

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: P150249

Luminaire Tested: **AVM-E01-LED-E-U-SL2-7030**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P150249
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (P33678)
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-SL2-7030
Description: VISION SITE MEDIUM LED LUMINAIRE
(1) LIGHTBARS WITH AccuLED OPTICS - TYPE 2 W/ SPILL LIGHT CONTROL
Light Source: (21) 3000K CCT, 70 CRI LEDs
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 2790.4 lumens
Efficiency: N/A
Efficacy: 113.0 lumens/watt
Luminous Opening: Rectangular (W 0.17' x L: 1' x H: 0')
IES Classification: Type II - Short - Non-Cutoff
BUG Rating: B1 - U0 - G1

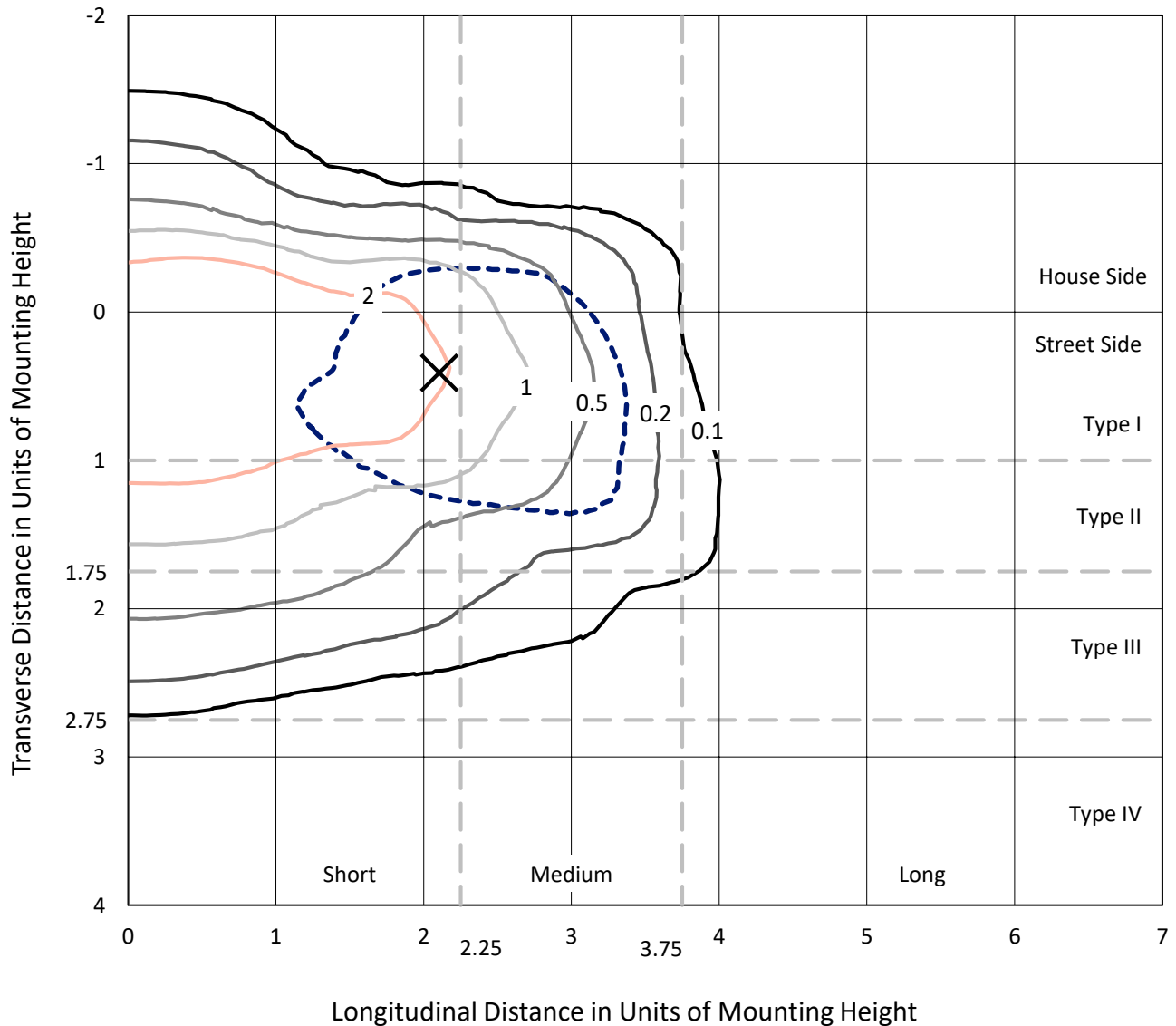
Input Watts (W): 24.7
Input Voltage (V): NR
Input Current (A_{in}): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



REPORT NUMBER: P150249
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Iso-Footcandle Lines of Horizontal Illumination

