

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: P152595

Luminaire Tested: **AVS-F01-LED-E-U-SL4**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P152595  
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (P33680)  
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-SL4  
Description: VISION SITE SMALL LED LUMINAIRE  
(1) LIGHTBARS WITH AccuLED OPTICS - TYPE 4 W/ SPILL LIGHT CONTROL  
Light Source: (7) 4000K CCT, 70 CRI LEDs  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 2438.7 lumens  
Efficiency: N/A  
Efficacy: 94.2 lumens/watt  
Luminous Opening: Rectangular (W 0.17' x L: 1' x H: 0')  
IES Classification: Type IV - Short - Full Cutoff  
BUG Rating: B1 - U0 - G1

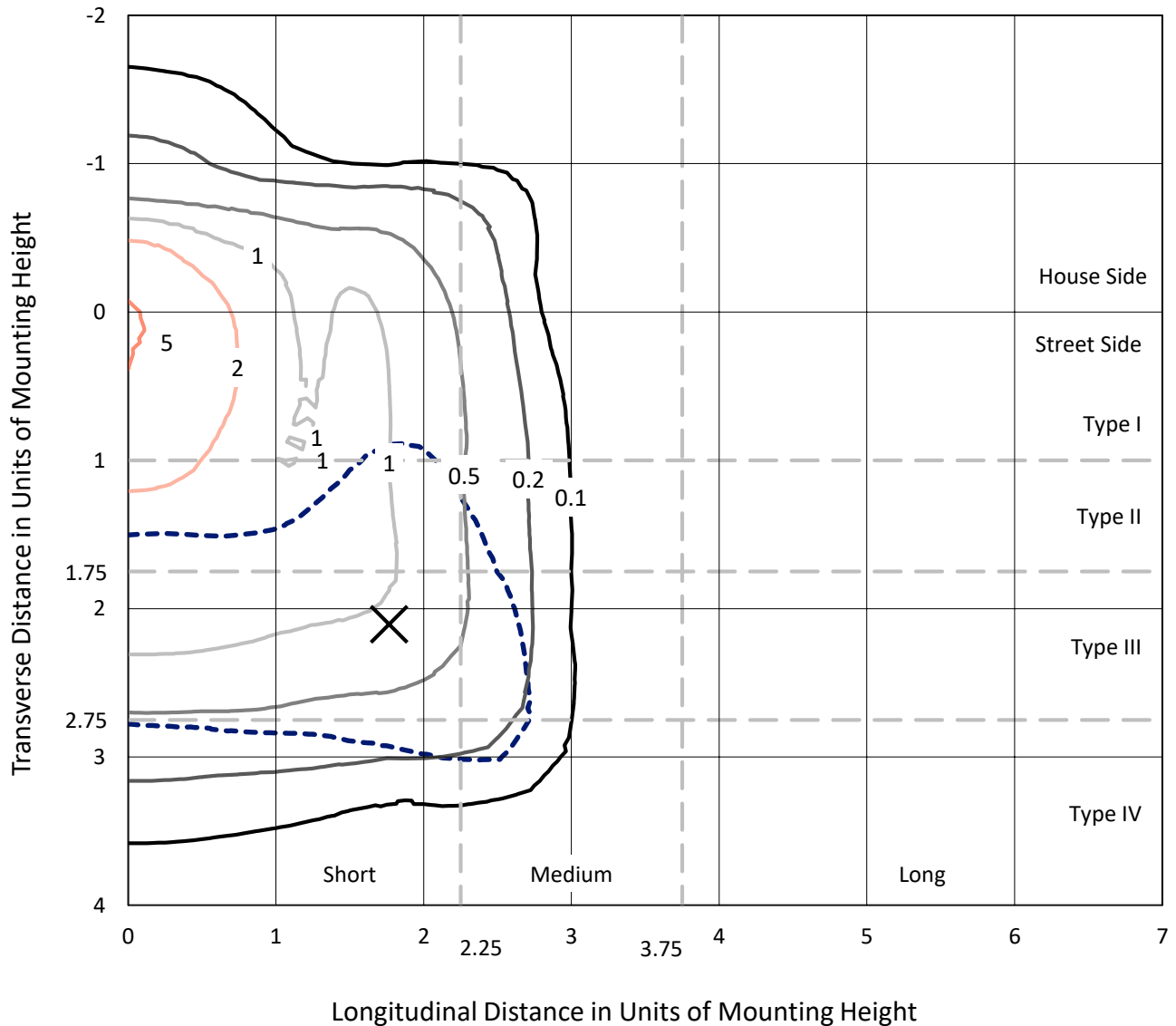
Input Watts (W): 25.9  
Input Voltage (V): NR  
Input Current (A<sub>in</sub>): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 28.75 FT



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### Iso-Footcandle Lines of Horizontal Illumination

