

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: P150841

Luminaire Tested: **AVM-E03-LED-E-U-SL3-HSS-7050**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P150841  
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (P33727)  
Test Lab: INNOVATION CENTER-P3  
Issue Date: 3/3/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: AVM-E03-LED-E-U-SL3-HSS-7050  
Description: VISION SITE MEDIUM LED LUMINAIRE  
(3) LIGHTBARS WITH AccuLED OPTICS - TYPE 3 W/ SPILL LIGHT CONTROL AND HOUSE SIDE SHIELD  
Light Source: (63) 5000K CCT, 70 CRI LEDs  
Ballast/Driver: -

**Summary**

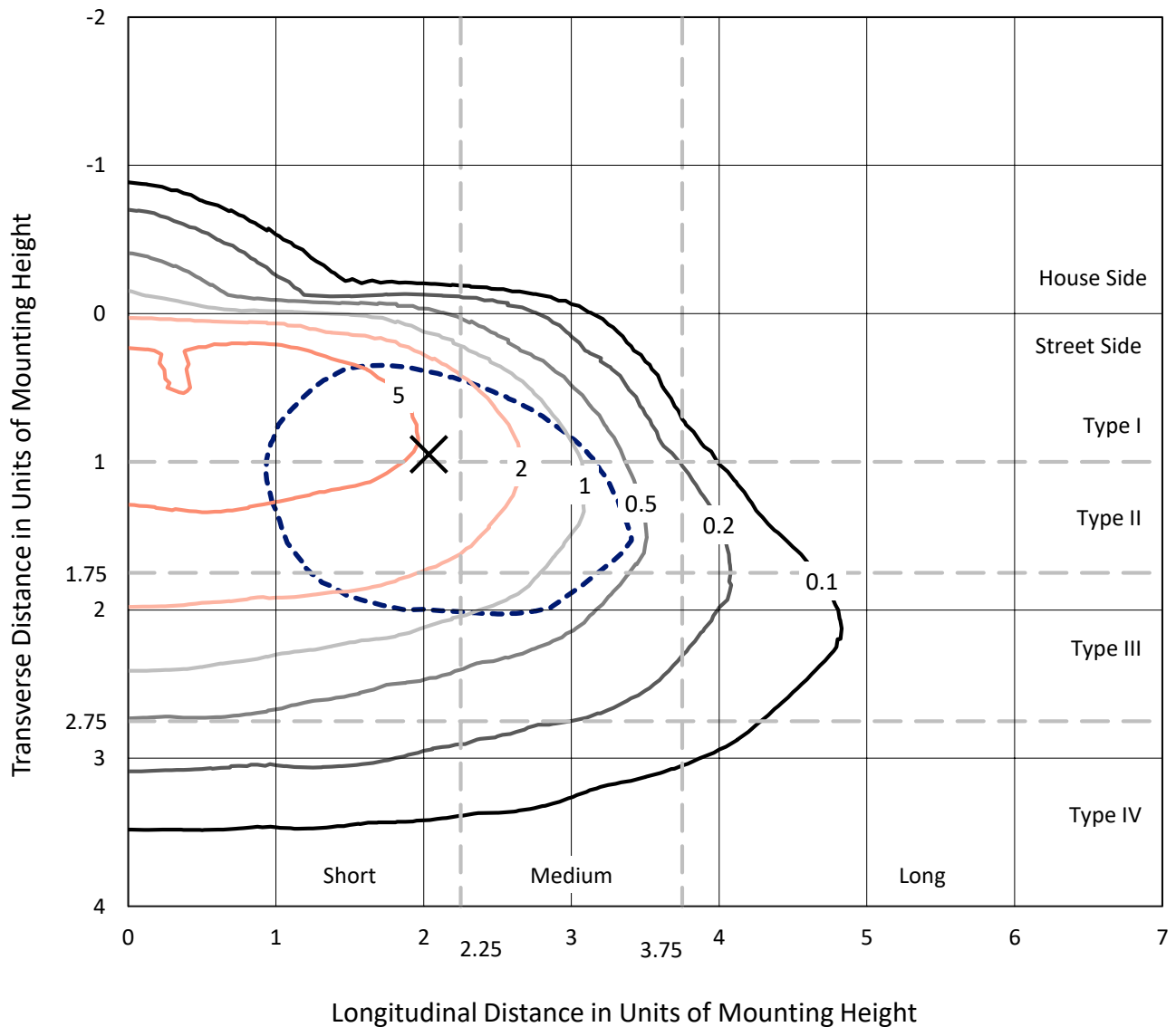
Lumens per Lamp: N/A  
Luminaire Lumens: 5337.3 lumens  
Efficiency: N/A  
Efficacy: 71.0 lumens/watt  
Luminous Opening: Rectangular (W 0.5' x L: 1' x H: 0')  
IES Classification: Type III - Short - Non-Cutoff  
BUG Rating: B0 - U0 - G2  
  
Input Watts (W): 75.2  
Input Voltage (V): NR  
Input Current (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