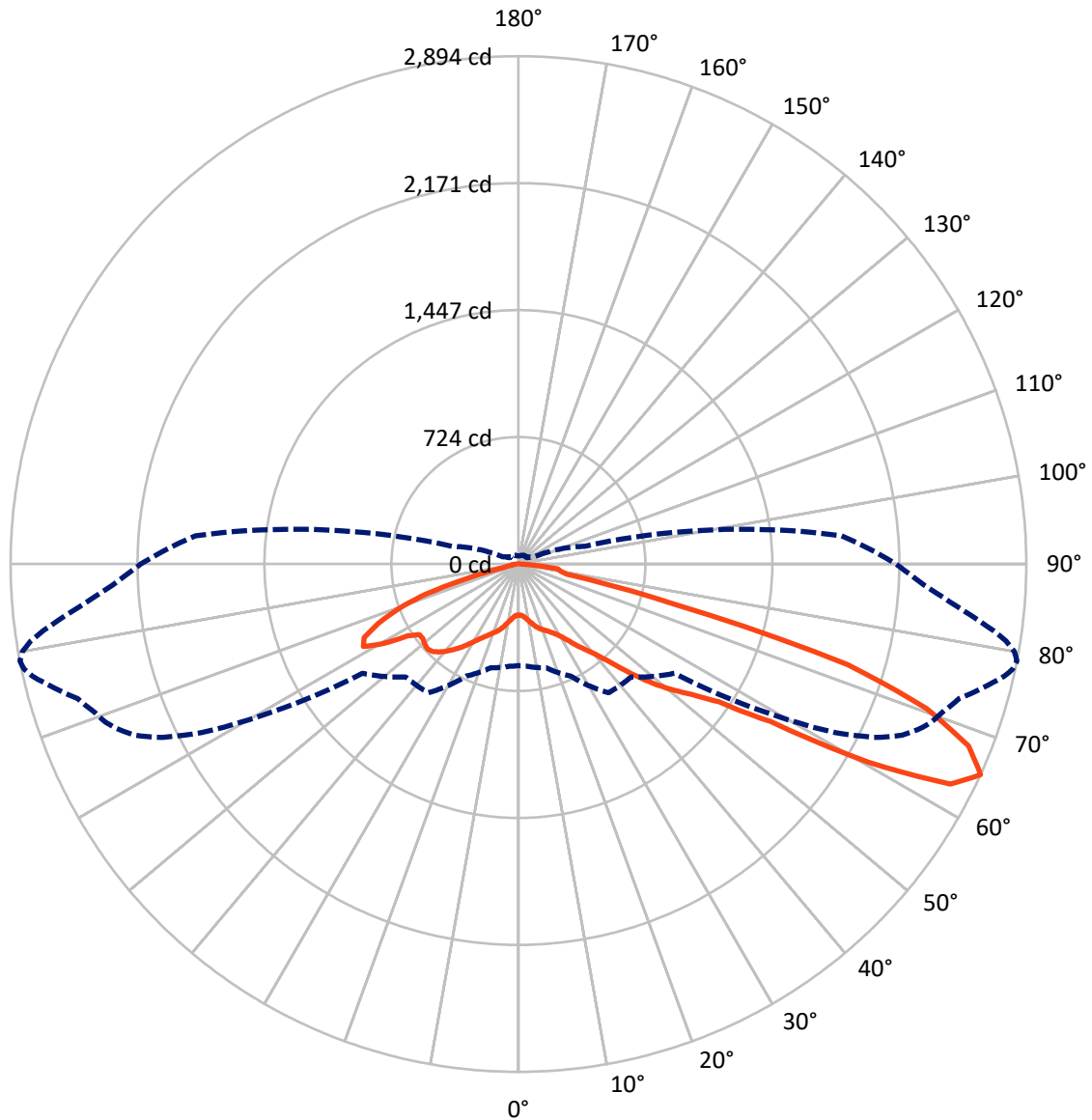
✕ Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 3.8 fc
 Type II - Short - Non-Cutoff

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Luminous Intensity Polar Plot



— Vertical Plane Through 79-Deg Lateral - - - Horizontal Cone Through 65-Deg Vertical

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FLUX DISTRIBUTION:

| | | Downward | Upward | Total |
|--------------------|-----------|----------|--------|--------|
| House Side | Lumens | 659.6 | 0.0 | 659.6 |
| | % Fixture | 23.6 | 0.0 | 23.6 |
| Street Side | Lumens | 2130.7 | 0.0 | 2130.7 |
| | % Fixture | 76.4 | 0.0 | 76.4 |
| Total | Lumens | 2790.4 | 0.0 | 2790.4 |
| | % Fixture | 100.0 | 0.0 | 100.0 |

Coefficient of Utilization

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 28.9 | 1.0 |
| 10°-20° | 94.4 | 3.4 |
| 20°-30° | 163.1 | 5.8 |
| 30°-40° | 269.9 | 9.7 |
| 40°-50° | 457.8 | 16.4 |
| 50°-60° | 608.2 | 21.8 |
| 60°-70° | 785.7 | 28.2 |
| 70°-80° | 329.5 | 11.8 |
| 80°-90° | 52.9 | 1.9 |
| 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° | 2790.4 | 100.0 |
| 0°-180° | 2790.4 | 100.0 |



