

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: P152026

Luminaire Tested: **AVS-F01-LED-E-U-SL4-HSS-7050**

Issue Date: 3/3/2020

### Test Information

Test Method: LM-79-08  
Report Number: P152026  
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-F01-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: (7) 5000K CCT, 70 CRI LEDs  
Ballast/Driver: -

### Summary

Lumens per Lamp: N/A  
Luminaire Lumens: 1723.7 lumens  
Efficiency: N/A  
Efficacy: 66.6 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): 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

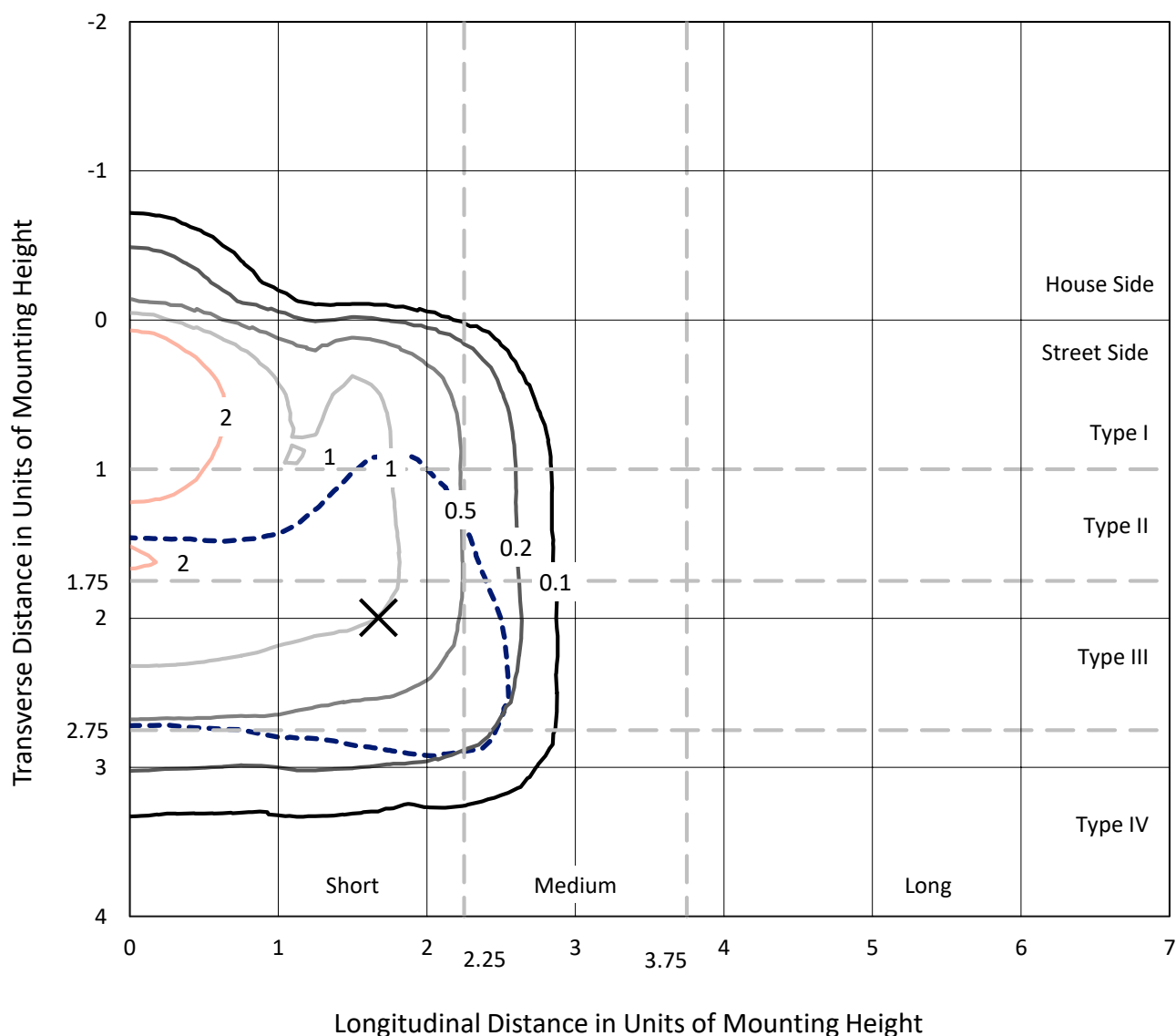


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## Iso-Footcandle Lines of Horizontal Illumination

