

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: P155758

Luminaire Tested: **AVM-E02-LED-E-U-T3-8030**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P155758
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (P33672)
Test Lab: INNOVATION CENTER-P3
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: AVM-E02-LED-E-U-T3-8030
Description: VISION SITE MEDIUM LED LUMINAIRE
(2) LIGHTBARS WITH AccuLED OPTICS - TYPE 3 AREA
Light Source: (42) 3000K CCT, 80 CRI LEDs
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 5205.6 lumens
Efficiency: N/A
Efficacy: 99.9 lumens/watt
Luminous Opening: Rectangular (W 0.33' x L: 1' x H: 0')
IES Classification: Type III - Short - Semi-Cutoff
BUG Rating: B2 - U0 - G2

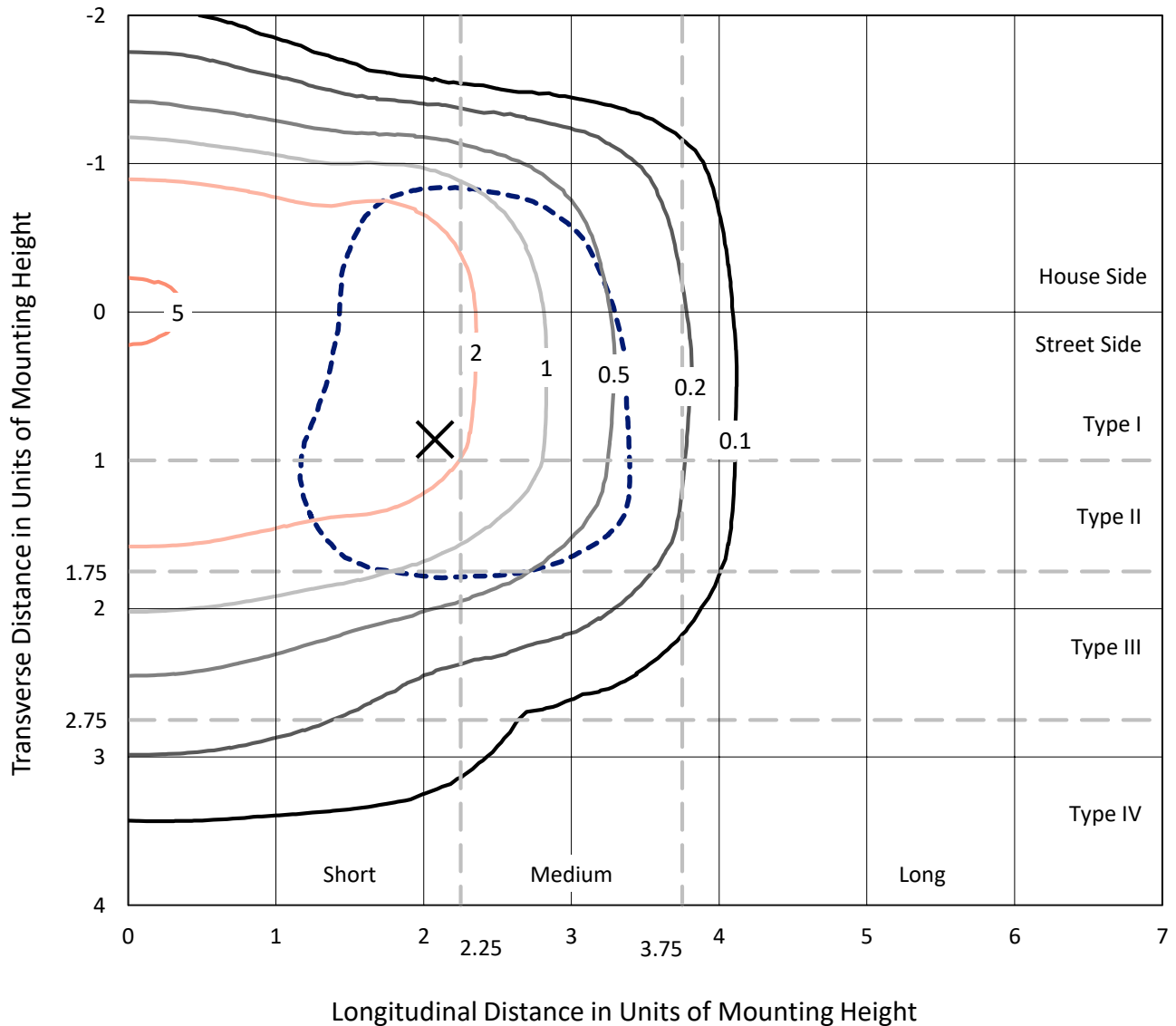
Input Watts (W): 52.1
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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Iso-Footcandle Lines of Horizontal Illumination

