

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: P151977

Luminaire Tested: **AVM-F02-LED-E-U-SL4-HSS-7060**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P151977  
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: AVM-F02-LED-E-U-SL4-HSS-7060  
Description: VISION SITE MEDIUM LED LUMINAIRE  
(2) LIGHTBARS WITH AccuLED OPTICS - TYPE 4 W/ SPILL LIGHT CONTROL AND HOUSE SIDE SHIELD  
Light Source: (14) 5700K CCT, 70 CRI LEDs  
Ballast/Driver: -

**Summary**

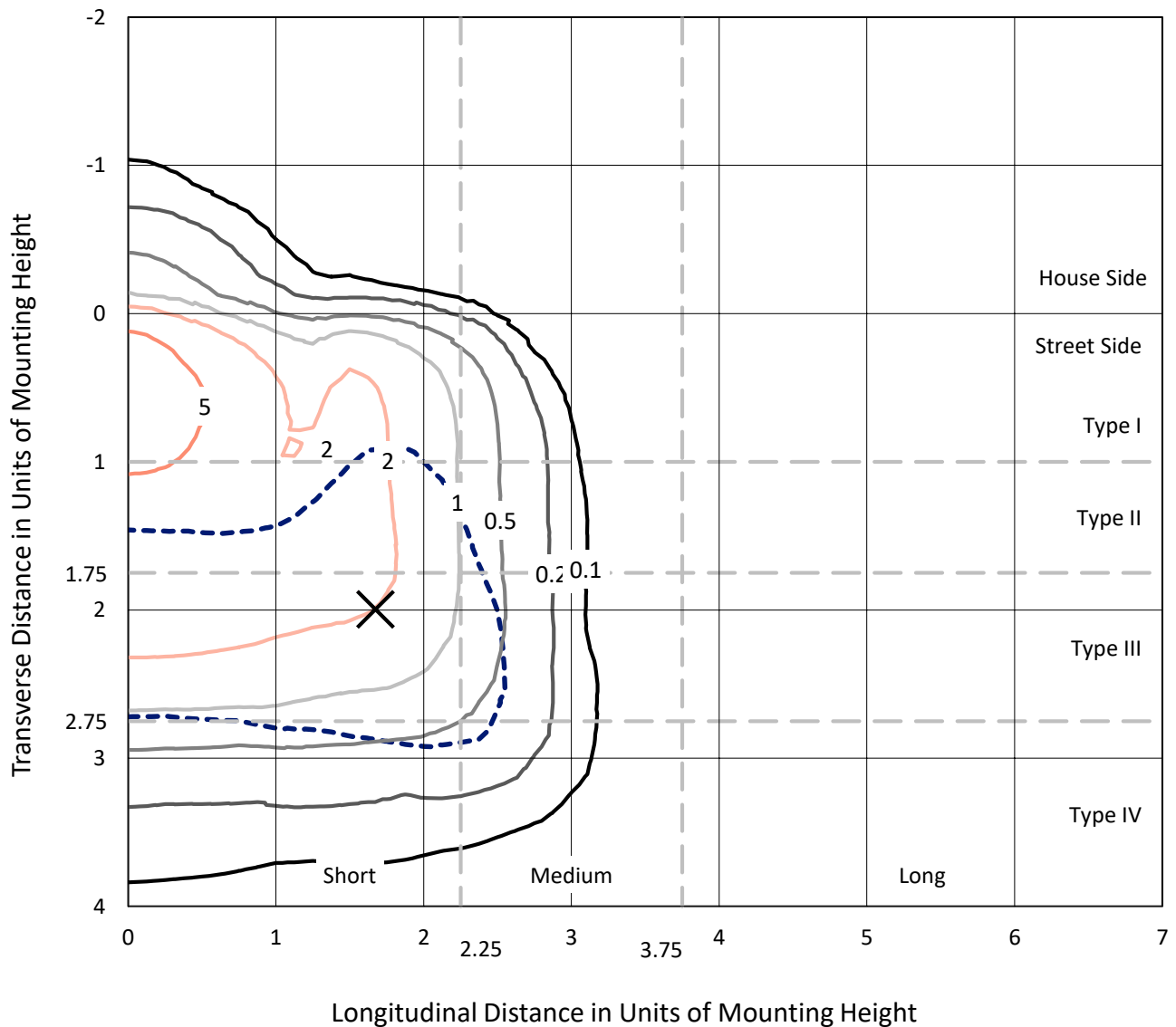
Lumens per Lamp: N/A  
Luminaire Lumens: 3447.3 lumens  
Efficiency: N/A  
Efficacy: 62.7 lumens/watt  
Luminous Opening: Rectangular (W 0.33' x L: 1' x H: 0')  
IES Classification: Type IV - Short - Semi-Cutoff  
BUG Rating: B0 - U0 - G1  
  
Input Watts (W): 55  
Input Voltage (V): NR  
Input Current (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