× Max cd  
 --- 1/2 Max cd

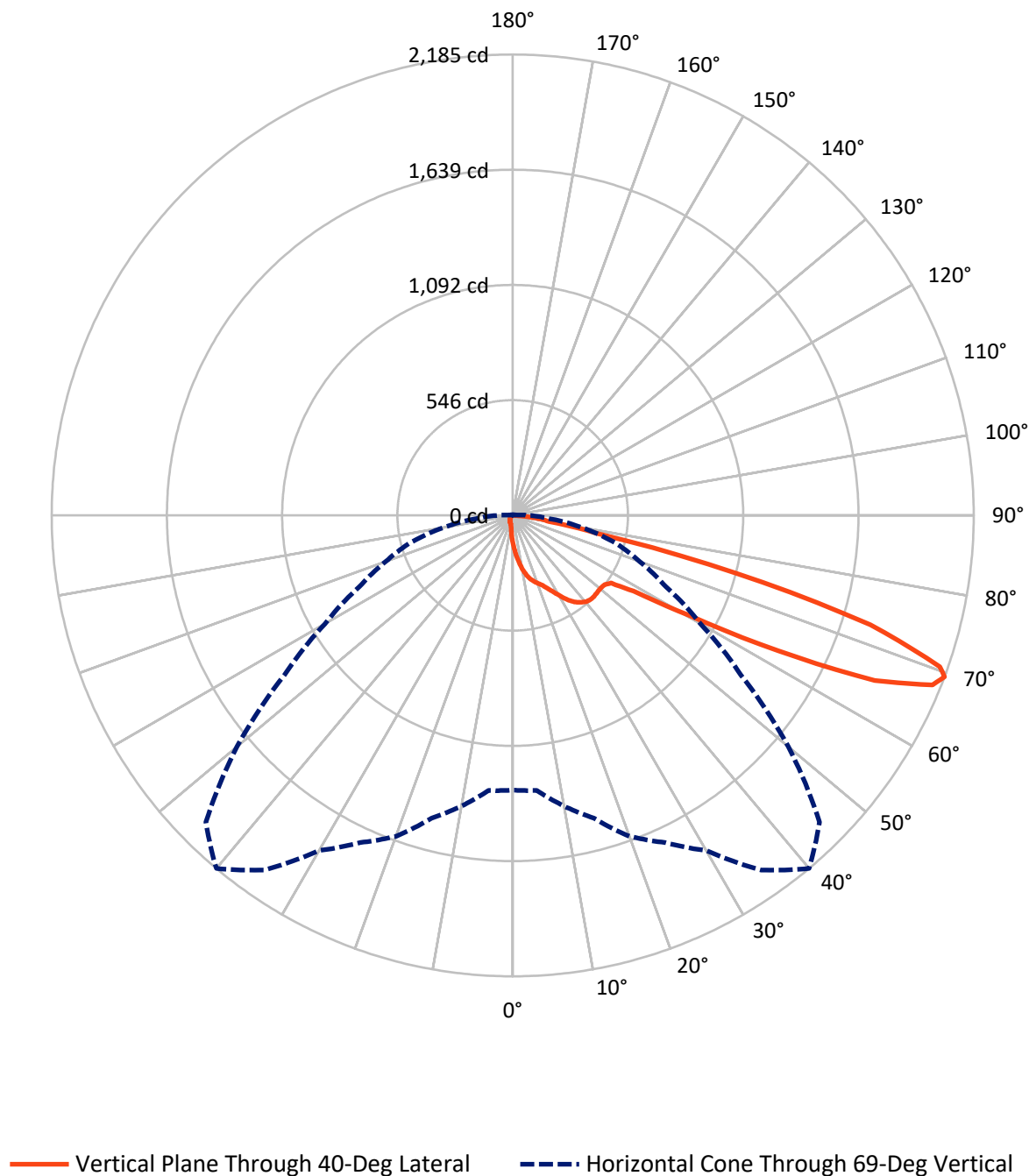


Based on 10 foot mounting height. Maximum calculated value = 3.9 fc  
 Type IV - Short - Semi-Cutoff

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## Luminous Intensity Polar Plot



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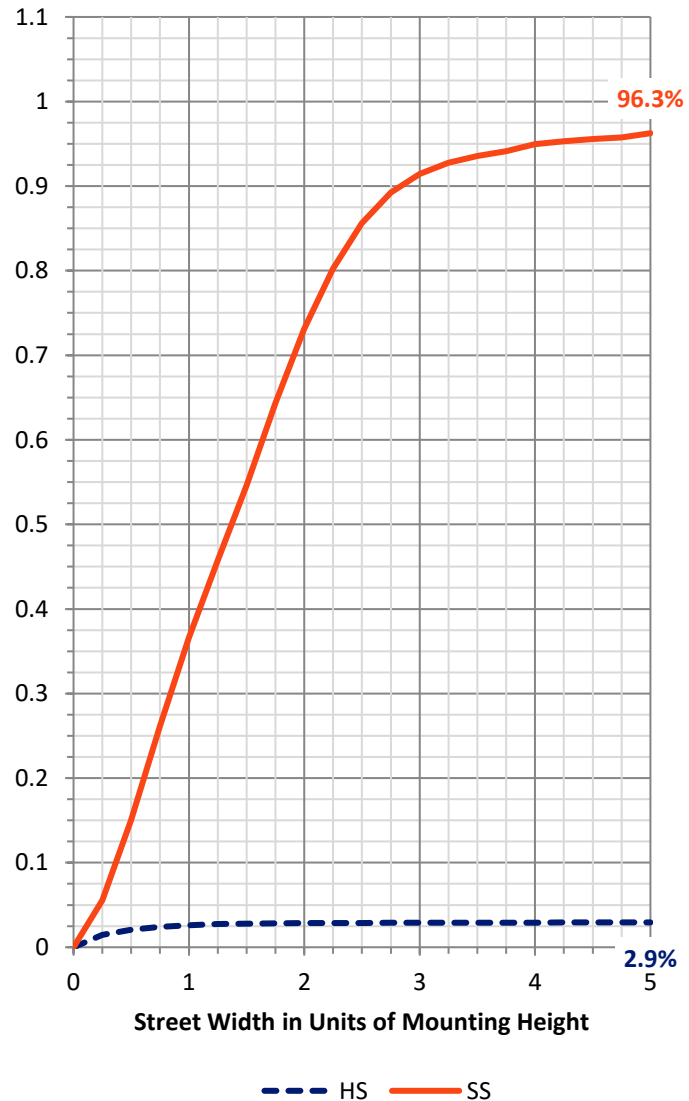
**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total  |
|--------------------|-----------|----------|--------|--------|
| <b>House Side</b>  | Lumens    | 51.3     | 0.0    | 51.3   |
|                    | % Fixture | 3.0      | 0.0    | 3.0    |
| <b>Street Side</b> | Lumens    | 1672.3   | 0.0    | 1672.3 |
|                    | % Fixture | 97.0     | 0.0    | 97.0   |
| <b>Total</b>       | Lumens    | 1723.7   | 0.0    | 1723.7 |
|                    | % Fixture | 100.0    | 0.0    | 100.0  |

