

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: P151971

Luminaire Tested: **AVM-E02-LED-E-U-SL4-HSS-7050**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P151971
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-E02-LED-E-U-SL4-HSS-7050
Description: VISION SITE MEDIUM LED LUMINAIRE
(2) LIGHTBARS WITH AccuLED OPTICS - TYPE 4 W/ SPILL LIGHT CONTROL AND HOUSE SIDE SHIELD
Light Source: (42) 5000K CCT, 70 CRI LEDs
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 4175.9 lumens
Efficiency: N/A
Efficacy: 80.2 lumens/watt
Luminous Opening: Rectangular (W 0.33' x L: 1' x H: 0')
IES Classification: Type IV - Short - Semi-Cutoff
BUG Rating: B0 - U0 - G2

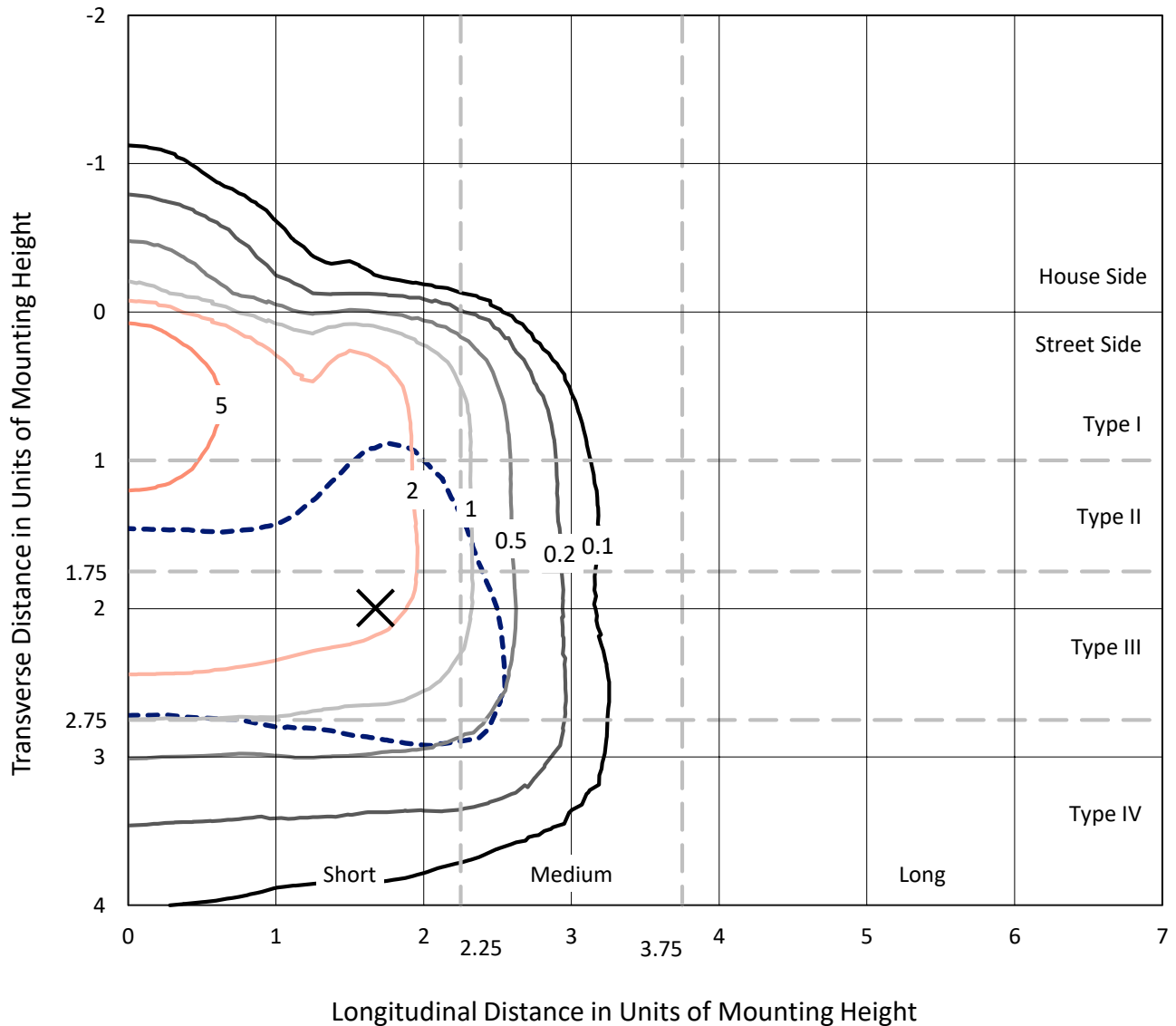
Input Watts (W): 52.1
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd
 - - - 1/2 Max cd

