

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: P152021

Luminaire Tested: **AVS-E01-LED-E-U-SL4-HSS-7050**

Issue Date: 3/3/2020

#### Test Information

Test Method: LM-79-08  
Report Number: P152021  
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (P33728)  
Test Lab: INNOVATION CENTER-P3  
Issue Date: 3/3/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: AVS-E01-LED-E-U-SL4-HSS-7050  
Description: VISION SITE SMALL LED LUMINAIRE  
(1) LIGHTBARS WITH AccuLED OPTICS - TYPE 4 W/ SPILL LIGHT CONTROL AND HOUSE SIDE SHIELD  
Light Source: (21) 5000K CCT, 70 CRI LEDs  
Ballast/Driver: -

#### Summary

Lumens per Lamp: N/A  
Luminaire Lumens: 2087.9 lumens  
Efficiency: N/A  
Efficacy: 84.5 lumens/watt  
Luminous Opening: Rectangular (W 0.17' x L: 1' x H: 0')  
IES Classification: Type IV - Short - Semi-Cutoff  
BUG Rating: B0 - 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

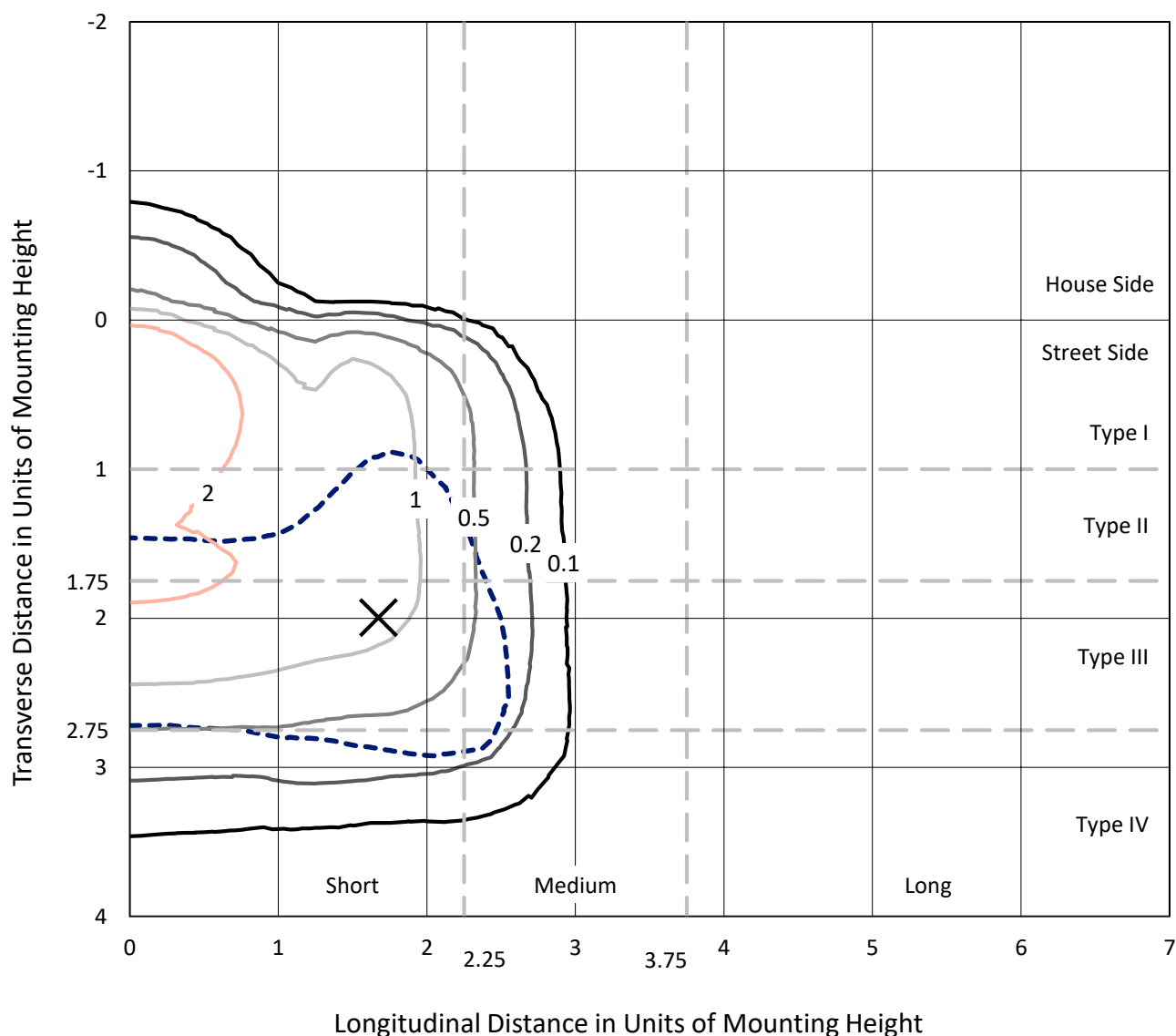


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## Iso-Footcandle Lines of Horizontal Illumination

