

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: P151987

Luminaire Tested: **AVM-F03-LED-E-U-SL4-HSS-7060**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P151987  
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: AVM-F03-LED-E-U-SL4-HSS-7060  
Description: VISION SITE MEDIUM LED LUMINAIRE  
(3) LIGHTBARS WITH AccuLED OPTICS - TYPE 4 W/ SPILL LIGHT CONTROL AND HOUSE SIDE SHIELD  
Light Source: (21) 5700K CCT, 70 CRI LEDs  
Ballast/Driver: -

**Summary**

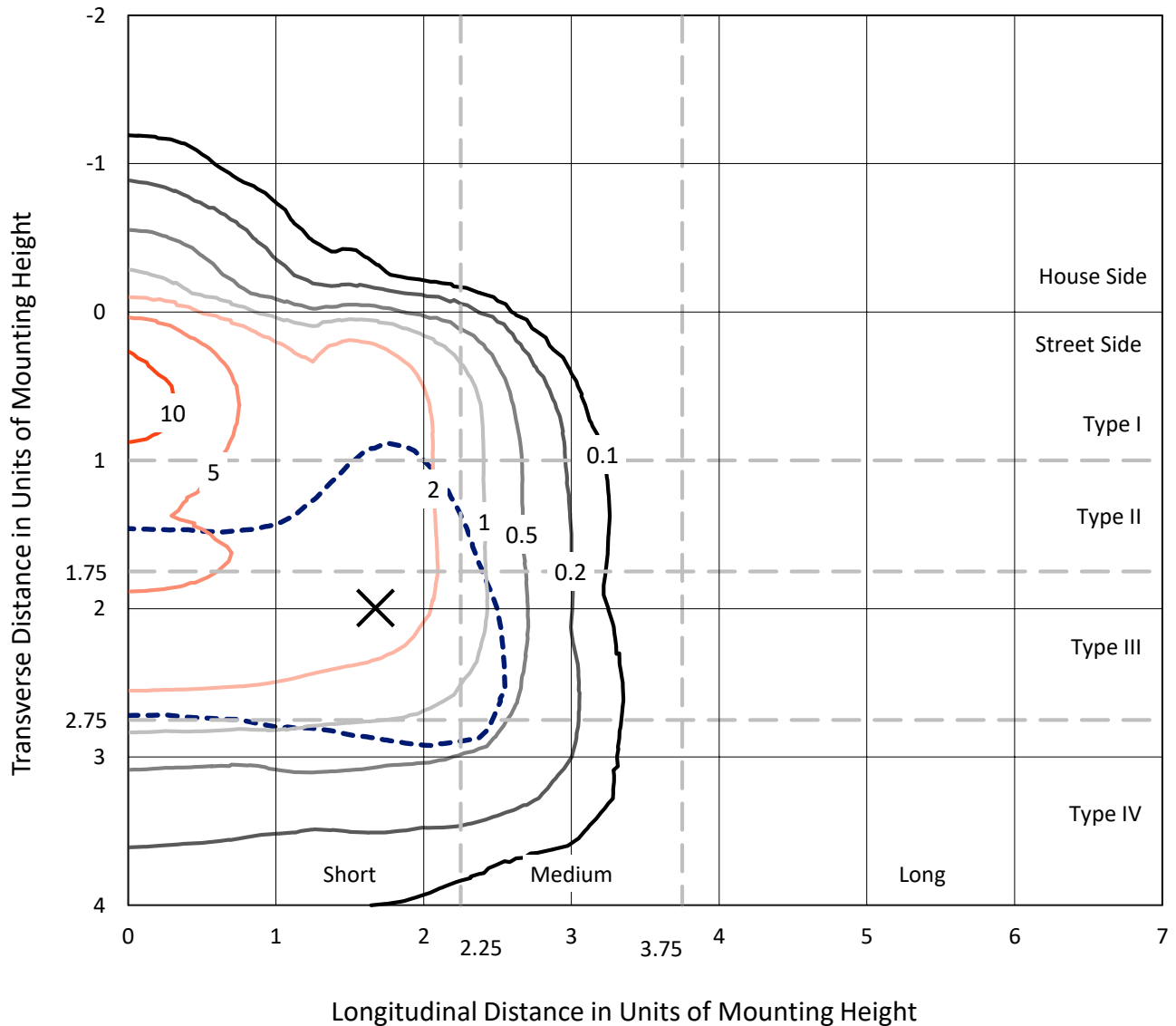
Lumens per Lamp: N/A  
Luminaire Lumens: 5170.9 lumens  
Efficiency: N/A  
Efficacy: 66.0 lumens/watt  
Luminous Opening: Rectangular (W 0.5' x L: 1' x H: 0')  
IES Classification: Type IV - Short - Semi-Cutoff  
BUG Rating: B0 - U0 - G2  
  
Input Watts (W): 78.3  
Input Voltage (V): NR  
Input Current (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



