

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: P152529

Luminaire Tested: **AVM-E01-LED-E-U-SL4-7030**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P152529
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: AVM-E01-LED-E-U-SL4-7030
Description: VISION SITE MEDIUM LED LUMINAIRE
(1) LIGHTBARS WITH AccuLED OPTICS - TYPE 4 W/ SPILL LIGHT CONTROL
Light Source: (21) 3000K CCT, 70 CRI LEDs
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 2698.1 lumens
Efficiency: N/A
Efficacy: 109.2 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): 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

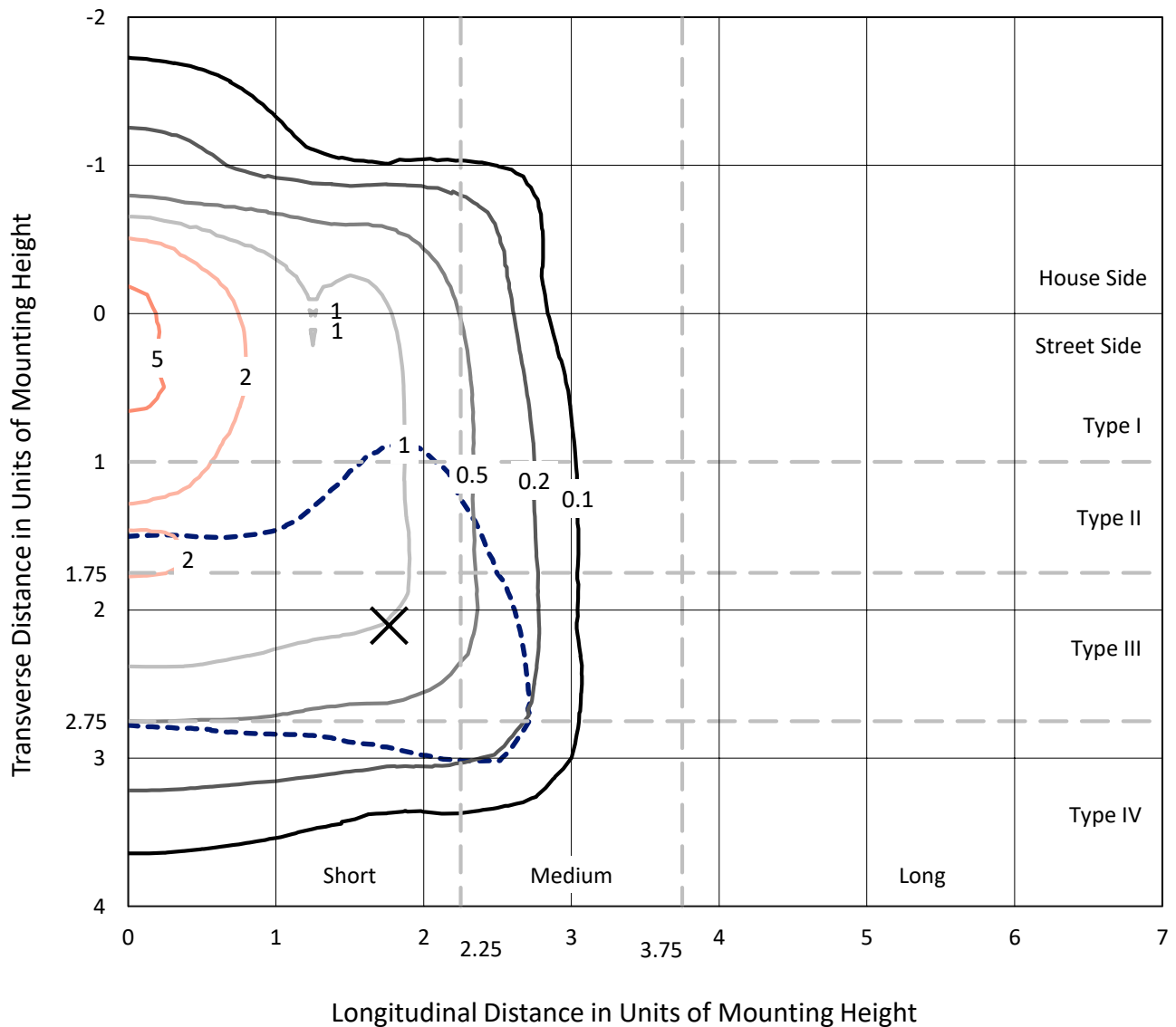


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Iso-Footcandle Lines of Horizontal Illumination

