

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: P153185

Luminaire Tested: **AVS-F03-LED-E-U-SLL**

Issue Date: 3/3/2020

### Test Information

Test Method: LM-79-08  
Report Number: P153185  
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (P33681)  
Test Lab: INNOVATION CENTER-P3  
Issue Date: 3/3/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: AVS-F03-LED-E-U-SLL  
Description: VISION SITE SMALL LED LUMINAIRE  
(3) LIGHTBARS WITH AccuLED OPTICS - 90° SPILL LIGHT ELIMINATOR LEFT  
Light Source: (21) 4000K CCT, 70 CRI LEDs  
Ballast/Driver: -

### Summary

Lumens per Lamp: N/A  
Luminaire Lumens: 6891 lumens  
Efficiency: N/A  
Efficacy: 88.0 lumens/watt  
Luminous Opening: Rectangular (W 0.5' x L: 1' x H: 0')  
IES Classification: Type IV - Short - Non-Cutoff  
BUG Rating: B1 - 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

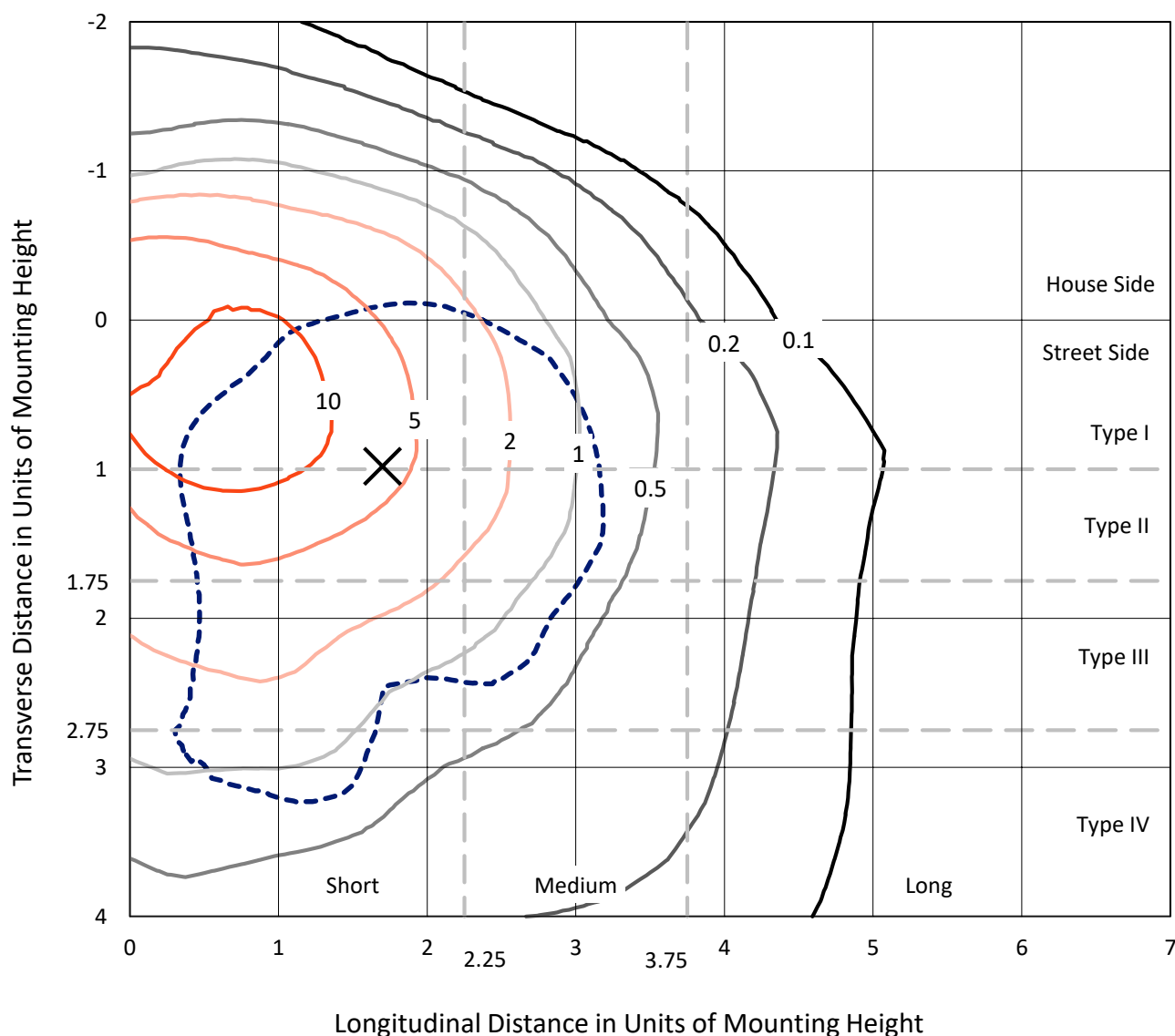


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## Iso-Footcandle Lines of Horizontal Illumination

× Max cd  
 - - - 1/2 Max cd

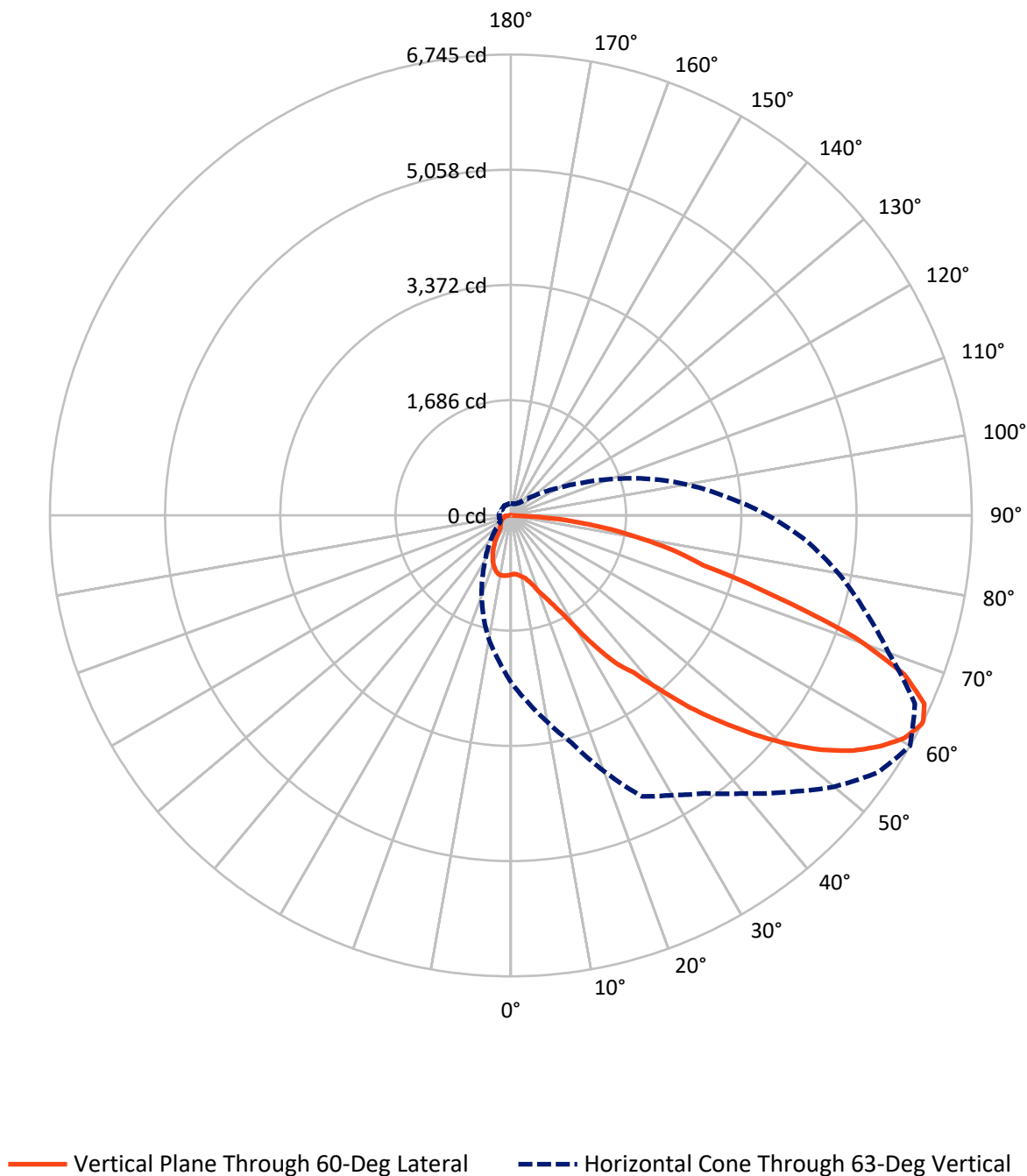


Based on 10 foot mounting height. Maximum calculated value = 17.1 fc  
 Type IV - Short - Non-Cutoff

