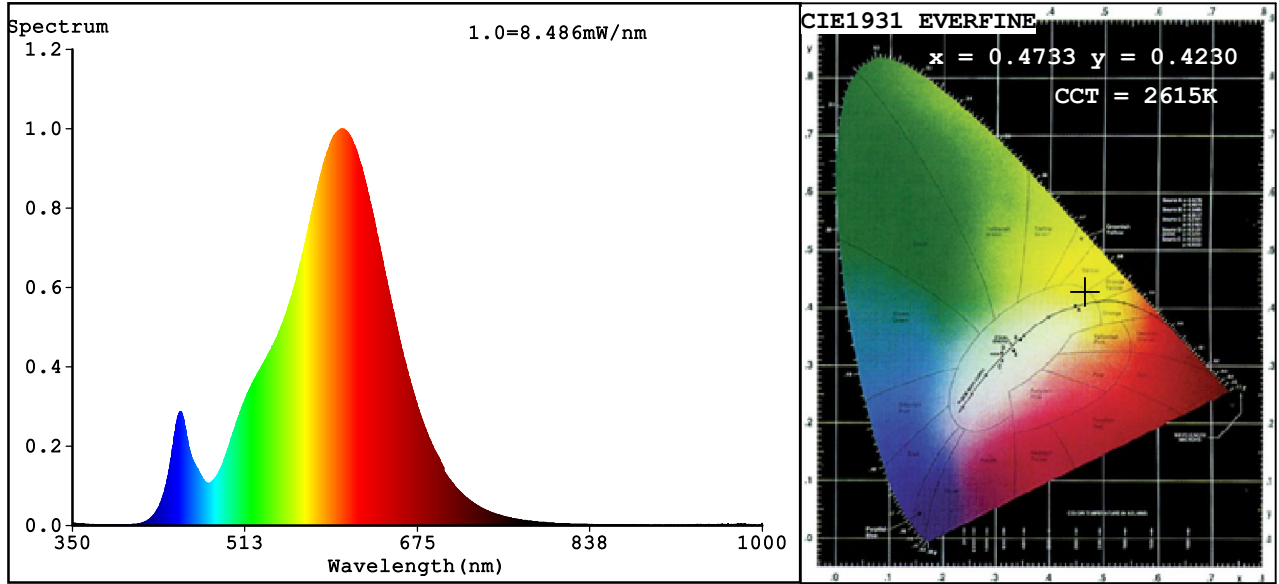


Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.4733$ $y=0.4230$ / $u'=0.2655$ $v'=0.5340$
 CCT=2615K (Duv=0.0034) Dominant WL:Ld =583.6nm Purity=69.0%
 Ratio:R=25.0% G=73.3% B=1.7%;; Peak WL:Lp=604.1nm FWHM=108.9nm
 Render Index:Ra=77.7
 R1 =75 R2 =87 R3 =97 R4 =75 R5 =74 R6 =85 R7 =80
 R8 =49 R9 =0 R10=72 R11=72 R12=64 R13=77 R14=99 R15=66

Photo Parameters:

Flux = 378.4 lm Eff. : 94.97 lm/W Fe = 1.121 W

Electrical parameters:

V = 229.86 V I = 0.03414 A P = 3.984 W PF = 0.5077

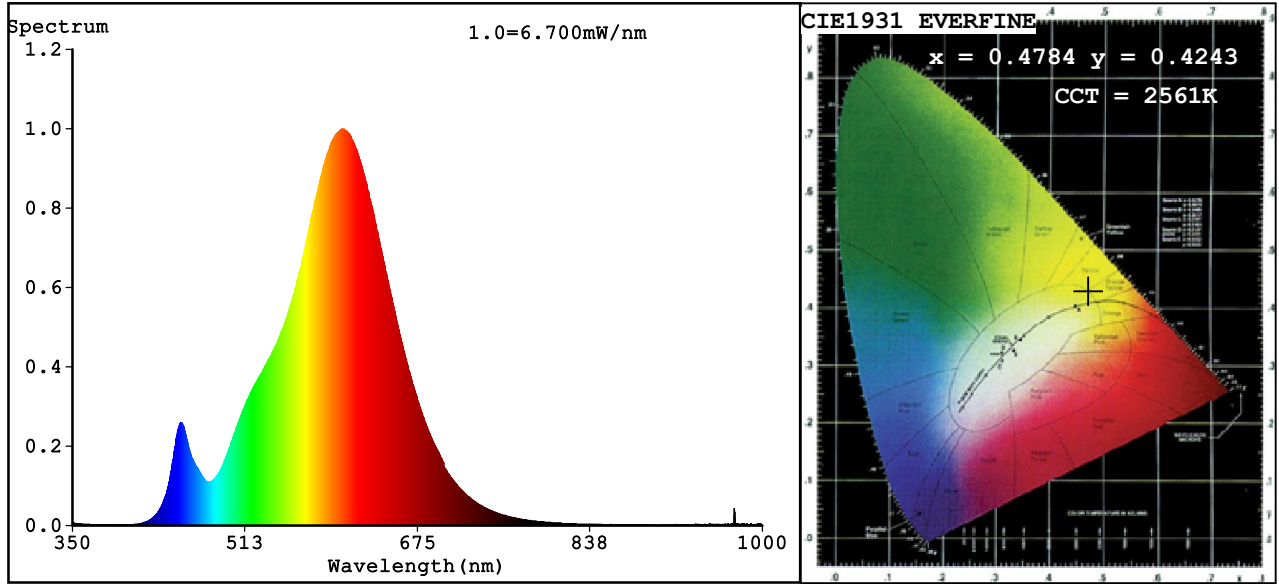
WHITE:ANSI_2700K

Status: Integral T = 78 ms Ip = 33421 (51%)

Model:LED FILAMENT VINTAGE C35/4W
 Tester:Petya Marinova
 Temperature:25.3Deg
 Manufacturer:ELMARK

Number:99LED772
 Date:2018-03-27 09:25
 Humidity:65.0%
 Remarks:017A045_4393

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.4784$ $y=0.4243$ $u'=0.2682$ $v'=0.5352$
 CCT=2561K(Duv=0.0036) Dominant WL:Ld =583.9nm Purity=71.0%
 Ratio:R=25.4% G=72.9% B=1.7%;; Peak WL:Lp=604.1nm FWHM=108.4nm
 Render Index:Ra=77.7
 R1 =75 R2 =88 R3 =96 R4 =74 R5 =74 R6 =85 R7 =80
 R8 =49 R9 =0 R10=73 R11=72 R12=65 R13=77 R14=99 R15=66

Photo Parameters:

Flux = 294.7 lm Eff. : 76.06 lm/W Fe = 882.9 mW

Electrical parameters:

V = 229.89 V I = 0.03337 A P = 3.874 W PF = 0.5050

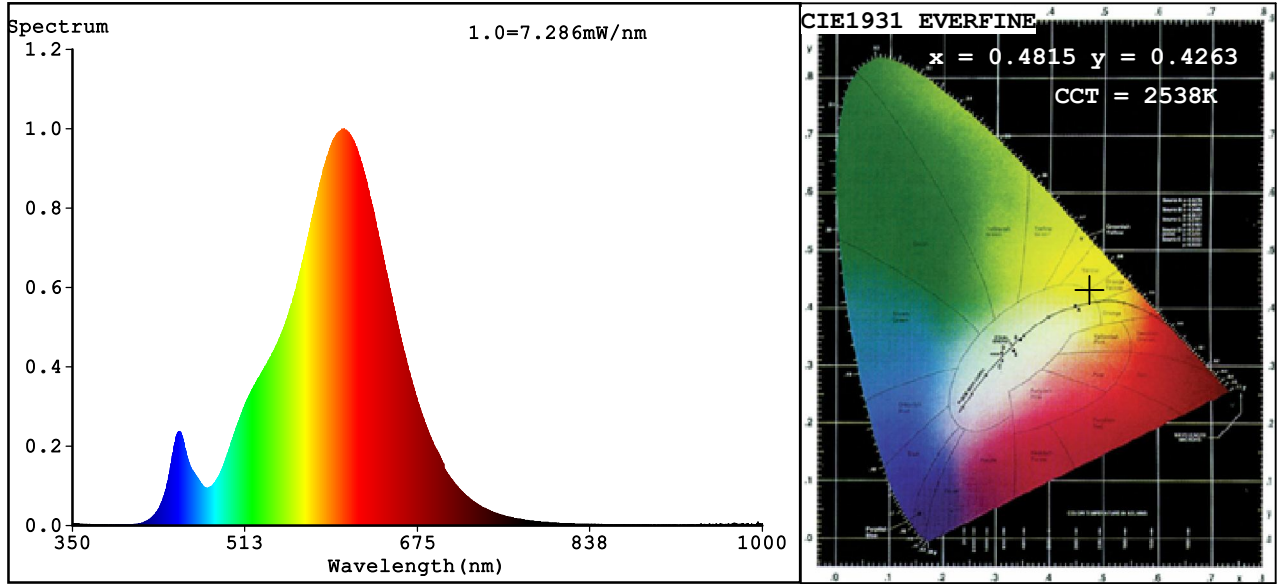
WHITE:OUT

Status: Integral T = 132 ms Ip = 44595 (68%)