REPORT NUMBER: P150249

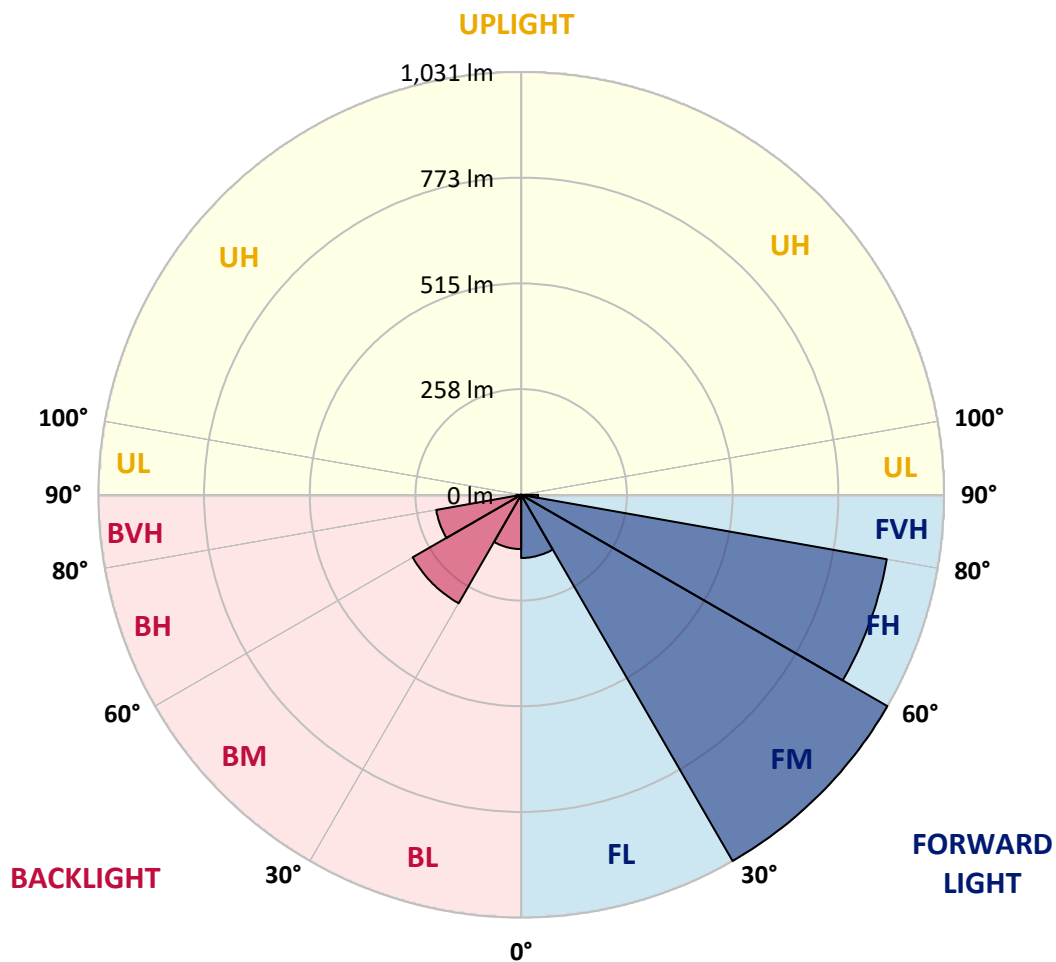
CATALOG NUMBER: AVM-E01-LED-E-U-SL2-7030

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

| Zone | | Lumens | % Fixture | Zone Rating/Lumen Limit | | |
|------|-------------|--------|-----------|-------------------------|------|---------|
| | | | | B | U | G |
| FL | (0°-30°) | 154.0 | 5.5 | | | |
| FM | (30°-60°) | 1030.6 | 36.9 | | | |
| FH | (60°-80°) | 904.8 | 32.4 | | | G1/1800 |
| FVH | (80°-90°) | 41.4 | 1.5 | | | G1/100 |
| BL | (0°-30°) | 132.4 | 4.7 | B1/500 | | |
| BM | (30°-60°) | 305.3 | 10.9 | B1/1000 | | |
| BH | (60°-80°) | 210.4 | 7.5 | B1/500 | | G1/500 |
| BVH | (80°-90°) | 11.5 | 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 II Short