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## Luminous Intensity Polar Plot



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**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total  |
|--------------------|-----------|----------|--------|--------|
| <b>House Side</b>  | Lumens    | 1494.3   | 0.0    | 1494.3 |
|                    | % Fixture | 21.7     | 0.0    | 21.7   |
| <b>Street Side</b> | Lumens    | 5396.7   | 0.0    | 5396.7 |
|                    | % Fixture | 78.3     | 0.0    | 78.3   |
| <b>Total</b>       | Lumens    | 6891.0   | 0.0    | 6891.0 |
|                    | % Fixture | 100.0    | 0.0    | 100.0  |

**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 84.3   | 1.2       |
| 10°-20°   | 262.5  | 3.8       |
| 20°-30°   | 466.4  | 6.8       |
| 30°-40°   | 734.5  | 10.7      |
| 40°-50°   | 1080.9 | 15.7      |
| 50°-60°   | 1435.8 | 20.8      |
| 60°-70°   | 1581.5 | 23.0      |
| 70°-80°   | 992.2  | 14.4      |
| 80°-90°   | 252.7  | 3.7       |
| 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°    | 6891.0 | 100.0     |
| 0°-180°   | 6891.0 | 100.0     |

**Coefficient of Utilization**



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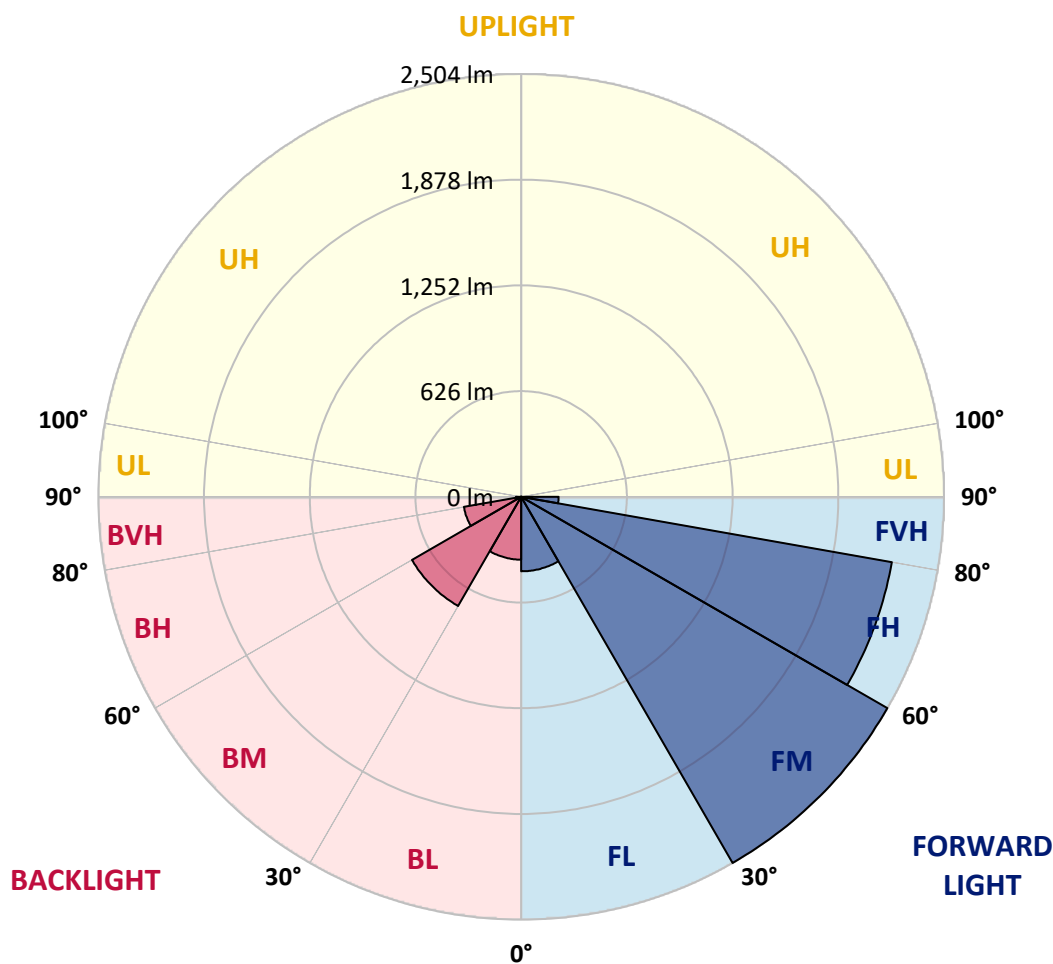
CATALOG NUMBER: AVS-F03-LED-E-U-SLL

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

| Zone |             | Lumens | % Fixture | Zone Rating/Lumen Limit |      |         |
|------|-------------|--------|-----------|-------------------------|------|---------|
|      |             |        |           | B                       | U    | G       |
| FL   | (0°-30°)    | 441.2  | 6.4       |                         |      |         |
| FM   | (30°-60°)   | 2504.3 | 36.3      |                         |      |         |
| FH   | (60°-80°)   | 2229.3 | 32.4      |                         |      | G2/5000 |
| FVH  | (80°-90°)   | 221.8  | 3.2       |                         |      | G2/225  |
| BL   | (0°-30°)    | 372.0  | 5.4       | B1/500                  |      |         |
| BM   | (30°-60°)   | 746.9  | 10.8      | B1/1000                 |      |         |
| BH   | (60°-80°)   | 344.4  | 5.0       | B1/500                  |      | G1/500  |
| BVH  | (80°-90°)   | 31.0   | 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-G2**

Type IV Short





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**CANDELA DISTRIBUTION (FULL):**