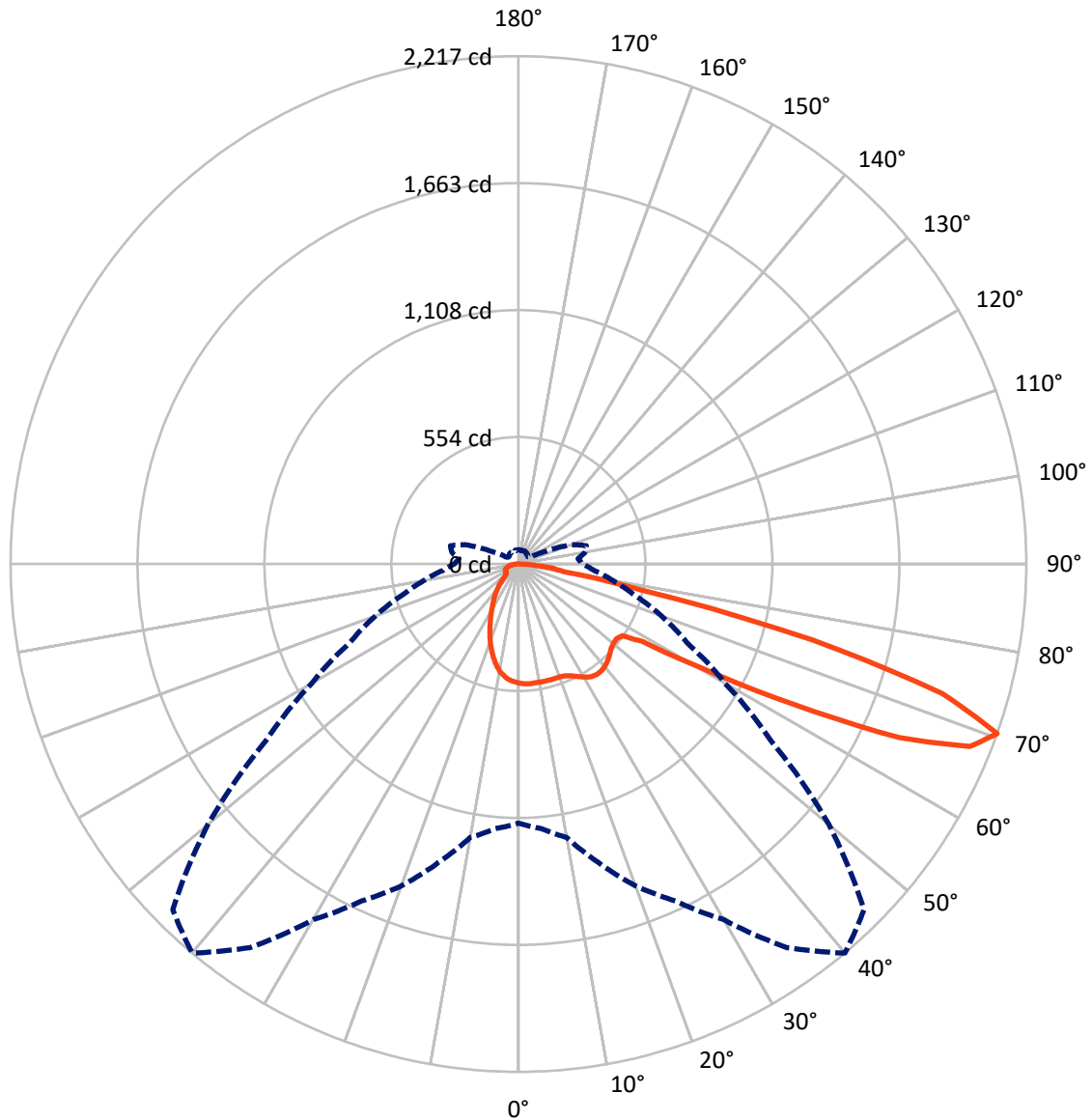
✕ Max cd  
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 5.2 fc  
 Type IV - Short - Full Cutoff

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### Luminous Intensity Polar Plot



— Vertical Plane Through 40-Deg Lateral      - - - Horizontal Cone Through 70-Deg Vertical