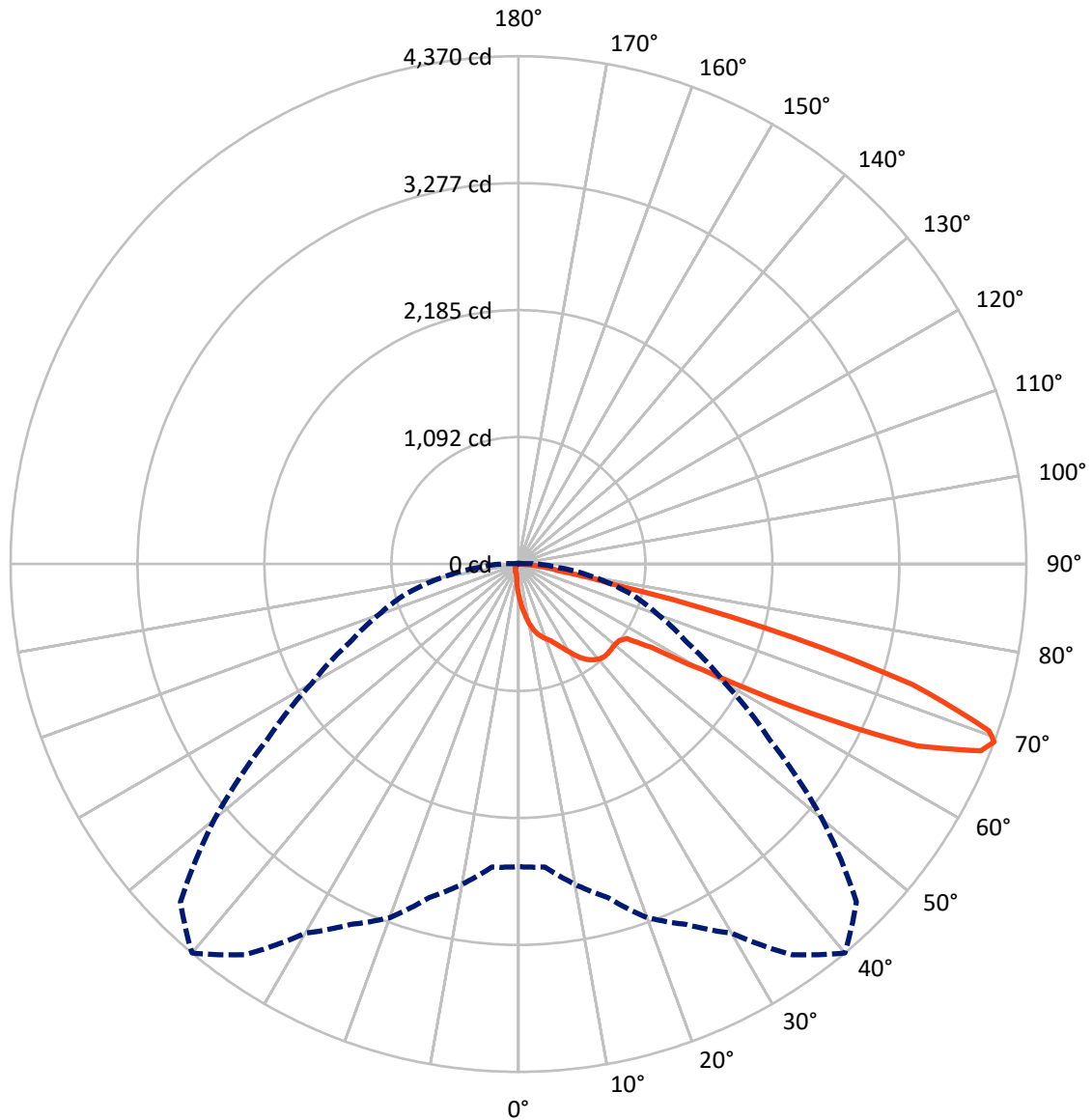
✕ Max cd  
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 7.7 fc  
 Type IV - Short - Semi-Cutoff

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### Luminous Intensity Polar Plot



— Vertical Plane Through 40-Deg Lateral    - - - Horizontal Cone Through 69-Deg Vertical

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**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total  |
|--------------------|-----------|----------|--------|--------|
| <b>House Side</b>  | Lumens    | 102.7    | 0.0    | 102.7  |
|                    | % Fixture | 3.0      | 0.0    | 3.0    |
| <b>Street Side</b> | Lumens    | 3344.6   | 0.0    | 3344.6 |
|                    | % Fixture | 97.0     | 0.0    | 97.0   |
| <b>Total</b>       | Lumens    | 3447.3   | 0.0    | 3447.3 |
|                    | % Fixture | 100.0    | 0.0    | 100.0  |