**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 13.4   | 0.8       |
| 10°-20°   | 46.1   | 2.7       |
| 20°-30°   | 88.3   | 5.1       |
| 30°-40°   | 146.8  | 8.5       |
| 40°-50°   | 198.7  | 11.5      |
| 50°-60°   | 310.7  | 18.0      |
| 60°-70°   | 638.8  | 37.1      |
| 70°-80°   | 257.1  | 14.9      |
| 80°-90°   | 23.8   | 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°    | 1723.7 | 100.0     |
| 0°-180°   | 1723.7 | 100.0     |

**Coefficient of Utilization**



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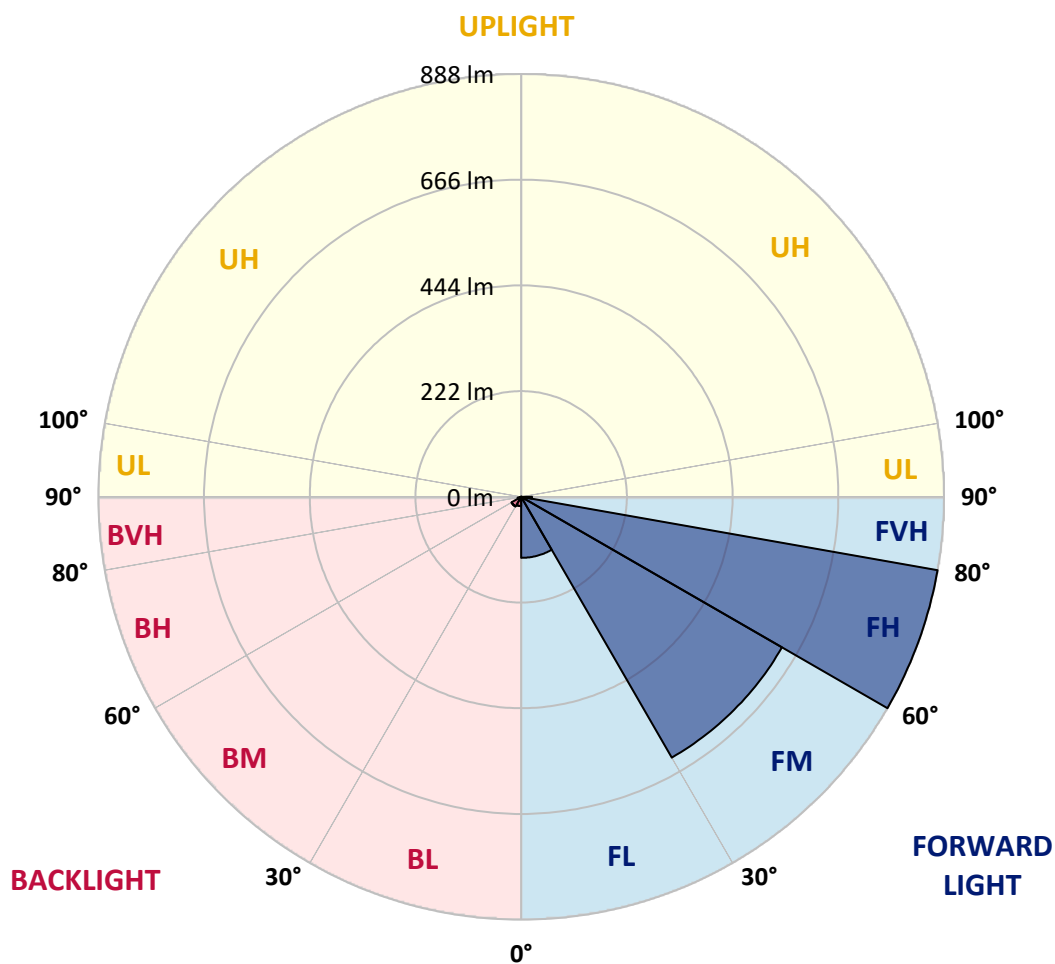
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