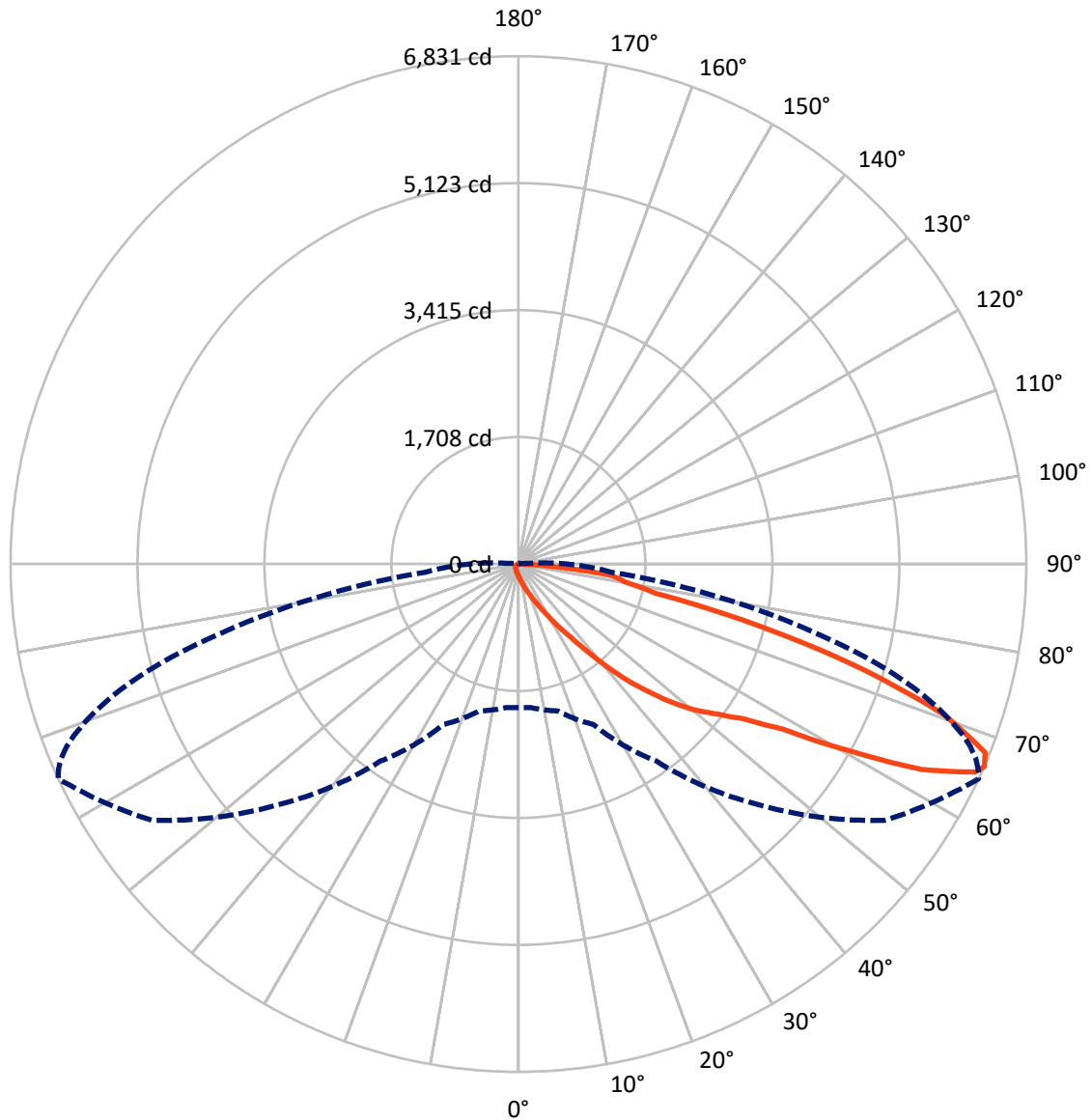


Based on 10 foot mounting height. Maximum calculated value = 8.8 fc  
 Type III - Short - Non-Cutoff

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### Luminous Intensity Polar Plot



— Vertical Plane Through 65-Deg Lateral    - - - Horizontal Cone Through 66-Deg Vertical

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**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total  |
|--------------------|-----------|----------|--------|--------|
| <b>House Side</b>  | Lumens    | 115.7    | 0.0    | 115.7  |
|                    | % Fixture | 2.2      | 0.0    | 2.2    |
| <b>Street Side</b> | Lumens    | 5221.6   | 0.0    | 5221.6 |
|                    | % Fixture | 97.8     | 0.0    | 97.8   |
| <b>Total</b>       | Lumens    | 5337.3   | 0.0    | 5337.3 |
|                    | % Fixture | 100.0    | 0.0    | 100.0  |

**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 18.0   | 0.3       |
| 10°-20°   | 76.5   | 1.4       |
| 20°-30°   | 164.9  | 3.1       |
| 30°-40°   | 352.2  | 6.6       |
| 40°-50°   | 778.9  | 14.6      |
| 50°-60°   | 1320.0 | 24.7      |
| 60°-70°   | 1761.4 | 33.0      |
| 70°-80°   | 775.9  | 14.5      |
| 80°-90°   | 89.4   | 1.7       |
| 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°    | 5337.3 | 100.0     |
| 0°-180°   | 5337.3 | 100.0     |