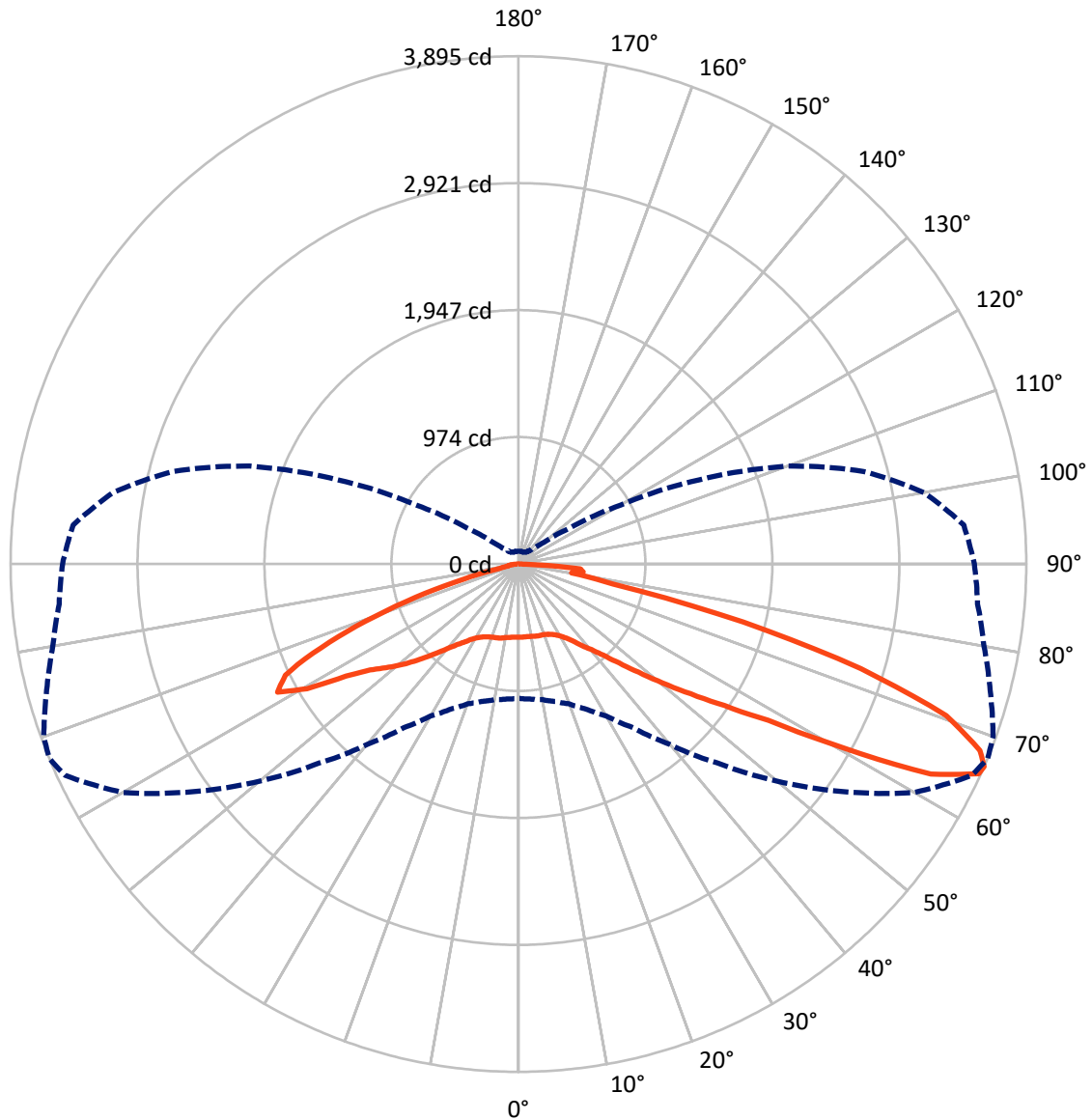
✕ Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 5.6 fc
 Type III - Short - Semi-Cutoff

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Luminous Intensity Polar Plot



— Vertical Plane Through 67.5-Deg Lateral - - - Horizontal Cone Through 66-Deg Vertical

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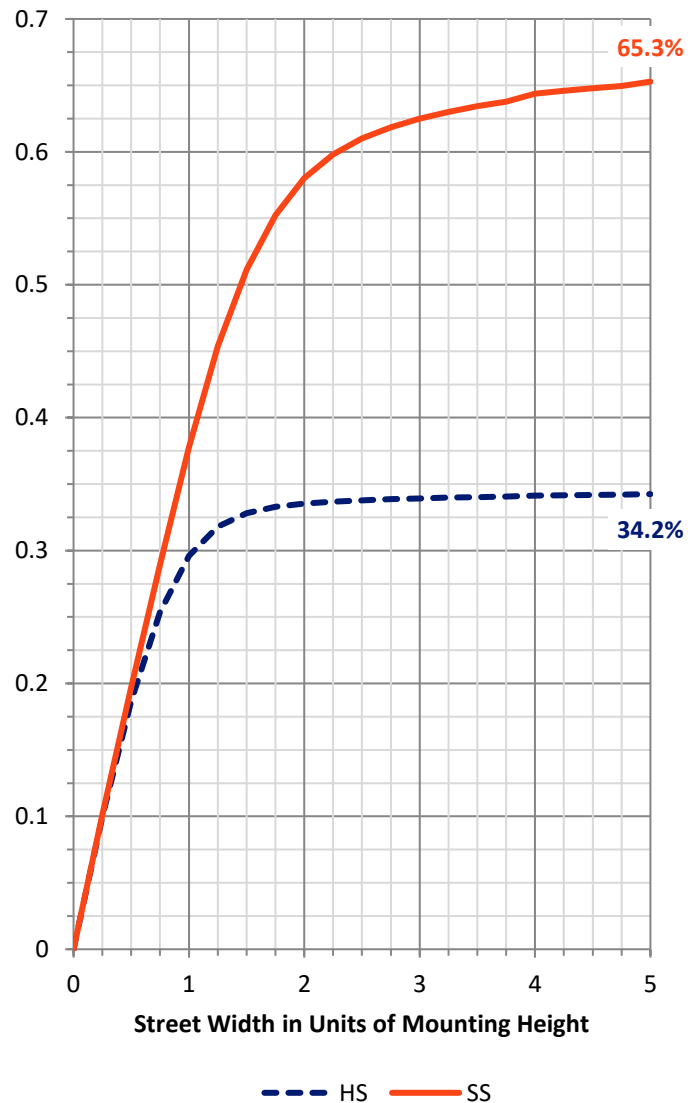
FLUX DISTRIBUTION:

| | | Downward | Upward | Total |
|--------------------|-----------|----------|--------|--------|
| House Side | Lumens | 1797.7 | 0.0 | 1797.7 |
| | % Fixture | 34.5 | 0.0 | 34.5 |
| Street Side | Lumens | 3407.9 | 0.0 | 3407.9 |
| | % Fixture | 65.5 | 0.0 | 65.5 |
| Total | Lumens | 5205.6 | 0.0 | 5205.6 |
| | % Fixture | 100.0 | 0.0 | 100.0 |

Coefficient of Utilization

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 53.7 | 1.0 |
| 10°-20° | 158.6 | 3.0 |
| 20°-30° | 272.5 | 5.2 |
| 30°-40° | 442.5 | 8.5 |
| 40°-50° | 738.8 | 14.2 |
| 50°-60° | 1163.3 | 22.3 |
| 60°-70° | 1586.3 | 30.5 |
| 70°-80° | 686.7 | 13.2 |
| 80°-90° | 103.3 | 2.0 |
| 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° | 5205.6 | 100.0 |
| 0°-180° | 5205.6 | 100.0 |



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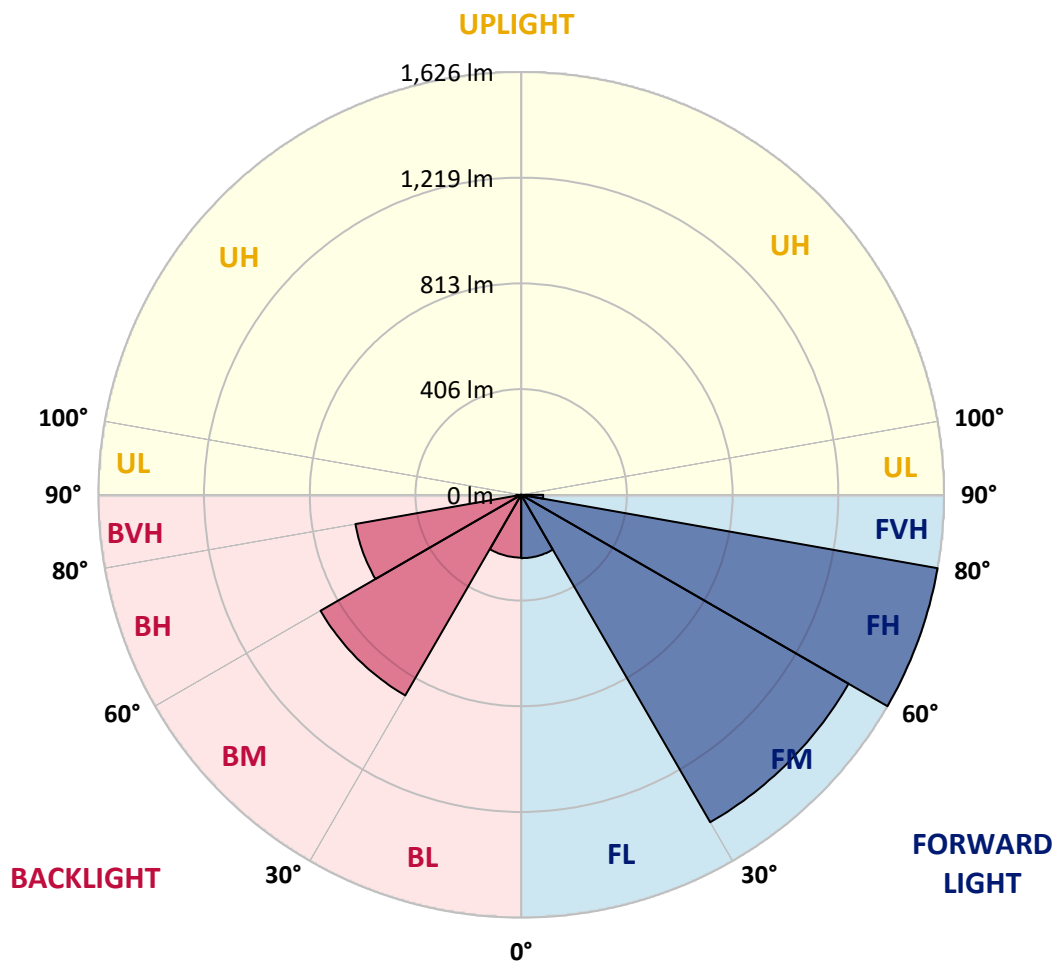
CATALOG NUMBER: AVM-E02-LED-E-U-T3-8030

