

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: P153176

Luminaire Tested: **AVS-F02-LED-E-U-SLL-7050**

Issue Date: 3/3/2020

### Test Information

Test Method: LM-79-08  
Report Number: P153176  
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-F02-LED-E-U-SLL-7050  
Description: VISION SITE SMALL LED LUMINAIRE  
(2) LIGHTBARS WITH AccuLED OPTICS - 90° SPILL LIGHT ELIMINATOR LEFT  
Light Source: (14) 5000K CCT, 70 CRI LEDs  
Ballast/Driver: -

### Summary

Lumens per Lamp: N/A  
Luminaire Lumens: 4713.9 lumens  
Efficiency: N/A  
Efficacy: 85.7 lumens/watt  
Luminous Opening: Rectangular (W 0.33' x L: 1' x H: 0')  
IES Classification: Type IV - Short - Non-Cutoff  
BUG Rating: B1 - U0 - G2

Input Watts (W): 55  
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



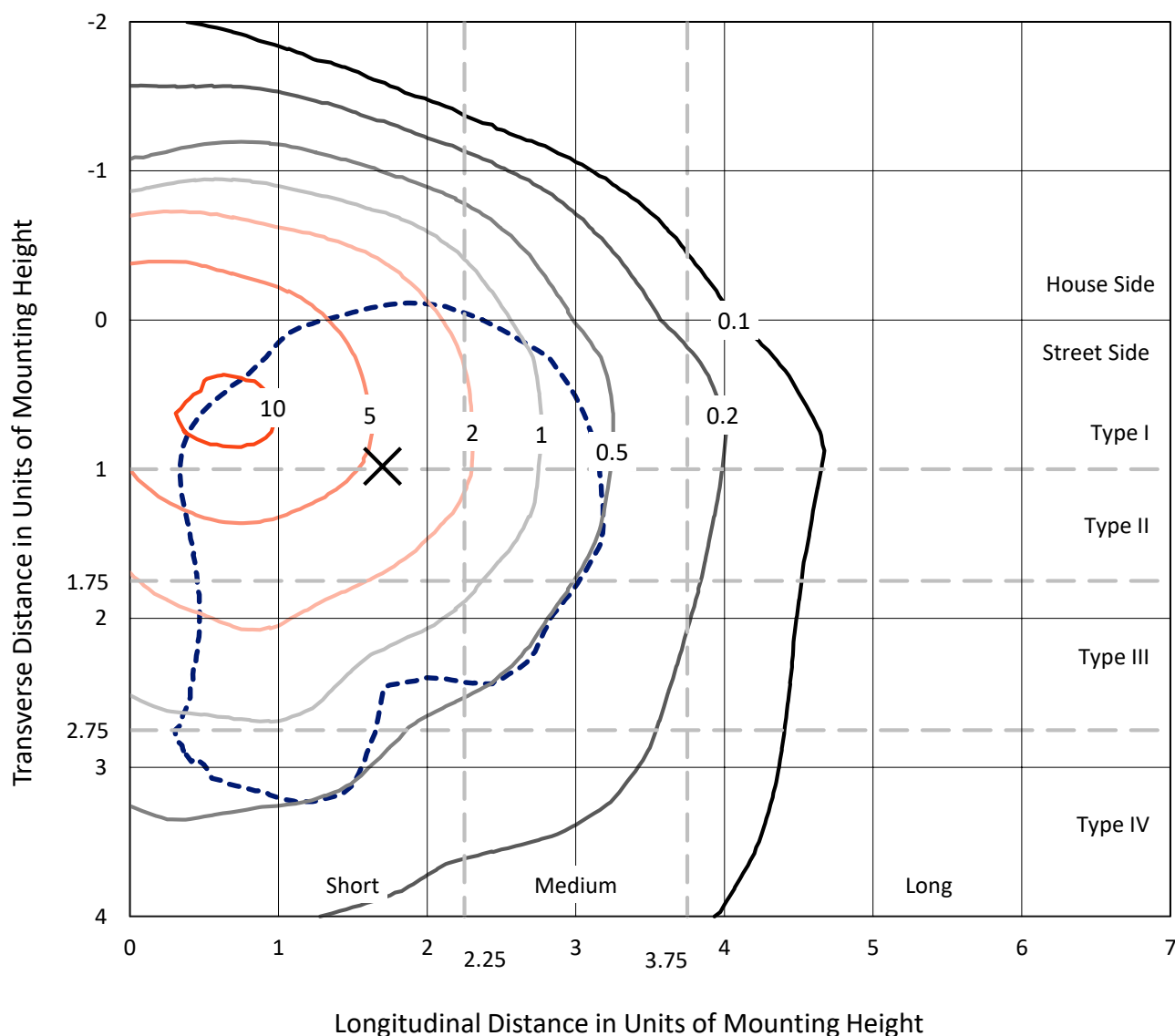
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## Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

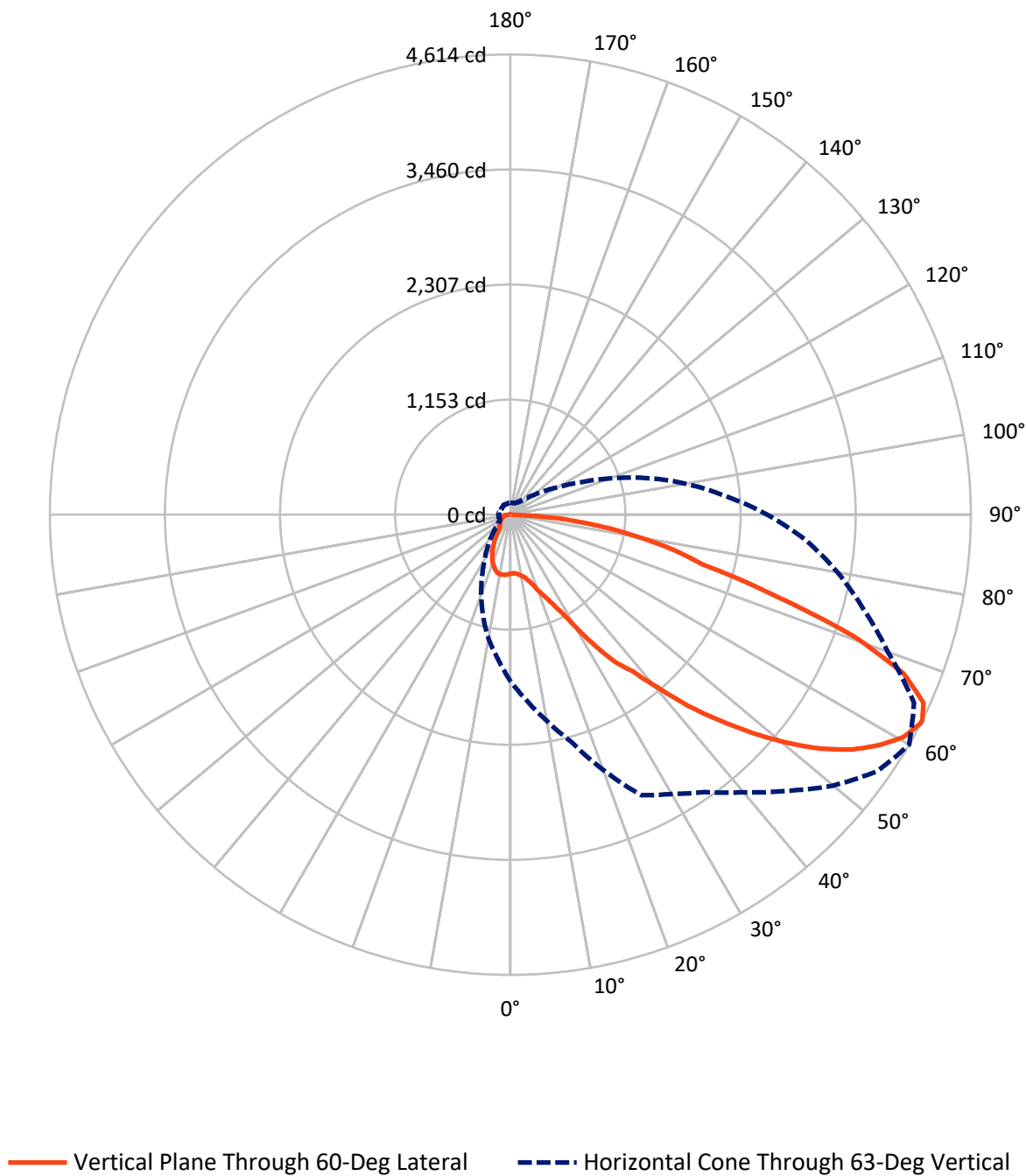


Based on 10 foot mounting height. Maximum calculated value = 11.7 fc  
 Type IV - Short - Non-Cutoff