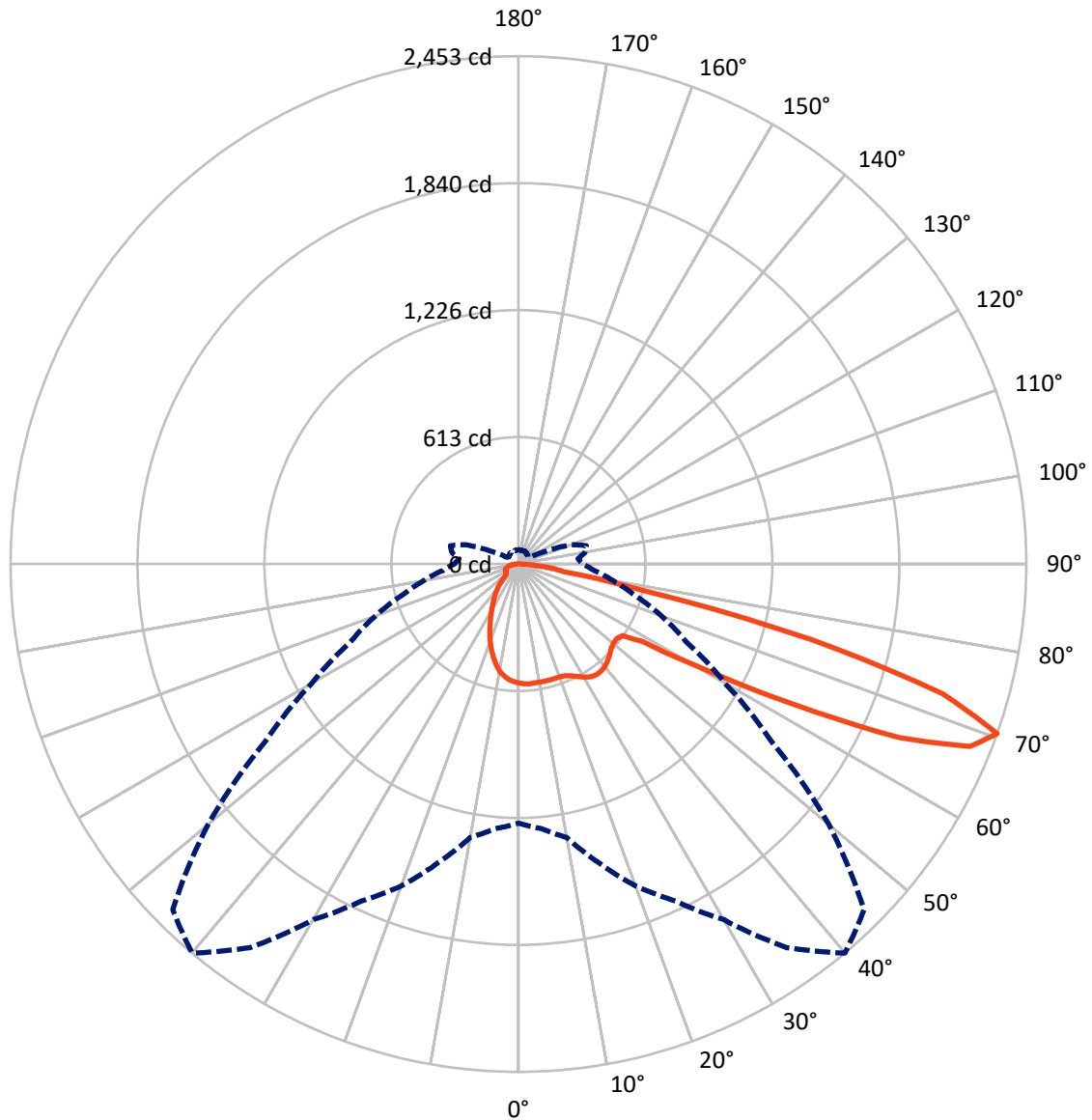
✕ Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 5.8 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 |
|--------------------|-----------|----------|--------|--------|
| House Side | Lumens | 560.1 | 0.0 | 560.1 |
| | % Fixture | 20.8 | 0.0 | 20.8 |
| Street Side | Lumens | 2138.0 | 0.0 | 2138.0 |
| | % Fixture | 79.2 | 0.0 | 79.2 |
| Total | Lumens | 2698.1 | 0.0 | 2698.1 |
| | % Fixture | 100.0 | 0.0 | 100.0 |

Coefficient of Utilization

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 53.8 | 2.0 |
| 10°-20° | 147.2 | 5.5 |
| 20°-30° | 218.0 | 8.1 |
| 30°-40° | 275.5 | 10.2 |
| 40°-50° | 311.5 | 11.5 |
| 50°-60° | 443.3 | 16.4 |
| 60°-70° | 825.6 | 30.6 |
| 70°-80° | 378.4 | 14.0 |
| 80°-90° | 44.9 | 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° | 2698.1 | 100.0 |
| 0°-180° | 2698.1 | 100.0 |



