

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: P156840

Luminaire Tested: **AVM-E06-LED-E-U-T4**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P156840
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (P33673)
Test Lab: INNOVATION CENTER-P3
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: AVM-E06-LED-E-U-T4
Description: VISION SITE MEDIUM LED LUMINAIRE
(6) LIGHTBARS WITH AccuLED OPTICS - TYPE 4 SHORT
Light Source: (126) 4000K CCT, 70 CRI LEDs
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 18132.2 lumens
Efficiency: N/A
Efficacy: 120.5 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type IV - Short - Semi-Cutoff
BUG Rating: B3 - U0 - G3

Input Watts (W): 150.5
Input Voltage (V): NR
Input Current (A_{in}): 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

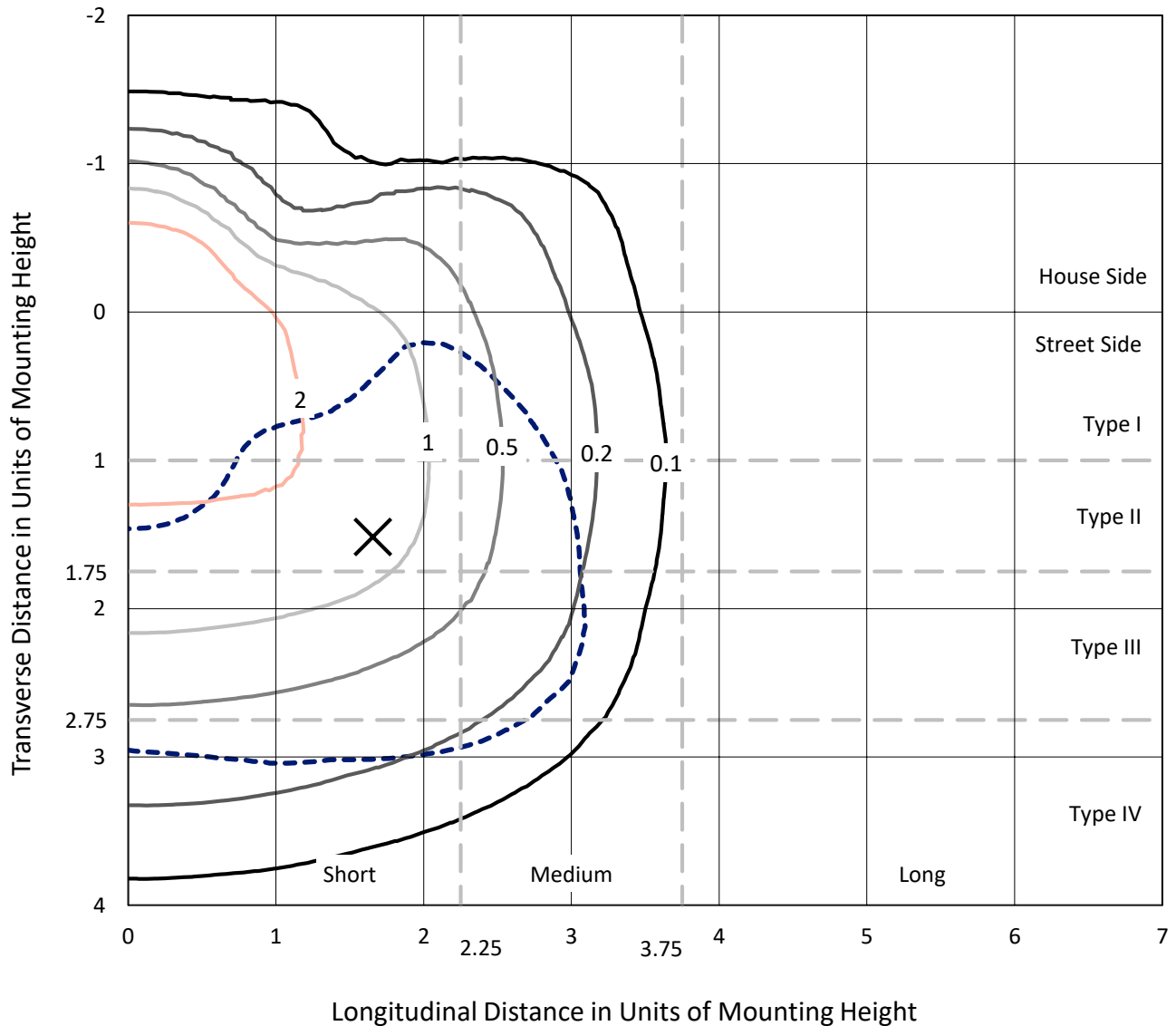


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

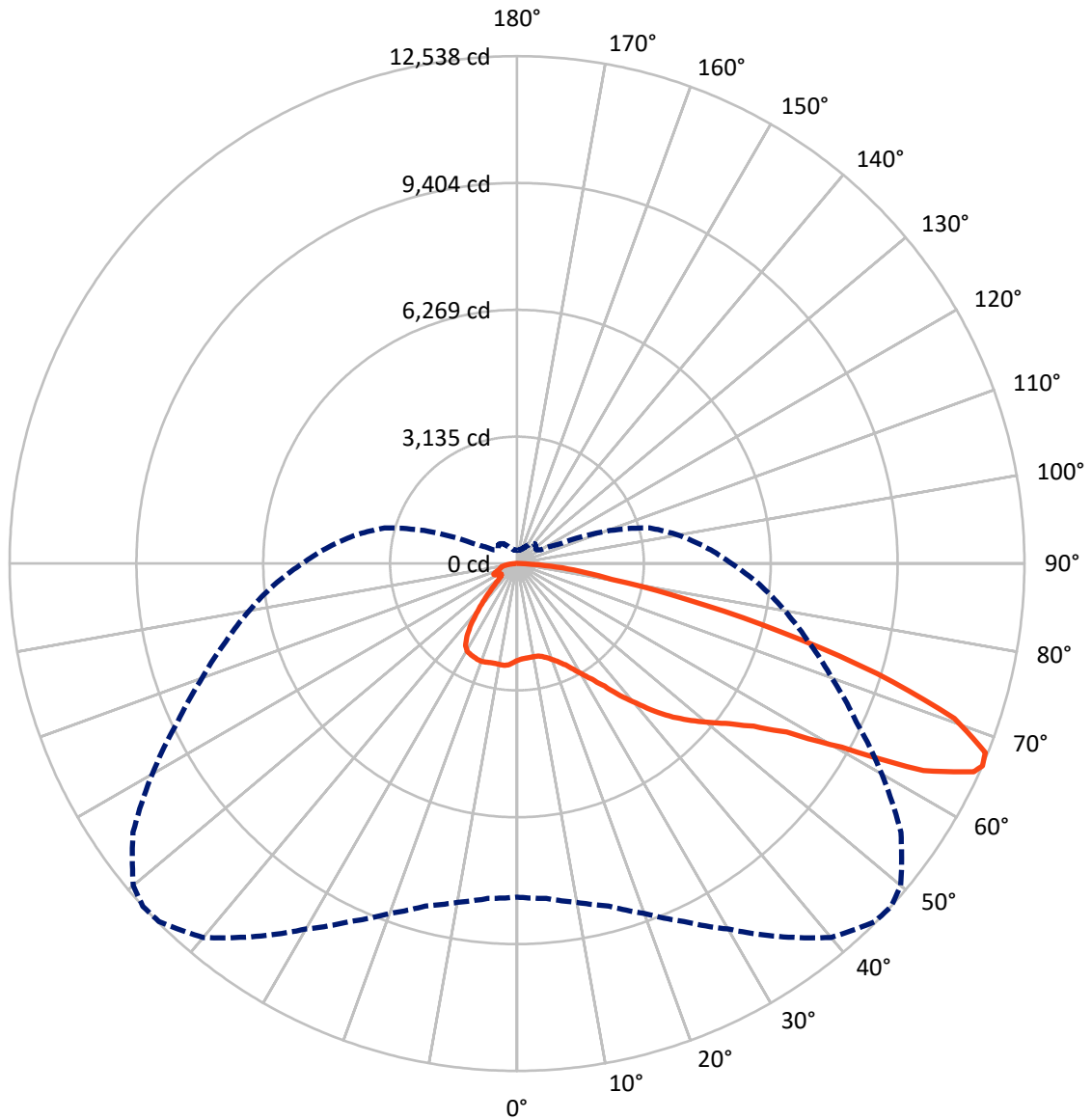


Based on 25 foot mounting height. Maximum calculated value = 4 fc
 Type IV - Short - Semi-Cutoff

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CATALOG NUMBER: AVM-E06-LED-E-U-T4

