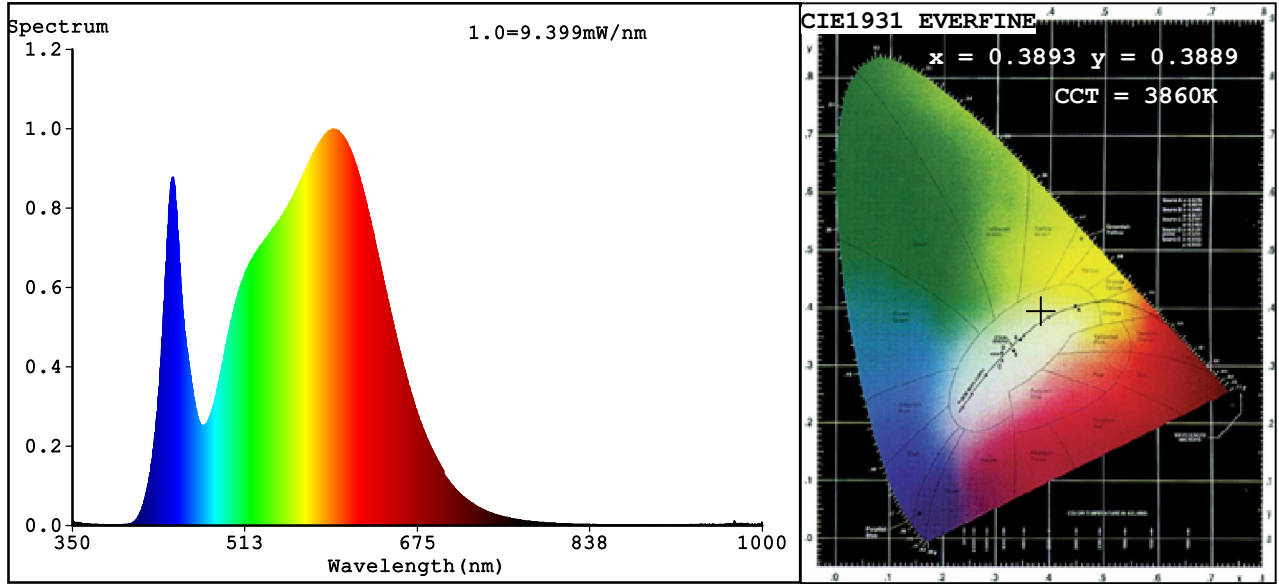


**Spectrum Test Report**



**Color Parameters:**

Chromaticity Coordinate:  $x=0.3893$   $y=0.3889/u'=0.2261$   $v'=0.5081$   
 CCT=3860K(Duv=0.0031) Dominant WL:Ld =578.2nm Purity=33.5%  
 Ratio:R=18.7% G=78.0% B=3.3%;;Peak WL:Lp=595.8nm FWHM=154.9nm  
 Render Index:Ra=83.5  
 R1 =81      R2 =88      R3 =95      R4 =84      R5 =82      R6 =85      R7 =87  
 R8 =65      R9 =9      R10=73      R11=84      R12=70      R13=83      R14=97      R15=74