Model:LED FILAMENT VINTAGE C35/4W
 Tester:Petya Marinova
 Temperature:25.3Deg
 Manufacturer:ELMARK

Number:99LED772
 Date:2018-03-27 09:38
 Humidity:65.0%
 Remarks:017A045_4393

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.4815$ $y=0.4263$ $u'=0.2693$ $v'=0.5364$

CCT=2538K(Duv=0.0041) Dominant WL:Ld =583.9nm Purity=72.5%

Ratio:R=25.7% G=72.8% B=1.5%;;Peak WL:Lp=605.8nm FWHM=107.7nm

Render Index:Ra=77.9

R1 =75 R2 =87 R3 =97 R4 =75 R5 =74 R6 =85 R7 =80

R8 =49 R9 =0 R10=72 R11=73 R12=65 R13=77 R14=99 R15=66

Photo Parameters:

Flux = 318.2 lm Eff. : 81.32 lm/W Fe = 950.2 mW

Electrical parameters:

V = 229.89 V I = 0.03345 A P = 3.913 W PF = 0.5089

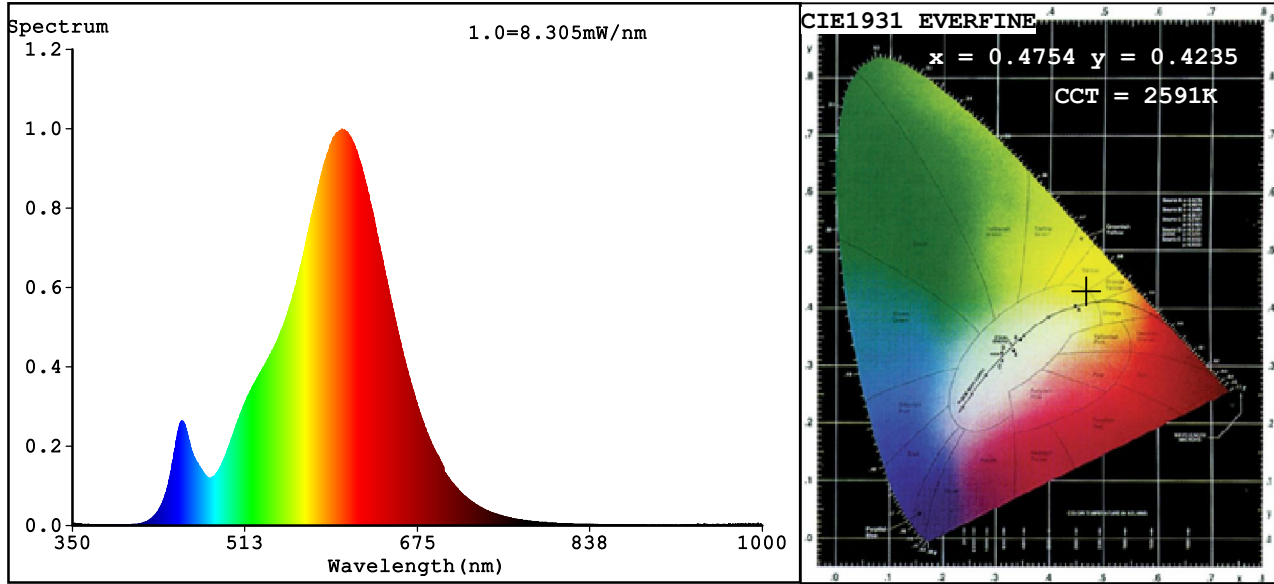
WHITE:OUT

Status: Integral T = 132 ms Ip = 48448 (74%)

Model:LED FILAMENT VINTAGE C35/4W
Tester:Petya Marinova
Temperature:25.3Deg
Manufacturer:ELMARK

Number:99LED772
Date:2018-03-27 09:39
Humidity:65.0%
Remarks:017A045_4393

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.4754$ $y=0.4235$ $u'=0.2667$ $v'=0.5345$
 CCT=2591K(Duv=0.0035) Dominant WL:Ld =583.7nm Purity=69.8%
 Ratio:R=25.2% G=73.0% B=1.7%;;Peak WL:Lp=604.1nm FWHM=107.7nm
 Render Index:Ra=77.8
 R1 =75 R2 =88 R3 =96 R4 =74 R5 =75 R6 =86 R7 =80
 R8 =49 R9 =0 R10=74 R11=72 R12=65 R13=78 R14=98 R15=66