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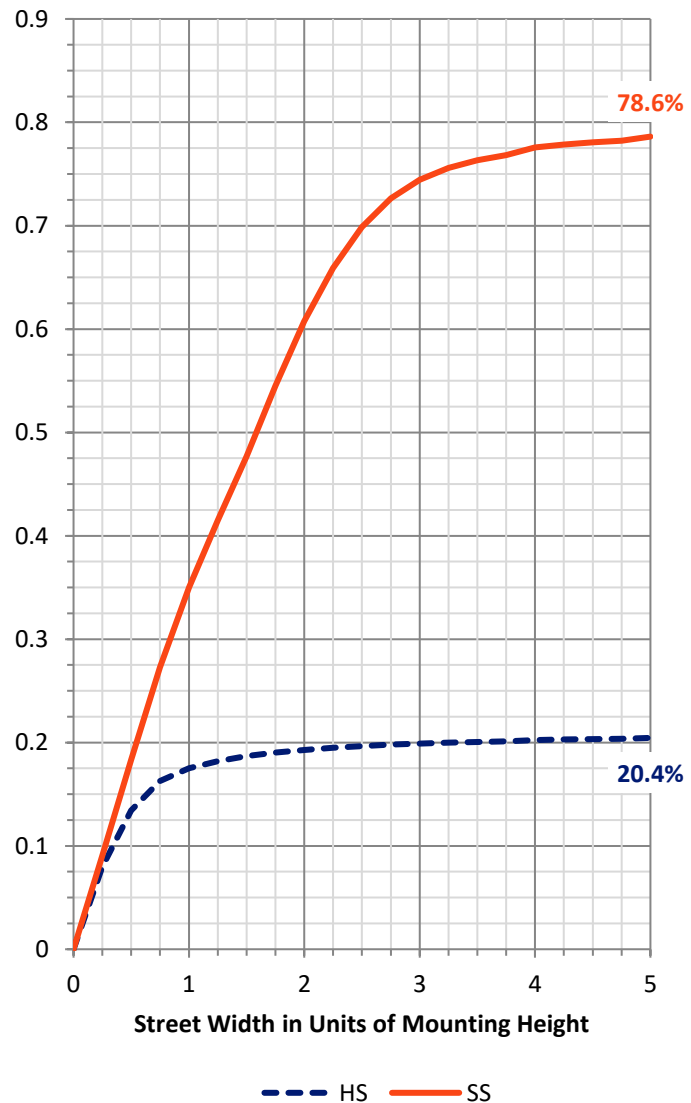
**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total  |
|--------------------|-----------|----------|--------|--------|
| <b>House Side</b>  | Lumens    | 506.2    | 0.0    | 506.2  |
|                    | % Fixture | 20.8     | 0.0    | 20.8   |
| <b>Street Side</b> | Lumens    | 1932.5   | 0.0    | 1932.5 |
|                    | % Fixture | 79.2     | 0.0    | 79.2   |
| <b>Total</b>       | Lumens    | 2438.7   | 0.0    | 2438.7 |
|                    | % Fixture | 100.0    | 0.0    | 100.0  |

**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 48.6   | 2.0       |
| 10°-20°   | 133.1  | 5.5       |
| 20°-30°   | 197.0  | 8.1       |
| 30°-40°   | 249.0  | 10.2      |
| 40°-50°   | 281.6  | 11.5      |
| 50°-60°   | 400.7  | 16.4      |
| 60°-70°   | 746.2  | 30.6      |
| 70°-80°   | 342.0  | 14.0      |
| 80°-90°   | 40.6   | 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°    | 2438.7 | 100.0     |
| 0°-180°   | 2438.7 | 100.0     |

**Coefficient of Utilization**



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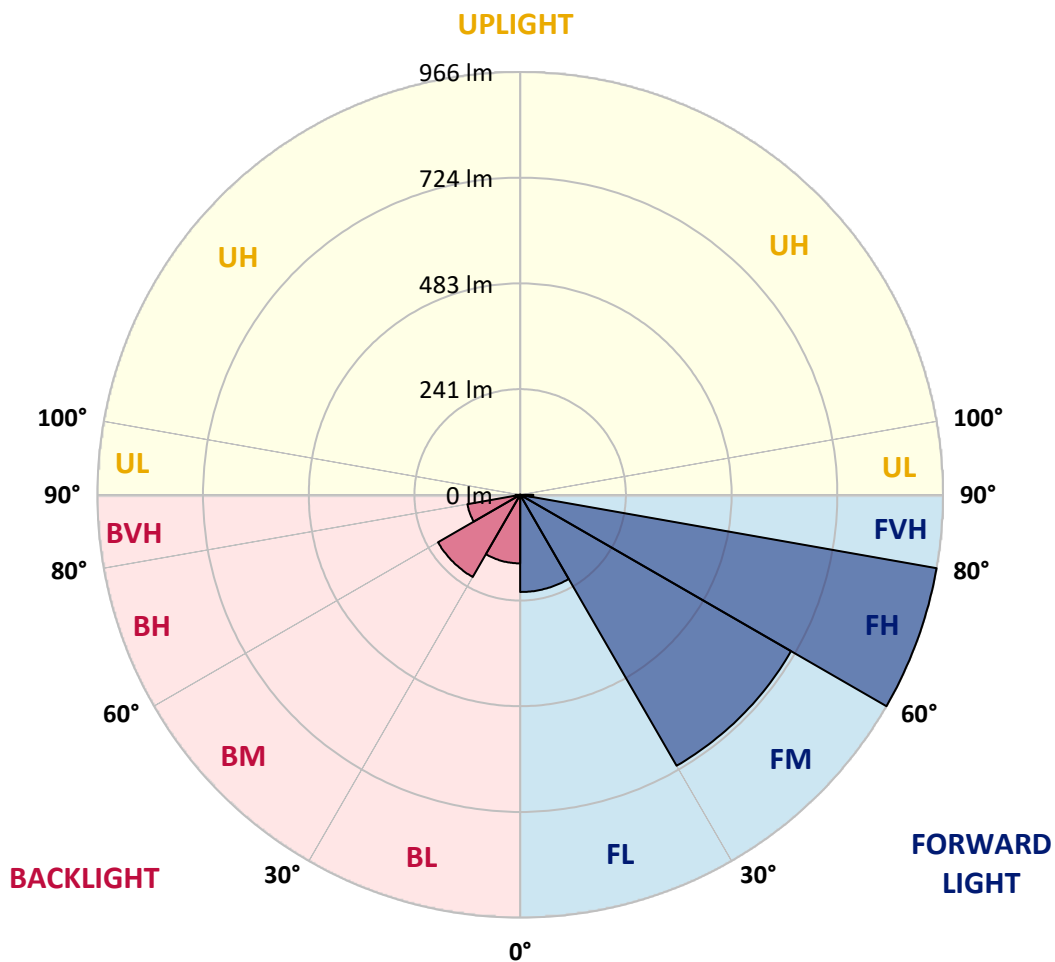
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