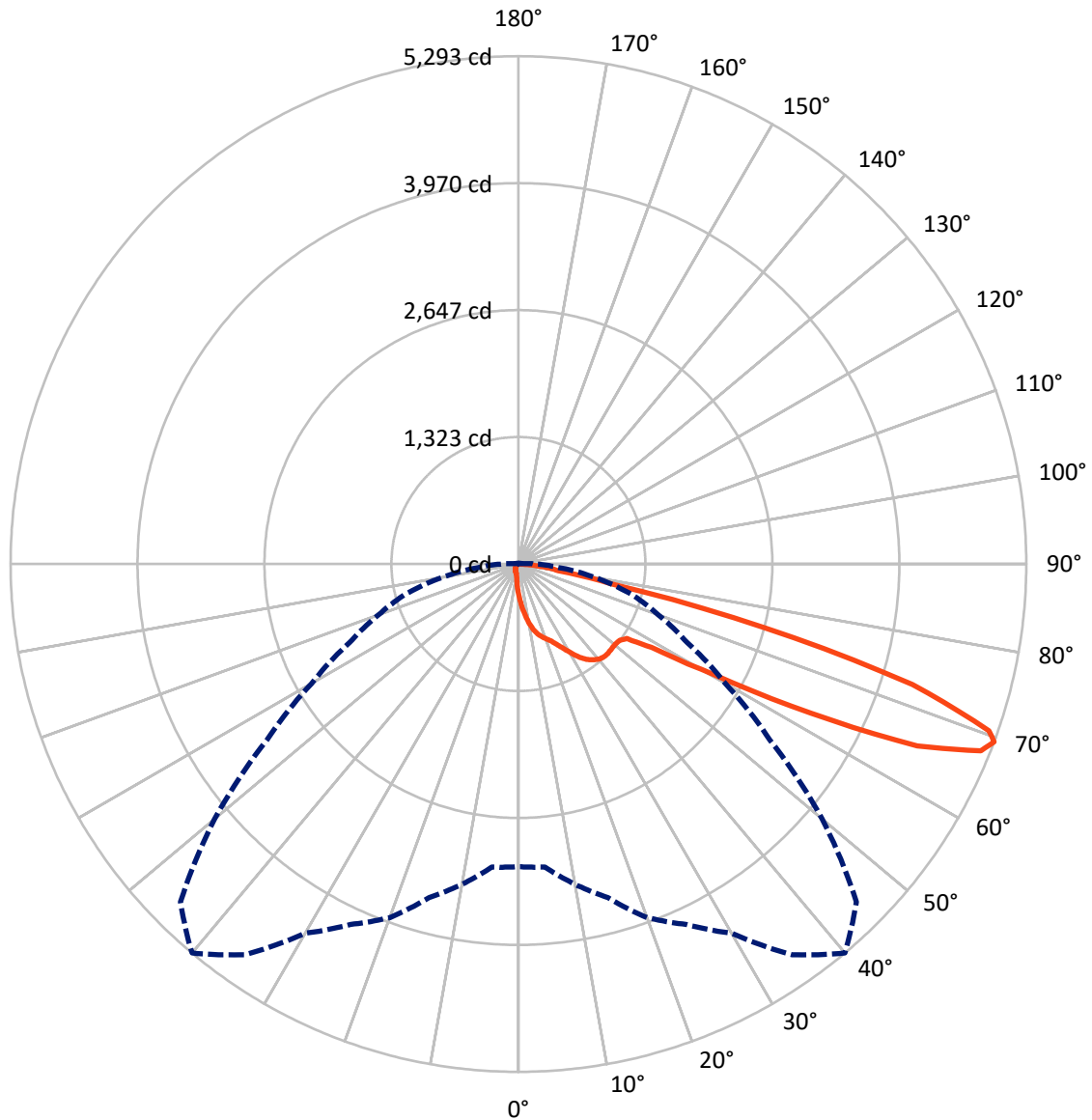


Based on 10 foot mounting height. Maximum calculated value = 9.3 fc
 Type IV - Short - Semi-Cutoff

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Luminous Intensity Polar Plot



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

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FLUX DISTRIBUTION:

| | | Downward | Upward | Total |
|--------------------|-----------|----------|--------|--------|
| House Side | Lumens | 124.4 | 0.0 | 124.4 |
| | % Fixture | 3.0 | 0.0 | 3.0 |
| Street Side | Lumens | 4051.5 | 0.0 | 4051.5 |
| | % Fixture | 97.0 | 0.0 | 97.0 |
| Total | Lumens | 4175.9 | 0.0 | 4175.9 |
| | % Fixture | 100.0 | 0.0 | 100.0 |

