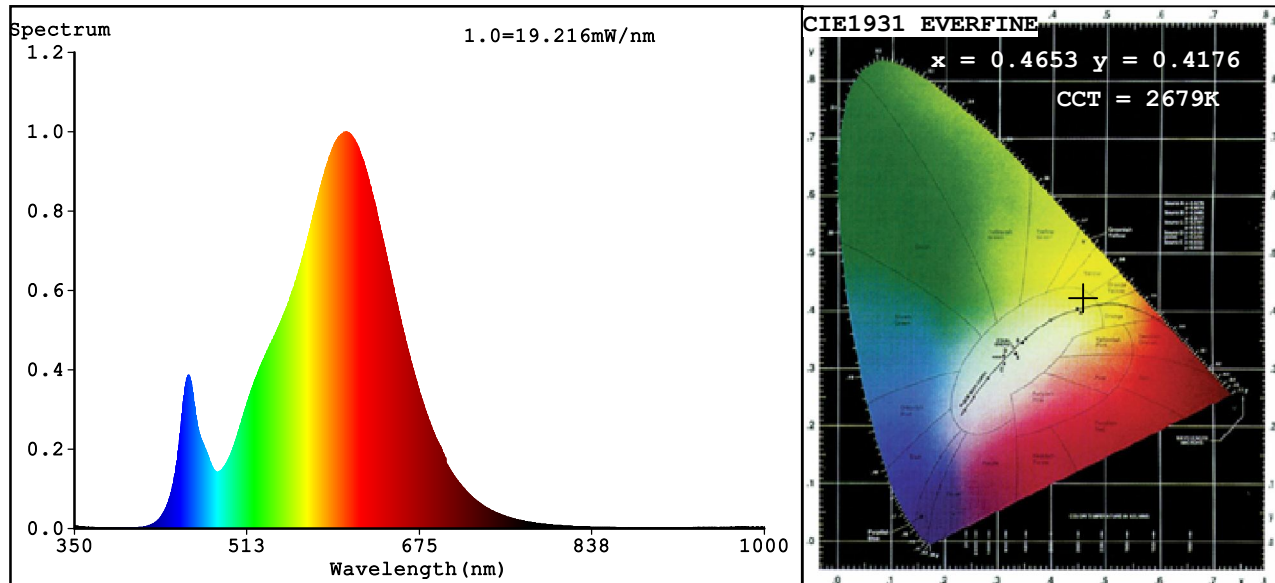


Spectrum Test Report**Color Parameters:**Chromaticity Coordinate: $x=0.4653$ $y=0.4176$ $u'=0.2629$ $v'=0.5308$

CCT=2679K(Duv=0.0021) Dominant WL:Ld =583.7nm Purity=65.0%

Ratio:R=24.8% G=73.2% B=2.0%;;Peak WL:Lp=605.8nm FWHM=118.8nm

Render Index:Ra=79.8

R1 =78 R2 =89 R3 =97 R4 =76 R5 =77 R6 =87 R7 =81

R8 =54 R9 =0 R10=75 R11=73 R12=64 R13=80 R14=99 R15=70

Photo Parameters:

Flux = 881.0 lm Eff. : 132.56 lm/W Fe = 2.692 W

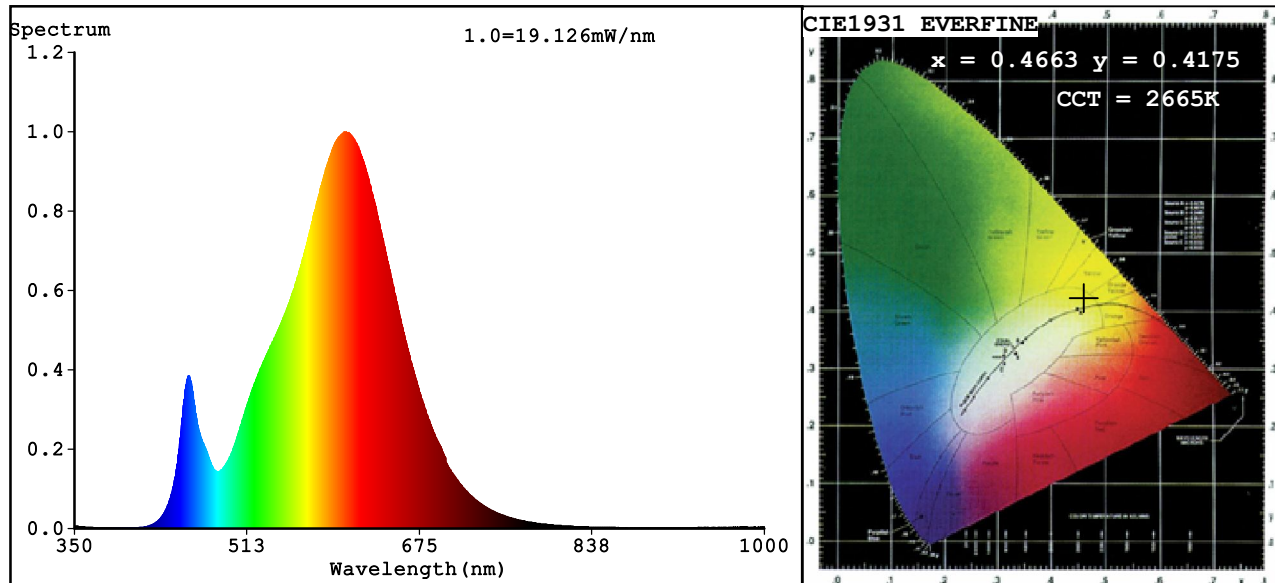
Electrical parameters:

V = 229.93 V I = 0.05283 A P = 6.646 W PF = 0.5471

WHITE:ANSI_2700K

Status: Integral T = 49 ms Ip = 47448 (72%)

Model:LED FILAMENT VINTAGE A60/8W
Tester:Petya Marinova
Temperature:25.3Deg
Manufacturer:ELMARKNumber:99LED773
Date:2018-03-27 14:53
Humidity:65.0%
Remarks:017A045_4393

Spectrum Test Report**Color Parameters:**Chromaticity Coordinate: $x=0.4663$ $y=0.4175$ $u'=0.2636$ $v'=0.5309$

CCT=2665K(Duv=0.0020) Dominant WL:Ld =583.8nm Purity=65.3%

Ratio:R=24.9% G=73.1% B=2.0%;;Peak WL:Lp=605.8nm FWHM=118.1nm

Render Index:Ra=79.8

R1 =78 R2 =90 R3 =97 R4 =75 R5 =77 R6 =87 R7 =81

R8 =54 R9 =0 R10=75 R11=73 R12=64 R13=80 R14=99 R15=70

Photo Parameters:

Flux = 873.1 lm Eff. : 131.77 lm/W Fe = 2.674 W

Electrical parameters:

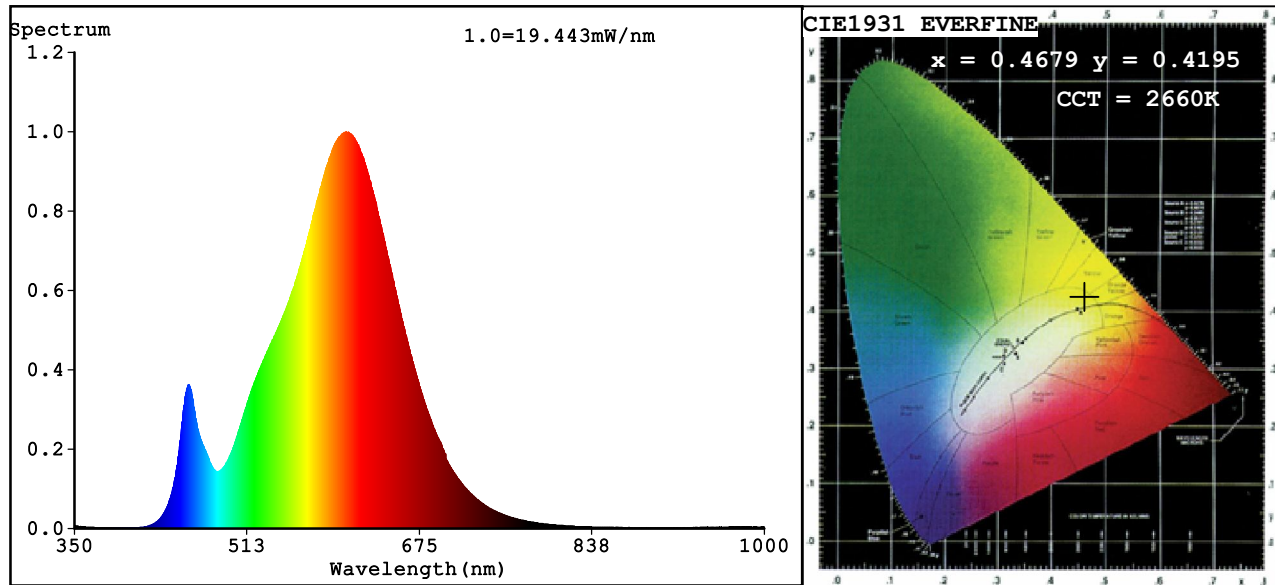
V = 229.97 V I = 0.05292 A P = 6.626 W PF = 0.5444