Luminous Intensity Polar Plot



— Vertical Plane Through 47.5-Deg Lateral - - - Horizontal Cone Through 66-Deg Vertical

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FLUX DISTRIBUTION:

| | | Downward | Upward | Total |
|--------------------|-----------|----------|--------|---------|
| House Side | Lumens | 3869.0 | 0.0 | 3869.0 |
| | % Fixture | 21.3 | 0.0 | 21.3 |
| Street Side | Lumens | 14263.3 | 0.0 | 14263.3 |
| | % Fixture | 78.7 | 0.0 | 78.7 |
| Total | Lumens | 18132.2 | 0.0 | 18132.2 |
| | % Fixture | 100.0 | 0.0 | 100.0 |

Coefficient of Utilization

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|---------|-----------|
| 0°-10° | 232.1 | 1.3 |
| 10°-20° | 704.6 | 3.9 |
| 20°-30° | 1213.7 | 6.7 |
| 30°-40° | 1836.3 | 10.1 |
| 40°-50° | 2380.0 | 13.1 |
| 50°-60° | 3281.3 | 18.1 |
| 60°-70° | 5098.1 | 28.1 |
| 70°-80° | 2964.6 | 16.3 |
| 80°-90° | 421.6 | 2.3 |
| 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° | 18132.2 | 100.0 |
| 0°-180° | 18132.2 | 100.0 |



