

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: P149169

Luminaire Tested: **AVS-E01-LED-E-U-RW-7030**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P149169
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (P33677)
Test Lab: INNOVATION CENTER-P3
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: AVS-E01-LED-E-U-RW-7030
Description: VISION SITE SMALL LED LUMINAIRE
(1) LIGHTBARS WITH AccuLED OPTICS - RECTANGULAR WIDE
Light Source: (21) 3000K CCT, 70 CRI LEDs
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 2853.3 lumens
Efficiency: N/A
Efficacy: 115.5 lumens/watt
Luminous Opening: Rectangular (W 0.17' x L: 1' x H: 0')
IES Classification: Type V - Medium - Full Cutoff
BUG Rating: B2 - U0 - G1

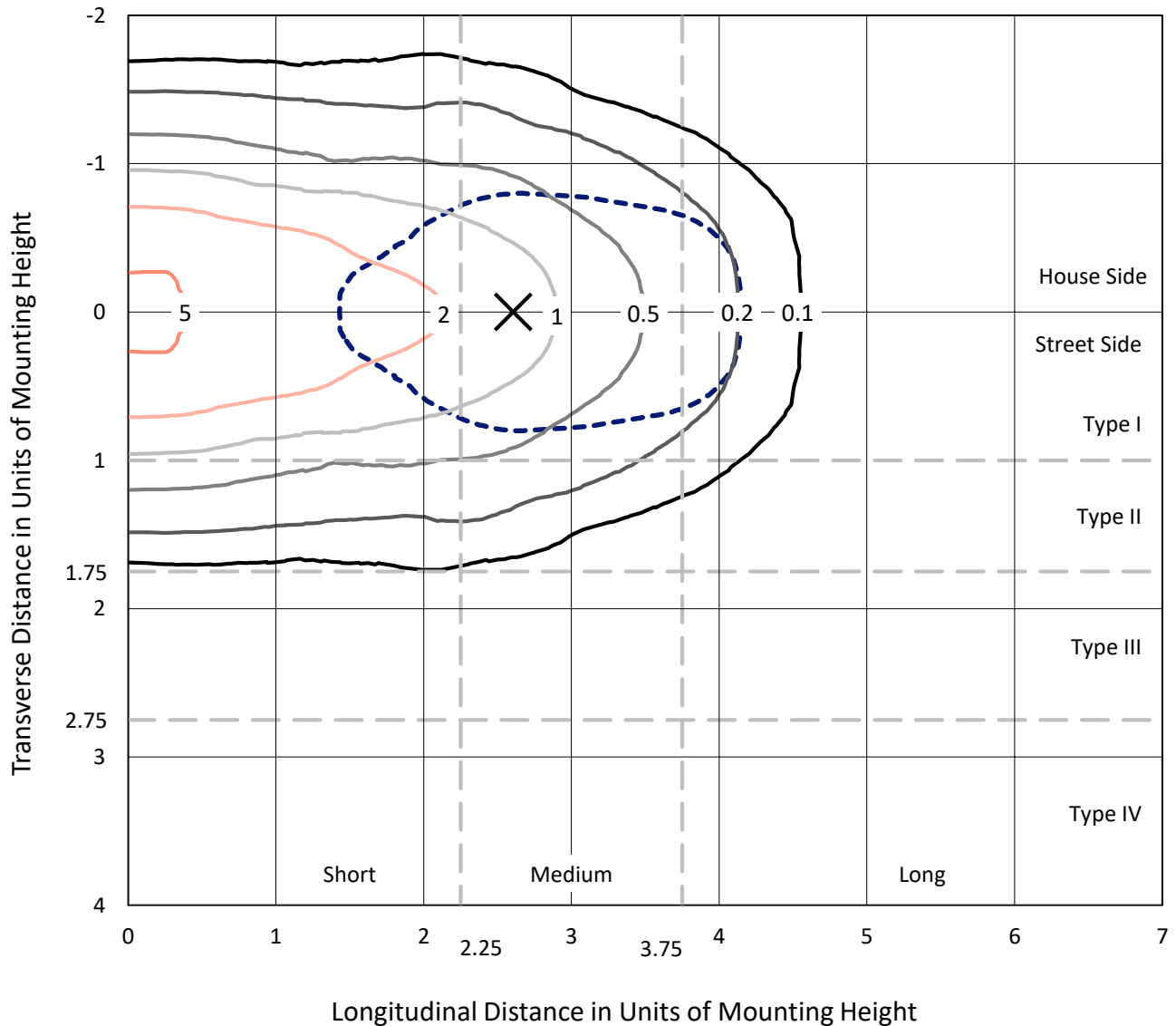
Input Watts (W): 24.7
Input Voltage (V): NR
Input Current (A_{in}): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



