

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: P152005

Luminaire Tested: **AVM-F05-LED-E-U-SL4-HSS**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P152005  
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-F05-LED-E-U-SL4-HSS  
Description: VISION SITE MEDIUM LED LUMINAIRE  
(5) LIGHTBARS WITH AccuLED OPTICS - TYPE 4 W/ SPILL LIGHT CONTROL AND HOUSE SIDE SHIELD  
Light Source: (35) 4000K CCT, 70 CRI LEDs  
Ballast/Driver: -

**Summary**

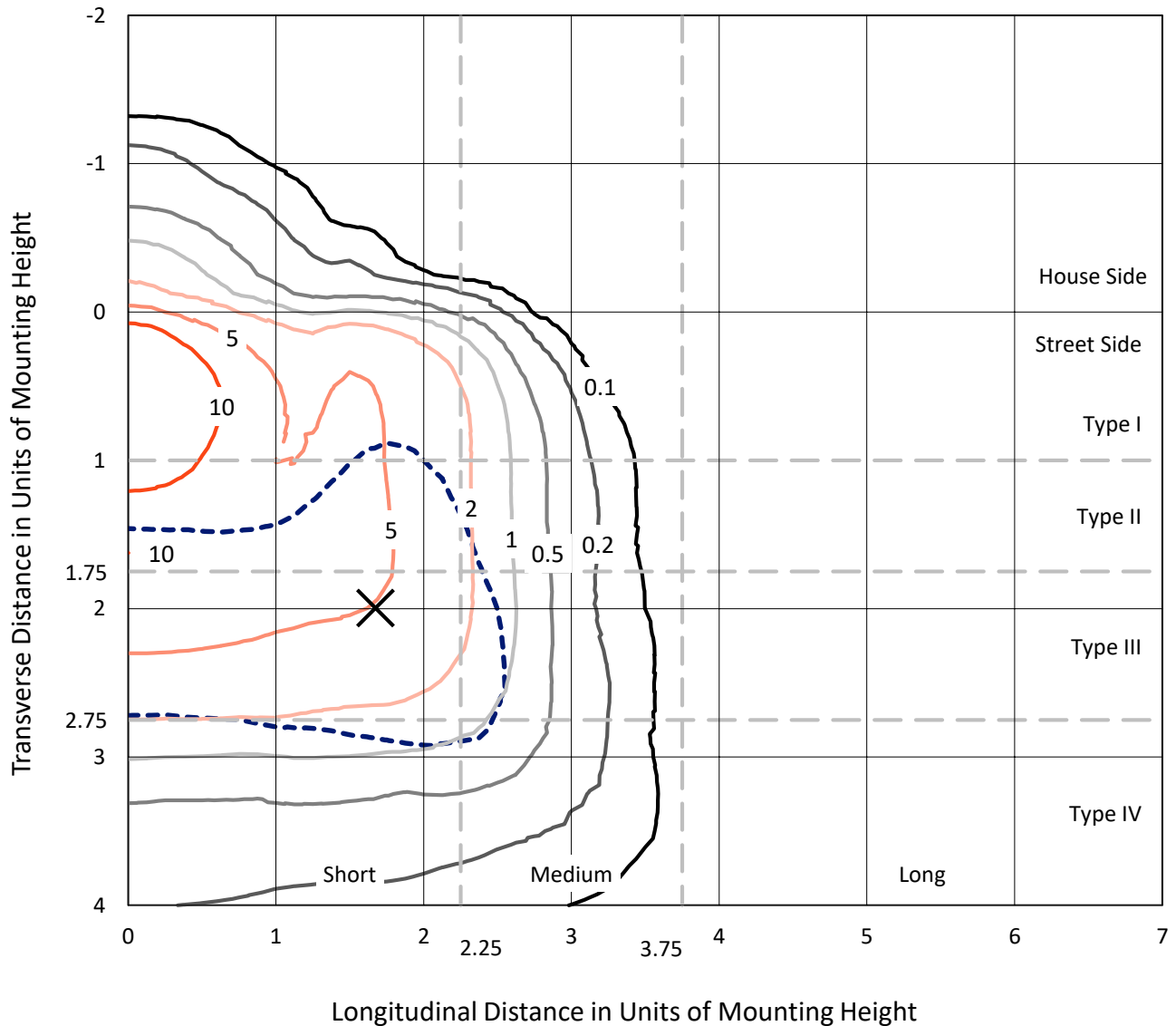
Lumens per Lamp: N/A  
Luminaire Lumens: 8398.9 lumens  
Efficiency: N/A  
Efficacy: 63.0 lumens/watt  
Luminous Opening: Rectangular (W 0.83' x L: 1' x H: 0')  
IES Classification: Type IV - Short - Semi-Cutoff  
BUG Rating: B0 - U0 - G2  
  
Input Watts (W): 133.3  
Input Voltage (V): NR  
Input Current (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: P152005  
 CATALOG NUMBER: AVM-F05-LED-E-U-SL4-HSS