|       | 0°     | 5°     | 10°    | 15°    | 20°    | 25°    | 30°    | 35°    | 40°    | 45°    | 50°    |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 866.0  | 866.0  | 866.0  | 866.0  | 866.0  | 866.0  | 866.0  | 866.0  | 866.0  | 866.0  | 866.0  |
| 2.5°  | 854.4  | 856.1  | 856.1  | 855.2  | 855.2  | 856.9  | 856.1  | 855.2  | 852.7  | 856.1  | 856.1  |
| 5°    | 847.8  | 849.4  | 849.4  | 851.1  | 852.7  | 854.4  | 854.4  | 856.1  | 855.2  | 858.5  | 861.0  |
| 7.5°  | 856.1  | 857.7  | 861.0  | 865.2  | 867.7  | 873.4  | 873.4  | 877.5  | 879.2  | 881.7  | 880.8  |
| 10°   | 866.8  | 870.9  | 878.3  | 885.0  | 889.9  | 896.5  | 901.5  | 907.3  | 907.3  | 909.7  | 911.4  |
| 12.5° | 885.8  | 889.9  | 898.1  | 906.4  | 913.9  | 922.1  | 929.5  | 935.3  | 941.1  | 942.8  | 946.0  |
| 15°   | 917.2  | 922.1  | 934.5  | 946.0  | 955.1  | 965.9  | 975.8  | 987.4  | 998.0  | 1000.5 | 1002.2 |
| 17.5° | 964.2  | 974.1  | 983.2  | 1003.8 | 1017.1 | 1031.1 | 1046.7 | 1063.3 | 1066.5 | 1083.9 | 1088.1 |
| 20°   | 1031.1 | 1043.4 | 1051.7 | 1077.3 | 1099.6 | 1117.7 | 1140.8 | 1159.9 | 1167.3 | 1183.8 | 1200.3 |
| 22.5° | 1146.6 | 1144.1 | 1156.6 | 1182.2 | 1198.7 | 1235.0 | 1254.8 | 1274.6 | 1284.6 | 1309.3 | 1322.5 |
| 25°   | 1301.9 | 1315.0 | 1342.3 | 1344.8 | 1360.4 | 1402.6 | 1428.2 | 1448.0 | 1448.8 | 1456.3 | 1470.3 |
| 27.5° | 1454.6 | 1509.0 | 1552.0 | 1575.1 | 1617.2 | 1656.0 | 1654.3 | 1682.4 | 1638.7 | 1647.8 | 1660.9 |
| 30°   | 1639.5 | 1730.3 | 1811.2 | 1865.7 | 1908.6 | 1954.0 | 1976.3 | 1992.0 | 1973.0 | 1964.8 | 1949.0 |
| 32.5° | 1812.8 | 1940.0 | 2064.7 | 2161.2 | 2241.3 | 2316.4 | 2365.9 | 2388.3 | 2414.6 | 2481.6 | 2505.5 |
| 35°   | 1931.7 | 2111.7 | 2266.9 | 2406.4 | 2540.1 | 2659.8 | 2746.5 | 2796.1 | 2777.1 | 2768.0 | 2763.0 |
| 37.5° | 2002.7 | 2222.3 | 2416.3 | 2613.6 | 2767.2 | 2946.3 | 3080.8 | 3211.3 | 3241.0 | 3189.0 | 3163.4 |
| 40°   | 2047.3 | 2307.4 | 2556.7 | 2789.4 | 2988.4 | 3219.6 | 3386.3 | 3582.0 | 3730.6 | 3750.4 | 3689.2 |
| 42.5° | 2068.8 | 2364.4 | 2654.9 | 2918.2 | 3187.4 | 3470.5 | 3681.9 | 3918.8 | 4140.8 | 4293.6 | 4255.5 |
| 45°   | 2072.0 | 2401.5 | 2726.7 | 3034.6 | 3354.9 | 3690.9 | 3963.3 | 4225.9 | 4523.0 | 4784.8 | 4792.1 |
| 47.5° | 2072.0 | 2429.5 | 2776.3 | 3118.9 | 3505.2 | 3882.5 | 4179.6 | 4490.1 | 4854.1 | 5163.6 | 5258.5 |
| 50°   | 2073.7 | 2448.5 | 2822.5 | 3184.9 | 3619.9 | 4044.2 | 4380.2 | 4746.7 | 5129.8 | 5466.6 | 5649.8 |
| 52.5° | 2081.1 | 2462.6 | 2858.8 | 3231.9 | 3694.2 | 4158.1 | 4536.3 | 4959.0 | 5340.3 | 5686.2 | 5923.1 |
| 55°   | 2097.6 | 2482.4 | 2885.2 | 3260.8 | 3743.7 | 4232.4 | 4649.3 | 5104.2 | 5476.6 | 5827.4 | 6158.4 |
| 57.5° | 2143.9 | 2517.0 | 2917.4 | 3286.4 | 3771.0 | 4281.1 | 4728.6 | 5166.9 | 5528.5 | 5894.2 | 6283.1 |
| 60°   | 2236.4 | 2590.5 | 2972.7 | 3337.6 | 3816.4 | 4371.2 | 4766.6 | 5124.9 | 5490.6 | 5874.4 | 6311.1 |
| 62.5° | 2384.1 | 2705.3 | 3049.5 | 3424.2 | 3946.0 | 4510.7 | 4737.7 | 4999.4 | 5341.1 | 5759.7 | 6211.3 |
| 63°   | 2435.3 | 2730.1 | 3066.8 | 3443.3 | 3981.6 | 4536.3 | 4725.3 | 4962.3 | 5310.6 | 5723.3 | 6175.8 |
| 65°   | 2578.1 | 2839.8 | 3149.3 | 3539.1 | 4127.7 | 4561.9 | 4628.7 | 4769.0 | 5099.3 | 5516.2 | 5966.1 |
| 67.5° | 2844.8 | 3106.4 | 3326.8 | 3700.8 | 4250.7 | 4461.1 | 4329.0 | 4346.4 | 4691.5 | 5123.2 | 5527.7 |
| 70°   | 3013.2 | 3325.2 | 3440.0 | 3721.5 | 4228.3 | 4311.7 | 3941.0 | 3711.6 | 3988.1 | 4480.1 | 4834.3 |
| 72.5° | 2969.4 | 3327.7 | 3315.3 | 3446.5 | 3782.6 | 3860.1 | 3476.3 | 3114.7 | 3279.0 | 3646.3 | 3875.9 |
| 75°   | 2543.4 | 2971.9 | 2881.0 | 2854.7 | 2972.7 | 3023.9 | 2735.8 | 2680.5 | 2887.7 | 3091.6 | 3094.9 |
| 77.5° | 1831.0 | 2302.4 | 2195.9 | 2043.2 | 2034.9 | 2153.0 | 2191.8 | 2554.2 | 2860.4 | 3021.5 | 2950.5 |
| 80°   | 1166.4 | 1677.5 | 1566.8 | 1300.2 | 1296.1 | 1449.6 | 1790.6 | 2283.4 | 2607.9 | 2697.8 | 2512.8 |
| 82.5° | 609.2  | 1097.9 | 1140.0 | 975.8  | 1116.9 | 1371.2 | 1703.8 | 1840.1 | 1963.1 | 1975.4 | 1757.5 |
| 85°   | 379.8  | 675.2  | 794.2  | 819.8  | 1008.8 | 1216.0 | 1213.5 | 1165.6 | 1111.2 | 951.0  | 860.2  |
| 87.5° | 42.9   | 85.1   | 128.8  | 122.2  | 164.2  | 230.4  | 287.3  | 168.4  | 118.0  | 42.9   | 59.5   |
| 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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**CANDELA DISTRIBUTION (continued):**