**Coefficient of Utilization**



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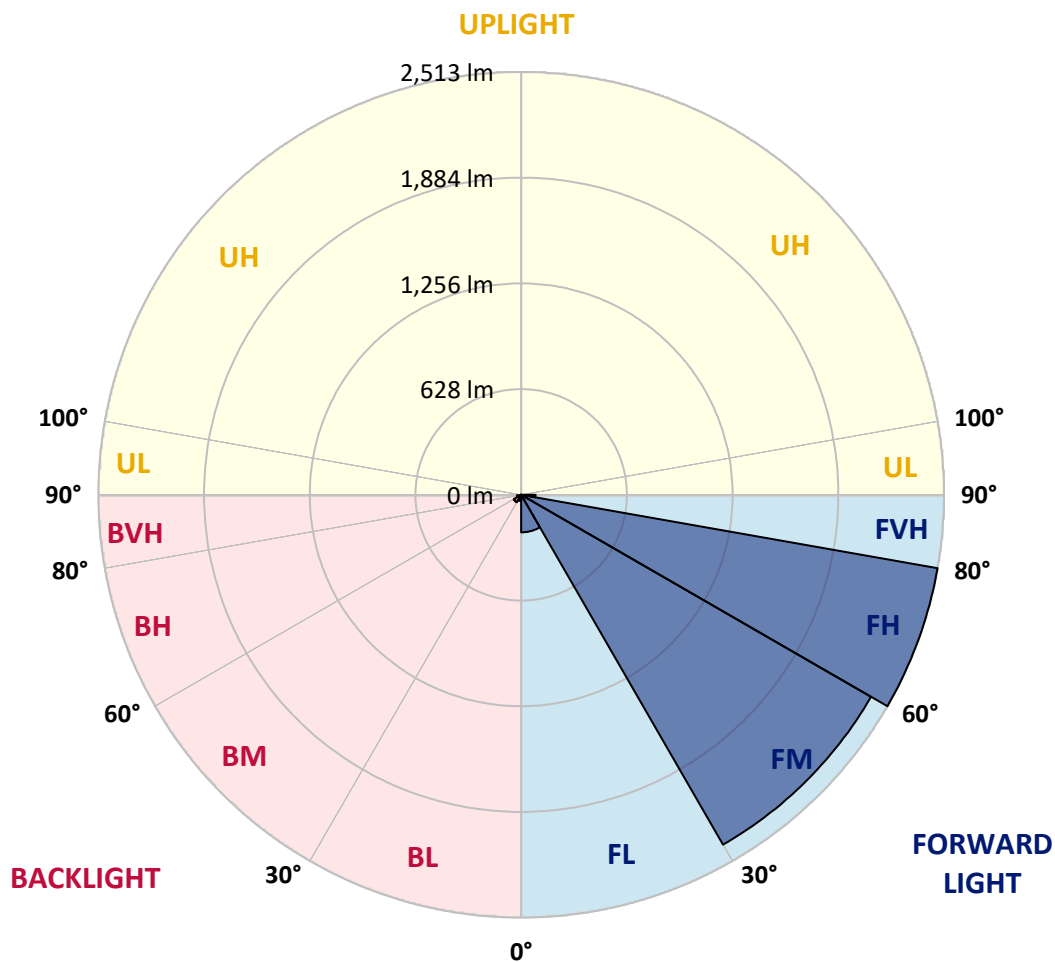
CATALOG NUMBER: AVM-E03-LED-E-U-SL3-HSS-7050

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

| Zone |             | Lumens | % Fixture | Zone Rating/Lumen Limit |      |         |
|------|-------------|--------|-----------|-------------------------|------|---------|
|      |             |        |           | B                       | U    | G       |
| FL   | (0°-30°)    | 222.9  | 4.2       |                         |      |         |
| FM   | (30°-60°)   | 2400.3 | 45.0      |                         |      |         |
| FH   | (60°-80°)   | 2512.5 | 47.1      |                         |      | G2/5000 |
| FVH  | (80°-90°)   | 85.8   | 1.6       |                         |      | G1/100  |
| BL   | (0°-30°)    | 36.5   | 0.7       | B0/110                  |      |         |
| BM   | (30°-60°)   | 50.8   | 1.0       | B0/220                  |      |         |
| BH   | (60°-80°)   | 24.8   | 0.5       | B0/110                  |      | G0/110  |
| BVH  | (80°-90°)   | 3.6    | 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-G2**