| Zone |             | Lumens | % Fixture | Zone Rating/Lumen Limit |      |         |
|------|-------------|--------|-----------|-------------------------|------|---------|
|      |             |        |           | B                       | U    | G       |
| FL   | (0°-30°)    | 128.3  | 7.4       |                         |      |         |
| FM   | (30°-60°)   | 632.8  | 36.7      |                         |      |         |
| FH   | (60°-80°)   | 888.4  | 51.5      |                         |      | G1/1800 |
| FVH  | (80°-90°)   | 22.9   | 1.3       |                         |      | G1/100  |
| BL   | (0°-30°)    | 19.5   | 1.1       | B0/110                  |      |         |
| BM   | (30°-60°)   | 23.4   | 1.4       | B0/220                  |      |         |
| BH   | (60°-80°)   | 7.5    | 0.4       | B0/110                  |      | G0/110  |
| BVH  | (80°-90°)   | 0.9    | 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°    | 130.2  | 130.2  | 130.2  | 130.2  | 130.2  | 130.2  | 130.2  | 130.2  | 130.2  | 130.2  | 130.2  |
| 2.5°  | 173.7  | 171.7  | 169.4  | 169.4  | 166.6  | 166.6  | 164.9  | 160.4  | 159.8  | 157.3  | 154.7  |
| 5°    | 221.7  | 220.0  | 217.1  | 214.6  | 212.3  | 208.4  | 205.6  | 200.2  | 194.3  | 188.6  | 183.5  |
| 7.5°  | 268.5  | 267.7  | 262.6  | 261.8  | 258.0  | 251.6  | 245.9  | 238.0  | 227.9  | 220.0  | 210.7  |
| 10°   | 312.0  | 310.1  | 308.9  | 304.1  | 298.8  | 291.7  | 282.9  | 273.4  | 261.5  | 249.0  | 235.8  |
| 12.5° | 346.4  | 345.3  | 340.2  | 338.2  | 332.6  | 325.6  | 314.5  | 302.1  | 290.3  | 274.2  | 258.7  |
| 15°   | 372.1  | 370.2  | 366.7  | 363.6  | 356.9  | 350.7  | 340.5  | 326.9  | 312.5  | 295.0  | 276.5  |
| 17.5° | 393.6  | 389.9  | 389.1  | 384.2  | 377.2  | 369.8  | 358.5  | 346.2  | 329.2  | 311.7  | 291.4  |
| 20°   | 422.4  | 417.3  | 415.6  | 408.6  | 400.4  | 390.3  | 377.2  | 361.7  | 343.9  | 324.7  | 303.8  |
| 22.5° | 456.3  | 452.6  | 448.9  | 442.7  | 432.3  | 417.9  | 399.0  | 382.1  | 359.5  | 338.2  | 315.6  |
| 25°   | 504.2  | 501.1  | 495.2  | 486.7  | 473.8  | 456.6  | 433.7  | 408.8  | 382.3  | 355.2  | 328.7  |
| 27.5° | 550.9  | 548.1  | 543.8  | 537.3  | 522.7  | 503.7  | 475.4  | 443.8  | 410.3  | 377.5  | 348.2  |
| 30°   | 594.6  | 592.1  | 587.9  | 581.3  | 568.4  | 549.7  | 517.8  | 483.9  | 442.2  | 404.0  | 368.8  |
| 32.5° | 641.8  | 640.9  | 636.2  | 626.8  | 615.5  | 590.4  | 555.6  | 519.3  | 476.9  | 432.8  | 391.6  |
| 35°   | 695.1  | 688.7  | 684.1  | 674.8  | 655.6  | 628.8  | 588.2  | 548.3  | 503.7  | 458.5  | 412.5  |
| 37.5° | 740.3  | 734.1  | 728.5  | 716.6  | 693.2  | 659.1  | 613.0  | 569.2  | 523.2  | 477.2  | 430.4  |
| 40°   | 773.4  | 770.3  | 763.5  | 748.0  | 721.7  | 681.0  | 631.4  | 583.6  | 537.3  | 491.0  | 444.7  |
| 42.5° | 797.9  | 793.2  | 785.5  | 769.4  | 738.3  | 692.0  | 638.7  | 589.5  | 543.8  | 499.5  | 454.0  |
| 45°   | 806.9  | 803.0  | 796.0  | 778.4  | 744.9  | 695.1  | 638.4  | 587.9  | 544.1  | 502.1  | 460.2  |
| 47.5° | 801.7  | 797.6  | 791.5  | 775.0  | 742.1  | 691.5  | 633.4  | 583.1  | 541.2  | 502.9  | 465.9  |
| 50°   | 783.8  | 781.6  | 776.8  | 762.9  | 733.3  | 684.5  | 628.8  | 580.5  | 540.7  | 507.2  | 473.8  |
| 52.5° | 782.2  | 780.7  | 774.8  | 760.9  | 730.8  | 682.2  | 628.3  | 582.0  | 545.5  | 512.4  | 479.5  |
| 55°   | 955.8  | 935.8  | 890.9  | 852.7  | 790.1  | 715.5  | 656.8  | 604.8  | 565.8  | 533.7  | 510.5  |
| 57.5° | 1358.4 | 1328.5 | 1269.5 | 1196.9 | 1053.0 | 911.5  | 798.2  | 716.4  | 676.0  | 661.2  | 670.1  |
| 60°   | 1547.0 | 1541.7 | 1532.3 | 1497.9 | 1424.2 | 1302.5 | 1166.9 | 1020.4 | 961.8  | 956.6  | 974.4  |
| 62.5° | 1636.6 | 1633.2 | 1636.0 | 1631.7 | 1608.9 | 1573.3 | 1534.3 | 1471.1 | 1413.0 | 1375.3 | 1295.8 |
| 65°   | 1677.8 | 1680.0 | 1696.2 | 1708.8 | 1711.6 | 1720.9 | 1749.5 | 1828.3 | 1885.9 | 1789.0 | 1568.0 |
| 67.5° | 1573.1 | 1586.3 | 1623.3 | 1669.6 | 1723.8 | 1776.3 | 1861.0 | 2027.0 | 2145.4 | 2031.6 | 1717.6 |
| 69°   | 1302.3 | 1308.7 | 1399.1 | 1486.3 | 1618.8 | 1711.4 | 1834.2 | 2051.9 | 2184.9 | 2056.4 | 1705.7 |
| 70°   | 1025.3 | 1031.2 | 1128.0 | 1246.6 | 1470.6 | 1589.6 | 1750.4 | 2009.8 | 2147.9 | 2023.4 | 1644.8 |
| 72.5° | 462.5  | 454.0  | 488.2  | 551.7  | 795.1  | 984.4  | 1265.3 | 1628.4 | 1772.1 | 1621.0 | 1230.6 |
| 75°   | 323.0  | 319.4  | 323.0  | 323.3  | 361.1  | 465.9  | 587.9  | 882.7  | 1091.6 | 942.0  | 587.9  |
| 77.5° | 250.2  | 247.7  | 245.1  | 242.3  | 246.7  | 276.5  | 288.3  | 313.2  | 406.6  | 384.6  | 224.1  |
| 80°   | 197.9  | 195.6  | 201.9  | 199.9  | 199.9  | 203.3  | 201.0  | 191.7  | 174.2  | 161.6  | 144.6  |
| 82.5° | 92.0   | 92.6   | 92.6   | 100.5  | 121.1  | 141.5  | 148.0  | 138.7  | 123.1  | 104.8  | 84.5   |
| 85°   | 8.7    | 9.8    | 16.7   | 25.7   | 51.1   | 57.6   | 57.9   | 48.0   | 48.0   | 37.8   | 30.5   |
| 87.5° | 0.0    | 0.3    | 0.3    | 0.3    | 2.6    | 7.0    | 5.9    | 1.7    | 0.8    | 0.8    | 1.5    |
| 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):**