### Iso-Footcandle Lines of Horizontal Illumination

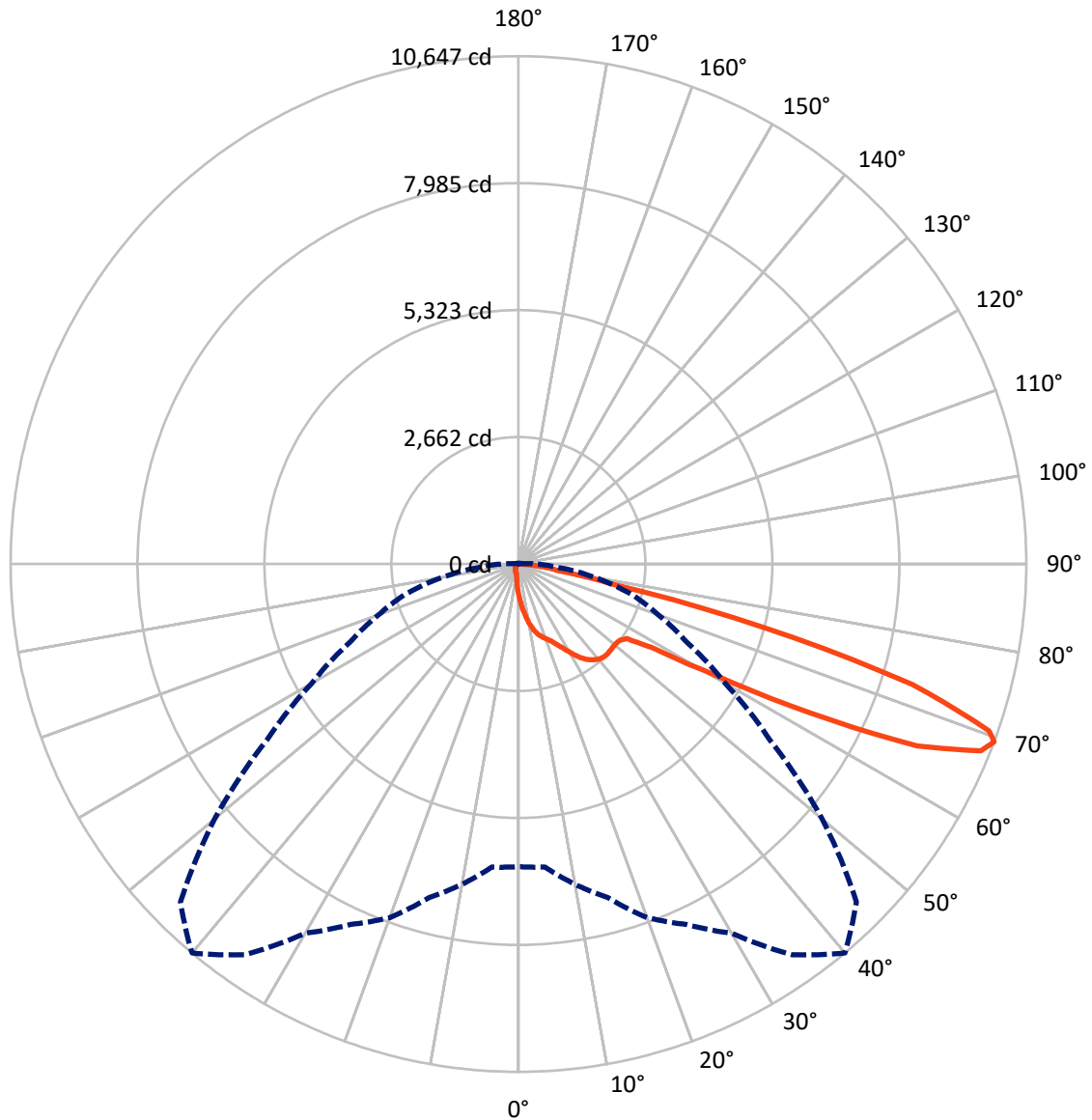
✕ Max cd  
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 18.8 fc  
 Type IV - Short - Semi-Cutoff

REPORT NUMBER: P152005  
CATALOG NUMBER: AVM-F05-LED-E-U-SL4-HSS

### Luminous Intensity Polar Plot



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

REPORT NUMBER: P152005

CATALOG NUMBER: AVM-F05-LED-E-U-SL4-HSS

**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total  |
|--------------------|-----------|----------|--------|--------|
| <b>House Side</b>  | Lumens    | 250.1    | 0.0    | 250.1  |
|                    | % Fixture | 3.0      | 0.0    | 3.0    |
| <b>Street Side</b> | Lumens    | 8148.8   | 0.0    | 8148.8 |
|                    | % Fixture | 97.0     | 0.0    | 97.0   |
| <b>Total</b>       | Lumens    | 8398.9   | 0.0    | 8398.9 |
|                    | % Fixture | 100.0    | 0.0    | 100.0  |

**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 65.2   | 0.8       |
| 10°-20°   | 224.8  | 2.7       |
| 20°-30°   | 430.2  | 5.1       |
| 30°-40°   | 715.4  | 8.5       |
| 40°-50°   | 968.1  | 11.5      |
| 50°-60°   | 1514.0 | 18.0      |
| 60°-70°   | 3112.8 | 37.1      |
| 70°-80°   | 1252.5 | 14.9      |
| 80°-90°   | 115.9  | 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°    | 8398.9 | 100.0     |
| 0°-180°   | 8398.9 | 100.0     |