× Max cd  
 --- 1/2 Max cd

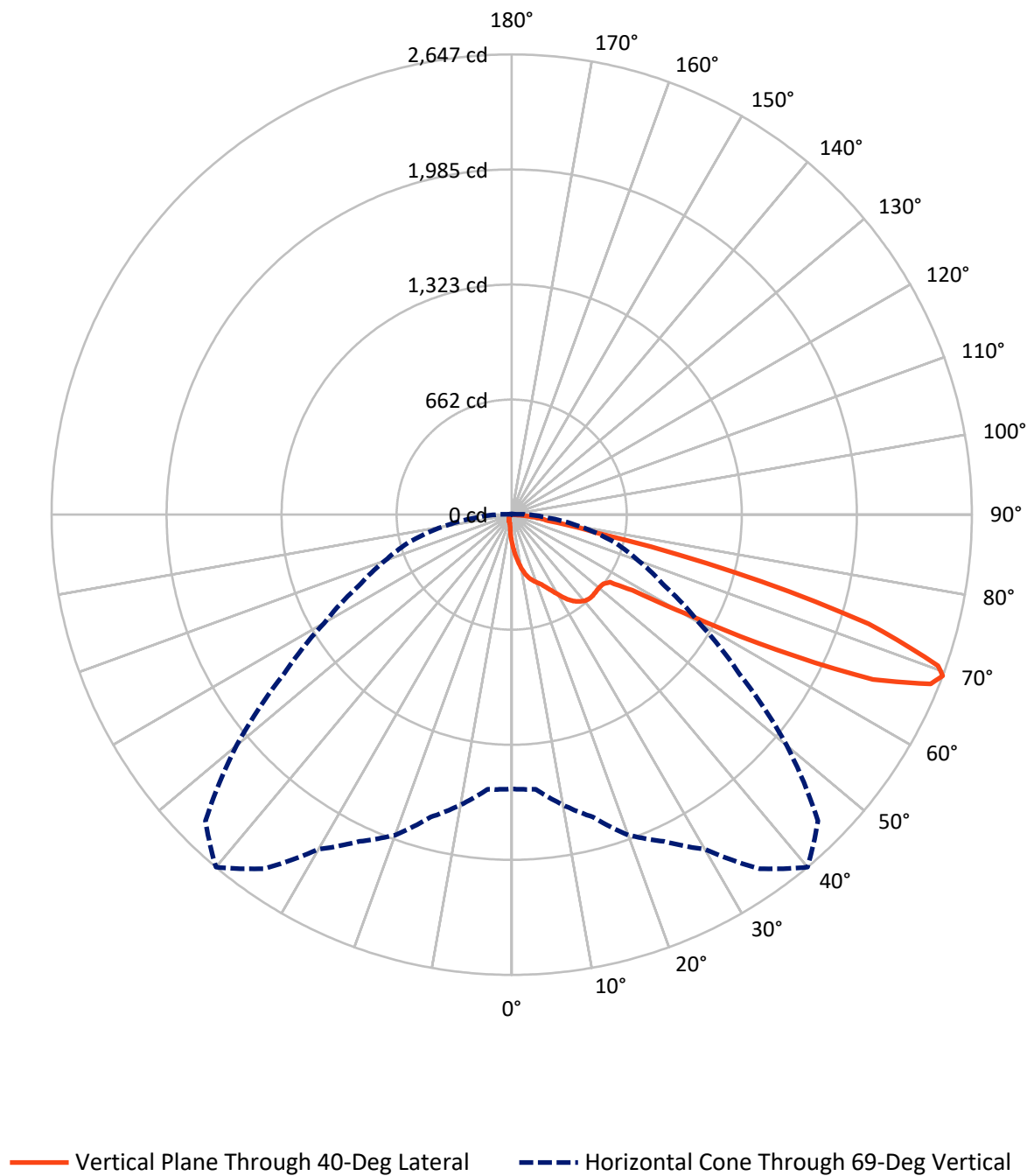


Based on 10 foot mounting height. Maximum calculated value = 4.7 fc  
 Type IV - Short - Semi-Cutoff

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## Luminous Intensity Polar Plot