**Photo Parameters:**

Flux = 541.4 lm    Eff. : 87.15 lm/W    Fe = 1.643 W

**Electrical parameters:**

V = 230.00 V      I = 0.04669 A      P = 6.213 W PF = 0.5785

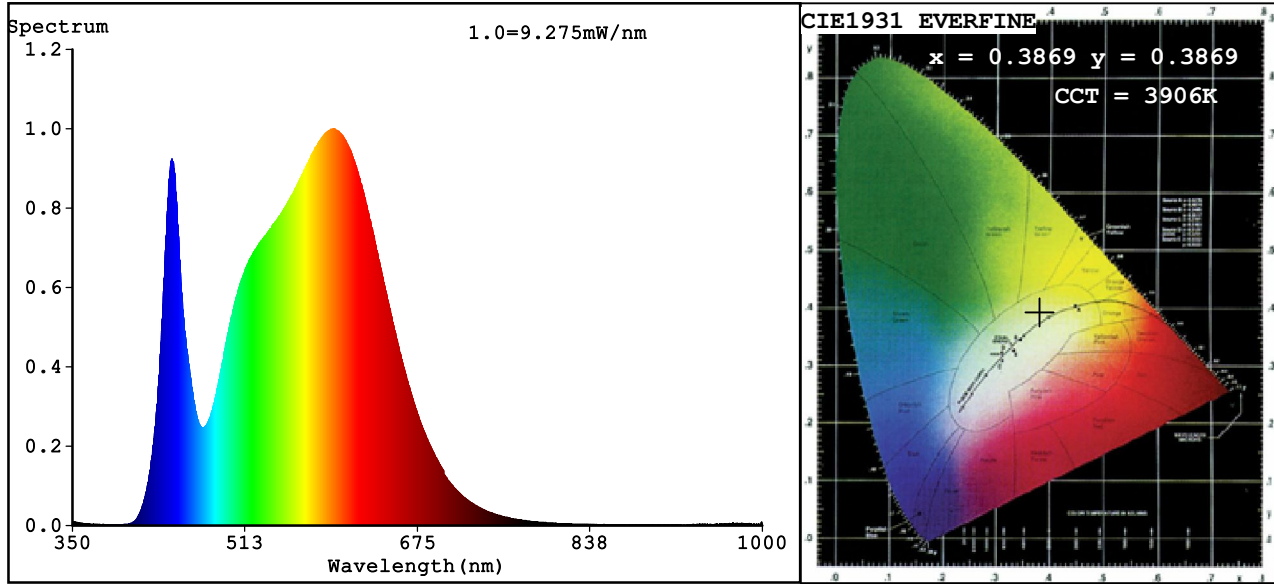
WHITE:ANSI\_4000K

Status: Integral T = 75 ms    Ip = 44754 (68%)

Model:LED CANDLE C37/6W  
 Tester:Petya Marinova  
 Temperature:25.3Deg  
 Manufacturer:ELMARK

Number:99LED751  
 Date:2018-06-26 14:33  
 Humidity:65.0%  
 Remarks:017V068B\_4470

**Spectrum Test Report**



**Color Parameters:**

Chromaticity Coordinate:  $x=0.3869$   $y=0.3869$   $u'=0.2253$   $v'=0.5069$   
 CCT=3906K(Duv=0.0029) Dominant WL:Ld =578.0nm Purity=32.2%  
 Ratio:R=18.5% G=78.2% B=3.3%;;Peak WL:Lp=595.8nm FWHM=155.1nm  
 Render Index:Ra=83.3  
 R1 =81    R2 =88    R3 =94    R4 =84    R5 =82    R6 =84    R7 =87  
 R8 =66    R9 =9    R10=72    R11=84    R12=70    R13=82    R14=97    R15=74

**Photo Parameters:**

Flux = 537.7 lm    Eff. : 86.32 lm/W    Fe = 1.635 W

**Electrical parameters:**

V = 229.97 V    I = 0.04677 A    P = 6.229 W PF = 0.5791

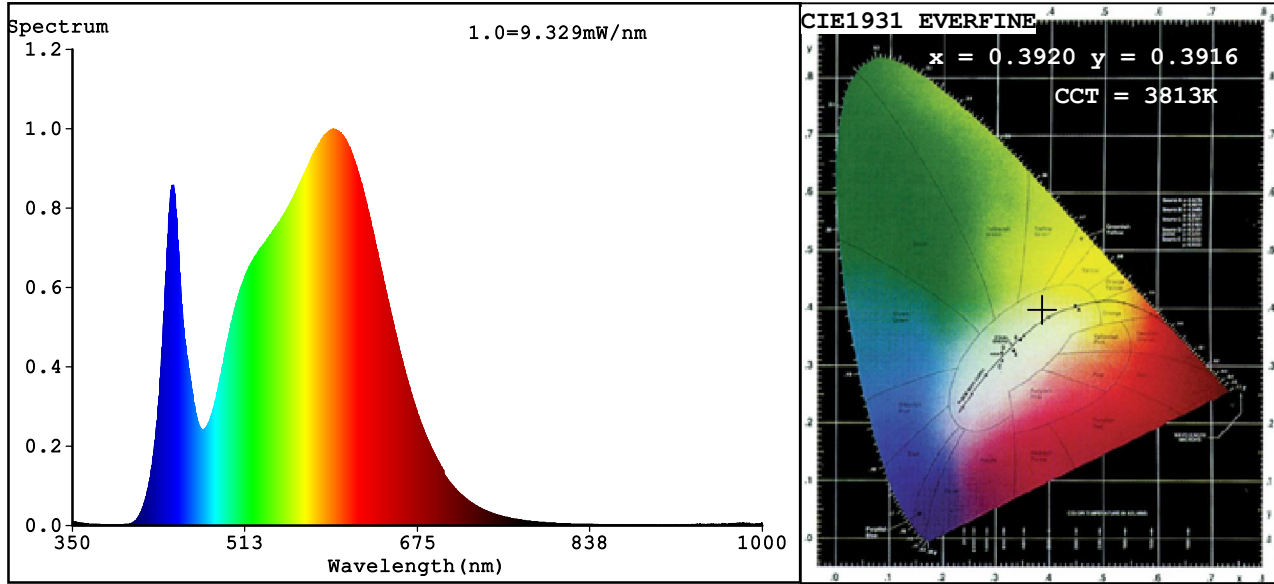
WHITE:ANSI\_4000K

Status: Integral T = 75 ms Ip = 44272 (68%)

Model:LED CANDLE C37/6W  
 Tester:Petya Marinova  
 Temperature:25.3Deg  
 Manufacturer:ELMARK

