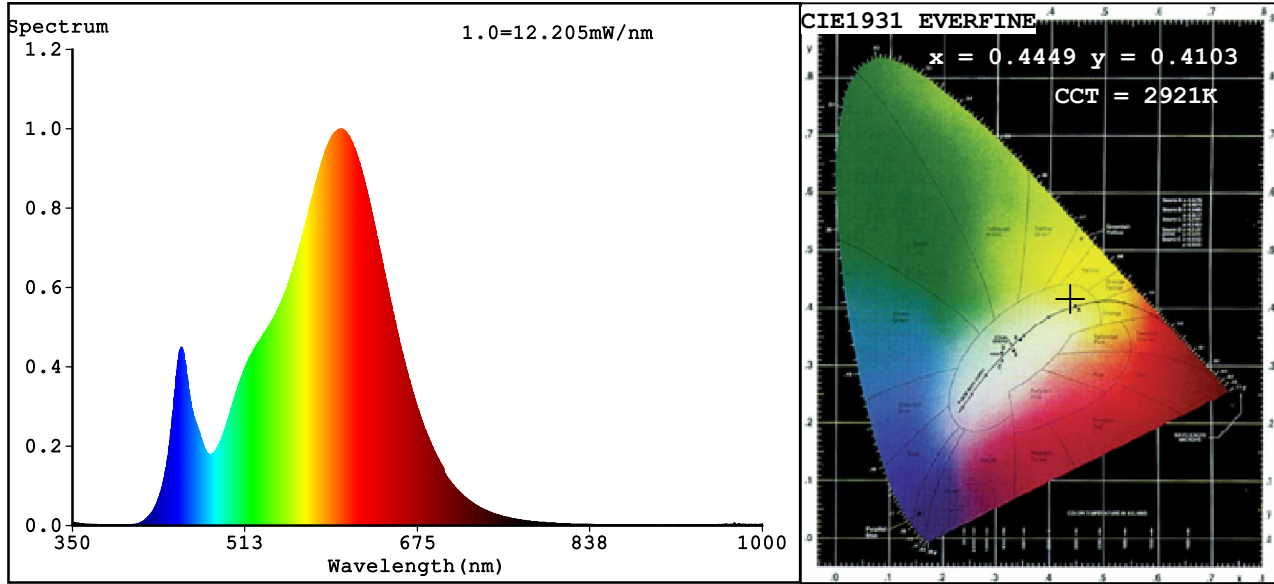


**Spectrum Test Report**



**Color Parameters:**

Chromaticity Coordinate:  $x=0.4449$   $y=0.4103$   $u'=0.2530$   $v'=0.5250$   
 CCT=2921K(Duv=0.0014) Dominant WL:Ld =582.7nm Purity=56.7%  
 Ratio:R=23.1% G=74.5% B=2.4%;;Peak WL:Lp=602.1nm FWHM=120.6nm  
 Render Index:Ra=81.0  
 R1 =79      R2 =90      R3 =96      R4 =78      R5 =79      R6 =88      R7 =82  
 R8 =55      R9 =0      R10=78      R11=77      R12=69      R13=82      R14=98      R15=71