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

| Zone | | Lumens | % Fixture | Zone Rating/Lumen Limit | | |
|------|-------------|--------|-----------|-------------------------|------|---------|
| | | | | B | U | G |
| FL | (0°-30°) | 243.5 | 4.7 | | | |
| FM | (30°-60°) | 1453.8 | 27.9 | | | |
| FH | (60°-80°) | 1625.9 | 31.2 | | | G1/1800 |
| FVH | (80°-90°) | 84.8 | 1.6 | | | G1/100 |
| BL | (0°-30°) | 241.3 | 4.6 | B1/500 | | |
| BM | (30°-60°) | 890.8 | 17.1 | B1/1000 | | |
| BH | (60°-80°) | 647.1 | 12.4 | B2/1000 | | G2/1000 |
| BVH | (80°-90°) | 18.5 | 0.4 | | | G1/100 |
| UL | (90°-100°) | 0.0 | 0.0 | | U0/0 | |
| UH | (100°-180°) | 0.0 | 0.0 | | U0/0 | |

BUG Rating: B2-U0-G2

Type III Short





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CATALOG NUMBER: AVM-E02-LED-E-U-T3-8030

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 561.0 | 561.0 | 561.0 | 561.0 | 561.0 | 561.0 | 561.0 | 561.0 | 561.0 | 561.0 | 561.0 |
| 2.5° | 563.2 | 565.5 | 563.2 | 563.8 | 564.3 | 563.8 | 563.2 | 563.2 | 561.5 | 562.7 | 563.8 |
| 5° | 561.0 | 562.7 | 562.1 | 562.7 | 563.2 | 562.7 | 562.1 | 562.7 | 561.5 | 562.1 | 563.8 |
| 7.5° | 558.2 | 557.6 | 558.2 | 559.3 | 560.4 | 560.4 | 560.4 | 561.0 | 560.4 | 560.4 | 562.1 |
| 10° | 549.7 | 550.3 | 551.4 | 553.1 | 553.7 | 555.3 | 555.3 | 557.0 | 557.6 | 558.7 | 561.0 |
| 12.5° | 539.0 | 539.6 | 540.7 | 541.8 | 544.7 | 547.5 | 547.5 | 551.4 | 553.1 | 555.9 | 559.8 |
| 15° | 531.2 | 531.7 | 532.8 | 534.0 | 536.2 | 539.0 | 540.7 | 545.2 | 548.0 | 553.1 | 558.7 |
| 17.5° | 535.7 | 535.1 | 536.2 | 536.8 | 536.8 | 539.0 | 539.0 | 542.4 | 545.8 | 550.3 | 557.6 |
| 20° | 548.6 | 548.6 | 549.7 | 549.7 | 549.2 | 550.3 | 548.0 | 548.0 | 548.6 | 550.8 | 555.9 |
| 22.5° | 561.5 | 561.0 | 563.2 | 564.3 | 564.9 | 566.6 | 564.3 | 563.8 | 561.0 | 559.3 | 561.0 |
| 25° | 573.9 | 573.4 | 576.2 | 577.9 | 580.7 | 582.4 | 582.4 | 582.4 | 580.1 | 577.3 | 575.6 |
| 27.5° | 593.0 | 593.0 | 595.9 | 597.5 | 599.8 | 603.2 | 604.9 | 604.9 | 605.4 | 601.5 | 598.7 |
| 30° | 625.1 | 625.7 | 626.2 | 628.5 | 630.7 | 631.9 | 634.1 | 635.8 | 637.5 | 635.2 | 630.7 |
| 32.5° | 663.4 | 660.0 | 660.0 | 663.4 | 666.2 | 669.6 | 670.7 | 672.9 | 676.3 | 674.6 | 674.1 |
| 35° | 709.0 | 707.8 | 706.7 | 707.8 | 711.2 | 715.1 | 719.6 | 723.6 | 721.3 | 724.7 | 723.0 |