| Zone           | Lumens | % Fixture | Zone Rating/Lumen Limit |      |         |
|----------------|--------|-----------|-------------------------|------|---------|
|                |        |           | B                       | U    | G       |
| FL (0°-30°)    | 222.1  | 9.1       |                         |      |         |
| FM (30°-60°)   | 714.5  | 29.3      |                         |      |         |
| FH (60°-80°)   | 965.8  | 39.6      |                         |      | G1/1800 |
| FVH (80°-90°)  | 30.1   | 1.2       |                         |      | G1/100  |
| BL (0°-30°)    | 156.6  | 6.4       | B1/500                  |      |         |
| BM (30°-60°)   | 216.7  | 8.9       | B0/220                  |      |         |
| BH (60°-80°)   | 122.4  | 5.0       | B1/500                  |      | G1/500  |
| BVH (80°-90°)  | 10.5   | 0.4       |                         |      | 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°    | 520.3  | 520.3  | 520.3  | 520.3  | 520.3  | 520.3  | 520.3  | 520.3  | 520.3  | 520.3  | 520.3  |
| 2.5°  | 528.3  | 529.7  | 528.1  | 527.8  | 527.8  | 527.5  | 525.9  | 525.6  | 523.4  | 523.6  | 524.2  |
| 5°    | 532.2  | 532.7  | 531.6  | 531.4  | 530.8  | 529.7  | 528.3  | 526.7  | 525.1  | 523.4  | 522.0  |
| 7.5°  | 536.1  | 535.4  | 534.7  | 534.7  | 533.9  | 532.2  | 529.4  | 527.3  | 523.6  | 521.8  | 519.3  |
| 10°   | 541.6  | 540.7  | 539.6  | 539.1  | 537.7  | 535.2  | 531.4  | 528.3  | 523.9  | 520.1  | 516.0  |
| 12.5° | 546.7  | 546.5  | 544.9  | 544.0  | 541.9  | 539.4  | 534.7  | 529.9  | 524.2  | 518.1  | 512.6  |
| 15°   | 556.2  | 555.0  | 553.4  | 551.7  | 548.2  | 544.9  | 537.7  | 532.2  | 523.9  | 516.0  | 507.5  |
| 17.5° | 572.3  | 570.5  | 568.8  | 565.2  | 560.8  | 555.0  | 544.6  | 535.2  | 523.9  | 512.3  | 502.7  |
| 20°   | 602.1  | 597.9  | 595.8  | 591.1  | 583.4  | 573.0  | 556.7  | 541.6  | 524.8  | 509.9  | 497.0  |
| 22.5° | 635.6  | 633.0  | 629.8  | 626.8  | 614.7  | 599.6  | 577.6  | 555.0  | 529.7  | 508.8  | 492.3  |
| 25°   | 673.4  | 669.7  | 668.1  | 662.9  | 651.6  | 634.3  | 604.2  | 573.0  | 541.0  | 513.2  | 492.3  |
| 27.5° | 706.9  | 705.8  | 705.6  | 699.5  | 688.8  | 668.4  | 633.0  | 595.2  | 556.4  | 522.3  | 496.4  |
| 30°   | 737.5  | 736.4  | 735.9  | 732.5  | 720.1  | 696.0  | 657.4  | 615.0  | 573.2  | 534.9  | 504.1  |
| 32.5° | 769.9  | 766.3  | 764.7  | 758.3  | 744.4  | 716.0  | 672.0  | 628.0  | 586.4  | 547.4  | 512.6  |