REPORT NUMBER: P156840

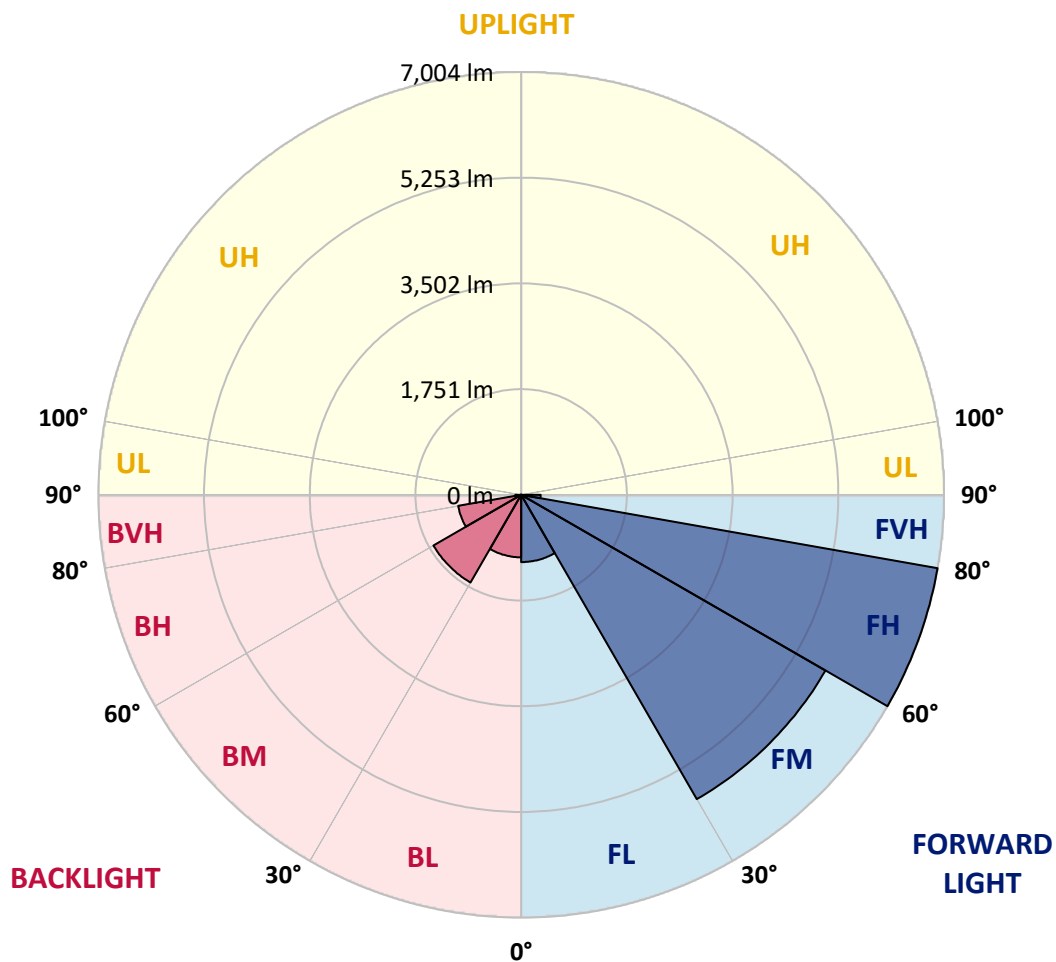
CATALOG NUMBER: AVM-E06-LED-E-U-T4

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

| Zone | | Lumens | % Fixture | Zone Rating/Lumen Limit | | |
|------|-------------|--------|-----------|-------------------------|------|---------|
| | | | | B | U | G |
| FL | (0°-30°) | 1114.8 | 6.1 | | | |
| FM | (30°-60°) | 5820.5 | 32.1 | | | |
| FH | (60°-80°) | 7004.5 | 38.6 | | | G3/7500 |
| FVH | (80°-90°) | 323.5 | 1.8 | | | G3/500 |
| BL | (0°-30°) | 1035.6 | 5.7 | B3/2500 | | |
| BM | (30°-60°) | 1677.2 | 9.2 | B2/2500 | | |
| BH | (60°-80°) | 1058.2 | 5.8 | B3/2500 | | G3/2500 |
| BVH | (80°-90°) | 98.0 | 0.5 | | | G1/100 |
| UL | (90°-100°) | 0.0 | 0.0 | | U0/0 | |
| UH | (100°-180°) | 0.0 | 0.0 | | U0/0 | |