**Photo Parameters:**

Flux = 584.4 lm    Eff. : 101.58 lm/W    Fe = 1.751 W

**Electrical parameters:**

V = 229.88 V      I = 0.04300 A      P = 5.753 W PF = 0.5820

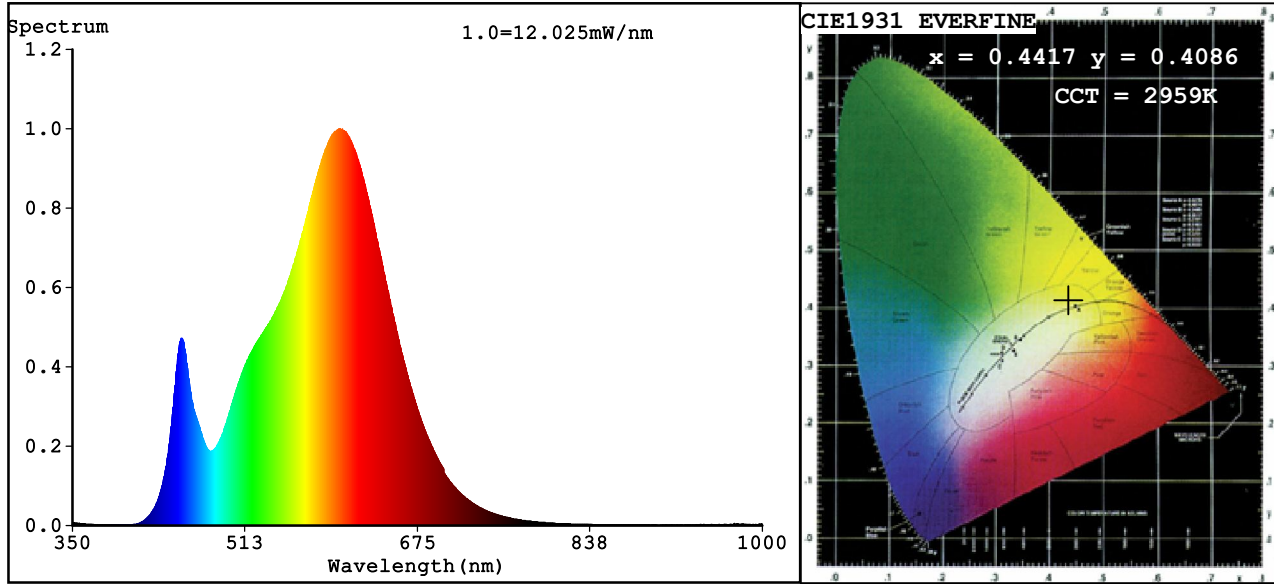
WHITE:ANSI\_3000K

Status: Integral T = 72 ms    Ip = 45265 (69%)

Model:LED FLAME/6W  
 Tester:Petya Marinova  
 Temperature:25.3Deg  
 Manufacturer:ELMARK

Number:99LED754  
 Date:2017-05-18 13:43  
 Humidity:65.0%  
 Remarks:016057B\_3554

**Spectrum Test Report**



**Color Parameters:**

Chromaticity Coordinate:  $x=0.4417$   $y=0.4086$  /  $u'=0.2517$   $v'=0.5238$   
 CCT=2959K (Duv=0.0012) Dominant WL:Ld =582.6nm Purity=55.2%  
 Ratio:R=22.9% G=74.6% B=2.5%; Peak WL:Lp=602.1nm FWHM=121.9nm  
 Render Index:Ra=81.0  
 R1 =79 R2 =90 R3 =96 R4 =78 R5 =79 R6 =88 R7 =81  
 R8 =55 R9 =0 R10=78 R11=77 R12=69 R13=82 R14=98 R15=71

**Photo Parameters:**

Flux = 579.8 lm Eff. : 100.78 lm/W Fe = 1.736 W

**Electrical parameters:**

V = 229.95 V I = 0.04323 A P = 5.753 W PF = 0.5787

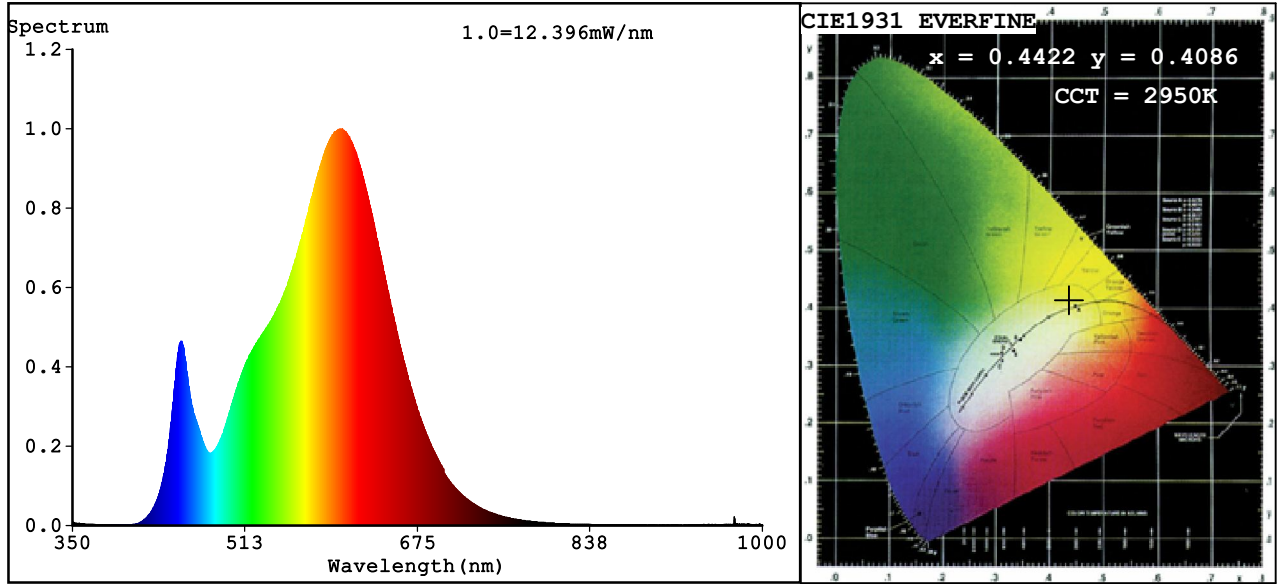
WHITE:ANSI\_3000K

Status: Integral T = 72 ms Ip = 44559 (68%)