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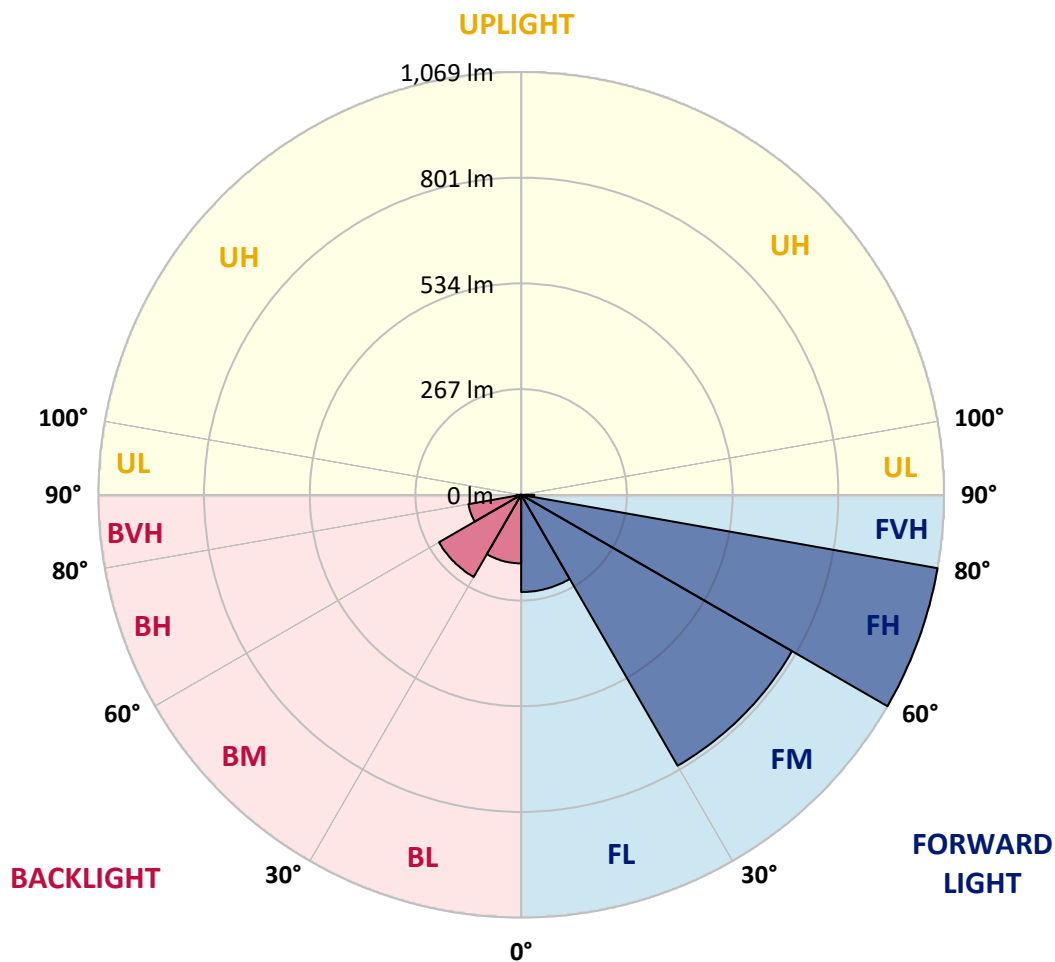
CATALOG NUMBER: AVM-E01-LED-E-U-SL4-7030

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

| Zone | | Lumens | % Fixture | Zone Rating/Lumen Limit | | |
|------|-------------|--------|-----------|-------------------------|------|---------|
| | | | | B | U | G |
| FL | (0°-30°) | 245.7 | 9.1 | | | |
| FM | (30°-60°) | 790.5 | 29.3 | | | |
| FH | (60°-80°) | 1068.6 | 39.6 | | | G1/1800 |
| FVH | (80°-90°) | 33.3 | 1.2 | | | G1/100 |
| BL | (0°-30°) | 173.3 | 6.4 | B1/500 | | |
| BM | (30°-60°) | 239.8 | 8.9 | B1/1000 | | |
| BH | (60°-80°) | 135.4 | 5.0 | B1/500 | | G1/500 |
| BVH | (80°-90°) | 11.6 | 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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CATALOG NUMBER: AVM-E01-LED-E-U-SL4-7030