BUG Rating: B3-U0-G3

Type IV Short





REPORT NUMBER: P156840

CATALOG NUMBER: AVM-E06-LED-E-U-T4

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 47.5° |
|-------|------|------|------|------|------|------|-------|-------|-------|-------|-------|
| 0° | 2390 | 2390 | 2390 | 2390 | 2390 | 2390 | 2390 | 2390 | 2390 | 2390 | 2390 |
| 2.5° | 2346 | 2354 | 2348 | 2350 | 2350 | 2352 | 2352 | 2354 | 2352 | 2358 | 2362 |
| 5° | 2304 | 2308 | 2306 | 2310 | 2314 | 2322 | 2320 | 2330 | 2332 | 2338 | 2348 |
| 7.5° | 2288 | 2284 | 2286 | 2292 | 2296 | 2300 | 2304 | 2312 | 2318 | 2332 | 2340 |
| 10° | 2304 | 2302 | 2304 | 2308 | 2308 | 2310 | 2306 | 2314 | 2318 | 2330 | 2338 |
| 12.5° | 2370 | 2370 | 2366 | 2366 | 2362 | 2358 | 2348 | 2342 | 2340 | 2342 | 2346 |
| 15° | 2476 | 2472 | 2464 | 2458 | 2450 | 2436 | 2422 | 2410 | 2402 | 2390 | 2386 |
| 17.5° | 2580 | 2574 | 2566 | 2558 | 2548 | 2534 | 2512 | 2498 | 2476 | 2462 | 2454 |
| 20° | 2700 | 2688 | 2678 | 2668 | 2648 | 2644 | 2622 | 2598 | 2572 | 2540 | 2536 |
| 22.5° | 2856 | 2836 | 2824 | 2818 | 2798 | 2792 | 2756 | 2722 | 2690 | 2648 | 2638 |
| 25° | 3014 | 2994 | 2988 | 2980 | 2966 | 2958 | 2924 | 2886 | 2844 | 2786 | 2774 |
| 27.5° | 3168 | 3170 | 3154 | 3160 | 3156 | 3142 | 3108 | 3070 | 3038 | 2970 | 2956 |
| 30° | 3360 | 3348 | 3340 | 3352 | 3338 | 3340 | 3310 | 3290 | 3238 | 3198 | 3170 |
| 32.5° | 3560 | 3558 | 3570 | 3578 | 3576 | 3572 | 3548 | 3528 | 3482 | 3424 | 3412 |
| 35° | 3834 | 3846 | 3856 | 3892 | 3892 | 3918 | 3894 | 3870 | 3816 | 3746 | 3722 |
| 37.5° | 4020 | 4024 | 4064 | 4112 | 4172 | 4228 | 4244 | 4250 | 4228 | 4176 | 4140 |
| 40° | 4190 | 4198 | 4262 | 4336 | 4424 | 4534 | 4600 | 4630 | 4636 | 4612 | 4534 |
| 42.5° | 4360 | 4372 | 4438 | 4546 | 4668 | 4808 | 4924 | 4998 | 5040 | 5040 | 4994 |
| 45° | 4558 | 4574 | 4646 | 4764 | 4906 | 5082 | 5242 | 5384 | 5452 | 5456 | 5412 |
| 47.5° | 4792 | 4806 | 4890 | 5010 | 5156 | 5334 | 5536 | 5698 | 5824 | 5832 | 5796 |
| 50° | 5094 | 5114 | 5184 | 5292 | 5442 | 5622 | 5824 | 6050 | 6182 | 6214 | 6176 |
| 52.5° | 5494 | 5498 | 5556 | 5656 | 5802 | 5974 | 6188 | 6434 | 6608 | 6634 | 6572 |
| 55° | 6046 | 6040 | 6078 | 6186 | 6296 | 6430 | 6652 | 6928 | 7122 | 7162 | 7098 |
| 57.5° | 6796 | 6790 | 6822 | 6848 | 7054 | 7184 | 7402 | 7666 | 7854 | 7970 | 7860 |
| 60° | 7958 | 7952 | 8004 | 8156 | 8310 | 8500 | 8712 | 9028 | 9292 | 9326 | 9218 |
| 62.5° | 8800 | 8830 | 8944 | 9122 | 9434 | 9806 | 10194 | 10610 | 11152 | 11324 | 11272 |
| 65° | 8506 | 8566 | 8724 | 8994 | 9410 | 9924 | 10532 | 11286 | 12012 | 12418 | 12406 |
| 66° | 8242 | 8308 | 8502 | 8762 | 9202 | 9764 | 10428 | 11250 | 12062 | 12510 | 12538 |
| 67.5° | 7762 | 7836 | 8026 | 8334 | 8762 | 9360 | 10074 | 10968 | 11886 | 12408 | 12482 |
| 70° | 6828 | 6912 | 7050 | 7304 | 7726 | 8260 | 9012 | 9812 | 10774 | 11372 | 11462 |
| 72.5° | 5708 | 5782 | 5936 | 6144 | 6490 | 6826 | 7416 | 8006 | 8694 | 9376 | 9310 |
| 75° | 4098 | 4130 | 4222 | 4448 | 4634 | 4936 | 5410 | 5894 | 6364 | 6676 | 6720 |
| 77.5° | 2130 | 2214 | 2344 | 2594 | 2796 | 3068 | 3376 | 3740 | 4084 | 4370 | 4292 |
| 80° | 1394 | 1430 | 1546 | 1674 | 1822 | 1996 | 2202 | 2338 | 2382 | 2364 | 2382 |
| 82.5° | 804 | 870 | 1024 | 1122 | 1232 | 1292 | 1456 | 1612 | 1700 | 1590 | 1550 |
| 85° | 102 | 132 | 416 | 524 | 600 | 690 | 740 | 834 | 778 | 696 | 848 |
| 87.5° | 22 | 20 | 28 | 60 | 62 | 52 | 98 | 104 | 64 | 32 | 40 |
| 90° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |



REPORT NUMBER: P156840

CATALOG NUMBER: AVM-E06-LED-E-U-T4

CANDELA DISTRIBUTION (continued):