**Coefficient of Utilization**



REPORT NUMBER: P152005

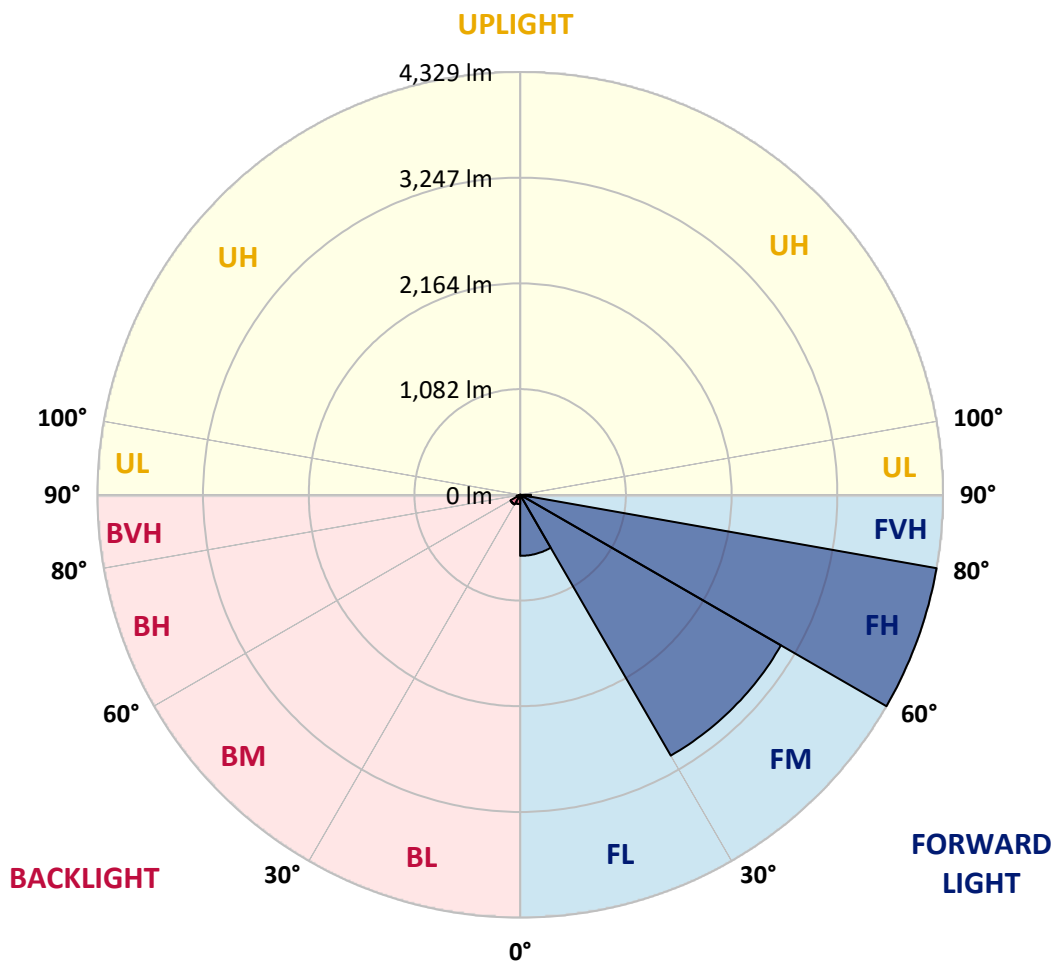
CATALOG NUMBER: AVM-F05-LED-E-U-SL4-HSS

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

| Zone           | Lumens | % Fixture | Zone Rating/Lumen Limit |      |         |
|----------------|--------|-----------|-------------------------|------|---------|
|                |        |           | B                       | U    | G       |
| FL (0°-30°)    | 625.0  | 7.4       |                         |      |         |
| FM (30°-60°)   | 3083.4 | 36.7      |                         |      |         |
| FH (60°-80°)   | 4328.8 | 51.5      |                         |      | G2/5000 |
| FVH (80°-90°)  | 111.6  | 1.3       |                         |      | G2/225  |
| BL (0°-30°)    | 95.1   | 1.1       | B0/110                  |      |         |
| BM (30°-60°)   | 114.2  | 1.4       | B0/220                  |      |         |
| BH (60°-80°)   | 36.5   | 0.4       | B0/110                  |      | G0/110  |
| BVH (80°-90°)  | 4.3    | 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: P152005