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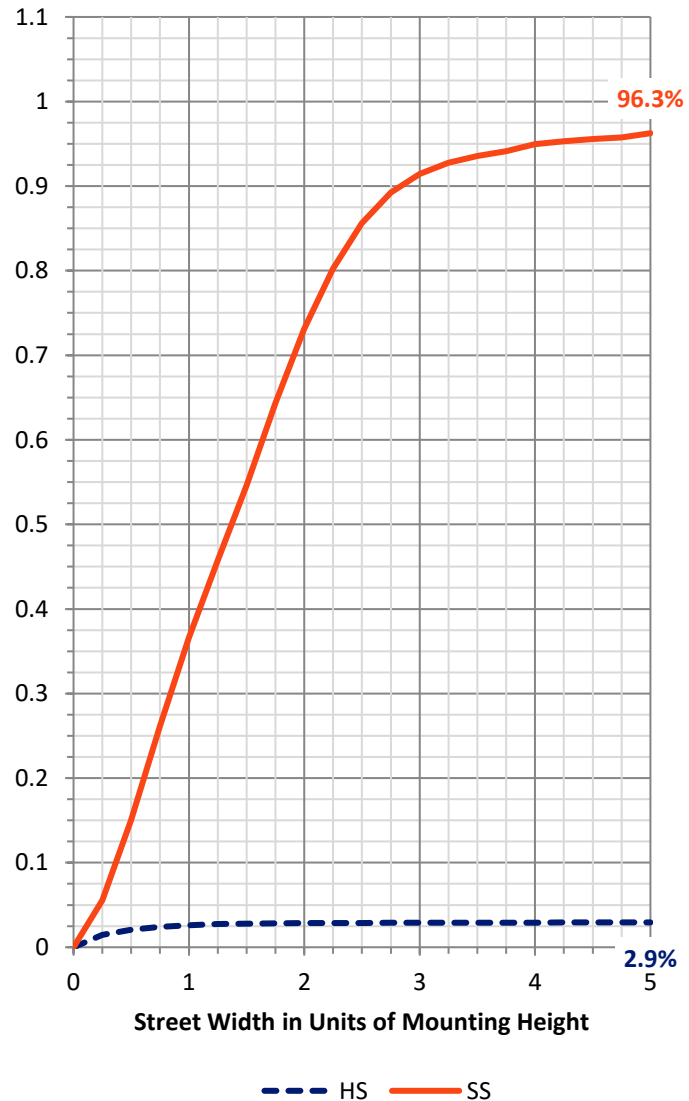
**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total  |
|--------------------|-----------|----------|--------|--------|
| <b>House Side</b>  | Lumens    | 62.2     | 0.0    | 62.2   |
|                    | % Fixture | 3.0      | 0.0    | 3.0    |
| <b>Street Side</b> | Lumens    | 2025.7   | 0.0    | 2025.7 |
|                    | % Fixture | 97.0     | 0.0    | 97.0   |
| <b>Total</b>       | Lumens    | 2087.9   | 0.0    | 2087.9 |
|                    | % Fixture | 100.0    | 0.0    | 100.0  |

**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 16.2   | 0.8       |
| 10°-20°   | 55.9   | 2.7       |
| 20°-30°   | 106.9  | 5.1       |
| 30°-40°   | 177.9  | 8.5       |
| 40°-50°   | 240.7  | 11.5      |
| 50°-60°   | 376.4  | 18.0      |
| 60°-70°   | 773.8  | 37.1      |
| 70°-80°   | 311.4  | 14.9      |
| 80°-90°   | 28.8   | 1.4       |
| 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°    | 2087.9 | 100.0     |
| 0°-180°   | 2087.9 | 100.0     |

**Coefficient of Utilization**



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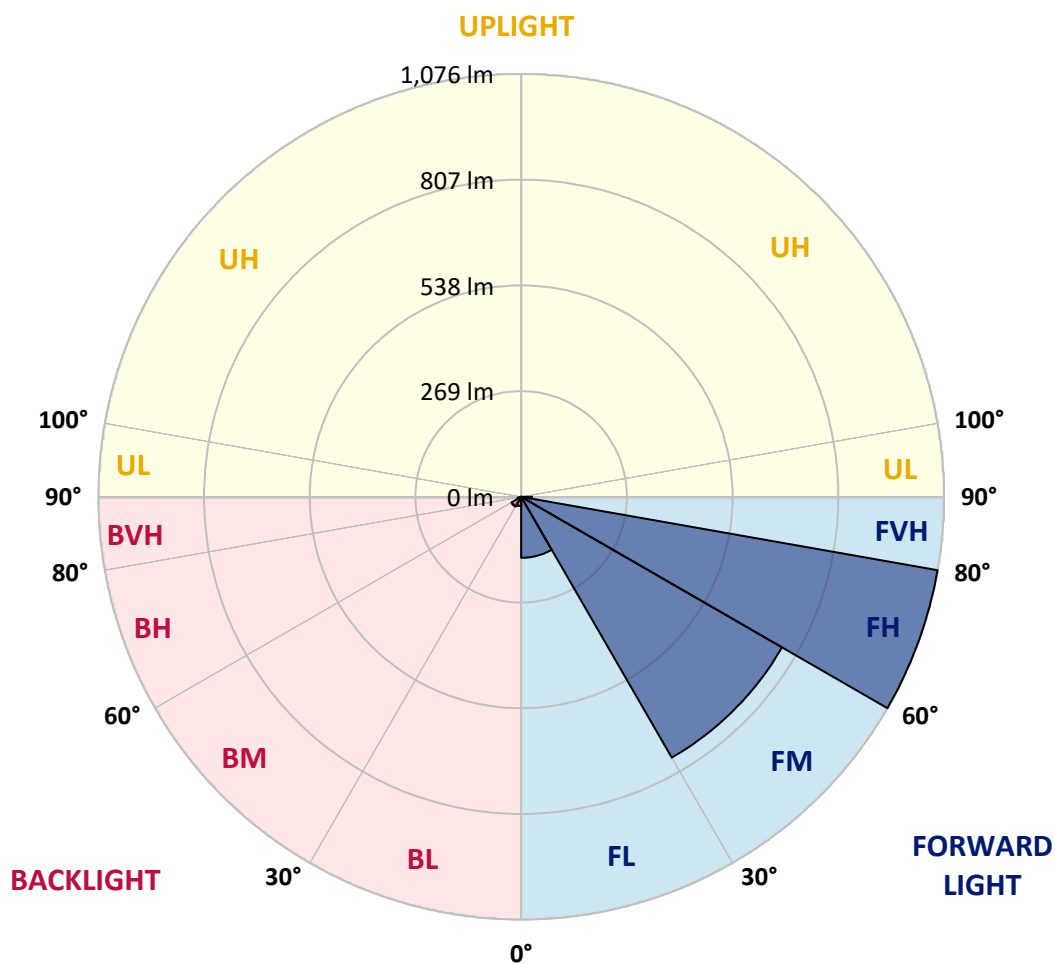
CATALOG NUMBER: AVS-E01-LED-E-U-SL4-HSS-7050