| 35°   | 796.4  | 793.4  | 790.1  | 780.9  | 761.1  | 727.6  | 678.3  | 632.3  | 591.6  | 554.2  | 517.1  |
| 37.5° | 815.6  | 812.6  | 807.9  | 796.4  | 771.9  | 731.4  | 678.0  | 631.0  | 589.7  | 553.1  | 517.9  |
| 40°   | 824.1  | 821.1  | 816.2  | 801.6  | 773.8  | 729.2  | 672.8  | 624.7  | 583.9  | 547.4  | 514.6  |
| 42.5° | 820.8  | 818.7  | 812.3  | 798.2  | 767.8  | 719.3  | 662.4  | 612.8  | 573.0  | 537.9  | 507.2  |
| 45°   | 808.2  | 806.5  | 800.5  | 785.6  | 754.0  | 703.3  | 646.9  | 597.9  | 559.7  | 526.4  | 497.2  |
| 47.5° | 789.2  | 788.6  | 782.6  | 768.0  | 736.7  | 687.4  | 631.0  | 583.4  | 546.5  | 515.1  | 489.0  |
| 50°   | 768.3  | 765.5  | 762.5  | 749.0  | 720.4  | 673.7  | 619.4  | 574.3  | 539.1  | 511.0  | 485.4  |
| 52.5° | 755.1  | 754.3  | 751.5  | 739.4  | 711.9  | 665.7  | 614.2  | 571.0  | 538.5  | 510.2  | 483.5  |
| 55°   | 872.3  | 874.2  | 848.9  | 796.4  | 750.2  | 687.7  | 629.8  | 587.8  | 552.0  | 523.4  | 503.8  |
| 57.5° | 1290.3 | 1281.8 | 1238.2 | 1134.0 | 1016.3 | 860.7  | 748.7  | 680.8  | 636.5  | 641.5  | 651.3  |
| 60°   | 1503.3 | 1501.7 | 1493.7 | 1453.2 | 1374.8 | 1256.5 | 1125.2 | 974.7  | 926.8  | 932.0  | 935.9  |
| 62.5° | 1598.4 | 1600.9 | 1607.0 | 1591.9 | 1571.3 | 1536.9 | 1471.4 | 1410.8 | 1346.7 | 1322.8 | 1258.7 |
| 65°   | 1642.5 | 1646.9 | 1660.7 | 1669.2 | 1677.2 | 1683.2 | 1709.1 | 1780.1 | 1826.8 | 1739.4 | 1535.8 |
| 67.5° | 1551.4 | 1572.6 | 1618.0 | 1662.4 | 1702.0 | 1758.3 | 1845.9 | 2010.7 | 2125.5 | 2017.8 | 1722.6 |
| 70°   | 1131.0 | 1159.9 | 1211.9 | 1348.9 | 1495.3 | 1623.2 | 1792.7 | 2043.7 | 2216.8 | 2133.7 | 1768.8 |
| 72.5° | 709.1  | 717.1  | 740.2  | 790.6  | 899.3  | 1063.5 | 1359.9 | 1736.4 | 1936.2 | 1869.8 | 1495.0 |
| 75°   | 449.9  | 452.6  | 451.8  | 463.4  | 481.9  | 517.6  | 634.8  | 1025.6 | 1326.3 | 1222.9 | 833.3  |
| 77.5° | 268.0  | 272.1  | 273.8  | 277.4  | 286.2  | 298.9  | 308.5  | 348.9  | 556.2  | 539.9  | 302.4  |
| 80°   | 224.6  | 227.9  | 225.1  | 224.2  | 218.8  | 214.9  | 219.6  | 214.9  | 199.5  | 192.0  | 176.9  |
| 82.5° | 118.9  | 118.5  | 117.8  | 125.8  | 142.0  | 154.6  | 164.2  | 162.1  | 146.6  | 125.0  | 105.9  |
| 85°   | 65.2   | 67.5   | 67.5   | 70.2   | 67.7   | 68.0   | 70.2   | 74.0   | 68.5   | 57.2   | 46.7   |
| 87.5° | 5.5    | 8.5    | 6.8    | 8.5    | 11.6   | 8.3    | 8.0    | 8.0    | 6.8    | 5.0    | 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):**

