

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: P151963

Luminaire Tested: **AVM-F01-LED-E-U-SL4-HSS-8030**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P151963
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-F01-LED-E-U-SL4-HSS-8030
Description: VISION SITE MEDIUM LED LUMINAIRE
(1) LIGHTBARS WITH AccuLED OPTICS - TYPE 4 W/ SPILL LIGHT CONTROL AND HOUSE SIDE SHIELD
Light Source: (7) 3000K CCT, 80 CRI LEDs
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1417.7 lumens
Efficiency: N/A
Efficacy: 54.7 lumens/watt
Luminous Opening: Rectangular (W 0.17' x L: 1' x H: 0')
IES Classification: Type IV - Short - Semi-Cutoff
BUG Rating: B0 - U0 - G1

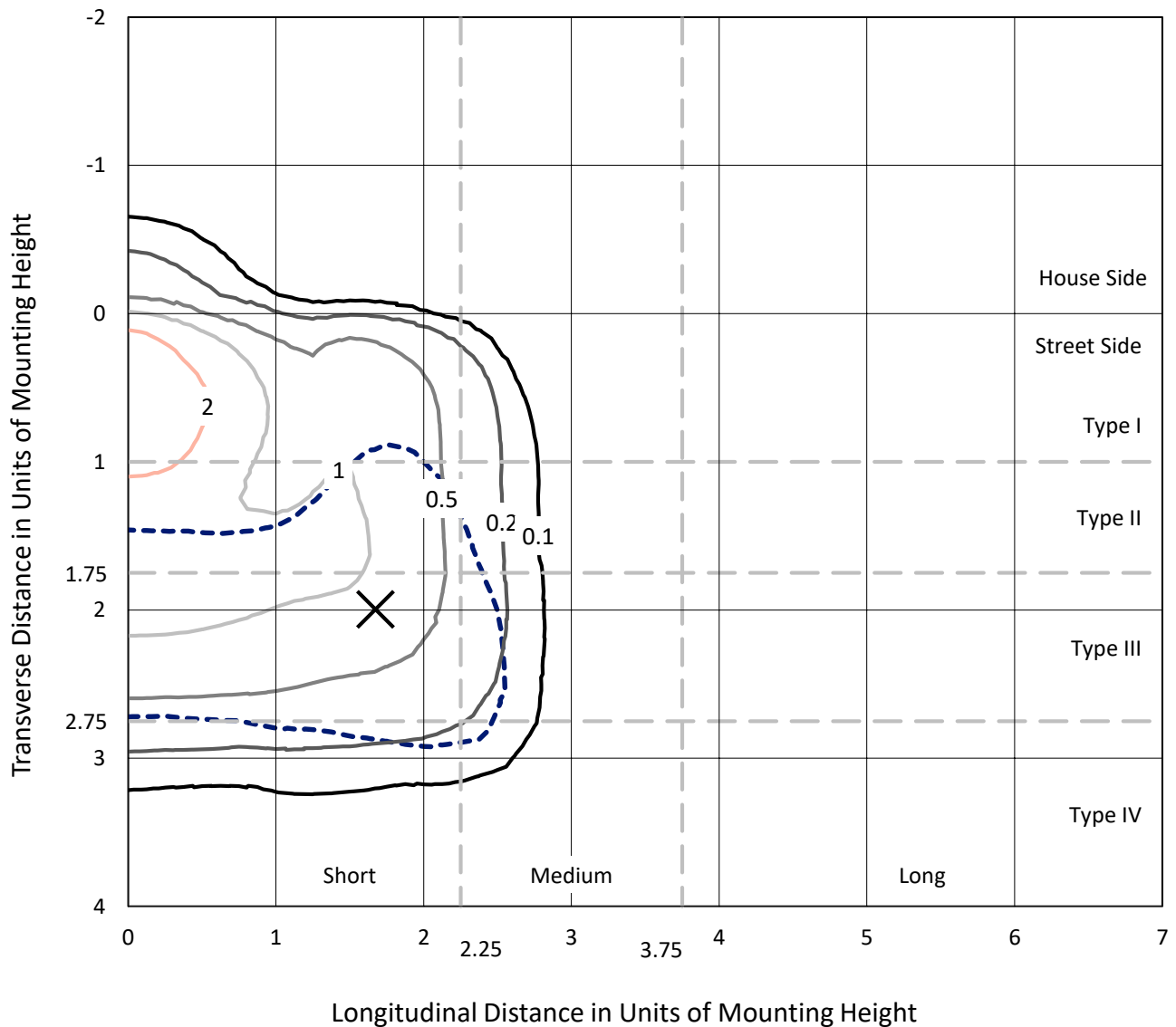
Input Watts (W): 25.9
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