|       | 55°    | 60°    | 65°    | 70°    | 75°    | 80°    | 85°    | 90°    | 95°    | 100°   | 105°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 866.0  | 866.0  | 866.0  | 866.0  | 866.0  | 866.0  | 866.0  | 866.0  | 866.0  | 866.0  | 866.0  |
| 2.5°  | 857.7  | 858.5  | 859.4  | 859.4  | 863.5  | 862.7  | 863.5  | 865.2  | 867.7  | 869.3  | 870.9  |
| 5°    | 864.4  | 864.4  | 867.7  | 870.1  | 875.0  | 878.3  | 880.0  | 885.0  | 890.8  | 889.1  | 894.1  |
| 7.5°  | 885.8  | 885.0  | 888.3  | 889.9  | 894.1  | 899.8  | 899.0  | 903.1  | 908.1  | 909.7  | 913.9  |
| 10°   | 914.7  | 912.2  | 912.2  | 910.6  | 911.4  | 909.7  | 909.7  | 909.7  | 913.1  | 912.2  | 915.5  |
| 12.5° | 944.4  | 943.5  | 942.0  | 937.0  | 937.0  | 930.4  | 927.0  | 922.9  | 922.1  | 916.4  | 917.2  |
| 15°   | 1005.5 | 1005.5 | 1002.2 | 992.3  | 984.0  | 978.2  | 969.9  | 964.2  | 956.0  | 945.2  | 939.5  |
| 17.5° | 1094.6 | 1083.1 | 1079.0 | 1077.3 | 1064.1 | 1059.2 | 1041.0 | 1022.0 | 1013.0 | 998.0  | 989.8  |
| 20°   | 1203.6 | 1201.1 | 1184.7 | 1176.4 | 1159.9 | 1136.8 | 1113.7 | 1088.9 | 1074.0 | 1055.9 | 1045.9 |
| 22.5° | 1326.6 | 1308.5 | 1300.2 | 1287.8 | 1262.2 | 1235.9 | 1201.1 | 1168.1 | 1145.0 | 1132.6 | 1125.2 |
| 25°   | 1470.3 | 1452.1 | 1443.8 | 1427.4 | 1396.0 | 1367.9 | 1325.0 | 1286.2 | 1265.5 | 1244.9 | 1233.4 |
| 27.5° | 1660.9 | 1643.6 | 1633.7 | 1590.8 | 1580.1 | 1533.8 | 1481.0 | 1428.2 | 1400.9 | 1370.4 | 1350.6 |
| 30°   | 1945.8 | 1946.6 | 1895.4 | 1843.4 | 1789.7 | 1709.6 | 1654.3 | 1594.9 | 1550.4 | 1506.6 | 1462.8 |
| 32.5° | 2427.0 | 2304.0 | 2209.1 | 2097.6 | 1981.2 | 1896.3 | 1827.7 | 1756.7 | 1694.8 | 1631.2 | 1558.5 |
| 35°   | 2720.9 | 2661.5 | 2538.4 | 2334.6 | 2217.4 | 2114.2 | 2038.2 | 1952.3 | 1876.4 | 1764.1 | 1653.6 |
| 37.5° | 3052.7 | 2914.9 | 2765.5 | 2652.4 | 2519.5 | 2399.8 | 2272.6 | 2175.2 | 2044.0 | 1893.0 | 1736.1 |
| 40°   | 3537.4 | 3340.1 | 3160.1 | 3008.2 | 2836.5 | 2711.0 | 2569.0 | 2427.9 | 2253.7 | 2034.9 | 1819.5 |
| 42.5° | 4043.4 | 3839.5 | 3601.8 | 3404.5 | 3202.2 | 3055.2 | 2879.5 | 2681.3 | 2425.4 | 2154.6 | 1891.3 |
| 45°   | 4574.2 | 4301.8 | 4017.0 | 3776.0 | 3565.5 | 3383.0 | 3165.1 | 2902.6 | 2590.5 | 2262.0 | 1958.1 |
| 47.5° | 5097.6 | 4784.8 | 4445.5 | 4186.2 | 3912.1 | 3689.2 | 3421.8 | 3089.9 | 2719.3 | 2363.5 | 2025.0 |
| 50°   | 5559.1 | 5257.7 | 4849.1 | 4519.8 | 4242.4 | 3967.5 | 3634.0 | 3234.4 | 2820.8 | 2451.0 | 2085.3 |
| 52.5° | 5957.0 | 5697.8 | 5267.7 | 4851.6 | 4532.1 | 4223.4 | 3804.9 | 3350.8 | 2923.2 | 2531.9 | 2134.8 |
| 55°   | 6249.2 | 6076.7 | 5680.4 | 5164.5 | 4787.3 | 4419.1 | 3949.3 | 3463.1 | 3019.8 | 2596.3 | 2167.0 |
| 57.5° | 6469.6 | 6373.9 | 6033.8 | 5459.2 | 5021.7 | 4608.9 | 4098.8 | 3597.6 | 3115.5 | 2651.6 | 2181.9 |
| 60°   | 6590.2 | 6616.6 | 6301.2 | 5716.8 | 5228.9 | 4767.4 | 4248.2 | 3712.4 | 3186.5 | 2683.7 | 2173.6 |
| 62.5° | 6578.7 | 6740.4 | 6501.9 | 5875.2 | 5349.4 | 4861.6 | 4348.9 | 3766.0 | 3176.6 | 2632.6 | 2098.4 |
| 63°   | 6556.3 | 6744.6 | 6524.1 | 5886.0 | 5356.8 | 4864.8 | 4351.3 | 3758.7 | 3156.0 | 2607.9 | 2068.8 |
| 65°   | 6363.9 | 6649.6 | 6505.2 | 5837.3 | 5290.8 | 4802.9 | 4299.4 | 3651.3 | 3010.7 | 2474.9 | 1916.1 |
| 67.5° | 5848.8 | 6206.3 | 6165.0 | 5493.1 | 4977.9 | 4546.9 | 4033.5 | 3305.4 | 2651.6 | 2148.0 | 1623.8 |
| 70°   | 4997.7 | 5333.7 | 5341.1 | 4777.3 | 4347.3 | 3924.6 | 3497.7 | 2689.5 | 2101.8 | 1665.1 | 1211.1 |
| 72.5° | 3830.5 | 4046.7 | 4121.9 | 3750.4 | 3462.3 | 3165.1 | 2782.0 | 1952.3 | 1498.3 | 1132.6 | 788.4  |
| 75°   | 2966.1 | 2906.6 | 2905.8 | 2749.0 | 2631.8 | 2486.5 | 2065.5 | 1317.5 | 984.0  | 736.4  | 482.1  |
| 77.5° | 2666.4 | 2402.3 | 2146.3 | 1958.1 | 1864.0 | 1815.3 | 1354.7 | 794.2  | 580.3  | 423.5  | 277.4  |
| 80°   | 2199.2 | 1809.5 | 1462.0 | 1259.0 | 1178.0 | 1234.2 | 755.3  | 429.2  | 317.8  | 241.0  | 180.0  |
| 82.5° | 1516.5 | 1259.0 | 956.8  | 792.5  | 680.2  | 711.6  | 386.3  | 219.6  | 146.9  | 134.6  | 111.4  |
| 85°   | 790.1  | 692.6  | 584.5  | 502.0  | 443.3  | 389.6  | 200.6  | 104.9  | 61.1   | 53.7   | 48.7   |
| 87.5° | 0.0    | 0.8    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 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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**CANDELA DISTRIBUTION (continued):**