Type III Short





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**CANDELA DISTRIBUTION (FULL):**

|       | 0°     | 5°     | 15°    | 25°    | 35°    | 45°    | 55°    | 65°    | 66°    | 67°    | 68°    |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 161.1  | 161.1  | 161.1  | 161.1  | 161.1  | 161.1  | 161.1  | 161.1  | 161.1  | 161.1  | 161.1  |
| 2.5°  | 203.2  | 202.1  | 198.0  | 198.0  | 191.9  | 187.8  | 182.6  | 177.5  | 177.5  | 176.5  | 175.5  |
| 5°    | 268.8  | 262.7  | 261.7  | 250.4  | 241.1  | 227.8  | 215.5  | 199.1  | 197.0  | 195.0  | 193.9  |
| 7.5°  | 341.7  | 340.7  | 331.4  | 318.1  | 299.6  | 275.0  | 250.4  | 223.7  | 219.6  | 217.5  | 213.4  |
| 10°   | 436.1  | 431.0  | 418.7  | 396.1  | 368.4  | 335.5  | 295.5  | 253.4  | 248.3  | 244.2  | 242.2  |
| 12.5° | 526.4  | 517.2  | 510.0  | 481.2  | 446.4  | 398.1  | 349.9  | 289.4  | 285.3  | 280.1  | 271.9  |
| 15°   | 610.5  | 602.3  | 590.0  | 565.4  | 526.4  | 465.9  | 409.4  | 335.5  | 325.3  | 318.1  | 311.9  |
| 17.5° | 676.2  | 671.1  | 656.7  | 629.0  | 586.9  | 533.6  | 465.9  | 382.7  | 374.5  | 365.3  | 354.0  |
| 20°   | 738.8  | 731.6  | 709.0  | 671.1  | 625.9  | 584.9  | 532.5  | 444.3  | 433.0  | 421.7  | 409.4  |
| 22.5° | 798.3  | 791.1  | 754.2  | 691.6  | 643.4  | 625.9  | 607.5  | 514.1  | 496.6  | 487.4  | 475.1  |
| 25°   | 881.4  | 866.0  | 808.6  | 709.0  | 644.4  | 657.7  | 689.5  | 604.4  | 588.0  | 574.6  | 555.1  |
| 27.5° | 993.3  | 972.7  | 882.5  | 734.7  | 648.5  | 692.6  | 783.9  | 714.2  | 696.7  | 681.3  | 659.8  |
| 30°   | 1119.5 | 1106.1 | 998.4  | 796.3  | 678.3  | 743.9  | 889.6  | 853.7  | 833.2  | 814.7  | 789.1  |
| 32.5° | 1246.7 | 1228.2 | 1121.5 | 913.2  | 758.3  | 843.5  | 1022.0 | 1015.8 | 989.2  | 971.7  | 944.0  |
| 35°   | 1358.6 | 1349.3 | 1270.3 | 1105.1 | 940.9  | 1017.9 | 1198.5 | 1205.7 | 1182.1 | 1163.6 | 1132.8 |
| 37.5° | 1434.5 | 1434.5 | 1419.1 | 1311.4 | 1231.3 | 1288.8 | 1458.1 | 1459.1 | 1435.5 | 1393.5 | 1378.1 |
| 40°   | 1473.5 | 1484.8 | 1540.2 | 1560.7 | 1556.6 | 1630.5 | 1798.8 | 1780.3 | 1760.8 | 1739.2 | 1687.9 |
| 42.5° | 1553.5 | 1563.8 | 1681.8 | 1823.4 | 1915.7 | 2013.2 | 2129.2 | 2123.0 | 2099.4 | 2060.4 | 2013.2 |
| 45°   | 1689.0 | 1702.3 | 1842.9 | 2067.6 | 2257.4 | 2396.0 | 2469.8 | 2441.1 | 2417.5 | 2380.6 | 2355.9 |
| 47.5° | 1861.4 | 1887.0 | 2046.1 | 2324.1 | 2553.0 | 2781.8 | 2858.7 | 2782.8 | 2762.3 | 2733.5 | 2693.5 |
| 50°   | 2045.0 | 2069.7 | 2239.0 | 2557.1 | 2815.6 | 3088.6 | 3216.8 | 3088.6 | 3058.8 | 3049.6 | 3004.4 |
| 52.5° | 2204.1 | 2224.6 | 2387.7 | 2736.6 | 3016.8 | 3336.9 | 3523.6 | 3354.3 | 3332.8 | 3302.0 | 3269.2 |
| 55°   | 2298.5 | 2314.9 | 2467.8 | 2822.8 | 3153.2 | 3560.6 | 3820.2 | 3671.4 | 3639.6 | 3627.3 | 3580.1 |