REPORT NUMBER: P151963
 CATALOG NUMBER: AVM-F01-LED-E-U-SL4-HSS-8030

Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd
 - - - 1/2 Max cd

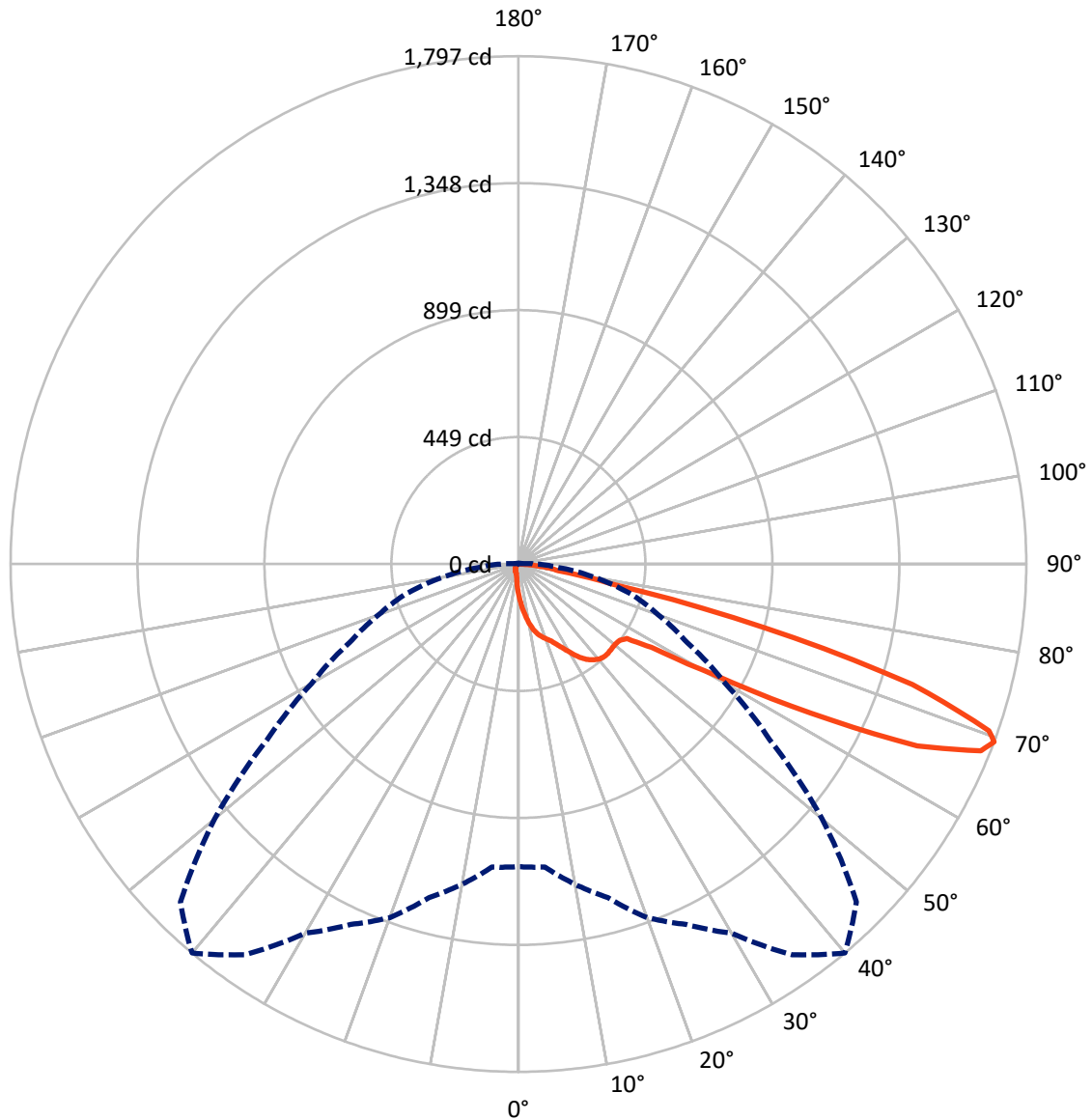


Based on 10 foot mounting height. Maximum calculated value = 3.2 fc
 Type IV - Short - Semi-Cutoff

REPORT NUMBER: P151963

CATALOG NUMBER: AVM-F01-LED-E-U-SL4-HSS-8030

Luminous Intensity Polar Plot



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

REPORT NUMBER: P151963

CATALOG NUMBER: AVM-F01-LED-E-U-SL4-HSS-8030

FLUX DISTRIBUTION:

| | | Downward | Upward | Total |
|--------------------|-----------|----------|--------|--------|
| House Side | Lumens | 42.2 | 0.0 | 42.2 |
| | % Fixture | 3.0 | 0.0 | 3.0 |
| Street Side | Lumens | 1375.5 | 0.0 | 1375.5 |
| | % Fixture | 97.0 | 0.0 | 97.0 |
| Total | Lumens | 1417.7 | 0.0 | 1417.7 |
| | % Fixture | 100.0 | 0.0 | 100.0 |