|       | 110°   | 115°   | 120°   | 125°   | 130°   | 135°   | 140°   | 145°   | 150°  | 155°  | 160°  |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|-------|-------|-------|
| 0°    | 866.0  | 866.0  | 866.0  | 866.0  | 866.0  | 866.0  | 866.0  | 866.0  | 866.0 | 866.0 | 866.0 |
| 2.5°  | 873.4  | 872.5  | 874.2  | 875.0  | 877.5  | 879.2  | 880.0  | 878.3  | 880.8 | 883.3 | 881.7 |
| 5°    | 896.5  | 902.3  | 903.1  | 905.6  | 905.6  | 910.6  | 910.6  | 910.6  | 909.7 | 910.6 | 908.9 |
| 7.5°  | 916.4  | 923.7  | 924.6  | 927.9  | 928.7  | 934.5  | 932.0  | 933.7  | 933.7 | 929.5 | 927.9 |
| 10°   | 918.9  | 926.2  | 930.4  | 934.5  | 940.3  | 947.7  | 947.7  | 951.8  | 951.8 | 948.5 | 947.7 |
| 12.5° | 919.6  | 925.4  | 929.5  | 935.3  | 943.5  | 954.3  | 960.1  | 965.9  | 968.3 | 967.6 | 965.1 |
| 15°   | 937.0  | 937.0  | 937.8  | 942.8  | 948.5  | 961.8  | 969.9  | 976.6  | 980.7 | 979.1 | 974.9 |
| 17.5° | 982.4  | 975.8  | 970.8  | 962.6  | 964.2  | 970.8  | 975.8  | 981.6  | 982.4 | 980.7 | 974.1 |
| 20°   | 1035.2 | 1026.9 | 1014.6 | 1001.3 | 994.7  | 989.8  | 986.5  | 986.5  | 984.0 | 975.8 | 965.1 |
| 22.5° | 1110.4 | 1099.6 | 1082.3 | 1062.5 | 1049.2 | 1033.6 | 1014.6 | 996.4  | 976.6 | 956.8 | 933.7 |
| 25°   | 1214.3 | 1199.5 | 1181.3 | 1150.8 | 1122.7 | 1089.7 | 1050.9 | 1010.5 | 963.4 | 922.1 | 888.3 |
| 27.5° | 1319.2 | 1286.2 | 1239.1 | 1197.0 | 1145.0 | 1095.4 | 1040.2 | 990.7  | 930.4 | 880.8 | 843.7 |
| 30°   | 1405.9 | 1343.1 | 1275.4 | 1208.6 | 1140.0 | 1073.2 | 1007.2 | 947.7  | 881.7 | 831.3 | 795.0 |
| 32.5° | 1472.7 | 1386.0 | 1291.9 | 1204.5 | 1120.2 | 1038.5 | 962.6  | 896.5  | 829.6 | 777.6 | 738.9 |
| 35°   | 1534.6 | 1414.1 | 1294.4 | 1186.3 | 1082.3 | 997.2  | 911.4  | 839.6  | 768.6 | 714.1 | 672.0 |
| 37.5° | 1580.8 | 1427.4 | 1279.6 | 1152.4 | 1032.7 | 937.8  | 850.3  | 776.8  | 704.1 | 644.8 | 596.9 |
| 40°   | 1610.6 | 1419.1 | 1247.4 | 1103.7 | 974.1  | 874.2  | 785.1  | 709.1  | 639.0 | 573.8 | 516.0 |
| 42.5° | 1634.5 | 1408.4 | 1215.1 | 1059.2 | 927.9  | 819.0  | 727.3  | 645.6  | 574.6 | 503.5 | 440.0 |
| 45°   | 1670.1 | 1416.6 | 1201.1 | 1027.8 | 886.6  | 771.9  | 671.2  | 586.1  | 511.8 | 442.5 | 381.3 |
| 47.5° | 1704.7 | 1420.7 | 1180.5 | 989.0  | 834.6  | 723.1  | 620.8  | 538.2  | 462.3 | 398.8 | 342.6 |
| 50°   | 1736.1 | 1418.2 | 1148.3 | 939.5  | 784.2  | 674.4  | 575.4  | 492.8  | 417.7 | 359.1 | 306.3 |
| 52.5° | 1751.0 | 1404.2 | 1108.7 | 891.6  | 743.8  | 631.5  | 530.8  | 450.8  | 376.5 | 321.1 | 272.4 |
| 55°   | 1749.3 | 1367.9 | 1056.7 | 846.1  | 699.2  | 586.1  | 487.0  | 407.8  | 340.9 | 289.7 | 247.7 |
| 57.5° | 1724.6 | 1311.7 | 1001.3 | 795.9  | 640.6  | 529.9  | 435.9  | 359.1  | 303.0 | 260.0 | 224.6 |
| 60°   | 1672.5 | 1239.9 | 928.7  | 722.4  | 567.2  | 460.6  | 372.3  | 306.3  | 260.8 | 227.9 | 204.8 |
| 62.5° | 1575.1 | 1136.8 | 837.9  | 620.0  | 468.1  | 370.7  | 293.9  | 251.0  | 217.1 | 197.3 | 186.5 |
| 63°   | 1546.2 | 1108.7 | 799.1  | 595.2  | 445.0  | 350.1  | 277.4  | 232.8  | 208.1 | 190.7 | 180.8 |
| 65°   | 1402.6 | 970.8  | 668.7  | 480.4  | 345.9  | 269.9  | 222.9  | 189.0  | 174.2 | 166.7 | 165.9 |
| 67.5° | 1136.0 | 763.6  | 473.1  | 329.4  | 235.2  | 194.8  | 170.9  | 156.9  | 150.3 | 148.6 | 150.3 |
| 70°   | 797.4  | 482.1  | 300.5  | 218.8  | 174.2  | 156.9  | 146.1  | 140.3  | 136.2 | 137.0 | 138.7 |
| 72.5° | 508.5  | 288.9  | 206.4  | 165.9  | 146.9  | 137.8  | 133.0  | 131.3  | 130.5 | 129.6 | 129.6 |
| 75°   | 289.7  | 192.3  | 158.5  | 143.6  | 133.8  | 126.3  | 122.2  | 120.5  | 121.3 | 122.2 | 120.5 |
| 77.5° | 191.5  | 158.5  | 141.1  | 131.3  | 122.2  | 113.9  | 111.4  | 110.6  | 112.2 | 113.9 | 113.9 |
| 80°   | 151.1  | 141.1  | 131.3  | 121.3  | 106.5  | 100.7  | 102.4  | 103.2  | 102.4 | 103.2 | 100.7 |
| 82.5° | 106.5  | 104.9  | 107.4  | 103.2  | 88.3   | 83.4   | 81.8   | 82.6   | 80.9  | 80.9  | 79.3  |
| 85°   | 49.5   | 49.5   | 52.0   | 52.0   | 50.4   | 51.2   | 55.3   | 60.3   | 62.7  | 60.3  | 57.0  |
| 87.5° | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 7.5    | 14.8   | 21.5   | 23.1  | 28.9  | 28.1  |
| 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: P153185