| 37.5° | 776.5 | 777.6 | 778.2 | 778.2 | 777.6 | 778.7 | 781.0 | 784.9 | 783.8 | 784.9 | 787.2 |
| 40° | 887.9 | 883.9 | 880.0 | 880.6 | 874.9 | 876.1 | 867.1 | 871.0 | 871.6 | 867.6 | 869.3 |
| 42.5° | 999.3 | 1001.5 | 1003.2 | 1007.7 | 1003.8 | 1001.5 | 993.1 | 993.1 | 988.6 | 984.7 | 983.5 |
| 45° | 1119.7 | 1124.2 | 1124.8 | 1133.8 | 1130.4 | 1137.7 | 1143.9 | 1142.2 | 1134.9 | 1134.3 | 1126.4 |
| 47.5° | 1215.9 | 1223.2 | 1231.1 | 1241.8 | 1250.2 | 1266.5 | 1285.7 | 1295.2 | 1300.9 | 1305.4 | 1296.4 |
| 50° | 1287.9 | 1291.3 | 1311.6 | 1328.4 | 1347.0 | 1374.0 | 1400.5 | 1434.8 | 1462.4 | 1475.3 | 1487.7 |
| 52.5° | 1326.8 | 1335.2 | 1357.1 | 1383.6 | 1416.2 | 1456.7 | 1499.5 | 1554.1 | 1601.3 | 1632.8 | 1661.0 |
| 55° | 1335.2 | 1343.6 | 1368.4 | 1402.2 | 1446.6 | 1501.2 | 1562.5 | 1636.8 | 1707.7 | 1768.4 | 1827.5 |
| 57.5° | 1311.6 | 1321.1 | 1347.6 | 1386.4 | 1438.7 | 1505.1 | 1582.2 | 1679.5 | 1777.4 | 1875.9 | 1963.1 |
| 60° | 1268.2 | 1280.1 | 1304.2 | 1342.5 | 1400.5 | 1475.3 | 1567.6 | 1689.7 | 1827.0 | 1977.8 | 2144.9 |
| 62.5° | 1196.8 | 1209.2 | 1231.7 | 1273.9 | 1333.5 | 1416.2 | 1523.1 | 1675.0 | 1869.2 | 2106.6 | 2403.1 |
| 65° | 1082.0 | 1087.6 | 1115.2 | 1158.0 | 1210.8 | 1302.0 | 1419.6 | 1603.0 | 1855.7 | 2185.9 | 2594.4 |
| 66° | 1030.2 | 1039.8 | 1056.7 | 1091.0 | 1141.6 | 1227.2 | 1345.3 | 1531.6 | 1804.5 | 2158.4 | 2589.4 |
| 67.5° | 949.2 | 956.5 | 967.8 | 990.8 | 1021.8 | 1084.8 | 1196.8 | 1372.9 | 1648.0 | 2018.8 | 2481.9 |
| 70° | 767.5 | 770.8 | 786.0 | 793.9 | 804.6 | 825.4 | 865.9 | 967.2 | 1181.6 | 1529.9 | 2003.1 |
| 72.5° | 523.3 | 532.8 | 549.2 | 571.7 | 600.9 | 629.1 | 648.2 | 661.1 | 707.3 | 912.6 | 1334.6 |
| 75° | 383.7 | 393.9 | 414.7 | 444.5 | 495.7 | 554.2 | 615.0 | 643.1 | 624.0 | 597.5 | 743.3 |
| 77.5° | 222.8 | 236.3 | 253.8 | 282.5 | 329.7 | 407.4 | 511.5 | 603.7 | 666.2 | 670.1 | 636.4 |
| 80° | 94.0 | 95.7 | 106.3 | 121.0 | 150.2 | 204.8 | 285.8 | 418.6 | 557.0 | 650.4 | 672.4 |
| 82.5° | 21.4 | 26.4 | 33.8 | 39.9 | 49.0 | 67.5 | 100.2 | 166.5 | 301.0 | 472.1 | 615.6 |
| 85° | 7.9 | 7.9 | 10.7 | 15.8 | 18.0 | 20.3 | 26.4 | 42.2 | 72.0 | 132.8 | 276.8 |
| 87.5° | 0.0 | 0.6 | 1.1 | 1.1 | 2.3 | 2.8 | 4.5 | 6.2 | 5.6 | 5.1 | 16.9 |
| 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-E02-LED-E-U-T3-8030