**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 26.8   | 0.8       |
| 10°-20°   | 92.3   | 2.7       |
| 20°-30°   | 176.6  | 5.1       |
| 30°-40°   | 293.6  | 8.5       |
| 40°-50°   | 397.4  | 11.5      |
| 50°-60°   | 621.4  | 18.0      |
| 60°-70°   | 1277.6 | 37.1      |
| 70°-80°   | 514.1  | 14.9      |
| 80°-90°   | 47.6   | 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°    | 3447.3 | 100.0     |
| 0°-180°   | 3447.3 | 100.0     |

**Coefficient of Utilization**



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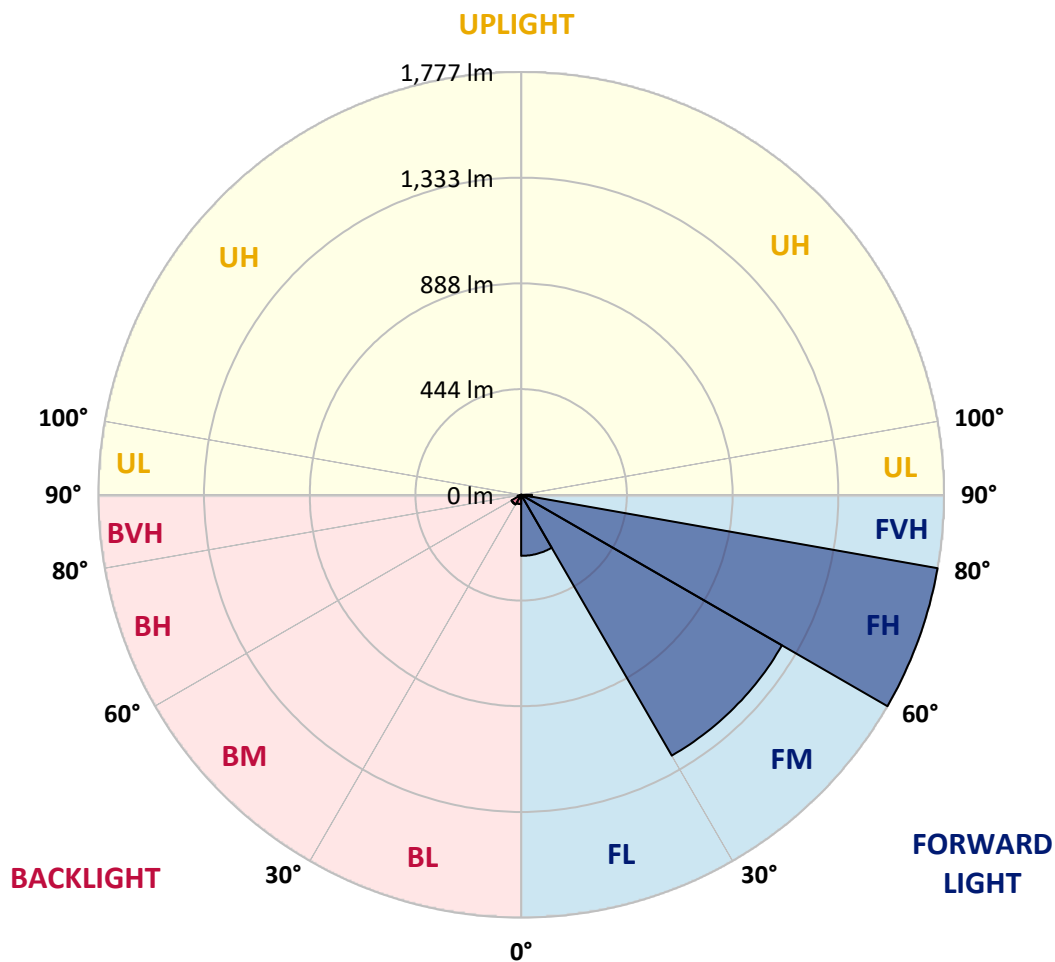
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

| Zone |             | Lumens | % Fixture | Zone Rating/Lumen Limit |      |         |
|------|-------------|--------|-----------|-------------------------|------|---------|
|      |             |        |           | B                       | U    | G       |
| FL   | (0°-30°)    | 256.5  | 7.4       |                         |      |         |
| FM   | (30°-60°)   | 1265.5 | 36.7      |                         |      |         |
| FH   | (60°-80°)   | 1776.7 | 51.5      |                         |      | G1/1800 |
| FVH  | (80°-90°)   | 45.8   | 1.3       |                         |      | G1/100  |
| BL   | (0°-30°)    | 39.0   | 1.1       | B0/110                  |      |         |
| BM   | (30°-60°)   | 46.9   | 1.4       | B0/220                  |      |         |
| BH   | (60°-80°)   | 15.0   | 0.4       | B0/110                  |      | G0/110  |
| BVH  | (80°-90°)   | 1.8    | 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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CATALOG NUMBER: AVM-F02-LED-E-U-SL4-HSS-7060