REPORT NUMBER: P151987  
 CATALOG NUMBER: AVM-F03-LED-E-U-SL4-HSS-7060

### Iso-Footcandle Lines of Horizontal Illumination

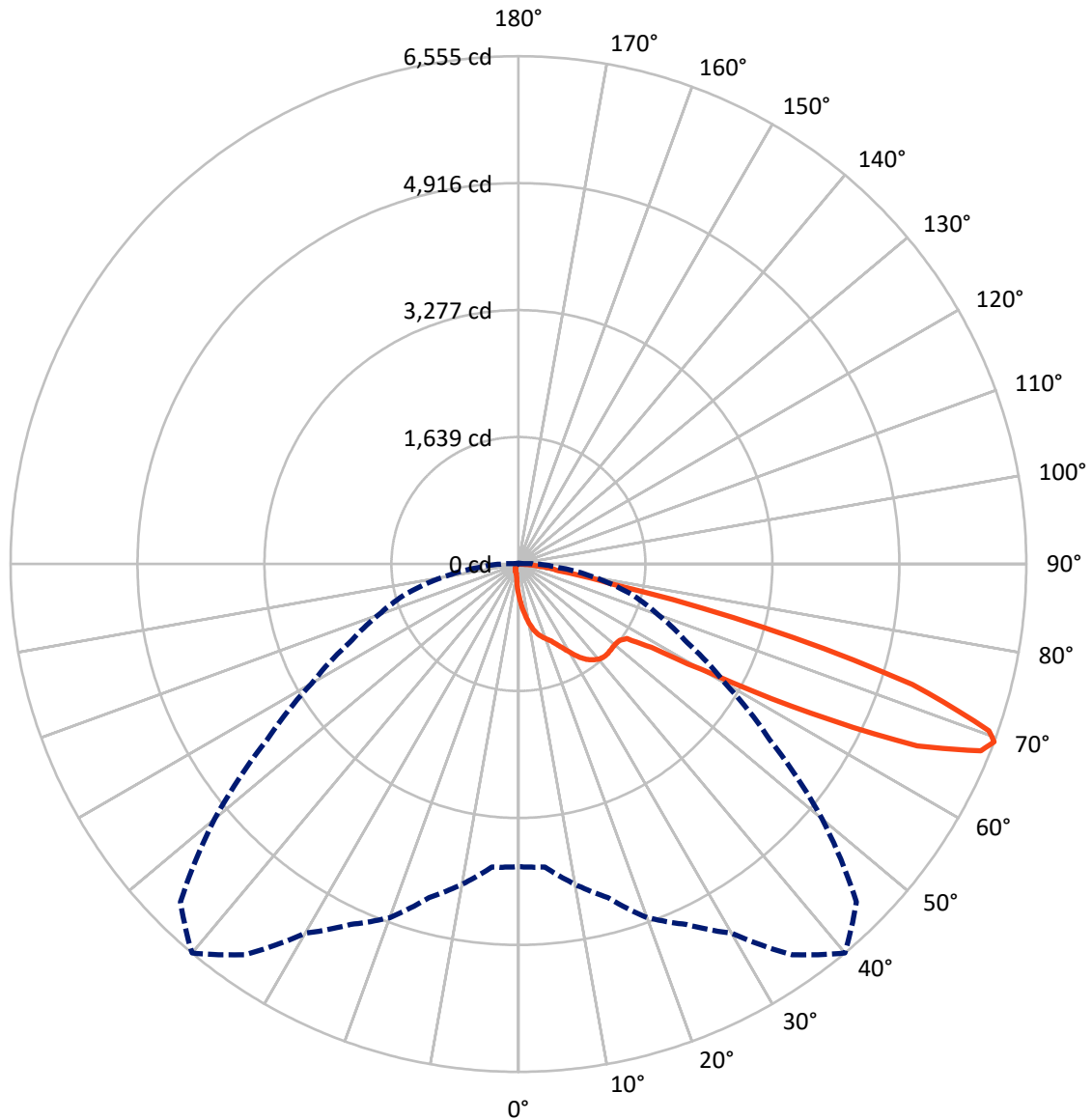
✕ Max cd  
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 11.6 fc  
 Type IV - Short - Semi-Cutoff

REPORT NUMBER: P151987  
CATALOG NUMBER: AVM-F03-LED-E-U-SL4-HSS-7060

### Luminous Intensity Polar Plot



— Vertical Plane Through 40-Deg Lateral    - - - Horizontal Cone Through 69-Deg Vertical