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## Luminous Intensity Polar Plot



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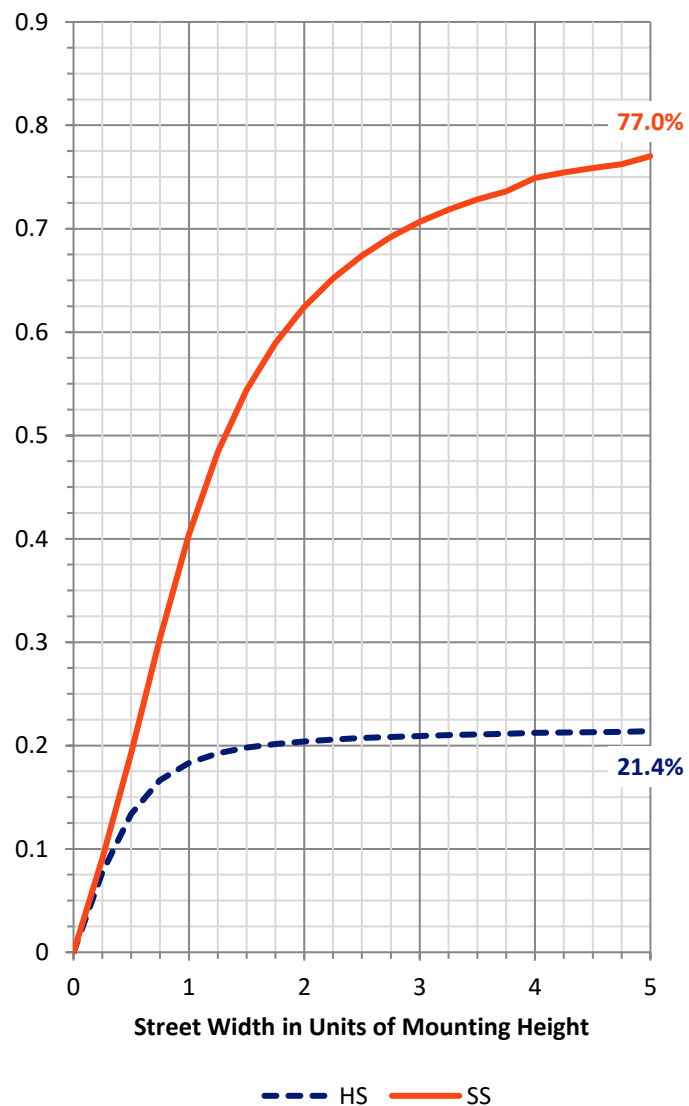
**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total  |
|--------------------|-----------|----------|--------|--------|
| <b>House Side</b>  | Lumens    | 1022.2   | 0.0    | 1022.2 |
|                    | % Fixture | 21.7     | 0.0    | 21.7   |
| <b>Street Side</b> | Lumens    | 3691.7   | 0.0    | 3691.7 |
|                    | % Fixture | 78.3     | 0.0    | 78.3   |
| <b>Total</b>       | Lumens    | 4713.9   | 0.0    | 4713.9 |
|                    | % Fixture | 100.0    | 0.0    | 100.0  |

**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 57.7   | 1.2       |
| 10°-20°   | 179.6  | 3.8       |
| 20°-30°   | 319.1  | 6.8       |
| 30°-40°   | 502.4  | 10.7      |
| 40°-50°   | 739.4  | 15.7      |
| 50°-60°   | 982.2  | 20.8      |
| 60°-70°   | 1081.9 | 23.0      |
| 70°-80°   | 678.8  | 14.4      |
| 80°-90°   | 172.9  | 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°    | 4713.9 | 100.0     |
| 0°-180°   | 4713.9 | 100.0     |

**Coefficient of Utilization**



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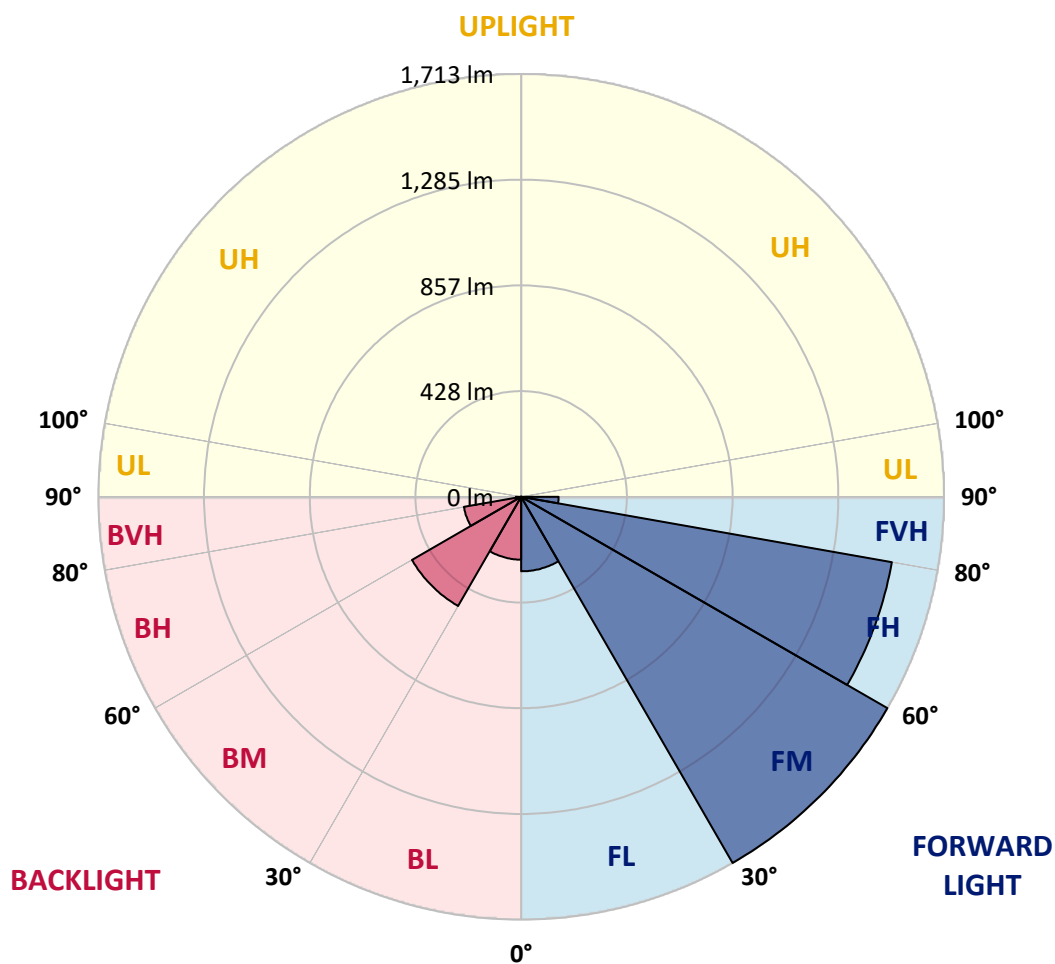
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