WHITE:ANSI_2700K

Status: Integral T = 49 ms Ip = 47235 (72%)

Model:LED FILAMENT VINTAGE A60/8W
Tester:Petya Marinova
Temperature:25.3Deg
Manufacturer:ELMARKNumber:99LED773
Date:2018-03-27 15:18
Humidity:65.0%
Remarks:017A045_4393

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.4679$ $y=0.4195$ $u'=0.2636$ $v'=0.5319$

CCT=2660K(Duv=0.0026) Dominant WL:Ld =583.6nm Purity=66.4%

Ratio:R=25.0% G=73.1% B=1.9%;;Peak WL:Lp=606.1nm FWHM=120.2nm

Render Index:Ra=80.1

R1 =78 R2 =89 R3 =97 R4 =76 R5 =77 R6 =87 R7 =82

R8 =55 R9 =2 R10=75 R11=73 R12=64 R13=80 R14=99 R15=70

Photo Parameters:

Flux = 891.9 lm Eff. : 134.79 lm/W Fe = 2.743 W

Electrical parameters:

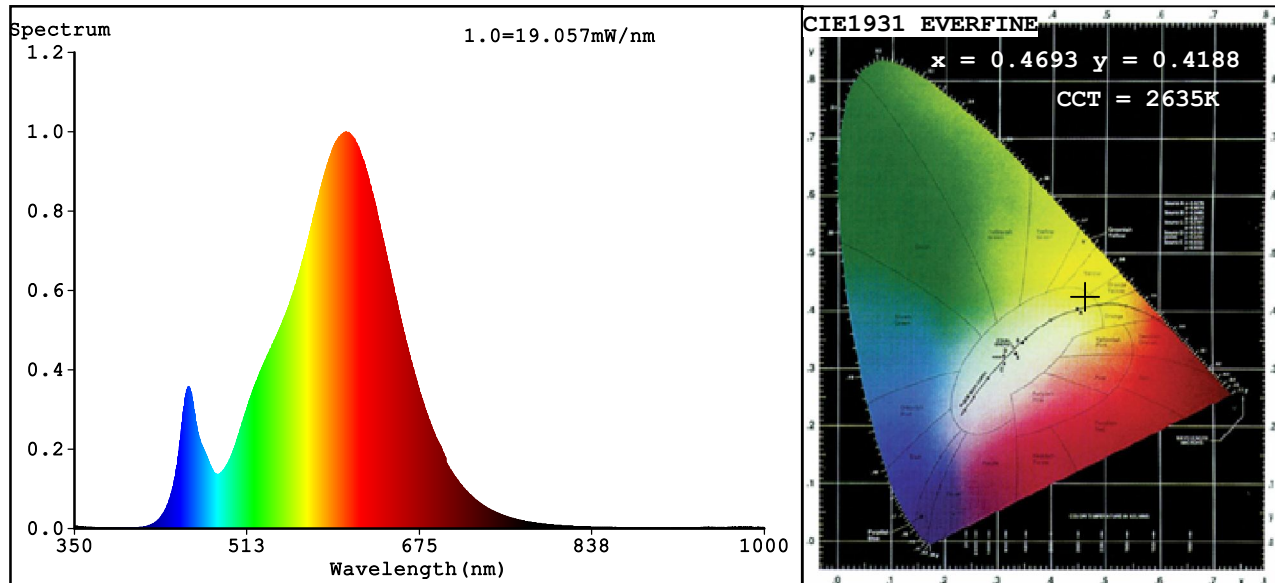
V = 229.95 V I = 0.05291 A P = 6.617 W PF = 0.5438

WHITE:ANSI_2700K

Status: Integral T = 49 ms Ip = 47996 (73%)

Model:LED FILAMENT VINTAGE Å60/8W
Tester:Petya Marinova
Temperature:25.3Deg
Manufacturer:ELMARK

Number:99LED773
Date:2018-03-27 15:21
Humidity:65.0%
Remarks:017A045_4393

Spectrum Test Report**Color Parameters:**Chromaticity Coordinate: $x=0.4693$ $y=0.4188$ $u'=0.2649$ $v'=0.5318$