REPORT NUMBER: P151987

CATALOG NUMBER: AVM-F03-LED-E-U-SL4-HSS-7060

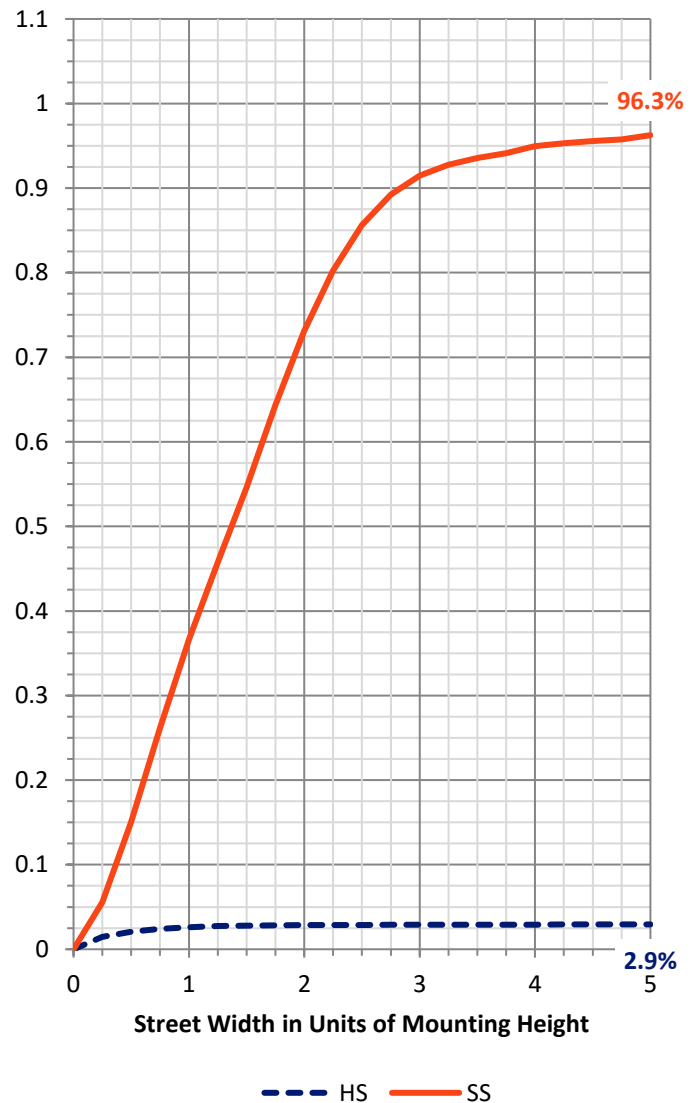
**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total  |
|--------------------|-----------|----------|--------|--------|
| <b>House Side</b>  | Lumens    | 154.0    | 0.0    | 154.0  |
|                    | % Fixture | 3.0      | 0.0    | 3.0    |
| <b>Street Side</b> | Lumens    | 5016.9   | 0.0    | 5016.9 |
|                    | % Fixture | 97.0     | 0.0    | 97.0   |
| <b>Total</b>       | Lumens    | 5170.9   | 0.0    | 5170.9 |
|                    | % Fixture | 100.0    | 0.0    | 100.0  |

**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 40.1   | 0.8       |
| 10°-20°   | 138.4  | 2.7       |
| 20°-30°   | 264.9  | 5.1       |
| 30°-40°   | 440.5  | 8.5       |
| 40°-50°   | 596.0  | 11.5      |
| 50°-60°   | 932.1  | 18.0      |
| 60°-70°   | 1916.4 | 37.1      |
| 70°-80°   | 771.1  | 14.9      |
| 80°-90°   | 71.3   | 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°    | 5170.9 | 100.0     |
| 0°-180°   | 5170.9 | 100.0     |

**Coefficient of Utilization**



REPORT NUMBER: P151987

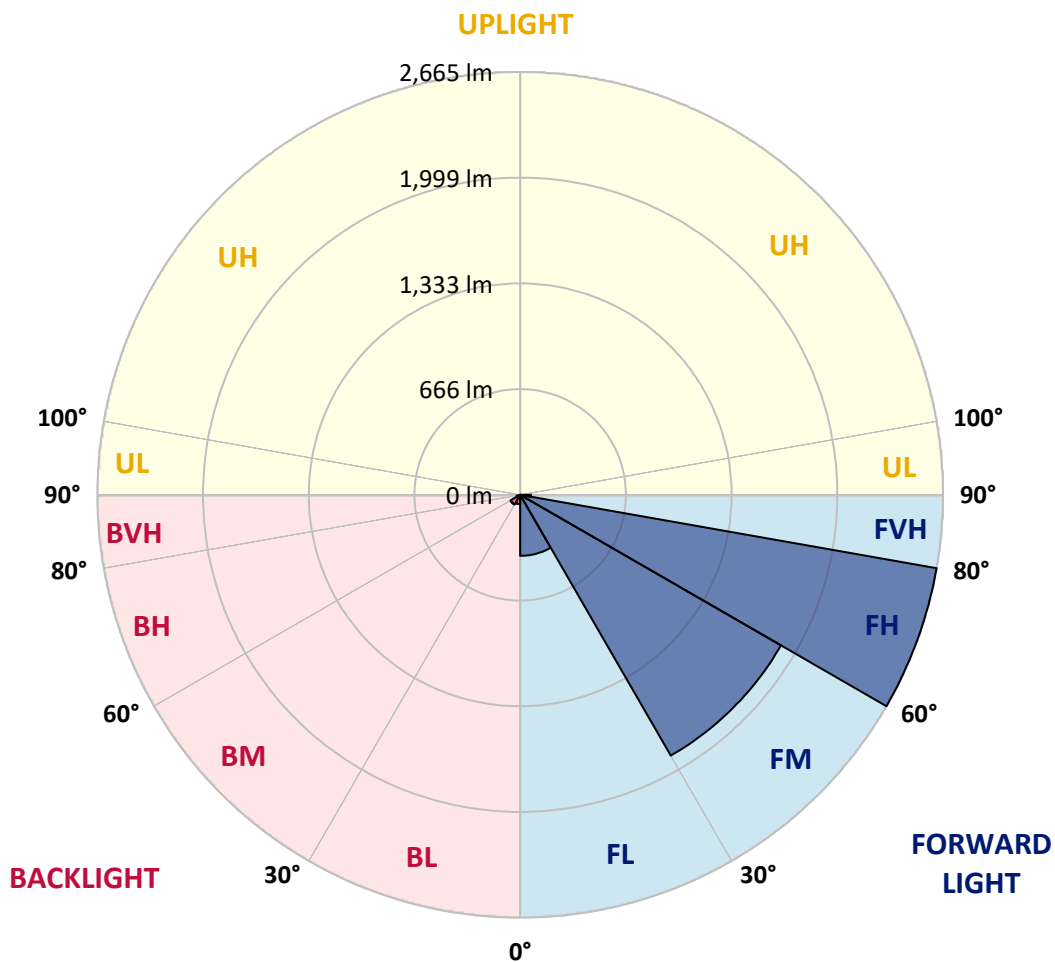
CATALOG NUMBER: AVM-F03-LED-E-U-SL4-HSS-7060