Coefficient of Utilization

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 11.0 | 0.8 |
| 10°-20° | 37.9 | 2.7 |
| 20°-30° | 72.6 | 5.1 |
| 30°-40° | 120.8 | 8.5 |
| 40°-50° | 163.4 | 11.5 |
| 50°-60° | 255.6 | 18.0 |
| 60°-70° | 525.4 | 37.1 |
| 70°-80° | 211.4 | 14.9 |
| 80°-90° | 19.6 | 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° | 1417.7 | 100.0 |
| 0°-180° | 1417.7 | 100.0 |



REPORT NUMBER: P151963

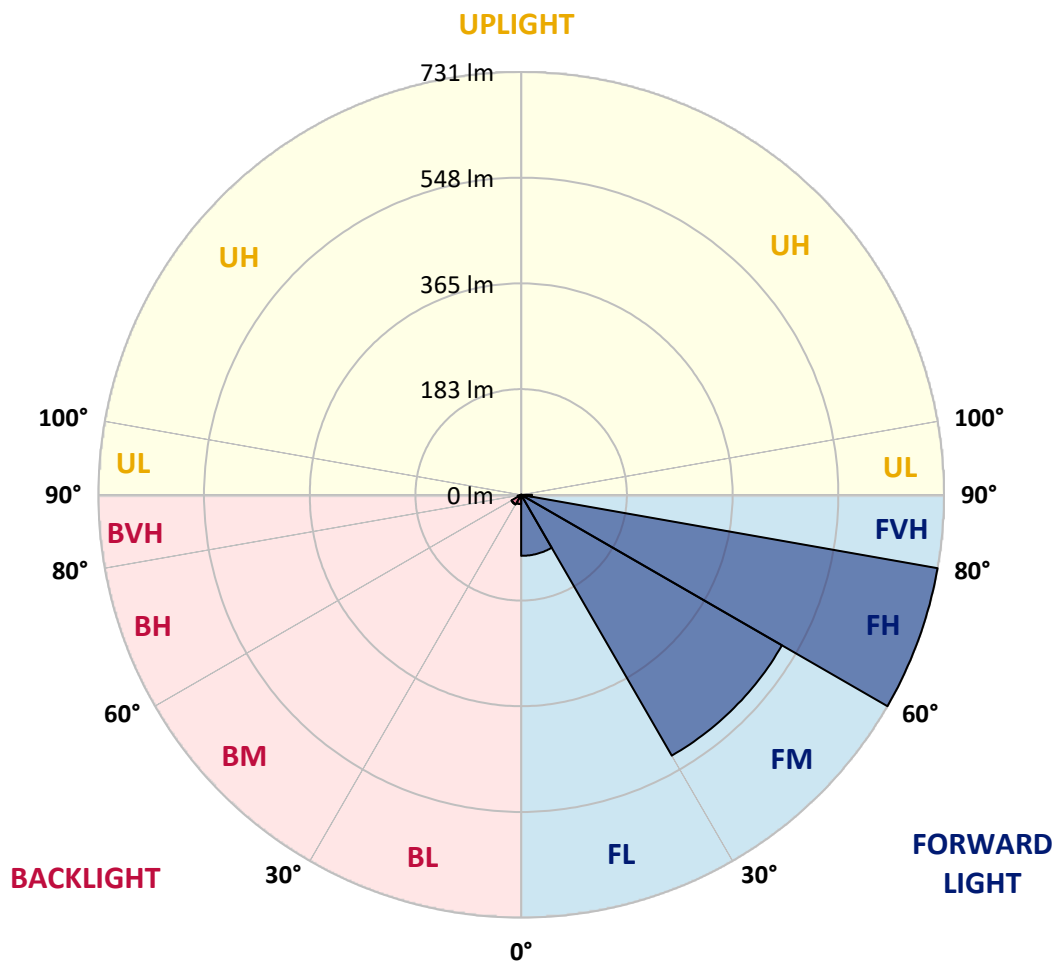
CATALOG NUMBER: AVM-F01-LED-E-U-SL4-HSS-8030

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

| Zone | Lumens | % Fixture | Zone Rating/Lumen Limit | | |
|----------------|--------|-----------|-------------------------|------|---------|
| | | | B | U | G |
| FL (0°-30°) | 105.5 | 7.4 | | | |
| FM (30°-60°) | 520.5 | 36.7 | | | |
| FH (60°-80°) | 730.7 | 51.5 | | | G1/1800 |
| FVH (80°-90°) | 18.8 | 1.3 | | | G1/100 |
| BL (0°-30°) | 16.1 | 1.1 | B0/110 | | |
| BM (30°-60°) | 19.3 | 1.4 | B0/220 | | |
| BH (60°-80°) | 6.2 | 0.4 | B0/110 | | G0/110 |
| BVH (80°-90°) | 0.7 | 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-G1