REPORT NUMBER: P150249

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CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 15° | 25° | 35° | 45° | 55° | 60° | 61° | 62° | 64° |
|-------|-------|-------|-------|-------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 290.4 | 290.4 | 290.4 | 290.4 | 290.4 | 290.4 | 290.4 | 290.4 | 290.4 | 290.4 | 290.4 |
| 2.5° | 289.5 | 290.4 | 289.8 | 290.4 | 291.1 | 291.4 | 292.0 | 291.7 | 291.7 | 292.0 | 291.4 |
| 5° | 289.5 | 289.5 | 290.4 | 292.0 | 292.6 | 294.4 | 296.5 | 296.2 | 296.5 | 296.2 | 296.8 |
| 7.5° | 295.6 | 295.3 | 296.2 | 298.1 | 298.7 | 301.4 | 305.1 | 305.7 | 306.3 | 306.3 | 307.2 |
| 10° | 306.3 | 306.0 | 306.9 | 307.8 | 308.7 | 310.8 | 316.0 | 318.2 | 318.5 | 318.8 | 320.0 |
| 12.5° | 319.7 | 319.4 | 318.2 | 318.2 | 317.8 | 321.8 | 328.8 | 332.8 | 333.4 | 334.6 | 335.5 |
| 15° | 329.1 | 328.2 | 326.4 | 325.2 | 326.7 | 333.1 | 343.4 | 348.0 | 348.6 | 349.5 | 351.9 |
| 17.5° | 338.2 | 337.3 | 333.4 | 330.3 | 332.5 | 342.8 | 356.8 | 361.7 | 362.9 | 363.8 | 366.6 |
| 20° | 351.0 | 350.4 | 344.6 | 337.3 | 336.7 | 350.1 | 367.2 | 373.6 | 374.5 | 375.7 | 378.4 |
| 22.5° | 370.5 | 367.8 | 361.1 | 347.4 | 340.7 | 354.4 | 374.5 | 383.3 | 384.5 | 385.7 | 389.4 |
| 25° | 394.9 | 393.7 | 382.1 | 361.1 | 347.1 | 358.6 | 382.4 | 393.3 | 395.2 | 396.7 | 401.6 |
| 27.5° | 420.1 | 418.3 | 405.8 | 378.4 | 358.3 | 367.2 | 394.9 | 407.4 | 409.8 | 412.2 | 416.8 |
| 30° | 442.7 | 442.1 | 431.7 | 401.9 | 376.6 | 383.3 | 415.0 | 430.2 | 432.9 | 436.0 | 440.2 |
| 32.5° | 495.6 | 495.9 | 485.3 | 454.8 | 420.8 | 412.5 | 443.9 | 466.7 | 467.9 | 471.6 | 479.2 |
| 35° | 597.0 | 598.2 | 594.3 | 570.2 | 531.9 | 498.1 | 501.1 | 523.7 | 524.9 | 527.9 | 535.2 |
| 37.5° | 664.9 | 667.4 | 679.5 | 687.1 | 667.7 | 652.1 | 613.5 | 604.6 | 605.6 | 603.7 | 602.2 |
| 40° | 702.4 | 706.0 | 738.0 | 777.6 | 798.9 | 799.2 | 782.4 | 743.5 | 728.5 | 724.3 | 706.0 |
| 42.5° | 723.7 | 729.8 | 775.1 | 842.7 | 903.9 | 945.9 | 956.3 | 913.0 | 902.1 | 882.6 | 847.6 |
| 45° | 737.7 | 745.0 | 798.6 | 891.1 | 981.2 | 1052.8 | 1106.7 | 1087.5 | 1080.2 | 1068.3 | 1036.0 |
| 47.5° | 735.2 | 741.0 | 796.7 | 907.6 | 1021.7 | 1123.4 | 1219.0 | 1238.8 | 1230.0 | 1226.9 | 1205.0 |
| 50° | 690.8 | 696.0 | 752.6 | 866.8 | 999.5 | 1150.2 | 1290.3 | 1346.3 | 1346.3 | 1352.1 | 1345.4 |
| 52.5° | 643.3 | 647.6 | 699.0 | 801.6 | 927.7 | 1124.0 | 1329.8 | 1422.7 | 1434.9 | 1444.9 | 1460.8 |
| 55° | 625.3 | 630.5 | 669.5 | 757.2 | 866.5 | 1049.1 | 1343.2 | 1479.9 | 1502.5 | 1519.5 | 1555.4 |
| 57.5° | 633.9 | 639.0 | 666.7 | 733.1 | 830.5 | 972.7 | 1343.8 | 1557.0 | 1600.5 | 1635.5 | 1708.3 |
| 60° | 670.7 | 675.6 | 698.7 | 755.3 | 821.1 | 928.6 | 1318.0 | 1679.7 | 1749.1 | 1814.8 | 1936.0 |
| 62.5° | 653.7 | 659.7 | 693.5 | 792.2 | 891.4 | 895.1 | 1224.5 | 1774.6 | 1886.4 | 1983.5 | 2176.2 |
| 65° | 579.1 | 585.5 | 611.9 | 704.2 | 895.7 | 909.7 | 1086.0 | 1776.5 | 1915.3 | 2046.5 | 2254.5 |
| 67.5° | 439.6 | 442.1 | 463.1 | 537.0 | 716.4 | 925.8 | 943.5 | 1566.1 | 1698.2 | 1844.7 | 2059.3 |
| 70° | 224.7 | 228.9 | 235.0 | 296.5 | 461.2 | 765.1 | 810.8 | 1154.2 | 1322.5 | 1473.8 | 1731.7 |
| 72.5° | 77.9 | 79.5 | 85.6 | 113.3 | 224.7 | 502.0 | 709.7 | 791.0 | 892.6 | 1034.2 | 1332.9 |
| 75° | 46.9 | 46.9 | 49.0 | 57.2 | 102.6 | 261.5 | 631.4 | 646.0 | 659.7 | 707.2 | 902.7 |
| 77.5° | 37.1 | 37.8 | 37.8 | 39.3 | 56.9 | 134.3 | 479.5 | 600.7 | 602.5 | 607.1 | 640.0 |
| 80° | 26.5 | 27.7 | 30.1 | 31.4 | 36.8 | 73.7 | 269.1 | 527.3 | 563.2 | 580.6 | 604.6 |
| 82.5° | 19.8 | 21.0 | 25.6 | 27.1 | 28.6 | 41.1 | 120.9 | 363.8 | 429.3 | 464.0 | 548.6 |
| 85° | 8.8 | 10.4 | 17.4 | 19.2 | 20.1 | 21.9 | 56.6 | 103.5 | 119.0 | 133.7 | 176.3 |
| 87.5° | 1.5 | 1.5 | 2.7 | 4.0 | 5.8 | 5.5 | 12.5 | 17.7 | 18.0 | 21.0 | 23.4 |
| 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: P150249

CATALOG NUMBER: AVM-E01-LED-E-U-SL2-7030

CANDELA DISTRIBUTION (continued):