CCT=2635K(Duv=0.0022) Dominant WL:Ld =583.8nm Purity=66.6%

Ratio:R=25.1% G=73.0% B=1.9%;;Peak WL:Lp=605.8nm FWHM=117.0nm

Render Index:Ra=79.4

R1 =77 R2 =89 R3 =97 R4 =75 R5 =76 R6 =86 R7 =81

R8 =54 R9 =0 R10=75 R11=72 R12=64 R13=80 R14=99 R15=69

Photo Parameters:

Flux = 863.4 lm Eff. : 130.81 lm/W Fe = 2.641 W

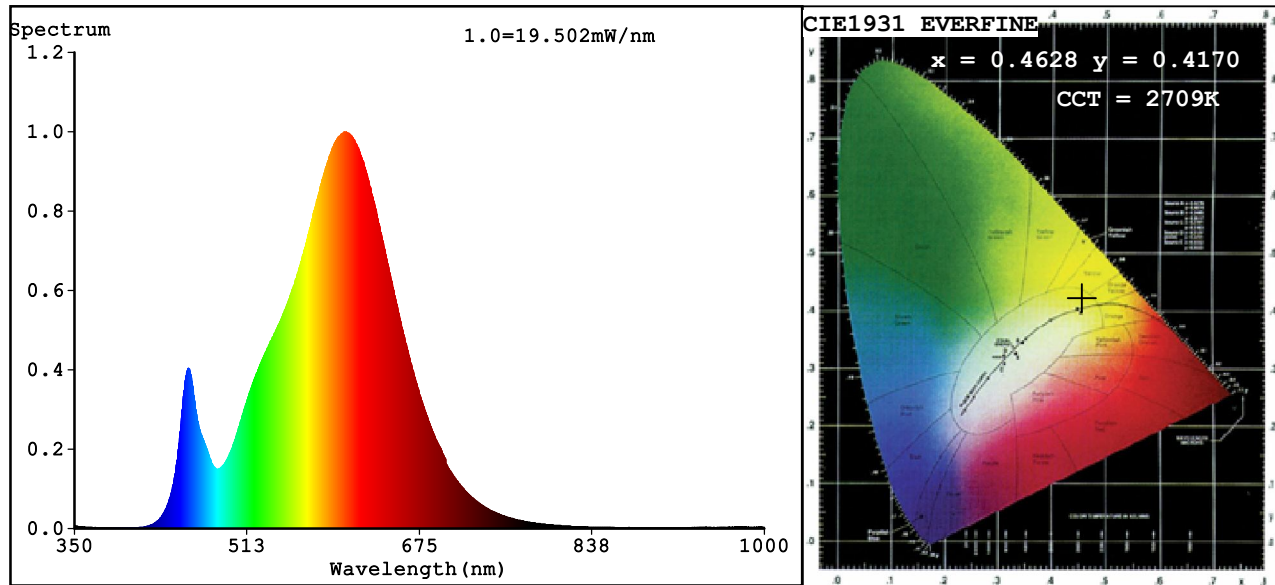
Electrical parameters:

V = 229.95 V I = 0.05276 A P = 6.601 W PF = 0.5440

WHITE:ANSI_2700K

Status: Integral T = 49 ms Ip = 47044 (72%)

Model:LED FILAMENT VINTAGE A60/8W
Tester:Petya Marinova
Temperature:25.3Deg
Manufacturer:ELMARKNumber:99LED773
Date:2018-03-27 15:22
Humidity:65.0%
Remarks:017A045_4393

Spectrum Test Report**Color Parameters:**Chromaticity Coordinate: $x=0.4628$ $y=0.4170$ $u'=0.2615$ $v'=0.5302$

CCT=2709K(Duv=0.0021) Dominant WL:Ld =583.5nm Purity=64.1%

Ratio:R=24.6% G=73.4% B=2.0%;;Peak WL:Lp=605.8nm FWHM=119.4nm

Render Index:Ra=80.0

R1 =78 R2 =90 R3 =97 R4 =76 R5 =77 R6 =87 R7 =81

R8 =55 R9 =0 R10=76 R11=73 R12=64 R13=80 R14=99 R15=70

Photo Parameters:

Flux = 899.7 lm Eff. : 135.84 lm/W Fe = 2.744 W

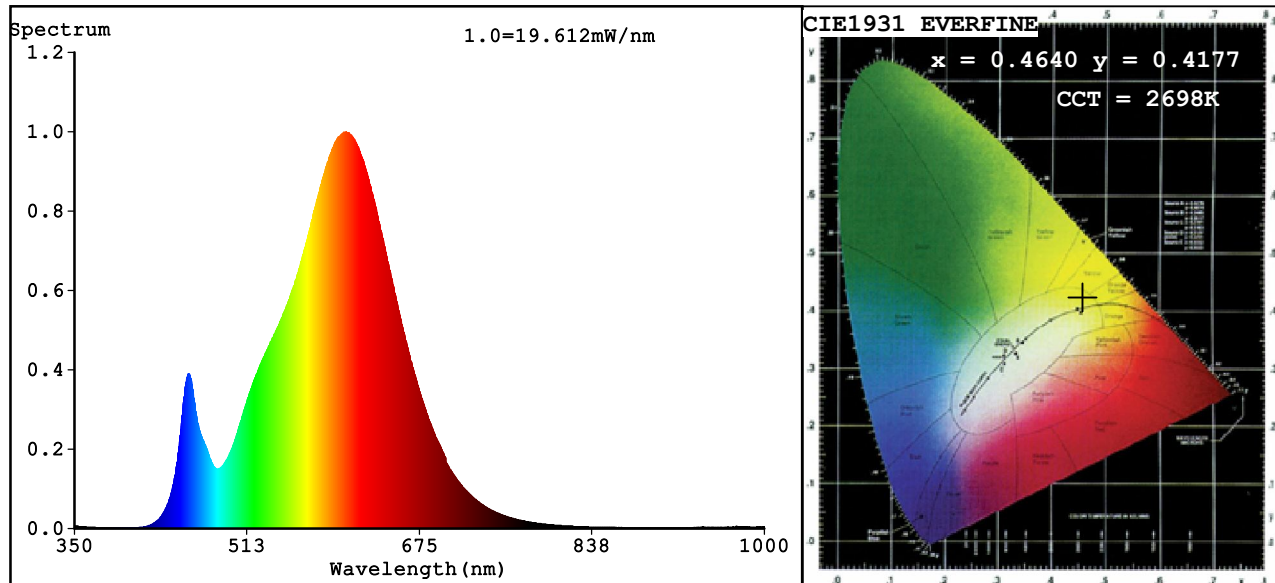
Electrical parameters:

V = 229.93 V I = 0.05298 A P = 6.623 W PF = 0.5437

WHITE:ANSI_2700K

Status: Integral T = 49 ms Ip = 48168 (73%)

Model:LED FILAMENT VINTAGE A60/8W
Tester:Petya Marinova
Temperature:25.3Deg
Manufacturer:ELMARKNumber:99LED773
Date:2018-03-27 15:24
Humidity:65.0%
Remarks:017A045_4393

Spectrum Test Report**Color Parameters:**Chromaticity Coordinate: $x=0.4640$ $y=0.4177$ $u'=0.2620$ $v'=0.5306$

CCT=2698K(Duv=0.0022) Dominant WL:Ld =583.5nm Purity=64.7%

Ratio:R=24.7% G=73.3% B=2.0%;;Peak WL:Lp=606.1nm FWHM=119.6nm

Render Index:Ra=80.1

R1 =78 R2 =90 R3 =97 R4 =76 R5 =77 R6 =87 R7 =81

R8 =55 R9 =1 R10=76 R11=73 R12=64 R13=80 R14=99 R15=70

Photo Parameters:

Flux = 903.9 lm Eff. : 135.97 lm/W Fe = 2.765 W

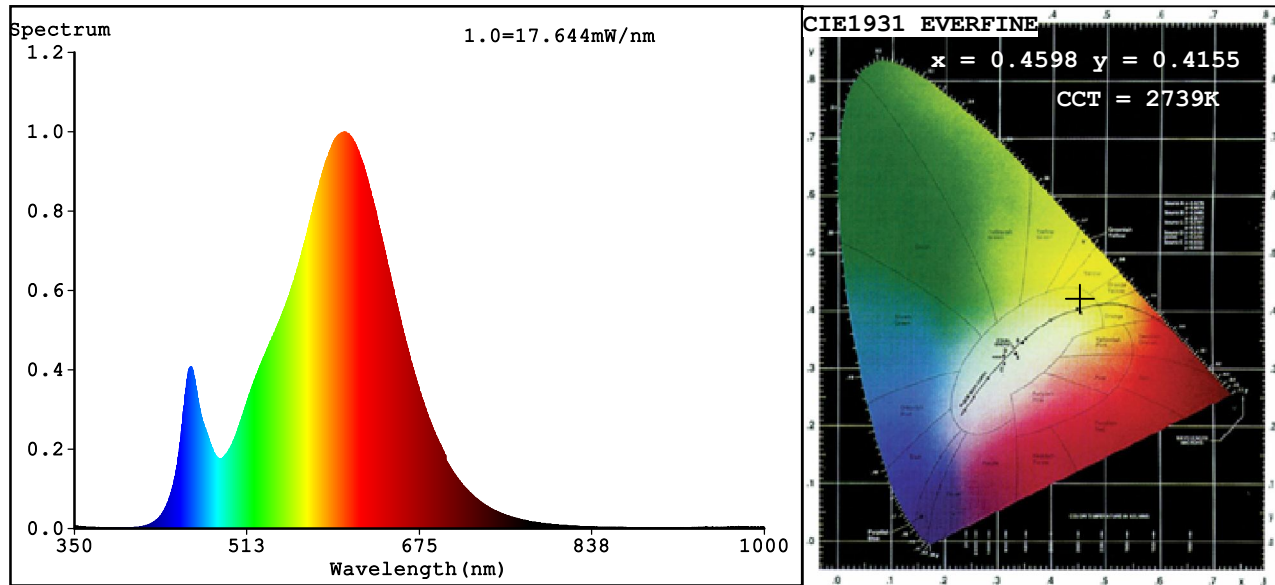
Electrical parameters:

V = 229.92 V I = 0.05331 A P = 6.648 W PF = 0.5423

WHITE:ANSI_2700K

Status: Integral T = 49 ms Ip = 48420 (74%)

Model:LED FILAMENT VINTAGE A60/8W
Tester:Petya Marinova
Temperature:25.3Deg
Manufacturer:ELMARKNumber:99LED773
Date:2018-03-27 15:26
Humidity:65.0%
Remarks:017A045_4393

Spectrum Test Report**Color Parameters:**

Chromaticity Coordinate: $x=0.4598$ $y=0.4155$ $u'=0.2603$ $v'=0.5292$

$CCT=2739K$ (Duv=0.0018) Dominant WL:Ld =583.4nm Purity=62.7%

Ratio:R=24.3% G=73.5% B=2.2%;;Peak WL:Lp=604.1nm FWHM=120.0nm

Render Index:Ra=79.6

R1 =78 R2 =90 R3 =96 R4 =75 R5 =77 R6 =87 R7 =81

R8 =54 R9 =0 R10=77 R11=71 R12=65 R13=80 R14=98 R15=70

Photo Parameters:

Flux = 822.3 lm Eff. : 128.15 lm/W Fe = 2.526 W

Electrical parameters:

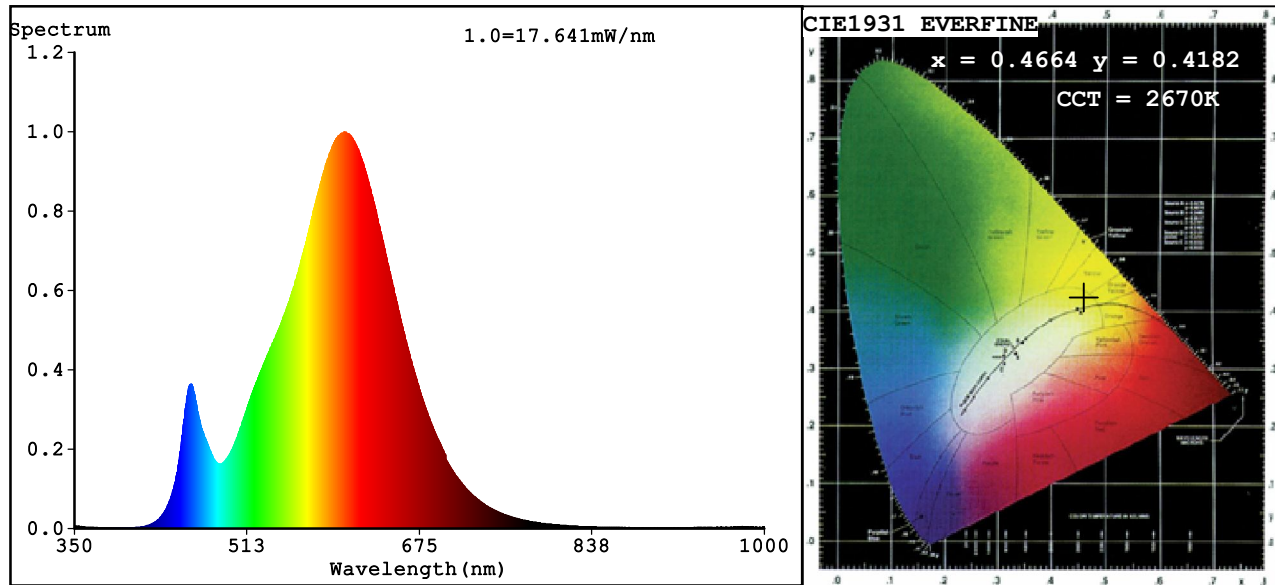
V = 229.92 V I = 0.05176 A P = 6.416 W PF = 0.5391