CATALOG NUMBER: AVM-F05-LED-E-U-SL4-HSS

**CANDELA DISTRIBUTION (FULL):**

|       | 0°     | 5°     | 10°    | 15°    | 20°    | 25°    | 30°    | 35°    | 40°     | 45°     | 50°    |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|---------|---------|--------|
| 0°    | 634.3  | 634.3  | 634.3  | 634.3  | 634.3  | 634.3  | 634.3  | 634.3  | 634.3   | 634.3   | 634.3  |
| 2.5°  | 846.2  | 836.5  | 825.5  | 825.5  | 811.8  | 811.8  | 803.5  | 781.5  | 778.7   | 766.4   | 754.0  |
| 5°    | 1080.1 | 1071.8 | 1058.0 | 1045.7 | 1034.7 | 1015.4 | 1001.6 | 975.5  | 946.6   | 919.1   | 894.3  |
| 7.5°  | 1308.5 | 1304.3 | 1279.6 | 1275.4 | 1257.5 | 1225.9 | 1198.4 | 1159.9 | 1110.3  | 1071.8  | 1026.4 |
| 10°   | 1520.3 | 1510.7 | 1505.2 | 1481.8 | 1455.7 | 1421.3 | 1378.6 | 1331.8 | 1274.1  | 1213.5  | 1148.9 |
| 12.5° | 1688.2 | 1682.7 | 1657.9 | 1648.3 | 1620.8 | 1586.4 | 1532.7 | 1472.2 | 1414.4  | 1336.0  | 1260.3 |
| 15°   | 1813.4 | 1803.8 | 1787.3 | 1772.1 | 1739.1 | 1708.8 | 1659.3 | 1593.3 | 1523.1  | 1437.8  | 1347.0 |
| 17.5° | 1918.0 | 1900.1 | 1896.0 | 1872.6 | 1838.2 | 1802.4 | 1747.4 | 1686.8 | 1604.3  | 1519.0  | 1419.9 |
| 20°   | 2058.3 | 2033.5 | 2025.3 | 1990.9 | 1951.0 | 1901.5 | 1838.2 | 1762.5 | 1675.8  | 1582.3  | 1480.4 |
| 22.5° | 2223.4 | 2205.5 | 2187.6 | 2157.4 | 2106.5 | 2036.3 | 1944.1 | 1861.6 | 1751.5  | 1648.3  | 1538.2 |
| 25°   | 2457.3 | 2442.2 | 2413.3 | 2372.0 | 2308.7 | 2224.8 | 2113.3 | 1992.3 | 1862.9  | 1730.9  | 1601.5 |
| 27.5° | 2684.3 | 2670.6 | 2649.9 | 2618.3 | 2546.7 | 2454.6 | 2317.0 | 2162.9 | 1999.1  | 1839.5  | 1696.5 |
| 30°   | 2897.6 | 2885.2 | 2864.6 | 2832.9 | 2769.6 | 2678.8 | 2523.4 | 2358.2 | 2154.6  | 1968.9  | 1796.9 |
| 32.5° | 3127.4 | 3123.2 | 3099.8 | 3054.4 | 2999.4 | 2877.0 | 2707.7 | 2530.2 | 2323.9  | 2109.2  | 1908.3 |
| 35°   | 3387.4 | 3355.8 | 3333.7 | 3288.3 | 3194.8 | 3064.1 | 2865.9 | 2671.9 | 2454.6  | 2234.4  | 2010.2 |
| 37.5° | 3607.5 | 3577.3 | 3549.8 | 3492.0 | 3377.8 | 3211.3 | 2987.0 | 2773.8 | 2549.5  | 2325.2  | 2096.8 |
| 40°   | 3768.5 | 3753.4 | 3720.4 | 3644.7 | 3516.7 | 3318.6 | 3076.5 | 2843.9 | 2618.3  | 2392.6  | 2167.0 |
| 42.5° | 3888.2 | 3864.8 | 3827.7 | 3749.3 | 3597.9 | 3372.3 | 3112.2 | 2872.8 | 2649.9  | 2433.9  | 2212.4 |