**CANDELA DISTRIBUTION (FULL):**

|       | 0°     | 5°     | 10°    | 15°    | 20°    | 25°    | 30°    | 35°    | 40°    | 45°    | 50°    |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 260.3  | 260.3  | 260.3  | 260.3  | 260.3  | 260.3  | 260.3  | 260.3  | 260.3  | 260.3  | 260.3  |
| 2.5°  | 347.3  | 343.3  | 338.8  | 338.8  | 333.2  | 333.2  | 329.8  | 320.8  | 319.6  | 314.5  | 309.5  |
| 5°    | 443.3  | 439.9  | 434.3  | 429.2  | 424.7  | 416.8  | 411.1  | 400.4  | 388.5  | 377.2  | 367.1  |
| 7.5°  | 537.0  | 535.4  | 525.2  | 523.5  | 516.2  | 503.2  | 491.9  | 476.1  | 455.7  | 439.9  | 421.3  |
| 10°   | 624.0  | 620.1  | 617.8  | 608.2  | 597.5  | 583.4  | 565.8  | 546.6  | 522.9  | 498.1  | 471.5  |
| 12.5° | 692.9  | 690.6  | 680.5  | 676.5  | 665.2  | 651.1  | 629.1  | 604.2  | 580.5  | 548.3  | 517.3  |
| 15°   | 744.3  | 740.3  | 733.6  | 727.4  | 713.8  | 701.4  | 681.0  | 653.9  | 625.1  | 590.1  | 552.9  |
| 17.5° | 787.2  | 779.9  | 778.2  | 768.6  | 754.5  | 739.8  | 717.2  | 692.3  | 658.5  | 623.4  | 582.8  |
| 20°   | 844.8  | 834.7  | 831.3  | 817.1  | 800.8  | 780.4  | 754.5  | 723.4  | 687.8  | 649.4  | 607.6  |
| 22.5° | 912.6  | 905.2  | 897.9  | 885.5  | 864.6  | 835.8  | 797.9  | 764.1  | 718.9  | 676.5  | 631.4  |
| 25°   | 1008.6 | 1002.4 | 990.5  | 973.6  | 947.6  | 913.1  | 867.4  | 817.7  | 764.6  | 710.4  | 657.3  |
| 27.5° | 1101.8 | 1096.1 | 1087.6 | 1074.7 | 1045.3 | 1007.5 | 951.0  | 887.7  | 820.5  | 755.0  | 696.3  |
| 30°   | 1189.3 | 1184.2 | 1175.7 | 1162.8 | 1136.8 | 1099.5 | 1035.7 | 967.9  | 884.3  | 808.1  | 737.5  |
| 32.5° | 1283.6 | 1281.9 | 1272.3 | 1253.7 | 1231.1 | 1180.8 | 1111.4 | 1038.5 | 953.8  | 865.7  | 783.3  |
| 35°   | 1390.3 | 1377.3 | 1368.3 | 1349.7 | 1311.3 | 1257.6 | 1176.3 | 1096.7 | 1007.5 | 917.1  | 825.1  |
| 37.5° | 1480.7 | 1468.3 | 1457.0 | 1433.3 | 1386.4 | 1318.0 | 1226.0 | 1138.5 | 1046.4 | 954.4  | 860.6  |
| 40°   | 1546.8 | 1540.5 | 1527.0 | 1495.9 | 1443.4 | 1362.1 | 1262.7 | 1167.3 | 1074.7 | 982.0  | 889.4  |
| 42.5° | 1595.9 | 1586.3 | 1571.0 | 1538.9 | 1476.7 | 1384.1 | 1277.4 | 1179.1 | 1087.6 | 999.0  | 908.1  |
| 45°   | 1614.0 | 1606.1 | 1591.9 | 1556.9 | 1489.7 | 1390.3 | 1276.8 | 1175.7 | 1088.2 | 1004.1 | 920.5  |
| 47.5° | 1603.2 | 1595.3 | 1582.9 | 1550.1 | 1484.1 | 1383.0 | 1266.7 | 1166.1 | 1082.6 | 1005.8 | 931.8  |
| 50°   | 1567.7 | 1563.1 | 1553.5 | 1525.9 | 1466.6 | 1368.9 | 1257.6 | 1161.1 | 1081.4 | 1014.2 | 947.6  |
| 52.5° | 1564.3 | 1561.4 | 1549.6 | 1521.9 | 1461.5 | 1364.4 | 1256.5 | 1163.9 | 1091.0 | 1025.0 | 958.9  |
| 55°   | 1911.6 | 1871.5 | 1781.7 | 1705.4 | 1580.1 | 1431.0 | 1313.5 | 1209.6 | 1131.7 | 1067.3 | 1021.0 |
| 57.5° | 2716.9 | 2657.0 | 2539.0 | 2393.8 | 2105.8 | 1822.9 | 1596.5 | 1432.7 | 1351.9 | 1322.6 | 1340.1 |
| 60°   | 3094.1 | 3083.4 | 3064.7 | 2995.8 | 2848.4 | 2605.0 | 2334.0 | 2040.9 | 1923.4 | 1913.3 | 1948.8 |
| 62.5° | 3273.1 | 3266.3 | 3272.0 | 3263.5 | 3217.8 | 3146.6 | 3068.7 | 2942.2 | 2825.8 | 2750.7 | 2591.5 |