|       | 55°    | 60°    | 65°    | 70°    | 75°   | 80°   | 85°   | 90°   | 95°   | 100°  | 105°  |
|-------|--------|--------|--------|--------|-------|-------|-------|-------|-------|-------|-------|
| 0°    | 520.3  | 520.3  | 520.3  | 520.3  | 520.3 | 520.3 | 520.3 | 520.3 | 520.3 | 520.3 | 520.3 |
| 2.5°  | 522.8  | 522.3  | 521.1  | 520.3  | 520.3 | 519.0 | 518.1 | 517.6 | 517.3 | 516.3 | 516.3 |
| 5°    | 521.1  | 519.3  | 517.3  | 516.0  | 515.1 | 513.8 | 511.5 | 510.5 | 509.1 | 508.0 | 507.5 |
| 7.5°  | 517.6  | 514.0  | 511.0  | 508.8  | 506.0 | 503.8 | 501.1 | 498.7 | 496.2 | 495.0 | 494.5 |
| 10°   | 512.1  | 507.5  | 502.7  | 498.7  | 494.7 | 490.9 | 487.4 | 483.7 | 480.7 | 478.5 | 476.4 |
| 12.5° | 506.8  | 499.7  | 493.7  | 487.6  | 481.6 | 476.9 | 471.9 | 466.7 | 462.3 | 458.1 | 457.1 |
| 15°   | 499.7  | 491.5  | 483.7  | 476.4  | 468.9 | 461.2 | 455.1 | 449.3 | 442.2 | 437.5 | 434.0 |
| 17.5° | 493.2  | 483.2  | 473.9  | 465.1  | 456.0 | 448.0 | 438.9 | 431.2 | 424.0 | 416.9 | 411.7 |
| 20°   | 486.0  | 475.2  | 465.3  | 455.4  | 445.5 | 435.3 | 424.9 | 414.9 | 406.1 | 397.6 | 389.1 |
| 22.5° | 479.6  | 468.6  | 459.0  | 448.3  | 437.2 | 425.7 | 413.6 | 401.2 | 391.0 | 380.0 | 370.2 |
| 25°   | 475.8  | 463.6  | 453.8  | 443.3  | 431.2 | 418.5 | 404.8 | 390.2 | 377.8 | 365.2 | 353.4 |
| 27.5° | 475.8  | 460.1  | 449.9  | 439.5  | 427.0 | 413.6 | 398.4 | 382.5 | 368.5 | 354.4 | 339.8 |
| 30°   | 479.9  | 460.6  | 446.8  | 435.9  | 423.2 | 408.6 | 391.8 | 375.0 | 359.7 | 343.1 | 329.1 |
| 32.5° | 483.7  | 461.8  | 444.7  | 430.7  | 416.1 | 401.8 | 384.7 | 366.8 | 349.7 | 334.1 | 319.2 |
| 35°   | 486.2  | 461.8  | 440.5  | 422.7  | 406.1 | 392.1 | 375.3 | 357.4 | 340.1 | 324.7 | 311.0 |
| 37.5° | 486.5  | 459.6  | 434.0  | 413.6  | 396.3 | 381.7 | 365.7 | 348.9 | 332.4 | 318.1 | 306.5 |
| 40°   | 483.7  | 455.1  | 427.4  | 403.9  | 385.8 | 371.0 | 356.4 | 341.2 | 326.3 | 314.5 | 304.7 |
| 42.5° | 478.8  | 450.5  | 421.0  | 396.3  | 377.3 | 361.9 | 348.4 | 335.4 | 322.5 | 312.3 | 304.0 |
| 45°   | 471.4  | 444.1  | 415.2  | 391.6  | 372.8 | 356.6 | 343.4 | 332.6 | 321.7 | 313.2 | 304.9 |
| 47.5° | 464.8  | 442.0  | 417.2  | 394.6  | 375.0 | 358.2 | 344.8 | 335.8 | 327.2 | 321.5 | 310.2 |
| 50°   | 463.4  | 440.8  | 418.0  | 397.1  | 377.3 | 360.2 | 348.4 | 343.7 | 341.2 | 337.6 | 320.3 |
| 52.5° | 459.6  | 440.5  | 424.0  | 412.5  | 399.8 | 391.8 | 379.5 | 383.8 | 381.1 | 368.5 | 337.1 |
| 55°   | 500.0  | 505.5  | 520.9  | 542.9  | 563.3 | 568.0 | 566.6 | 561.3 | 533.6 | 459.0 | 377.5 |
| 57.5° | 687.4  | 718.4  | 747.7  | 760.6  | 759.0 | 744.4 | 733.9 | 712.7 | 672.5 | 581.8 | 457.3 |
| 60°   | 947.7  | 952.6  | 937.2  | 914.4  | 875.9 | 843.7 | 809.3 | 769.6 | 711.3 | 622.5 | 506.3 |
| 62.5° | 1187.4 | 1120.8 | 1052.2 | 987.9  | 929.2 | 878.1 | 830.2 | 774.9 | 699.0 | 606.2 | 500.0 |
| 65°   | 1356.6 | 1215.8 | 1107.6 | 1015.1 | 932.3 | 860.7 | 801.0 | 729.2 | 643.6 | 560.0 | 463.4 |
| 67.5° | 1443.8 | 1227.9 | 1061.9 | 933.2  | 815.6 | 716.6 | 637.0 | 567.2 | 503.5 | 466.9 | 405.6 |
| 70°   | 1346.4 | 1042.1 | 811.0  | 665.4  | 524.8 | 420.7 | 332.4 | 279.1 | 260.6 | 295.2 | 307.0 |
| 72.5° | 1003.3 | 678.3  | 482.4  | 373.2  | 285.9 | 227.9 | 174.7 | 137.3 | 111.7 | 117.2 | 152.1 |
| 75°   | 474.4  | 292.7  | 206.9  | 157.4  | 125.2 | 103.7 | 84.8  | 77.6  | 65.0  | 53.9  | 50.7  |
| 77.5° | 184.7  | 134.6  | 111.2  | 81.5   | 57.8  | 46.5  | 39.6  | 38.2  | 39.1  | 37.9  | 37.4  |
| 80°   | 140.6  | 95.2   | 59.7   | 43.7   | 37.7  | 33.3  | 29.4  | 28.4  | 28.9  | 30.3  | 31.6  |
| 82.5° | 78.4   | 49.0   | 36.4   | 31.6   | 28.4  | 24.2  | 22.0  | 20.4  | 20.6  | 22.3  | 25.3  |
| 85°   | 30.3   | 23.6   | 21.8   | 20.9   | 19.6  | 15.6  | 13.5  | 13.8  | 15.6  | 18.8  | 18.8  |
| 87.5° | 3.3    | 3.3    | 4.4    | 3.3    | 3.3   | 3.3   | 3.0   | 3.6   | 3.8   | 5.0   | 5.8   |
| 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):**