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

| Zone |             | Lumens | % Fixture | Zone Rating/Lumen Limit |      |         |
|------|-------------|--------|-----------|-------------------------|------|---------|
|      |             |        |           | B                       | U    | G       |
| FL   | (0°-30°)    | 384.8  | 7.4       |                         |      |         |
| FM   | (30°-60°)   | 1898.3 | 36.7      |                         |      |         |
| FH   | (60°-80°)   | 2665.1 | 51.5      |                         |      | G2/5000 |
| FVH  | (80°-90°)   | 68.7   | 1.3       |                         |      | G1/100  |
| BL   | (0°-30°)    | 58.6   | 1.1       | B0/110                  |      |         |
| BM   | (30°-60°)   | 70.3   | 1.4       | B0/220                  |      |         |
| BH   | (60°-80°)   | 22.5   | 0.4       | B0/110                  |      | G0/110  |
| BVH  | (80°-90°)   | 2.6    | 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-G2**

Type IV Short





REPORT NUMBER: P151987

CATALOG NUMBER: AVM-F03-LED-E-U-SL4-HSS-7060

**CANDELA DISTRIBUTION (FULL):**

|       | 0°     | 5°     | 10°    | 15°    | 20°    | 25°    | 30°    | 35°    | 40°    | 45°    | 50°    |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 390.5  | 390.5  | 390.5  | 390.5  | 390.5  | 390.5  | 390.5  | 390.5  | 390.5  | 390.5  | 390.5  |
| 2.5°  | 521.0  | 515.0  | 508.2  | 508.2  | 499.8  | 499.8  | 494.7  | 481.1  | 479.4  | 471.8  | 464.2  |
| 5°    | 665.0  | 659.9  | 651.4  | 643.8  | 637.0  | 625.1  | 616.7  | 600.6  | 582.8  | 565.8  | 550.6  |
| 7.5°  | 805.6  | 803.0  | 787.8  | 785.2  | 774.2  | 754.7  | 737.8  | 714.1  | 683.6  | 659.9  | 631.9  |
| 10°   | 936.0  | 930.1  | 926.7  | 912.3  | 896.2  | 875.0  | 848.8  | 820.0  | 784.4  | 747.1  | 707.3  |
| 12.5° | 1039.4 | 1036.0 | 1020.7 | 1014.8 | 997.9  | 976.7  | 943.6  | 906.4  | 870.8  | 822.5  | 775.9  |
| 15°   | 1116.4 | 1110.5 | 1100.4 | 1091.0 | 1070.7 | 1052.1 | 1021.6 | 980.9  | 937.7  | 885.2  | 829.3  |
| 17.5° | 1180.8 | 1169.8 | 1167.3 | 1152.9 | 1131.7 | 1109.7 | 1075.8 | 1038.5 | 987.7  | 935.2  | 874.2  |
| 20°   | 1267.2 | 1252.0 | 1246.9 | 1225.7 | 1201.2 | 1170.7 | 1131.7 | 1085.1 | 1031.7 | 974.1  | 911.5  |
| 22.5° | 1368.9 | 1357.9 | 1346.9 | 1328.2 | 1296.9 | 1253.7 | 1196.9 | 1146.1 | 1078.3 | 1014.8 | 947.0  |
| 25°   | 1512.9 | 1503.6 | 1485.8 | 1460.4 | 1421.4 | 1369.7 | 1301.1 | 1226.6 | 1146.9 | 1065.6 | 986.0  |
| 27.5° | 1652.6 | 1644.2 | 1631.5 | 1612.0 | 1567.9 | 1511.2 | 1426.5 | 1331.6 | 1230.8 | 1132.5 | 1044.4 |
| 30°   | 1783.9 | 1776.3 | 1763.6 | 1744.1 | 1705.2 | 1649.3 | 1553.5 | 1451.9 | 1326.5 | 1212.2 | 1106.3 |