| | 65° | 66° | 67° | 68° | 69° | 70° | 71° | 72° | 73° | 74° | 75° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 290.4 | 290.4 | 290.4 | 290.4 | 290.4 | 290.4 | 290.4 | 290.4 | 290.4 | 290.4 | 290.4 |
| 2.5° | 291.4 | 291.4 | 291.4 | 291.1 | 291.4 | 291.4 | 291.4 | 291.4 | 291.7 | 291.7 | 291.7 |
| 5° | 297.8 | 297.1 | 297.4 | 297.4 | 297.4 | 297.1 | 297.8 | 297.4 | 297.8 | 298.7 | 298.4 |
| 7.5° | 307.2 | 307.8 | 308.1 | 308.4 | 308.4 | 308.4 | 308.7 | 309.3 | 309.3 | 310.2 | 309.9 |
| 10° | 321.2 | 320.9 | 321.2 | 322.1 | 323.0 | 323.3 | 324.2 | 323.9 | 324.5 | 325.8 | 327.0 |
| 12.5° | 336.1 | 336.7 | 337.6 | 338.5 | 340.1 | 340.4 | 341.3 | 341.6 | 343.4 | 343.4 | 344.6 |
| 15° | 352.9 | 353.2 | 355.0 | 355.3 | 357.1 | 357.7 | 359.3 | 359.9 | 362.0 | 362.3 | 363.5 |
| 17.5° | 368.1 | 368.7 | 369.6 | 370.5 | 372.6 | 373.6 | 374.8 | 376.0 | 377.8 | 378.4 | 380.6 |
| 20° | 380.3 | 381.5 | 381.8 | 383.6 | 385.4 | 386.7 | 387.9 | 389.1 | 390.9 | 391.8 | 394.0 |
| 22.5° | 391.2 | 392.4 | 393.3 | 394.9 | 396.1 | 397.9 | 398.5 | 400.7 | 402.5 | 404.0 | 405.8 |
| 25° | 403.1 | 404.9 | 405.8 | 408.6 | 409.5 | 411.3 | 412.8 | 415.0 | 417.4 | 419.2 | 421.7 |
| 27.5° | 419.8 | 422.6 | 423.8 | 426.8 | 429.0 | 429.9 | 432.3 | 435.4 | 437.5 | 439.6 | 442.1 |
| 30° | 443.0 | 448.2 | 449.1 | 451.2 | 455.2 | 455.8 | 458.8 | 461.2 | 464.6 | 466.7 | 468.9 |
| 32.5° | 478.9 | 485.3 | 485.9 | 488.3 | 491.7 | 492.9 | 495.3 | 498.1 | 503.3 | 504.2 | 507.5 |
| 35° | 534.0 | 536.7 | 539.2 | 540.1 | 542.8 | 544.4 | 546.2 | 549.2 | 554.4 | 553.8 | 557.4 |
| 37.5° | 600.1 | 601.0 | 601.3 | 598.2 | 598.9 | 596.1 | 599.5 | 600.1 | 601.9 | 603.4 | 607.1 |
| 40° | 694.5 | 685.0 | 683.8 | 676.5 | 669.2 | 665.2 | 663.7 | 657.6 | 659.1 | 659.7 | 662.8 |
| 42.5° | 832.4 | 814.1 | 798.9 | 788.5 | 770.6 | 761.7 | 749.9 | 740.4 | 733.1 | 735.9 | 737.1 |
| 45° | 1007.1 | 980.9 | 956.6 | 924.9 | 901.5 | 884.7 | 863.7 | 844.8 | 836.3 | 832.4 | 837.2 |
| 47.5° | 1181.6 | 1158.4 | 1129.8 | 1097.2 | 1060.1 | 1032.4 | 997.4 | 966.6 | 945.3 | 937.4 | 941.7 |
| 50° | 1332.3 | 1311.0 | 1289.3 | 1270.2 | 1226.9 | 1196.8 | 1149.0 | 1109.1 | 1075.6 | 1058.6 | 1054.0 |
| 52.5° | 1457.4 | 1446.1 | 1434.6 | 1418.4 | 1383.7 | 1353.6 | 1315.5 | 1276.3 | 1231.8 | 1197.1 | 1185.2 |
| 55° | 1569.1 | 1575.8 | 1570.0 | 1570.4 | 1556.7 | 1537.5 | 1505.2 | 1476.0 | 1444.9 | 1405.6 | 1389.2 |
| 57.5° | 1732.0 | 1771.6 | 1779.5 | 1799.3 | 1809.0 | 1819.4 | 1828.5 | 1811.2 | 1803.3 | 1774.0 | 1774.3 |
| 60° | 1988.7 | 2046.5 | 2096.7 | 2142.4 | 2179.9 | 2216.4 | 2254.8 | 2271.8 | 2290.7 | 2299.5 | 2329.7 |
| 62.5° | 2261.8 | 2316.9 | 2391.8 | 2453.0 | 2487.4 | 2534.9 | 2576.6 | 2603.7 | 2636.8 | 2672.2 | 2718.1 |
| 65° | 2329.3 | 2395.7 | 2442.9 | 2483.7 | 2517.8 | 2543.1 | 2565.9 | 2598.2 | 2625.9 | 2681.9 | 2736.1 |
| 67.5° | 2156.1 | 2209.1 | 2252.3 | 2292.5 | 2319.0 | 2340.3 | 2360.7 | 2382.0 | 2429.5 | 2480.4 | 2534.9 |
| 70° | 1850.8 | 1914.7 | 1986.2 | 2038.3 | 2051.4 | 2069.7 | 2089.1 | 2116.8 | 2140.6 | 2193.9 | 2235.3 |
| 72.5° | 1486.9 | 1578.9 | 1639.5 | 1711.6 | 1727.1 | 1754.9 | 1765.8 | 1787.4 | 1791.7 | 1820.6 | 1831.6 |
| 75° | 1036.3 | 1141.7 | 1202.6 | 1255.6 | 1265.9 | 1250.7 | 1256.8 | 1180.4 | 1160.9 | 1145.0 | 1132.2 |
| 77.5° | 684.1 | 712.4 | 722.2 | 713.6 | 672.8 | 640.9 | 606.8 | 573.3 | 576.9 | 549.8 | 502.3 |
| 80° | 608.3 | 614.7 | 605.9 | 597.3 | 573.9 | 540.4 | 509.6 | 478.3 | 462.8 | 446.3 | 422.0 |
| 82.5° | 591.9 | 616.5 | 619.3 | 608.9 | 590.3 | 553.8 | 516.7 | 470.1 | 430.5 | 394.0 | 356.8 |
| 85° | 197.9 | 240.8 | 260.0 | 278.0 | 283.4 | 289.8 | 267.9 | 238.1 | 202.2 | 178.1 | 139.4 |
| 87.5° | 25.3 | 31.4 | 36.2 | 31.1 | 36.2 | 42.6 | 30.7 | 34.4 | 34.7 | 21.6 | 16.1 |
| 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: P150249