| 65°   | 3355.5 | 3360.1 | 3392.3 | 3417.7 | 3423.3 | 3442.0 | 3499.0 | 3656.5 | 3771.7 | 3578.0 | 3135.9 |
| 67.5° | 3146.0 | 3172.6 | 3246.6 | 3339.2 | 3447.6 | 3552.6 | 3722.1 | 4054.1 | 4290.7 | 4063.1 | 3435.2 |
| 69°   | 2604.5 | 2617.5 | 2798.2 | 2972.7 | 3237.5 | 3422.8 | 3668.4 | 4103.8 | 4369.8 | 4112.8 | 3411.5 |
| 70°   | 2050.5 | 2062.3 | 2256.0 | 2493.2 | 2941.0 | 3179.4 | 3500.7 | 4019.7 | 4295.8 | 4046.8 | 3289.5 |
| 72.5° | 925.0  | 908.1  | 976.4  | 1103.5 | 1590.2 | 1968.6 | 2530.5 | 3256.7 | 3544.2 | 3242.0 | 2461.0 |
| 75°   | 646.0  | 638.7  | 646.0  | 646.6  | 722.3  | 931.8  | 1175.7 | 1765.3 | 2183.2 | 1883.9 | 1175.7 |
| 77.5° | 500.3  | 495.3  | 490.2  | 484.5  | 493.6  | 552.9  | 576.6  | 626.3  | 813.2  | 769.1  | 448.4  |
| 80°   | 395.9  | 391.3  | 403.8  | 399.8  | 399.8  | 406.6  | 402.1  | 383.4  | 348.4  | 323.0  | 289.1  |
| 82.5° | 184.1  | 185.2  | 185.2  | 201.0  | 242.3  | 282.9  | 295.9  | 277.3  | 246.2  | 209.5  | 168.9  |
| 85°   | 17.5   | 19.8   | 33.3   | 51.4   | 102.2  | 115.2  | 115.8  | 96.0   | 96.0   | 75.7   | 61.0   |
| 87.5° | 0.0    | 0.6    | 0.6    | 0.6    | 5.1    | 14.1   | 11.9   | 3.4    | 1.7    | 1.7    | 2.8    |
| 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°    | 260.3  | 260.3  | 260.3  | 260.3  | 260.3  | 260.3  | 260.3 | 260.3 | 260.3 | 260.3 | 260.3 |
| 2.5°  | 300.4  | 298.7  | 292.0  | 285.2  | 279.0  | 272.2  | 266.0 | 259.8 | 253.0 | 247.9 | 241.7 |
| 5°    | 351.3  | 338.8  | 324.7  | 311.2  | 297.6  | 283.5  | 268.8 | 255.8 | 242.3 | 229.8 | 218.0 |
| 7.5°  | 402.6  | 378.4  | 359.2  | 334.9  | 312.9  | 290.8  | 270.5 | 249.6 | 230.4 | 212.3 | 195.4 |
| 10°   | 446.1  | 416.8  | 386.8  | 355.8  | 324.1  | 294.8  | 266.5 | 241.7 | 216.3 | 194.3 | 173.4 |
| 12.5° | 481.7  | 444.4  | 407.7  | 368.8  | 333.2  | 295.9  | 260.9 | 231.0 | 201.0 | 176.2 | 154.7 |
| 15°   | 513.9  | 471.0  | 426.9  | 381.7  | 336.6  | 294.2  | 255.3 | 218.0 | 187.5 | 159.3 | 135.0 |
| 17.5° | 539.9  | 490.7  | 441.0  | 390.2  | 341.7  | 292.0  | 247.9 | 208.9 | 173.4 | 144.0 | 120.3 |
| 20°   | 562.5  | 511.1  | 457.4  | 400.4  | 345.0  | 291.4  | 241.7 | 197.7 | 160.9 | 129.9 | 106.7 |
| 22.5° | 583.4  | 532.0  | 474.4  | 413.4  | 350.1  | 290.8  | 236.1 | 189.2 | 150.2 | 119.2 | 96.0  |
| 25°   | 607.1  | 552.9  | 492.4  | 426.9  | 359.2  | 293.1  | 232.7 | 182.4 | 140.6 | 109.0 | 87.5  |
| 27.5° | 633.6  | 576.6  | 513.9  | 443.9  | 371.0  | 297.6  | 231.5 | 175.1 | 132.1 | 99.4  | 80.8  |
| 30°   | 670.9  | 604.8  | 535.4  | 460.8  | 381.7  | 302.7  | 230.4 | 170.5 | 123.7 | 92.0  | 74.0  |
| 32.5° | 703.6  | 632.5  | 559.1  | 478.3  | 393.6  | 307.8  | 229.8 | 164.3 | 115.8 | 84.7  | 68.9  |
| 35°   | 738.1  | 657.9  | 579.4  | 495.3  | 403.8  | 313.4  | 229.3 | 159.8 | 108.4 | 77.4  | 63.8  |
| 37.5° | 768.0  | 679.4  | 595.2  | 509.9  | 415.1  | 318.5  | 229.8 | 155.9 | 101.6 | 71.2  | 59.3  |