REPORT NUMBER: P149169
 CATALOG NUMBER: AVS-E01-LED-E-U-RW-7030

Iso-Footcandle Lines of Horizontal Illumination

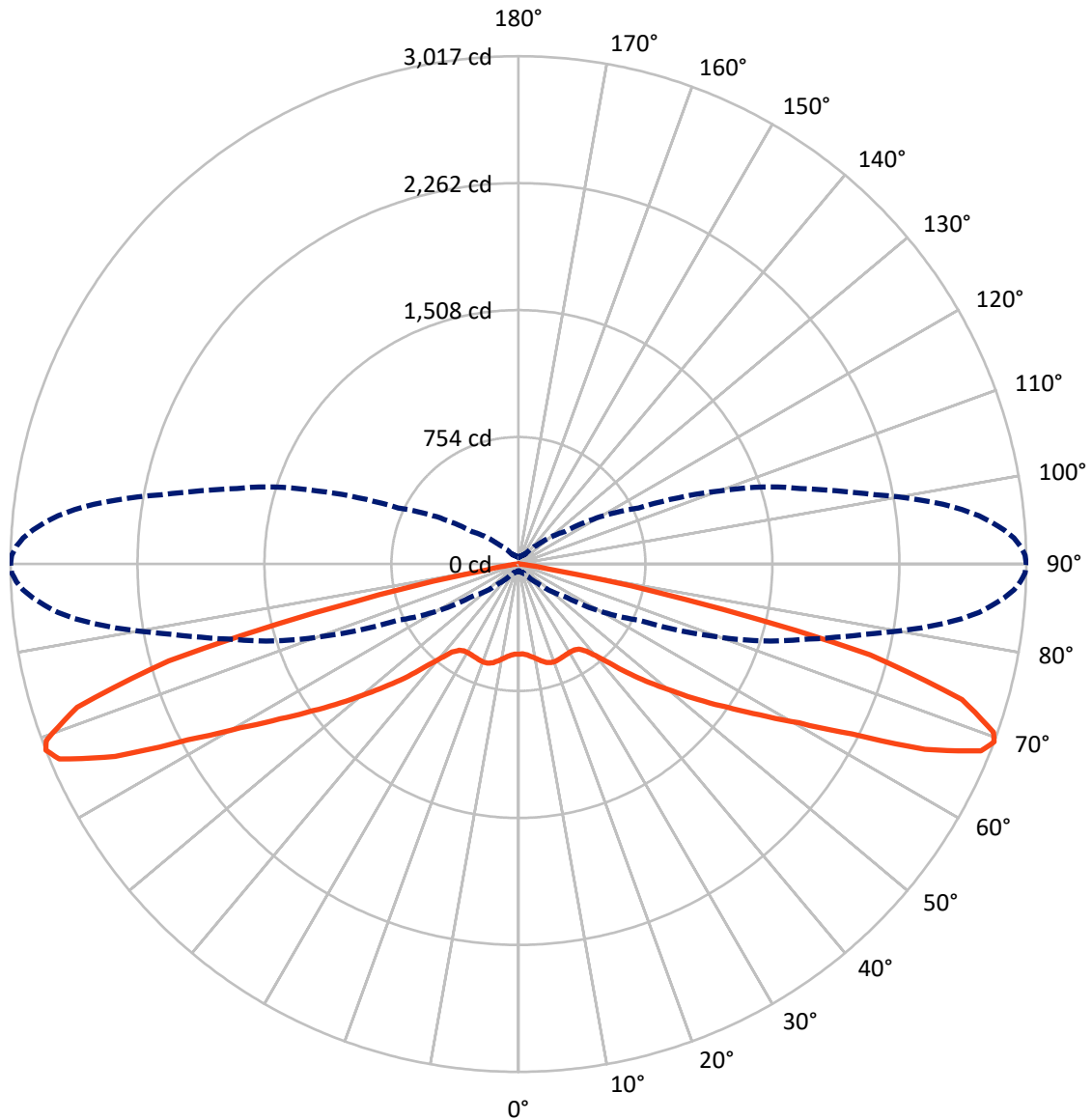
× Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 5.5 fc
 Type V - Medium - Full Cutoff

REPORT NUMBER: P149169
CATALOG NUMBER: AVS-E01-LED-E-U-RW-7030

Luminous Intensity Polar Plot



— Vertical Plane Through 90-Deg Lateral - - - Horizontal Cone Through 69-Deg Vertical