CATALOG NUMBER: AVM-E01-LED-E-U-SL2-7030

CANDELA DISTRIBUTION (continued):

| | 76° | 77° | 78° | 79° | 80° | 81° | 82° | 83° | 84° | 85° | 86° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 290.4 | 290.4 | 290.4 | 290.4 | 290.4 | 290.4 | 290.4 | 290.4 | 290.4 | 290.4 | 290.4 |
| 2.5° | 292.0 | 291.7 | 291.7 | 291.7 | 291.4 | 291.7 | 291.7 | 291.7 | 291.7 | 291.7 | 291.4 |
| 5° | 298.7 | 298.7 | 299.6 | 299.9 | 299.3 | 299.0 | 299.3 | 299.6 | 299.6 | 299.3 | 299.6 |
| 7.5° | 311.1 | 311.5 | 312.1 | 313.0 | 312.4 | 312.7 | 313.0 | 312.7 | 313.6 | 313.9 | 313.6 |
| 10° | 327.0 | 327.6 | 329.1 | 329.4 | 329.1 | 330.3 | 330.6 | 330.0 | 330.6 | 330.6 | 331.9 |
| 12.5° | 345.2 | 345.9 | 347.7 | 348.3 | 348.9 | 349.2 | 350.1 | 350.4 | 351.3 | 351.9 | 352.9 |
| 15° | 365.0 | 365.6 | 366.9 | 369.0 | 369.6 | 370.2 | 370.8 | 372.6 | 373.0 | 374.2 | 375.1 |
| 17.5° | 381.8 | 382.7 | 384.5 | 386.0 | 387.0 | 388.5 | 389.1 | 391.2 | 391.8 | 393.7 | 395.2 |
| 20° | 395.2 | 396.7 | 398.2 | 400.0 | 401.6 | 403.4 | 404.0 | 406.1 | 407.4 | 408.3 | 410.1 |
| 22.5° | 407.4 | 409.2 | 411.3 | 413.4 | 414.7 | 417.1 | 418.0 | 418.9 | 421.7 | 422.9 | 424.7 |
| 25° | 423.2 | 425.0 | 427.4 | 430.2 | 431.4 | 434.5 | 435.4 | 436.9 | 439.9 | 441.1 | 443.9 |
| 27.5° | 444.8 | 447.2 | 449.1 | 451.8 | 453.3 | 455.5 | 457.6 | 459.4 | 462.2 | 464.0 | 467.0 |
| 30° | 471.9 | 473.7 | 476.8 | 478.9 | 481.3 | 484.4 | 486.8 | 488.6 | 490.2 | 492.9 | 496.3 |
| 32.5° | 511.8 | 512.1 | 513.0 | 518.2 | 520.6 | 523.0 | 526.4 | 527.9 | 530.4 | 533.1 | 536.7 |
| 35° | 561.4 | 564.1 | 566.3 | 568.7 | 571.5 | 574.2 | 575.4 | 580.0 | 582.1 | 585.8 | 589.4 |
| 37.5° | 610.7 | 611.0 | 615.9 | 617.4 | 619.9 | 622.6 | 626.9 | 631.4 | 636.9 | 640.6 | 646.3 |
| 40° | 663.7 | 666.1 | 672.2 | 675.3 | 678.3 | 685.0 | 688.4 | 695.7 | 704.8 | 710.0 | 719.7 |
| 42.5° | 740.4 | 744.1 | 755.0 | 759.9 | 767.2 | 778.2 | 785.2 | 795.2 | 798.9 | 811.4 | 815.9 |
| 45° | 840.9 | 852.2 | 868.0 | 878.3 | 891.4 | 903.3 | 909.4 | 914.0 | 919.4 | 929.2 | 928.0 |
| 47.5° | 949.6 | 964.2 | 981.9 | 1003.2 | 1011.7 | 1025.7 | 1033.6 | 1042.4 | 1037.6 | 1035.1 | 1032.7 |
| 50° | 1061.0 | 1078.1 | 1101.5 | 1120.7 | 1133.8 | 1142.3 | 1149.0 | 1147.8 | 1137.4 | 1131.9 | 1116.7 |
| 52.5° | 1184.9 | 1195.0 | 1217.2 | 1233.6 | 1241.5 | 1243.4 | 1241.9 | 1232.7 | 1223.0 | 1205.6 | 1187.7 |
| 55° | 1374.9 | 1370.3 | 1379.2 | 1386.8 | 1384.3 | 1392.9 | 1370.9 | 1362.4 | 1338.4 | 1315.8 | 1291.8 |
| 57.5° | 1760.9 | 1767.0 | 1717.7 | 1695.5 | 1691.5 | 1699.4 | 1660.8 | 1655.9 | 1597.8 | 1590.4 | 1550.0 |
| 60° | 2325.4 | 2355.2 | 2316.6 | 2294.9 | 2236.5 | 2217.3 | 2174.1 | 2156.1 | 2100.4 | 2055.3 | 1998.4 |
| 62.5° | 2749.8 | 2776.9 | 2793.0 | 2762.3 | 2728.2 | 2677.9 | 2612.5 | 2540.0 | 2481.0 | 2411.9 | 2351.6 |
| 65° | 2788.2 | 2843.0 | 2880.1 | 2894.4 | 2870.4 | 2815.3 | 2734.6 | 2643.2 | 2552.8 | 2466.0 | 2389.9 |
| 67.5° | 2608.8 | 2657.8 | 2715.4 | 2766.8 | 2769.9 | 2734.0 | 2665.2 | 2572.3 | 2467.9 | 2360.7 | 2271.5 |
| 70° | 2300.7 | 2362.2 | 2412.5 | 2466.7 | 2504.4 | 2483.7 | 2449.3 | 2364.1 | 2255.7 | 2172.3 | 2069.7 |
| 72.5° | 1871.2 | 1897.0 | 1909.2 | 1962.5 | 1963.1 | 1925.3 | 1901.0 | 1853.8 | 1766.4 | 1707.4 | 1629.1 |
| 75° | 1092.7 | 1035.7 | 975.2 | 922.5 | 879.6 | 861.6 | 781.8 | 768.4 | 714.8 | 681.7 | 633.0 |
| 77.5° | 450.6 | 399.7 | 334.3 | 279.8 | 225.9 | 201.5 | 166.2 | 150.7 | 130.6 | 121.8 | 116.0 |
| 80° | 386.3 | 338.2 | 288.9 | 241.7 | 199.7 | 157.7 | 122.7 | 95.3 | 74.9 | 63.6 | 59.1 |
| 82.5° | 315.4 | 286.5 | 252.1 | 226.5 | 193.6 | 162.3 | 137.0 | 106.3 | 79.5 | 58.5 | 44.8 |
| 85° | 113.9 | 93.5 | 75.2 | 69.1 | 55.1 | 45.4 | 38.1 | 32.6 | 26.8 | 21.3 | 18.9 |
| 87.5° | 12.8 | 12.2 | 7.0 | 6.7 | 7.6 | 5.5 | 6.4 | 5.8 | 4.9 | 4.3 | 4.6 |
| 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: P150249