| 32.5° | 1925.4 | 1922.9 | 1908.5 | 1880.5 | 1846.6 | 1771.2 | 1667.0 | 1557.8 | 1430.7 | 1298.6 | 1174.9 |
| 35°   | 2085.5 | 2066.0 | 2052.5 | 2024.5 | 1966.9 | 1886.4 | 1764.5 | 1645.0 | 1511.2 | 1375.7 | 1237.6 |
| 37.5° | 2221.0 | 2202.4 | 2185.5 | 2149.9 | 2079.6 | 1977.1 | 1839.0 | 1707.7 | 1569.6 | 1431.6 | 1290.9 |
| 40°   | 2320.1 | 2310.8 | 2290.5 | 2243.9 | 2165.1 | 2043.1 | 1894.1 | 1750.9 | 1612.0 | 1473.1 | 1334.1 |
| 42.5° | 2393.8 | 2379.4 | 2356.6 | 2308.3 | 2215.1 | 2076.2 | 1916.1 | 1768.7 | 1631.5 | 1498.5 | 1362.1 |
| 45°   | 2420.9 | 2409.1 | 2387.9 | 2335.4 | 2234.6 | 2085.5 | 1915.2 | 1763.6 | 1632.3 | 1506.1 | 1380.7 |
| 47.5° | 2404.8 | 2393.0 | 2374.4 | 2325.2 | 2226.1 | 2074.5 | 1900.0 | 1749.2 | 1623.8 | 1508.6 | 1397.7 |
| 50°   | 2351.5 | 2344.7 | 2330.3 | 2288.8 | 2199.9 | 2053.3 | 1886.4 | 1741.6 | 1622.1 | 1521.3 | 1421.4 |
| 52.5° | 2346.4 | 2342.2 | 2324.4 | 2282.9 | 2192.2 | 2046.5 | 1884.7 | 1745.8 | 1636.6 | 1537.4 | 1438.3 |
| 55°   | 2867.4 | 2807.2 | 2672.5 | 2558.2 | 2370.1 | 2146.5 | 1970.3 | 1814.4 | 1697.5 | 1601.0 | 1531.5 |
| 57.5° | 4075.3 | 3985.5 | 3808.5 | 3590.8 | 3158.7 | 2734.4 | 2394.7 | 2149.0 | 2027.9 | 1983.9 | 2010.1 |
| 60°   | 4641.1 | 4625.0 | 4597.1 | 4493.7 | 4272.6 | 3907.6 | 3501.0 | 3061.3 | 2885.1 | 2869.9 | 2923.3 |
| 62.5° | 4909.7 | 4899.5 | 4908.0 | 4895.2 | 4826.6 | 4719.9 | 4603.0 | 4413.3 | 4238.8 | 4126.1 | 3887.2 |
| 65°   | 5033.3 | 5040.1 | 5088.4 | 5126.5 | 5135.0 | 5162.9 | 5248.5 | 5484.8 | 5657.6 | 5367.1 | 4703.8 |
| 67.5° | 4719.1 | 4758.9 | 4869.8 | 5008.8 | 5171.4 | 5329.0 | 5583.1 | 6081.2 | 6436.1 | 6094.7 | 5152.8 |
| 69°   | 3906.7 | 3926.2 | 4197.3 | 4459.0 | 4856.3 | 5134.1 | 5502.6 | 6155.7 | 6554.7 | 6169.3 | 5117.2 |
| 70°   | 3075.7 | 3093.5 | 3384.1 | 3739.8 | 4411.6 | 4769.0 | 5251.0 | 6029.5 | 6443.7 | 6070.1 | 4934.2 |
| 72.5° | 1387.5 | 1362.1 | 1464.6 | 1655.2 | 2385.4 | 2952.9 | 3795.7 | 4885.1 | 5316.2 | 4863.1 | 3691.6 |
| 75°   | 969.1  | 958.0  | 969.1  | 969.9  | 1083.4 | 1397.7 | 1763.6 | 2648.0 | 3274.8 | 2825.8 | 1763.6 |
| 77.5° | 750.5  | 742.9  | 735.3  | 726.8  | 740.3  | 829.3  | 864.9  | 939.4  | 1219.8 | 1153.7 | 672.6  |
| 80°   | 593.8  | 587.0  | 605.7  | 599.7  | 599.7  | 609.9  | 603.1  | 575.2  | 522.6  | 484.5  | 433.7  |
| 82.5° | 276.1  | 277.8  | 277.8  | 301.6  | 363.4  | 424.4  | 443.9  | 415.9  | 369.3  | 314.3  | 253.3  |
| 85°   | 26.3   | 29.6   | 50.0   | 77.1   | 153.3  | 172.8  | 173.7  | 144.0  | 144.0  | 113.5  | 91.5   |
| 87.5° | 0.0    | 0.8    | 0.8    | 0.8    | 7.6    | 21.2   | 17.8   | 5.1    | 2.5    | 2.5    | 4.2    |
| 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: P151987