|       | 110°  | 115°  | 120°  | 125°  | 130°  | 135°  | 140°  | 145°  | 150°  | 155°  | 160°  |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°    | 520.3 | 520.3 | 520.3 | 520.3 | 520.3 | 520.3 | 520.3 | 520.3 | 520.3 | 520.3 | 520.3 |
| 2.5°  | 515.6 | 515.6 | 515.6 | 515.1 | 515.4 | 514.3 | 514.3 | 513.5 | 514.8 | 514.0 | 513.8 |
| 5°    | 507.7 | 507.5 | 506.3 | 506.3 | 506.3 | 506.3 | 507.2 | 505.0 | 506.6 | 506.6 | 505.8 |
| 7.5°  | 494.2 | 494.2 | 491.2 | 492.8 | 492.3 | 493.2 | 494.2 | 493.2 | 494.7 | 495.9 | 495.0 |
| 10°   | 475.5 | 475.5 | 473.1 | 474.9 | 474.1 | 476.1 | 477.9 | 476.9 | 477.9 | 479.6 | 480.2 |
| 12.5° | 454.8 | 453.8 | 451.6 | 452.4 | 452.4 | 453.5 | 454.3 | 455.6 | 457.1 | 459.3 | 460.4 |
| 15°   | 430.9 | 429.2 | 426.5 | 426.5 | 424.9 | 425.4 | 427.0 | 427.7 | 430.4 | 433.4 | 437.0 |
| 17.5° | 406.4 | 402.3 | 399.3 | 395.8 | 393.0 | 395.1 | 397.1 | 398.4 | 400.6 | 405.3 | 407.8 |
| 20°   | 383.3 | 375.0 | 369.3 | 364.6 | 361.6 | 363.0 | 365.4 | 367.0 | 369.0 | 370.2 | 371.0 |
| 22.5° | 360.5 | 351.1 | 343.1 | 337.4 | 332.4 | 333.8 | 332.6 | 331.8 | 333.3 | 329.6 | 329.4 |
| 25°   | 340.6 | 329.6 | 319.0 | 312.0 | 306.0 | 304.0 | 298.2 | 296.9 | 293.1 | 290.1 | 287.9 |
| 27.5° | 326.3 | 312.0 | 300.2 | 292.2 | 282.6 | 275.4 | 268.0 | 260.6 | 256.5 | 251.5 | 249.0 |
| 30°   | 315.0 | 299.9 | 285.9 | 272.4 | 259.8 | 248.8 | 238.9 | 229.2 | 222.6 | 215.4 | 210.8 |
| 32.5° | 304.7 | 290.6 | 273.6 | 255.1 | 238.0 | 225.6 | 212.7 | 201.7 | 191.3 | 181.9 | 175.0 |
| 35°   | 297.5 | 281.8 | 260.0 | 237.5 | 218.2 | 203.6 | 189.8 | 174.2 | 161.6 | 149.4 | 142.0 |
| 37.5° | 293.6 | 274.3 | 247.7 | 222.6 | 201.1 | 184.7 | 167.6 | 149.4 | 134.0 | 122.7 | 111.4 |
| 40°   | 290.6 | 266.9 | 236.7 | 209.4 | 186.8 | 167.0 | 147.3 | 125.8 | 108.7 | 96.9  | 88.1  |
| 42.5° | 287.3 | 258.7 | 227.0 | 199.0 | 173.9 | 150.8 | 126.8 | 104.0 | 87.8  | 79.5  | 75.6  |
| 45°   | 283.7 | 251.5 | 217.9 | 189.0 | 161.2 | 133.2 | 105.7 | 84.5  | 74.8  | 72.1  | 72.1  |
| 47.5° | 282.9 | 246.8 | 211.3 | 179.4 | 146.9 | 112.8 | 86.1  | 73.0  | 70.2  | 70.7  | 71.8  |
| 50°   | 286.2 | 245.5 | 205.6 | 168.1 | 128.0 | 91.4  | 73.0  | 68.5  | 69.1  | 70.7  | 72.3  |
| 52.5° | 294.2 | 246.5 | 199.5 | 152.4 | 105.4 | 75.4  | 67.5  | 67.2  | 68.8  | 71.3  | 73.0  |
| 55°   | 307.7 | 246.5 | 188.0 | 129.0 | 84.2  | 67.7  | 65.5  | 66.6  | 68.8  | 71.0  | 72.3  |
| 57.5° | 336.6 | 244.0 | 167.6 | 103.2 | 70.5  | 65.0  | 65.0  | 66.3  | 68.3  | 70.5  | 71.5  |
| 60°   | 371.0 | 240.8 | 139.0 | 79.8  | 63.5  | 62.7  | 64.7  | 66.3  | 68.0  | 69.8  | 71.0  |
| 62.5° | 373.2 | 232.2 | 110.1 | 66.0  | 60.0  | 61.3  | 64.4  | 66.6  | 67.2  | 68.5  | 69.8  |
| 65°   | 342.9 | 202.5 | 87.5  | 59.2  | 58.3  | 60.5  | 63.5  | 65.2  | 65.5  | 66.0  | 67.5  |
| 67.5° | 300.2 | 165.1 | 70.7  | 55.9  | 56.7  | 59.2  | 60.8  | 62.2  | 63.0  | 64.4  | 64.7  |
| 70°   | 246.5 | 132.6 | 60.5  | 52.5  | 53.4  | 56.2  | 57.5  | 58.9  | 60.5  | 62.2  | 61.3  |
| 72.5° | 174.7 | 103.2 | 53.1  | 49.0  | 50.1  | 52.5  | 54.2  | 55.3  | 56.7  | 58.3  | 57.2  |
| 75°   | 74.3  | 72.1  | 45.9  | 44.4  | 45.9  | 47.6  | 49.2  | 50.9  | 52.3  | 53.1  | 53.1  |
| 77.5° | 37.9  | 42.4  | 39.6  | 39.6  | 40.7  | 42.4  | 43.7  | 45.4  | 46.2  | 47.0  | 48.2  |
| 80°   | 32.2  | 32.7  | 33.3  | 34.4  | 35.5  | 37.1  | 38.5  | 39.9  | 40.2  | 40.4  | 41.0  |
| 82.5° | 26.7  | 27.8  | 28.4  | 29.9  | 30.8  | 31.4  | 32.2  | 32.2  | 32.7  | 32.7  | 31.9  |
| 85°   | 19.3  | 20.6  | 21.5  | 21.8  | 21.5  | 21.8  | 22.0  | 22.6  | 23.9  | 23.9  | 22.8  |
| 87.5° | 5.5   | 5.2   | 6.6   | 6.8   | 7.5   | 8.5   | 9.6   | 11.6  | 12.1  | 12.6  | 12.6  |
| 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: P152595