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 67.5° | 70° | 75° | 80° | 85° | 90° | 95° | 100° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 561.0 | 561.0 | 561.0 | 561.0 | 561.0 | 561.0 | 561.0 | 561.0 | 561.0 | 561.0 | 561.0 |
| 2.5° | 562.7 | 562.1 | 561.0 | 561.0 | 561.0 | 561.0 | 559.8 | 560.4 | 559.3 | 559.8 | 559.8 |
| 5° | 562.1 | 562.1 | 561.5 | 560.4 | 561.0 | 561.0 | 561.5 | 560.4 | 560.4 | 561.0 | 560.4 |
| 7.5° | 562.1 | 561.5 | 561.5 | 561.5 | 562.1 | 561.5 | 562.1 | 562.1 | 562.1 | 562.7 | 562.7 |
| 10° | 562.1 | 562.1 | 563.2 | 563.8 | 563.8 | 564.3 | 566.0 | 566.0 | 566.6 | 567.2 | 568.3 |
| 12.5° | 562.7 | 564.9 | 566.6 | 568.3 | 568.8 | 570.0 | 572.8 | 572.8 | 573.9 | 575.6 | 576.2 |
| 15° | 563.2 | 566.6 | 570.0 | 571.1 | 572.2 | 574.5 | 577.3 | 578.4 | 580.1 | 581.8 | 582.9 |
| 17.5° | 562.7 | 567.2 | 571.1 | 572.8 | 574.5 | 577.3 | 580.7 | 581.8 | 584.0 | 586.3 | 588.5 |
| 20° | 562.1 | 568.3 | 574.5 | 576.7 | 579.0 | 582.9 | 587.4 | 590.2 | 592.5 | 595.9 | 598.1 |
| 22.5° | 565.5 | 572.8 | 581.2 | 584.6 | 588.5 | 593.6 | 599.8 | 603.2 | 606.0 | 609.4 | 611.0 |
| 25° | 576.2 | 581.8 | 591.9 | 597.5 | 602.6 | 611.0 | 619.5 | 623.4 | 626.8 | 629.6 | 630.2 |
| 27.5° | 594.2 | 595.9 | 608.2 | 615.6 | 622.9 | 636.4 | 646.5 | 649.3 | 655.5 | 657.8 | 657.2 |
| 30° | 623.4 | 620.6 | 630.7 | 642.0 | 652.7 | 671.3 | 683.6 | 690.9 | 696.6 | 696.6 | 692.1 |
| 32.5° | 665.6 | 661.1 | 663.9 | 676.9 | 689.3 | 716.3 | 730.9 | 740.5 | 744.4 | 743.3 | 733.7 |
| 35° | 720.8 | 718.0 | 716.3 | 726.4 | 746.1 | 777.6 | 796.7 | 801.8 | 808.0 | 806.9 | 794.5 |
| 37.5° | 786.0 | 783.8 | 783.8 | 795.6 | 814.7 | 861.4 | 882.3 | 885.6 | 885.1 | 876.1 | 853.0 |
| 40° | 863.1 | 862.0 | 856.9 | 863.7 | 880.0 | 940.8 | 968.9 | 973.4 | 967.2 | 952.6 | 925.6 |
| 42.5° | 974.0 | 967.2 | 951.5 | 955.4 | 967.8 | 1026.9 | 1063.4 | 1075.8 | 1069.6 | 1055.0 | 1011.1 |
| 45° | 1118.6 | 1111.3 | 1084.8 | 1081.4 | 1088.2 | 1140.0 | 1187.2 | 1190.0 | 1188.9 | 1170.3 | 1118.6 |
| 47.5° | 1288.5 | 1277.2 | 1249.1 | 1240.1 | 1237.9 | 1285.7 | 1331.3 | 1335.8 | 1332.9 | 1305.4 | 1236.2 |
| 50° | 1472.5 | 1456.2 | 1437.6 | 1431.4 | 1422.4 | 1456.7 | 1502.9 | 1503.4 | 1492.2 | 1453.9 | 1389.2 |
| 52.5° | 1668.9 | 1663.2 | 1659.8 | 1653.7 | 1649.7 | 1679.5 | 1707.7 | 1690.8 | 1673.9 | 1634.0 | 1577.7 |
| 55° | 1866.9 | 1890.0 | 1913.6 | 1915.9 | 1922.6 | 1954.7 | 1954.1 | 1908.0 | 1895.6 | 1873.7 | 1818.0 |
| 57.5° | 2077.3 | 2162.9 | 2237.1 | 2260.2 | 2282.7 | 2342.4 | 2336.7 | 2291.2 | 2275.4 | 2248.4 | 2202.3 |
| 60° | 2363.7 | 2594.4 | 2808.8 | 2860.0 | 2895.5 | 2966.9 | 2960.2 | 2889.8 | 2922.5 | 2920.2 | 2860.6 |
| 62.5° | 2764.9 | 3148.6 | 3469.9 | 3548.7 | 3573.5 | 3581.3 | 3538.6 | 3462.6 | 3494.7 | 3530.7 | 3347.3 |
| 65° | 3036.7 | 3487.9 | 3817.7 | 3878.4 | 3881.8 | 3787.8 | 3692.7 | 3603.3 | 3595.4 | 3564.5 | 3302.3 |
| 66° | 3042.9 | 3504.8 | 3835.7 | 3894.7 | 3873.9 | 3745.6 | 3625.2 | 3535.2 | 3496.4 | 3428.3 | 3156.5 |
| 67.5° | 2933.7 | 3399.6 | 3755.8 | 3818.2 | 3772.6 | 3590.9 | 3424.9 | 3309.0 | 3233.0 | 3122.8 | 2883.1 |
| 70° | 2463.9 | 2925.8 | 3364.7 | 3481.2 | 3495.8 | 3224.6 | 2994.5 | 2858.3 | 2755.9 | 2604.6 | 2398.1 |
| 72.5° | 1832.0 | 2249.5 | 2636.6 | 2748.0 | 2804.9 | 2588.2 | 2394.1 | 2290.6 | 2150.5 | 1991.3 | 1844.4 |
| 75° | 1148.4 | 1443.2 | 1702.6 | 1780.8 | 1727.4 | 1559.7 | 1443.2 | 1399.9 | 1262.0 | 1167.0 | 1100.0 |
| 77.5° | 656.6 | 748.9 | 769.7 | 739.9 | 676.9 | 518.2 | 368.5 | 272.9 | 236.9 | 262.2 | 289.2 |
| 80° | 640.9 | 587.4 | 468.1 | 411.9 | 373.0 | 256.6 | 150.8 | 103.5 | 86.1 | 88.3 | 95.7 |
| 82.5° | 694.3 | 745.0 | 613.3 | 500.2 | 419.7 | 283.6 | 156.4 | 83.3 | 56.3 | 66.4 | 74.8 |
| 85° | 451.3 | 627.9 | 565.5 | 476.6 | 386.0 | 242.5 | 128.8 | 43.3 | 28.7 | 37.7 | 51.8 |
| 87.5° | 45.6 | 50.1 | 42.8 | 58.0 | 43.3 | 20.3 | 10.1 | 6.2 | 5.6 | 6.8 | 10.1 |
| 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-E02-LED-E-U-T3-8030