CATALOG NUMBER: AVM-F03-LED-E-U-SL4-HSS-7060

**CANDELA DISTRIBUTION (continued):**

|       | 55°    | 60°    | 65°    | 70°    | 75°    | 80°    | 85°    | 90°   | 95°   | 100°  | 105°  |
|-------|--------|--------|--------|--------|--------|--------|--------|-------|-------|-------|-------|
| 0°    | 390.5  | 390.5  | 390.5  | 390.5  | 390.5  | 390.5  | 390.5  | 390.5 | 390.5 | 390.5 | 390.5 |
| 2.5°  | 450.6  | 448.1  | 437.9  | 427.8  | 418.5  | 408.3  | 399.0  | 389.7 | 379.5 | 371.9 | 362.5 |
| 5°    | 526.9  | 508.2  | 487.1  | 466.7  | 446.4  | 425.2  | 403.2  | 383.7 | 363.4 | 344.8 | 327.0 |
| 7.5°  | 604.0  | 567.5  | 538.7  | 502.3  | 469.3  | 436.2  | 405.7  | 374.4 | 345.6 | 318.5 | 293.1 |
| 10°   | 669.2  | 625.1  | 580.2  | 533.7  | 486.2  | 442.2  | 399.8  | 362.5 | 324.4 | 291.4 | 260.1 |
| 12.5° | 722.6  | 666.6  | 611.6  | 553.1  | 499.8  | 443.9  | 391.3  | 346.5 | 301.6 | 264.3 | 232.1 |
| 15°   | 770.8  | 706.5  | 640.4  | 572.6  | 504.9  | 441.3  | 382.9  | 327.0 | 281.2 | 238.9 | 202.5 |
| 17.5° | 809.8  | 736.1  | 661.6  | 585.3  | 512.5  | 437.9  | 371.9  | 313.4 | 260.1 | 216.0 | 180.4 |
| 20°   | 843.7  | 766.6  | 686.1  | 600.6  | 517.6  | 437.1  | 362.5  | 296.5 | 241.4 | 194.8 | 160.1 |
| 22.5° | 875.0  | 797.9  | 711.5  | 620.1  | 525.2  | 436.2  | 354.1  | 283.8 | 225.3 | 178.7 | 144.0 |
| 25°   | 910.6  | 829.3  | 738.6  | 640.4  | 538.7  | 439.6  | 349.0  | 273.6 | 210.9 | 163.5 | 131.3 |
| 27.5° | 950.4  | 864.9  | 770.8  | 665.8  | 556.5  | 446.4  | 347.3  | 262.6 | 198.2 | 149.1 | 121.1 |
| 30°   | 1006.3 | 907.2  | 803.0  | 691.2  | 572.6  | 454.0  | 345.6  | 255.8 | 185.5 | 138.1 | 111.0 |
| 32.5° | 1055.5 | 948.7  | 838.6  | 717.5  | 590.4  | 461.7  | 344.8  | 246.5 | 173.7 | 127.1 | 103.3 |
| 35°   | 1107.1 | 986.8  | 869.1  | 742.9  | 605.7  | 470.1  | 343.9  | 239.7 | 162.6 | 116.0 | 95.7  |
| 37.5° | 1152.0 | 1019.0 | 892.8  | 764.9  | 622.6  | 477.8  | 344.8  | 233.8 | 152.5 | 106.7 | 88.9  |
| 40°   | 1190.1 | 1052.1 | 919.1  | 785.2  | 640.4  | 489.6  | 345.6  | 227.9 | 142.3 | 98.3  | 83.0  |
| 42.5° | 1224.0 | 1083.4 | 947.0  | 808.1  | 660.7  | 503.2  | 350.7  | 222.8 | 133.8 | 90.6  | 77.1  |
| 45°   | 1250.3 | 1112.2 | 977.5  | 840.3  | 693.8  | 525.2  | 360.0  | 219.4 | 125.4 | 83.9  | 72.0  |
| 47.5° | 1277.4 | 1154.6 | 1029.2 | 891.1  | 742.0  | 559.9  | 376.1  | 218.5 | 118.6 | 78.8  | 67.8  |
| 50°   | 1314.7 | 1196.9 | 1074.9 | 942.8  | 786.1  | 595.5  | 395.6  | 219.4 | 110.1 | 73.7  | 63.5  |
| 52.5° | 1341.8 | 1240.1 | 1134.2 | 1032.6 | 891.1  | 703.9  | 471.0  | 234.6 | 105.9 | 69.5  | 58.4  |
| 55°   | 1501.9 | 1484.1 | 1486.6 | 1503.6 | 1394.3 | 1197.8 | 787.8  | 338.8 | 124.5 | 78.8  | 57.6  |
| 57.5° | 2117.7 | 2180.4 | 2216.8 | 2215.9 | 2035.5 | 1688.2 | 1058.0 | 435.4 | 138.9 | 91.5  | 68.6  |
| 60°   | 2927.5 | 2880.1 | 2813.1 | 2648.0 | 2408.2 | 1927.1 | 1183.4 | 468.4 | 120.3 | 72.8  | 62.7  |
| 62.5° | 3643.3 | 3365.4 | 3118.9 | 2851.3 | 2537.0 | 2010.1 | 1208.8 | 465.9 | 105.0 | 55.1  | 44.0  |
| 65°   | 4089.7 | 3589.9 | 3191.8 | 2856.3 | 2486.2 | 1940.7 | 1143.6 | 427.8 | 88.9  | 44.9  | 36.4  |
| 67.5° | 4196.4 | 3468.8 | 2905.5 | 2477.7 | 2077.0 | 1510.3 | 839.5  | 321.9 | 69.5  | 37.3  | 32.2  |
| 69°   | 3963.5 | 3083.4 | 2407.4 | 1922.0 | 1511.2 | 1002.1 | 519.3  | 203.3 | 53.4  | 33.9  | 29.6  |
| 70°   | 3645.8 | 2681.8 | 1961.0 | 1542.5 | 1119.0 | 703.9  | 363.4  | 143.2 | 43.2  | 31.3  | 27.1  |
| 72.5° | 2345.6 | 1408.7 | 964.0  | 670.9  | 461.7  | 280.4  | 142.3  | 64.4  | 33.0  | 26.3  | 22.0  |
| 75°   | 909.8  | 521.0  | 377.8  | 287.2  | 224.5  | 155.9  | 86.4   | 41.5  | 28.0  | 22.0  | 16.9  |
| 77.5° | 448.1  | 343.1  | 280.4  | 192.3  | 111.8  | 69.5   | 46.6   | 32.2  | 22.9  | 16.1  | 11.0  |
| 80°   | 354.1  | 235.5  | 140.6  | 87.2   | 66.1   | 50.0   | 35.6   | 26.3  | 16.9  | 10.2  | 7.6   |
| 82.5° | 181.3  | 99.1   | 72.8   | 59.3   | 49.1   | 39.0   | 28.8   | 18.6  | 11.0  | 6.8   | 5.9   |
| 85°   | 56.8   | 41.5   | 37.3   | 36.4   | 33.9   | 28.0   | 20.3   | 11.9  | 6.8   | 4.2   | 4.2   |
| 87.5° | 4.2    | 5.9    | 7.6    | 5.9    | 6.8    | 5.9    | 7.6    | 5.1   | 3.4   | 3.4   | 2.5   |
| 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: P151987