REPORT NUMBER: P149169

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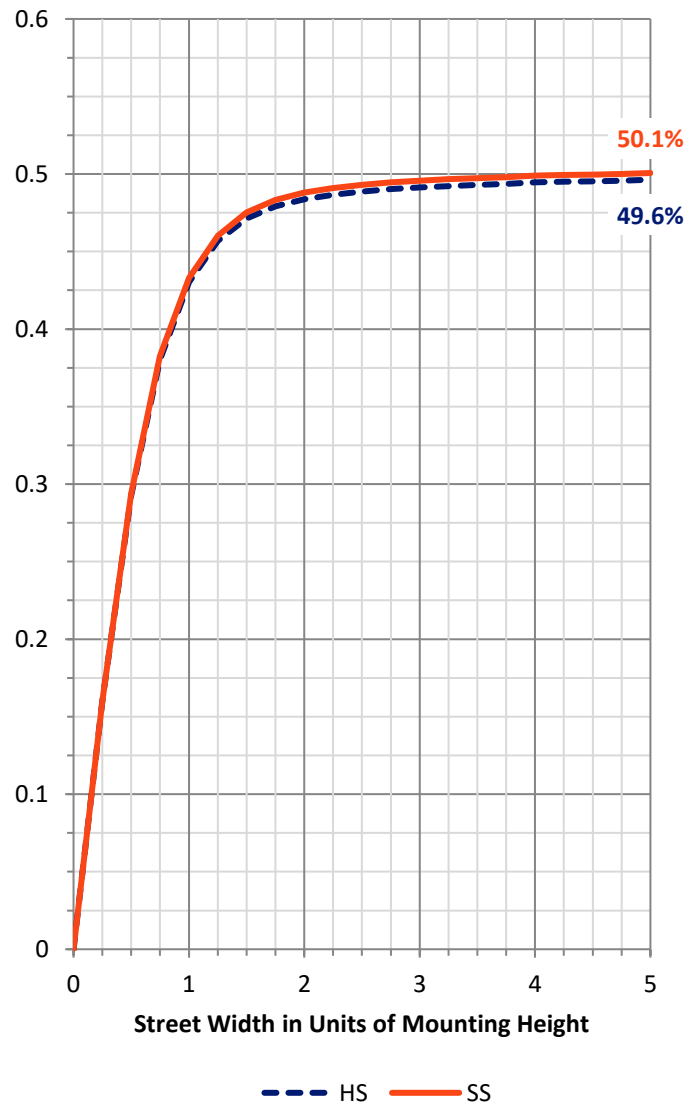
FLUX DISTRIBUTION:

| | | Downward | Upward | Total |
|--------------------|-----------|----------|--------|--------|
| House Side | Lumens | 1426.6 | 0.0 | 1426.6 |
| | % Fixture | 50.0 | 0.0 | 50.0 |
| Street Side | Lumens | 1426.6 | 0.0 | 1426.6 |
| | % Fixture | 50.0 | 0.0 | 50.0 |
| Total | Lumens | 2853.3 | 0.0 | 2853.3 |
| | % Fixture | 100.0 | 0.0 | 100.0 |

Coefficient of Utilization

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 52.4 | 1.8 |
| 10°-20° | 165.4 | 5.8 |
| 20°-30° | 268.0 | 9.4 |
| 30°-40° | 334.0 | 11.7 |
| 40°-50° | 417.4 | 14.6 |
| 50°-60° | 515.4 | 18.1 |
| 60°-70° | 640.4 | 22.4 |
| 70°-80° | 425.1 | 14.9 |
| 80°-90° | 35.1 | 1.2 |
| 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° | 2853.3 | 100.0 |
| 0°-180° | 2853.3 | 100.0 |