CATALOG NUMBER: AVS-F03-LED-E-U-SLL

**CANDELA DISTRIBUTION (continued):**

|       | 165°  | 170°  | 175°  | 180°  | 185°  | 190°  | 195°  | 200°  | 205°  | 210°  | 215°  |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°    | 866.0 | 866.0 | 866.0 | 866.0 | 866.0 | 866.0 | 866.0 | 866.0 | 866.0 | 866.0 | 866.0 |
| 2.5°  | 879.2 | 880.8 | 880.0 | 879.2 | 880.8 | 879.2 | 880.0 | 879.2 | 879.2 | 878.3 | 878.3 |
| 5°    | 907.3 | 909.7 | 904.8 | 903.9 | 902.3 | 898.1 | 898.1 | 896.5 | 896.5 | 893.3 | 890.8 |
| 7.5°  | 925.4 | 926.2 | 922.1 | 921.2 | 917.2 | 913.1 | 909.7 | 906.4 | 905.6 | 903.1 | 898.1 |
| 10°   | 942.8 | 941.1 | 937.8 | 933.7 | 929.5 | 923.7 | 919.6 | 915.5 | 914.7 | 910.6 | 904.8 |
| 12.5° | 957.6 | 956.8 | 950.2 | 946.0 | 939.5 | 933.7 | 928.7 | 923.7 | 921.2 | 916.4 | 908.1 |
| 15°   | 967.6 | 962.6 | 954.3 | 946.8 | 939.5 | 932.8 | 927.0 | 921.2 | 918.9 | 913.1 | 904.8 |
| 17.5° | 963.4 | 954.3 | 943.5 | 934.5 | 924.6 | 916.4 | 911.4 | 905.6 | 901.5 | 898.1 | 886.6 |
| 20°   | 948.5 | 935.3 | 918.9 | 908.1 | 894.8 | 884.1 | 880.8 | 875.0 | 871.7 | 859.4 | 844.6 |
| 22.5° | 909.7 | 890.8 | 870.1 | 854.4 | 839.6 | 828.8 | 820.6 | 814.8 | 806.5 | 799.1 | 776.0 |
| 25°   | 861.0 | 839.6 | 818.1 | 799.1 | 779.3 | 762.8 | 747.9 | 733.9 | 729.7 | 714.1 | 691.8 |
| 27.5° | 814.0 | 790.1 | 768.6 | 746.3 | 720.7 | 700.0 | 674.4 | 654.6 | 641.5 | 625.0 | 604.2 |
| 30°   | 763.6 | 739.7 | 710.8 | 681.0 | 651.3 | 629.0 | 600.2 | 576.2 | 559.7 | 542.4 | 523.4 |
| 32.5° | 700.0 | 671.2 | 636.5 | 603.4 | 576.2 | 549.8 | 520.9 | 497.8 | 481.2 | 465.6 | 447.5 |
| 35°   | 627.4 | 589.4 | 552.2 | 516.0 | 487.0 | 464.8 | 439.2 | 421.9 | 410.3 | 396.3 | 377.3 |
| 37.5° | 544.0 | 501.1 | 461.5 | 433.4 | 407.8 | 386.3 | 368.2 | 357.4 | 345.1 | 337.6 | 326.1 |
| 40°   | 459.8 | 417.7 | 379.0 | 353.4 | 331.8 | 319.5 | 309.5 | 307.0 | 298.9 | 288.9 | 281.6 |
| 42.5° | 385.5 | 345.1 | 307.0 | 286.4 | 272.4 | 269.1 | 264.1 | 264.1 | 260.0 | 252.6 | 247.7 |
| 45°   | 335.1 | 293.1 | 260.0 | 245.2 | 237.7 | 236.9 | 234.4 | 234.4 | 233.6 | 230.4 | 224.6 |
| 47.5° | 298.9 | 260.8 | 235.2 | 226.2 | 224.6 | 222.9 | 220.4 | 219.6 | 218.8 | 216.3 | 213.0 |
| 50°   | 265.8 | 233.6 | 217.1 | 213.0 | 213.8 | 211.3 | 208.8 | 206.4 | 205.6 | 203.1 | 199.8 |
| 52.5° | 235.2 | 212.1 | 201.5 | 199.0 | 199.0 | 199.0 | 197.3 | 197.3 | 195.6 | 194.8 | 191.5 |
| 55°   | 217.9 | 200.6 | 194.8 | 194.0 | 193.2 | 192.3 | 190.7 | 190.7 | 189.0 | 188.2 | 184.0 |
| 57.5° | 203.1 | 192.3 | 189.0 | 187.4 | 186.5 | 184.9 | 184.0 | 184.0 | 184.0 | 184.0 | 179.2 |
| 60°   | 191.5 | 186.5 | 185.7 | 184.0 | 183.3 | 180.0 | 178.3 | 177.5 | 178.3 | 179.2 | 174.2 |
| 62.5° | 179.2 | 178.3 | 177.5 | 175.9 | 175.0 | 171.7 | 169.2 | 167.6 | 169.2 | 170.9 | 170.1 |
| 63°   | 175.9 | 175.0 | 175.0 | 174.2 | 173.4 | 169.2 | 166.7 | 165.1 | 166.7 | 168.4 | 168.4 |
| 65°   | 164.2 | 165.1 | 165.1 | 164.2 | 163.4 | 160.9 | 157.7 | 156.1 | 156.9 | 159.3 | 160.1 |
| 67.5° | 151.9 | 152.7 | 151.9 | 152.7 | 151.9 | 150.3 | 147.8 | 146.1 | 145.3 | 146.1 | 146.9 |
| 70°   | 140.3 | 142.0 | 141.1 | 140.3 | 139.5 | 139.5 | 137.8 | 135.3 | 134.6 | 133.8 | 133.8 |
| 72.5° | 130.5 | 130.5 | 128.8 | 128.8 | 128.0 | 128.0 | 126.3 | 123.8 | 123.0 | 123.0 | 121.3 |
| 75°   | 119.7 | 119.7 | 117.2 | 117.2 | 115.5 | 116.4 | 114.7 | 112.2 | 111.4 | 111.4 | 110.6 |
| 77.5° | 113.1 | 110.6 | 106.5 | 105.7 | 104.9 | 104.9 | 104.0 | 101.6 | 100.7 | 100.7 | 99.9  |
| 80°   | 99.9  | 94.9  | 90.8  | 89.9  | 90.8  | 92.4  | 92.4  | 90.8  | 90.8  | 90.8  | 90.8  |
| 82.5° | 77.6  | 76.0  | 73.5  | 71.8  | 71.8  | 74.3  | 77.6  | 79.3  | 80.9  | 82.6  | 82.6  |
| 85°   | 57.0  | 57.8  | 57.0  | 54.5  | 53.7  | 56.2  | 59.5  | 62.7  | 63.5  | 66.8  | 66.0  |
| 87.5° | 30.6  | 31.4  | 28.9  | 28.1  | 30.6  | 32.2  | 35.5  | 36.4  | 37.9  | 38.8  | 39.6  |
| 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: AVS-F03-LED-E-U-SLL