| 45°   | 3932.3 | 3913.0 | 3878.6 | 3793.3 | 3629.6 | 3387.4 | 3110.9 | 2864.6 | 2651.3  | 2446.3  | 2242.7 |
| 47.5° | 3906.1 | 3886.8 | 3856.6 | 3776.8 | 3615.8 | 3369.5 | 3086.1 | 2841.2 | 2637.6  | 2450.4  | 2270.2 |
| 50°   | 3819.4 | 3808.4 | 3785.0 | 3717.6 | 3573.1 | 3335.1 | 3064.1 | 2828.8 | 2634.8  | 2471.1  | 2308.7 |
| 52.5° | 3811.2 | 3804.3 | 3775.4 | 3708.0 | 3560.8 | 3324.1 | 3061.3 | 2835.7 | 2658.2  | 2497.2  | 2336.2 |
| 55°   | 4657.3 | 4559.6 | 4340.9 | 4155.1 | 3849.7 | 3486.5 | 3200.3 | 2947.1 | 2757.3  | 2600.4  | 2487.6 |
| 57.5° | 6619.3 | 6473.5 | 6185.9 | 5832.3 | 5130.6 | 4441.3 | 3889.6 | 3490.6 | 3293.8  | 3222.3  | 3265.0 |
| 60°   | 7538.4 | 7512.3 | 7466.9 | 7299.0 | 6939.9 | 6346.9 | 5686.5 | 4972.4 | 4686.2  | 4661.5  | 4748.1 |
| 62.5° | 7974.6 | 7958.1 | 7971.8 | 7951.2 | 7839.7 | 7666.4 | 7476.5 | 7168.3 | 6884.9  | 6701.9  | 6313.9 |
| 65°   | 8175.4 | 8186.5 | 8264.9 | 8326.8 | 8340.6 | 8386.0 | 8524.9 | 8908.8 | 9189.5  | 8717.5  | 7640.2 |
| 67.5° | 7665.0 | 7729.7 | 7909.9 | 8135.5 | 8399.7 | 8655.6 | 9068.4 | 9877.4 | 10453.9 | 9899.4  | 8369.4 |
| 69°   | 6345.5 | 6377.2 | 6817.5 | 7242.6 | 7887.9 | 8339.2 | 8937.7 | 9998.5 | 10646.5 | 10020.5 | 8311.7 |
| 70°   | 4995.8 | 5024.7 | 5496.6 | 6074.5 | 7165.6 | 7746.2 | 8529.0 | 9793.5 | 10466.3 | 9859.5  | 8014.5 |
| 72.5° | 2253.7 | 2212.4 | 2378.9 | 2688.5 | 3874.5 | 4796.3 | 6165.3 | 7934.7 | 8635.0  | 7898.9  | 5996.1 |
| 75°   | 1574.0 | 1556.1 | 1574.0 | 1575.4 | 1759.7 | 2270.2 | 2864.6 | 4301.0 | 5319.1  | 4589.9  | 2864.6 |
| 77.5° | 1219.0 | 1206.6 | 1194.3 | 1180.5 | 1202.5 | 1347.0 | 1404.8 | 1525.8 | 1981.3  | 1873.9  | 1092.4 |
| 80°   | 964.5  | 953.5  | 983.8  | 974.1  | 974.1  | 990.6  | 979.6  | 934.2  | 848.9   | 787.0   | 704.4  |
| 82.5° | 448.5  | 451.3  | 451.3  | 489.8  | 590.3  | 689.3  | 721.0  | 675.6  | 599.9   | 510.4   | 411.4  |
| 85°   | 42.7   | 48.2   | 81.2   | 125.2  | 249.0  | 280.7  | 282.1  | 233.9  | 233.9   | 184.4   | 148.6  |
| 87.5° | 0.0    | 1.4    | 1.4    | 1.4    | 12.4   | 34.4   | 28.9   | 8.3    | 4.1     | 4.1     | 6.9    |
| 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: P152005