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

| Zone |             | Lumens | % Fixture | Zone Rating/Lumen Limit |      |         |
|------|-------------|--------|-----------|-------------------------|------|---------|
|      |             |        |           | B                       | U    | G       |
| FL   | (0°-30°)    | 155.4  | 7.4       |                         |      |         |
| FM   | (30°-60°)   | 766.5  | 36.7      |                         |      |         |
| FH   | (60°-80°)   | 1076.1 | 51.5      |                         |      | G1/1800 |
| FVH  | (80°-90°)   | 27.7   | 1.3       |                         |      | G1/100  |
| BL   | (0°-30°)    | 23.6   | 1.1       | B0/110                  |      |         |
| BM   | (30°-60°)   | 28.4   | 1.4       | B0/220                  |      |         |
| BH   | (60°-80°)   | 9.1    | 0.4       | B0/110                  |      | G0/110  |
| BVH  | (80°-90°)   | 1.1    | 0.1       |                         |      | G0/10   |
| UL   | (90°-100°)  | 0.0    | 0.0       |                         | U0/0 |         |
| UH   | (100°-180°) | 0.0    | 0.0       |                         | U0/0 |         |

**BUG Rating: B0-U0-G1**

Type IV Short





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**CANDELA DISTRIBUTION (FULL):**