CANDELA DISTRIBUTION (continued):

| | 105° | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° |
|-------|--------|--------|--------|--------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 561.0 | 561.0 | 561.0 | 561.0 | 561.0 | 561.0 | 561.0 | 561.0 | 561.0 | 561.0 | 561.0 |
| 2.5° | 560.4 | 560.4 | 561.0 | 561.5 | 562.1 | 562.7 | 562.7 | 562.7 | 562.7 | 563.8 | 563.2 |
| 5° | 561.5 | 562.7 | 563.8 | 564.3 | 565.5 | 565.5 | 567.2 | 566.6 | 566.6 | 568.3 | 568.8 |
| 7.5° | 563.8 | 565.5 | 567.7 | 567.2 | 569.4 | 568.8 | 570.0 | 570.0 | 568.3 | 568.8 | 567.7 |
| 10° | 568.8 | 571.1 | 572.2 | 570.5 | 571.1 | 568.8 | 568.3 | 565.5 | 562.1 | 560.4 | 558.2 |
| 12.5° | 577.3 | 579.5 | 579.5 | 576.7 | 573.4 | 568.3 | 564.3 | 558.2 | 553.1 | 550.3 | 547.5 |
| 15° | 584.6 | 586.9 | 586.3 | 581.8 | 576.7 | 568.8 | 563.2 | 555.9 | 548.6 | 544.1 | 541.3 |
| 17.5° | 590.2 | 591.4 | 589.7 | 583.5 | 577.9 | 570.5 | 564.9 | 557.0 | 548.6 | 543.0 | 537.9 |
| 20° | 598.7 | 597.5 | 593.6 | 585.7 | 579.5 | 572.8 | 568.3 | 561.5 | 552.0 | 544.7 | 537.3 |
| 22.5° | 611.0 | 606.5 | 599.2 | 590.8 | 584.6 | 578.4 | 573.9 | 566.6 | 557.0 | 548.0 | 539.6 |
| 25° | 627.4 | 618.4 | 608.2 | 599.2 | 593.6 | 586.9 | 581.8 | 573.9 | 563.8 | 553.7 | 543.5 |
| 27.5° | 651.0 | 635.2 | 622.3 | 614.4 | 608.2 | 599.8 | 593.6 | 583.5 | 572.8 | 561.0 | 549.7 |
| 30° | 677.4 | 656.1 | 643.7 | 637.5 | 630.7 | 621.7 | 612.2 | 599.2 | 586.9 | 573.9 | 560.4 |
| 32.5° | 711.8 | 685.9 | 674.1 | 667.9 | 658.9 | 647.6 | 636.4 | 621.7 | 604.3 | 587.4 | 571.1 |
| 35° | 756.8 | 730.3 | 718.0 | 708.4 | 696.0 | 681.4 | 665.1 | 645.4 | 621.7 | 599.2 | 578.4 |
| 37.5° | 805.2 | 776.5 | 764.7 | 754.5 | 736.0 | 716.8 | 693.8 | 665.1 | 633.0 | 603.2 | 577.3 |
| 40° | 866.5 | 840.1 | 824.9 | 807.4 | 785.5 | 752.3 | 716.3 | 674.6 | 633.6 | 597.0 | 566.6 |
| 42.5° | 944.1 | 917.7 | 895.2 | 867.6 | 829.4 | 778.2 | 727.0 | 672.9 | 623.4 | 581.8 | 549.2 |
| 45° | 1047.1 | 1015.0 | 976.2 | 927.8 | 865.9 | 794.5 | 727.5 | 662.3 | 604.3 | 558.2 | 523.3 |
| 47.5° | 1173.1 | 1124.2 | 1060.6 | 979.0 | 890.1 | 799.0 | 718.5 | 640.9 | 574.5 | 524.4 | 485.6 |
| 50° | 1322.8 | 1245.7 | 1141.1 | 1021.2 | 902.5 | 792.2 | 696.0 | 608.8 | 532.3 | 478.8 | 432.7 |
| 52.5° | 1493.9 | 1367.8 | 1213.7 | 1051.6 | 901.9 | 769.7 | 657.8 | 560.4 | 477.1 | 417.5 | 373.6 |
| 55° | 1694.7 | 1507.4 | 1288.5 | 1074.1 | 886.2 | 728.1 | 599.2 | 492.3 | 409.1 | 353.9 | 313.4 |
| 57.5° | 1989.0 | 1733.6 | 1419.0 | 1109.0 | 854.7 | 663.9 | 519.9 | 410.7 | 337.6 | 285.3 | 250.9 |
| 60° | 2526.9 | 2111.1 | 1654.2 | 1179.3 | 806.3 | 570.0 | 427.1 | 323.5 | 262.2 | 220.0 | 196.9 |
| 62.5° | 2932.0 | 2403.1 | 1781.4 | 1163.6 | 709.0 | 454.1 | 316.8 | 235.8 | 193.0 | 164.3 | 149.7 |
| 65° | 2874.1 | 2312.5 | 1645.8 | 1002.1 | 555.9 | 320.2 | 210.4 | 160.4 | 132.8 | 119.3 | 110.8 |
| 66° | 2743.0 | 2194.4 | 1528.2 | 901.9 | 480.5 | 266.1 | 173.3 | 134.5 | 114.2 | 104.7 | 99.0 |
| 67.5° | 2494.3 | 1974.9 | 1317.8 | 739.3 | 369.1 | 193.0 | 130.5 | 106.3 | 92.8 | 88.9 | 85.0 |
| 70° | 2073.4 | 1574.9 | 925.0 | 430.4 | 188.5 | 107.5 | 82.7 | 74.3 | 70.9 | 70.3 | 69.2 |
| 72.5° | 1589.0 | 1114.6 | 544.7 | 203.7 | 97.9 | 71.5 | 64.1 | 61.3 | 60.2 | 60.2 | 60.8 |
| 75° | 974.0 | 626.2 | 240.8 | 99.6 | 68.6 | 60.2 | 56.8 | 55.7 | 55.1 | 55.7 | 55.1 |
| 77.5° | 325.2 | 199.2 | 103.0 | 75.4 | 62.5 | 55.7 | 53.5 | 52.3 | 52.3 | 52.3 | 52.3 |
| 80° | 99.6 | 86.6 | 78.8 | 69.8 | 59.1 | 52.9 | 49.5 | 49.0 | 49.5 | 50.1 | 48.4 |
| 82.5° | 74.8 | 70.9 | 66.4 | 61.9 | 53.5 | 47.3 | 46.1 | 46.1 | 46.1 | 44.5 | 42.2 |
| 85° | 55.1 | 54.6 | 45.0 | 42.2 | 39.4 | 39.4 | 39.4 | 39.4 | 37.7 | 34.9 | 32.6 |
| 87.5° | 10.1 | 9.6 | 10.1 | 10.7 | 15.8 | 16.9 | 16.9 | 18.0 | 19.7 | 18.6 | 18.6 |
| 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: P155758