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 32.4 | 0.8 |
| 10°-20° | 111.8 | 2.7 |
| 20°-30° | 213.9 | 5.1 |
| 30°-40° | 355.7 | 8.5 |
| 40°-50° | 481.3 | 11.5 |
| 50°-60° | 752.8 | 18.0 |
| 60°-70° | 1547.6 | 37.1 |
| 70°-80° | 622.7 | 14.9 |
| 80°-90° | 57.6 | 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° | 4175.9 | 100.0 |
| 0°-180° | 4175.9 | 100.0 |

Coefficient of Utilization



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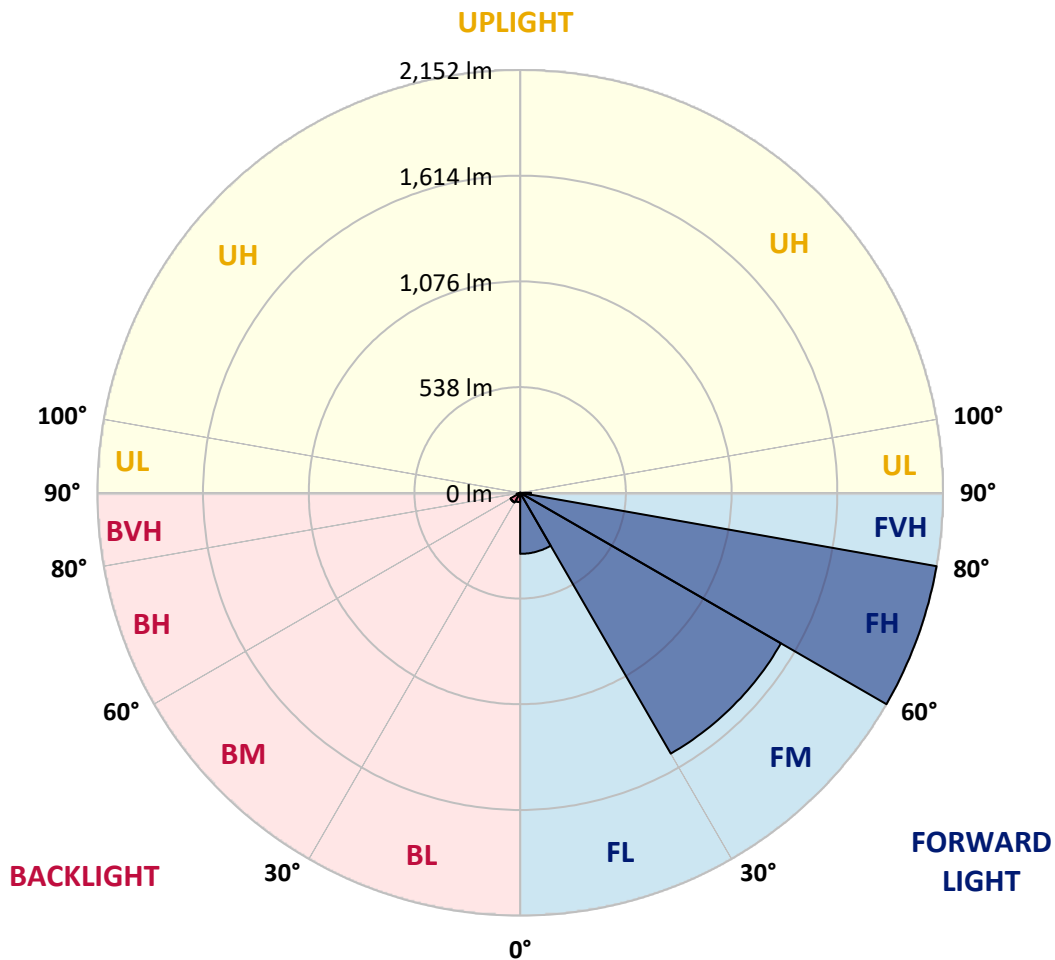
CATALOG NUMBER: AVM-E02-LED-E-U-SL4-HSS-7050

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

| Zone | | Lumens | % Fixture | Zone Rating/Lumen Limit | | |
|------|-------------|--------|-----------|-------------------------|------|---------|
| | | | | B | U | G |
| FL | (0°-30°) | 310.8 | 7.4 | | | |
| FM | (30°-60°) | 1533.0 | 36.7 | | | |
| FH | (60°-80°) | 2152.3 | 51.5 | | | G2/5000 |
| FVH | (80°-90°) | 55.5 | 1.3 | | | G1/100 |
| BL | (0°-30°) | 47.3 | 1.1 | B0/110 | | |
| BM | (30°-60°) | 56.8 | 1.4 | B0/220 | | |
| BH | (60°-80°) | 18.1 | 0.4 | B0/110 | | G0/110 |
| BVH | (80°-90°) | 2.1 | 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