| 40°   | 793.4  | 701.4  | 612.7  | 523.5  | 426.9  | 326.4  | 230.4 | 151.9 | 94.9  | 65.5  | 55.3  |
| 42.5° | 816.0  | 722.3  | 631.4  | 538.7  | 440.5  | 335.4  | 233.8 | 148.5 | 89.2  | 60.4  | 51.4  |
| 45°   | 833.5  | 741.5  | 651.7  | 560.2  | 462.5  | 350.1  | 240.0 | 146.3 | 83.6  | 55.9  | 48.0  |
| 47.5° | 851.6  | 769.7  | 686.1  | 594.1  | 494.7  | 373.3  | 250.7 | 145.7 | 79.1  | 52.5  | 45.2  |
| 50°   | 876.4  | 797.9  | 716.6  | 628.5  | 524.1  | 397.0  | 263.7 | 146.3 | 73.4  | 49.1  | 42.4  |
| 52.5° | 894.5  | 826.7  | 756.2  | 688.4  | 594.1  | 469.3  | 314.0 | 156.4 | 70.6  | 46.3  | 39.0  |
| 55°   | 1001.2 | 989.4  | 991.1  | 1002.4 | 929.5  | 798.5  | 525.2 | 225.9 | 83.0  | 52.5  | 38.4  |
| 57.5° | 1411.8 | 1453.6 | 1477.9 | 1477.3 | 1357.0 | 1125.5 | 705.3 | 290.3 | 92.6  | 61.0  | 45.7  |
| 60°   | 1951.7 | 1920.0 | 1875.4 | 1765.3 | 1605.5 | 1284.7 | 788.9 | 312.3 | 80.2  | 48.6  | 41.8  |
| 62.5° | 2428.8 | 2243.6 | 2079.3 | 1900.8 | 1691.3 | 1340.1 | 805.9 | 310.6 | 70.0  | 36.7  | 29.4  |
| 65°   | 2726.5 | 2393.3 | 2127.9 | 1904.2 | 1657.4 | 1293.8 | 762.4 | 285.2 | 59.3  | 29.9  | 24.3  |
| 67.5° | 2797.6 | 2312.5 | 1937.0 | 1651.8 | 1384.7 | 1006.9 | 559.6 | 214.6 | 46.3  | 24.8  | 21.5  |
| 69°   | 2642.3 | 2055.6 | 1604.9 | 1281.3 | 1007.5 | 668.1  | 346.2 | 135.5 | 35.6  | 22.6  | 19.8  |
| 70°   | 2430.5 | 1787.9 | 1307.3 | 1028.3 | 746.0  | 469.3  | 242.3 | 95.4  | 28.8  | 20.9  | 18.1  |
| 72.5° | 1563.7 | 939.1  | 642.6  | 447.3  | 307.8  | 186.9  | 94.9  | 42.9  | 22.0  | 17.5  | 14.7  |
| 75°   | 606.5  | 347.3  | 251.9  | 191.4  | 149.7  | 103.9  | 57.6  | 27.7  | 18.6  | 14.7  | 11.3  |
| 77.5° | 298.7  | 228.7  | 186.9  | 128.2  | 74.5   | 46.3   | 31.1  | 21.5  | 15.2  | 10.7  | 7.3   |
| 80°   | 236.1  | 157.0  | 93.7   | 58.2   | 44.0   | 33.3   | 23.7  | 17.5  | 11.3  | 6.8   | 5.1   |
| 82.5° | 120.8  | 66.1   | 48.6   | 39.5   | 32.8   | 26.0   | 19.2  | 12.4  | 7.3   | 4.5   | 4.0   |
| 85°   | 37.8   | 27.7   | 24.8   | 24.3   | 22.6   | 18.6   | 13.6  | 7.9   | 4.5   | 2.8   | 2.8   |
| 87.5° | 2.8    | 4.0    | 5.1    | 4.0    | 4.5    | 4.0    | 5.1   | 3.4   | 2.3   | 2.3   | 1.7   |
| 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°    | 260.3 | 260.3 | 260.3 | 260.3 | 260.3 | 260.3 | 260.3 | 260.3 | 260.3 | 260.3 | 260.3 |
| 2.5°  | 237.2 | 230.4 | 224.2 | 220.2 | 212.9 | 210.1 | 207.3 | 206.1 | 201.0 | 202.2 | 197.7 |
| 5°    | 207.3 | 195.4 | 186.4 | 177.3 | 168.9 | 162.6 | 157.6 | 151.3 | 146.3 | 144.0 | 139.5 |
| 7.5°  | 180.1 | 164.9 | 153.0 | 143.4 | 133.3 | 125.4 | 118.6 | 114.1 | 109.6 | 105.0 | 102.8 |
| 10°   | 156.4 | 140.0 | 126.5 | 116.9 | 107.3 | 100.5 | 95.4  | 92.0  | 89.2  | 87.5  | 87.0  |
| 12.5° | 134.4 | 118.6 | 106.2 | 97.7  | 90.4  | 87.0  | 84.7  | 83.0  | 82.4  | 81.9  | 81.9  |
| 15°   | 117.5 | 101.6 | 92.0  | 85.8  | 82.4  | 80.8  | 80.2  | 79.1  | 77.9  | 77.4  | 77.4  |