Type IV Short





REPORT NUMBER: P151963

CATALOG NUMBER: AVM-F01-LED-E-U-SL4-HSS-8030

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 107.1 | 107.1 | 107.1 | 107.1 | 107.1 | 107.1 | 107.1 | 107.1 | 107.1 | 107.1 | 107.1 |
| 2.5° | 142.8 | 141.2 | 139.3 | 139.3 | 137.0 | 137.0 | 135.6 | 131.9 | 131.5 | 129.4 | 127.3 |
| 5° | 182.3 | 180.9 | 178.6 | 176.5 | 174.6 | 171.4 | 169.1 | 164.7 | 159.8 | 155.1 | 151.0 |
| 7.5° | 220.9 | 220.2 | 216.0 | 215.3 | 212.3 | 206.9 | 202.3 | 195.8 | 187.4 | 180.9 | 173.3 |
| 10° | 256.6 | 255.0 | 254.1 | 250.1 | 245.7 | 239.9 | 232.7 | 224.8 | 215.1 | 204.8 | 193.9 |
| 12.5° | 285.0 | 284.0 | 279.9 | 278.2 | 273.6 | 267.8 | 258.7 | 248.5 | 238.7 | 225.5 | 212.7 |
| 15° | 306.1 | 304.5 | 301.7 | 299.1 | 293.6 | 288.4 | 280.1 | 268.9 | 257.1 | 242.7 | 227.4 |
| 17.5° | 323.7 | 320.7 | 320.0 | 316.1 | 310.3 | 304.2 | 295.0 | 284.7 | 270.8 | 256.4 | 239.7 |
| 20° | 347.4 | 343.3 | 341.9 | 336.1 | 329.3 | 321.0 | 310.3 | 297.5 | 282.9 | 267.1 | 249.9 |
| 22.5° | 375.3 | 372.3 | 369.3 | 364.2 | 355.6 | 343.7 | 328.2 | 314.2 | 295.6 | 278.2 | 259.7 |
| 25° | 414.8 | 412.2 | 407.4 | 400.4 | 389.7 | 375.5 | 356.7 | 336.3 | 314.5 | 292.2 | 270.3 |
| 27.5° | 453.1 | 450.8 | 447.3 | 442.0 | 429.9 | 414.3 | 391.1 | 365.1 | 337.5 | 310.5 | 286.4 |
| 30° | 489.1 | 487.0 | 483.5 | 478.2 | 467.5 | 452.2 | 425.9 | 398.1 | 363.7 | 332.3 | 303.3 |
| 32.5° | 527.9 | 527.2 | 523.2 | 515.6 | 506.3 | 485.6 | 457.1 | 427.1 | 392.3 | 356.0 | 322.1 |
| 35° | 571.8 | 566.4 | 562.7 | 555.1 | 539.3 | 517.2 | 483.8 | 451.0 | 414.3 | 377.2 | 339.3 |
| 37.5° | 608.9 | 603.8 | 599.2 | 589.4 | 570.2 | 542.1 | 504.2 | 468.2 | 430.4 | 392.5 | 353.9 |
| 40° | 636.1 | 633.6 | 628.0 | 615.2 | 593.6 | 560.2 | 519.3 | 480.1 | 442.0 | 403.9 | 365.8 |
| 42.5° | 656.3 | 652.4 | 646.1 | 632.9 | 607.3 | 569.2 | 525.3 | 484.9 | 447.3 | 410.8 | 373.5 |
| 45° | 663.8 | 660.5 | 654.7 | 640.3 | 612.7 | 571.8 | 525.1 | 483.5 | 447.5 | 412.9 | 378.6 |