| | 50° | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° |
|-------|-------|-------|-------|------|------|------|------|------|------|------|------|
| 0° | 2390 | 2390 | 2390 | 2390 | 2390 | 2390 | 2390 | 2390 | 2390 | 2390 | 2390 |
| 2.5° | 2366 | 2368 | 2372 | 2378 | 2382 | 2386 | 2390 | 2396 | 2400 | 2404 | 2412 |
| 5° | 2356 | 2364 | 2372 | 2380 | 2390 | 2406 | 2416 | 2424 | 2432 | 2448 | 2454 |
| 7.5° | 2350 | 2364 | 2376 | 2390 | 2406 | 2420 | 2438 | 2448 | 2460 | 2470 | 2482 |
| 10° | 2346 | 2366 | 2378 | 2398 | 2416 | 2430 | 2450 | 2462 | 2476 | 2488 | 2494 |
| 12.5° | 2354 | 2364 | 2376 | 2396 | 2418 | 2438 | 2460 | 2470 | 2482 | 2492 | 2494 |
| 15° | 2388 | 2388 | 2390 | 2406 | 2428 | 2444 | 2462 | 2472 | 2478 | 2484 | 2484 |
| 17.5° | 2450 | 2436 | 2426 | 2428 | 2442 | 2452 | 2462 | 2462 | 2458 | 2456 | 2452 |
| 20° | 2522 | 2504 | 2484 | 2470 | 2466 | 2458 | 2452 | 2432 | 2416 | 2402 | 2392 |
| 22.5° | 2626 | 2598 | 2570 | 2544 | 2520 | 2490 | 2456 | 2416 | 2378 | 2352 | 2336 |
| 25° | 2754 | 2732 | 2698 | 2658 | 2628 | 2572 | 2528 | 2470 | 2422 | 2388 | 2360 |
| 27.5° | 2936 | 2910 | 2878 | 2842 | 2798 | 2736 | 2682 | 2614 | 2556 | 2506 | 2470 |
| 30° | 3162 | 3128 | 3104 | 3060 | 3030 | 2960 | 2906 | 2822 | 2710 | 2630 | 2580 |
| 32.5° | 3394 | 3356 | 3336 | 3302 | 3268 | 3226 | 3144 | 3014 | 2870 | 2740 | 2654 |
| 35° | 3704 | 3664 | 3628 | 3598 | 3548 | 3470 | 3398 | 3242 | 3044 | 2862 | 2718 |
| 37.5° | 4094 | 4028 | 3938 | 3862 | 3774 | 3662 | 3552 | 3392 | 3166 | 2930 | 2738 |
| 40° | 4510 | 4394 | 4266 | 4124 | 3972 | 3810 | 3684 | 3522 | 3268 | 2988 | 2724 |
| 42.5° | 4944 | 4760 | 4582 | 4382 | 4170 | 3978 | 3814 | 3636 | 3344 | 3004 | 2668 |
| 45° | 5374 | 5168 | 4898 | 4636 | 4368 | 4130 | 3946 | 3746 | 3414 | 3010 | 2594 |
| 47.5° | 5730 | 5518 | 5210 | 4882 | 4564 | 4294 | 4078 | 3862 | 3508 | 3052 | 2576 |
| 50° | 6106 | 5848 | 5506 | 5118 | 4758 | 4456 | 4226 | 4002 | 3640 | 3160 | 2634 |
| 52.5° | 6516 | 6220 | 5820 | 5386 | 4992 | 4654 | 4404 | 4174 | 3808 | 3312 | 2744 |
| 55° | 7016 | 6654 | 6220 | 5730 | 5308 | 4934 | 4658 | 4386 | 4008 | 3492 | 2882 |
| 57.5° | 7780 | 7336 | 6848 | 6290 | 5822 | 5380 | 5050 | 4736 | 4318 | 3760 | 3070 |
| 60° | 9162 | 8688 | 8054 | 7378 | 6828 | 6312 | 5828 | 5438 | 4924 | 4288 | 3486 |
| 62.5° | 11142 | 10512 | 9666 | 8720 | 8000 | 7256 | 6710 | 6130 | 5492 | 4806 | 3976 |
| 65° | 12242 | 11478 | 10346 | 9248 | 8322 | 7514 | 6820 | 6148 | 5440 | 4784 | 4090 |
| 66° | 12378 | 11582 | 10406 | 9250 | 8278 | 7448 | 6718 | 6022 | 5298 | 4672 | 4042 |
| 67.5° | 12322 | 11508 | 10296 | 9076 | 8088 | 7196 | 6442 | 5720 | 4998 | 4414 | 3882 |
| 70° | 11404 | 10632 | 9442 | 8260 | 7322 | 6442 | 5722 | 5012 | 4350 | 3850 | 3458 |
| 72.5° | 9470 | 8810 | 7776 | 6848 | 6112 | 5386 | 4776 | 4098 | 3538 | 3168 | 2936 |
| 75° | 6836 | 6436 | 5494 | 4962 | 4316 | 3834 | 3242 | 2840 | 2438 | 2258 | 2218 |
| 77.5° | 4318 | 3780 | 3182 | 2620 | 2154 | 1786 | 1390 | 1180 | 984 | 964 | 1164 |
| 80° | 2186 | 1968 | 1516 | 1208 | 1016 | 822 | 650 | 492 | 344 | 414 | 496 |
| 82.5° | 1432 | 1194 | 936 | 770 | 670 | 556 | 432 | 300 | 220 | 248 | 340 |
| 85° | 774 | 660 | 532 | 420 | 340 | 304 | 204 | 144 | 142 | 152 | 194 |
| 87.5° | 56 | 56 | 44 | 40 | 48 | 40 | 36 | 36 | 34 | 36 | 48 |
| 90° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |



REPORT NUMBER: P156840

CATALOG NUMBER: AVM-E06-LED-E-U-T4

CANDELA DISTRIBUTION (continued):

| | 105° | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° |
|-------|------|------|------|------|------|------|------|------|------|------|------|
| 0° | 2390 | 2390 | 2390 | 2390 | 2390 | 2390 | 2390 | 2390 | 2390 | 2390 | 2390 |
| 2.5° | 2416 | 2422 | 2424 | 2434 | 2440 | 2444 | 2448 | 2448 | 2450 | 2456 | 2458 |
| 5° | 2462 | 2472 | 2484 | 2492 | 2496 | 2508 | 2512 | 2512 | 2516 | 2524 | 2530 |
| 7.5° | 2490 | 2504 | 2516 | 2520 | 2528 | 2532 | 2538 | 2542 | 2542 | 2550 | 2554 |
| 10° | 2500 | 2508 | 2520 | 2520 | 2528 | 2528 | 2534 | 2536 | 2536 | 2544 | 2550 |
| 12.5° | 2500 | 2504 | 2514 | 2514 | 2520 | 2522 | 2530 | 2536 | 2538 | 2548 | 2556 |
| 15° | 2488 | 2492 | 2500 | 2502 | 2516 | 2524 | 2542 | 2554 | 2554 | 2564 | 2568 |
| 17.5° | 2454 | 2464 | 2480 | 2496 | 2522 | 2540 | 2562 | 2572 | 2564 | 2558 | 2552 |
| 20° | 2398 | 2416 | 2454 | 2494 | 2540 | 2564 | 2576 | 2566 | 2538 | 2510 | 2492 |
| 22.5° | 2342 | 2378 | 2442 | 2502 | 2554 | 2570 | 2564 | 2528 | 2482 | 2448 | 2424 |
| 25° | 2368 | 2410 | 2472 | 2526 | 2560 | 2556 | 2532 | 2482 | 2432 | 2388 | 2348 |
| 27.5° | 2476 | 2522 | 2556 | 2574 | 2570 | 2542 | 2504 | 2448 | 2388 | 2330 | 2274 |
| 30° | 2578 | 2602 | 2610 | 2596 | 2564 | 2518 | 2470 | 2406 | 2326 | 2254 | 2190 |
| 32.5° | 2624 | 2600 | 2562 | 2524 | 2472 | 2432 | 2366 | 2296 | 2196 | 2110 | 2046 |
| 35° | 2624 | 2528 | 2432 | 2352 | 2274 | 2224 | 2148 | 2054 | 1962 | 1890 | 1840 |
| 37.5° | 2566 | 2382 | 2224 | 2094 | 1996 | 1942 | 1828 | 1744 | 1666 | 1642 | 1610 |
| 40° | 2460 | 2188 | 1960 | 1790 | 1666 | 1586 | 1472 | 1414 | 1384 | 1372 | 1366 |
| 42.5° | 2318 | 1972 | 1668 | 1458 | 1324 | 1234 | 1158 | 1122 | 1120 | 1118 | 1118 |
| 45° | 2166 | 1740 | 1384 | 1134 | 1016 | 936 | 900 | 886 | 898 | 896 | 898 |
| 47.5° | 2072 | 1564 | 1124 | 858 | 768 | 716 | 698 | 704 | 714 | 710 | 710 |
| 50° | 2060 | 1474 | 950 | 668 | 600 | 574 | 570 | 570 | 576 | 572 | 570 |
| 52.5° | 2104 | 1460 | 860 | 574 | 520 | 498 | 494 | 492 | 490 | 478 | 468 |
| 55° | 2180 | 1492 | 834 | 550 | 494 | 470 | 464 | 460 | 452 | 436 | 418 |
| 57.5° | 2332 | 1592 | 858 | 562 | 502 | 482 | 476 | 476 | 460 | 434 | 408 |
| 60° | 2698 | 1846 | 956 | 608 | 540 | 520 | 524 | 522 | 498 | 460 | 420 |
| 62.5° | 3170 | 2178 | 1084 | 672 | 588 | 584 | 604 | 600 | 560 | 502 | 444 |
| 65° | 3388 | 2334 | 1120 | 686 | 598 | 616 | 656 | 652 | 602 | 522 | 448 |
| 66° | 3392 | 2334 | 1104 | 674 | 584 | 606 | 646 | 644 | 594 | 514 | 440 |
| 67.5° | 3310 | 2270 | 1058 | 650 | 556 | 572 | 608 | 606 | 560 | 494 | 424 |
| 70° | 3002 | 2032 | 940 | 608 | 518 | 510 | 522 | 514 | 484 | 438 | 390 |
| 72.5° | 2572 | 1706 | 820 | 576 | 492 | 460 | 452 | 446 | 422 | 396 | 366 |
| 75° | 2026 | 1350 | 720 | 552 | 468 | 426 | 412 | 404 | 388 | 370 | 346 |
| 77.5° | 1250 | 966 | 628 | 520 | 450 | 408 | 398 | 386 | 362 | 340 | 322 |
| 80° | 558 | 598 | 516 | 454 | 402 | 364 | 348 | 330 | 306 | 292 | 282 |
| 82.5° | 372 | 386 | 374 | 340 | 304 | 274 | 250 | 250 | 246 | 234 | 230 |
| 85° | 238 | 240 | 232 | 210 | 196 | 178 | 168 | 170 | 178 | 176 | 174 |
| 87.5° | 54 | 54 | 64 | 60 | 70 | 74 | 80 | 86 | 98 | 98 | 104 |
| 90° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |



REPORT NUMBER: P156840

CATALOG NUMBER: AVM-E06-LED-E-U-T4

CANDELA DISTRIBUTION (continued):

| | 160° | 165° | 170° | 175° | 180° |
|-------|------|------|------|------|------|
| 0° | 2390 | 2390 | 2390 | 2390 | 2390 |
| 2.5° | 2460 | 2464 | 2468 | 2462 | 2464 |
| 5° | 2530 | 2528 | 2538 | 2532 | 2536 |
| 7.5° | 2552 | 2554 | 2562 | 2562 | 2564 |
| 10° | 2554 | 2558 | 2568 | 2574 | 2578 |
| 12.5° | 2564 | 2572 | 2588 | 2592 | 2592 |
| 15° | 2572 | 2576 | 2586 | 2590 | 2594 |
| 17.5° | 2544 | 2536 | 2540 | 2542 | 2540 |
| 20° | 2474 | 2466 | 2464 | 2456 | 2460 |
| 22.5° | 2398 | 2376 | 2362 | 2346 | 2346 |
| 25° | 2306 | 2272 | 2244 | 2216 | 2222 |
| 27.5° | 2220 | 2176 | 2148 | 2130 | 2126 |
| 30° | 2136 | 2090 | 2064 | 2042 | 2042 |
| 32.5° | 1996 | 1964 | 1930 | 1916 | 1914 |
| 35° | 1802 | 1782 | 1754 | 1748 | 1738 |
| 37.5° | 1584 | 1578 | 1554 | 1552 | 1542 |
| 40° | 1356 | 1360 | 1352 | 1348 | 1342 |
| 42.5° | 1128 | 1148 | 1144 | 1142 | 1138 |
| 45° | 910 | 924 | 926 | 932 | 942 |
| 47.5° | 716 | 720 | 724 | 722 | 724 |
| 50° | 560 | 550 | 548 | 542 | 548 |
| 52.5° | 452 | 436 | 428 | 420 | 416 |
| 55° | 398 | 382 | 374 | 370 | 366 |
| 57.5° | 384 | 368 | 356 | 348 | 346 |
| 60° | 388 | 364 | 348 | 338 | 336 |
| 62.5° | 398 | 366 | 344 | 334 | 332 |
| 65° | 396 | 362 | 342 | 330 | 328 |
| 66° | 390 | 358 | 338 | 328 | 326 |
| 67.5° | 380 | 352 | 334 | 326 | 322 |
| 70° | 362 | 344 | 330 | 320 | 316 |
| 72.5° | 346 | 332 | 320 | 310 | 308 |
| 75° | 328 | 316 | 304 | 296 | 294 |
| 77.5° | 306 | 294 | 286 | 280 | 278 |
| 80° | 270 | 262 | 254 | 246 | 246 |
| 82.5° | 224 | 218 | 210 | 204 | 202 |
| 85° | 172 | 172 | 166 | 160 | 158 |
| 87.5° | 102 | 100 | 100 | 94 | 94 |
| 90° | 0 | 0 | 0 | 0 | 0 |

(END OF REPORT)