|       | 55°    | 60°    | 65°    | 70°   | 75°   | 80°   | 85°   | 90°   | 95°   | 100°  | 105°  |
|-------|--------|--------|--------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°    | 130.2  | 130.2  | 130.2  | 130.2 | 130.2 | 130.2 | 130.2 | 130.2 | 130.2 | 130.2 | 130.2 |
| 2.5°  | 150.3  | 149.3  | 146.0  | 142.6 | 139.5 | 136.1 | 133.0 | 129.8 | 126.5 | 123.9 | 120.8 |
| 5°    | 175.6  | 169.4  | 162.4  | 155.5 | 148.8 | 141.8 | 134.4 | 127.9 | 121.1 | 114.9 | 109.0 |
| 7.5°  | 201.3  | 189.2  | 179.6  | 167.5 | 156.5 | 145.4 | 135.2 | 124.8 | 115.2 | 106.2 | 97.7  |
| 10°   | 223.1  | 208.4  | 193.4  | 177.9 | 162.1 | 147.4 | 133.3 | 120.8 | 108.2 | 97.1  | 86.7  |
| 12.5° | 240.8  | 222.2  | 203.8  | 184.4 | 166.6 | 148.0 | 130.5 | 115.4 | 100.5 | 88.1  | 77.4  |
| 15°   | 257.0  | 235.4  | 213.5  | 190.9 | 168.3 | 147.2 | 127.7 | 109.0 | 93.8  | 79.6  | 67.5  |
| 17.5° | 269.9  | 245.4  | 220.5  | 195.1 | 170.8 | 146.0 | 123.9 | 104.5 | 86.7  | 72.0  | 60.1  |
| 20°   | 281.2  | 255.5  | 228.7  | 200.2 | 172.5 | 145.7 | 120.8 | 98.9  | 80.5  | 65.0  | 53.4  |
| 22.5° | 291.7  | 266.0  | 237.2  | 206.7 | 175.0 | 145.4 | 118.0 | 94.6  | 75.1  | 59.6  | 48.0  |
| 25°   | 303.5  | 276.5  | 246.2  | 213.5 | 179.6 | 146.5 | 116.4 | 91.2  | 70.3  | 54.5  | 43.7  |
| 27.5° | 316.8  | 288.3  | 257.0  | 222.0 | 185.5 | 148.8 | 115.8 | 87.6  | 66.1  | 49.7  | 40.4  |
| 30°   | 335.4  | 302.4  | 267.7  | 230.4 | 190.9 | 151.3 | 115.2 | 85.3  | 61.9  | 46.0  | 37.0  |
| 32.5° | 351.8  | 316.3  | 279.6  | 239.2 | 196.8 | 153.9 | 114.9 | 82.2  | 57.9  | 42.4  | 34.4  |
| 35°   | 369.0  | 328.9  | 289.7  | 247.7 | 201.9 | 156.7 | 114.6 | 79.9  | 54.2  | 38.7  | 31.9  |
| 37.5° | 384.0  | 339.7  | 297.6  | 254.9 | 207.6 | 159.3 | 114.9 | 77.9  | 50.8  | 35.5  | 29.6  |
| 40°   | 396.7  | 350.7  | 306.3  | 261.8 | 213.5 | 163.2 | 115.2 | 76.0  | 47.5  | 32.7  | 27.7  |
| 42.5° | 408.0  | 361.1  | 315.6  | 269.3 | 220.2 | 167.8 | 116.9 | 74.3  | 44.7  | 30.3  | 25.7  |
| 45°   | 416.8  | 370.8  | 325.8  | 280.1 | 231.3 | 175.0 | 120.0 | 73.2  | 41.8  | 28.0  | 24.0  |
| 47.5° | 425.8  | 384.9  | 343.1  | 297.0 | 247.4 | 186.6 | 125.4 | 72.8  | 39.5  | 26.2  | 22.6  |
| 50°   | 438.2  | 399.0  | 358.3  | 314.3 | 262.1 | 198.5 | 131.8 | 73.2  | 36.7  | 24.6  | 21.1  |
| 52.5° | 447.3  | 413.4  | 378.0  | 344.1 | 297.0 | 234.6 | 157.0 | 78.2  | 35.3  | 23.1  | 19.5  |
| 55°   | 500.6  | 494.7  | 495.5  | 501.1 | 464.8 | 399.3 | 262.6 | 113.0 | 41.6  | 26.2  | 19.2  |