REPORT NUMBER: P149169

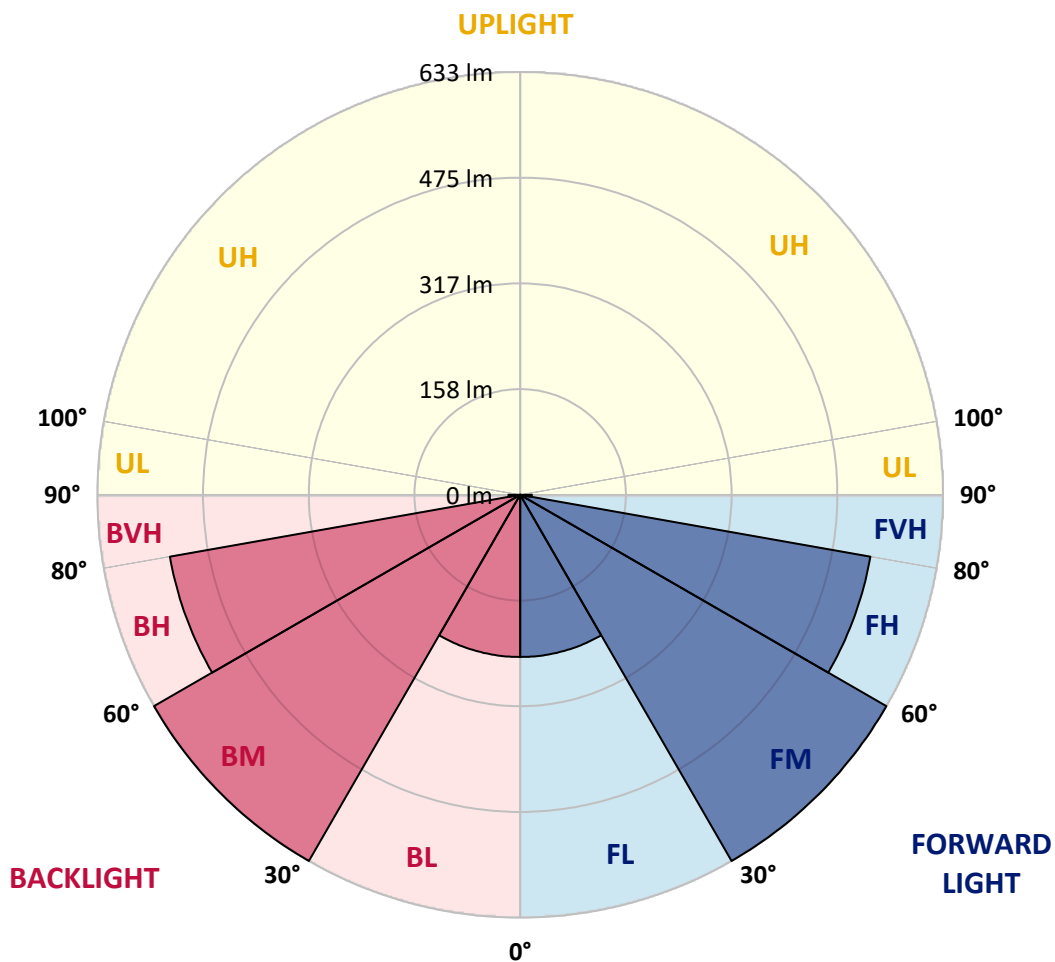
CATALOG NUMBER: AVS-E01-LED-E-U-RW-7030

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

| Zone | | Lumens | % Fixture | Zone Rating/Lumen Limit | | |
|------|-------------|--------|-----------|-------------------------|------|--------|
| | | | | B | U | G |
| FL | (0°-30°) | 242.9 | 8.5 | | | |
| FM | (30°-60°) | 633.4 | 22.2 | | | |
| FH | (60°-80°) | 532.8 | 18.7 | | | G0/660 |
| FVH | (80°-90°) | 17.5 | 0.6 | | | G1/100 |
| BL | (0°-30°) | 242.9 | 8.5 | B1/500 | | |
| BM | (30°-60°) | 633.4 | 22.2 | B1/1000 | | |
| BH | (60°-80°) | 532.8 | 18.7 | B2/1000 | | G0/660 |
| BVH | (80°-90°) | 17.5 | 0.6 | | | G1/100 |
| UL | (90°-100°) | 0.0 | 0.0 | | U0/0 | |
| UH | (100°-180°) | 0.0 | 0.0 | | U0/0 | |

