 | 1569.7 | 1647.0 | 1730.5 | 1819.2 |
| 67.5° | 1127.4 | 1217.4 | 1307.2 | 1391.2 | 1469.2 | 1543.5 | 1613.4 | 1704.9 | 1796.0 | 1892.8 | 2000.0 |
| 69°   | 1088.5 | 1177.9 | 1273.9 | 1365.6 | 1451.9 | 1530.7 | 1606.3 | 1699.8 | 1794.5 | 1893.3 | 2001.4 |
| 70°   | 1036.0 | 1123.8 | 1220.7 | 1316.6 | 1399.2 | 1481.2 | 1559.6 | 1652.3 | 1748.2 | 1847.3 | 1960.5 |
| 72.5° | 813.1  | 889.2  | 983.7  | 1076.8 | 1159.6 | 1242.0 | 1318.1 | 1412.9 | 1509.5 | 1613.6 | 1720.7 |
| 75°   | 541.9  | 598.8  | 669.2  | 755.5  | 831.4  | 904.2  | 977.9  | 1058.2 | 1152.5 | 1238.2 | 1336.2 |
| 77.5° | 306.9  | 339.9  | 380.8  | 436.9  | 491.4  | 535.0  | 587.6  | 625.3  | 680.0  | 727.3  | 777.1  |
| 80°   | 158.0  | 166.9  | 179.1  | 192.6  | 200.2  | 199.0  | 206.8  | 199.1  | 200.8  | 194.5  | 187.7  |
| 82.5° | 116.1  | 119.2  | 124.7  | 127.4  | 127.1  | 118.3  | 108.8  | 95.8   | 84.2   | 72.1   | 61.0   |
| 85°   | 78.9   | 80.9   | 82.3   | 84.4   | 83.8   | 80.0   | 71.4   | 60.1   | 49.0   | 39.3   | 31.4   |
| 87.5° | 13.6   | 14.0   | 13.9   | 15.1   | 15.2   | 14.0   | 11.5   | 9.8    | 8.3    | 6.2    | 4.4    |
| 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):**

|       | 80°    | 81°    | 82°    | 83°    | 84°    | 85°    | 86°    | 87°    | 88°    | 89°    | 90°    |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 495.9  | 495.9  | 495.9  | 495.9  | 495.9  | 495.9  | 495.9  | 495.9  | 495.9  | 495.9  | 495.9  |
| 2.5°  | 497.0  | 496.9  | 497.3  | 497.0  | 497.0  | 497.0  | 496.8  | 497.1  | 497.0  | 496.6  | 496.1  |
| 5°    | 503.4  | 503.0  | 502.9  | 503.2  | 503.5  | 502.8  | 503.3  | 503.7  | 503.0  | 503.2  | 502.9  |
| 7.5°  | 514.3  | 514.2  | 514.0  | 514.3  | 514.4  | 514.1  | 514.3  | 513.8  | 513.6  | 514.0  | 514.5  |
| 10°   | 528.8  | 528.7  | 529.0  | 529.0  | 529.6  | 529.3  | 529.2  | 529.6  | 529.3  | 529.0  | 529.1  |
| 12.5° | 546.0  | 545.5  | 546.2  | 546.2  | 546.7  | 546.7  | 546.6  | 546.6  | 546.6  | 546.1  | 545.8  |
| 15°   | 561.2  | 560.6  | 560.8  | 561.9  | 561.8  | 562.0  | 562.0  | 561.7  | 561.6  | 561.4  | 561.7  |
| 17.5° | 570.3  | 570.0  | 570.1  | 570.7  | 571.0  | 571.0  | 571.0  | 571.0  | 570.8  | 571.0  | 571.2  |
| 20°   | 572.0  | 572.0  | 572.2  | 572.8  | 573.4  | 573.0  | 573.0  | 573.3  | 573.0  | 573.4  | 573.5  |
| 22.5° | 568.8  | 569.0  | 569.4  | 570.0  | 570.2  | 570.2  | 570.2  | 570.4  | 570.6  | 570.6  | 570.9  |
| 25°   | 564.3  | 564.6  | 565.0  | 565.6  | 566.2  | 566.1  | 566.1  | 566.4  | 566.3  | 566.6  | 566.7  |
| 27.5° | 560.9  | 561.2  | 561.6  | 562.2  | 562.9  | 562.9  | 562.8  | 563.2  | 563.2  | 563.3  | 563.6  |
| 30°   | 561.2  | 560.8  | 561.2  | 561.4  | 561.8  | 561.8  | 561.8  | 562.0  | 562.0  | 562.0  | 562.2  |