|       | 0°     | 5°     | 10°    | 15°    | 20°    | 25°    | 30°    | 35°    | 40°    | 45°    | 50°    |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 157.7  | 157.7  | 157.7  | 157.7  | 157.7  | 157.7  | 157.7  | 157.7  | 157.7  | 157.7  | 157.7  |
| 2.5°  | 210.4  | 208.0  | 205.2  | 205.2  | 201.8  | 201.8  | 199.8  | 194.3  | 193.6  | 190.5  | 187.5  |
| 5°    | 268.5  | 266.4  | 263.0  | 259.9  | 257.2  | 252.4  | 249.0  | 242.5  | 235.3  | 228.5  | 222.3  |
| 7.5°  | 325.3  | 324.2  | 318.1  | 317.1  | 312.6  | 304.8  | 297.9  | 288.3  | 276.1  | 266.4  | 255.1  |
| 10°   | 377.9  | 375.5  | 374.2  | 368.4  | 361.9  | 353.4  | 342.7  | 331.1  | 316.7  | 301.7  | 285.6  |
| 12.5° | 419.7  | 418.3  | 412.1  | 409.7  | 402.9  | 394.4  | 381.0  | 366.0  | 351.6  | 332.1  | 313.3  |
| 15°   | 450.8  | 448.4  | 444.4  | 440.5  | 432.3  | 424.8  | 412.5  | 396.1  | 378.7  | 357.4  | 334.8  |
| 17.5° | 476.8  | 472.3  | 471.3  | 465.5  | 457.0  | 448.1  | 434.4  | 419.4  | 398.9  | 377.6  | 353.0  |
| 20°   | 511.7  | 505.5  | 503.5  | 494.9  | 485.0  | 472.6  | 457.0  | 438.1  | 416.6  | 393.4  | 368.0  |
| 22.5° | 552.7  | 548.3  | 543.8  | 536.3  | 523.6  | 506.2  | 483.3  | 462.8  | 435.4  | 409.7  | 382.4  |
| 25°   | 610.9  | 607.2  | 599.9  | 589.6  | 573.9  | 553.1  | 525.4  | 495.2  | 463.1  | 430.3  | 398.1  |
| 27.5° | 667.4  | 663.9  | 658.8  | 650.9  | 633.1  | 610.2  | 576.0  | 537.7  | 497.0  | 457.3  | 421.8  |
| 30°   | 720.3  | 717.2  | 712.1  | 704.2  | 688.5  | 665.9  | 627.3  | 586.2  | 535.6  | 489.4  | 446.7  |
| 32.5° | 777.4  | 776.4  | 770.6  | 759.3  | 745.6  | 715.2  | 673.2  | 629.0  | 577.7  | 524.4  | 474.4  |
| 35°   | 842.1  | 834.2  | 828.7  | 817.5  | 794.2  | 761.8  | 712.4  | 664.2  | 610.2  | 555.4  | 499.7  |
| 37.5° | 896.8  | 889.3  | 882.5  | 868.1  | 839.7  | 798.3  | 742.6  | 689.5  | 633.8  | 578.0  | 521.2  |
| 40°   | 936.8  | 933.1  | 924.9  | 906.0  | 874.2  | 825.0  | 764.8  | 706.9  | 650.9  | 594.8  | 538.8  |
| 42.5° | 966.6  | 960.7  | 951.5  | 932.0  | 894.4  | 838.3  | 773.7  | 714.2  | 658.8  | 605.1  | 549.9  |
| 45°   | 977.5  | 972.7  | 964.2  | 943.0  | 902.3  | 842.1  | 773.4  | 712.1  | 659.1  | 608.2  | 557.5  |
| 47.5° | 971.1  | 966.2  | 958.8  | 938.9  | 898.9  | 837.6  | 767.2  | 706.3  | 655.6  | 609.1  | 564.4  |
| 50°   | 949.5  | 946.7  | 940.9  | 924.1  | 888.3  | 829.1  | 761.8  | 703.2  | 655.0  | 614.3  | 573.9  |
| 52.5° | 947.5  | 945.7  | 938.5  | 921.8  | 885.2  | 826.3  | 761.0  | 705.0  | 660.8  | 620.8  | 580.7  |
| 55°   | 1157.8 | 1133.5 | 1079.2 | 1033.0 | 957.0  | 866.7  | 795.5  | 732.6  | 685.4  | 646.4  | 618.4  |
| 57.5° | 1645.5 | 1609.3 | 1537.8 | 1449.8 | 1275.4 | 1104.0 | 966.9  | 867.8  | 818.9  | 801.0  | 811.6  |
| 60°   | 1874.0 | 1867.5 | 1856.3 | 1814.5 | 1725.2 | 1577.8 | 1413.7 | 1236.2 | 1165.0 | 1158.9 | 1180.4 |
| 62.5° | 1982.5 | 1978.3 | 1981.8 | 1976.6 | 1948.9 | 1905.8 | 1858.7 | 1782.0 | 1711.5 | 1666.0 | 1569.6 |
| 65°   | 2032.3 | 2035.1 | 2054.6 | 2069.9 | 2073.4 | 2084.7 | 2119.3 | 2214.7 | 2284.5 | 2167.2 | 1899.3 |
| 67.5° | 1905.5 | 1921.6 | 1966.3 | 2022.5 | 2088.1 | 2151.7 | 2254.4 | 2455.4 | 2598.8 | 2460.9 | 2080.6 |
| 69°   | 1577.5 | 1585.3 | 1694.8 | 1800.5 | 1960.9 | 2073.1 | 2221.9 | 2485.6 | 2646.6 | 2491.1 | 2066.2 |