| 57.5° | 705.9  | 726.8  | 739.0  | 738.7 | 678.5 | 562.7 | 352.6 | 145.2 | 46.3  | 30.5  | 22.9  |
| 60°   | 975.9  | 960.0  | 937.7  | 882.7 | 802.7 | 642.4 | 394.4 | 156.2 | 40.1  | 24.2  | 20.9  |
| 62.5° | 1214.4 | 1121.8 | 1039.7 | 950.5 | 845.7 | 670.1 | 402.9 | 155.3 | 35.0  | 18.3  | 14.7  |
| 65°   | 1363.2 | 1196.7 | 1063.9 | 952.1 | 828.7 | 646.8 | 381.1 | 142.6 | 29.6  | 14.9  | 12.1  |
| 67.5° | 1398.8 | 1156.3 | 968.5  | 825.9 | 692.3 | 503.4 | 279.8 | 107.3 | 23.1  | 12.4  | 10.8  |
| 69°   | 1321.1 | 1027.8 | 802.5  | 640.6 | 503.7 | 334.0 | 173.1 | 67.8  | 17.8  | 11.3  | 9.8   |
| 70°   | 1215.2 | 894.0  | 653.7  | 514.2 | 373.0 | 234.6 | 121.1 | 47.7  | 14.4  | 10.5  | 9.0   |
| 72.5° | 781.9  | 469.5  | 321.3  | 223.6 | 153.9 | 93.5  | 47.5  | 21.5  | 11.0  | 8.7   | 7.4   |
| 75°   | 303.2  | 173.7  | 125.9  | 95.8  | 74.8  | 51.9  | 28.8  | 13.9  | 9.3   | 7.4   | 5.6   |
| 77.5° | 149.3  | 114.4  | 93.5   | 64.1  | 37.3  | 23.1  | 15.5  | 10.8  | 7.7   | 5.4   | 3.6   |
| 80°   | 118.0  | 78.4   | 46.8   | 29.1  | 22.1  | 16.7  | 11.8  | 8.7   | 5.6   | 3.4   | 2.6   |
| 82.5° | 60.4   | 33.1   | 24.2   | 19.8  | 16.4  | 13.0  | 9.6   | 6.2   | 3.6   | 2.3   | 2.0   |
| 85°   | 19.0   | 13.9   | 12.4   | 12.1  | 11.3  | 9.3   | 6.7   | 3.9   | 2.3   | 1.5   | 1.5   |
| 87.5° | 1.5    | 2.0    | 2.6    | 2.0   | 2.3   | 2.0   | 2.6   | 1.7   | 1.1   | 1.1   | 0.8   |
| 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°    | 130.2 | 130.2 | 130.2 | 130.2 | 130.2 | 130.2 | 130.2 | 130.2 | 130.2 | 130.2 | 130.2 |
| 2.5°  | 118.5 | 115.2 | 112.1 | 110.2 | 106.4 | 105.1 | 103.6 | 103.1 | 100.5 | 101.0 | 98.9  |
| 5°    | 103.6 | 97.7  | 93.2  | 88.7  | 84.5  | 81.3  | 78.8  | 75.6  | 73.2  | 72.0  | 69.7  |
| 7.5°  | 90.1  | 82.5  | 76.5  | 71.7  | 66.6  | 62.7  | 59.3  | 57.0  | 54.8  | 52.5  | 51.4  |
| 10°   | 78.2  | 70.1  | 63.2  | 58.4  | 53.7  | 50.3  | 47.7  | 46.0  | 44.7  | 43.7  | 43.5  |
| 12.5° | 67.2  | 59.3  | 53.1  | 48.8  | 45.2  | 43.5  | 42.4  | 41.6  | 41.2  | 40.9  | 40.9  |
| 15°   | 58.8  | 50.8  | 46.0  | 42.9  | 41.2  | 40.4  | 40.1  | 39.5  | 39.0  | 38.7  | 38.7  |
| 17.5° | 50.8  | 44.9  | 41.6  | 39.8  | 39.0  | 38.4  | 37.8  | 37.3  | 36.7  | 36.4  | 36.4  |
| 20°   | 45.5  | 40.6  | 39.0  | 37.8  | 37.0  | 36.4  | 35.5  | 35.0  | 34.7  | 34.4  | 34.2  |
| 22.5° | 41.2  | 38.1  | 37.0  | 36.2  | 35.0  | 34.2  | 33.6  | 33.1  | 32.4  | 32.2  | 31.9  |
| 25°   | 38.1  | 36.2  | 35.3  | 34.2  | 33.1  | 32.2  | 31.3  | 30.5  | 29.9  | 29.6  | 29.1  |
| 27.5° | 35.9  | 34.4  | 33.4  | 31.9  | 30.8  | 29.9  | 29.1  | 28.2  | 27.7  | 27.2  | 26.8  |