| Zone |             | Lumens | % Fixture | Zone Rating/Lumen Limit |      |         |
|------|-------------|--------|-----------|-------------------------|------|---------|
|      |             |        |           | B                       | U    | G       |
| FL   | (0°-30°)    | 301.8  | 6.4       |                         |      |         |
| FM   | (30°-60°)   | 1713.1 | 36.3      |                         |      |         |
| FH   | (60°-80°)   | 1525.0 | 32.4      |                         |      | G1/1800 |
| FVH  | (80°-90°)   | 151.7  | 3.2       |                         |      | G2/225  |
| BL   | (0°-30°)    | 254.5  | 5.4       | B1/500                  |      |         |
| BM   | (30°-60°)   | 510.9  | 10.8      | B1/1000                 |      |         |
| BH   | (60°-80°)   | 235.6  | 5.0       | B1/500                  |      | G1/500  |
| BVH  | (80°-90°)   | 21.2   | 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°    | 592.4  | 592.4  | 592.4  | 592.4  | 592.4  | 592.4  | 592.4  | 592.4  | 592.4  | 592.4  | 592.4  |
| 2.5°  | 584.5  | 585.6  | 585.6  | 585.1  | 585.1  | 586.2  | 585.6  | 585.1  | 583.3  | 585.6  | 585.6  |
| 5°    | 580.0  | 581.1  | 581.1  | 582.2  | 583.3  | 584.5  | 584.5  | 585.6  | 585.1  | 587.4  | 589.0  |
| 7.5°  | 585.6  | 586.7  | 589.0  | 591.8  | 593.5  | 597.5  | 597.5  | 600.3  | 601.5  | 603.1  | 602.6  |
| 10°   | 593.0  | 595.8  | 600.8  | 605.4  | 608.8  | 613.3  | 616.7  | 620.6  | 620.6  | 622.3  | 623.4  |
| 12.5° | 605.9  | 608.8  | 614.4  | 620.1  | 625.2  | 630.8  | 635.9  | 639.8  | 643.7  | 644.9  | 647.2  |
| 15°   | 627.4  | 630.8  | 639.3  | 647.2  | 653.4  | 660.7  | 667.5  | 675.4  | 682.7  | 684.5  | 685.6  |
| 17.5° | 659.6  | 666.3  | 672.5  | 686.7  | 695.8  | 705.3  | 716.1  | 727.4  | 729.6  | 741.5  | 744.2  |
| 20°   | 705.3  | 713.8  | 719.5  | 737.0  | 752.2  | 764.7  | 780.4  | 793.5  | 798.5  | 809.8  | 821.1  |
| 22.5° | 784.4  | 782.7  | 791.2  | 808.7  | 820.0  | 844.8  | 858.3  | 871.9  | 878.7  | 895.6  | 904.7  |
| 25°   | 890.6  | 899.6  | 918.2  | 919.9  | 930.7  | 959.5  | 977.0  | 990.5  | 991.1  | 996.2  | 1005.8 |
| 27.5° | 995.0  | 1032.3 | 1061.7 | 1077.5 | 1106.3 | 1132.8 | 1131.7 | 1150.9 | 1120.9 | 1127.2 | 1136.2 |
| 30°   | 1121.6 | 1183.6 | 1239.0 | 1276.3 | 1305.6 | 1336.7 | 1351.9 | 1362.7 | 1349.6 | 1344.0 | 1333.3 |
| 32.5° | 1240.1 | 1327.0 | 1412.3 | 1478.4 | 1533.2 | 1584.6 | 1618.4 | 1633.7 | 1651.8 | 1697.5 | 1713.9 |
| 35°   | 1321.5 | 1444.6 | 1550.7 | 1646.1 | 1737.6 | 1819.5 | 1878.9 | 1912.7 | 1899.7 | 1893.5 | 1890.2 |
| 37.5° | 1370.1 | 1520.2 | 1653.0 | 1787.9 | 1893.0 | 2015.4 | 2107.6 | 2196.8 | 2217.1 | 2181.5 | 2164.0 |
| 40°   | 1400.5 | 1578.3 | 1748.9 | 1908.2 | 2044.2 | 2202.4 | 2316.5 | 2450.3 | 2551.9 | 2565.5 | 2523.7 |
| 42.5° | 1415.1 | 1617.3 | 1816.2 | 1996.3 | 2180.4 | 2374.1 | 2518.7 | 2680.7 | 2832.6 | 2937.1 | 2911.1 |
| 45°   | 1417.4 | 1642.8 | 1865.3 | 2075.9 | 2295.0 | 2524.9 | 2711.2 | 2890.8 | 3094.1 | 3273.1 | 3278.1 |
| 47.5° | 1417.4 | 1662.0 | 1899.2 | 2133.5 | 2397.8 | 2655.9 | 2859.2 | 3071.5 | 3320.5 | 3532.3 | 3597.2 |
| 50°   | 1418.5 | 1674.9 | 1930.8 | 2178.7 | 2476.3 | 2766.5 | 2996.4 | 3247.2 | 3509.1 | 3739.6 | 3865.0 |
| 52.5° | 1423.6 | 1684.6 | 1955.6 | 2210.9 | 2527.2 | 2844.5 | 3103.1 | 3392.2 | 3653.2 | 3889.7 | 4051.8 |
| 55°   | 1434.9 | 1698.1 | 1973.7 | 2230.7 | 2561.0 | 2895.3 | 3180.5 | 3491.6 | 3746.3 | 3986.3 | 4212.7 |
| 57.5° | 1466.5 | 1721.9 | 1995.8 | 2248.2 | 2579.6 | 2928.6 | 3234.7 | 3534.6 | 3781.9 | 4032.1 | 4298.0 |
| 60°   | 1529.8 | 1772.1 | 2033.6 | 2283.1 | 2610.7 | 2990.2 | 3260.7 | 3505.8 | 3756.0 | 4018.5 | 4317.3 |
| 62.5° | 1630.9 | 1850.6 | 2086.1 | 2342.5 | 2699.4 | 3085.6 | 3240.9 | 3419.9 | 3653.7 | 3940.0 | 4248.9 |
| 63°   | 1665.9 | 1867.6 | 2097.9 | 2355.4 | 2723.6 | 3103.1 | 3232.4 | 3394.5 | 3632.8 | 3915.2 | 4224.7 |
| 65°   | 1763.6 | 1942.6 | 2154.4 | 2420.9 | 2823.6 | 3120.6 | 3166.3 | 3262.4 | 3488.3 | 3773.5 | 4081.2 |
| 67.5° | 1946.0 | 2125.1 | 2275.9 | 2531.6 | 2907.8 | 3051.7 | 2961.3 | 2973.3 | 3209.3 | 3504.7 | 3781.3 |
| 70°   | 2061.2 | 2274.7 | 2353.2 | 2545.7 | 2892.4 | 2949.5 | 2696.0 | 2539.0 | 2728.2 | 3064.8 | 3306.9 |
| 72.5° | 2031.3 | 2276.4 | 2267.9 | 2357.7 | 2587.6 | 2640.6 | 2378.0 | 2130.7 | 2243.0 | 2494.4 | 2651.3 |
| 75°   | 1739.9 | 2033.0 | 1970.9 | 1952.7 | 2033.6 | 2068.6 | 1871.5 | 1833.7 | 1975.3 | 2114.8 | 2117.1 |
| 77.5° | 1252.5 | 1575.0 | 1502.2 | 1397.7 | 1392.0 | 1472.7 | 1499.3 | 1747.3 | 1956.8 | 2066.8 | 2018.3 |
| 80°   | 797.9  | 1147.5 | 1071.8 | 889.4  | 886.6  | 991.6  | 1224.9 | 1562.0 | 1783.9 | 1845.5 | 1719.0 |
| 82.5° | 416.8  | 751.1  | 779.9  | 667.5  | 764.0  | 938.0  | 1165.6 | 1258.8 | 1342.9 | 1351.4 | 1202.3 |
| 85°   | 259.8  | 462.0  | 543.2  | 560.7  | 690.1  | 831.8  | 830.2  | 797.4  | 760.1  | 650.6  | 588.4  |
| 87.5° | 29.3   | 58.1   | 88.1   | 83.6   | 112.3  | 157.5  | 196.5  | 115.2  | 80.7   | 29.3   | 40.6   |
| 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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**CANDELA DISTRIBUTION (continued):**