| 70°   | 1242.0 | 1249.1 | 1366.4 | 1510.1 | 1781.3 | 1925.7 | 2120.3 | 2434.6 | 2601.9 | 2451.0 | 1992.3 |
| 72.5° | 560.2  | 549.9  | 591.4  | 668.3  | 963.2  | 1192.3 | 1532.6 | 1972.5 | 2146.6 | 1963.6 | 1490.6 |
| 75°   | 391.3  | 386.8  | 391.3  | 391.6  | 437.5  | 564.4  | 712.1  | 1069.2 | 1322.3 | 1141.0 | 712.1  |
| 77.5° | 303.0  | 300.0  | 296.9  | 293.5  | 299.0  | 334.8  | 349.2  | 379.3  | 492.5  | 465.8  | 271.6  |
| 80°   | 239.8  | 237.0  | 244.6  | 242.2  | 242.2  | 246.2  | 243.5  | 232.2  | 211.0  | 195.6  | 175.1  |
| 82.5° | 111.5  | 112.2  | 112.2  | 121.8  | 146.7  | 171.4  | 179.3  | 168.0  | 149.1  | 126.9  | 102.3  |
| 85°   | 10.6   | 12.0   | 20.2   | 31.1   | 61.9   | 69.7   | 70.2   | 58.1   | 58.1   | 45.8   | 36.9   |
| 87.5° | 0.0    | 0.3    | 0.3    | 0.3    | 3.1    | 8.6    | 7.2    | 2.1    | 1.0    | 1.0    | 1.8    |
| 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°    | 157.7  | 157.7  | 157.7  | 157.7  | 157.7  | 157.7 | 157.7 | 157.7 | 157.7 | 157.7 | 157.7 |
| 2.5°  | 182.0  | 180.9  | 176.8  | 172.7  | 169.0  | 164.9 | 161.1 | 157.3 | 153.3 | 150.2 | 146.4 |
| 5°    | 212.7  | 205.2  | 196.7  | 188.5  | 180.2  | 171.7 | 162.8 | 154.9 | 146.7 | 139.2 | 132.0 |
| 7.5°  | 243.8  | 229.1  | 217.5  | 202.8  | 189.5  | 176.2 | 163.8 | 151.2 | 139.6 | 128.6 | 118.3 |
| 10°   | 270.3  | 252.4  | 234.3  | 215.4  | 196.4  | 178.5 | 161.5 | 146.4 | 131.0 | 117.6 | 105.0 |
| 12.5° | 291.7  | 269.2  | 246.9  | 223.3  | 201.8  | 179.3 | 158.0 | 139.9 | 121.8 | 106.7 | 93.7  |
| 15°   | 311.3  | 285.3  | 258.5  | 231.2  | 203.8  | 178.2 | 154.6 | 132.0 | 113.6 | 96.5  | 81.8  |
| 17.5° | 326.9  | 297.2  | 267.2  | 236.4  | 206.9  | 176.8 | 150.2 | 126.5 | 105.0 | 87.3  | 72.8  |
| 20°   | 340.6  | 309.5  | 277.1  | 242.5  | 209.0  | 176.5 | 146.4 | 119.7 | 97.5  | 78.7  | 64.7  |
| 22.5° | 353.4  | 322.2  | 287.4  | 250.4  | 212.0  | 176.2 | 143.0 | 114.6 | 91.0  | 72.1  | 58.1  |
| 25°   | 367.7  | 334.8  | 298.2  | 258.5  | 217.5  | 177.5 | 140.9 | 110.5 | 85.2  | 66.0  | 53.1  |
| 27.5° | 383.7  | 349.2  | 311.3  | 268.8  | 224.8  | 180.2 | 140.2 | 106.0 | 80.0  | 60.2  | 48.9  |
| 30°   | 406.3  | 366.3  | 324.2  | 279.1  | 231.2  | 183.3 | 139.6 | 103.3 | 74.9  | 55.8  | 44.8  |
| 32.5° | 426.2  | 383.1  | 338.7  | 289.7  | 238.4  | 186.4 | 139.2 | 99.5  | 70.2  | 51.3  | 41.8  |
| 35°   | 447.0  | 398.4  | 350.9  | 300.0  | 244.6  | 189.8 | 138.9 | 96.8  | 65.7  | 46.8  | 38.7  |
| 37.5° | 465.2  | 411.5  | 360.5  | 308.8  | 251.4  | 193.0 | 139.2 | 94.4  | 61.6  | 43.1  | 36.0  |
| 40°   | 480.5  | 424.8  | 371.1  | 317.1  | 258.5  | 197.7 | 139.6 | 92.0  | 57.5  | 39.7  | 33.5  |
| 42.5° | 494.2  | 437.5  | 382.4  | 326.3  | 266.7  | 203.2 | 141.6 | 89.9  | 54.1  | 36.6  | 31.1  |
| 45°   | 504.9  | 449.1  | 394.7  | 339.3  | 280.1  | 212.0 | 145.4 | 88.6  | 50.6  | 33.9  | 29.1  |
| 47.5° | 515.8  | 466.2  | 415.5  | 359.8  | 299.6  | 226.1 | 151.8 | 88.3  | 47.9  | 31.8  | 27.4  |
| 50°   | 530.9  | 483.3  | 434.1  | 380.7  | 317.4  | 240.4 | 159.7 | 88.6  | 44.5  | 29.7  | 25.7  |
| 52.5° | 541.8  | 500.7  | 458.0  | 416.9  | 359.8  | 284.2 | 190.2 | 94.7  | 42.8  | 28.1  | 23.6  |
| 55°   | 606.4  | 599.3  | 600.3  | 607.2  | 563.0  | 483.6 | 318.1 | 136.8 | 50.3  | 31.8  | 23.2  |
| 57.5° | 855.1  | 880.4  | 895.1  | 894.7  | 821.9  | 681.7 | 427.2 | 175.9 | 56.1  | 36.9  | 27.7  |