| 47.5° | 659.3 | 656.1 | 651.0 | 637.5 | 610.3 | 568.8 | 520.9 | 479.6 | 445.2 | 413.6 | 383.2 |
| 50° | 644.7 | 642.9 | 638.9 | 627.5 | 603.1 | 563.0 | 517.2 | 477.5 | 444.7 | 417.1 | 389.7 |
| 52.5° | 643.3 | 642.2 | 637.3 | 625.9 | 601.1 | 561.1 | 516.7 | 478.7 | 448.7 | 421.5 | 394.4 |
| 55° | 786.1 | 769.7 | 732.7 | 701.4 | 649.8 | 588.5 | 540.2 | 497.5 | 465.4 | 438.9 | 419.9 |
| 57.5° | 1117.3 | 1092.7 | 1044.2 | 984.5 | 866.0 | 749.7 | 656.6 | 589.2 | 556.0 | 543.9 | 551.1 |
| 60° | 1272.5 | 1268.1 | 1260.4 | 1232.1 | 1171.4 | 1071.3 | 959.9 | 839.3 | 791.0 | 786.8 | 801.5 |
| 62.5° | 1346.1 | 1343.3 | 1345.6 | 1342.1 | 1323.3 | 1294.1 | 1262.0 | 1210.0 | 1162.2 | 1131.3 | 1065.8 |
| 65° | 1380.0 | 1381.9 | 1395.1 | 1405.5 | 1407.9 | 1415.5 | 1439.0 | 1503.8 | 1551.2 | 1471.5 | 1289.7 |
| 67.5° | 1293.8 | 1304.8 | 1335.2 | 1373.3 | 1417.9 | 1461.1 | 1530.7 | 1667.3 | 1764.6 | 1671.0 | 1412.7 |
| 69° | 1071.1 | 1076.5 | 1150.8 | 1222.5 | 1331.5 | 1407.6 | 1508.7 | 1687.7 | 1797.1 | 1691.4 | 1403.0 |
| 70° | 843.3 | 848.2 | 927.8 | 1025.4 | 1209.5 | 1307.5 | 1439.7 | 1653.1 | 1766.7 | 1664.3 | 1352.8 |
| 72.5° | 380.4 | 373.5 | 401.6 | 453.8 | 654.0 | 809.6 | 1040.7 | 1339.4 | 1457.6 | 1333.3 | 1012.1 |
| 75° | 265.7 | 262.7 | 265.7 | 265.9 | 297.0 | 383.2 | 483.5 | 726.0 | 897.9 | 774.8 | 483.5 |
| 77.5° | 205.8 | 203.7 | 201.6 | 199.3 | 203.0 | 227.4 | 237.1 | 257.6 | 334.4 | 316.3 | 184.4 |
| 80° | 162.8 | 160.9 | 166.1 | 164.4 | 164.4 | 167.2 | 165.4 | 157.7 | 143.3 | 132.8 | 118.9 |
| 82.5° | 75.7 | 76.2 | 76.2 | 82.7 | 99.6 | 116.4 | 121.7 | 114.0 | 101.3 | 86.2 | 69.4 |
| 85° | 7.2 | 8.1 | 13.7 | 21.1 | 42.0 | 47.4 | 47.6 | 39.5 | 39.5 | 31.1 | 25.1 |
| 87.5° | 0.0 | 0.2 | 0.2 | 0.2 | 2.1 | 5.8 | 4.9 | 1.4 | 0.7 | 0.7 | 1.2 |
| 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: P151963
 CATALOG NUMBER: AVM-F01-LED-E-U-SL4-HSS-8030