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CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 315.4 | 315.4 | 315.4 | 315.4 | 315.4 | 315.4 | 315.4 | 315.4 | 315.4 | 315.4 | 315.4 |
| 2.5° | 420.7 | 415.9 | 410.4 | 410.4 | 403.6 | 403.6 | 399.5 | 388.6 | 387.2 | 381.0 | 374.9 |
| 5° | 537.0 | 532.9 | 526.1 | 519.9 | 514.4 | 504.8 | 498.0 | 485.0 | 470.6 | 457.0 | 444.6 |
| 7.5° | 650.6 | 648.5 | 636.2 | 634.1 | 625.2 | 609.5 | 595.8 | 576.7 | 552.0 | 532.9 | 510.3 |
| 10° | 755.9 | 751.1 | 748.4 | 736.7 | 723.7 | 706.6 | 685.4 | 662.2 | 633.4 | 603.4 | 571.2 |
| 12.5° | 839.4 | 836.6 | 824.3 | 819.5 | 805.8 | 788.7 | 762.1 | 732.0 | 703.2 | 664.2 | 626.6 |
| 15° | 901.6 | 896.8 | 888.6 | 881.1 | 864.7 | 849.6 | 825.0 | 792.2 | 757.3 | 714.9 | 669.7 |
| 17.5° | 953.6 | 944.7 | 942.6 | 931.0 | 913.9 | 896.1 | 868.8 | 838.7 | 797.6 | 755.2 | 706.0 |
| 20° | 1023.4 | 1011.1 | 1007.0 | 989.8 | 970.0 | 945.4 | 913.9 | 876.3 | 833.2 | 786.7 | 736.1 |
| 22.5° | 1105.5 | 1096.6 | 1087.7 | 1072.6 | 1047.3 | 1012.4 | 966.6 | 925.5 | 870.8 | 819.5 | 764.8 |
| 25° | 1221.7 | 1214.2 | 1199.9 | 1179.3 | 1147.9 | 1106.1 | 1050.7 | 990.5 | 926.2 | 860.6 | 796.3 |
| 27.5° | 1334.6 | 1327.8 | 1317.5 | 1301.8 | 1266.2 | 1220.4 | 1152.0 | 1075.4 | 994.0 | 914.6 | 843.5 |
| 30° | 1440.7 | 1434.5 | 1424.2 | 1408.5 | 1377.0 | 1331.9 | 1254.6 | 1172.5 | 1071.3 | 978.9 | 893.4 |
| 32.5° | 1554.9 | 1552.8 | 1541.2 | 1518.6 | 1491.3 | 1430.4 | 1346.3 | 1258.0 | 1155.4 | 1048.7 | 948.8 |
| 35° | 1684.2 | 1668.4 | 1657.5 | 1634.9 | 1588.4 | 1523.4 | 1424.9 | 1328.5 | 1220.4 | 1110.9 | 999.4 |
| 37.5° | 1793.6 | 1778.6 | 1764.9 | 1736.2 | 1679.4 | 1596.6 | 1485.1 | 1379.1 | 1267.6 | 1156.1 | 1042.5 |
| 40° | 1873.7 | 1866.1 | 1849.7 | 1812.1 | 1748.5 | 1650.0 | 1529.6 | 1414.0 | 1301.8 | 1189.6 | 1077.4 |
| 42.5° | 1933.2 | 1921.6 | 1903.1 | 1864.1 | 1788.8 | 1676.7 | 1547.4 | 1428.3 | 1317.5 | 1210.1 | 1100.0 |
| 45° | 1955.1 | 1945.5 | 1928.4 | 1886.0 | 1804.6 | 1684.2 | 1546.7 | 1424.2 | 1318.2 | 1216.3 | 1115.0 |