**CANDELA DISTRIBUTION (continued):**

|       | 220°  | 225°  | 230°  | 235°  | 240°  | 245°  | 250°  | 255°  | 260°  | 265°  | 270°  |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°    | 866.0 | 866.0 | 866.0 | 866.0 | 866.0 | 866.0 | 866.0 | 866.0 | 866.0 | 866.0 | 866.0 |
| 2.5°  | 877.5 | 876.7 | 877.5 | 875.9 | 875.9 | 874.2 | 872.5 | 871.7 | 870.1 | 869.3 | 867.7 |
| 5°    | 892.4 | 889.9 | 887.5 | 886.6 | 883.3 | 880.0 | 877.5 | 873.4 | 870.1 | 864.4 | 862.7 |
| 7.5°  | 902.3 | 896.5 | 893.3 | 892.4 | 887.5 | 885.0 | 879.2 | 874.2 | 869.3 | 861.9 | 859.4 |
| 10°   | 906.4 | 900.6 | 894.8 | 892.4 | 886.6 | 882.5 | 876.7 | 869.3 | 865.2 | 857.7 | 856.1 |
| 12.5° | 911.4 | 900.6 | 891.6 | 885.0 | 876.7 | 867.7 | 861.9 | 857.7 | 851.9 | 847.8 | 846.1 |
| 15°   | 902.3 | 888.3 | 874.2 | 861.9 | 848.6 | 838.8 | 833.0 | 826.3 | 819.8 | 817.3 | 817.3 |
| 17.5° | 877.5 | 859.4 | 835.4 | 819.8 | 805.7 | 795.0 | 787.6 | 780.9 | 780.1 | 776.8 | 778.4 |
| 20°   | 826.3 | 802.4 | 779.3 | 767.8 | 759.5 | 752.8 | 745.5 | 742.2 | 739.7 | 734.7 | 733.1 |
| 22.5° | 755.3 | 735.5 | 719.1 | 710.8 | 704.1 | 696.0 | 689.3 | 679.4 | 676.9 | 672.0 | 669.5 |
| 25°   | 676.9 | 661.2 | 647.3 | 641.5 | 637.3 | 625.7 | 621.7 | 608.4 | 599.4 | 593.6 | 596.9 |
| 27.5° | 598.5 | 586.9 | 573.8 | 566.3 | 563.8 | 553.1 | 549.0 | 534.1 | 526.7 | 526.7 | 518.4 |
| 30°   | 517.6 | 506.8 | 498.7 | 490.4 | 488.7 | 475.5 | 464.8 | 459.0 | 450.8 | 447.5 | 441.7 |
| 32.5° | 441.7 | 430.9 | 424.4 | 420.2 | 413.6 | 402.9 | 392.1 | 382.2 | 369.0 | 364.0 | 361.6 |
| 35°   | 371.5 | 363.2 | 355.0 | 351.7 | 342.6 | 331.0 | 317.8 | 309.5 | 293.9 | 288.1 | 285.6 |
| 37.5° | 317.8 | 307.9 | 302.2 | 293.1 | 283.9 | 271.6 | 261.7 | 254.3 | 248.5 | 246.0 | 246.0 |
| 40°   | 274.9 | 267.5 | 260.8 | 253.5 | 246.0 | 239.4 | 234.4 | 232.8 | 232.0 | 232.0 | 233.6 |
| 42.5° | 242.7 | 236.1 | 232.8 | 228.7 | 226.2 | 226.2 | 225.4 | 226.2 | 227.0 | 227.9 | 230.4 |
| 45°   | 221.2 | 217.1 | 215.4 | 214.6 | 216.3 | 217.9 | 218.8 | 220.4 | 223.7 | 225.4 | 226.2 |
| 47.5° | 209.6 | 206.4 | 205.6 | 206.4 | 208.8 | 212.1 | 215.4 | 217.9 | 220.4 | 221.2 | 222.1 |
| 50°   | 198.1 | 194.0 | 192.3 | 194.0 | 197.3 | 202.3 | 204.8 | 208.8 | 210.5 | 212.1 | 210.5 |
| 52.5° | 188.2 | 184.9 | 184.0 | 184.0 | 187.4 | 190.7 | 194.0 | 197.3 | 198.1 | 198.1 | 197.3 |
| 55°   | 180.0 | 177.5 | 175.0 | 176.7 | 179.2 | 182.5 | 187.4 | 189.8 | 191.5 | 192.3 | 192.3 |
| 57.5° | 173.4 | 170.9 | 168.4 | 170.1 | 172.5 | 175.9 | 180.8 | 183.3 | 184.9 | 187.4 | 188.2 |
| 60°   | 168.4 | 165.1 | 162.6 | 165.1 | 167.6 | 172.5 | 176.7 | 179.2 | 183.3 | 184.0 | 184.0 |
| 62.5° | 163.4 | 160.1 | 156.1 | 158.5 | 158.5 | 160.9 | 165.1 | 168.4 | 172.5 | 174.2 | 174.2 |
| 63°   | 162.6 | 159.3 | 155.2 | 156.9 | 156.9 | 158.5 | 161.8 | 165.1 | 170.1 | 171.7 | 170.9 |
| 65°   | 156.1 | 155.2 | 151.1 | 151.1 | 149.4 | 151.1 | 153.6 | 156.9 | 159.3 | 161.8 | 161.8 |
| 67.5° | 145.3 | 144.5 | 143.6 | 143.6 | 143.6 | 145.3 | 146.9 | 149.4 | 151.9 | 153.6 | 152.7 |
| 70°   | 133.0 | 133.0 | 133.0 | 133.8 | 133.8 | 135.3 | 136.2 | 135.3 | 137.8 | 139.5 | 138.7 |
| 72.5° | 122.2 | 121.3 | 120.5 | 122.2 | 121.3 | 121.3 | 123.0 | 122.2 | 124.7 | 124.7 | 125.5 |
| 75°   | 110.6 | 109.8 | 109.8 | 110.6 | 109.0 | 107.4 | 108.2 | 108.2 | 109.0 | 109.0 | 110.6 |
| 77.5° | 100.7 | 100.7 | 100.7 | 99.9  | 98.2  | 97.4  | 96.6  | 96.6  | 96.6  | 96.6  | 97.4  |
| 80°   | 91.6  | 91.6  | 91.6  | 90.8  | 89.1  | 87.5  | 85.8  | 85.1  | 84.2  | 80.1  | 80.1  |
| 82.5° | 82.6  | 82.6  | 82.6  | 82.6  | 81.8  | 80.1  | 77.6  | 71.0  | 67.7  | 64.4  | 65.2  |
| 85°   | 65.2  | 66.8  | 68.5  | 71.0  | 70.2  | 70.2  | 65.2  | 57.0  | 52.0  | 48.7  | 49.5  |
| 87.5° | 42.1  | 37.1  | 37.1  | 36.4  | 34.7  | 33.1  | 33.1  | 28.1  | 23.1  | 20.6  | 21.5  |
| 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: P153185  
CATALOG NUMBER: AVS-F03-LED-E-U-SLL

REPORT N  
CATALOG

**CANDELA DISTRIBUTION (continued):**

**CANDELA**

|       | 275°  | 280°  | 285°  | 290°  | 295°  | 300°  | 305°  | 310°  | 315°  | 320°  | 325°  |       |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°    | 866.0 | 866.0 | 866.0 | 866.0 | 866.0 | 866.0 | 866.0 | 866.0 | 866.0 | 866.0 | 866.0 | 0°    |
| 2.5°  | 867.7 | 866.0 | 864.4 | 864.4 | 861.9 | 861.9 | 860.2 | 863.5 | 860.2 | 857.7 | 857.7 | 2.5°  |
| 5°    | 861.0 | 859.4 | 854.4 | 853.6 | 850.3 | 850.3 | 850.3 | 848.6 | 848.6 | 846.9 | 846.1 | 5°    |
| 7.5°  | 856.9 | 852.7 | 848.6 | 846.1 | 846.1 | 844.6 | 847.8 | 846.1 | 846.9 | 846.9 | 847.8 | 7.5°  |
| 10°   | 853.6 | 850.3 | 848.6 | 847.8 | 847.8 | 850.3 | 852.7 | 853.6 | 852.7 | 853.6 | 853.6 | 10°   |
| 12.5° | 845.4 | 846.9 | 847.8 | 851.1 | 855.2 | 860.2 | 866.0 | 866.8 | 868.5 | 868.5 | 870.1 | 12.5° |
| 15°   | 819.0 | 823.0 | 828.0 | 836.3 | 846.9 | 857.7 | 868.5 | 877.5 | 885.8 | 889.9 | 893.3 | 15°   |
| 17.5° | 781.8 | 785.9 | 795.0 | 804.0 | 818.1 | 833.8 | 851.9 | 867.7 | 885.0 | 900.6 | 916.4 | 17.5° |
| 20°   | 731.4 | 738.0 | 740.5 | 757.0 | 773.5 | 795.0 | 816.5 | 841.2 | 870.9 | 900.6 | 931.2 | 20°   |
| 22.5° | 666.2 | 673.7 | 685.2 | 698.4 | 715.8 | 742.2 | 767.8 | 806.5 | 846.1 | 888.3 | 936.2 | 22.5° |
| 25°   | 593.6 | 601.8 | 611.7 | 625.7 | 643.1 | 671.2 | 708.3 | 749.5 | 798.2 | 853.6 | 913.1 | 25°   |
| 27.5° | 518.4 | 526.7 | 534.9 | 544.9 | 564.7 | 594.4 | 638.1 | 681.0 | 734.7 | 795.0 | 864.4 | 27.5° |
| 30°   | 443.3 | 444.1 | 449.1 | 461.5 | 482.1 | 520.9 | 553.1 | 606.7 | 662.9 | 726.4 | 806.5 | 30°   |
| 32.5° | 360.7 | 359.9 | 365.7 | 376.5 | 396.3 | 433.4 | 473.1 | 525.1 | 580.3 | 660.4 | 743.0 | 32.5° |
| 35°   | 287.3 | 287.3 | 298.0 | 308.7 | 331.0 | 357.4 | 392.1 | 438.3 | 503.5 | 577.8 | 660.4 | 35°   |
| 37.5° | 248.5 | 254.3 | 260.8 | 271.6 | 288.9 | 309.5 | 340.1 | 380.5 | 431.7 | 502.7 | 578.7 | 37.5° |
| 40°   | 236.1 | 239.4 | 245.2 | 255.1 | 269.9 | 288.9 | 311.2 | 341.8 | 381.3 | 438.3 | 507.7 | 40°   |
| 42.5° | 231.2 | 232.0 | 235.2 | 242.7 | 256.0 | 274.9 | 298.0 | 325.3 | 355.0 | 395.4 | 455.6 | 42.5° |
| 45°   | 226.2 | 225.4 | 227.0 | 232.8 | 243.5 | 265.0 | 291.4 | 321.1 | 350.9 | 384.7 | 434.2 | 45°   |
| 47.5° | 222.1 | 222.1 | 222.1 | 224.6 | 234.4 | 256.0 | 286.4 | 321.1 | 356.6 | 394.6 | 443.3 | 47.5° |
| 50°   | 210.5 | 209.6 | 209.6 | 211.3 | 218.8 | 241.9 | 278.2 | 320.3 | 366.5 | 416.1 | 471.4 | 50°   |
| 52.5° | 197.3 | 197.3 | 198.1 | 199.0 | 205.6 | 228.7 | 269.1 | 320.3 | 378.1 | 444.1 | 513.5 | 52.5° |
| 55°   | 193.2 | 194.0 | 194.8 | 194.0 | 199.0 | 218.8 | 259.2 | 315.3 | 383.0 | 466.4 | 558.9 | 55°   |
| 57.5° | 189.8 | 191.5 | 191.5 | 190.7 | 194.0 | 210.5 | 249.3 | 305.5 | 379.0 | 474.7 | 591.1 | 57.5° |
| 60°   | 184.9 | 184.9 | 184.9 | 182.5 | 184.0 | 199.0 | 234.4 | 289.7 | 365.7 | 467.3 | 596.1 | 60°   |
| 62.5° | 174.2 | 174.2 | 172.5 | 171.7 | 170.9 | 182.5 | 214.6 | 266.6 | 341.8 | 447.5 | 583.6 | 62.5° |
| 63°   | 171.7 | 170.9 | 170.9 | 168.4 | 168.4 | 179.2 | 210.5 | 263.3 | 335.1 | 442.5 | 578.7 | 63°   |
| 65°   | 162.6 | 162.6 | 162.6 | 160.9 | 160.1 | 168.4 | 194.0 | 240.2 | 309.5 | 419.4 | 553.9 | 65°   |
| 67.5° | 152.7 | 153.6 | 151.9 | 151.1 | 150.3 | 155.2 | 175.0 | 211.3 | 269.9 | 370.7 | 507.7 | 67.5° |
| 70°   | 138.7 | 139.5 | 139.5 | 138.7 | 137.8 | 141.1 | 153.6 | 181.7 | 223.7 | 308.7 | 432.5 | 70°   |
| 72.5° | 126.3 | 128.0 | 128.0 | 129.6 | 129.6 | 132.1 | 137.0 | 151.1 | 179.2 | 241.0 | 340.1 | 72.5° |
| 75°   | 113.1 | 113.9 | 115.5 | 117.2 | 115.5 | 114.7 | 115.5 | 126.3 | 140.3 | 178.3 | 242.7 | 75°   |
| 77.5° | 101.6 | 104.0 | 104.0 | 103.2 | 100.7 | 99.1  | 99.1  | 104.0 | 115.5 | 135.3 | 173.4 | 77.5° |
| 80°   | 84.2  | 88.3  | 89.1  | 86.6  | 84.2  | 84.2  | 85.8  | 89.1  | 96.6  | 111.4 | 131.3 | 80°   |
| 82.5° | 67.7  | 71.8  | 72.6  | 73.5  | 72.6  | 75.1  | 75.1  | 76.0  | 80.1  | 91.6  | 107.4 | 82.5° |
| 85°   | 52.0  | 55.3  | 57.8  | 58.7  | 59.5  | 60.3  | 59.5  | 55.3  | 57.8  | 65.2  | 72.6  | 85°   |
| 87.5° | 23.1  | 23.9  | 22.3  | 23.1  | 22.3  | 23.1  | 23.9  | 19.8  | 19.0  | 25.6  | 26.4  | 87.5° |
| 90°   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 90°   |