|       | 55°    | 60°    | 65°    | 70°    | 75°    | 80°    | 85°    | 90°    | 95°    | 100°   | 105°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 592.4  | 592.4  | 592.4  | 592.4  | 592.4  | 592.4  | 592.4  | 592.4  | 592.4  | 592.4  | 592.4  |
| 2.5°  | 586.7  | 587.4  | 587.9  | 587.9  | 590.7  | 590.2  | 590.7  | 591.8  | 593.5  | 594.6  | 595.8  |
| 5°    | 591.3  | 591.3  | 593.5  | 595.2  | 598.5  | 600.8  | 602.0  | 605.4  | 609.3  | 608.2  | 611.6  |
| 7.5°  | 605.9  | 605.4  | 607.7  | 608.8  | 611.6  | 615.5  | 615.0  | 617.8  | 621.1  | 622.3  | 625.2  |
| 10°   | 625.7  | 624.0  | 624.0  | 622.9  | 623.4  | 622.3  | 622.3  | 622.3  | 624.6  | 624.0  | 626.3  |
| 12.5° | 646.0  | 645.5  | 644.4  | 640.9  | 640.9  | 636.5  | 634.2  | 631.4  | 630.8  | 626.8  | 627.4  |
| 15°   | 687.9  | 687.9  | 685.6  | 678.8  | 673.2  | 669.2  | 663.5  | 659.6  | 654.0  | 646.6  | 642.7  |
| 17.5° | 748.8  | 740.9  | 738.1  | 737.0  | 727.9  | 724.6  | 712.1  | 699.2  | 693.0  | 682.7  | 677.1  |
| 20°   | 823.3  | 821.7  | 810.4  | 804.8  | 793.5  | 777.6  | 761.8  | 744.9  | 734.7  | 722.3  | 715.5  |
| 22.5° | 907.5  | 895.0  | 889.4  | 880.9  | 863.4  | 845.4  | 821.7  | 799.1  | 783.2  | 774.8  | 769.7  |
| 25°   | 1005.8 | 993.4  | 987.7  | 976.4  | 954.9  | 935.8  | 906.3  | 879.8  | 865.7  | 851.6  | 843.7  |
| 27.5° | 1136.2 | 1124.4 | 1117.6 | 1088.2 | 1080.8 | 1049.2 | 1013.1 | 977.0  | 958.3  | 937.4  | 923.8  |
| 30°   | 1331.1 | 1331.6 | 1296.6 | 1261.0 | 1224.4 | 1169.5 | 1131.7 | 1091.0 | 1060.5 | 1030.6 | 1000.7 |
| 32.5° | 1660.3 | 1576.2 | 1511.2 | 1434.9 | 1355.3 | 1297.2 | 1250.3 | 1201.8 | 1159.4 | 1115.9 | 1066.2 |
| 35°   | 1861.3 | 1820.6 | 1736.5 | 1597.0 | 1516.8 | 1446.2 | 1394.3 | 1335.5 | 1283.6 | 1206.8 | 1131.1 |
| 37.5° | 2088.3 | 1994.0 | 1891.8 | 1814.4 | 1723.5 | 1641.7 | 1554.7 | 1488.0 | 1398.2 | 1294.9 | 1187.6 |
| 40°   | 2419.8 | 2284.9 | 2161.8 | 2057.8 | 1940.4 | 1854.5 | 1757.4 | 1660.8 | 1541.7 | 1392.0 | 1244.7 |
| 42.5° | 2766.0 | 2626.5 | 2463.8 | 2328.9 | 2190.6 | 2090.1 | 1969.7 | 1834.2 | 1659.2 | 1473.9 | 1293.8 |
| 45°   | 3129.1 | 2942.7 | 2747.9 | 2583.0 | 2439.0 | 2314.2 | 2165.1 | 1985.6 | 1772.1 | 1547.4 | 1339.5 |
| 47.5° | 3487.2 | 3273.1 | 3041.0 | 2863.7 | 2676.2 | 2523.7 | 2340.7 | 2113.8 | 1860.2 | 1616.8 | 1385.3 |
| 50°   | 3802.8 | 3596.7 | 3317.1 | 3091.8 | 2902.1 | 2714.0 | 2485.9 | 2212.5 | 1929.6 | 1676.7 | 1426.4 |
| 52.5° | 4075.0 | 3897.7 | 3603.4 | 3318.9 | 3100.3 | 2889.1 | 2602.8 | 2292.2 | 1999.7 | 1732.0 | 1460.3 |
| 55°   | 4274.9 | 4156.9 | 3885.8 | 3532.8 | 3274.8 | 3022.9 | 2701.7 | 2369.0 | 2065.7 | 1776.1 | 1482.4 |
| 57.5° | 4425.7 | 4360.2 | 4127.6 | 3734.5 | 3435.1 | 3152.8 | 2803.8 | 2461.0 | 2131.2 | 1813.9 | 1492.5 |
| 60°   | 4508.2 | 4526.2 | 4310.5 | 3910.7 | 3576.9 | 3261.2 | 2906.0 | 2539.5 | 2179.8 | 1835.9 | 1486.9 |
| 62.5° | 4500.2 | 4610.9 | 4447.7 | 4019.1 | 3659.4 | 3325.6 | 2974.9 | 2576.3 | 2173.1 | 1800.9 | 1435.5 |
| 63°   | 4485.0 | 4613.8 | 4463.0 | 4026.4 | 3664.5 | 3327.9 | 2976.6 | 2571.2 | 2159.0 | 1783.9 | 1415.1 |
| 65°   | 4353.4 | 4548.8 | 4449.9 | 3993.2 | 3619.3 | 3285.5 | 2941.0 | 2497.7 | 2059.5 | 1693.1 | 1310.7 |
| 67.5° | 4001.0 | 4245.5 | 4217.3 | 3757.6 | 3405.3 | 3110.5 | 2759.2 | 2261.1 | 1813.9 | 1469.4 | 1110.8 |
| 70°   | 3418.8 | 3648.6 | 3653.7 | 3268.0 | 2973.8 | 2684.7 | 2392.7 | 1839.9 | 1437.7 | 1139.1 | 828.4  |
| 72.5° | 2620.3 | 2768.3 | 2819.6 | 2565.5 | 2368.4 | 2165.1 | 1903.1 | 1335.5 | 1025.0 | 774.8  | 539.3  |
| 75°   | 2029.0 | 1988.4 | 1987.8 | 1880.5 | 1800.3 | 1700.9 | 1413.0 | 901.2  | 673.2  | 503.7  | 329.8  |
| 77.5° | 1824.0 | 1643.3 | 1468.3 | 1339.5 | 1275.1 | 1241.8 | 926.7  | 543.2  | 397.0  | 289.7  | 189.7  |
| 80°   | 1504.5 | 1237.8 | 1000.1 | 861.2  | 805.8  | 844.2  | 516.7  | 293.7  | 217.4  | 164.9  | 123.1  |
| 82.5° | 1037.4 | 861.2  | 654.5  | 542.2  | 465.3  | 486.7  | 264.2  | 150.3  | 100.5  | 92.0   | 76.3   |
| 85°   | 540.4  | 473.8  | 399.8  | 343.3  | 303.2  | 266.5  | 137.2  | 71.7   | 41.8   | 36.7   | 33.4   |
| 87.5° | 0.0    | 0.5    | 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°    | 592.4  | 592.4 | 592.4 | 592.4 | 592.4 | 592.4 | 592.4 | 592.4 | 592.4 | 592.4 | 592.4 |
| 2.5°  | 597.5  | 596.9 | 598.0 | 598.5 | 600.3 | 601.5 | 602.0 | 600.8 | 602.6 | 604.2 | 603.1 |
| 5°    | 613.3  | 617.2 | 617.8 | 619.5 | 619.5 | 622.9 | 622.9 | 622.9 | 622.3 | 622.9 | 621.8 |
| 7.5°  | 626.8  | 631.9 | 632.4 | 634.7 | 635.3 | 639.3 | 637.6 | 638.7 | 638.7 | 635.9 | 634.7 |
| 10°   | 628.5  | 633.6 | 636.5 | 639.3 | 643.2 | 648.3 | 648.3 | 651.1 | 651.1 | 648.8 | 648.3 |
| 12.5° | 629.1  | 633.1 | 635.9 | 639.8 | 645.5 | 652.8 | 656.8 | 660.7 | 662.4 | 661.9 | 660.1 |
| 15°   | 640.9  | 640.9 | 641.6 | 644.9 | 648.8 | 657.9 | 663.5 | 668.1 | 670.9 | 669.7 | 666.9 |
| 17.5° | 672.0  | 667.5 | 664.1 | 658.4 | 659.6 | 664.1 | 667.5 | 671.4 | 672.0 | 670.9 | 666.3 |
| 20°   | 708.2  | 702.5 | 694.0 | 685.0 | 680.5 | 677.1 | 674.8 | 674.8 | 673.2 | 667.5 | 660.1 |
| 22.5° | 759.6  | 752.2 | 740.3 | 726.8 | 717.7 | 707.0 | 694.0 | 681.7 | 668.1 | 654.5 | 638.7 |
| 25°   | 830.7  | 820.5 | 808.1 | 787.3 | 768.0 | 745.4 | 718.9 | 691.2 | 659.1 | 630.8 | 607.7 |
| 27.5° | 902.4  | 879.8 | 847.7 | 818.9 | 783.2 | 749.4 | 711.5 | 677.6 | 636.5 | 602.6 | 577.1 |
| 30°   | 961.8  | 918.8 | 872.5 | 826.7 | 779.9 | 734.1 | 688.9 | 648.3 | 603.1 | 568.7 | 543.8 |
| 32.5° | 1007.5 | 948.2 | 883.7 | 823.9 | 766.3 | 710.4 | 658.4 | 613.3 | 567.6 | 531.9 | 505.4 |
| 35°   | 1049.8 | 967.4 | 885.5 | 811.5 | 740.3 | 682.2 | 623.4 | 574.3 | 525.8 | 488.5 | 459.7 |
| 37.5° | 1081.5 | 976.4 | 875.3 | 788.4 | 706.4 | 641.6 | 581.7 | 531.4 | 481.7 | 441.0 | 408.3 |
| 40°   | 1101.8 | 970.8 | 853.3 | 755.0 | 666.3 | 598.0 | 537.0 | 485.1 | 437.1 | 392.4 | 353.0 |
| 42.5° | 1118.1 | 963.4 | 831.3 | 724.6 | 634.7 | 560.2 | 497.5 | 441.7 | 393.1 | 344.5 | 301.0 |
| 45°   | 1142.4 | 969.0 | 821.7 | 703.1 | 606.5 | 528.0 | 459.1 | 400.9 | 350.2 | 302.7 | 260.9 |
| 47.5° | 1166.1 | 971.9 | 807.6 | 676.6 | 570.9 | 494.7 | 424.7 | 368.2 | 316.3 | 272.7 | 234.4 |
| 50°   | 1187.6 | 970.2 | 785.5 | 642.7 | 536.5 | 461.3 | 393.6 | 337.1 | 285.7 | 245.7 | 209.5 |
| 52.5° | 1197.7 | 960.6 | 758.4 | 609.8 | 508.8 | 432.0 | 363.1 | 308.3 | 257.5 | 219.7 | 186.3 |
| 55°   | 1196.7 | 935.8 | 722.8 | 578.9 | 478.3 | 400.9 | 333.2 | 279.0 | 233.3 | 198.2 | 169.4 |
| 57.5° | 1179.7 | 897.3 | 685.0 | 544.4 | 438.2 | 362.6 | 298.1 | 245.7 | 207.3 | 177.9 | 153.6 |
| 60°   | 1144.1 | 848.2 | 635.3 | 494.1 | 388.0 | 315.1 | 254.7 | 209.5 | 178.4 | 155.9 | 140.0 |
| 62.5° | 1077.5 | 777.6 | 573.2 | 424.1 | 320.2 | 253.6 | 201.0 | 171.7 | 148.5 | 134.9 | 127.7 |
| 63°   | 1057.7 | 758.4 | 546.6 | 407.2 | 304.4 | 239.5 | 189.7 | 159.3 | 142.3 | 130.5 | 123.6 |
| 65°   | 959.5  | 664.1 | 457.4 | 328.7 | 236.6 | 184.7 | 152.4 | 129.3 | 119.2 | 114.1 | 113.5 |
| 67.5° | 777.1  | 522.4 | 323.6 | 225.3 | 160.9 | 133.3 | 116.9 | 107.3 | 102.8 | 101.7 | 102.8 |
| 70°   | 545.5  | 329.8 | 205.6 | 149.6 | 119.2 | 107.3 | 100.0 | 96.0  | 93.2  | 93.8  | 94.9  |
| 72.5° | 347.9  | 197.6 | 141.1 | 113.5 | 100.5 | 94.3  | 90.9  | 89.7  | 89.2  | 88.7  | 88.7  |
| 75°   | 198.2  | 131.6 | 108.4 | 98.2  | 91.5  | 86.4  | 83.6  | 82.5  | 83.0  | 83.6  | 82.5  |
| 77.5° | 131.0  | 108.4 | 96.6  | 89.7  | 83.6  | 77.9  | 76.3  | 75.6  | 76.8  | 77.9  | 77.9  |
| 80°   | 103.3  | 96.6  | 89.7  | 83.0  | 72.8  | 68.9  | 70.1  | 70.6  | 70.1  | 70.6  | 68.9  |
| 82.5° | 72.8   | 71.7  | 73.4  | 70.6  | 60.4  | 57.0  | 56.0  | 56.5  | 55.3  | 55.3  | 54.2  |
| 85°   | 33.9   | 33.9  | 35.5  | 35.5  | 34.4  | 35.0  | 37.8  | 41.2  | 42.9  | 41.2  | 39.0  |
| 87.5° | 0.0    | 0.0   | 0.0   | 0.0   | 0.0   | 5.1   | 10.2  | 14.7  | 15.9  | 19.8  | 19.2  |
| 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: P153176