CATALOG NUMBER: AVM-E01-LED-E-U-SL2-7030

CANDELA DISTRIBUTION (continued):

| | 87° | 88° | 89° | 90° | 95° | 105° | 115° | 125° | 135° | 145° | 155° |
|-------|--------|--------|--------|--------|--------|-------|-------|-------|-------|-------|-------|
| 0° | 290.4 | 290.4 | 290.4 | 290.4 | 290.4 | 290.4 | 290.4 | 290.4 | 290.4 | 290.4 | 290.4 |
| 2.5° | 291.4 | 291.4 | 291.7 | 291.7 | 292.0 | 292.3 | 292.9 | 292.6 | 292.6 | 292.9 | 292.9 |
| 5° | 299.6 | 300.5 | 300.2 | 300.2 | 300.2 | 300.5 | 300.8 | 299.6 | 298.4 | 297.1 | 296.5 |
| 7.5° | 313.9 | 314.5 | 315.1 | 314.5 | 315.1 | 314.8 | 314.2 | 310.8 | 306.9 | 302.0 | 298.7 |
| 10° | 332.5 | 332.5 | 333.1 | 332.8 | 334.0 | 333.1 | 331.2 | 323.6 | 315.1 | 304.8 | 297.1 |
| 12.5° | 352.6 | 354.7 | 353.8 | 354.1 | 356.5 | 354.1 | 349.8 | 338.5 | 323.3 | 306.6 | 293.2 |
| 15° | 376.3 | 377.2 | 377.8 | 376.9 | 378.4 | 376.3 | 368.7 | 350.7 | 328.5 | 305.1 | 285.3 |
| 17.5° | 395.8 | 396.1 | 396.4 | 397.0 | 399.1 | 396.7 | 383.6 | 359.3 | 329.7 | 298.1 | 271.9 |
| 20° | 411.0 | 412.5 | 413.7 | 413.7 | 416.8 | 413.1 | 395.8 | 363.5 | 325.8 | 286.5 | 254.8 |
| 22.5° | 426.8 | 428.1 | 429.6 | 429.9 | 433.8 | 430.2 | 405.8 | 362.6 | 315.4 | 270.0 | 235.0 |
| 25° | 446.3 | 447.5 | 448.8 | 450.3 | 455.8 | 450.6 | 415.9 | 358.9 | 301.1 | 250.6 | 213.7 |
| 27.5° | 468.9 | 471.6 | 472.5 | 474.9 | 481.3 | 473.4 | 424.4 | 353.5 | 285.3 | 228.0 | 191.2 |
| 30° | 499.0 | 502.3 | 503.6 | 506.9 | 515.7 | 498.4 | 429.3 | 344.0 | 265.2 | 205.2 | 167.1 |
| 32.5° | 539.5 | 544.1 | 547.7 | 551.4 | 561.4 | 523.3 | 429.9 | 330.3 | 241.7 | 179.6 | 144.0 |
| 35° | 592.5 | 599.5 | 602.2 | 604.6 | 614.1 | 550.4 | 427.1 | 309.9 | 213.1 | 153.4 | 125.7 |
| 37.5° | 651.8 | 658.8 | 660.7 | 661.9 | 663.7 | 573.6 | 420.4 | 278.9 | 180.8 | 130.6 | 111.1 |
| 40° | 724.9 | 731.0 | 733.4 | 731.6 | 721.9 | 591.5 | 405.5 | 242.6 | 149.5 | 115.1 | 102.0 |
| 42.5° | 814.1 | 823.2 | 824.1 | 815.9 | 783.7 | 601.6 | 375.7 | 200.0 | 124.8 | 103.8 | 95.0 |
| 45° | 924.6 | 924.0 | 918.8 | 913.0 | 850.9 | 597.6 | 334.0 | 162.9 | 109.3 | 95.0 | 88.6 |
| 47.5° | 1023.9 | 1013.5 | 1005.6 | 988.5 | 910.3 | 574.5 | 280.1 | 134.9 | 99.9 | 88.3 | 83.1 |
| 50° | 1105.2 | 1086.3 | 1069.5 | 1051.0 | 954.5 | 533.4 | 226.5 | 114.5 | 91.0 | 82.5 | 77.9 |
| 52.5° | 1169.4 | 1146.6 | 1127.1 | 1108.8 | 997.1 | 487.7 | 185.7 | 99.6 | 82.5 | 76.7 | 72.2 |
| 55° | 1269.9 | 1247.0 | 1216.0 | 1195.9 | 1062.2 | 445.7 | 159.2 | 87.7 | 74.3 | 70.6 | 66.1 |
| 57.5° | 1524.1 | 1504.0 | 1466.8 | 1414.8 | 1229.7 | 429.9 | 144.3 | 78.5 | 67.6 | 65.5 | 61.8 |
| 60° | 1968.0 | 1935.4 | 1887.0 | 1834.0 | 1570.0 | 440.5 | 132.4 | 72.2 | 63.0 | 61.2 | 58.5 |
| 62.5° | 2302.9 | 2245.6 | 2190.8 | 2141.8 | 1842.2 | 440.2 | 116.9 | 67.3 | 59.7 | 58.8 | 56.0 |
| 65° | 2316.6 | 2258.4 | 2203.3 | 2151.9 | 1848.3 | 391.8 | 98.6 | 63.0 | 59.1 | 58.8 | 54.2 |
| 67.5° | 2193.6 | 2130.5 | 2077.3 | 2012.4 | 1711.0 | 306.3 | 79.2 | 60.3 | 61.5 | 60.9 | 53.6 |
| 70° | 1992.6 | 1910.4 | 1866.6 | 1802.6 | 1505.8 | 214.3 | 65.2 | 61.2 | 66.7 | 64.8 | 54.5 |
| 72.5° | 1564.0 | 1501.9 | 1435.2 | 1390.7 | 1178.8 | 135.5 | 54.8 | 61.8 | 68.8 | 65.8 | 56.9 |
| 75° | 582.1 | 598.9 | 571.5 | 561.7 | 598.9 | 79.5 | 48.7 | 57.5 | 61.5 | 56.9 | 51.8 |
| 77.5° | 117.5 | 112.3 | 106.6 | 105.3 | 136.1 | 49.0 | 44.8 | 49.9 | 47.2 | 41.7 | 42.0 |
| 80° | 56.3 | 54.8 | 53.0 | 52.7 | 50.5 | 40.8 | 41.4 | 42.6 | 35.6 | 32.3 | 34.4 |
| 82.5° | 37.4 | 35.3 | 34.7 | 33.5 | 34.1 | 36.5 | 39.3 | 36.5 | 27.4 | 25.6 | 31.1 |
| 85° | 17.4 | 16.7 | 16.4 | 16.4 | 18.3 | 32.9 | 32.6 | 26.8 | 18.9 | 18.3 | 31.1 |
| 87.5° | 4.3 | 4.3 | 4.6 | 4.3 | 4.9 | 9.7 | 8.5 | 8.2 | 7.0 | 7.9 | 14.6 |
| 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: P150249