| 57.5° | 2330.3 | 2346.7 | 2484.2 | 2834.1 | 3227.1 | 3764.8 | 4180.4 | 4185.5 | 4147.5 | 4103.4 | 4089.0 |
| 60°   | 2330.3 | 2348.8 | 2464.7 | 2806.4 | 3298.9 | 3982.3 | 4660.6 | 5088.5 | 5006.4 | 4998.2 | 4945.8 |
| 62.5° | 2233.8 | 2251.3 | 2368.3 | 2721.2 | 3395.4 | 4275.8 | 5329.6 | 6084.8 | 6061.2 | 6007.8 | 5921.7 |
| 65°   | 2024.5 | 2034.8 | 2149.7 | 2503.7 | 3358.4 | 4545.6 | 5909.3 | 6747.7 | 6709.7 | 6605.0 | 6494.2 |
| 66°   | 1930.1 | 1938.3 | 2046.1 | 2379.5 | 3237.4 | 4582.6 | 6012.0 | 6830.8 | 6768.2 | 6679.9 | 6554.8 |
| 67.5° | 1793.6 | 1808.0 | 1883.9 | 2148.7 | 2947.0 | 4454.3 | 5947.3 | 6772.3 | 6717.9 | 6611.2 | 6486.0 |
| 70°   | 1197.5 | 1187.2 | 1455.0 | 1649.0 | 2245.1 | 3629.3 | 5335.7 | 6080.7 | 6081.7 | 6031.4 | 5981.2 |
| 72.5° | 568.5  | 574.6  | 652.6  | 1014.8 | 1469.4 | 2424.7 | 4247.1 | 4853.5 | 4923.3 | 4833.0 | 4770.4 |
| 75°   | 408.4  | 417.6  | 464.8  | 620.8  | 876.3  | 1455.0 | 2753.0 | 3394.4 | 3396.4 | 3236.3 | 3093.7 |
| 77.5° | 119.0  | 124.2  | 174.4  | 382.7  | 656.7  | 982.0  | 1581.2 | 1887.0 | 1842.9 | 1728.0 | 1620.2 |
| 80°   | 49.3   | 49.3   | 51.3   | 122.1  | 263.7  | 667.0  | 1106.1 | 1453.0 | 1447.8 | 1403.7 | 1340.1 |
| 82.5° | 18.5   | 19.5   | 24.6   | 50.3   | 62.6   | 164.2  | 737.8  | 1261.1 | 1258.0 | 1195.4 | 1150.3 |
| 85°   | 2.1    | 2.1    | 6.2    | 21.5   | 23.6   | 30.8   | 147.8  | 556.1  | 553.1  | 556.1  | 487.4  |
| 87.5° | 0.0    | 0.0    | 1.0    | 2.1    | 3.1    | 4.1    | 6.2    | 21.5   | 23.6   | 22.6   | 20.5   |
| 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°    | 161.1  | 161.1  | 161.1  | 161.1  | 161.1  | 161.1  | 161.1  | 161.1  | 161.1  | 161.1  | 161.1  |
| 2.5°  | 175.5  | 173.4  | 173.4  | 172.4  | 172.4  | 172.4  | 171.4  | 170.3  | 170.3  | 169.3  | 168.3  |
| 5°    | 191.9  | 189.8  | 188.8  | 186.8  | 185.7  | 184.7  | 182.6  | 181.6  | 179.6  | 178.5  | 177.5  |
| 7.5°  | 211.4  | 207.3  | 206.2  | 203.2  | 200.1  | 198.0  | 196.0  | 192.9  | 190.9  | 186.8  | 185.7  |
| 10°   | 236.0  | 230.9  | 226.8  | 222.7  | 219.6  | 214.5  | 211.4  | 207.3  | 203.2  | 200.1  | 197.0  |
| 12.5° | 267.8  | 260.6  | 254.5  | 250.4  | 243.2  | 237.0  | 230.9  | 227.8  | 219.6  | 215.5  | 210.4  |
| 15°   | 302.7  | 294.5  | 287.3  | 279.1  | 274.0  | 263.7  | 255.5  | 246.3  | 242.2  | 235.0  | 226.8  |
| 17.5° | 347.8  | 334.5  | 323.2  | 315.0  | 304.8  | 294.5  | 285.3  | 276.0  | 263.7  | 255.5  | 245.2  |
| 20°   | 396.1  | 384.8  | 369.4  | 355.0  | 342.7  | 330.4  | 317.1  | 304.8  | 293.5  | 280.1  | 267.8  |
| 22.5° | 457.6  | 441.2  | 422.8  | 408.4  | 392.0  | 378.6  | 360.2  | 343.7  | 325.3  | 307.8  | 293.5  |
| 25°   | 535.6  | 514.1  | 496.6  | 476.1  | 456.6  | 436.1  | 413.5  | 393.0  | 369.4  | 353.0  | 328.4  |
| 27.5° | 632.1  | 611.6  | 588.0  | 561.3  | 541.8  | 511.0  | 481.2  | 455.6  | 427.9  | 402.2  | 374.5  |