CATALOG NUMBER: AVS-F02-LED-E-U-SLL-7050

**CANDELA DISTRIBUTION (continued):**

|       | 165°  | 170°  | 175°  | 180°  | 185°  | 190°  | 195°  | 200°  | 205°  | 210°  | 215°  |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°    | 592.4 | 592.4 | 592.4 | 592.4 | 592.4 | 592.4 | 592.4 | 592.4 | 592.4 | 592.4 | 592.4 |
| 2.5°  | 601.5 | 602.6 | 602.0 | 601.5 | 602.6 | 601.5 | 602.0 | 601.5 | 601.5 | 600.8 | 600.8 |
| 5°    | 620.6 | 622.3 | 619.0 | 618.3 | 617.2 | 614.4 | 614.4 | 613.3 | 613.3 | 611.0 | 609.3 |
| 7.5°  | 633.1 | 633.6 | 630.8 | 630.3 | 627.4 | 624.6 | 622.3 | 620.1 | 619.5 | 617.8 | 614.4 |
| 10°   | 644.9 | 643.7 | 641.6 | 638.7 | 635.9 | 631.9 | 629.1 | 626.3 | 625.7 | 622.9 | 619.0 |
| 12.5° | 655.0 | 654.5 | 649.9 | 647.2 | 642.7 | 638.7 | 635.3 | 631.9 | 630.3 | 626.8 | 621.1 |
| 15°   | 661.9 | 658.4 | 652.8 | 647.8 | 642.7 | 638.1 | 634.2 | 630.3 | 628.5 | 624.6 | 619.0 |
| 17.5° | 659.1 | 652.8 | 645.5 | 639.3 | 632.4 | 626.8 | 623.4 | 619.5 | 616.7 | 614.4 | 606.5 |
| 20°   | 648.8 | 639.8 | 628.5 | 621.1 | 612.1 | 604.8 | 602.6 | 598.5 | 596.4 | 587.9 | 577.7 |
| 22.5° | 622.3 | 609.3 | 595.2 | 584.5 | 574.3 | 566.9 | 561.3 | 557.4 | 551.7 | 546.6 | 530.9 |
| 25°   | 589.0 | 574.3 | 559.6 | 546.6 | 533.1 | 521.8 | 511.6 | 502.1 | 499.2 | 488.5 | 473.3 |
| 27.5° | 556.8 | 540.4 | 525.8 | 510.5 | 493.0 | 478.9 | 461.3 | 447.8 | 438.8 | 427.5 | 413.4 |
| 30°   | 522.4 | 506.0 | 486.2 | 465.9 | 445.6 | 430.4 | 410.6 | 394.2 | 382.9 | 371.0 | 358.0 |
| 32.5° | 478.9 | 459.1 | 435.4 | 412.8 | 394.2 | 376.1 | 356.4 | 340.5 | 329.2 | 318.5 | 306.1 |
| 35°   | 429.2 | 403.2 | 377.8 | 353.0 | 333.2 | 317.9 | 300.4 | 288.6 | 280.6 | 271.1 | 258.0 |
| 37.5° | 372.1 | 342.8 | 315.6 | 296.5 | 279.0 | 264.2 | 251.8 | 244.6 | 236.1 | 231.0 | 223.1 |
| 40°   | 314.5 | 285.7 | 259.2 | 241.7 | 227.0 | 218.5 | 211.8 | 210.1 | 204.5 | 197.6 | 192.5 |
| 42.5° | 263.7 | 236.1 | 210.1 | 196.0 | 186.3 | 184.1 | 180.7 | 180.7 | 177.9 | 172.8 | 169.4 |
| 45°   | 229.3 | 200.5 | 177.9 | 167.8 | 162.6 | 162.1 | 160.4 | 160.4 | 159.8 | 157.5 | 153.6 |
| 47.5° | 204.5 | 178.4 | 160.9 | 154.7 | 153.6 | 152.4 | 150.8 | 150.3 | 149.6 | 148.0 | 145.7 |
| 50°   | 181.9 | 159.8 | 148.5 | 145.7 | 146.2 | 144.6 | 142.9 | 141.1 | 140.6 | 139.0 | 136.7 |
| 52.5° | 160.9 | 145.2 | 137.8 | 136.1 | 136.1 | 136.1 | 134.9 | 134.9 | 133.9 | 133.3 | 131.0 |
| 55°   | 149.1 | 137.2 | 133.3 | 132.7 | 132.1 | 131.6 | 130.5 | 130.5 | 129.3 | 128.7 | 125.9 |
| 57.5° | 139.0 | 131.6 | 129.3 | 128.2 | 127.7 | 126.5 | 125.9 | 125.9 | 125.9 | 125.9 | 122.6 |
| 60°   | 131.0 | 127.7 | 127.0 | 125.9 | 125.4 | 123.1 | 122.0 | 121.5 | 122.0 | 122.6 | 119.2 |
| 62.5° | 122.6 | 122.0 | 121.5 | 120.3 | 119.7 | 117.5 | 115.8 | 114.6 | 115.8 | 116.9 | 116.4 |
| 63°   | 120.3 | 119.7 | 119.7 | 119.2 | 118.5 | 115.8 | 114.1 | 113.0 | 114.1 | 115.2 | 115.2 |
| 65°   | 112.3 | 113.0 | 113.0 | 112.3 | 111.8 | 110.2 | 107.9 | 106.7 | 107.3 | 109.0 | 109.5 |
| 67.5° | 103.9 | 104.5 | 103.9 | 104.5 | 103.9 | 102.8 | 101.0 | 100.0 | 99.4  | 100.0 | 100.5 |
| 70°   | 96.0  | 97.1  | 96.6  | 96.0  | 95.4  | 95.4  | 94.3  | 92.6  | 92.0  | 91.5  | 91.5  |
| 72.5° | 89.2  | 89.2  | 88.1  | 88.1  | 87.6  | 87.6  | 86.4  | 84.7  | 84.1  | 84.1  | 83.0  |
| 75°   | 81.9  | 81.9  | 80.2  | 80.2  | 79.1  | 79.6  | 78.4  | 76.8  | 76.3  | 76.3  | 75.6  |
| 77.5° | 77.4  | 75.6  | 72.8  | 72.3  | 71.7  | 71.7  | 71.2  | 69.4  | 68.9  | 68.9  | 68.3  |
| 80°   | 68.3  | 65.0  | 62.1  | 61.6  | 62.1  | 63.2  | 63.2  | 62.1  | 62.1  | 62.1  | 62.1  |
| 82.5° | 53.1  | 51.9  | 50.3  | 49.1  | 49.1  | 50.8  | 53.1  | 54.2  | 55.3  | 56.5  | 56.5  |
| 85°   | 39.0  | 39.5  | 39.0  | 37.3  | 36.7  | 38.4  | 40.6  | 42.9  | 43.5  | 45.7  | 45.2  |
| 87.5° | 20.9  | 21.5  | 19.8  | 19.2  | 20.9  | 22.1  | 24.2  | 24.9  | 26.0  | 26.5  | 27.2  |
| 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-F02-LED-E-U-SLL-7050