| 60°   | 1182.1 | 1162.9 | 1135.9 | 1069.2 | 972.4  | 778.1 | 477.8 | 189.1 | 48.6  | 29.4  | 25.3  |
| 62.5° | 1471.1 | 1358.9 | 1259.4 | 1151.3 | 1024.4 | 811.6 | 488.1 | 188.1 | 42.4  | 22.3  | 17.8  |
| 65°   | 1651.3 | 1449.5 | 1288.8 | 1153.4 | 1003.8 | 783.6 | 461.8 | 172.7 | 36.0  | 18.1  | 14.7  |
| 67.5° | 1694.4 | 1400.6 | 1173.2 | 1000.4 | 838.7  | 609.8 | 339.0 | 129.9 | 28.1  | 15.0  | 13.0  |
| 69°   | 1600.4 | 1245.0 | 972.0  | 776.1  | 610.2  | 404.7 | 209.6 | 82.1  | 21.6  | 13.7  | 12.0  |
| 70°   | 1472.1 | 1082.9 | 791.8  | 622.8  | 451.8  | 284.2 | 146.7 | 57.8  | 17.4  | 12.6  | 11.0  |
| 72.5° | 947.0  | 568.8  | 389.2  | 270.9  | 186.4  | 113.3 | 57.5  | 26.0  | 13.4  | 10.6  | 8.9   |
| 75°   | 367.4  | 210.4  | 152.5  | 116.0  | 90.7   | 62.9  | 34.9  | 16.8  | 11.3  | 8.9   | 6.8   |
| 77.5° | 180.9  | 138.5  | 113.3  | 77.6   | 45.2   | 28.1  | 18.9  | 13.0  | 9.2   | 6.5   | 4.5   |
| 80°   | 143.0  | 95.1   | 56.8   | 35.2   | 26.6   | 20.2  | 14.4  | 10.6  | 6.8   | 4.1   | 3.1   |
| 82.5° | 73.2   | 40.0   | 29.4   | 23.9   | 19.8   | 15.8  | 11.6  | 7.6   | 4.5   | 2.7   | 2.4   |
| 85°   | 22.9   | 16.8   | 15.0   | 14.7   | 13.7   | 11.3  | 8.2   | 4.8   | 2.7   | 1.8   | 1.8   |
| 87.5° | 1.8    | 2.4    | 3.1    | 2.4    | 2.7    | 2.4   | 3.1   | 2.1   | 1.3   | 1.3   | 1.0   |
| 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°    | 157.7 | 157.7 | 157.7 | 157.7 | 157.7 | 157.7 | 157.7 | 157.7 | 157.7 | 157.7 | 157.7 |
| 2.5°  | 143.6 | 139.6 | 135.8 | 133.4 | 128.9 | 127.3 | 125.5 | 124.9 | 121.8 | 122.5 | 119.7 |
| 5°    | 125.5 | 118.3 | 112.8 | 107.4 | 102.3 | 98.5  | 95.4  | 91.7  | 88.6  | 87.3  | 84.5  |
| 7.5°  | 109.1 | 99.9  | 92.6  | 86.8  | 80.7  | 76.0  | 71.8  | 69.1  | 66.3  | 63.6  | 62.3  |
| 10°   | 94.7  | 84.9  | 76.6  | 70.8  | 65.0  | 60.9  | 57.8  | 55.8  | 54.1  | 53.1  | 52.6  |
| 12.5° | 81.5  | 71.8  | 64.4  | 59.2  | 54.7  | 52.6  | 51.3  | 50.3  | 49.9  | 49.6  | 49.6  |
| 15°   | 71.2  | 61.6  | 55.8  | 52.0  | 49.9  | 48.9  | 48.6  | 47.9  | 47.2  | 46.8  | 46.8  |
| 17.5° | 61.6  | 54.4  | 50.3  | 48.2  | 47.2  | 46.5  | 45.8  | 45.2  | 44.5  | 44.1  | 44.1  |
| 20°   | 55.0  | 49.2  | 47.2  | 45.8  | 44.8  | 44.1  | 43.1  | 42.4  | 42.1  | 41.8  | 41.3  |
| 22.5° | 49.9  | 46.2  | 44.8  | 43.7  | 42.4  | 41.3  | 40.7  | 40.0  | 39.4  | 39.0  | 38.7  |
| 25°   | 46.2  | 43.7  | 42.8  | 41.3  | 40.0  | 39.0  | 37.9  | 36.9  | 36.3  | 36.0  | 35.2  |
| 27.5° | 43.4  | 41.8  | 40.3  | 38.7  | 37.3  | 36.3  | 35.2  | 34.2  | 33.5  | 32.8  | 32.5  |
| 30°   | 41.0  | 39.4  | 37.6  | 36.3  | 34.5  | 33.5  | 32.1  | 31.1  | 30.8  | 30.1  | 29.4  |
| 32.5° | 38.7  | 36.9  | 35.2  | 33.5  | 31.8  | 30.5  | 29.7  | 28.4  | 27.7  | 27.4  | 26.6  |
| 35°   | 36.0  | 34.2  | 32.1  | 30.8  | 29.1  | 27.7  | 26.6  | 25.7  | 25.0  | 24.2  | 23.9  |
| 37.5° | 33.5  | 31.5  | 29.4  | 27.7  | 26.3  | 25.0  | 23.9  | 22.9  | 22.3  | 21.6  | 21.2  |
| 40°   | 30.8  | 28.7  | 26.6  | 25.0  | 23.6  | 22.6  | 21.6  | 20.5  | 19.8  | 19.5  | 19.5  |
| 42.5° | 28.4  | 26.0  | 23.9  | 22.6  | 21.6  | 20.2  | 19.2  | 18.1  | 17.8  | 17.4  | 17.8  |
| 45°   | 26.0  | 23.6  | 21.9  | 20.5  | 19.5  | 18.1  | 17.1  | 16.4  | 16.1  | 16.4  | 16.8  |
| 47.5° | 23.9  | 21.6  | 19.8  | 18.9  | 17.8  | 16.8  | 15.8  | 15.0  | 15.0  | 15.8  | 16.4  |