CATALOG NUMBER: AVM-F03-LED-E-U-SL4-HSS-7060

**CANDELA DISTRIBUTION (continued):**

|       | 110°  | 115°  | 120°  | 125°  | 130°  | 135°  | 140°  | 145°  | 150°  | 155°  | 160°  |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°    | 390.5 | 390.5 | 390.5 | 390.5 | 390.5 | 390.5 | 390.5 | 390.5 | 390.5 | 390.5 | 390.5 |
| 2.5°  | 355.8 | 345.6 | 336.3 | 330.4 | 319.3 | 315.1 | 310.9 | 309.2 | 301.6 | 303.3 | 296.5 |
| 5°    | 310.9 | 293.1 | 279.5 | 266.0 | 253.3 | 244.0 | 236.3 | 227.0 | 219.4 | 216.0 | 209.2 |
| 7.5°  | 270.2 | 247.3 | 229.6 | 215.2 | 199.9 | 188.1 | 177.9 | 171.1 | 164.3 | 157.6 | 154.2 |
| 10°   | 234.6 | 210.1 | 189.7 | 175.3 | 160.9 | 150.8 | 143.2 | 138.1 | 133.8 | 131.3 | 130.4 |
| 12.5° | 201.6 | 177.9 | 159.3 | 146.5 | 135.5 | 130.4 | 127.1 | 124.5 | 123.7 | 122.8 | 122.8 |
| 15°   | 176.2 | 152.5 | 138.1 | 128.8 | 123.7 | 121.1 | 120.3 | 118.6 | 116.9 | 116.0 | 116.0 |
| 17.5° | 152.5 | 134.7 | 124.5 | 119.4 | 116.9 | 115.2 | 113.5 | 111.8 | 110.1 | 109.3 | 109.3 |
| 20°   | 136.4 | 122.0 | 116.9 | 113.5 | 111.0 | 109.3 | 106.7 | 105.0 | 104.2 | 103.3 | 102.5 |
| 22.5° | 123.7 | 114.4 | 111.0 | 108.4 | 105.0 | 102.5 | 100.8 | 99.1  | 97.4  | 96.6  | 95.7  |
| 25°   | 114.4 | 108.4 | 105.9 | 102.5 | 99.1  | 96.6  | 94.0  | 91.5  | 89.8  | 88.9  | 87.2  |
| 27.5° | 107.6 | 103.3 | 100.0 | 95.7  | 92.3  | 89.8  | 87.2  | 84.7  | 83.0  | 81.3  | 80.5  |
| 30°   | 101.6 | 97.4  | 93.2  | 89.8  | 85.6  | 83.0  | 79.6  | 77.1  | 76.2  | 74.5  | 72.8  |
| 32.5° | 95.7  | 91.5  | 87.2  | 83.0  | 78.8  | 75.4  | 73.7  | 70.3  | 68.6  | 67.8  | 66.1  |
| 35°   | 88.9  | 84.7  | 79.6  | 76.2  | 72.0  | 68.6  | 66.1  | 63.5  | 61.8  | 60.1  | 59.3  |
| 37.5° | 83.0  | 77.9  | 72.8  | 68.6  | 65.2  | 61.8  | 59.3  | 56.8  | 55.1  | 53.4  | 52.5  |
| 40°   | 76.2  | 71.2  | 66.1  | 61.8  | 58.4  | 55.9  | 53.4  | 50.8  | 49.1  | 48.3  | 48.3  |
| 42.5° | 70.3  | 64.4  | 59.3  | 55.9  | 53.4  | 50.0  | 47.4  | 44.9  | 44.0  | 43.2  | 44.0  |
| 45°   | 64.4  | 58.4  | 54.2  | 50.8  | 48.3  | 44.9  | 42.4  | 40.7  | 39.8  | 40.7  | 41.5  |
| 47.5° | 59.3  | 53.4  | 49.1  | 46.6  | 44.0  | 41.5  | 39.0  | 37.3  | 37.3  | 39.0  | 40.7  |
| 50°   | 54.2  | 48.3  | 44.9  | 43.2  | 40.7  | 38.1  | 34.7  | 33.9  | 34.7  | 36.4  | 38.1  |
| 52.5° | 49.1  | 42.4  | 39.8  | 39.0  | 36.4  | 33.9  | 31.3  | 30.5  | 31.3  | 33.0  | 32.2  |
| 55°   | 44.0  | 37.3  | 36.4  | 35.6  | 33.0  | 29.6  | 27.1  | 27.1  | 27.1  | 26.3  | 24.6  |
| 57.5° | 42.4  | 33.0  | 32.2  | 31.3  | 28.8  | 25.4  | 23.7  | 22.0  | 21.2  | 18.6  | 17.8  |
| 60°   | 44.0  | 29.6  | 29.6  | 28.0  | 25.4  | 22.0  | 19.5  | 16.9  | 15.2  | 13.6  | 13.6  |
| 62.5° | 35.6  | 27.1  | 26.3  | 24.6  | 21.2  | 17.8  | 15.2  | 12.7  | 11.9  | 11.0  | 11.0  |
| 65°   | 28.8  | 24.6  | 22.9  | 20.3  | 17.8  | 14.4  | 11.9  | 10.2  | 9.3   | 9.3   | 10.2  |
| 67.5° | 26.3  | 22.0  | 19.5  | 16.9  | 14.4  | 11.0  | 9.3   | 8.5   | 8.5   | 9.3   | 9.3   |
| 69°   | 24.6  | 20.3  | 17.8  | 15.2  | 12.7  | 10.2  | 8.5   | 8.5   | 8.5   | 8.5   | 9.3   |
| 70°   | 22.9  | 19.5  | 16.9  | 14.4  | 11.0  | 8.5   | 7.6   | 7.6   | 8.5   | 8.5   | 9.3   |
| 72.5° | 17.8  | 15.2  | 14.4  | 11.9  | 8.5   | 7.6   | 6.8   | 7.6   | 7.6   | 8.5   | 8.5   |
| 75°   | 13.6  | 11.0  | 11.0  | 9.3   | 6.8   | 5.9   | 5.9   | 6.8   | 6.8   | 7.6   | 7.6   |
| 77.5° | 9.3   | 7.6   | 7.6   | 6.8   | 5.9   | 5.1   | 5.1   | 5.9   | 6.8   | 6.8   | 7.6   |
| 80°   | 6.8   | 5.9   | 5.1   | 5.9   | 5.1   | 4.2   | 5.1   | 5.9   | 5.9   | 6.8   | 6.8   |
| 82.5° | 5.1   | 5.1   | 5.1   | 5.1   | 4.2   | 4.2   | 5.1   | 5.1   | 5.9   | 6.8   | 6.8   |
| 85°   | 4.2   | 4.2   | 4.2   | 4.2   | 4.2   | 4.2   | 4.2   | 5.1   | 5.1   | 5.9   | 5.9   |
| 87.5° | 2.5   | 2.5   | 2.5   | 3.4   | 3.4   | 4.2   | 4.2   | 4.2   | 4.2   | 5.1   | 5.1   |
| 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: P151987