Photo Parameters:

Flux = 366.6 lm Eff. : 94.23 lm/W Fe = 1.090 W

Electrical parameters:

V = 229.87 V I = 0.03353 A P = 3.890 W PF = 0.5047

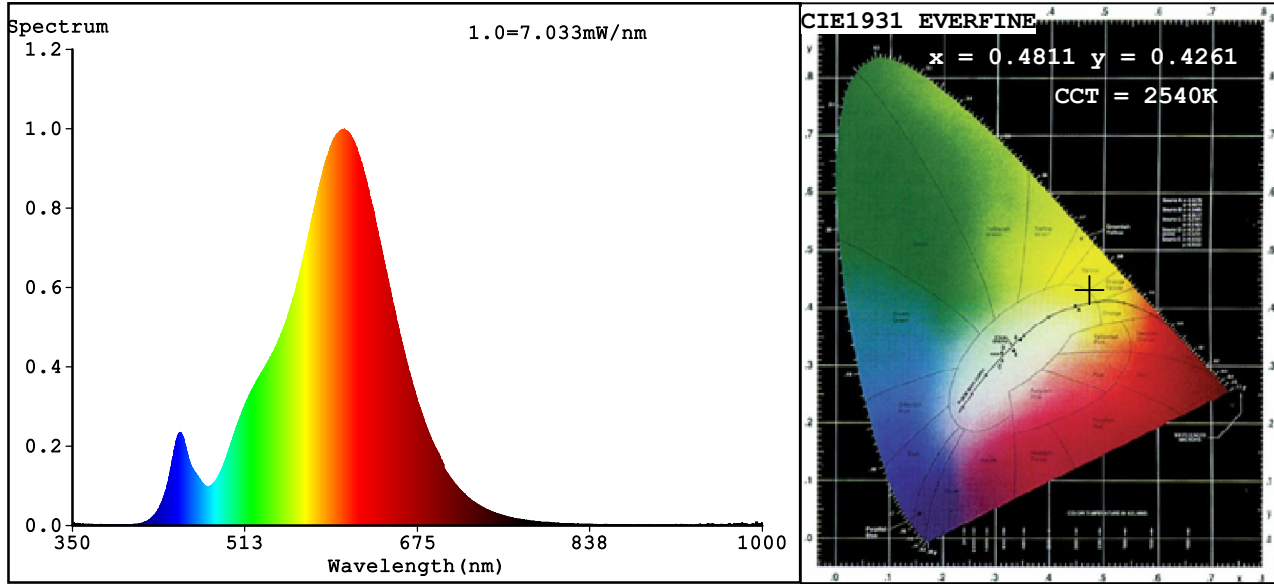
WHITE:ANSI_2700K

Status: Integral T = 109 ms Ip = 45608 (70%)

Model:LED FILAMENT VINTAGE C35/4W
 Tester:Petya Marinova
 Temperature:25.3Deg
 Manufacturer:ELMARK

Number:99LED772
 Date:2018-03-27 09:41
 Humidity:65.0%
 Remarks:017A045_4393

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.4811$ $y=0.4261$ $u'=0.2691$ $v'=0.5363$
 CCT=2540K(Duv=0.0040) Dominant WL:Ld =583.9nm Purity=72.3%
 Ratio:R=25.7% G=72.8% B=1.6%;;Peak WL:Lp=606.1nm FWHM=107.7nm
 Render Index:Ra=77.9
 R1 =75 R2 =88 R3 =97 R4 =75 R5 =74 R6 =85 R7 =80
 R8 =50 R9 =0 R10=73 R11=73 R12=65 R13=77 R14=99 R15=66

Photo Parameters:

Flux = 307.5 lm Eff. : 78.03 lm/W Fe = 919.0 mW

Electrical parameters:

V = 229.95 V I = 0.03401 A P = 3.942 W PF = 0.5040

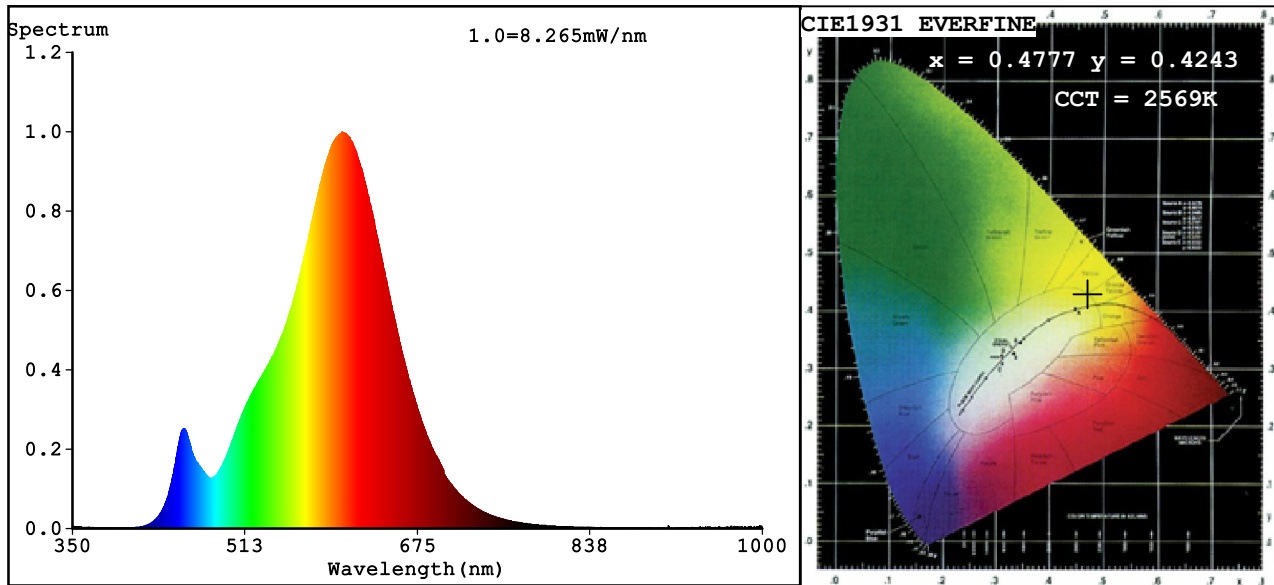
WHITE:OUT

Status: Integral T = 109 ms Ip = 38627 (59%)

Model:LED FILAMENT VINTAGE C35/4W
 Tester:Petya Marinova
 Temperature:25.3Deg
 Manufacturer:ELMARK

Number:99LED772
 Date:2018-03-27 10:41
 Humidity:65.0%
 Remarks:017A045_4393

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.4777$ $y=0.4243$ $u'=0.2678$ $v'=0.5351$

CCT=2569K(Duv=0.0036) Dominant WL:Ld =583.8nm Purity=70.8%

Ratio:R=25.5% G=72.8% B=1.8%;;Peak WL:Lp=604.1nm FWHM=106.7nm

Render Index:Ra=77.9

R1 =75 R2 =88 R3 =96 R4 =74 R5 =75 R6 =87 R7 =79

R8 =49 R9 =0 R10=75 R11=72 R12=66 R13=78 R14=98 R15=66

Photo Parameters:

Flux = 362.1 lm Eff. : 93.56 lm/W Fe = 1.079 W

Electrical parameters:

V = 229.98 V I = 0.03324 A P = 3.870 W PF = 0.5062

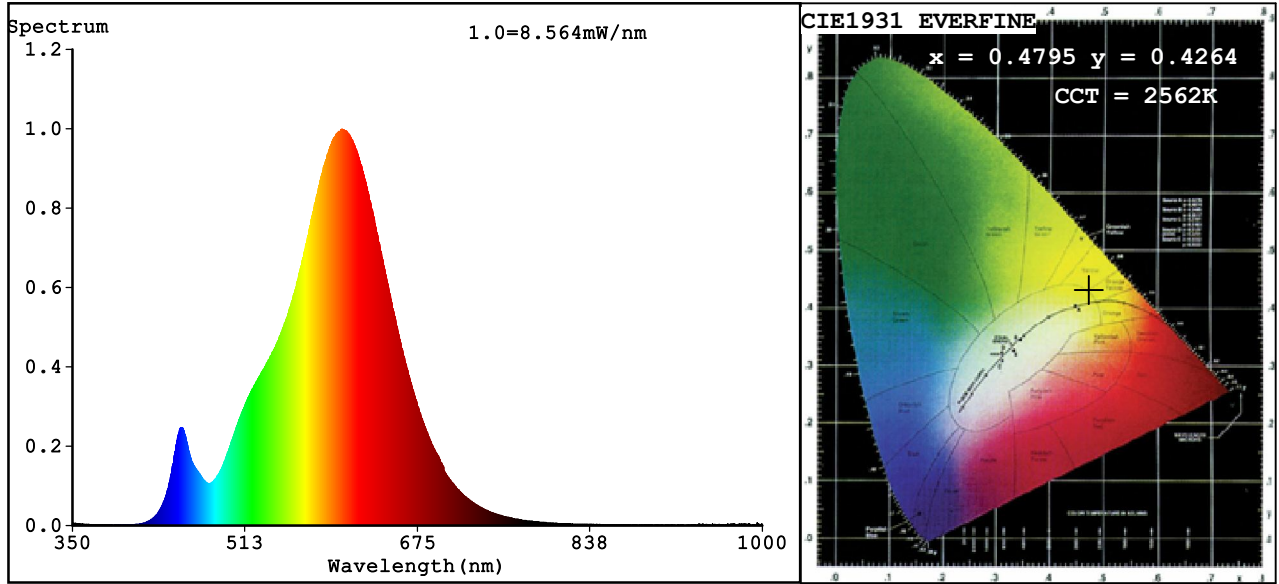
WHITE:OUT

Status: Integral T = 109 ms Ip = 45353 (69%)

Model:LED FILAMENT VINTAGE C35/4W
Tester:Petya Marinova
Temperature:25.3Deg
Manufacturer:ELMARK

Number:99LED772
Date:2018-03-27 10:44
Humidity:65.0%
Remarks:017A045_4393

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.4795$ $y=0.4264$ $u'=0.2680$ $v'=0.5361$
CCT=2562K(Duv=0.0042) Dominant WL:Ld =583.7nm Purity=72.0%
Ratio:R=25.4% G=73.0% B=1.6%;;Peak WL:Lp=604.1nm FWHM=107.3nm
Render Index:Ra=77.4
R1 =74 R2 =87 R3 =97 R4 =74 R5 =74 R6 =85 R7 =80
R8 =49 R9 =0 R10=72 R11=72 R12=64 R13=77 R14=99 R15=65

Photo Parameters:

Flux = 375.7 lm Eff. : 95.65 lm/W Fe = 1.113 W

Electrical parameters:

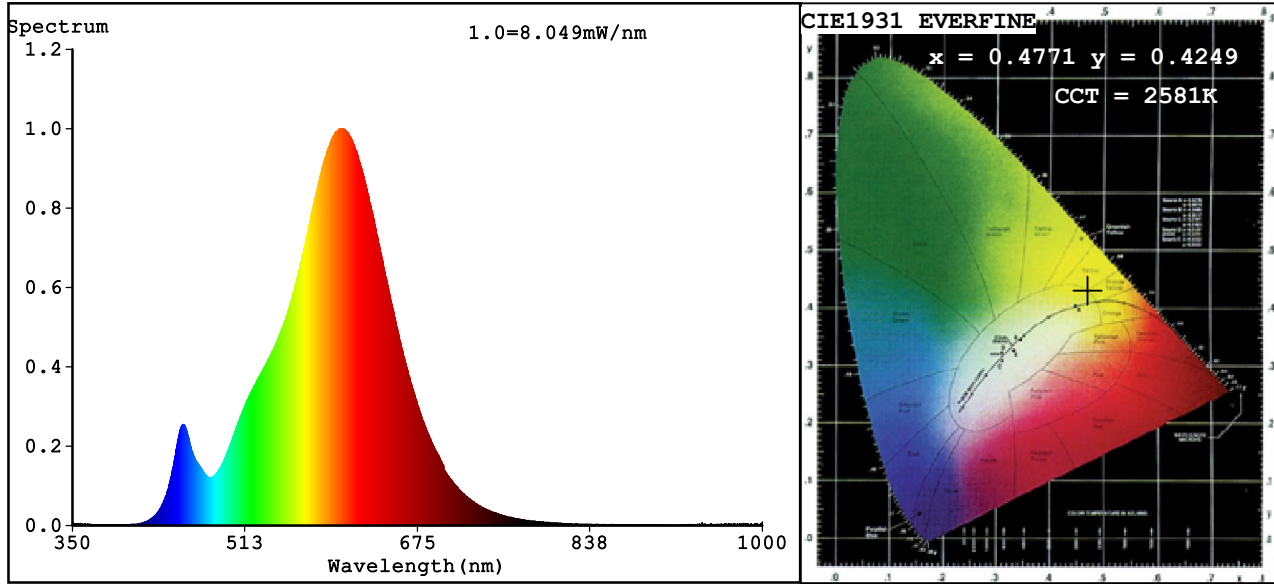
V = 229.98 V I = 0.03377 A P = 3.928 W PF = 0.5057