| 50°   | 21.9  | 19.5  | 18.1  | 17.4  | 16.4  | 15.4  | 14.0  | 13.7  | 14.0  | 14.7  | 15.4  |
| 52.5° | 19.8  | 17.1  | 16.1  | 15.8  | 14.7  | 13.7  | 12.6  | 12.3  | 12.6  | 13.4  | 13.0  |
| 55°   | 17.8  | 15.0  | 14.7  | 14.4  | 13.4  | 12.0  | 11.0  | 11.0  | 11.0  | 10.6  | 9.9   |
| 57.5° | 17.1  | 13.4  | 13.0  | 12.6  | 11.6  | 10.3  | 9.5   | 8.9   | 8.6   | 7.6   | 7.2   |
| 60°   | 17.8  | 12.0  | 12.0  | 11.3  | 10.3  | 8.9   | 7.9   | 6.8   | 6.1   | 5.5   | 5.5   |
| 62.5° | 14.4  | 11.0  | 10.6  | 9.9   | 8.6   | 7.2   | 6.1   | 5.2   | 4.8   | 4.5   | 4.5   |
| 65°   | 11.6  | 9.9   | 9.2   | 8.2   | 7.2   | 5.8   | 4.8   | 4.1   | 3.7   | 3.7   | 4.1   |
| 67.5° | 10.6  | 8.9   | 7.9   | 6.8   | 5.8   | 4.5   | 3.7   | 3.4   | 3.4   | 3.7   | 3.7   |
| 69°   | 9.9   | 8.2   | 7.2   | 6.1   | 5.2   | 4.1   | 3.4   | 3.4   | 3.4   | 3.4   | 3.7   |
| 70°   | 9.2   | 7.9   | 6.8   | 5.8   | 4.5   | 3.4   | 3.1   | 3.1   | 3.4   | 3.4   | 3.7   |
| 72.5° | 7.2   | 6.1   | 5.8   | 4.8   | 3.4   | 3.1   | 2.7   | 3.1   | 3.1   | 3.4   | 3.4   |
| 75°   | 5.5   | 4.5   | 4.5   | 3.7   | 2.7   | 2.4   | 2.4   | 2.7   | 2.7   | 3.1   | 3.1   |
| 77.5° | 3.7   | 3.1   | 3.1   | 2.7   | 2.4   | 2.1   | 2.1   | 2.4   | 2.7   | 2.7   | 3.1   |
| 80°   | 2.7   | 2.4   | 2.1   | 2.4   | 2.1   | 1.8   | 2.1   | 2.4   | 2.4   | 2.7   | 2.7   |
| 82.5° | 2.1   | 2.1   | 2.1   | 2.1   | 1.8   | 1.8   | 2.1   | 2.1   | 2.4   | 2.7   | 2.7   |
| 85°   | 1.8   | 1.8   | 1.8   | 1.8   | 1.8   | 1.8   | 1.8   | 2.1   | 2.1   | 2.4   | 2.4   |
| 87.5° | 1.0   | 1.0   | 1.0   | 1.3   | 1.3   | 1.8   | 1.8   | 1.8   | 1.8   | 2.1   | 2.1   |
| 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°    | 157.7 | 157.7 | 157.7 | 157.7 |
| 2.5°  | 119.1 | 118.7 | 117.3 | 117.6 |
| 5°    | 83.4  | 81.5  | 82.8  | 82.4  |
| 7.5°  | 61.2  | 60.9  | 60.5  | 61.2  |
| 10°   | 52.3  | 52.3  | 52.0  | 52.3  |
| 12.5° | 49.2  | 49.2  | 49.2  | 49.2  |
| 15°   | 46.8  | 46.8  | 46.5  | 46.5  |
| 17.5° | 44.1  | 44.1  | 44.1  | 43.7  |
| 20°   | 41.3  | 41.0  | 41.0  | 41.0  |
| 22.5° | 38.3  | 37.9  | 37.9  | 37.9  |
| 25°   | 35.2  | 34.9  | 34.9  | 34.9  |
| 27.5° | 32.1  | 31.8  | 31.5  | 31.5  |
| 30°   | 29.1  | 28.7  | 28.4  | 28.4  |
| 32.5° | 26.0  | 25.7  | 25.3  | 25.3  |
| 35°   | 23.2  | 23.2  | 22.9  | 22.6  |
| 37.5° | 20.8  | 20.8  | 20.8  | 20.8  |
| 40°   | 19.2  | 19.5  | 19.5  | 19.5  |
| 42.5° | 18.1  | 18.4  | 18.9  | 19.2  |
| 45°   | 17.4  | 18.1  | 18.4  | 18.4  |
| 47.5° | 17.1  | 17.4  | 17.8  | 17.8  |
| 50°   | 15.8  | 15.4  | 15.4  | 15.4  |
| 52.5° | 12.6  | 12.0  | 11.6  | 11.3  |
| 55°   | 9.2   | 8.9   | 8.2   | 8.2   |
| 57.5° | 6.5   | 6.5   | 6.1   | 6.1   |
| 60°   | 5.2   | 5.2   | 4.8   | 5.2   |
| 62.5° | 4.5   | 4.5   | 4.5   | 4.5   |
| 65°   | 4.1   | 4.1   | 4.1   | 4.1   |
| 67.5° | 4.1   | 4.1   | 4.1   | 4.1   |
| 69°   | 3.7   | 3.7   | 3.7   | 3.7   |
| 70°   | 3.7   | 3.7   | 3.7   | 3.7   |
| 72.5° | 3.4   | 3.4   | 3.4   | 3.4   |
| 75°   | 3.1   | 3.4   | 3.4   | 3.4   |
| 77.5° | 3.1   | 3.1   | 3.1   | 3.1   |
| 80°   | 2.7   | 2.7   | 3.1   | 3.1   |
| 82.5° | 2.7   | 2.7   | 2.7   | 2.7   |
| 85°   | 2.4   | 2.4   | 2.7   | 2.7   |
| 87.5° | 2.1   | 2.1   | 2.4   | 2.4   |
| 90°   | 0.0   | 0.0   | 0.0   | 0.0   |

(END OF REPORT)