| 47.5° | 1942.1 | 1932.5 | 1917.4 | 1877.8 | 1797.7 | 1675.3 | 1534.4 | 1412.6 | 1311.4 | 1218.3 | 1128.7 |
| 50° | 1899.0 | 1893.5 | 1881.9 | 1848.4 | 1776.5 | 1658.2 | 1523.4 | 1406.4 | 1310.0 | 1228.6 | 1147.9 |
| 52.5° | 1894.9 | 1891.5 | 1877.1 | 1843.6 | 1770.4 | 1652.7 | 1522.1 | 1409.9 | 1321.6 | 1241.6 | 1161.6 |
| 55° | 2315.6 | 2267.0 | 2158.2 | 2065.9 | 1914.0 | 1733.4 | 1591.1 | 1465.3 | 1370.9 | 1292.9 | 1236.8 |
| 57.5° | 3291.1 | 3218.6 | 3075.6 | 2899.8 | 2550.9 | 2208.2 | 1933.9 | 1735.5 | 1637.7 | 1602.1 | 1623.3 |
| 60° | 3748.0 | 3735.0 | 3712.4 | 3629.0 | 3450.5 | 3155.6 | 2827.3 | 2472.2 | 2329.9 | 2317.6 | 2360.7 |
| 62.5° | 3964.9 | 3956.7 | 3963.5 | 3953.2 | 3897.8 | 3811.6 | 3717.2 | 3564.0 | 3423.1 | 3332.1 | 3139.2 |
| 65° | 4064.7 | 4070.2 | 4109.2 | 4140.0 | 4146.8 | 4169.4 | 4238.5 | 4429.4 | 4568.9 | 4334.3 | 3798.6 |
| 67.5° | 3811.0 | 3843.1 | 3932.7 | 4044.9 | 4176.2 | 4303.5 | 4508.7 | 4910.9 | 5197.6 | 4921.9 | 4161.2 |
| 69° | 3154.9 | 3170.7 | 3389.6 | 3600.9 | 3921.8 | 4146.2 | 4443.7 | 4971.1 | 5293.3 | 4982.1 | 4132.5 |
| 70° | 2483.9 | 2498.2 | 2732.9 | 3020.2 | 3562.6 | 3851.3 | 4240.6 | 4869.2 | 5203.7 | 4902.0 | 3984.7 |
| 72.5° | 1120.5 | 1100.0 | 1182.8 | 1336.7 | 1926.3 | 2384.7 | 3065.3 | 3945.0 | 4293.2 | 3927.2 | 2981.2 |
| 75° | 782.6 | 773.7 | 782.6 | 783.3 | 874.9 | 1128.7 | 1424.2 | 2138.4 | 2644.6 | 2282.1 | 1424.2 |
| 77.5° | 606.1 | 599.9 | 593.8 | 586.9 | 597.9 | 669.7 | 698.4 | 758.6 | 985.1 | 931.7 | 543.2 |
| 80° | 479.5 | 474.1 | 489.1 | 484.3 | 484.3 | 492.5 | 487.1 | 464.5 | 422.1 | 391.3 | 350.2 |
| 82.5° | 223.0 | 224.4 | 224.4 | 243.5 | 293.5 | 342.7 | 358.5 | 335.9 | 298.3 | 253.8 | 204.5 |
| 85° | 21.2 | 23.9 | 40.4 | 62.3 | 123.8 | 139.6 | 140.2 | 116.3 | 116.3 | 91.7 | 73.9 |
| 87.5° | 0.0 | 0.7 | 0.7 | 0.7 | 6.2 | 17.1 | 14.4 | 4.1 | 2.1 | 2.1 | 3.4 |
| 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: AVM-E02-LED-E-U-SL4-HSS-7050