WHITE:OUT

Status: Integral T = 109 ms Ip = 47007 (72%)

Model:LED FILAMENT VINTAGE C35/4W	Number:99LED772
Tester:Petya Marinova	Date:2018-03-27 10:45
Temperature:25.3Deg	Humidity:65.0%
Manufacturer:ELMARK	Remarks:017A045_4393

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.4771$ $y=0.4249$ / $u'=0.2671$ $v'=0.5352$
 CCT=2581K(Duv=0.0039) Dominant WL:Ld =583.7nm Purity=70.7%
 Ratio:R=25.2% G=73.1% B=1.7%;; Peak WL:Lp=603.8nm FWHM=107.9nm
 Render Index:Ra=77.1
 R1 =74 R2 =88 R3 =96 R4 =73 R5 =73 R6 =85 R7 =79
 R8 =48 R9 =0 R10=73 R11=70 R12=64 R13=77 R14=98 R15=65

Photo Parameters:

Flux = 356.1 lm Eff. : 90.70 lm/W Fe = 1.058 W

Electrical parameters:

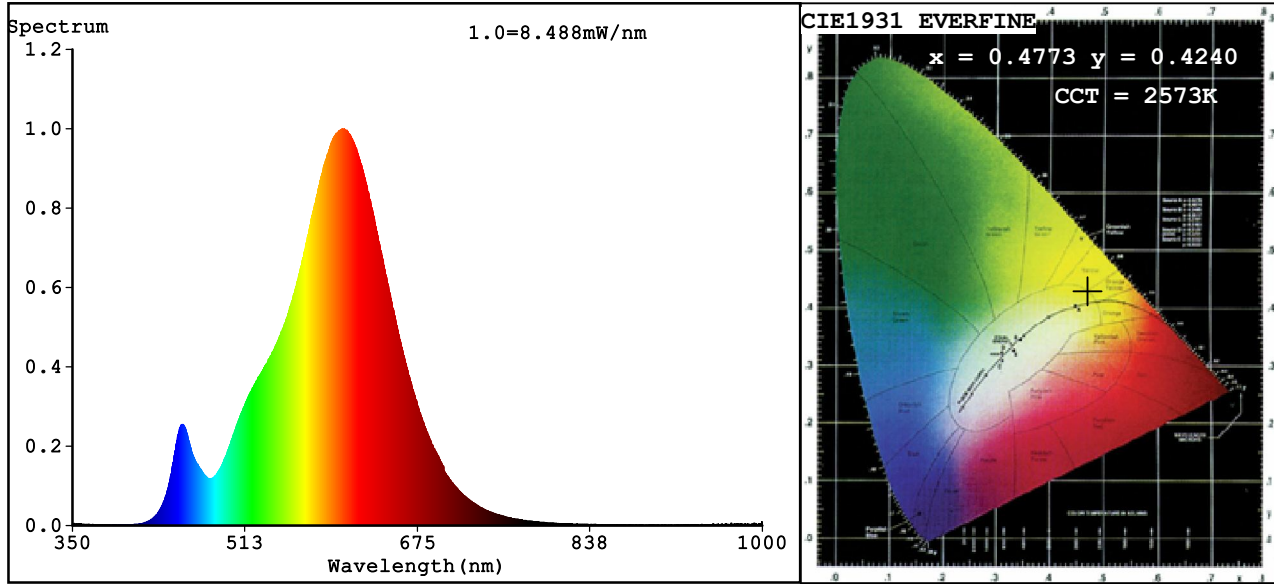
V = 229.98 V I = 0.03396 A P = 3.926 W PF = 0.5027

WHITE:ANSI_2700K

Status: Integral T = 109 ms Ip = 44343 (68%)

Model:LED FILAMENT VINTAGE C35/4W	Number:99LED772
Tester:Petya Marinova	Date:2018-03-27 10:46
Temperature:25.3Deg	Humidity:65.0%
Manufacturer:ELMARK	Remarks:017A045_4393