BUG Rating: B2-U0-G1

Type V Medium





REPORT NUMBER: P149169

CATALOG NUMBER: AVS-E01-LED-E-U-RW-7030

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 15° | 25° | 35° | 45° | 55° | 65° | 66° | 67° | 68° |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--------|
| 0° | 534.6 | 534.6 | 534.6 | 534.6 | 534.6 | 534.6 | 534.6 | 534.6 | 534.6 | 534.6 | 534.6 |
| 2.5° | 537.1 | 537.5 | 537.2 | 537.8 | 537.7 | 537.7 | 537.3 | 536.7 | 536.6 | 536.6 | 536.5 |
| 5° | 542.2 | 541.7 | 542.6 | 543.5 | 543.2 | 543.2 | 543.2 | 543.2 | 543.1 | 543.0 | 543.0 |
| 7.5° | 547.7 | 547.6 | 548.1 | 550.6 | 551.0 | 551.8 | 552.8 | 553.7 | 553.7 | 553.7 | 553.8 |
| 10° | 552.4 | 552.6 | 554.1 | 557.7 | 559.4 | 562.3 | 565.2 | 567.5 | 567.7 | 567.8 | 568.0 |
| 12.5° | 556.2 | 556.4 | 558.7 | 564.2 | 568.6 | 574.0 | 580.2 | 583.8 | 584.1 | 584.4 | 584.7 |
| 15° | 556.6 | 557.0 | 561.0 | 570.0 | 578.8 | 587.8 | 595.2 | 599.9 | 600.1 | 600.4 | 600.6 |
| 17.5° | 552.6 | 552.9 | 559.6 | 572.8 | 587.6 | 601.6 | 609.4 | 611.5 | 611.6 | 611.7 | 611.8 |
| 20° | 542.2 | 543.0 | 552.4 | 572.0 | 594.6 | 612.8 | 620.9 | 618.0 | 617.8 | 617.5 | 617.2 |
| 22.5° | 525.5 | 525.2 | 537.7 | 564.2 | 596.0 | 621.7 | 628.8 | 621.2 | 620.4 | 619.5 | 618.6 |
| 25° | 498.4 | 500.2 | 514.7 | 546.4 | 588.2 | 623.6 | 634.4 | 623.0 | 621.6 | 620.3 | 619.0 |
| 27.5° | 469.0 | 470.0 | 485.4 | 519.4 | 570.0 | 616.8 | 637.2 | 626.3 | 624.9 | 623.4 | 622.0 |
| 30° | 434.8 | 436.1 | 452.6 | 488.0 | 541.0 | 599.1 | 636.4 | 633.8 | 632.1 | 630.4 | 628.8 |
| 32.5° | 401.3 | 402.8 | 417.5 | 456.4 | 510.4 | 575.0 | 632.0 | 644.7 | 642.9 | 641.2 | 639.4 |
| 35° | 366.5 | 368.8 | 386.8 | 426.1 | 480.9 | 548.0 | 625.0 | 658.5 | 657.5 | 656.6 | 655.6 |
| 37.5° | 337.8 | 338.2 | 355.6 | 396.8 | 453.5 | 522.3 | 615.6 | 676.0 | 676.7 | 677.4 | 678.1 |
| 40° | 305.7 | 308.6 | 325.9 | 369.4 | 428.6 | 500.5 | 606.8 | 699.8 | 703.4 | 707.1 | 710.7 |
| 42.5° | 276.9 | 277.2 | 294.9 | 339.8 | 401.8 | 483.0 | 601.9 | 728.4 | 736.2 | 744.0 | 751.8 |
| 45° | 246.6 | 247.8 | 263.8 | 307.2 | 370.7 | 462.4 | 601.8 | 761.4 | 773.9 | 786.3 | 798.7 |
| 47.5° | 218.0 | 218.4 | 235.4 | 275.7 | 335.0 | 433.4 | 600.7 | 796.9 | 813.8 | 830.7 | 847.7 |
| 50° | 190.6 | 190.2 | 206.8 | 245.6 | 299.9 | 395.5 | 591.3 | 837.1 | 858.5 | 879.8 | 901.2 |
| 52.5° | 159.2 | 161.4 | 178.5 | 215.7 | 268.0 | 356.9 | 564.3 | 881.1 | 906.6 | 932.2 | 957.7 |
| 55° | 128.4 | 129.4 | 147.8 | 182.5 | 235.5 | 321.0 | 517.2 | 921.6 | 951.7 | 981.8 | 1011.9 |
| 57.5° | 94.6 | 97.4 | 113.6 | 147.8 | 202.6 | 290.8 | 457.2 | 942.6 | 979.2 | 1015.8 | 1052.5 |
| 60° | 66.8 | 68.9 | 83.2 | 112.0 | 166.6 | 258.9 | 405.6 | 930.8 | 978.5 | 1026.1 | 1073.7 |
| 62.5° | 52.1 | 53.7 | 65.2 | 83.8 | 129.8 | 227.1 | 368.5 | 893.0 | 957.7 | 1022.5 | 1087.3 |
| 65° | 45.7 | 47.2 | 57.5 | 67.2 | 96.9 | 194.7 | 348.3 | 852.9 | 938.6 | 1024.2 | 1109.8 |
| 67.5° | 41.3 | 43.1 | 52.0 | 58.8 | 79.1 | 169.9 | 343.0 | 827.6 | 924.6 | 1021.6 | 1118.6 |
| 69° | 39.3 | 41.2 | 49.2 | 54.8 | 73.4 | 161.0 | 333.8 | 787.8 | 884.3 | 980.8 | 1077.2 |
| 70° | 38.0 | 39.6 | 47.0 | 52.8 | 71.6 | 155.0 | 318.6 | 738.3 | 833.0 | 927.7 | 1022.4 |
| 72.5° | 35.4 | 36.1 | 42.6 | 48.2 | 66.4 | 125.3 | 245.0 | 548.4 | 630.4 | 712.5 | 794.6 |
| 75° | 31.2 | 32.1 | 38.2 | 43.7 | 51.8 | 77.8 | 155.1 | 339.2 | 400.4 | 461.7 | 523.0 |
| 77.5° | 27.0 | 27.6 | 33.0 | 41.7 | 40.2 | 48.6 | 92.7 | 188.8 | 224.3 | 259.8 | 295.4 |
| 80° | 21.6 | 22.6 | 27.2 | 41.4 | 33.2 | 37.8 | 66.6 | 132.0 | 141.6 | 151.2 | 160.8 |
| 82.5° | 15.8 | 16.5 | 21.3 | 33.6 | 25.4 | 28.5 | 50.8 | 111.9 | 115.2 | 118.6 | 121.9 |
| 85° | 8.0 | 8.2 | 13.6 | 20.4 | 16.1 | 14.8 | 28.6 | 76.6 | 78.7 | 80.8 | 82.9 |
| 87.5° | 1.4 | 1.4 | 3.0 | 3.5 | 4.0 | 2.4 | 3.6 | 13.0 | 13.5 | 13.9 | 14.3 |
| 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: P149169