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 575.7 | 575.7 | 575.7 | 575.7 | 575.7 | 575.7 | 575.7 | 575.7 | 575.7 | 575.7 | 575.7 |
| 2.5° | 584.5 | 586.1 | 584.2 | 583.9 | 583.9 | 583.6 | 581.8 | 581.5 | 579.1 | 579.4 | 580.0 |
| 5° | 588.8 | 589.4 | 588.2 | 587.9 | 587.3 | 586.1 | 584.5 | 582.7 | 580.9 | 579.1 | 577.5 |
| 7.5° | 593.1 | 592.5 | 591.5 | 591.5 | 590.6 | 588.8 | 585.8 | 583.3 | 579.4 | 577.2 | 574.5 |
| 10° | 599.2 | 598.2 | 597.0 | 596.4 | 594.9 | 592.2 | 587.9 | 584.5 | 579.7 | 575.4 | 570.8 |
| 12.5° | 604.9 | 604.6 | 602.8 | 601.9 | 599.5 | 596.7 | 591.5 | 586.4 | 580.0 | 573.3 | 567.2 |
| 15° | 615.3 | 614.1 | 612.2 | 610.4 | 606.5 | 602.8 | 594.9 | 588.8 | 579.7 | 570.8 | 561.4 |
| 17.5° | 633.3 | 631.1 | 629.3 | 625.3 | 620.5 | 614.1 | 602.5 | 592.2 | 579.7 | 566.9 | 556.2 |
| 20° | 666.1 | 661.6 | 659.1 | 654.0 | 645.4 | 633.9 | 615.9 | 599.2 | 580.6 | 564.1 | 549.8 |
| 22.5° | 703.3 | 700.2 | 696.9 | 693.5 | 680.1 | 663.4 | 639.0 | 614.1 | 586.1 | 562.9 | 544.7 |
| 25° | 745.0 | 741.0 | 739.2 | 733.4 | 720.9 | 701.8 | 668.6 | 633.9 | 598.5 | 567.8 | 544.7 |
| 27.5° | 782.1 | 780.9 | 780.6 | 773.9 | 762.0 | 739.5 | 700.2 | 658.5 | 615.6 | 577.8 | 549.2 |
| 30° | 815.9 | 814.7 | 814.1 | 810.4 | 796.7 | 770.0 | 727.3 | 680.4 | 634.2 | 591.9 | 557.8 |
| 32.5° | 851.9 | 847.9 | 846.1 | 839.1 | 823.5 | 792.2 | 743.5 | 694.8 | 648.8 | 605.6 | 567.2 |
| 35° | 881.1 | 877.7 | 874.1 | 864.0 | 842.1 | 805.0 | 750.5 | 699.6 | 654.6 | 613.2 | 572.1 |
| 37.5° | 902.4 | 899.0 | 893.9 | 881.1 | 854.0 | 809.2 | 750.2 | 698.1 | 652.4 | 611.9 | 573.0 |
| 40° | 911.8 | 908.5 | 903.0 | 886.9 | 856.1 | 806.8 | 744.4 | 691.1 | 646.0 | 605.6 | 569.3 |
| 42.5° | 908.2 | 905.7 | 898.7 | 883.2 | 849.4 | 795.8 | 732.8 | 678.0 | 633.9 | 595.2 | 561.1 |
| 45° | 894.2 | 892.3 | 885.6 | 869.2 | 834.2 | 778.2 | 715.8 | 661.6 | 619.3 | 582.4 | 550.1 |