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|-------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 107.1 | 107.1 | 107.1 | 107.1 | 107.1 | 107.1 | 107.1 | 107.1 | 107.1 | 107.1 | 107.1 |
| 2.5° | 123.6 | 122.9 | 120.1 | 117.3 | 114.7 | 111.9 | 109.4 | 106.8 | 104.0 | 102.0 | 99.4 |
| 5° | 144.5 | 139.3 | 133.5 | 128.0 | 122.4 | 116.6 | 110.5 | 105.2 | 99.6 | 94.5 | 89.6 |
| 7.5° | 165.6 | 155.6 | 147.7 | 137.7 | 128.7 | 119.6 | 111.2 | 102.7 | 94.8 | 87.3 | 80.4 |
| 10° | 183.5 | 171.4 | 159.1 | 146.3 | 133.3 | 121.2 | 109.6 | 99.4 | 88.9 | 79.9 | 71.3 |
| 12.5° | 198.1 | 182.8 | 167.7 | 151.7 | 137.0 | 121.7 | 107.3 | 95.0 | 82.7 | 72.5 | 63.6 |
| 15° | 211.3 | 193.7 | 175.6 | 157.0 | 138.4 | 121.0 | 105.0 | 89.6 | 77.1 | 65.5 | 55.5 |
| 17.5° | 222.0 | 201.8 | 181.4 | 160.5 | 140.5 | 120.1 | 102.0 | 85.9 | 71.3 | 59.2 | 49.5 |
| 20° | 231.3 | 210.2 | 188.1 | 164.7 | 141.9 | 119.8 | 99.4 | 81.3 | 66.2 | 53.4 | 43.9 |
| 22.5° | 239.9 | 218.8 | 195.1 | 170.0 | 144.0 | 119.6 | 97.1 | 77.8 | 61.8 | 49.0 | 39.5 |
| 25° | 249.7 | 227.4 | 202.5 | 175.6 | 147.7 | 120.5 | 95.7 | 75.0 | 57.8 | 44.8 | 36.0 |
| 27.5° | 260.6 | 237.1 | 211.3 | 182.5 | 152.6 | 122.4 | 95.2 | 72.0 | 54.3 | 40.9 | 33.2 |
| 30° | 275.9 | 248.7 | 220.2 | 189.5 | 157.0 | 124.5 | 94.8 | 70.1 | 50.9 | 37.9 | 30.4 |
| 32.5° | 289.4 | 260.1 | 229.9 | 196.7 | 161.9 | 126.6 | 94.5 | 67.6 | 47.6 | 34.8 | 28.3 |
| 35° | 303.5 | 270.6 | 238.3 | 203.7 | 166.1 | 128.9 | 94.3 | 65.7 | 44.6 | 31.8 | 26.2 |
| 37.5° | 315.9 | 279.4 | 244.8 | 209.7 | 170.7 | 131.0 | 94.5 | 64.1 | 41.8 | 29.3 | 24.4 |
| 40° | 326.3 | 288.4 | 252.0 | 215.3 | 175.6 | 134.2 | 94.8 | 62.5 | 39.0 | 26.9 | 22.8 |
| 42.5° | 335.6 | 297.0 | 259.7 | 221.6 | 181.2 | 138.0 | 96.1 | 61.1 | 36.7 | 24.9 | 21.1 |
| 45° | 342.8 | 304.9 | 268.0 | 230.4 | 190.2 | 144.0 | 98.7 | 60.2 | 34.4 | 23.0 | 19.7 |
| 47.5° | 350.2 | 316.6 | 282.2 | 244.3 | 203.4 | 153.5 | 103.1 | 59.9 | 32.5 | 21.6 | 18.6 |
| 50° | 360.4 | 328.2 | 294.7 | 258.5 | 215.5 | 163.3 | 108.5 | 60.2 | 30.2 | 20.2 | 17.4 |
| 52.5° | 367.9 | 340.0 | 311.0 | 283.1 | 244.3 | 193.0 | 129.1 | 64.3 | 29.0 | 19.0 | 16.0 |
| 55° | 411.8 | 406.9 | 407.6 | 412.2 | 382.3 | 328.4 | 216.0 | 92.9 | 34.1 | 21.6 | 15.8 |
| 57.5° | 580.6 | 597.8 | 607.8 | 607.6 | 558.1 | 462.9 | 290.1 | 119.4 | 38.1 | 25.1 | 18.8 |
| 60° | 802.6 | 789.6 | 771.3 | 726.0 | 660.3 | 528.4 | 324.4 | 128.4 | 33.0 | 20.0 | 17.2 |
| 62.5° | 998.9 | 922.7 | 855.1 | 781.7 | 695.6 | 551.1 | 331.4 | 127.7 | 28.8 | 15.1 | 12.1 |
| 65° | 1121.3 | 984.3 | 875.1 | 783.1 | 681.6 | 532.1 | 313.5 | 117.3 | 24.4 | 12.3 | 10.0 |
| 67.5° | 1150.5 | 951.0 | 796.6 | 679.3 | 569.5 | 414.1 | 230.2 | 88.3 | 19.0 | 10.2 | 8.8 |
| 69° | 1086.7 | 845.4 | 660.0 | 527.0 | 414.3 | 274.7 | 142.4 | 55.7 | 14.6 | 9.3 | 8.1 |
| 70° | 999.6 | 735.3 | 537.6 | 422.9 | 306.8 | 193.0 | 99.6 | 39.2 | 11.8 | 8.6 | 7.4 |
| 72.5° | 643.1 | 386.2 | 264.3 | 183.9 | 126.6 | 76.9 | 39.0 | 17.7 | 9.1 | 7.2 | 6.0 |
| 75° | 249.4 | 142.8 | 103.6 | 78.7 | 61.5 | 42.7 | 23.7 | 11.4 | 7.7 | 6.0 | 4.6 |
| 77.5° | 122.9 | 94.1 | 76.9 | 52.7 | 30.7 | 19.0 | 12.8 | 8.8 | 6.3 | 4.4 | 3.0 |
| 80° | 97.1 | 64.6 | 38.6 | 23.9 | 18.1 | 13.7 | 9.8 | 7.2 | 4.6 | 2.8 | 2.1 |
| 82.5° | 49.7 | 27.2 | 20.0 | 16.3 | 13.5 | 10.7 | 7.9 | 5.1 | 3.0 | 1.9 | 1.6 |
| 85° | 15.6 | 11.4 | 10.2 | 10.0 | 9.3 | 7.7 | 5.6 | 3.3 | 1.9 | 1.2 | 1.2 |
| 87.5° | 1.2 | 1.6 | 2.1 | 1.6 | 1.9 | 1.6 | 2.1 | 1.4 | 0.9 | 0.9 | 0.7 |
| 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: P151963