CATALOG NUMBER: AVM-F05-LED-E-U-SL4-HSS

**CANDELA DISTRIBUTION (continued):**

|       | 55°    | 60°    | 65°    | 70°    | 75°    | 80°    | 85°    | 90°   | 95°   | 100°  | 105°  |
|-------|--------|--------|--------|--------|--------|--------|--------|-------|-------|-------|-------|
| 0°    | 634.3  | 634.3  | 634.3  | 634.3  | 634.3  | 634.3  | 634.3  | 634.3 | 634.3 | 634.3 | 634.3 |
| 2.5°  | 732.0  | 727.8  | 711.3  | 694.8  | 679.7  | 663.2  | 648.0  | 632.9 | 616.4 | 604.0 | 588.9 |
| 5°    | 855.8  | 825.5  | 791.1  | 758.1  | 725.1  | 690.7  | 654.9  | 623.3 | 590.3 | 560.0 | 531.1 |
| 7.5°  | 981.0  | 921.8  | 875.1  | 815.9  | 762.2  | 708.6  | 659.0  | 608.1 | 561.4 | 517.3 | 476.1 |
| 10°   | 1086.9 | 1015.4 | 942.5  | 866.8  | 789.8  | 718.2  | 649.4  | 588.9 | 527.0 | 473.3 | 422.4 |
| 12.5° | 1173.6 | 1082.8 | 993.4  | 898.4  | 811.8  | 721.0  | 635.7  | 562.7 | 489.8 | 429.3 | 377.0 |
| 15°   | 1252.0 | 1147.5 | 1040.2 | 930.1  | 820.0  | 716.8  | 621.9  | 531.1 | 456.8 | 388.0 | 328.8 |
| 17.5° | 1315.3 | 1195.6 | 1074.6 | 950.7  | 832.4  | 711.3  | 604.0  | 509.1 | 422.4 | 350.8 | 293.1 |
| 20°   | 1370.4 | 1245.2 | 1114.5 | 975.5  | 840.7  | 710.0  | 588.9  | 481.6 | 392.1 | 316.5 | 260.0 |
| 22.5° | 1421.3 | 1296.1 | 1155.7 | 1007.1 | 853.0  | 708.6  | 575.1  | 460.9 | 366.0 | 290.3 | 233.9 |
| 25°   | 1479.1 | 1347.0 | 1199.8 | 1040.2 | 875.1  | 714.1  | 566.9  | 444.4 | 342.6 | 265.5 | 213.3 |
| 27.5° | 1543.7 | 1404.8 | 1252.0 | 1081.4 | 903.9  | 725.1  | 564.1  | 426.5 | 322.0 | 242.2 | 196.8 |
| 30°   | 1634.5 | 1473.6 | 1304.3 | 1122.7 | 930.1  | 737.5  | 561.4  | 415.5 | 301.3 | 224.3 | 180.2 |
| 32.5° | 1714.3 | 1541.0 | 1362.1 | 1165.4 | 959.0  | 749.9  | 560.0  | 400.4 | 282.1 | 206.4 | 167.9 |
| 35°   | 1798.3 | 1602.9 | 1411.6 | 1206.6 | 983.8  | 763.6  | 558.6  | 389.4 | 264.2 | 188.5 | 155.5 |
| 37.5° | 1871.2 | 1655.2 | 1450.2 | 1242.4 | 1011.3 | 776.0  | 560.0  | 379.7 | 247.7 | 173.4 | 144.5 |
| 40°   | 1933.1 | 1708.8 | 1492.8 | 1275.4 | 1040.2 | 795.3  | 561.4  | 370.1 | 231.1 | 159.6 | 134.8 |
| 42.5° | 1988.1 | 1759.7 | 1538.2 | 1312.6 | 1073.2 | 817.3  | 569.6  | 361.9 | 217.4 | 147.2 | 125.2 |
| 45°   | 2030.8 | 1806.5 | 1587.8 | 1364.9 | 1126.8 | 853.0  | 584.7  | 356.4 | 203.6 | 136.2 | 116.9 |
| 47.5° | 2074.8 | 1875.3 | 1671.7 | 1447.4 | 1205.3 | 909.5  | 610.9  | 355.0 | 192.6 | 128.0 | 110.1 |
| 50°   | 2135.4 | 1944.1 | 1746.0 | 1531.3 | 1276.8 | 967.2  | 642.5  | 356.4 | 178.9 | 119.7 | 103.2 |
| 52.5° | 2179.4 | 2014.3 | 1842.3 | 1677.2 | 1447.4 | 1143.4 | 765.0  | 381.1 | 172.0 | 112.8 | 94.9  |
| 55°   | 2439.4 | 2410.5 | 2414.7 | 2442.2 | 2264.7 | 1945.5 | 1279.6 | 550.3 | 202.3 | 128.0 | 93.6  |
| 57.5° | 3439.7 | 3541.5 | 3600.7 | 3599.3 | 3306.2 | 2742.1 | 1718.5 | 707.2 | 225.6 | 148.6 | 111.4 |
| 60°   | 4755.0 | 4678.0 | 4569.3 | 4301.0 | 3911.6 | 3130.1 | 1922.1 | 760.9 | 195.4 | 118.3 | 101.8 |
| 62.5° | 5917.6 | 5466.4 | 5066.0 | 4631.2 | 4120.7 | 3265.0 | 1963.4 | 756.7 | 170.6 | 89.4  | 71.5  |
| 65°   | 6642.7 | 5831.0 | 5184.3 | 4639.5 | 4038.2 | 3152.1 | 1857.4 | 694.8 | 144.5 | 72.9  | 59.2  |
| 67.5° | 6816.1 | 5634.2 | 4719.3 | 4024.4 | 3373.6 | 2453.2 | 1363.5 | 522.8 | 112.8 | 60.5  | 52.3  |
| 69°   | 6437.7 | 5008.2 | 3910.2 | 3121.9 | 2454.6 | 1627.7 | 843.4  | 330.2 | 86.7  | 55.0  | 48.2  |
| 70°   | 5921.8 | 4356.0 | 3185.2 | 2505.5 | 1817.5 | 1143.4 | 590.3  | 232.5 | 70.2  | 50.9  | 44.0  |
| 72.5° | 3809.8 | 2288.1 | 1565.7 | 1089.7 | 749.9  | 455.4  | 231.1  | 104.6 | 53.7  | 42.7  | 35.8  |
| 75°   | 1477.7 | 846.2  | 613.6  | 466.4  | 364.6  | 253.2  | 140.3  | 67.4  | 45.4  | 35.8  | 27.5  |
| 77.5° | 727.8  | 557.2  | 455.4  | 312.3  | 181.6  | 112.8  | 75.7   | 52.3  | 37.1  | 26.1  | 17.9  |
| 80°   | 575.1  | 382.5  | 228.4  | 141.7  | 107.3  | 81.2   | 57.8   | 42.7  | 27.5  | 16.5  | 12.4  |
| 82.5° | 294.4  | 161.0  | 118.3  | 96.3   | 79.8   | 63.3   | 46.8   | 30.3  | 17.9  | 11.0  | 9.6   |
| 85°   | 92.2   | 67.4   | 60.5   | 59.2   | 55.0   | 45.4   | 33.0   | 19.3  | 11.0  | 6.9   | 6.9   |
| 87.5° | 6.9    | 9.6    | 12.4   | 9.6    | 11.0   | 9.6    | 12.4   | 8.3   | 5.5   | 5.5   | 4.1   |
| 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: P152005