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.4773$ $y=0.4240$ / $u'=0.2676$ $v'=0.5350$
 CCT=2573K (Duv=0.0036) Dominant WL:Ld =583.8nm Purity=70.6%
 Ratio:R=25.4% G=72.9% B=1.7% ; Peak WL:Lp=606.1nm FWHM=107.1nm
 Render Index:Ra=77.8
 R1 =75 R2 =88 R3 =96 R4 =74 R5 =75 R6 =86 R7 =79
 R8 =49 R9 =0 R10=74 R11=72 R12=65 R13=78 R14=98 R15=66

Photo Parameters:

Flux = 373.3 lm Eff. : 94.62 lm/W Fe = 1.111 W

Electrical parameters:

V = 229.99 V I = 0.03394 A P = 3.945 W PF = 0.5054

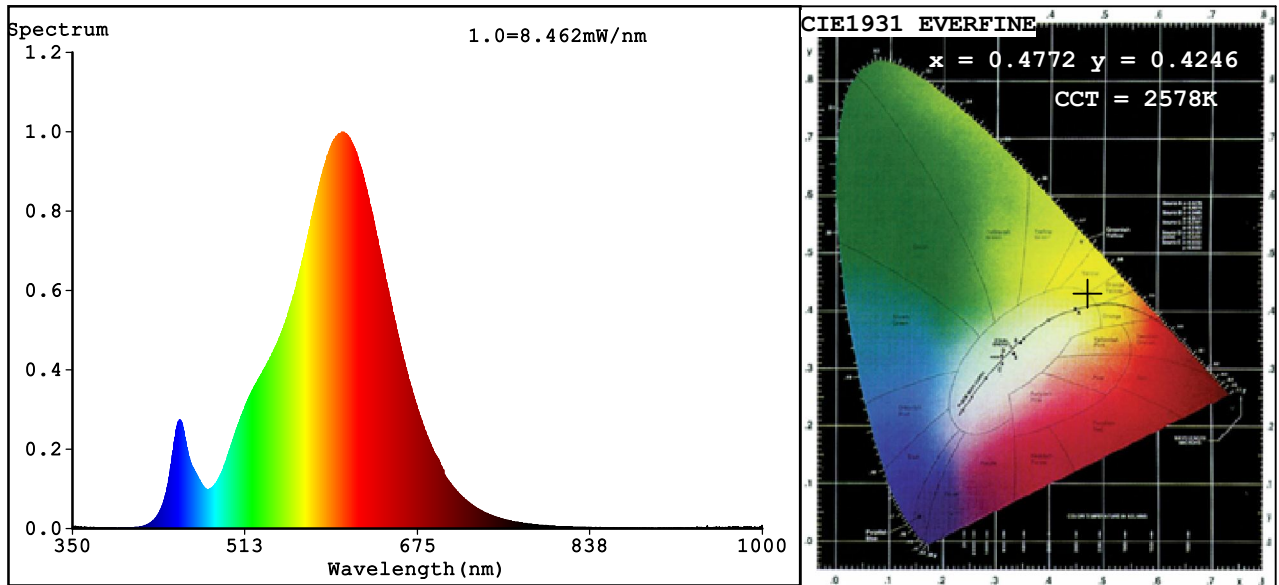
WHITE:OUT

Status: Integral T = 109 ms Ip = 46688 (71%)

Model:LED FILAMENT VINTAGE C35/4W
 Tester:Petya Marinova
 Temperature:25.3Deg
 Manufacturer:ELMARK

Number:99LED772
 Date:2018-03-27 10:47
 Humidity:65.0%
 Remarks:017A045_4393

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.4772$ $y=0.4246$ $u'=0.2673$ $v'=0.5352$
 CCT=2578K(Duv=0.0038) Dominant WL:Ld =583.7nm Purity=70.7%
 Ratio:R=25.2% G=73.2% B=1.6%;;Peak WL:Lp=604.1nm FWHM=107.7nm
 Render Index:Ra=77.3
 R1 =74 R2 =87 R3 =97 R4 =74 R5 =74 R6 =85 R7 =80
 R8 =49 R9 =0 R10=72 R11=72 R12=63 R13=77 R14=99 R15=65

Photo Parameters:

Flux = 373.4 lm Eff. : 94.76 lm/W Fe = 1.106 W

Electrical parameters:

V = 229.99 V I = 0.03375 A P = 3.940 W PF = 0.5077

WHITE:OUT

Status: Integral T = 109 ms Ip = 46552 (71%)

Model:LED FILAMENT VINTAGE C35/4W
 Tester:Petya Marinova
 Temperature:25.3Deg
 Manufacturer:ELMARK

Number:99LED772
 Date:2018-03-27 10:49
 Humidity:65.0%
 Remarks:017A045_4393