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|-------|--------|--------|--------|--------|--------|--------|-------|-------|-------|-------|-------|
| 0° | 315.4 | 315.4 | 315.4 | 315.4 | 315.4 | 315.4 | 315.4 | 315.4 | 315.4 | 315.4 | 315.4 |
| 2.5° | 363.9 | 361.9 | 353.7 | 345.5 | 337.9 | 329.7 | 322.2 | 314.7 | 306.5 | 300.3 | 292.8 |
| 5° | 425.5 | 410.4 | 393.3 | 376.9 | 360.5 | 343.4 | 325.6 | 309.9 | 293.5 | 278.4 | 264.1 |
| 7.5° | 487.7 | 458.3 | 435.1 | 405.7 | 379.0 | 352.3 | 327.7 | 302.4 | 279.1 | 257.2 | 236.7 |
| 10° | 540.4 | 504.8 | 468.6 | 431.0 | 392.7 | 357.1 | 322.9 | 292.8 | 262.0 | 235.3 | 210.0 |
| 12.5° | 583.5 | 538.4 | 493.9 | 446.7 | 403.6 | 358.5 | 316.0 | 279.8 | 243.5 | 213.4 | 187.4 |
| 15° | 622.5 | 570.5 | 517.2 | 462.4 | 407.7 | 356.4 | 309.2 | 264.1 | 227.1 | 192.9 | 163.5 |
| 17.5° | 654.0 | 594.5 | 534.3 | 472.7 | 413.9 | 353.7 | 300.3 | 253.1 | 210.0 | 174.4 | 145.7 |
| 20° | 681.3 | 619.1 | 554.1 | 485.0 | 418.0 | 353.0 | 292.8 | 239.4 | 195.0 | 157.3 | 129.3 |
| 22.5° | 706.6 | 644.4 | 574.6 | 500.7 | 424.1 | 352.3 | 285.9 | 229.2 | 182.0 | 144.3 | 116.3 |
| 25° | 735.4 | 669.7 | 596.5 | 517.2 | 435.1 | 355.0 | 281.8 | 221.0 | 170.3 | 132.0 | 106.0 |
| 27.5° | 767.5 | 698.4 | 622.5 | 537.7 | 449.4 | 360.5 | 280.5 | 212.1 | 160.1 | 120.4 | 97.8 |
| 30° | 812.7 | 732.6 | 648.5 | 558.2 | 462.4 | 366.7 | 279.1 | 206.6 | 149.8 | 111.5 | 89.6 |
| 32.5° | 852.4 | 766.2 | 677.2 | 579.4 | 476.8 | 372.8 | 278.4 | 199.1 | 140.2 | 102.6 | 83.5 |
| 35° | 894.1 | 796.9 | 701.9 | 599.9 | 489.1 | 379.7 | 277.7 | 193.6 | 131.3 | 93.7 | 77.3 |
| 37.5° | 930.3 | 822.9 | 721.0 | 617.7 | 502.8 | 385.8 | 278.4 | 188.8 | 123.1 | 86.2 | 71.8 |
| 40° | 961.1 | 849.6 | 742.2 | 634.1 | 517.2 | 395.4 | 279.1 | 184.0 | 114.9 | 79.4 | 67.0 |
| 42.5° | 988.5 | 874.9 | 764.8 | 652.6 | 533.6 | 406.3 | 283.2 | 179.9 | 108.1 | 73.2 | 62.3 |
| 45° | 1009.7 | 898.2 | 789.4 | 678.6 | 560.3 | 424.1 | 290.7 | 177.2 | 101.2 | 67.7 | 58.1 |
| 47.5° | 1031.6 | 932.4 | 831.1 | 719.6 | 599.2 | 452.2 | 303.7 | 176.5 | 95.8 | 63.6 | 54.7 |
| 50° | 1061.7 | 966.6 | 868.1 | 761.4 | 634.8 | 480.9 | 319.5 | 177.2 | 88.9 | 59.5 | 51.3 |
| 52.5° | 1083.6 | 1001.5 | 916.0 | 833.9 | 719.6 | 568.5 | 380.3 | 189.5 | 85.5 | 56.1 | 47.2 |
| 55° | 1212.9 | 1198.5 | 1200.5 | 1214.2 | 1126.0 | 967.3 | 636.2 | 273.6 | 100.6 | 63.6 | 46.5 |
| 57.5° | 1710.2 | 1760.8 | 1790.2 | 1789.5 | 1643.8 | 1363.4 | 854.4 | 351.6 | 112.2 | 73.9 | 55.4 |
| 60° | 2364.1 | 2325.8 | 2271.8 | 2138.4 | 1944.8 | 1556.3 | 955.6 | 378.3 | 97.1 | 58.8 | 50.6 |
| 62.5° | 2942.2 | 2717.8 | 2518.7 | 2302.6 | 2048.8 | 1623.3 | 976.2 | 376.2 | 84.8 | 44.5 | 35.6 |
| 65° | 3302.7 | 2899.1 | 2577.6 | 2306.7 | 2007.7 | 1567.2 | 923.5 | 345.5 | 71.8 | 36.3 | 29.4 |
| 67.5° | 3388.9 | 2801.3 | 2346.4 | 2000.9 | 1677.3 | 1219.7 | 677.9 | 259.9 | 56.1 | 30.1 | 26.0 |
| 69° | 3200.8 | 2490.0 | 1944.1 | 1552.2 | 1220.4 | 809.3 | 419.3 | 164.2 | 43.1 | 27.4 | 23.9 |
| 70° | 2944.2 | 2165.8 | 1583.6 | 1245.7 | 903.7 | 568.5 | 293.5 | 115.6 | 34.9 | 25.3 | 21.9 |
| 72.5° | 1894.2 | 1137.6 | 778.5 | 541.8 | 372.8 | 226.4 | 114.9 | 52.0 | 26.7 | 21.2 | 17.8 |
| 75° | 734.7 | 420.7 | 305.1 | 231.9 | 181.3 | 125.9 | 69.8 | 33.5 | 22.6 | 17.8 | 13.7 |
| 77.5° | 361.9 | 277.0 | 226.4 | 155.3 | 90.3 | 56.1 | 37.6 | 26.0 | 18.5 | 13.0 | 8.9 |
| 80° | 285.9 | 190.2 | 113.6 | 70.5 | 53.4 | 40.4 | 28.7 | 21.2 | 13.7 | 8.2 | 6.2 |
| 82.5° | 146.4 | 80.0 | 58.8 | 47.9 | 39.7 | 31.5 | 23.3 | 15.0 | 8.9 | 5.5 | 4.8 |
| 85° | 45.8 | 33.5 | 30.1 | 29.4 | 27.4 | 22.6 | 16.4 | 9.6 | 5.5 | 3.4 | 3.4 |
| 87.5° | 3.4 | 4.8 | 6.2 | 4.8 | 5.5 | 4.8 | 6.2 | 4.1 | 2.7 | 2.7 | 2.1 |
| 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: AVM-E02-LED-E-U-SL4-HSS-7050