CATALOG NUMBER: AVM-F01-LED-E-U-SL4-HSS-8030

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 107.1 | 107.1 | 107.1 | 107.1 | 107.1 | 107.1 | 107.1 | 107.1 | 107.1 | 107.1 | 107.1 |
| 2.5° | 97.5 | 94.8 | 92.2 | 90.6 | 87.6 | 86.4 | 85.2 | 84.8 | 82.7 | 83.1 | 81.3 |
| 5° | 85.2 | 80.4 | 76.6 | 72.9 | 69.4 | 66.9 | 64.8 | 62.2 | 60.2 | 59.2 | 57.4 |
| 7.5° | 74.1 | 67.8 | 62.9 | 59.0 | 54.8 | 51.6 | 48.8 | 46.9 | 45.1 | 43.2 | 42.3 |
| 10° | 64.3 | 57.6 | 52.0 | 48.1 | 44.1 | 41.3 | 39.2 | 37.9 | 36.7 | 36.0 | 35.8 |
| 12.5° | 55.3 | 48.8 | 43.7 | 40.2 | 37.2 | 35.8 | 34.8 | 34.1 | 33.9 | 33.7 | 33.7 |
| 15° | 48.3 | 41.8 | 37.9 | 35.3 | 33.9 | 33.2 | 33.0 | 32.5 | 32.0 | 31.8 | 31.8 |
| 17.5° | 41.8 | 36.9 | 34.1 | 32.7 | 32.0 | 31.6 | 31.1 | 30.7 | 30.2 | 30.0 | 30.0 |
| 20° | 37.4 | 33.4 | 32.0 | 31.1 | 30.4 | 30.0 | 29.3 | 28.8 | 28.6 | 28.3 | 28.1 |
| 22.5° | 33.9 | 31.4 | 30.4 | 29.7 | 28.8 | 28.1 | 27.6 | 27.2 | 26.7 | 26.5 | 26.2 |
| 25° | 31.4 | 29.7 | 29.0 | 28.1 | 27.2 | 26.5 | 25.8 | 25.1 | 24.6 | 24.4 | 23.9 |
| 27.5° | 29.5 | 28.3 | 27.4 | 26.2 | 25.3 | 24.6 | 23.9 | 23.2 | 22.8 | 22.3 | 22.1 |
| 30° | 27.9 | 26.7 | 25.5 | 24.6 | 23.5 | 22.8 | 21.8 | 21.1 | 20.9 | 20.4 | 20.0 |
| 32.5° | 26.2 | 25.1 | 23.9 | 22.8 | 21.6 | 20.7 | 20.2 | 19.3 | 18.8 | 18.6 | 18.1 |
| 35° | 24.4 | 23.2 | 21.8 | 20.9 | 19.7 | 18.8 | 18.1 | 17.4 | 17.0 | 16.5 | 16.3 |
| 37.5° | 22.8 | 21.4 | 20.0 | 18.8 | 17.9 | 17.0 | 16.3 | 15.6 | 15.1 | 14.6 | 14.4 |
| 40° | 20.9 | 19.5 | 18.1 | 17.0 | 16.0 | 15.3 | 14.6 | 13.9 | 13.5 | 13.2 | 13.2 |
| 42.5° | 19.3 | 17.7 | 16.3 | 15.3 | 14.6 | 13.7 | 13.0 | 12.3 | 12.1 | 11.8 | 12.1 |
| 45° | 17.7 | 16.0 | 14.9 | 13.9 | 13.2 | 12.3 | 11.6 | 11.1 | 10.9 | 11.1 | 11.4 |
| 47.5° | 16.3 | 14.6 | 13.5 | 12.8 | 12.1 | 11.4 | 10.7 | 10.2 | 10.2 | 10.7 | 11.1 |
| 50° | 14.9 | 13.2 | 12.3 | 11.8 | 11.1 | 10.5 | 9.5 | 9.3 | 9.5 | 10.0 | 10.5 |
| 52.5° | 13.5 | 11.6 | 10.9 | 10.7 | 10.0 | 9.3 | 8.6 | 8.4 | 8.6 | 9.1 | 8.8 |
| 55° | 12.1 | 10.2 | 10.0 | 9.8 | 9.1 | 8.1 | 7.4 | 7.4 | 7.4 | 7.2 | 6.7 |
| 57.5° | 11.6 | 9.1 | 8.8 | 8.6 | 7.9 | 7.0 | 6.5 | 6.0 | 5.8 | 5.1 | 4.9 |
| 60° | 12.1 | 8.1 | 8.1 | 7.7 | 7.0 | 6.0 | 5.3 | 4.6 | 4.2 | 3.7 | 3.7 |
| 62.5° | 9.8 | 7.4 | 7.2 | 6.7 | 5.8 | 4.9 | 4.2 | 3.5 | 3.3 | 3.0 | 3.0 |
| 65° | 7.9 | 6.7 | 6.3 | 5.6 | 4.9 | 3.9 | 3.3 | 2.8 | 2.6 | 2.6 | 2.8 |
| 67.5° | 7.2 | 6.0 | 5.3 | 4.6 | 3.9 | 3.0 | 2.6 | 2.3 | 2.3 | 2.6 | 2.6 |
| 69° | 6.7 | 5.6 | 4.9 | 4.2 | 3.5 | 2.8 | 2.3 | 2.3 | 2.3 | 2.3 | 2.6 |
| 70° | 6.3 | 5.3 | 4.6 | 3.9 | 3.0 | 2.3 | 2.1 | 2.1 | 2.3 | 2.3 | 2.6 |
| 72.5° | 4.9 | 4.2 | 3.9 | 3.3 | 2.3 | 2.1 | 1.9 | 2.1 | 2.1 | 2.3 | 2.3 |
| 75° | 3.7 | 3.0 | 3.0 | 2.6 | 1.9 | 1.6 | 1.6 | 1.9 | 1.9 | 2.1 | 2.1 |
| 77.5° | 2.6 | 2.1 | 2.1 | 1.9 | 1.6 | 1.4 | 1.4 | 1.6 | 1.9 | 1.9 | 2.1 |
| 80° | 1.9 | 1.6 | 1.4 | 1.6 | 1.4 | 1.2 | 1.4 | 1.6 | 1.6 | 1.9 | 1.9 |
| 82.5° | 1.4 | 1.4 | 1.4 | 1.4 | 1.2 | 1.2 | 1.4 | 1.4 | 1.6 | 1.9 | 1.9 |
| 85° | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.4 | 1.4 | 1.6 | 1.6 |
| 87.5° | 0.7 | 0.7 | 0.7 | 0.9 | 0.9 | 1.2 | 1.2 | 1.2 | 1.2 | 1.4 | 1.4 |
| 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: P151963