| 47.5° | 873.2 | 872.6 | 865.9 | 849.7 | 815.0 | 760.5 | 698.1 | 645.4 | 604.6 | 569.9 | 541.0 |
| 50° | 850.0 | 847.0 | 843.6 | 828.7 | 797.1 | 745.3 | 685.3 | 635.4 | 596.4 | 565.4 | 537.0 |
| 52.5° | 835.4 | 834.5 | 831.5 | 818.1 | 787.6 | 736.5 | 679.5 | 631.7 | 595.8 | 564.5 | 534.9 |
| 55° | 965.1 | 967.2 | 939.2 | 881.1 | 829.9 | 760.8 | 696.9 | 650.3 | 610.7 | 579.1 | 557.4 |
| 57.5° | 1427.6 | 1418.1 | 1370.0 | 1254.6 | 1124.3 | 952.3 | 828.4 | 753.2 | 704.2 | 709.7 | 720.6 |
| 60° | 1663.2 | 1661.4 | 1652.6 | 1607.8 | 1521.0 | 1390.1 | 1244.9 | 1078.4 | 1025.4 | 1031.2 | 1035.4 |
| 62.5° | 1768.6 | 1771.3 | 1778.0 | 1761.2 | 1738.4 | 1700.4 | 1627.9 | 1560.9 | 1490.0 | 1463.5 | 1392.6 |
| 65° | 1817.3 | 1822.1 | 1837.4 | 1846.8 | 1855.6 | 1862.3 | 1890.9 | 1969.5 | 2021.2 | 1924.4 | 1699.1 |
| 67.5° | 1716.5 | 1739.9 | 1790.2 | 1839.2 | 1883.0 | 1945.4 | 2042.3 | 2224.6 | 2351.6 | 2232.5 | 1905.9 |
| 70° | 1251.3 | 1283.3 | 1340.8 | 1492.4 | 1654.4 | 1796.0 | 1983.5 | 2261.2 | 2452.7 | 2360.7 | 1957.0 |
| 72.5° | 784.6 | 793.4 | 819.0 | 874.7 | 994.9 | 1176.7 | 1504.6 | 1921.1 | 2142.1 | 2068.7 | 1654.1 |
| 75° | 497.8 | 500.8 | 499.9 | 512.7 | 533.1 | 572.7 | 702.4 | 1134.7 | 1467.4 | 1353.0 | 921.9 |
| 77.5° | 296.5 | 301.1 | 302.9 | 306.9 | 316.6 | 330.6 | 341.3 | 386.0 | 615.3 | 597.3 | 334.6 |
| 80° | 248.4 | 252.1 | 249.0 | 248.1 | 242.0 | 237.8 | 243.0 | 237.8 | 220.7 | 212.5 | 195.8 |
| 82.5° | 131.5 | 131.2 | 130.3 | 139.1 | 157.1 | 171.1 | 181.8 | 179.3 | 162.3 | 138.2 | 117.2 |
| 85° | 72.2 | 74.6 | 74.6 | 77.6 | 74.9 | 75.2 | 77.6 | 81.9 | 75.8 | 63.3 | 51.8 |
| 87.5° | 6.1 | 9.4 | 7.6 | 9.4 | 12.8 | 9.1 | 8.8 | 8.8 | 7.6 | 5.5 | 4.9 |
| 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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CATALOG NUMBER: AVM-E01-LED-E-U-SL4-7030