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 315.4 | 315.4 | 315.4 | 315.4 | 315.4 | 315.4 | 315.4 | 315.4 | 315.4 | 315.4 | 315.4 |
| 2.5° | 287.3 | 279.1 | 271.6 | 266.8 | 257.9 | 254.5 | 251.1 | 249.7 | 243.5 | 244.9 | 239.4 |
| 5° | 251.1 | 236.7 | 225.7 | 214.8 | 204.5 | 197.0 | 190.9 | 183.3 | 177.2 | 174.4 | 169.0 |
| 7.5° | 218.2 | 199.7 | 185.4 | 173.8 | 161.4 | 151.9 | 143.7 | 138.2 | 132.7 | 127.2 | 124.5 |
| 10° | 189.5 | 169.6 | 153.2 | 141.6 | 130.0 | 121.8 | 115.6 | 111.5 | 108.1 | 106.0 | 105.3 |
| 12.5° | 162.8 | 143.7 | 128.6 | 118.3 | 109.5 | 105.3 | 102.6 | 100.6 | 99.9 | 99.2 | 99.2 |
| 15° | 142.3 | 123.1 | 111.5 | 104.0 | 99.9 | 97.8 | 97.1 | 95.8 | 94.4 | 93.7 | 93.7 |
| 17.5° | 123.1 | 108.8 | 100.6 | 96.5 | 94.4 | 93.0 | 91.7 | 90.3 | 88.9 | 88.2 | 88.2 |
| 20° | 110.1 | 98.5 | 94.4 | 91.7 | 89.6 | 88.2 | 86.2 | 84.8 | 84.1 | 83.5 | 82.8 |
| 22.5° | 99.9 | 92.3 | 89.6 | 87.6 | 84.8 | 82.8 | 81.4 | 80.0 | 78.7 | 78.0 | 77.3 |
| 25° | 92.3 | 87.6 | 85.5 | 82.8 | 80.0 | 78.0 | 75.9 | 73.9 | 72.5 | 71.8 | 70.5 |
| 27.5° | 86.9 | 83.5 | 80.7 | 77.3 | 74.6 | 72.5 | 70.5 | 68.4 | 67.0 | 65.7 | 65.0 |
| 30° | 82.1 | 78.7 | 75.2 | 72.5 | 69.1 | 67.0 | 64.3 | 62.3 | 61.6 | 60.2 | 58.8 |
| 32.5° | 77.3 | 73.9 | 70.5 | 67.0 | 63.6 | 60.9 | 59.5 | 56.8 | 55.4 | 54.7 | 53.4 |
| 35° | 71.8 | 68.4 | 64.3 | 61.6 | 58.1 | 55.4 | 53.4 | 51.3 | 49.9 | 48.6 | 47.9 |
| 37.5° | 67.0 | 62.9 | 58.8 | 55.4 | 52.7 | 49.9 | 47.9 | 45.8 | 44.5 | 43.1 | 42.4 |
| 40° | 61.6 | 57.5 | 53.4 | 49.9 | 47.2 | 45.1 | 43.1 | 41.0 | 39.7 | 39.0 | 39.0 |
| 42.5° | 56.8 | 52.0 | 47.9 | 45.1 | 43.1 | 40.4 | 38.3 | 36.3 | 35.6 | 34.9 | 35.6 |
| 45° | 52.0 | 47.2 | 43.8 | 41.0 | 39.0 | 36.3 | 34.2 | 32.8 | 32.2 | 32.8 | 33.5 |
| 47.5° | 47.9 | 43.1 | 39.7 | 37.6 | 35.6 | 33.5 | 31.5 | 30.1 | 30.1 | 31.5 | 32.8 |
| 50° | 43.8 | 39.0 | 36.3 | 34.9 | 32.8 | 30.8 | 28.0 | 27.4 | 28.0 | 29.4 | 30.8 |
| 52.5° | 39.7 | 34.2 | 32.2 | 31.5 | 29.4 | 27.4 | 25.3 | 24.6 | 25.3 | 26.7 | 26.0 |
| 55° | 35.6 | 30.1 | 29.4 | 28.7 | 26.7 | 23.9 | 21.9 | 21.9 | 21.9 | 21.2 | 19.8 |
| 57.5° | 34.2 | 26.7 | 26.0 | 25.3 | 23.3 | 20.5 | 19.2 | 17.8 | 17.1 | 15.0 | 14.4 |
| 60° | 35.6 | 23.9 | 23.9 | 22.6 | 20.5 | 17.8 | 15.7 | 13.7 | 12.3 | 10.9 | 10.9 |
| 62.5° | 28.7 | 21.9 | 21.2 | 19.8 | 17.1 | 14.4 | 12.3 | 10.3 | 9.6 | 8.9 | 8.9 |
| 65° | 23.3 | 19.8 | 18.5 | 16.4 | 14.4 | 11.6 | 9.6 | 8.2 | 7.5 | 7.5 | 8.2 |
| 67.5° | 21.2 | 17.8 | 15.7 | 13.7 | 11.6 | 8.9 | 7.5 | 6.8 | 6.8 | 7.5 | 7.5 |
| 69° | 19.8 | 16.4 | 14.4 | 12.3 | 10.3 | 8.2 | 6.8 | 6.8 | 6.8 | 6.8 | 7.5 |
| 70° | 18.5 | 15.7 | 13.7 | 11.6 | 8.9 | 6.8 | 6.2 | 6.2 | 6.8 | 6.8 | 7.5 |
| 72.5° | 14.4 | 12.3 | 11.6 | 9.6 | 6.8 | 6.2 | 5.5 | 6.2 | 6.2 | 6.8 | 6.8 |
| 75° | 10.9 | 8.9 | 8.9 | 7.5 | 5.5 | 4.8 | 4.8 | 5.5 | 5.5 | 6.2 | 6.2 |
| 77.5° | 7.5 | 6.2 | 6.2 | 5.5 | 4.8 | 4.1 | 4.1 | 4.8 | 5.5 | 5.5 | 6.2 |
| 80° | 5.5 | 4.8 | 4.1 | 4.8 | 4.1 | 3.4 | 4.1 | 4.8 | 4.8 | 5.5 | 5.5 |
| 82.5° | 4.1 | 4.1 | 4.1 | 4.1 | 3.4 | 3.4 | 4.1 | 4.1 | 4.8 | 5.5 | 5.5 |
| 85° | 3.4 | 3.4 | 3.4 | 3.4 | 3.4 | 3.4 | 3.4 | 4.1 | 4.1 | 4.8 | 4.8 |
| 87.5° | 2.1 | 2.1 | 2.1 | 2.7 | 2.7 | 3.4 | 3.4 | 3.4 | 3.4 | 4.1 | 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 |