**CANDELA DISTRIBUTION (continued):**

|       | 220°  | 225°  | 230°  | 235°  | 240°  | 245°  | 250°  | 255°  | 260°  | 265°  | 270°  |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°    | 592.4 | 592.4 | 592.4 | 592.4 | 592.4 | 592.4 | 592.4 | 592.4 | 592.4 | 592.4 | 592.4 |
| 2.5°  | 600.3 | 599.7 | 600.3 | 599.2 | 599.2 | 598.0 | 596.9 | 596.4 | 595.2 | 594.6 | 593.5 |
| 5°    | 610.5 | 608.8 | 607.0 | 606.5 | 604.2 | 602.0 | 600.3 | 597.5 | 595.2 | 591.3 | 590.2 |
| 7.5°  | 617.2 | 613.3 | 611.0 | 610.5 | 607.0 | 605.4 | 601.5 | 598.0 | 594.6 | 589.5 | 587.9 |
| 10°   | 620.1 | 616.1 | 612.1 | 610.5 | 606.5 | 603.7 | 599.7 | 594.6 | 591.8 | 586.7 | 585.6 |
| 12.5° | 623.4 | 616.1 | 609.8 | 605.4 | 599.7 | 593.5 | 589.5 | 586.7 | 582.8 | 580.0 | 578.9 |
| 15°   | 617.2 | 607.7 | 598.0 | 589.5 | 580.5 | 573.8 | 569.8 | 565.3 | 560.7 | 559.1 | 559.1 |
| 17.5° | 600.3 | 587.9 | 571.5 | 560.7 | 551.2 | 543.8 | 538.8 | 534.2 | 533.7 | 531.4 | 532.5 |
| 20°   | 565.3 | 548.9 | 533.1 | 525.2 | 519.6 | 515.0 | 509.9 | 507.7 | 506.0 | 502.6 | 501.5 |
| 22.5° | 516.7 | 503.2 | 491.9 | 486.2 | 481.7 | 476.1 | 471.5 | 464.8 | 463.1 | 459.7 | 458.0 |
| 25°   | 463.1 | 452.3 | 442.7 | 438.8 | 436.0 | 428.1 | 425.2 | 416.2 | 409.9 | 406.0 | 408.3 |
| 27.5° | 409.4 | 401.6 | 392.4 | 387.4 | 385.7 | 378.3 | 375.5 | 365.4 | 360.3 | 360.3 | 354.6 |
| 30°   | 354.1 | 346.7 | 341.1 | 335.4 | 334.3 | 325.3 | 317.9 | 314.0 | 308.3 | 306.1 | 302.1 |
| 32.5° | 302.1 | 294.8 | 290.3 | 287.5 | 282.9 | 275.5 | 268.3 | 261.5 | 252.4 | 249.0 | 247.4 |
| 35°   | 254.1 | 248.5 | 242.8 | 240.5 | 234.4 | 226.4 | 217.4 | 211.8 | 201.0 | 197.1 | 195.4 |
| 37.5° | 217.4 | 210.7 | 206.7 | 200.5 | 194.3 | 185.8 | 179.0 | 173.9 | 169.9 | 168.3 | 168.3 |
| 40°   | 188.1 | 183.0 | 178.4 | 173.4 | 168.3 | 163.7 | 160.4 | 159.3 | 158.7 | 158.7 | 159.8 |
| 42.5° | 166.0 | 161.6 | 159.3 | 156.5 | 154.7 | 154.7 | 154.2 | 154.7 | 155.3 | 155.9 | 157.5 |
| 45°   | 151.3 | 148.5 | 147.4 | 146.8 | 148.0 | 149.1 | 149.6 | 150.8 | 153.1 | 154.2 | 154.7 |
| 47.5° | 143.4 | 141.1 | 140.6 | 141.1 | 142.9 | 145.2 | 147.4 | 149.1 | 150.8 | 151.3 | 151.9 |
| 50°   | 135.5 | 132.7 | 131.6 | 132.7 | 134.9 | 138.3 | 140.0 | 142.9 | 144.0 | 145.2 | 144.0 |
| 52.5° | 128.7 | 126.5 | 125.9 | 125.9 | 128.2 | 130.5 | 132.7 | 134.9 | 135.5 | 135.5 | 134.9 |
| 55°   | 123.1 | 121.5 | 119.7 | 120.8 | 122.6 | 124.8 | 128.2 | 129.8 | 131.0 | 131.6 | 131.6 |
| 57.5° | 118.5 | 116.9 | 115.2 | 116.4 | 118.0 | 120.3 | 123.6 | 125.4 | 126.5 | 128.2 | 128.7 |
| 60°   | 115.2 | 113.0 | 111.3 | 113.0 | 114.6 | 118.0 | 120.8 | 122.6 | 125.4 | 125.9 | 125.9 |
| 62.5° | 111.8 | 109.5 | 106.7 | 108.4 | 108.4 | 110.2 | 113.0 | 115.2 | 118.0 | 119.2 | 119.2 |
| 63°   | 111.3 | 109.0 | 106.2 | 107.3 | 107.3 | 108.4 | 110.7 | 113.0 | 116.4 | 117.5 | 116.9 |
| 65°   | 106.7 | 106.2 | 103.3 | 103.3 | 102.2 | 103.3 | 105.1 | 107.3 | 109.0 | 110.7 | 110.7 |
| 67.5° | 99.4  | 98.9  | 98.2  | 98.2  | 98.2  | 99.4  | 100.5 | 102.2 | 103.9 | 105.1 | 104.5 |
| 70°   | 90.9  | 90.9  | 90.9  | 91.5  | 91.5  | 92.6  | 93.2  | 92.6  | 94.3  | 95.4  | 94.9  |
| 72.5° | 83.6  | 83.0  | 82.5  | 83.6  | 83.0  | 83.0  | 84.1  | 83.6  | 85.3  | 85.3  | 85.8  |
| 75°   | 75.6  | 75.1  | 75.1  | 75.6  | 74.5  | 73.4  | 74.0  | 74.0  | 74.5  | 74.5  | 75.6  |
| 77.5° | 68.9  | 68.9  | 68.9  | 68.3  | 67.2  | 66.6  | 66.1  | 66.1  | 66.1  | 66.1  | 66.6  |
| 80°   | 62.7  | 62.7  | 62.7  | 62.1  | 61.0  | 59.9  | 58.8  | 58.1  | 57.6  | 54.8  | 54.8  |
| 82.5° | 56.5  | 56.5  | 56.5  | 56.5  | 56.0  | 54.8  | 53.1  | 48.6  | 46.3  | 44.0  | 44.7  |
| 85°   | 44.7  | 45.7  | 46.8  | 48.6  | 48.0  | 48.0  | 44.7  | 39.0  | 35.5  | 33.4  | 33.9  |
| 87.5° | 28.8  | 25.4  | 25.4  | 24.9  | 23.7  | 22.6  | 22.6  | 19.2  | 15.9  | 14.1  | 14.7  |
| 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: P153176  
CATALOG NUMBER: AVS-F02-LED-E-U-SLL-7050

REPORT N  
CATALOG