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|-------|--------|--------|--------|--------|--------|-------|-------|-------|-------|-------|-------|
| 0° | 575.7 | 575.7 | 575.7 | 575.7 | 575.7 | 575.7 | 575.7 | 575.7 | 575.7 | 575.7 | 575.7 |
| 2.5° | 578.5 | 577.8 | 576.6 | 575.7 | 575.7 | 574.2 | 573.3 | 572.7 | 572.4 | 571.1 | 571.1 |
| 5° | 576.6 | 574.5 | 572.4 | 570.8 | 569.9 | 568.4 | 566.0 | 564.8 | 563.2 | 562.0 | 561.4 |
| 7.5° | 572.7 | 568.7 | 565.4 | 562.9 | 559.9 | 557.4 | 554.4 | 551.7 | 548.9 | 547.7 | 547.1 |
| 10° | 566.6 | 561.4 | 556.2 | 551.7 | 547.4 | 543.1 | 539.2 | 535.2 | 531.9 | 529.4 | 527.0 |
| 12.5° | 560.8 | 552.9 | 546.2 | 539.5 | 532.8 | 527.6 | 522.1 | 516.3 | 511.5 | 506.9 | 505.7 |
| 15° | 552.9 | 543.7 | 535.2 | 527.0 | 518.8 | 510.3 | 503.6 | 497.2 | 489.3 | 484.1 | 480.1 |
| 17.5° | 545.6 | 534.6 | 524.3 | 514.5 | 504.5 | 495.6 | 485.6 | 477.1 | 469.2 | 461.2 | 455.5 |
| 20° | 537.7 | 525.8 | 514.8 | 503.9 | 492.9 | 481.6 | 470.1 | 459.1 | 449.4 | 439.9 | 430.5 |
| 22.5° | 530.7 | 518.5 | 507.8 | 495.9 | 483.8 | 471.0 | 457.6 | 443.9 | 432.6 | 420.4 | 409.5 |
| 25° | 526.4 | 513.0 | 502.0 | 490.5 | 477.1 | 463.1 | 447.8 | 431.7 | 418.0 | 404.0 | 390.9 |
| 27.5° | 526.4 | 509.0 | 497.8 | 486.2 | 472.5 | 457.6 | 440.8 | 423.2 | 407.7 | 392.1 | 376.0 |
| 30° | 531.0 | 509.6 | 494.4 | 482.2 | 468.2 | 452.1 | 433.5 | 415.0 | 397.9 | 379.6 | 364.1 |
| 32.5° | 535.2 | 510.9 | 492.0 | 476.5 | 460.3 | 444.5 | 425.6 | 405.8 | 387.0 | 369.6 | 353.2 |
| 35° | 538.0 | 510.9 | 487.4 | 467.6 | 449.4 | 433.8 | 415.3 | 395.5 | 376.3 | 359.3 | 344.0 |
| 37.5° | 538.3 | 508.4 | 480.1 | 457.6 | 438.4 | 422.3 | 404.6 | 386.0 | 367.8 | 351.9 | 339.2 |
| 40° | 535.2 | 503.6 | 472.8 | 446.9 | 426.8 | 410.4 | 394.3 | 377.5 | 361.1 | 348.0 | 337.0 |
| 42.5° | 529.7 | 498.4 | 465.8 | 438.4 | 417.4 | 400.4 | 385.4 | 371.1 | 356.8 | 345.6 | 336.4 |
| 45° | 521.5 | 491.4 | 459.4 | 433.2 | 412.5 | 394.6 | 380.0 | 368.1 | 355.9 | 346.5 | 337.3 |
| 47.5° | 514.2 | 488.9 | 461.5 | 436.6 | 415.0 | 396.4 | 381.5 | 371.4 | 362.0 | 355.6 | 343.1 |
| 50° | 512.7 | 487.7 | 462.5 | 439.3 | 417.4 | 398.5 | 385.4 | 380.3 | 377.5 | 373.6 | 354.4 |
| 52.5° | 508.4 | 487.4 | 469.2 | 456.4 | 442.4 | 433.5 | 419.8 | 424.7 | 421.7 | 407.7 | 373.0 |
| 55° | 553.2 | 559.3 | 576.3 | 600.7 | 623.2 | 628.4 | 626.9 | 621.1 | 590.3 | 507.8 | 417.7 |
| 57.5° | 760.5 | 794.9 | 827.2 | 841.5 | 839.7 | 823.5 | 812.0 | 788.5 | 744.1 | 643.6 | 506.0 |
| 60° | 1048.5 | 1054.0 | 1037.0 | 1011.7 | 969.1 | 933.4 | 895.4 | 851.5 | 787.0 | 688.7 | 560.2 |
| 62.5° | 1313.7 | 1240.0 | 1164.2 | 1093.0 | 1028.1 | 971.5 | 918.5 | 857.3 | 773.3 | 670.7 | 553.2 |
| 65° | 1500.9 | 1345.1 | 1225.4 | 1123.1 | 1031.5 | 952.3 | 886.3 | 806.8 | 712.1 | 619.6 | 512.7 |
| 67.5° | 1597.4 | 1358.5 | 1174.9 | 1032.4 | 902.4 | 792.8 | 704.8 | 627.5 | 557.1 | 516.7 | 448.8 |
| 70° | 1489.7 | 1153.0 | 897.2 | 736.2 | 580.6 | 465.5 | 367.8 | 308.7 | 288.3 | 326.7 | 339.8 |
| 72.5° | 1110.0 | 750.5 | 533.7 | 412.8 | 316.3 | 252.1 | 193.3 | 151.9 | 123.6 | 129.7 | 168.4 |
| 75° | 524.9 | 323.9 | 228.9 | 174.1 | 138.5 | 114.8 | 93.8 | 85.9 | 71.9 | 59.7 | 56.0 |
| 77.5° | 204.3 | 148.9 | 123.0 | 90.1 | 63.9 | 51.5 | 43.8 | 42.3 | 43.2 | 42.0 | 41.4 |
| 80° | 155.6 | 105.3 | 66.1 | 48.4 | 41.7 | 36.8 | 32.6 | 31.4 | 32.0 | 33.5 | 35.0 |
| 82.5° | 86.8 | 54.2 | 40.2 | 35.0 | 31.4 | 26.8 | 24.4 | 22.5 | 22.8 | 24.7 | 28.0 |
| 85° | 33.5 | 26.2 | 24.1 | 23.1 | 21.6 | 17.4 | 14.9 | 15.2 | 17.4 | 20.7 | 20.7 |
| 87.5° | 3.7 | 3.7 | 4.9 | 3.7 | 3.7 | 3.7 | 3.3 | 4.0 | 4.3 | 5.5 | 6.4 |
| 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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CATALOG NUMBER: AVM-E01-LED-E-U-SL4-7030