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**CANDELA DISTRIBUTION (continued):**

|       | 165°  | 170°  | 175°  | 180°  |
|-------|-------|-------|-------|-------|
| 0°    | 520.3 | 520.3 | 520.3 | 520.3 |
| 2.5°  | 513.5 | 514.0 | 513.0 | 513.2 |
| 5°    | 505.8 | 506.8 | 505.5 | 507.2 |
| 7.5°  | 495.9 | 497.5 | 497.2 | 497.0 |
| 10°   | 481.6 | 483.7 | 483.7 | 484.6 |
| 12.5° | 463.4 | 464.8 | 465.9 | 466.4 |
| 15°   | 438.9 | 441.3 | 442.8 | 442.8 |
| 17.5° | 409.4 | 411.1 | 411.9 | 410.9 |
| 20°   | 372.0 | 371.5 | 371.7 | 369.0 |
| 22.5° | 328.8 | 329.6 | 327.2 | 327.8 |
| 25°   | 286.4 | 285.1 | 286.2 | 284.6 |
| 27.5° | 245.5 | 245.7 | 242.7 | 244.0 |
| 30°   | 206.4 | 205.0 | 201.1 | 203.1 |
| 32.5° | 168.7 | 165.1 | 160.9 | 158.5 |
| 35°   | 133.2 | 127.7 | 125.8 | 125.0 |
| 37.5° | 104.6 | 98.5  | 96.6  | 94.4  |
| 40°   | 83.1  | 80.9  | 80.1  | 80.6  |
| 42.5° | 74.6  | 74.6  | 75.1  | 75.4  |
| 45°   | 72.3  | 73.2  | 74.0  | 74.3  |
| 47.5° | 72.6  | 73.5  | 74.6  | 74.8  |
| 50°   | 73.2  | 74.0  | 74.8  | 75.1  |
| 52.5° | 73.5  | 73.5  | 74.0  | 74.3  |
| 55°   | 73.0  | 72.6  | 73.0  | 73.2  |
| 57.5° | 71.8  | 71.3  | 71.5  | 72.3  |
| 60°   | 71.3  | 70.5  | 71.0  | 71.5  |
| 62.5° | 69.8  | 69.6  | 70.2  | 70.5  |
| 65°   | 66.8  | 67.2  | 68.0  | 68.0  |
| 67.5° | 64.1  | 64.4  | 64.7  | 65.0  |
| 70°   | 60.8  | 61.1  | 61.7  | 61.9  |
| 72.5° | 57.0  | 58.0  | 58.9  | 60.0  |
| 75°   | 53.9  | 55.0  | 56.7  | 57.8  |
| 77.5° | 48.7  | 49.5  | 51.5  | 52.8  |
| 80°   | 41.2  | 41.0  | 41.2  | 42.1  |
| 82.5° | 31.6  | 31.6  | 31.4  | 31.1  |
| 85°   | 22.3  | 22.0  | 21.1  | 21.1  |
| 87.5° | 12.1  | 11.8  | 11.6  | 11.0  |
| 90°   | 0.0   | 0.0   | 0.0   | 0.0   |

(END OF REPORT)