CATALOG NUMBER: AVS-E01-LED-E-U-RW-7030

CANDELA DISTRIBUTION (continued):

| | 69° | 70° | 71° | 72° | 73° | 74° | 75° | 76° | 77° | 78° | 79° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 534.6 | 534.6 | 534.6 | 534.6 | 534.6 | 534.6 | 534.6 | 534.6 | 534.6 | 534.6 | 534.6 |
| 2.5° | 536.4 | 536.4 | 536.1 | 536.2 | 536.4 | 536.2 | 536.4 | 536.5 | 536.7 | 536.0 | 535.9 |
| 5° | 542.9 | 542.8 | 542.8 | 542.8 | 542.9 | 542.8 | 543.0 | 543.2 | 543.1 | 542.8 | 542.8 |
| 7.5° | 553.8 | 553.8 | 554.0 | 553.8 | 554.1 | 554.0 | 553.6 | 554.1 | 554.5 | 554.5 | 554.9 |
| 10° | 568.2 | 568.3 | 568.8 | 568.8 | 569.3 | 569.2 | 569.3 | 569.8 | 570.2 | 570.3 | 570.6 |
| 12.5° | 585.0 | 585.3 | 585.6 | 585.8 | 586.4 | 586.1 | 586.8 | 587.1 | 587.6 | 588.5 | 588.0 |
| 15° | 600.9 | 601.1 | 602.0 | 602.0 | 602.6 | 602.7 | 603.4 | 603.7 | 603.8 | 604.6 | 604.7 |
| 17.5° | 611.8 | 611.9 | 612.2 | 612.1 | 612.5 | 612.4 | 612.8 | 613.1 | 613.5 | 613.9 | 614.6 |
| 20° | 616.9 | 616.6 | 616.4 | 616.3 | 616.0 | 615.5 | 615.6 | 615.8 | 615.9 | 616.2 | 616.7 |
| 22.5° | 617.7 | 616.8 | 615.8 | 615.2 | 614.3 | 613.5 | 612.8 | 612.8 | 612.9 | 612.7 | 613.1 |
| 25° | 617.8 | 616.4 | 615.0 | 613.2 | 611.9 | 610.2 | 608.8 | 608.6 | 608.2 | 608.2 | 608.4 |
| 27.5° | 620.5 | 619.1 | 617.0 | 615.0 | 612.2 | 609.9 | 607.5 | 606.7 | 605.9 | 605.4 | 605.2 |
| 30° | 627.1 | 625.4 | 623.0 | 620.4 | 617.4 | 613.8 | 610.4 | 609.4 | 608.2 | 607.2 | 606.3 |
| 32.5° | 637.7 | 636.0 | 633.3 | 630.6 | 626.6 | 623.0 | 619.7 | 618.0 | 616.4 | 614.5 | 612.8 |
| 35° | 654.7 | 653.7 | 651.4 | 649.0 | 646.1 | 643.2 | 640.3 | 638.3 | 635.5 | 634.1 | 632.1 |
| 37.5° | 678.8 | 679.5 | 679.5 | 679.9 | 678.9 | 677.5 | 675.4 | 673.4 | 672.6 | 668.8 | 666.3 |
| 40° | 714.3 | 718.0 | 721.3 | 723.9 | 726.1 | 728.4 | 730.4 | 729.2 | 729.6 | 728.6 | 727.1 |
| 42.5° | 759.5 | 767.3 | 774.4 | 781.6 | 786.7 | 794.7 | 800.2 | 802.0 | 806.5 | 808.3 | 811.6 |
| 45° | 811.1 | 823.6 | 835.5 | 846.5 | 856.8 | 868.2 | 879.4 | 887.8 | 896.8 | 907.1 | 917.3 |
| 47.5° | 864.6 | 881.5 | 899.1 | 913.4 | 928.3 | 945.3 | 960.0 | 972.6 | 988.9 | 1004.0 | 1020.6 |
| 50° | 922.5 | 943.9 | 963.8 | 981.6 | 1000.7 | 1020.2 | 1040.6 | 1059.0 | 1081.0 | 1105.2 | 1131.3 |
| 52.5° | 983.3 | 1008.8 | 1032.0 | 1054.2 | 1076.6 | 1099.0 | 1120.6 | 1146.7 | 1173.9 | 1205.8 | 1238.4 |
| 55° | 1042.0 | 1072.2 | 1098.4 | 1123.2 | 1148.8 | 1173.9 | 1196.2 | 1230.9 | 1264.3 | 1302.4 | 1345.1 |
| 57.5° | 1089.1 | 1125.8 | 1156.1 | 1185.5 | 1214.4 | 1241.1 | 1268.5 | 1307.7 | 1350.2 | 1394.7 | 1448.8 |
| 60° | 1121.3 | 1168.9 | 1207.6 | 1243.0 | 1278.4 | 1312.0 | 1343.6 | 1394.7 | 1445.3 | 1500.7 | 1568.0 |
| 62.5° | 1152.1 | 1216.9 | 1267.4 | 1315.6 | 1363.5 | 1406.5 | 1445.7 | 1510.1 | 1576.2 | 1644.6 | 1724.7 |
| 65° | 1195.5 | 1281.2 | 1355.5 | 1422.7 | 1488.9 | 1552.1 | 1610.8 | 1692.4 | 1775.9 | 1865.9 | 1961.5 |
| 67.5° | 1215.6 | 1312.6 | 1409.4 | 1500.0 | 1584.2 | 1664.3 | 1739.6 | 1838.3 | 1936.5 | 2040.8 | 2156.4 |
| 69° | 1173.6 | 1270.1 | 1373.5 | 1472.5 | 1565.5 | 1650.5 | 1732.0 | 1832.8 | 1934.9 | 2041.4 | 2158.0 |
| 70° | 1117.1 | 1211.8 | 1316.3 | 1419.7 | 1508.6 | 1597.1 | 1681.6 | 1781.6 | 1885.0 | 1991.9 | 2113.9 |
| 72.5° | 876.7 | 958.8 | 1060.7 | 1161.0 | 1250.3 | 1339.1 | 1421.2 | 1523.5 | 1627.6 | 1739.8 | 1855.3 |
| 75° | 584.3 | 645.6 | 721.5 | 814.6 | 896.4 | 975.0 | 1054.5 | 1141.0 | 1242.6 | 1335.1 | 1440.8 |
| 77.5° | 330.9 | 366.5 | 410.6 | 471.1 | 529.8 | 576.8 | 633.6 | 674.3 | 733.2 | 784.1 | 837.9 |
| 80° | 170.3 | 179.9 | 193.1 | 207.6 | 215.9 | 214.6 | 223.0 | 214.7 | 216.5 | 209.7 | 202.4 |
| 82.5° | 125.2 | 128.5 | 134.5 | 137.4 | 137.1 | 127.5 | 117.4 | 103.2 | 90.8 | 77.7 | 65.8 |
| 85° | 85.1 | 87.2 | 88.7 | 90.9 | 90.3 | 86.2 | 77.1 | 64.7 | 52.8 | 42.4 | 33.9 |
| 87.5° | 14.7 | 15.1 | 15.0 | 16.3 | 16.4 | 15.2 | 12.5 | 10.7 | 9.0 | 6.7 | 4.7 |
| 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: P149169