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CATALOG NUMBER: AVM-E02-LED-E-U-SL4-HSS-7050

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° |
|-------|-------|-------|-------|-------|
| 0° | 315.4 | 315.4 | 315.4 | 315.4 |
| 2.5° | 238.1 | 237.4 | 234.6 | 235.3 |
| 5° | 166.9 | 162.8 | 165.5 | 164.9 |
| 7.5° | 122.4 | 121.8 | 121.1 | 122.4 |
| 10° | 104.7 | 104.7 | 104.0 | 104.7 |
| 12.5° | 98.5 | 98.5 | 98.5 | 98.5 |
| 15° | 93.7 | 93.7 | 93.0 | 93.0 |
| 17.5° | 88.2 | 88.2 | 88.2 | 87.6 |
| 20° | 82.8 | 82.1 | 82.1 | 82.1 |
| 22.5° | 76.6 | 75.9 | 75.9 | 75.9 |
| 25° | 70.5 | 69.8 | 69.8 | 69.8 |
| 27.5° | 64.3 | 63.6 | 62.9 | 62.9 |
| 30° | 58.1 | 57.5 | 56.8 | 56.8 |
| 32.5° | 52.0 | 51.3 | 50.6 | 50.6 |
| 35° | 46.5 | 46.5 | 45.8 | 45.1 |
| 37.5° | 41.7 | 41.7 | 41.7 | 41.7 |
| 40° | 38.3 | 39.0 | 39.0 | 39.0 |
| 42.5° | 36.3 | 36.9 | 37.6 | 38.3 |
| 45° | 34.9 | 36.3 | 36.9 | 36.9 |
| 47.5° | 34.2 | 34.9 | 35.6 | 35.6 |
| 50° | 31.5 | 30.8 | 30.8 | 30.8 |
| 52.5° | 25.3 | 23.9 | 23.3 | 22.6 |
| 55° | 18.5 | 17.8 | 16.4 | 16.4 |
| 57.5° | 13.0 | 13.0 | 12.3 | 12.3 |
| 60° | 10.3 | 10.3 | 9.6 | 10.3 |
| 62.5° | 8.9 | 8.9 | 8.9 | 8.9 |
| 65° | 8.2 | 8.2 | 8.2 | 8.2 |
| 67.5° | 8.2 | 8.2 | 8.2 | 8.2 |
| 69° | 7.5 | 7.5 | 7.5 | 7.5 |
| 70° | 7.5 | 7.5 | 7.5 | 7.5 |
| 72.5° | 6.8 | 6.8 | 6.8 | 6.8 |
| 75° | 6.2 | 6.8 | 6.8 | 6.8 |
| 77.5° | 6.2 | 6.2 | 6.2 | 6.2 |
| 80° | 5.5 | 5.5 | 6.2 | 6.2 |
| 82.5° | 5.5 | 5.5 | 5.5 | 5.5 |
| 85° | 4.8 | 4.8 | 5.5 | 5.5 |
| 87.5° | 4.1 | 4.1 | 4.8 | 4.8 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 |

(END OF REPORT)