| 30°   | 755.2  | 725.5  | 700.8  | 675.2  | 636.2  | 606.4  | 571.5  | 536.7  | 498.7  | 473.0  | 431.0  |
| 32.5° | 903.0  | 871.2  | 834.2  | 797.3  | 761.4  | 719.3  | 676.2  | 633.1  | 591.0  | 543.8  | 500.7  |
| 35°   | 1083.6 | 1045.6 | 1003.5 | 963.5  | 908.1  | 863.0  | 808.6  | 749.1  | 701.9  | 647.5  | 593.1  |
| 37.5° | 1322.6 | 1260.1 | 1223.1 | 1181.0 | 1106.1 | 1044.6 | 984.0  | 924.5  | 841.4  | 783.9  | 707.0  |
| 40°   | 1622.3 | 1585.3 | 1524.8 | 1457.1 | 1389.3 | 1308.3 | 1226.2 | 1147.2 | 1050.7 | 970.7  | 881.4  |
| 42.5° | 1974.2 | 1919.8 | 1858.3 | 1760.8 | 1692.0 | 1596.6 | 1503.2 | 1398.6 | 1280.6 | 1178.0 | 1073.3 |
| 45°   | 2304.6 | 2240.0 | 2192.8 | 2095.3 | 2023.5 | 1910.6 | 1797.7 | 1686.9 | 1550.4 | 1418.1 | 1297.0 |
| 47.5° | 2661.7 | 2608.4 | 2530.4 | 2451.4 | 2378.5 | 2251.3 | 2129.2 | 1994.7 | 1851.1 | 1694.1 | 1537.1 |
| 50°   | 2975.7 | 2933.6 | 2880.3 | 2784.9 | 2703.8 | 2597.1 | 2453.4 | 2306.7 | 2125.1 | 1969.1 | 1790.6 |
| 52.5° | 3242.5 | 3209.7 | 3134.8 | 3067.0 | 2994.2 | 2893.6 | 2765.4 | 2624.8 | 2428.8 | 2257.4 | 2054.3 |
| 55°   | 3557.5 | 3533.9 | 3468.2 | 3426.2 | 3361.5 | 3265.1 | 3145.0 | 3014.7 | 2807.4 | 2620.7 | 2390.8 |
| 57.5° | 4073.6 | 4055.2 | 3997.7 | 3980.3 | 3916.6 | 3832.5 | 3684.7 | 3545.2 | 3303.0 | 3071.1 | 2808.5 |
| 60°   | 4928.4 | 4891.4 | 4807.3 | 4764.2 | 4629.8 | 4516.9 | 4325.0 | 4133.2 | 3840.7 | 3545.2 | 3229.2 |
| 62.5° | 5843.7 | 5740.0 | 5580.0 | 5442.5 | 5251.6 | 5055.6 | 4799.1 | 4505.6 | 4162.9 | 3812.0 | 3448.7 |
| 65°   | 6337.2 | 6160.7 | 5958.6 | 5740.0 | 5492.7 | 5204.4 | 4881.2 | 4529.2 | 4160.9 | 3790.4 | 3406.7 |
| 66°   | 6393.7 | 6194.6 | 5980.1 | 5737.0 | 5462.0 | 5155.2 | 4826.8 | 4457.4 | 4074.7 | 3713.5 | 3329.7 |
| 67.5° | 6322.9 | 6114.6 | 5887.8 | 5617.9 | 5320.4 | 5002.3 | 4657.5 | 4273.7 | 3905.4 | 3539.0 | 3165.5 |
| 70°   | 5827.3 | 5620.0 | 5417.8 | 5133.6 | 4816.5 | 4496.4 | 4170.1 | 3741.2 | 3392.3 | 3055.7 | 2723.3 |
| 72.5° | 4653.4 | 4512.8 | 4312.7 | 4069.5 | 3760.7 | 3385.1 | 3113.2 | 2729.4 | 2426.7 | 2100.4 | 1842.9 |
| 75°   | 2908.0 | 2709.9 | 2462.7 | 2152.8 | 1916.8 | 1612.0 | 1453.0 | 1161.6 | 989.2  | 838.3  | 692.6  |
| 77.5° | 1486.8 | 1338.0 | 1164.6 | 990.2  | 822.9  | 656.7  | 507.9  | 359.1  | 242.2  | 168.3  | 125.2  |
| 80°   | 1228.2 | 1096.9 | 953.3  | 794.2  | 646.4  | 501.8  | 361.2  | 246.3  | 157.0  | 102.6  | 80.0   |
| 82.5° | 1014.8 | 904.0  | 775.7  | 628.0  | 499.7  | 394.0  | 274.0  | 178.5  | 110.8  | 71.8   | 56.4   |
| 85°   | 432.0  | 392.0  | 302.7  | 240.1  | 180.6  | 133.4  | 93.4   | 62.6   | 44.1   | 35.9   | 32.8   |
| 87.5° | 18.5   | 20.5   | 19.5   | 15.4   | 11.3   | 11.3   | 10.3   | 8.2    | 8.2    | 8.2    | 8.2    |
| 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):**