| 30°   | 33.9  | 32.4  | 31.1  | 29.9  | 28.5  | 27.7  | 26.5  | 25.7  | 25.4  | 24.9  | 24.2  |
| 32.5° | 31.9  | 30.5  | 29.1  | 27.7  | 26.2  | 25.2  | 24.6  | 23.4  | 22.9  | 22.6  | 22.1  |
| 35°   | 29.6  | 28.2  | 26.5  | 25.4  | 24.0  | 22.9  | 22.1  | 21.1  | 20.6  | 20.0  | 19.8  |
| 37.5° | 27.7  | 26.0  | 24.2  | 22.9  | 21.8  | 20.6  | 19.8  | 19.0  | 18.3  | 17.8  | 17.5  |
| 40°   | 25.4  | 23.7  | 22.1  | 20.6  | 19.5  | 18.7  | 17.8  | 16.9  | 16.4  | 16.1  | 16.1  |
| 42.5° | 23.4  | 21.5  | 19.8  | 18.7  | 17.8  | 16.7  | 15.9  | 14.9  | 14.7  | 14.4  | 14.7  |
| 45°   | 21.5  | 19.5  | 18.0  | 16.9  | 16.1  | 14.9  | 14.1  | 13.6  | 13.3  | 13.6  | 13.9  |
| 47.5° | 19.8  | 17.8  | 16.4  | 15.5  | 14.7  | 13.9  | 13.0  | 12.4  | 12.4  | 13.0  | 13.6  |
| 50°   | 18.0  | 16.1  | 14.9  | 14.4  | 13.6  | 12.7  | 11.6  | 11.3  | 11.6  | 12.1  | 12.7  |
| 52.5° | 16.4  | 14.1  | 13.3  | 13.0  | 12.1  | 11.3  | 10.5  | 10.2  | 10.5  | 11.0  | 10.8  |
| 55°   | 14.7  | 12.4  | 12.1  | 11.8  | 11.0  | 9.8   | 9.0   | 9.0   | 9.0   | 8.7   | 8.2   |
| 57.5° | 14.1  | 11.0  | 10.8  | 10.5  | 9.6   | 8.5   | 7.9   | 7.4   | 7.0   | 6.2   | 5.9   |
| 60°   | 14.7  | 9.8   | 9.8   | 9.3   | 8.5   | 7.4   | 6.5   | 5.6   | 5.1   | 4.6   | 4.6   |
| 62.5° | 11.8  | 9.0   | 8.7   | 8.2   | 7.0   | 5.9   | 5.1   | 4.2   | 3.9   | 3.6   | 3.6   |
| 65°   | 9.6   | 8.2   | 7.7   | 6.7   | 5.9   | 4.8   | 3.9   | 3.4   | 3.1   | 3.1   | 3.4   |
| 67.5° | 8.7   | 7.4   | 6.5   | 5.6   | 4.8   | 3.6   | 3.1   | 2.8   | 2.8   | 3.1   | 3.1   |
| 69°   | 8.2   | 6.7   | 5.9   | 5.1   | 4.2   | 3.4   | 2.8   | 2.8   | 2.8   | 2.8   | 3.1   |
| 70°   | 7.7   | 6.5   | 5.6   | 4.8   | 3.6   | 2.8   | 2.6   | 2.6   | 2.8   | 2.8   | 3.1   |
| 72.5° | 5.9   | 5.1   | 4.8   | 3.9   | 2.8   | 2.6   | 2.3   | 2.6   | 2.6   | 2.8   | 2.8   |
| 75°   | 4.6   | 3.6   | 3.6   | 3.1   | 2.3   | 2.0   | 2.0   | 2.3   | 2.3   | 2.6   | 2.6   |
| 77.5° | 3.1   | 2.6   | 2.6   | 2.3   | 2.0   | 1.7   | 1.7   | 2.0   | 2.3   | 2.3   | 2.6   |
| 80°   | 2.3   | 2.0   | 1.7   | 2.0   | 1.7   | 1.5   | 1.7   | 2.0   | 2.0   | 2.3   | 2.3   |
| 82.5° | 1.7   | 1.7   | 1.7   | 1.7   | 1.5   | 1.5   | 1.7   | 1.7   | 2.0   | 2.3   | 2.3   |
| 85°   | 1.5   | 1.5   | 1.5   | 1.5   | 1.5   | 1.5   | 1.5   | 1.7   | 1.7   | 2.0   | 2.0   |
| 87.5° | 0.8   | 0.8   | 0.8   | 1.1   | 1.1   | 1.5   | 1.5   | 1.5   | 1.5   | 1.7   | 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   |