NUMBER: P153185

NUMBER: AVS-F03-LED-E-U-SLL

**DISTRIBUTION (continued):**

| 330°  | 335°   | 340°   | 345°   | 350°   | 355°   | 360°   |
|-------|--------|--------|--------|--------|--------|--------|
| 866.0 | 866.0  | 866.0  | 866.0  | 866.0  | 866.0  | 866.0  |
| 856.9 | 856.9  | 857.7  | 856.1  | 856.1  | 856.9  | 854.4  |
| 843.7 | 846.9  | 846.9  | 846.9  | 845.4  | 846.9  | 847.8  |
| 846.9 | 849.4  | 851.1  | 851.1  | 850.3  | 853.6  | 856.1  |
| 851.1 | 855.2  | 856.9  | 856.9  | 856.9  | 861.0  | 866.8  |
| 866.8 | 870.1  | 872.5  | 872.5  | 874.2  | 879.2  | 885.8  |
| 895.6 | 899.8  | 899.8  | 899.0  | 903.9  | 909.7  | 917.2  |
| 927.9 | 939.5  | 945.2  | 944.4  | 948.5  | 956.0  | 964.2  |
| 958.4 | 990.7  | 1004.7 | 1014.6 | 1018.7 | 1028.6 | 1031.1 |
| 984.0 | 1037.7 | 1076.5 | 1109.5 | 1125.2 | 1135.1 | 1146.6 |
| 974.9 | 1047.6 | 1116.9 | 1184.7 | 1232.5 | 1281.2 | 1301.9 |
| 937.8 | 1028.6 | 1119.4 | 1218.4 | 1305.2 | 1391.8 | 1454.6 |
| 892.4 | 1001.3 | 1123.5 | 1263.8 | 1400.9 | 1533.8 | 1639.5 |
| 840.4 | 975.8  | 1132.6 | 1306.0 | 1485.9 | 1660.1 | 1812.8 |
| 775.1 | 927.0  | 1110.4 | 1310.2 | 1522.3 | 1733.6 | 1931.7 |
| 692.6 | 861.0  | 1058.3 | 1280.4 | 1523.9 | 1765.8 | 2002.7 |
| 610.1 | 777.6  | 992.3  | 1237.5 | 1502.5 | 1773.3 | 2047.3 |
| 552.2 | 703.3  | 925.4  | 1183.0 | 1467.8 | 1761.7 | 2068.8 |
| 512.6 | 649.6  | 866.0  | 1133.5 | 1430.7 | 1741.0 | 2072.0 |
| 509.3 | 626.5  | 827.2  | 1097.1 | 1400.9 | 1722.9 | 2072.0 |
| 537.4 | 639.0  | 814.0  | 1079.0 | 1388.5 | 1717.1 | 2073.7 |
| 590.3 | 688.5  | 837.9  | 1093.0 | 1398.4 | 1724.6 | 2081.1 |
| 653.8 | 763.6  | 902.3  | 1141.7 | 1440.5 | 1749.3 | 2097.6 |
| 711.6 | 850.3  | 1012.1 | 1235.9 | 1517.3 | 1812.0 | 2143.9 |
| 745.5 | 924.6  | 1128.5 | 1367.9 | 1648.6 | 1936.7 | 2236.4 |
| 749.5 | 965.9  | 1231.7 | 1511.5 | 1807.9 | 2079.5 | 2384.1 |
| 746.3 | 969.1  | 1244.9 | 1538.8 | 1841.8 | 2115.0 | 2435.3 |
| 728.1 | 969.9  | 1282.1 | 1634.5 | 1959.0 | 2264.5 | 2578.1 |
| 681.9 | 943.5  | 1295.2 | 1709.6 | 2106.7 | 2460.9 | 2844.8 |
| 601.8 | 868.5  | 1256.5 | 1711.3 | 2163.7 | 2570.7 | 3013.2 |
| 483.7 | 725.6  | 1088.9 | 1556.9 | 2013.5 | 2462.6 | 2969.4 |
| 354.2 | 533.3  | 823.0  | 1206.1 | 1642.8 | 2049.7 | 2543.4 |
| 235.2 | 345.1  | 554.7  | 859.4  | 1178.0 | 1475.2 | 1831.0 |
| 161.8 | 213.8  | 324.5  | 516.8  | 720.7  | 865.2  | 1166.4 |
| 118.9 | 141.1  | 180.0  | 264.1  | 346.7  | 426.8  | 609.2  |
| 74.3  | 80.9   | 89.9   | 130.5  | 186.5  | 251.8  | 379.8  |
| 19.8  | 20.6   | 19.0   | 25.6   | 40.4   | 38.8   | 42.9   |
| 0.0   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |

(END OF REPORT)