**CANDELA DISTRIBUTION (continued):**

**CANDELA**

|       | 275°  | 280°  | 285°  | 290°  | 295°  | 300°  | 305°  | 310°  | 315°  | 320°  | 325°  |       |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°    | 592.4 | 592.4 | 592.4 | 592.4 | 592.4 | 592.4 | 592.4 | 592.4 | 592.4 | 592.4 | 592.4 | 0°    |
| 2.5°  | 593.5 | 592.4 | 591.3 | 591.3 | 589.5 | 589.5 | 588.4 | 590.7 | 588.4 | 586.7 | 586.7 | 2.5°  |
| 5°    | 589.0 | 587.9 | 584.5 | 583.9 | 581.7 | 581.7 | 581.7 | 580.5 | 580.5 | 579.4 | 578.9 | 5°    |
| 7.5°  | 586.2 | 583.3 | 580.5 | 578.9 | 578.9 | 577.7 | 580.0 | 578.9 | 579.4 | 579.4 | 580.0 | 7.5°  |
| 10°   | 583.9 | 581.7 | 580.5 | 580.0 | 580.0 | 581.7 | 583.3 | 583.9 | 583.3 | 583.9 | 583.9 | 10°   |
| 12.5° | 578.2 | 579.4 | 580.0 | 582.2 | 585.1 | 588.4 | 592.4 | 593.0 | 594.1 | 594.1 | 595.2 | 12.5° |
| 15°   | 560.2 | 563.0 | 566.4 | 572.0 | 579.4 | 586.7 | 594.1 | 600.3 | 605.9 | 608.8 | 611.0 | 15°   |
| 17.5° | 534.8 | 537.6 | 543.8 | 550.1 | 559.6 | 570.4 | 582.8 | 593.5 | 605.4 | 616.1 | 626.8 | 17.5° |
| 20°   | 500.3 | 504.9 | 506.5 | 517.8 | 529.1 | 543.8 | 558.5 | 575.4 | 595.8 | 616.1 | 637.0 | 20°   |
| 22.5° | 455.8 | 460.8 | 468.7 | 477.7 | 489.6 | 507.7 | 525.2 | 551.7 | 578.9 | 607.7 | 640.4 | 22.5° |
| 25°   | 406.0 | 411.7 | 418.4 | 428.1 | 439.9 | 459.1 | 484.6 | 512.7 | 546.1 | 583.9 | 624.6 | 25°   |
| 27.5° | 354.6 | 360.3 | 365.9 | 372.7 | 386.2 | 406.6 | 436.5 | 465.9 | 502.6 | 543.8 | 591.3 | 27.5° |
| 30°   | 303.2 | 303.8 | 307.3 | 315.6 | 329.8 | 356.4 | 378.3 | 415.0 | 453.5 | 497.0 | 551.7 | 30°   |
| 32.5° | 246.7 | 246.2 | 250.2 | 257.5 | 271.1 | 296.5 | 323.6 | 359.2 | 397.0 | 451.8 | 508.3 | 32.5° |
| 35°   | 196.5 | 196.5 | 203.8 | 211.2 | 226.4 | 244.6 | 268.3 | 299.9 | 344.5 | 395.3 | 451.8 | 35°   |
| 37.5° | 169.9 | 173.9 | 178.4 | 185.8 | 197.6 | 211.8 | 232.6 | 260.3 | 295.3 | 343.9 | 395.9 | 37.5° |
| 40°   | 161.6 | 163.7 | 167.8 | 174.5 | 184.7 | 197.6 | 212.8 | 233.8 | 260.9 | 299.9 | 347.3 | 40°   |
| 42.5° | 158.1 | 158.7 | 160.9 | 166.0 | 175.0 | 188.1 | 203.8 | 222.5 | 242.8 | 270.5 | 311.7 | 42.5° |
| 45°   | 154.7 | 154.2 | 155.3 | 159.3 | 166.6 | 181.2 | 199.4 | 219.7 | 240.0 | 263.1 | 297.0 | 45°   |
| 47.5° | 151.9 | 151.9 | 151.9 | 153.6 | 160.4 | 175.0 | 196.0 | 219.7 | 243.9 | 269.9 | 303.2 | 47.5° |
| 50°   | 144.0 | 143.4 | 143.4 | 144.6 | 149.6 | 165.5 | 190.3 | 219.1 | 250.8 | 284.7 | 322.5 | 50°   |
| 52.5° | 134.9 | 134.9 | 135.5 | 136.1 | 140.6 | 156.5 | 184.1 | 219.1 | 258.7 | 303.8 | 351.3 | 52.5° |
| 55°   | 132.1 | 132.7 | 133.3 | 132.7 | 136.1 | 149.6 | 177.3 | 215.8 | 262.1 | 319.1 | 382.3 | 55°   |
| 57.5° | 129.8 | 131.0 | 131.0 | 130.5 | 132.7 | 144.0 | 170.6 | 208.9 | 259.2 | 324.7 | 404.4 | 57.5° |
| 60°   | 126.5 | 126.5 | 126.5 | 124.8 | 125.9 | 136.1 | 160.4 | 198.2 | 250.2 | 319.6 | 407.8 | 60°   |
| 62.5° | 119.2 | 119.2 | 118.0 | 117.5 | 116.9 | 124.8 | 146.8 | 182.4 | 233.8 | 306.1 | 399.3 | 62.5° |
| 63°   | 117.5 | 116.9 | 116.9 | 115.2 | 115.2 | 122.6 | 144.0 | 180.1 | 229.3 | 302.7 | 395.9 | 63°   |
| 65°   | 111.3 | 111.3 | 111.3 | 110.2 | 109.5 | 115.2 | 132.7 | 164.4 | 211.8 | 286.8 | 379.0 | 65°   |
| 67.5° | 104.5 | 105.1 | 103.9 | 103.3 | 102.8 | 106.2 | 119.7 | 144.6 | 184.7 | 253.6 | 347.3 | 67.5° |
| 70°   | 94.9  | 95.4  | 95.4  | 94.9  | 94.3  | 96.6  | 105.1 | 124.2 | 153.1 | 211.2 | 296.0 | 70°   |
| 72.5° | 86.4  | 87.6  | 87.6  | 88.7  | 88.7  | 90.4  | 93.8  | 103.3 | 122.6 | 164.9 | 232.6 | 72.5° |
| 75°   | 77.4  | 77.9  | 79.1  | 80.2  | 79.1  | 78.4  | 79.1  | 86.4  | 96.0  | 122.0 | 166.0 | 75°   |
| 77.5° | 69.4  | 71.2  | 71.2  | 70.6  | 68.9  | 67.8  | 67.8  | 71.2  | 79.1  | 92.6  | 118.5 | 77.5° |
| 80°   | 57.6  | 60.4  | 61.0  | 59.3  | 57.6  | 57.6  | 58.8  | 61.0  | 66.1  | 76.3  | 89.7  | 80°   |
| 82.5° | 46.3  | 49.1  | 49.7  | 50.3  | 49.7  | 51.4  | 51.4  | 51.9  | 54.8  | 62.7  | 73.4  | 82.5° |
| 85°   | 35.5  | 37.8  | 39.5  | 40.1  | 40.6  | 41.2  | 40.6  | 37.8  | 39.5  | 44.7  | 49.7  | 85°   |
| 87.5° | 15.9  | 16.4  | 15.2  | 15.9  | 15.2  | 15.9  | 16.4  | 13.6  | 13.0  | 17.5  | 18.0  | 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: P153176