CATALOG NUMBER: AVM-F05-LED-E-U-SL4-HSS

**CANDELA DISTRIBUTION (continued):**

|       | 110°  | 115°  | 120°  | 125°  | 130°  | 135°  | 140°  | 145°  | 150°  | 155°  | 160°  |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°    | 634.3 | 634.3 | 634.3 | 634.3 | 634.3 | 634.3 | 634.3 | 634.3 | 634.3 | 634.3 | 634.3 |
| 2.5°  | 577.9 | 561.4 | 546.2 | 536.6 | 518.7 | 511.8 | 504.9 | 502.2 | 489.8 | 492.6 | 481.6 |
| 5°    | 504.9 | 476.1 | 454.0 | 432.0 | 411.4 | 396.3 | 383.9 | 368.7 | 356.4 | 350.8 | 339.8 |
| 7.5°  | 438.9 | 401.8 | 372.9 | 349.5 | 324.7 | 305.4 | 288.9 | 277.9 | 266.9 | 255.9 | 250.4 |
| 10°   | 381.1 | 341.2 | 308.2 | 284.8 | 261.4 | 244.9 | 232.5 | 224.3 | 217.4 | 213.3 | 211.9 |
| 12.5° | 327.5 | 288.9 | 258.7 | 238.0 | 220.1 | 211.9 | 206.4 | 202.3 | 200.9 | 199.5 | 199.5 |
| 15°   | 286.2 | 247.7 | 224.3 | 209.1 | 200.9 | 196.8 | 195.4 | 192.6 | 189.9 | 188.5 | 188.5 |
| 17.5° | 247.7 | 218.8 | 202.3 | 194.0 | 189.9 | 187.1 | 184.4 | 181.6 | 178.9 | 177.5 | 177.5 |
| 20°   | 221.5 | 198.1 | 189.9 | 184.4 | 180.2 | 177.5 | 173.4 | 170.6 | 169.2 | 167.9 | 166.5 |
| 22.5° | 200.9 | 185.7 | 180.2 | 176.1 | 170.6 | 166.5 | 163.7 | 161.0 | 158.2 | 156.8 | 155.5 |
| 25°   | 185.7 | 176.1 | 172.0 | 166.5 | 161.0 | 156.8 | 152.7 | 148.6 | 145.8 | 144.5 | 141.7 |
| 27.5° | 174.7 | 167.9 | 162.4 | 155.5 | 150.0 | 145.8 | 141.7 | 137.6 | 134.8 | 132.1 | 130.7 |
| 30°   | 165.1 | 158.2 | 151.3 | 145.8 | 139.0 | 134.8 | 129.3 | 125.2 | 123.8 | 121.1 | 118.3 |
| 32.5° | 155.5 | 148.6 | 141.7 | 134.8 | 128.0 | 122.5 | 119.7 | 114.2 | 111.4 | 110.1 | 107.3 |
| 35°   | 144.5 | 137.6 | 129.3 | 123.8 | 116.9 | 111.4 | 107.3 | 103.2 | 100.4 | 97.7  | 96.3  |
| 37.5° | 134.8 | 126.6 | 118.3 | 111.4 | 105.9 | 100.4 | 96.3  | 92.2  | 89.4  | 86.7  | 85.3  |
| 40°   | 123.8 | 115.6 | 107.3 | 100.4 | 94.9  | 90.8  | 86.7  | 82.6  | 79.8  | 78.4  | 78.4  |
| 42.5° | 114.2 | 104.6 | 96.3  | 90.8  | 86.7  | 81.2  | 77.0  | 72.9  | 71.5  | 70.2  | 71.5  |
| 45°   | 104.6 | 94.9  | 88.1  | 82.6  | 78.4  | 72.9  | 68.8  | 66.0  | 64.7  | 66.0  | 67.4  |
| 47.5° | 96.3  | 86.7  | 79.8  | 75.7  | 71.5  | 67.4  | 63.3  | 60.5  | 60.5  | 63.3  | 66.0  |
| 50°   | 88.1  | 78.4  | 72.9  | 70.2  | 66.0  | 61.9  | 56.4  | 55.0  | 56.4  | 59.2  | 61.9  |
| 52.5° | 79.8  | 68.8  | 64.7  | 63.3  | 59.2  | 55.0  | 50.9  | 49.5  | 50.9  | 53.7  | 52.3  |
| 55°   | 71.5  | 60.5  | 59.2  | 57.8  | 53.7  | 48.2  | 44.0  | 44.0  | 44.0  | 42.7  | 39.9  |
| 57.5° | 68.8  | 53.7  | 52.3  | 50.9  | 46.8  | 41.3  | 38.5  | 35.8  | 34.4  | 30.3  | 28.9  |
| 60°   | 71.5  | 48.2  | 48.2  | 45.4  | 41.3  | 35.8  | 31.6  | 27.5  | 24.8  | 22.0  | 22.0  |
| 62.5° | 57.8  | 44.0  | 42.7  | 39.9  | 34.4  | 28.9  | 24.8  | 20.6  | 19.3  | 17.9  | 17.9  |
| 65°   | 46.8  | 39.9  | 37.1  | 33.0  | 28.9  | 23.4  | 19.3  | 16.5  | 15.1  | 15.1  | 16.5  |
| 67.5° | 42.7  | 35.8  | 31.6  | 27.5  | 23.4  | 17.9  | 15.1  | 13.8  | 13.8  | 15.1  | 15.1  |
| 69°   | 39.9  | 33.0  | 28.9  | 24.8  | 20.6  | 16.5  | 13.8  | 13.8  | 13.8  | 13.8  | 15.1  |
| 70°   | 37.1  | 31.6  | 27.5  | 23.4  | 17.9  | 13.8  | 12.4  | 12.4  | 13.8  | 13.8  | 15.1  |
| 72.5° | 28.9  | 24.8  | 23.4  | 19.3  | 13.8  | 12.4  | 11.0  | 12.4  | 12.4  | 13.8  | 13.8  |
| 75°   | 22.0  | 17.9  | 17.9  | 15.1  | 11.0  | 9.6   | 9.6   | 11.0  | 11.0  | 12.4  | 12.4  |
| 77.5° | 15.1  | 12.4  | 12.4  | 11.0  | 9.6   | 8.3   | 8.3   | 9.6   | 11.0  | 11.0  | 12.4  |
| 80°   | 11.0  | 9.6   | 8.3   | 9.6   | 8.3   | 6.9   | 8.3   | 9.6   | 9.6   | 11.0  | 11.0  |
| 82.5° | 8.3   | 8.3   | 8.3   | 8.3   | 6.9   | 6.9   | 8.3   | 8.3   | 9.6   | 11.0  | 11.0  |
| 85°   | 6.9   | 6.9   | 6.9   | 6.9   | 6.9   | 6.9   | 6.9   | 8.3   | 8.3   | 9.6   | 9.6   |
| 87.5° | 4.1   | 4.1   | 4.1   | 5.5   | 5.5   | 6.9   | 6.9   | 6.9   | 6.9   | 8.3   | 8.3   |
| 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: P152005