WHITE:ANSI_2700K

Status: Integral T = 49 ms Ip = 43613 (67%)

Model:LED FILAMENT VINTAGE A60/8W
Tester:Petya Marinova
Temperature:25.3Deg
Manufacturer:ELMARK

Number:99LED773
Date:2018-03-27 15:31
Humidity:65.0%
Remarks:017A045_4393

Spectrum Test Report**Color Parameters:**Chromaticity Coordinate: $x=0.4664$ $y=0.4182$ $u'=0.2633$ $v'=0.5312$

CCT=2670K(Duv=0.0023) Dominant WL:Ld =583.7nm Purity=65.5%

Ratio:R=24.7% G=73.2% B=2.1%;;Peak WL:Lp=604.1nm FWHM=118.0nm

Render Index:Ra=79.1

R1 =77 R2 =90 R3 =96 R4 =74 R5 =76 R6 =87 R7 =80

R8 =53 R9 =0 R10=76 R11=70 R12=64 R13=80 R14=99 R15=69

Photo Parameters:

Flux = 808.5 lm Eff. : 124.39 lm/W Fe = 2.484 W

Electrical parameters:

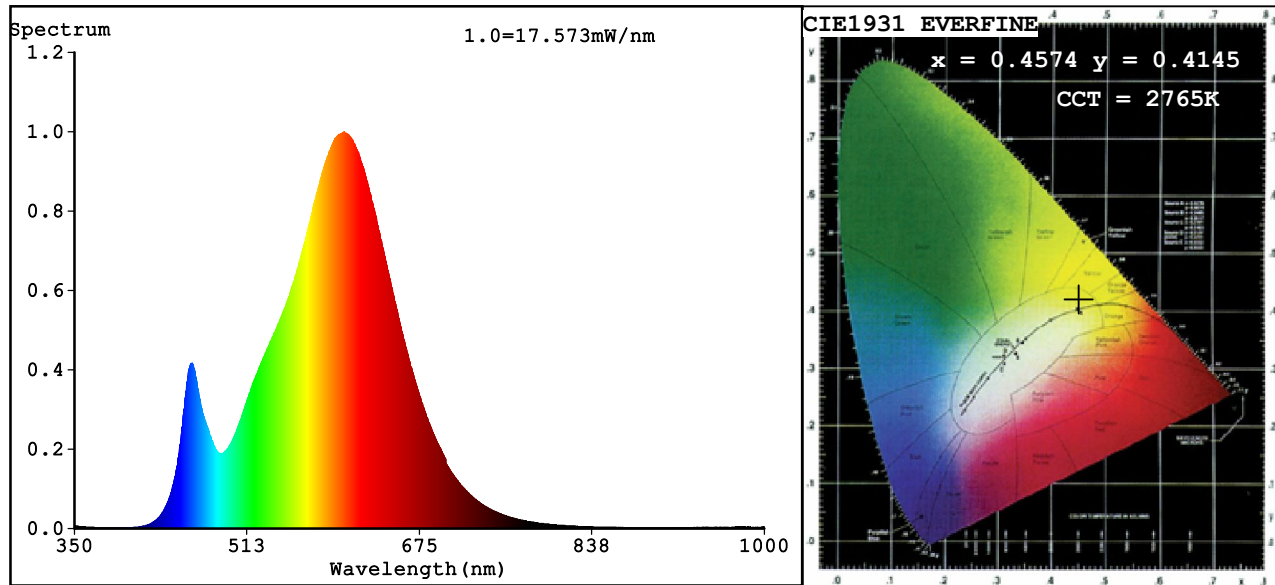
V = 229.94 V I = 0.05236 A P = 6.500 W PF = 0.5399

WHITE:ANSI_2700K

Status: Integral T = 49 ms Ip = 43604 (67%)

Model:LED FILAMENT VINTAGE A60/8W
Tester:Petya Marinova
Temperature:25.3Deg
Manufacturer:ELMARKNumber:99LED773
Date:2018-03-27 15:36
Humidity:65.0%
Remarks:017A045_4393

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.4574$ $y=0.4145$ $u'=0.2592$ $v'=0.5285$