CATALOG NUMBER: AVS-E01-LED-E-U-RW-7030

CANDELA DISTRIBUTION (continued):

| | 80° | 81° | 82° | 83° | 84° | 85° | 86° | 87° | 88° | 89° | 90° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 534.6 | 534.6 | 534.6 | 534.6 | 534.6 | 534.6 | 534.6 | 534.6 | 534.6 | 534.6 | 534.6 |
| 2.5° | 535.8 | 535.8 | 536.1 | 535.8 | 535.8 | 535.8 | 535.7 | 536.0 | 535.9 | 535.4 | 534.9 |
| 5° | 542.8 | 542.4 | 542.2 | 542.6 | 542.8 | 542.2 | 542.7 | 543.1 | 542.4 | 542.5 | 542.2 |
| 7.5° | 554.6 | 554.4 | 554.2 | 554.6 | 554.5 | 554.4 | 554.6 | 554.1 | 553.8 | 554.2 | 554.7 |
| 10° | 570.2 | 570.1 | 570.4 | 570.4 | 571.0 | 570.6 | 570.5 | 571.0 | 570.6 | 570.4 | 570.6 |
| 12.5° | 588.7 | 588.2 | 588.9 | 588.9 | 589.4 | 589.4 | 589.3 | 589.4 | 589.3 | 588.8 | 588.5 |
| 15° | 605.1 | 604.4 | 604.6 | 605.8 | 605.7 | 606.0 | 606.0 | 605.7 | 605.6 | 605.4 | 605.6 |
| 17.5° | 615.0 | 614.7 | 614.7 | 615.3 | 615.8 | 615.6 | 615.6 | 615.6 | 615.4 | 615.6 | 615.9 |
| 20° | 616.8 | 616.8 | 617.0 | 617.6 | 618.4 | 617.9 | 617.9 | 618.2 | 617.8 | 618.2 | 618.3 |
| 22.5° | 613.3 | 613.7 | 614.0 | 614.8 | 614.9 | 614.9 | 614.8 | 615.0 | 615.3 | 615.3 | 615.6 |
| 25° | 608.4 | 608.8 | 609.2 | 609.8 | 610.4 | 610.4 | 610.4 | 610.7 | 610.8 | 610.8 | 611.0 |
| 27.5° | 604.8 | 605.1 | 605.6 | 606.2 | 607.0 | 607.0 | 607.0 | 607.2 | 607.2 | 607.4 | 607.7 |
| 30° | 605.2 | 604.6 | 605.0 | 605.4 | 605.8 | 605.8 | 605.7 | 605.8 | 606.0 | 606.0 | 606.1 |
| 32.5° | 611.8 | 610.4 | 610.0 | 609.8 | 610.0 | 609.4 | 609.4 | 609.1 | 608.8 | 608.8 | 608.6 |
| 35° | 629.2 | 627.0 | 626.9 | 625.6 | 624.4 | 623.2 | 623.4 | 622.4 | 622.8 | 622.0 | 621.3 |
| 37.5° | 664.8 | 662.3 | 663.9 | 661.2 | 659.6 | 658.4 | 657.0 | 655.2 | 654.1 | 655.5 | 655.4 |
| 40° | 728.6 | 726.9 | 726.4 | 726.9 | 725.4 | 726.2 | 722.8 | 721.9 | 719.9 | 721.2 | 723.1 |
| 42.5° | 816.7 | 815.6 | 821.4 | 822.5 | 823.2 | 824.0 | 824.6 | 819.6 | 819.4 | 818.4 | 815.3 |