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 575.7 | 575.7 | 575.7 | 575.7 | 575.7 | 575.7 | 575.7 | 575.7 | 575.7 | 575.7 | 575.7 |
| 2.5° | 570.5 | 570.5 | 570.5 | 569.9 | 570.2 | 569.0 | 569.0 | 568.1 | 569.6 | 568.7 | 568.4 |
| 5° | 561.7 | 561.4 | 560.2 | 560.2 | 560.2 | 560.2 | 561.1 | 558.7 | 560.5 | 560.5 | 559.6 |
| 7.5° | 546.8 | 546.8 | 543.4 | 545.3 | 544.7 | 545.6 | 546.8 | 545.6 | 547.4 | 548.6 | 547.7 |
| 10° | 526.1 | 526.1 | 523.3 | 525.5 | 524.6 | 526.7 | 528.8 | 527.6 | 528.8 | 530.7 | 531.3 |
| 12.5° | 503.3 | 502.0 | 499.6 | 500.5 | 500.5 | 501.7 | 502.6 | 504.2 | 505.7 | 508.1 | 509.3 |
| 15° | 476.8 | 474.9 | 471.9 | 471.9 | 470.1 | 470.7 | 472.5 | 473.1 | 476.2 | 479.5 | 483.5 |
| 17.5° | 449.7 | 445.1 | 441.8 | 437.8 | 434.8 | 437.2 | 439.3 | 440.8 | 443.3 | 448.5 | 451.2 |
| 20° | 424.1 | 415.0 | 408.6 | 403.4 | 400.0 | 401.6 | 404.3 | 406.1 | 408.3 | 409.5 | 410.4 |
| 22.5° | 398.8 | 388.5 | 379.6 | 373.3 | 367.8 | 369.3 | 368.1 | 367.2 | 368.7 | 364.7 | 364.4 |
| 25° | 376.9 | 364.7 | 352.9 | 345.2 | 338.5 | 336.4 | 330.0 | 328.5 | 324.2 | 320.9 | 318.5 |
| 27.5° | 361.1 | 345.2 | 332.2 | 323.3 | 312.7 | 304.8 | 296.5 | 288.3 | 283.7 | 278.3 | 275.5 |
| 30° | 348.6 | 331.9 | 316.3 | 301.4 | 287.4 | 275.2 | 264.3 | 253.6 | 246.3 | 238.4 | 233.2 |
| 32.5° | 337.0 | 321.5 | 302.6 | 282.2 | 263.3 | 249.6 | 235.3 | 223.2 | 211.6 | 201.2 | 193.6 |
| 35° | 329.1 | 311.8 | 287.7 | 262.7 | 241.4 | 225.3 | 210.1 | 192.7 | 178.7 | 165.3 | 157.1 |
| 37.5° | 324.8 | 303.5 | 274.0 | 246.3 | 222.6 | 204.3 | 185.4 | 165.3 | 148.3 | 135.8 | 123.3 |
| 40° | 321.5 | 295.3 | 261.8 | 231.7 | 206.7 | 184.8 | 162.9 | 139.1 | 120.3 | 107.2 | 97.4 |
| 42.5° | 317.8 | 286.2 | 251.2 | 220.1 | 192.4 | 166.8 | 140.4 | 115.1 | 97.1 | 88.0 | 83.7 |
| 45° | 313.9 | 278.3 | 241.1 | 209.2 | 178.4 | 147.4 | 116.9 | 93.5 | 82.8 | 79.8 | 79.8 |
| 47.5° | 313.0 | 273.1 | 233.8 | 198.5 | 162.6 | 124.8 | 95.3 | 80.7 | 77.6 | 78.2 | 79.5 |
| 50° | 316.6 | 271.6 | 227.4 | 186.0 | 141.6 | 101.1 | 80.7 | 75.8 | 76.4 | 78.2 | 80.1 |
| 52.5° | 325.5 | 272.8 | 220.7 | 168.7 | 116.6 | 83.4 | 74.6 | 74.3 | 76.1 | 78.9 | 80.7 |
| 55° | 340.4 | 272.8 | 207.9 | 142.8 | 93.2 | 74.9 | 72.5 | 73.7 | 76.1 | 78.5 | 80.1 |
| 57.5° | 372.3 | 270.0 | 185.4 | 114.2 | 77.9 | 71.9 | 71.9 | 73.4 | 75.5 | 77.9 | 79.2 |
| 60° | 410.4 | 266.4 | 153.7 | 88.3 | 70.3 | 69.4 | 71.5 | 73.4 | 75.2 | 77.3 | 78.5 |
| 62.5° | 412.8 | 257.0 | 121.8 | 73.1 | 66.4 | 67.9 | 71.2 | 73.7 | 74.3 | 75.8 | 77.3 |
| 65° | 379.3 | 224.1 | 96.8 | 65.5 | 64.5 | 67.0 | 70.3 | 72.2 | 72.5 | 73.1 | 74.6 |
| 67.5° | 332.2 | 182.7 | 78.2 | 61.8 | 62.7 | 65.5 | 67.3 | 68.8 | 69.7 | 71.2 | 71.5 |
| 70° | 272.8 | 146.7 | 67.0 | 58.1 | 59.1 | 62.1 | 63.6 | 65.2 | 67.0 | 68.8 | 67.9 |
| 72.5° | 193.3 | 114.2 | 58.8 | 54.2 | 55.4 | 58.1 | 60.0 | 61.2 | 62.7 | 64.5 | 63.3 |
| 75° | 82.2 | 79.8 | 50.8 | 49.0 | 50.8 | 52.7 | 54.5 | 56.3 | 57.8 | 58.8 | 58.8 |
| 77.5° | 42.0 | 46.9 | 43.8 | 43.8 | 45.1 | 46.9 | 48.4 | 50.2 | 51.1 | 52.1 | 53.3 |
| 80° | 35.6 | 36.2 | 36.8 | 38.1 | 39.3 | 41.1 | 42.6 | 44.1 | 44.4 | 44.8 | 45.4 |
| 82.5° | 29.5 | 30.7 | 31.4 | 33.2 | 34.1 | 34.7 | 35.6 | 35.6 | 36.2 | 36.2 | 35.3 |
| 85° | 21.3 | 22.8 | 23.7 | 24.1 | 23.7 | 24.1 | 24.4 | 25.0 | 26.5 | 26.5 | 25.3 |
| 87.5° | 6.1 | 5.8 | 7.3 | 7.6 | 8.2 | 9.4 | 10.7 | 12.8 | 13.4 | 14.0 | 14.0 |
| 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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CATALOG NUMBER: AVM-E01-LED-E-U-SL4-7030