|       | 80°    | 81°    | 82°    | 83°    | 84°    | 85°    | 95°   | 105°  | 115°  | 125°  | 135°  |
|-------|--------|--------|--------|--------|--------|--------|-------|-------|-------|-------|-------|
| 0°    | 161.1  | 161.1  | 161.1  | 161.1  | 161.1  | 161.1  | 161.1 | 161.1 | 161.1 | 161.1 | 161.1 |
| 2.5°  | 168.3  | 167.3  | 166.2  | 166.2  | 165.2  | 164.2  | 158.0 | 152.9 | 146.7 | 142.6 | 138.5 |
| 5°    | 175.5  | 174.4  | 172.4  | 171.4  | 169.3  | 168.3  | 154.9 | 143.7 | 134.4 | 127.2 | 122.1 |
| 7.5°  | 182.6  | 181.6  | 178.5  | 175.5  | 174.4  | 172.4  | 150.8 | 136.5 | 124.2 | 115.9 | 110.8 |
| 10°   | 191.9  | 188.8  | 185.7  | 181.6  | 178.5  | 175.5  | 146.7 | 128.3 | 114.9 | 107.7 | 102.6 |
| 12.5° | 205.2  | 200.1  | 195.0  | 189.8  | 185.7  | 180.6  | 144.7 | 121.1 | 107.7 | 99.5  | 94.4  |
| 15°   | 220.6  | 213.4  | 207.3  | 201.1  | 193.9  | 188.8  | 140.6 | 114.9 | 101.6 | 93.4  | 87.2  |
| 17.5° | 235.0  | 226.8  | 217.5  | 208.3  | 201.1  | 193.9  | 136.5 | 108.8 | 95.4  | 87.2  | 81.1  |
| 20°   | 255.5  | 243.2  | 231.9  | 220.6  | 210.4  | 201.1  | 130.3 | 102.6 | 90.3  | 81.1  | 74.9  |
| 22.5° | 278.1  | 263.7  | 249.3  | 234.0  | 220.6  | 208.3  | 125.2 | 97.5  | 85.2  | 75.9  | 68.7  |
| 25°   | 306.8  | 289.4  | 269.9  | 250.4  | 235.0  | 218.6  | 120.1 | 92.3  | 80.0  | 70.8  | 63.6  |
| 27.5° | 346.8  | 322.2  | 300.6  | 276.0  | 252.4  | 234.0  | 115.9 | 88.2  | 74.9  | 65.7  | 58.5  |
| 30°   | 401.2  | 365.3  | 331.4  | 304.8  | 277.0  | 250.4  | 111.8 | 83.1  | 70.8  | 60.5  | 52.3  |
| 32.5° | 461.7  | 419.7  | 380.7  | 340.7  | 305.8  | 275.0  | 107.7 | 79.0  | 65.7  | 55.4  | 48.2  |
| 35°   | 536.7  | 483.3  | 431.0  | 384.8  | 342.7  | 301.7  | 103.6 | 74.9  | 61.6  | 50.3  | 43.1  |
| 37.5° | 644.4  | 577.7  | 508.9  | 449.4  | 395.1  | 340.7  | 100.6 | 70.8  | 56.4  | 45.1  | 38.0  |
| 40°   | 792.2  | 706.0  | 621.8  | 540.8  | 470.0  | 402.2  | 96.5  | 66.7  | 52.3  | 41.0  | 33.9  |
| 42.5° | 952.2  | 847.6  | 736.7  | 645.4  | 547.9  | 462.8  | 92.3  | 62.6  | 48.2  | 36.9  | 29.8  |
| 45°   | 1151.3 | 1021.0 | 886.6  | 762.4  | 643.4  | 533.6  | 88.2  | 58.5  | 43.1  | 32.8  | 25.7  |
| 47.5° | 1368.8 | 1202.6 | 1050.7 | 894.8  | 753.2  | 621.8  | 83.1  | 55.4  | 39.0  | 28.7  | 22.6  |
| 50°   | 1592.5 | 1417.1 | 1225.2 | 1047.7 | 879.4  | 710.1  | 78.0  | 50.3  | 34.9  | 25.7  | 18.5  |
| 52.5° | 1833.7 | 1626.4 | 1430.4 | 1209.8 | 1013.8 | 826.0  | 72.9  | 46.2  | 31.8  | 22.6  | 15.4  |
| 55°   | 2140.5 | 1908.6 | 1678.7 | 1431.4 | 1195.4 | 960.4  | 67.7  | 41.0  | 27.7  | 19.5  | 12.3  |
| 57.5° | 2526.3 | 2251.3 | 1969.1 | 1690.0 | 1403.7 | 1136.9 | 63.6  | 35.9  | 23.6  | 16.4  | 10.3  |
| 60°   | 2890.5 | 2569.4 | 2227.7 | 1906.5 | 1583.3 | 1272.4 | 57.5  | 31.8  | 20.5  | 13.3  | 10.3  |
| 62.5° | 3079.3 | 2713.0 | 2344.7 | 1990.6 | 1645.9 | 1320.6 | 51.3  | 26.7  | 17.4  | 11.3  | 9.2   |
| 65°   | 3033.2 | 2659.7 | 2302.6 | 1945.5 | 1607.9 | 1289.8 | 45.1  | 23.6  | 15.4  | 10.3  | 9.2   |
| 66°   | 2966.5 | 2597.1 | 2237.9 | 1898.3 | 1576.1 | 1257.0 | 42.1  | 22.6  | 14.4  | 10.3  | 8.2   |
| 67.5° | 2820.8 | 2463.7 | 2121.0 | 1804.9 | 1488.9 | 1194.4 | 38.0  | 20.5  | 13.3  | 9.2   | 8.2   |
| 70°   | 2409.3 | 2085.0 | 1811.1 | 1529.9 | 1272.4 | 1006.6 | 30.8  | 17.4  | 11.3  | 8.2   | 8.2   |
| 72.5° | 1594.6 | 1374.0 | 1191.3 | 1025.1 | 856.8  | 664.9  | 25.7  | 14.4  | 9.2   | 8.2   | 7.2   |
| 75°   | 601.3  | 543.8  | 466.9  | 419.7  | 366.3  | 321.2  | 20.5  | 9.2   | 7.2   | 7.2   | 7.2   |
| 77.5° | 106.7  | 98.5   | 87.2   | 80.0   | 73.9   | 67.7   | 16.4  | 6.2   | 6.2   | 7.2   | 7.2   |
| 80°   | 71.8   | 66.7   | 60.5   | 55.4   | 51.3   | 46.2   | 11.3  | 5.1   | 6.2   | 6.2   | 7.2   |
| 82.5° | 51.3   | 48.2   | 45.1   | 41.0   | 38.0   | 33.9   | 7.2   | 5.1   | 6.2   | 6.2   | 6.2   |
| 85°   | 30.8   | 28.7   | 26.7   | 24.6   | 21.5   | 20.5   | 5.1   | 5.1   | 5.1   | 6.2   | 6.2   |
| 87.5° | 8.2    | 7.2    | 8.2    | 8.2    | 6.2    | 7.2    | 4.1   | 4.1   | 4.1   | 5.1   | 5.1   |
| 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):**