NUMBER: AVS-F02-LED-E-U-SLL-7050

**DISTRIBUTION (continued):**

| 330°  | 335°  | 340°  | 345°   | 350°   | 355°   | 360°   |
|-------|-------|-------|--------|--------|--------|--------|
| 592.4 | 592.4 | 592.4 | 592.4  | 592.4  | 592.4  | 592.4  |
| 586.2 | 586.2 | 586.7 | 585.6  | 585.6  | 586.2  | 584.5  |
| 577.1 | 579.4 | 579.4 | 579.4  | 578.2  | 579.4  | 580.0  |
| 579.4 | 581.1 | 582.2 | 582.2  | 581.7  | 583.9  | 585.6  |
| 582.2 | 585.1 | 586.2 | 586.2  | 586.2  | 589.0  | 593.0  |
| 593.0 | 595.2 | 596.9 | 596.9  | 598.0  | 601.5  | 605.9  |
| 612.7 | 615.5 | 615.5 | 615.0  | 618.3  | 622.3  | 627.4  |
| 634.7 | 642.7 | 646.6 | 646.0  | 648.8  | 654.0  | 659.6  |
| 655.6 | 677.6 | 687.3 | 694.0  | 696.9  | 703.6  | 705.3  |
| 673.2 | 709.8 | 736.4 | 759.0  | 769.7  | 776.5  | 784.4  |
| 666.9 | 716.6 | 764.0 | 810.4  | 843.1  | 876.5  | 890.6  |
| 641.6 | 703.6 | 765.8 | 833.5  | 892.8  | 952.1  | 995.0  |
| 610.5 | 685.0 | 768.6 | 864.6  | 958.3  | 1049.2 | 1121.6 |
| 574.9 | 667.5 | 774.8 | 893.4  | 1016.5 | 1135.6 | 1240.1 |
| 530.3 | 634.2 | 759.6 | 896.2  | 1041.3 | 1185.9 | 1321.5 |
| 473.8 | 589.0 | 723.9 | 875.9  | 1042.5 | 1208.0 | 1370.1 |
| 417.3 | 531.9 | 678.8 | 846.5  | 1027.8 | 1213.1 | 1400.5 |
| 377.8 | 481.1 | 633.1 | 809.2  | 1004.0 | 1205.1 | 1415.1 |
| 350.7 | 444.5 | 592.4 | 775.3  | 978.7  | 1191.0 | 1417.4 |
| 348.4 | 428.6 | 565.8 | 750.5  | 958.3  | 1178.5 | 1417.4 |
| 367.7 | 437.1 | 556.8 | 738.1  | 949.8  | 1174.6 | 1418.5 |
| 403.7 | 471.0 | 573.2 | 747.7  | 956.6  | 1179.7 | 1423.6 |
| 447.3 | 522.4 | 617.2 | 781.0  | 985.4  | 1196.7 | 1434.9 |
| 486.7 | 581.7 | 692.3 | 845.4  | 1037.9 | 1239.6 | 1466.5 |
| 509.9 | 632.4 | 771.9 | 935.8  | 1127.8 | 1324.9 | 1529.8 |
| 512.7 | 660.7 | 842.6 | 1034.0 | 1236.7 | 1422.5 | 1630.9 |
| 510.5 | 663.0 | 851.6 | 1052.6 | 1259.9 | 1446.8 | 1665.9 |
| 498.0 | 663.5 | 877.0 | 1118.1 | 1340.1 | 1549.0 | 1763.6 |
| 466.4 | 645.5 | 886.0 | 1169.5 | 1441.1 | 1683.4 | 1946.0 |
| 411.7 | 594.1 | 859.5 | 1170.7 | 1480.1 | 1758.5 | 2061.2 |
| 330.9 | 496.4 | 744.9 | 1065.1 | 1377.3 | 1684.6 | 2031.3 |
| 242.3 | 364.8 | 563.0 | 825.1  | 1123.8 | 1402.2 | 1739.9 |
| 160.9 | 236.1 | 379.5 | 587.9  | 805.8  | 1009.1 | 1252.5 |
| 110.7 | 146.2 | 222.0 | 353.5  | 493.0  | 591.8  | 797.9  |
| 81.3  | 96.6  | 123.1 | 180.7  | 237.2  | 291.9  | 416.8  |
| 50.8  | 55.3  | 61.6  | 89.2   | 127.7  | 172.2  | 259.8  |
| 13.6  | 14.1  | 13.0  | 17.5   | 27.7   | 26.5   | 29.3   |
| 0.0   | 0.0   | 0.0   | 0.0    | 0.0    | 0.0    | 0.0    |

(END OF REPORT)