| 17.5° | 101.6 | 89.8  | 83.0  | 79.6  | 77.9  | 76.8  | 75.7  | 74.5  | 73.4  | 72.8  | 72.8  |
| 20°   | 90.9  | 81.3  | 77.9  | 75.7  | 74.0  | 72.8  | 71.2  | 70.0  | 69.5  | 68.9  | 68.3  |
| 22.5° | 82.4  | 76.2  | 74.0  | 72.3  | 70.0  | 68.3  | 67.2  | 66.1  | 64.9  | 64.4  | 63.8  |
| 25°   | 76.2  | 72.3  | 70.6  | 68.3  | 66.1  | 64.4  | 62.7  | 61.0  | 59.9  | 59.3  | 58.2  |
| 27.5° | 71.7  | 68.9  | 66.6  | 63.8  | 61.6  | 59.9  | 58.2  | 56.5  | 55.3  | 54.2  | 53.6  |
| 30°   | 67.8  | 64.9  | 62.1  | 59.9  | 57.0  | 55.3  | 53.1  | 51.4  | 50.8  | 49.7  | 48.6  |
| 32.5° | 63.8  | 61.0  | 58.2  | 55.3  | 52.5  | 50.3  | 49.1  | 46.9  | 45.7  | 45.2  | 44.0  |
| 35°   | 59.3  | 56.5  | 53.1  | 50.8  | 48.0  | 45.7  | 44.0  | 42.4  | 41.2  | 40.1  | 39.5  |
| 37.5° | 55.3  | 52.0  | 48.6  | 45.7  | 43.5  | 41.2  | 39.5  | 37.8  | 36.7  | 35.6  | 35.0  |
| 40°   | 50.8  | 47.4  | 44.0  | 41.2  | 39.0  | 37.3  | 35.6  | 33.9  | 32.8  | 32.2  | 32.2  |
| 42.5° | 46.9  | 42.9  | 39.5  | 37.3  | 35.6  | 33.3  | 31.6  | 29.9  | 29.4  | 28.8  | 29.4  |
| 45°   | 42.9  | 39.0  | 36.1  | 33.9  | 32.2  | 29.9  | 28.2  | 27.1  | 26.5  | 27.1  | 27.7  |
| 47.5° | 39.5  | 35.6  | 32.8  | 31.1  | 29.4  | 27.7  | 26.0  | 24.8  | 24.8  | 26.0  | 27.1  |
| 50°   | 36.1  | 32.2  | 29.9  | 28.8  | 27.1  | 25.4  | 23.2  | 22.6  | 23.2  | 24.3  | 25.4  |
| 52.5° | 32.8  | 28.2  | 26.5  | 26.0  | 24.3  | 22.6  | 20.9  | 20.3  | 20.9  | 22.0  | 21.5  |
| 55°   | 29.4  | 24.8  | 24.3  | 23.7  | 22.0  | 19.8  | 18.1  | 18.1  | 18.1  | 17.5  | 16.4  |
| 57.5° | 28.2  | 22.0  | 21.5  | 20.9  | 19.2  | 16.9  | 15.8  | 14.7  | 14.1  | 12.4  | 11.9  |
| 60°   | 29.4  | 19.8  | 19.8  | 18.6  | 16.9  | 14.7  | 13.0  | 11.3  | 10.2  | 9.0   | 9.0   |
| 62.5° | 23.7  | 18.1  | 17.5  | 16.4  | 14.1  | 11.9  | 10.2  | 8.5   | 7.9   | 7.3   | 7.3   |
| 65°   | 19.2  | 16.4  | 15.2  | 13.6  | 11.9  | 9.6   | 7.9   | 6.8   | 6.2   | 6.2   | 6.8   |
| 67.5° | 17.5  | 14.7  | 13.0  | 11.3  | 9.6   | 7.3   | 6.2   | 5.6   | 5.6   | 6.2   | 6.2   |
| 69°   | 16.4  | 13.6  | 11.9  | 10.2  | 8.5   | 6.8   | 5.6   | 5.6   | 5.6   | 5.6   | 6.2   |
| 70°   | 15.2  | 13.0  | 11.3  | 9.6   | 7.3   | 5.6   | 5.1   | 5.1   | 5.6   | 5.6   | 6.2   |
| 72.5° | 11.9  | 10.2  | 9.6   | 7.9   | 5.6   | 5.1   | 4.5   | 5.1   | 5.1   | 5.6   | 5.6   |
| 75°   | 9.0   | 7.3   | 7.3   | 6.2   | 4.5   | 4.0   | 4.0   | 4.5   | 4.5   | 5.1   | 5.1   |
| 77.5° | 6.2   | 5.1   | 5.1   | 4.5   | 4.0   | 3.4   | 3.4   | 4.0   | 4.5   | 4.5   | 5.1   |
| 80°   | 4.5   | 4.0   | 3.4   | 4.0   | 3.4   | 2.8   | 3.4   | 4.0   | 4.0   | 4.5   | 4.5   |
| 82.5° | 3.4   | 3.4   | 3.4   | 3.4   | 2.8   | 2.8   | 3.4   | 3.4   | 4.0   | 4.5   | 4.5   |
| 85°   | 2.8   | 2.8   | 2.8   | 2.8   | 2.8   | 2.8   | 2.8   | 3.4   | 3.4   | 4.0   | 4.0   |
| 87.5° | 1.7   | 1.7   | 1.7   | 2.3   | 2.3   | 2.8   | 2.8   | 2.8   | 2.8   | 3.4   | 3.4   |
| 90°   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |



REPORT NUMBER: P151977

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**CANDELA DISTRIBUTION (continued):**

|       | 165°  | 170°  | 175°  | 180°  |
|-------|-------|-------|-------|-------|
| 0°    | 260.3 | 260.3 | 260.3 | 260.3 |
| 2.5°  | 196.5 | 196.0 | 193.7 | 194.3 |
| 5°    | 137.8 | 134.4 | 136.7 | 136.1 |
| 7.5°  | 101.1 | 100.5 | 100.0 | 101.1 |
| 10°   | 86.4  | 86.4  | 85.8  | 86.4  |
| 12.5° | 81.3  | 81.3  | 81.3  | 81.3  |
| 15°   | 77.4  | 77.4  | 76.8  | 76.8  |
| 17.5° | 72.8  | 72.8  | 72.8  | 72.3  |
| 20°   | 68.3  | 67.8  | 67.8  | 67.8  |
| 22.5° | 63.2  | 62.7  | 62.7  | 62.7  |
| 25°   | 58.2  | 57.6  | 57.6  | 57.6  |
| 27.5° | 53.1  | 52.5  | 52.0  | 52.0  |
| 30°   | 48.0  | 47.4  | 46.9  | 46.9  |
| 32.5° | 42.9  | 42.4  | 41.8  | 41.8  |
| 35°   | 38.4  | 38.4  | 37.8  | 37.3  |
| 37.5° | 34.4  | 34.4  | 34.4  | 34.4  |
| 40°   | 31.6  | 32.2  | 32.2  | 32.2  |
| 42.5° | 29.9  | 30.5  | 31.1  | 31.6  |
| 45°   | 28.8  | 29.9  | 30.5  | 30.5  |
| 47.5° | 28.2  | 28.8  | 29.4  | 29.4  |
| 50°   | 26.0  | 25.4  | 25.4  | 25.4  |
| 52.5° | 20.9  | 19.8  | 19.2  | 18.6  |
| 55°   | 15.2  | 14.7  | 13.6  | 13.6  |
| 57.5° | 10.7  | 10.7  | 10.2  | 10.2  |
| 60°   | 8.5   | 8.5   | 7.9   | 8.5   |
| 62.5° | 7.3   | 7.3   | 7.3   | 7.3   |
| 65°   | 6.8   | 6.8   | 6.8   | 6.8   |
| 67.5° | 6.8   | 6.8   | 6.8   | 6.8   |
| 69°   | 6.2   | 6.2   | 6.2   | 6.2   |
| 70°   | 6.2   | 6.2   | 6.2   | 6.2   |
| 72.5° | 5.6   | 5.6   | 5.6   | 5.6   |
| 75°   | 5.1   | 5.6   | 5.6   | 5.6   |
| 77.5° | 5.1   | 5.1   | 5.1   | 5.1   |
| 80°   | 4.5   | 4.5   | 5.1   | 5.1   |
| 82.5° | 4.5   | 4.5   | 4.5   | 4.5   |
| 85°   | 4.0   | 4.0   | 4.5   | 4.5   |
| 87.5° | 3.4   | 3.4   | 4.0   | 4.0   |
| 90°   | 0.0   | 0.0   | 0.0   | 0.0   |

(END OF REPORT)