|       | 145°  | 155°  | 165°  | 175°  | 180°  |
|-------|-------|-------|-------|-------|-------|
| 0°    | 161.1 | 161.1 | 161.1 | 161.1 | 161.1 |
| 2.5°  | 136.5 | 136.5 | 134.4 | 137.5 | 137.5 |
| 5°    | 118.0 | 118.0 | 117.0 | 118.0 | 118.0 |
| 7.5°  | 107.7 | 106.7 | 106.7 | 106.7 | 107.7 |
| 10°   | 98.5  | 97.5  | 97.5  | 97.5  | 97.5  |
| 12.5° | 90.3  | 89.3  | 88.2  | 89.3  | 89.3  |
| 15°   | 83.1  | 81.1  | 81.1  | 81.1  | 81.1  |
| 17.5° | 77.0  | 74.9  | 73.9  | 73.9  | 73.9  |
| 20°   | 70.8  | 67.7  | 67.7  | 67.7  | 67.7  |
| 22.5° | 64.6  | 61.6  | 61.6  | 61.6  | 61.6  |
| 25°   | 58.5  | 55.4  | 55.4  | 55.4  | 55.4  |
| 27.5° | 53.4  | 50.3  | 50.3  | 50.3  | 50.3  |
| 30°   | 47.2  | 45.1  | 45.1  | 46.2  | 45.1  |
| 32.5° | 43.1  | 40.0  | 40.0  | 41.0  | 41.0  |
| 35°   | 38.0  | 35.9  | 35.9  | 35.9  | 35.9  |
| 37.5° | 32.8  | 30.8  | 30.8  | 30.8  | 30.8  |
| 40°   | 28.7  | 26.7  | 25.7  | 26.7  | 26.7  |
| 42.5° | 24.6  | 22.6  | 21.5  | 21.5  | 21.5  |
| 45°   | 21.5  | 18.5  | 17.4  | 18.5  | 18.5  |
| 47.5° | 17.4  | 15.4  | 15.4  | 16.4  | 16.4  |
| 50°   | 13.3  | 13.3  | 14.4  | 16.4  | 16.4  |
| 52.5° | 12.3  | 12.3  | 14.4  | 16.4  | 16.4  |
| 55°   | 11.3  | 12.3  | 14.4  | 15.4  | 16.4  |
| 57.5° | 10.3  | 12.3  | 14.4  | 15.4  | 15.4  |
| 60°   | 10.3  | 11.3  | 13.3  | 15.4  | 15.4  |
| 62.5° | 9.2   | 10.3  | 12.3  | 14.4  | 14.4  |
| 65°   | 9.2   | 10.3  | 12.3  | 14.4  | 14.4  |
| 66°   | 9.2   | 10.3  | 12.3  | 14.4  | 14.4  |
| 67.5° | 9.2   | 10.3  | 12.3  | 14.4  | 14.4  |
| 70°   | 9.2   | 10.3  | 12.3  | 13.3  | 13.3  |
| 72.5° | 8.2   | 9.2   | 11.3  | 13.3  | 13.3  |
| 75°   | 8.2   | 9.2   | 11.3  | 13.3  | 13.3  |
| 77.5° | 8.2   | 9.2   | 11.3  | 13.3  | 13.3  |
| 80°   | 8.2   | 9.2   | 11.3  | 12.3  | 13.3  |
| 82.5° | 7.2   | 9.2   | 10.3  | 12.3  | 12.3  |
| 85°   | 7.2   | 8.2   | 10.3  | 11.3  | 12.3  |
| 87.5° | 6.2   | 7.2   | 8.2   | 10.3  | 10.3  |
| 90°   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |

(END OF REPORT)