Model:LED FLAME/6W  
 Tester:Petya Marinova  
 Temperature:25.3Deg  
 Manufacturer:ELMARK

Number:99LED754  
 Date:2017-05-18 13:47  
 Humidity:65.0%  
 Remarks:016057B\_3554

**Spectrum Test Report**



**Color Parameters:**

Chromaticity Coordinate:  $x=0.4422$   $y=0.4086$   $u'=0.2520$   $v'=0.5239$

CCT=2950K(Duv=0.0011) Dominant WL:Ld =582.7nm Purity=55.4%

Ratio:R=23.0% G=74.6% B=2.5%;;Peak WL:Lp=602.1nm FWHM=121.6nm

Render Index:Ra=81.1

R1 =79 R2 =90 R3 =96 R4 =79 R5 =79 R6 =88 R7 =82

R8 =55 R9 =0 R10=78 R11=78 R12=70 R13=82 R14=98 R15=71

**Photo Parameters:**

Flux = 596.4 lm Eff. : 100.98 lm/W Fe = 1.787 W

**Electrical parameters:**

V = 229.98 V I = 0.04418 A P = 5.906 W PF = 0.5813

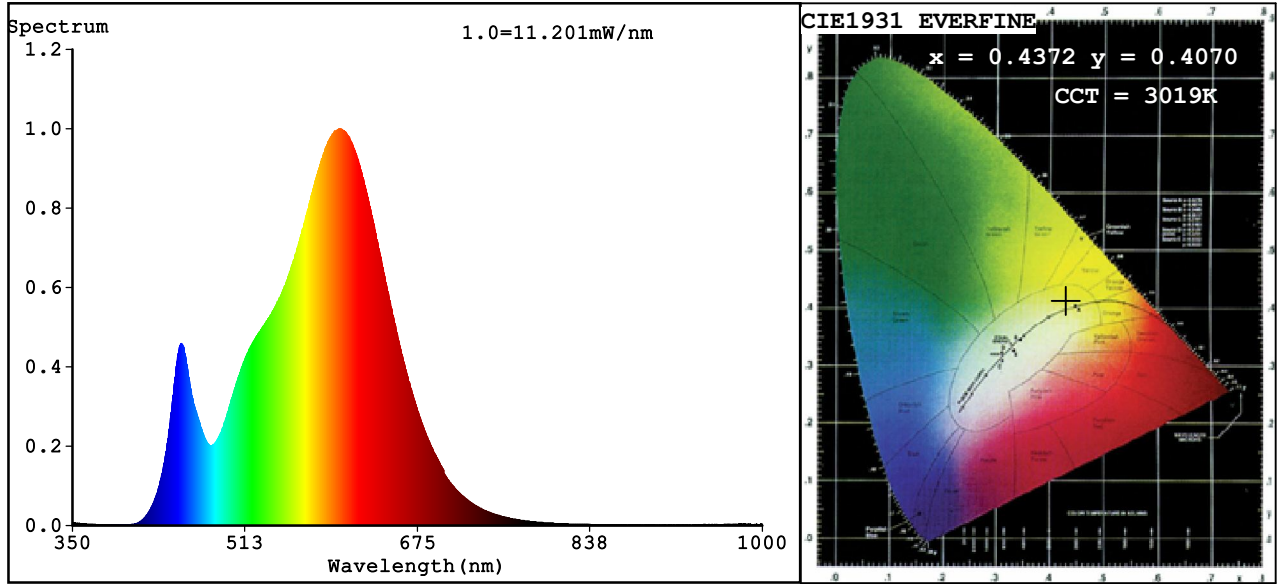
WHITE:ANSI\_3000K

Status: Integral T = 72 ms Ip = 45947 (70%)

Model:LED FLAME/6W  
Tester:Petya Marinova  
Temperature:25.3Deg  
Manufacturer:ELMARK