| 45° | 925.5 | 932.0 | 931.6 | 938.6 | 938.9 | 936.8 | 937.7 | 935.4 | 934.5 | 931.2 | 935.2 |
| 47.5° | 1037.4 | 1049.6 | 1054.2 | 1055.7 | 1061.4 | 1062.8 | 1057.4 | 1055.6 | 1058.7 | 1053.2 | 1054.0 |
| 50° | 1157.6 | 1170.6 | 1181.3 | 1188.4 | 1192.5 | 1192.8 | 1188.7 | 1187.8 | 1190.6 | 1180.4 | 1185.2 |
| 52.5° | 1275.6 | 1295.4 | 1315.6 | 1326.2 | 1333.8 | 1334.4 | 1337.6 | 1333.8 | 1335.3 | 1332.9 | 1337.7 |
| 55° | 1392.2 | 1426.4 | 1449.9 | 1470.8 | 1484.0 | 1495.4 | 1496.5 | 1500.6 | 1500.9 | 1506.0 | 1500.9 |
| 57.5° | 1505.9 | 1543.2 | 1584.4 | 1621.4 | 1642.0 | 1654.8 | 1667.0 | 1683.6 | 1687.3 | 1685.3 | 1688.5 |
| 60° | 1640.4 | 1698.0 | 1754.0 | 1796.6 | 1832.0 | 1866.0 | 1884.2 | 1910.3 | 1914.4 | 1925.6 | 1915.9 |
| 62.5° | 1810.2 | 1894.0 | 1969.8 | 2027.2 | 2081.1 | 2133.9 | 2173.8 | 2193.9 | 2206.0 | 2229.6 | 2221.9 |
| 65° | 2070.8 | 2171.4 | 2271.6 | 2353.8 | 2429.3 | 2492.2 | 2552.8 | 2581.8 | 2613.7 | 2647.2 | 2653.3 |
| 67.5° | 2285.5 | 2409.9 | 2523.0 | 2623.2 | 2714.6 | 2784.6 | 2847.5 | 2897.6 | 2936.5 | 2961.2 | 2963.2 |
| 69° | 2295.3 | 2424.4 | 2547.3 | 2654.8 | 2750.2 | 2824.5 | 2890.9 | 2946.6 | 2984.5 | 3009.8 | 3016.5 |
| 70° | 2248.6 | 2381.0 | 2511.9 | 2620.4 | 2718.1 | 2794.0 | 2864.4 | 2917.6 | 2959.9 | 2985.6 | 2994.6 |
| 72.5° | 1986.7 | 2127.9 | 2267.8 | 2363.0 | 2462.9 | 2553.2 | 2609.6 | 2663.8 | 2723.5 | 2731.2 | 2755.9 |
| 75° | 1566.1 | 1684.8 | 1793.3 | 1866.2 | 1949.6 | 2030.7 | 2086.0 | 2100.2 | 2131.4 | 2170.8 | 2156.7 |
| 77.5° | 907.6 | 944.1 | 1014.2 | 1032.1 | 1016.9 | 1052.2 | 1063.8 | 1039.0 | 1037.7 | 1060.8 | 1015.0 |
| 80° | 201.1 | 189.6 | 204.0 | 193.4 | 193.6 | 194.0 | 190.7 | 189.5 | 191.8 | 189.6 | 186.3 |
| 82.5° | 55.8 | 53.8 | 54.2 | 53.6 | 54.6 | 53.9 | 53.4 | 54.6 | 54.5 | 54.4 | 55.4 |
| 85° | 26.8 | 26.4 | 26.0 | 25.8 | 25.2 | 24.5 | 23.2 | 23.2 | 23.9 | 23.0 | 23.4 |
| 87.5° | 3.4 | 3.4 | 3.3 | 3.9 | 3.4 | 2.8 | 2.8 | 2.8 | 2.8 | 2.8 | 2.7 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

(END OF REPORT)