| 32.5° | 567.4  | 566.2  | 565.7  | 565.6  | 565.7  | 565.3  | 565.1  | 564.8  | 564.6  | 564.6  | 564.5  |
| 35°   | 583.5  | 581.5  | 581.4  | 580.2  | 579.1  | 578.0  | 578.2  | 577.3  | 577.6  | 576.8  | 576.3  |
| 37.5° | 616.6  | 614.2  | 615.7  | 613.2  | 611.8  | 610.6  | 609.4  | 607.6  | 606.7  | 608.0  | 607.9  |
| 40°   | 675.7  | 674.2  | 673.6  | 674.2  | 672.8  | 673.5  | 670.3  | 669.5  | 667.7  | 668.9  | 670.6  |
| 42.5° | 757.4  | 756.4  | 761.8  | 762.8  | 763.3  | 764.2  | 764.8  | 760.1  | 759.9  | 759.0  | 756.2  |
| 45°   | 858.4  | 864.2  | 864.0  | 870.6  | 870.8  | 868.8  | 869.7  | 867.6  | 866.7  | 863.6  | 867.4  |
| 47.5° | 962.2  | 973.4  | 977.7  | 979.0  | 984.4  | 985.8  | 980.6  | 978.9  | 981.9  | 976.8  | 977.5  |
| 50°   | 1073.5 | 1085.7 | 1095.6 | 1102.2 | 1106.0 | 1106.2 | 1102.5 | 1101.6 | 1104.3 | 1094.7 | 1099.2 |
| 52.5° | 1183.1 | 1201.4 | 1220.1 | 1230.0 | 1237.0 | 1237.6 | 1240.5 | 1237.0 | 1238.4 | 1236.2 | 1240.7 |
| 55°   | 1291.1 | 1322.8 | 1344.7 | 1364.1 | 1376.4 | 1387.0 | 1387.9 | 1391.8 | 1392.1 | 1396.7 | 1392.0 |
| 57.5° | 1396.7 | 1431.2 | 1469.4 | 1503.8 | 1522.8 | 1534.8 | 1546.0 | 1561.4 | 1564.8 | 1563.0 | 1566.0 |
| 60°   | 1521.4 | 1574.9 | 1626.7 | 1666.2 | 1699.0 | 1730.6 | 1747.5 | 1771.6 | 1775.4 | 1786.0 | 1776.9 |
| 62.5° | 1678.9 | 1756.6 | 1826.8 | 1880.0 | 1930.0 | 1979.1 | 2016.0 | 2034.6 | 2046.0 | 2067.8 | 2060.6 |
| 65°   | 1920.6 | 2013.8 | 2106.8 | 2183.0 | 2253.1 | 2311.4 | 2367.6 | 2394.4 | 2424.0 | 2455.1 | 2460.7 |
| 67.5° | 2119.7 | 2235.0 | 2339.9 | 2432.8 | 2517.6 | 2582.4 | 2640.9 | 2687.3 | 2723.5 | 2746.4 | 2748.2 |
| 69°   | 2128.7 | 2248.5 | 2362.5 | 2462.2 | 2550.7 | 2619.6 | 2681.1 | 2732.8 | 2768.0 | 2791.4 | 2797.6 |
| 70°   | 2085.4 | 2208.2 | 2329.6 | 2430.2 | 2520.9 | 2591.4 | 2656.6 | 2705.9 | 2745.1 | 2769.0 | 2777.3 |
| 72.5° | 1842.6 | 1973.5 | 2103.4 | 2191.5 | 2284.2 | 2368.0 | 2420.2 | 2470.5 | 2525.9 | 2533.0 | 2556.0 |
| 75°   | 1452.5 | 1562.6 | 1663.2 | 1730.8 | 1808.0 | 1883.3 | 1934.6 | 1947.8 | 1976.8 | 2013.2 | 2000.2 |
| 77.5° | 841.7  | 875.6  | 940.6  | 957.2  | 943.0  | 975.8  | 986.6  | 963.6  | 962.4  | 983.8  | 941.3  |
| 80°   | 186.4  | 175.9  | 189.1  | 179.2  | 179.6  | 179.9  | 176.9  | 175.8  | 177.9  | 175.8  | 172.8  |
| 82.5° | 51.7   | 50.0   | 50.2   | 49.7   | 50.7   | 50.0   | 49.6   | 50.7   | 50.6   | 50.4   | 51.4   |
| 85°   | 24.9   | 24.6   | 24.2   | 24.0   | 23.4   | 22.6   | 21.6   | 21.6   | 22.2   | 21.4   | 21.8   |
| 87.5° | 3.2    | 3.1    | 3.1    | 3.6    | 3.2    | 2.7    | 2.7    | 2.7    | 2.6    | 2.6    | 2.6    |
| 90°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |

(END OF REPORT)