Number:99LED754  
Date:2017-05-18 13:48  
Humidity:65.0%  
Remarks:016057B\_3554

**Spectrum Test Report**



**Color Parameters:**

Chromaticity Coordinate:  $x=0.4372$   $y=0.4070$   $u'=0.2495$   $v'=0.5225$

CCT=3019K (Duv=0.0011) Dominant WL:Ld =582.3nm Purity=53.4%

Ratio:R=22.6% G=74.9% B=2.6%;; Peak WL:Lp=602.1nm FWHM=125.2nm

Render Index:Ra=81.5

R1 =80	R2 =91	R3 =96	R4 =79	R5 =80	R6 =89	R7 =82	
R8 =56	R9 =1	R10=79	R11=78	R12=71	R13=82	R14=98	R15=71

**Photo Parameters:**

Flux = 547.1 lm Eff. : 89.78 lm/W Fe = 1.639 W

**Electrical parameters:**

V = 229.98 V I = 0.04561 A P = 6.094 W PF = 0.5809

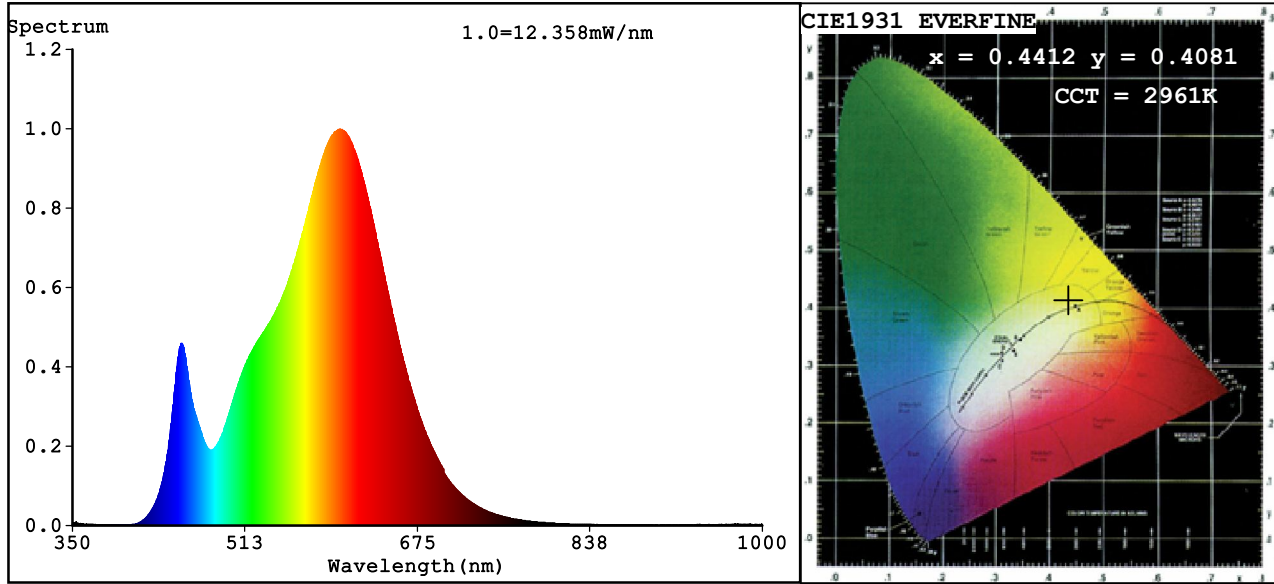
WHITE:ANSI\_3000K

Status: Integral T = 72 ms Ip = 41517 (63%)

Model:LED FLAME/6W  
Tester:Petya Marinova  
Temperature:25.3Deg  
Manufacturer:ELMARK

Number:99LED754  
Date:2017-05-18 13:50  
Humidity:65.0%  
Remarks:016057B\_3554

**Spectrum Test Report**



**Color Parameters:**

Chromaticity Coordinate:  $x=0.4412$   $y=0.4081$  /  $u'=0.2516$   $v'=0.5236$

CCT=2961K (Duv=0.0010) Dominant WL:Ld =582.6nm Purity=54.9%

Ratio:R=22.9% G=74.6% B=2.5%; Peak WL:Lp=602.1nm FWHM=121.6nm

Render Index:Ra=81.0

R1 =79      R2 =90      R3 =96      R4 =78      R5 =79      R6 =88      R7 =81

R8 =55      R9 =0      R10=78      R11=77      R12=70      R13=82      R14=98      R15=71

**Photo Parameters:**

Flux = 595.5 lm    Eff. : 98.49 lm/W    Fe = 1.785 W

**Electrical parameters:**

V = 229.96 V      I = 0.04532 A      P = 6.046 W PF = 0.5802

WHITE:ANSI\_3000K

Status: Integral T = 72 ms    Ip = 45769 (70%)

Model:LED FLAME/6W  
Tester:Petya Marinova  
Temperature:25.3Deg  
Manufacturer:ELMARK

Number:99LED754  
Date:2017-05-18 13:51  
Humidity:65.0%  
Remarks:016057B\_3554