REPORT NUMBER: P152026

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**CANDELA DISTRIBUTION (continued):**

|       | 165°  | 170°  | 175°  | 180°  |
|-------|-------|-------|-------|-------|
| 0°    | 130.2 | 130.2 | 130.2 | 130.2 |
| 2.5°  | 98.2  | 97.9  | 96.9  | 97.1  |
| 5°    | 68.9  | 67.2  | 68.3  | 68.1  |
| 7.5°  | 50.6  | 50.3  | 49.9  | 50.6  |
| 10°   | 43.2  | 43.2  | 42.9  | 43.2  |
| 12.5° | 40.6  | 40.6  | 40.6  | 40.6  |
| 15°   | 38.7  | 38.7  | 38.4  | 38.4  |
| 17.5° | 36.4  | 36.4  | 36.4  | 36.2  |
| 20°   | 34.2  | 33.9  | 33.9  | 33.9  |
| 22.5° | 31.6  | 31.3  | 31.3  | 31.3  |
| 25°   | 29.1  | 28.8  | 28.8  | 28.8  |
| 27.5° | 26.5  | 26.2  | 26.0  | 26.0  |
| 30°   | 24.0  | 23.7  | 23.4  | 23.4  |
| 32.5° | 21.5  | 21.1  | 20.9  | 20.9  |
| 35°   | 19.2  | 19.2  | 19.0  | 18.7  |
| 37.5° | 17.2  | 17.2  | 17.2  | 17.2  |
| 40°   | 15.9  | 16.1  | 16.1  | 16.1  |
| 42.5° | 14.9  | 15.2  | 15.5  | 15.9  |
| 45°   | 14.4  | 14.9  | 15.2  | 15.2  |
| 47.5° | 14.1  | 14.4  | 14.7  | 14.7  |
| 50°   | 13.0  | 12.7  | 12.7  | 12.7  |
| 52.5° | 10.5  | 9.8   | 9.6   | 9.3   |
| 55°   | 7.7   | 7.4   | 6.7   | 6.7   |
| 57.5° | 5.4   | 5.4   | 5.1   | 5.1   |
| 60°   | 4.2   | 4.2   | 3.9   | 4.2   |
| 62.5° | 3.6   | 3.6   | 3.6   | 3.6   |
| 65°   | 3.4   | 3.4   | 3.4   | 3.4   |
| 67.5° | 3.4   | 3.4   | 3.4   | 3.4   |
| 69°   | 3.1   | 3.1   | 3.1   | 3.1   |
| 70°   | 3.1   | 3.1   | 3.1   | 3.1   |
| 72.5° | 2.8   | 2.8   | 2.8   | 2.8   |
| 75°   | 2.6   | 2.8   | 2.8   | 2.8   |
| 77.5° | 2.6   | 2.6   | 2.6   | 2.6   |
| 80°   | 2.3   | 2.3   | 2.6   | 2.6   |
| 82.5° | 2.3   | 2.3   | 2.3   | 2.3   |
| 85°   | 2.0   | 2.0   | 2.3   | 2.3   |
| 87.5° | 1.7   | 1.7   | 2.0   | 2.0   |
| 90°   | 0.0   | 0.0   | 0.0   | 0.0   |

(END OF REPORT)