CCT=2765K(Duv=0.0017) Dominant WL:Ld =583.4nm Purity=61.7%

Ratio:R=24.1% G=73.6% B=2.4%;;Peak WL:Lp=604.1nm FWHM=118.7nm

Render Index:Ra=79.5

R1 =78 R2 =90 R3 =95 R4 =74 R5 =77 R6 =88 R7 =80

R8 =53 R9 =0 R10=78 R11=71 R12=66 R13=81 R14=98 R15=70

Photo Parameters:

Flux = 818.6 lm Eff. : 126.42 lm/W Fe = 2.503 W

Electrical parameters:

V = 229.94 V I = 0.05227 A P = 6.475 W PF = 0.5388

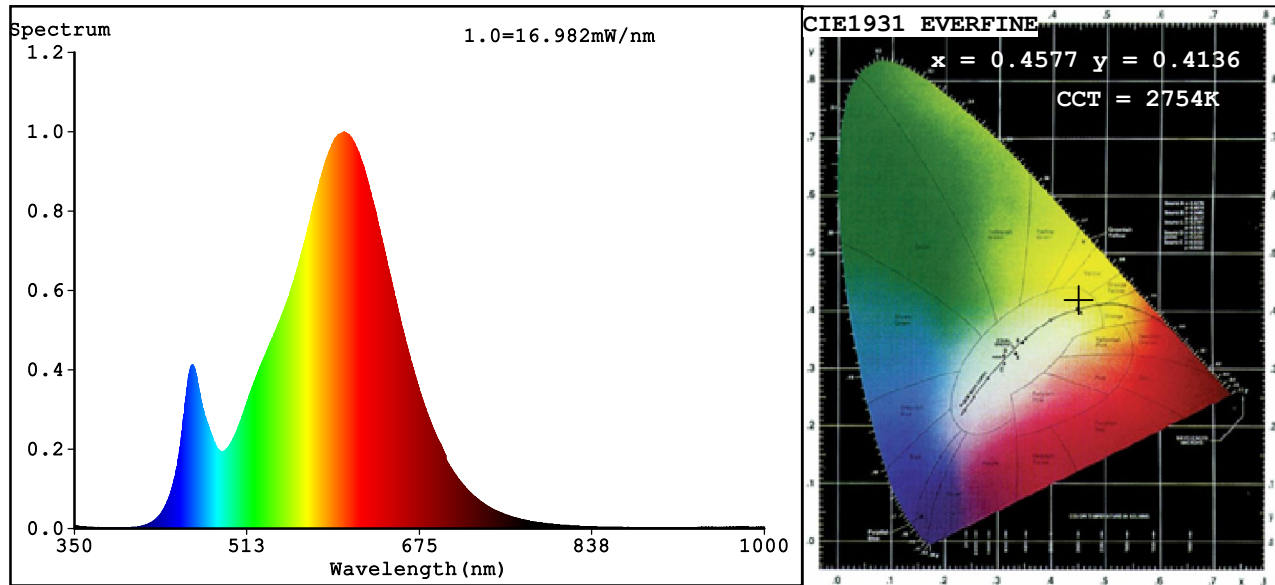
WHITE:ANSI_2700K

Status: Integral T = 49 ms Ip = 43416 (66%)

Model:LED FILAMENT VINTAGE A60/8W
Tester:Petya Marinova
Temperature:25.3Deg
Manufacturer:ELMARK

Number:99LED773
Date:2018-03-27 15:52
Humidity:65.0%
Remarks:017A045_4393

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.4577$ $y=0.4136$ $u'=0.2598$ $v'=0.5282$

CCT=2754K(Duv=0.0013) Dominant WL:Ld =583.5nm Purity=61.6%

Ratio:R=24.2% G=73.4% B=2.4%;;Peak WL:Lp=604.1nm FWHM=119.6nm

Render Index:Ra=79.7

R1 =78 R2 =91 R3 =95 R4 =74 R5 =77 R6 =89 R7 =80

R8 =54 R9 =0 R10=78 R11=71 R12=67 R13=81 R14=98 R15=70

Photo Parameters:

Flux = 791.7 lm Eff. : 121.33 lm/W Fe = 2.443 W

Electrical parameters:

V = 229.92 V I = 0.05286 A P = 6.525 W PF = 0.5369

WHITE:ANSI_2700K

Status: Integral T = 49 ms Ip = 41942 (64%)

Model:LED FILAMENT VINTAGE A60/8W
Tester:Petya Marinova
Temperature:25.3Deg
Manufacturer:ELMARK

Number:99LED773
Date:2018-03-27 16:01
Humidity:65.0%
Remarks:017A045_4393