CATALOG NUMBER: AVM-F05-LED-E-U-SL4-HSS

**CANDELA DISTRIBUTION (continued):**

|       | 165°  | 170°  | 175°  | 180°  |
|-------|-------|-------|-------|-------|
| 0°    | 634.3 | 634.3 | 634.3 | 634.3 |
| 2.5°  | 478.8 | 477.4 | 471.9 | 473.3 |
| 5°    | 335.7 | 327.5 | 333.0 | 331.6 |
| 7.5°  | 246.3 | 244.9 | 243.5 | 246.3 |
| 10°   | 210.5 | 210.5 | 209.1 | 210.5 |
| 12.5° | 198.1 | 198.1 | 198.1 | 198.1 |
| 15°   | 188.5 | 188.5 | 187.1 | 187.1 |
| 17.5° | 177.5 | 177.5 | 177.5 | 176.1 |
| 20°   | 166.5 | 165.1 | 165.1 | 165.1 |
| 22.5° | 154.1 | 152.7 | 152.7 | 152.7 |
| 25°   | 141.7 | 140.3 | 140.3 | 140.3 |
| 27.5° | 129.3 | 128.0 | 126.6 | 126.6 |
| 30°   | 116.9 | 115.6 | 114.2 | 114.2 |
| 32.5° | 104.6 | 103.2 | 101.8 | 101.8 |
| 35°   | 93.6  | 93.6  | 92.2  | 90.8  |
| 37.5° | 83.9  | 83.9  | 83.9  | 83.9  |
| 40°   | 77.0  | 78.4  | 78.4  | 78.4  |
| 42.5° | 72.9  | 74.3  | 75.7  | 77.0  |
| 45°   | 70.2  | 72.9  | 74.3  | 74.3  |
| 47.5° | 68.8  | 70.2  | 71.5  | 71.5  |
| 50°   | 63.3  | 61.9  | 61.9  | 61.9  |
| 52.5° | 50.9  | 48.2  | 46.8  | 45.4  |
| 55°   | 37.1  | 35.8  | 33.0  | 33.0  |
| 57.5° | 26.1  | 26.1  | 24.8  | 24.8  |
| 60°   | 20.6  | 20.6  | 19.3  | 20.6  |
| 62.5° | 17.9  | 17.9  | 17.9  | 17.9  |
| 65°   | 16.5  | 16.5  | 16.5  | 16.5  |
| 67.5° | 16.5  | 16.5  | 16.5  | 16.5  |
| 69°   | 15.1  | 15.1  | 15.1  | 15.1  |
| 70°   | 15.1  | 15.1  | 15.1  | 15.1  |
| 72.5° | 13.8  | 13.8  | 13.8  | 13.8  |
| 75°   | 12.4  | 13.8  | 13.8  | 13.8  |
| 77.5° | 12.4  | 12.4  | 12.4  | 12.4  |
| 80°   | 11.0  | 11.0  | 12.4  | 12.4  |
| 82.5° | 11.0  | 11.0  | 11.0  | 11.0  |
| 85°   | 9.6   | 9.6   | 11.0  | 11.0  |
| 87.5° | 8.3   | 8.3   | 9.6   | 9.6   |
| 90°   | 0.0   | 0.0   | 0.0   | 0.0   |

(END OF REPORT)