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° |
|-------|-------|-------|-------|-------|
| 0° | 575.7 | 575.7 | 575.7 | 575.7 |
| 2.5° | 568.1 | 568.7 | 567.5 | 567.8 |
| 5° | 559.6 | 560.8 | 559.3 | 561.1 |
| 7.5° | 548.6 | 550.4 | 550.1 | 549.8 |
| 10° | 532.8 | 535.2 | 535.2 | 536.1 |
| 12.5° | 512.7 | 514.2 | 515.4 | 516.0 |
| 15° | 485.6 | 488.3 | 489.9 | 489.9 |
| 17.5° | 453.0 | 454.8 | 455.8 | 454.5 |
| 20° | 411.6 | 411.0 | 411.3 | 408.3 |
| 22.5° | 363.8 | 364.7 | 362.0 | 362.6 |
| 25° | 316.9 | 315.4 | 316.6 | 314.8 |
| 27.5° | 271.6 | 271.9 | 268.5 | 270.0 |
| 30° | 228.3 | 226.8 | 222.6 | 224.7 |
| 32.5° | 186.6 | 182.7 | 178.1 | 175.4 |
| 35° | 147.4 | 141.3 | 139.1 | 138.2 |
| 37.5° | 115.7 | 109.0 | 106.9 | 104.4 |
| 40° | 91.9 | 89.5 | 88.6 | 89.2 |
| 42.5° | 82.5 | 82.5 | 83.1 | 83.4 |
| 45° | 80.1 | 81.0 | 81.9 | 82.2 |
| 47.5° | 80.4 | 81.3 | 82.5 | 82.8 |
| 50° | 81.0 | 81.9 | 82.8 | 83.1 |
| 52.5° | 81.3 | 81.3 | 81.9 | 82.2 |
| 55° | 80.7 | 80.4 | 80.7 | 81.0 |
| 57.5° | 79.5 | 78.9 | 79.2 | 80.1 |
| 60° | 78.9 | 77.9 | 78.5 | 79.2 |
| 62.5° | 77.3 | 77.0 | 77.6 | 77.9 |
| 65° | 74.0 | 74.3 | 75.2 | 75.2 |
| 67.5° | 70.9 | 71.2 | 71.5 | 71.9 |
| 70° | 67.3 | 67.6 | 68.2 | 68.5 |
| 72.5° | 63.0 | 64.2 | 65.2 | 66.4 |
| 75° | 59.7 | 60.9 | 62.7 | 63.9 |
| 77.5° | 53.9 | 54.8 | 56.9 | 58.5 |
| 80° | 45.7 | 45.4 | 45.7 | 46.6 |
| 82.5° | 35.0 | 35.0 | 34.7 | 34.4 |
| 85° | 24.7 | 24.4 | 23.4 | 23.4 |
| 87.5° | 13.4 | 13.1 | 12.8 | 12.2 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 |

(END OF REPORT)