CATALOG NUMBER: AVM-E02-LED-E-U-T3-8030

CANDELA DISTRIBUTION (continued):

| | 160° | 165° | 170° | 175° | 180° |
|-------|-------|-------|-------|-------|-------|
| 0° | 561.0 | 561.0 | 561.0 | 561.0 | 561.0 |
| 2.5° | 563.2 | 562.7 | 564.3 | 563.2 | 563.8 |
| 5° | 568.3 | 567.7 | 568.8 | 567.7 | 569.4 |
| 7.5° | 566.6 | 565.5 | 564.9 | 565.5 | 566.0 |
| 10° | 554.8 | 553.7 | 553.1 | 552.5 | 553.1 |
| 12.5° | 544.7 | 542.4 | 542.4 | 541.3 | 541.8 |
| 15° | 537.3 | 535.7 | 535.1 | 534.0 | 534.5 |
| 17.5° | 534.0 | 531.2 | 530.0 | 528.9 | 528.9 |
| 20° | 531.7 | 528.3 | 526.7 | 525.5 | 525.0 |
| 22.5° | 531.7 | 526.7 | 524.4 | 523.3 | 522.7 |
| 25° | 534.0 | 527.8 | 524.4 | 522.7 | 522.1 |
| 27.5° | 538.5 | 530.6 | 526.7 | 524.4 | 524.4 |
| 30° | 546.3 | 536.2 | 530.6 | 527.8 | 527.2 |
| 32.5° | 554.2 | 540.7 | 532.8 | 529.5 | 528.3 |
| 35° | 558.2 | 540.7 | 531.2 | 525.5 | 524.4 |
| 37.5° | 553.7 | 533.4 | 521.6 | 513.1 | 511.5 |
| 40° | 539.6 | 518.2 | 505.3 | 497.4 | 496.3 |
| 42.5° | 521.0 | 500.2 | 485.0 | 479.4 | 477.7 |
| 45° | 495.7 | 470.9 | 455.8 | 447.9 | 448.4 |
| 47.5° | 452.4 | 427.1 | 413.6 | 406.2 | 407.4 |
| 50° | 401.2 | 376.4 | 364.6 | 356.7 | 358.4 |
| 52.5° | 344.9 | 322.4 | 311.2 | 307.2 | 306.1 |
| 55° | 285.8 | 268.4 | 260.5 | 256.0 | 254.3 |
| 57.5° | 231.8 | 219.4 | 213.8 | 208.2 | 208.7 |
| 60° | 182.9 | 176.7 | 175.0 | 168.8 | 168.2 |
| 62.5° | 144.0 | 140.1 | 138.4 | 133.9 | 134.5 |
| 65° | 109.2 | 108.0 | 109.2 | 106.3 | 107.5 |
| 66° | 98.5 | 99.0 | 99.0 | 97.3 | 98.5 |
| 67.5° | 85.0 | 86.1 | 87.8 | 86.1 | 87.2 |
| 70° | 70.3 | 71.5 | 72.6 | 72.6 | 72.6 |
| 72.5° | 61.3 | 62.5 | 63.0 | 63.0 | 63.0 |
| 75° | 56.3 | 56.8 | 57.4 | 56.3 | 56.3 |
| 77.5° | 52.9 | 52.9 | 51.8 | 51.2 | 50.6 |
| 80° | 47.8 | 47.3 | 45.6 | 44.5 | 44.5 |
| 82.5° | 39.9 | 38.8 | 37.7 | 36.0 | 36.0 |
| 85° | 30.4 | 29.3 | 28.1 | 25.9 | 24.8 |
| 87.5° | 15.8 | 16.3 | 15.8 | 12.9 | 11.3 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

(END OF REPORT)