CATALOG NUMBER: AVM-F01-LED-E-U-SL4-HSS-8030

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° |
|-------|-------|-------|-------|-------|
| 0° | 107.1 | 107.1 | 107.1 | 107.1 |
| 2.5° | 80.8 | 80.6 | 79.7 | 79.9 |
| 5° | 56.7 | 55.3 | 56.2 | 56.0 |
| 7.5° | 41.6 | 41.3 | 41.1 | 41.6 |
| 10° | 35.5 | 35.5 | 35.3 | 35.5 |
| 12.5° | 33.4 | 33.4 | 33.4 | 33.4 |
| 15° | 31.8 | 31.8 | 31.6 | 31.6 |
| 17.5° | 30.0 | 30.0 | 30.0 | 29.7 |
| 20° | 28.1 | 27.9 | 27.9 | 27.9 |
| 22.5° | 26.0 | 25.8 | 25.8 | 25.8 |
| 25° | 23.9 | 23.7 | 23.7 | 23.7 |
| 27.5° | 21.8 | 21.6 | 21.4 | 21.4 |
| 30° | 19.7 | 19.5 | 19.3 | 19.3 |
| 32.5° | 17.7 | 17.4 | 17.2 | 17.2 |
| 35° | 15.8 | 15.8 | 15.6 | 15.3 |
| 37.5° | 14.2 | 14.2 | 14.2 | 14.2 |
| 40° | 13.0 | 13.2 | 13.2 | 13.2 |
| 42.5° | 12.3 | 12.5 | 12.8 | 13.0 |
| 45° | 11.8 | 12.3 | 12.5 | 12.5 |
| 47.5° | 11.6 | 11.8 | 12.1 | 12.1 |
| 50° | 10.7 | 10.5 | 10.5 | 10.5 |
| 52.5° | 8.6 | 8.1 | 7.9 | 7.7 |
| 55° | 6.3 | 6.0 | 5.6 | 5.6 |
| 57.5° | 4.4 | 4.4 | 4.2 | 4.2 |
| 60° | 3.5 | 3.5 | 3.3 | 3.5 |
| 62.5° | 3.0 | 3.0 | 3.0 | 3.0 |
| 65° | 2.8 | 2.8 | 2.8 | 2.8 |
| 67.5° | 2.8 | 2.8 | 2.8 | 2.8 |
| 69° | 2.6 | 2.6 | 2.6 | 2.6 |
| 70° | 2.6 | 2.6 | 2.6 | 2.6 |
| 72.5° | 2.3 | 2.3 | 2.3 | 2.3 |
| 75° | 2.1 | 2.3 | 2.3 | 2.3 |
| 77.5° | 2.1 | 2.1 | 2.1 | 2.1 |
| 80° | 1.9 | 1.9 | 2.1 | 2.1 |
| 82.5° | 1.9 | 1.9 | 1.9 | 1.9 |
| 85° | 1.6 | 1.6 | 1.9 | 1.9 |
| 87.5° | 1.4 | 1.4 | 1.6 | 1.6 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 |

(END OF REPORT)