CATALOG NUMBER: AVM-E01-LED-E-U-SL2-7030

CANDELA DISTRIBUTION (continued):

| | 165° | 175° | 180° |
|-------|-------|-------|-------|
| 0° | 290.4 | 290.4 | 290.4 |
| 2.5° | 292.6 | 292.9 | 292.6 |
| 5° | 295.3 | 295.3 | 295.3 |
| 7.5° | 295.3 | 294.4 | 294.1 |
| 10° | 291.1 | 288.3 | 288.3 |
| 12.5° | 283.7 | 279.2 | 278.6 |
| 15° | 270.0 | 264.0 | 263.0 |
| 17.5° | 252.7 | 244.5 | 243.0 |
| 20° | 233.2 | 222.9 | 221.0 |
| 22.5° | 211.9 | 200.0 | 199.1 |
| 25° | 190.9 | 178.7 | 176.3 |
| 27.5° | 167.4 | 155.6 | 154.4 |
| 30° | 144.0 | 133.7 | 133.0 |
| 32.5° | 124.2 | 117.8 | 116.6 |
| 35° | 110.2 | 106.6 | 105.0 |
| 37.5° | 101.1 | 98.3 | 98.0 |
| 40° | 94.1 | 91.6 | 91.3 |
| 42.5° | 88.3 | 86.2 | 85.9 |
| 45° | 82.5 | 80.7 | 80.1 |
| 47.5° | 76.7 | 74.9 | 74.6 |
| 50° | 71.5 | 69.1 | 68.8 |
| 52.5° | 66.7 | 64.2 | 63.6 |
| 55° | 62.1 | 59.7 | 59.7 |
| 57.5° | 58.1 | 55.7 | 55.4 |
| 60° | 54.5 | 52.1 | 51.8 |
| 62.5° | 51.8 | 48.7 | 48.4 |
| 65° | 49.6 | 46.6 | 46.0 |
| 67.5° | 48.4 | 44.8 | 43.8 |
| 70° | 50.5 | 43.8 | 42.3 |
| 72.5° | 50.8 | 42.9 | 40.8 |
| 75° | 49.0 | 40.5 | 39.0 |
| 77.5° | 42.9 | 36.2 | 34.7 |
| 80° | 37.1 | 28.0 | 25.9 |
| 82.5° | 35.3 | 22.8 | 19.8 |
| 85° | 27.4 | 14.9 | 14.0 |
| 87.5° | 15.5 | 8.2 | 6.7 |
| 90° | 0.0 | 0.0 | 0.0 |

(END OF REPORT)