CATALOG NUMBER: AVM-F03-LED-E-U-SL4-HSS-7060

**CANDELA DISTRIBUTION (continued):**

|       | 165°  | 170°  | 175°  | 180°  |
|-------|-------|-------|-------|-------|
| 0°    | 390.5 | 390.5 | 390.5 | 390.5 |
| 2.5°  | 294.8 | 293.9 | 290.5 | 291.4 |
| 5°    | 206.7 | 201.6 | 205.0 | 204.1 |
| 7.5°  | 151.6 | 150.8 | 149.9 | 151.6 |
| 10°   | 129.6 | 129.6 | 128.8 | 129.6 |
| 12.5° | 122.0 | 122.0 | 122.0 | 122.0 |
| 15°   | 116.0 | 116.0 | 115.2 | 115.2 |
| 17.5° | 109.3 | 109.3 | 109.3 | 108.4 |
| 20°   | 102.5 | 101.6 | 101.6 | 101.6 |
| 22.5° | 94.9  | 94.0  | 94.0  | 94.0  |
| 25°   | 87.2  | 86.4  | 86.4  | 86.4  |
| 27.5° | 79.6  | 78.8  | 77.9  | 77.9  |
| 30°   | 72.0  | 71.2  | 70.3  | 70.3  |
| 32.5° | 64.4  | 63.5  | 62.7  | 62.7  |
| 35°   | 57.6  | 57.6  | 56.8  | 55.9  |
| 37.5° | 51.7  | 51.7  | 51.7  | 51.7  |
| 40°   | 47.4  | 48.3  | 48.3  | 48.3  |
| 42.5° | 44.9  | 45.7  | 46.6  | 47.4  |
| 45°   | 43.2  | 44.9  | 45.7  | 45.7  |
| 47.5° | 42.4  | 43.2  | 44.0  | 44.0  |
| 50°   | 39.0  | 38.1  | 38.1  | 38.1  |
| 52.5° | 31.3  | 29.6  | 28.8  | 28.0  |
| 55°   | 22.9  | 22.0  | 20.3  | 20.3  |
| 57.5° | 16.1  | 16.1  | 15.2  | 15.2  |
| 60°   | 12.7  | 12.7  | 11.9  | 12.7  |
| 62.5° | 11.0  | 11.0  | 11.0  | 11.0  |
| 65°   | 10.2  | 10.2  | 10.2  | 10.2  |
| 67.5° | 10.2  | 10.2  | 10.2  | 10.2  |
| 69°   | 9.3   | 9.3   | 9.3   | 9.3   |
| 70°   | 9.3   | 9.3   | 9.3   | 9.3   |
| 72.5° | 8.5   | 8.5   | 8.5   | 8.5   |
| 75°   | 7.6   | 8.5   | 8.5   | 8.5   |
| 77.5° | 7.6   | 7.6   | 7.6   | 7.6   |
| 80°   | 6.8   | 6.8   | 7.6   | 7.6   |
| 82.5° | 6.8   | 6.8   | 6.8   | 6.8   |
| 85°   | 5.9   | 5.9   | 6.8   | 6.8   |
| 87.5° | 5.1   | 5.1   | 5.9   | 5.9   |
| 90°   | 0.0   | 0.0   | 0.0   | 0.0   |

(END OF REPORT)