Number:99LED751  
 Date:2018-06-26 14:36  
 Humidity:65.0%  
 Remarks:017V068B\_4470

**Spectrum Test Report**



**Color Parameters:**

Chromaticity Coordinate:  $x=0.3920$   $y=0.3916$   $u'=0.2268$   $v'=0.5097$   
 CCT=3813K(Duv=0.0036) Dominant WL:Ld =578.1nm Purity=35.2%  
 Ratio:R=18.8% G=78.0% B=3.3%;;Peak WL:Lp=595.5nm FWHM=154.3nm  
 Render Index:Ra=83.2  
 R1 =81 R2 =88 R3 =95 R4 =84 R5 =82 R6 =85 R7 =87  
 R8 =65 R9 =8 R10=72 R11=84 R12=70 R13=82 R14=97 R15=74

**Photo Parameters:**

Flux = 534.7 lm Eff. : 85.81 lm/W Fe = 1.615 W

**Electrical parameters:**

V = 229.98 V I = 0.04674 A P = 6.231 W PF = 0.5797

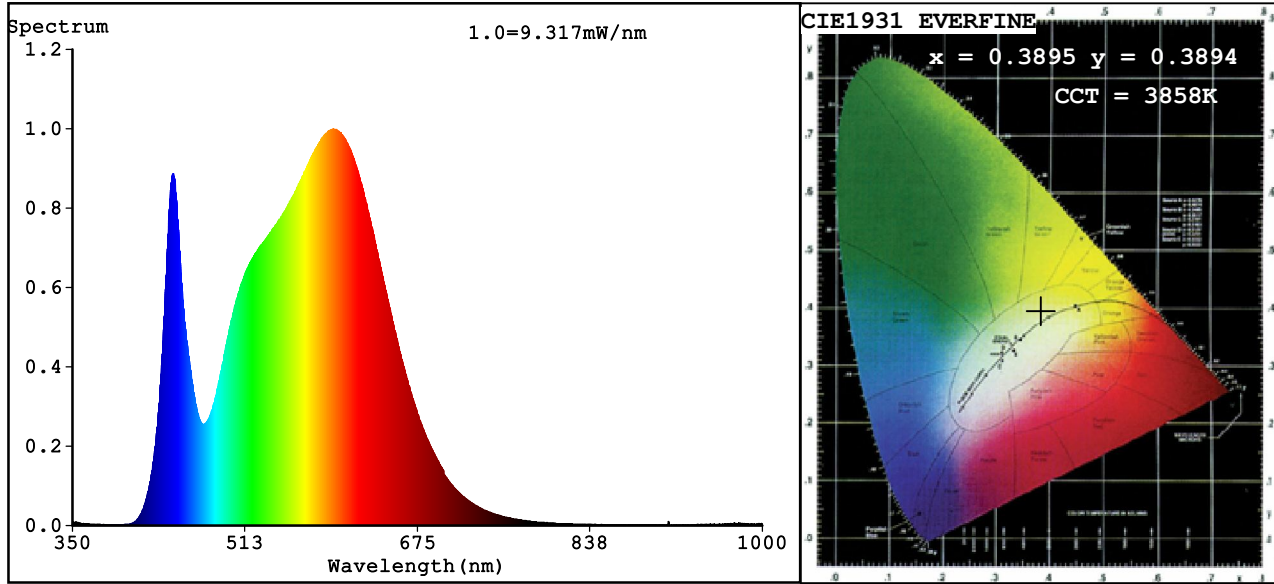
WHITE:ANSI\_4000K

Status: Integral T = 75 ms Ip = 44378 (68%)

Model:LED CANDLE C37/6W  
 Tester:Petya Marinova  
 Temperature:25.3Deg  
 Manufacturer:ELMARK

Number:99LED751  
 Date:2018-06-26 14:37  
 Humidity:65.0%  
 Remarks:017V068B\_4470

**Spectrum Test Report**



**Color Parameters:**

Chromaticity Coordinate:  $x=0.3895$   $y=0.3894$  /  $u'=0.2260$   $v'=0.5084$   
CCT=3858K(Duv=0.0033) Dominant WL:Ld =578.1nm Purity=33.8%  
Ratio:R=18.6% G=78.0% B=3.4%;; Peak WL:Lp=595.8nm FWHM=154.6nm  
Render Index:Ra=83.5  
R1 =81      R2 =88      R3 =95      R4 =84      R5 =82      R6 =85      R7 =87  
R8 =65      R9 =9      R10=73      R11=84      R12=69      R13=83      R14=97      R15=74

**Photo Parameters:**

Flux = 536.8 lm    Eff. : 86.94 lm/W    Fe = 1.625 W

**Electrical parameters:**

V = 230.00 V      I = 0.04646 A      P = 6.174 W PF = 0.5778

WHITE:ANSI\_4000K

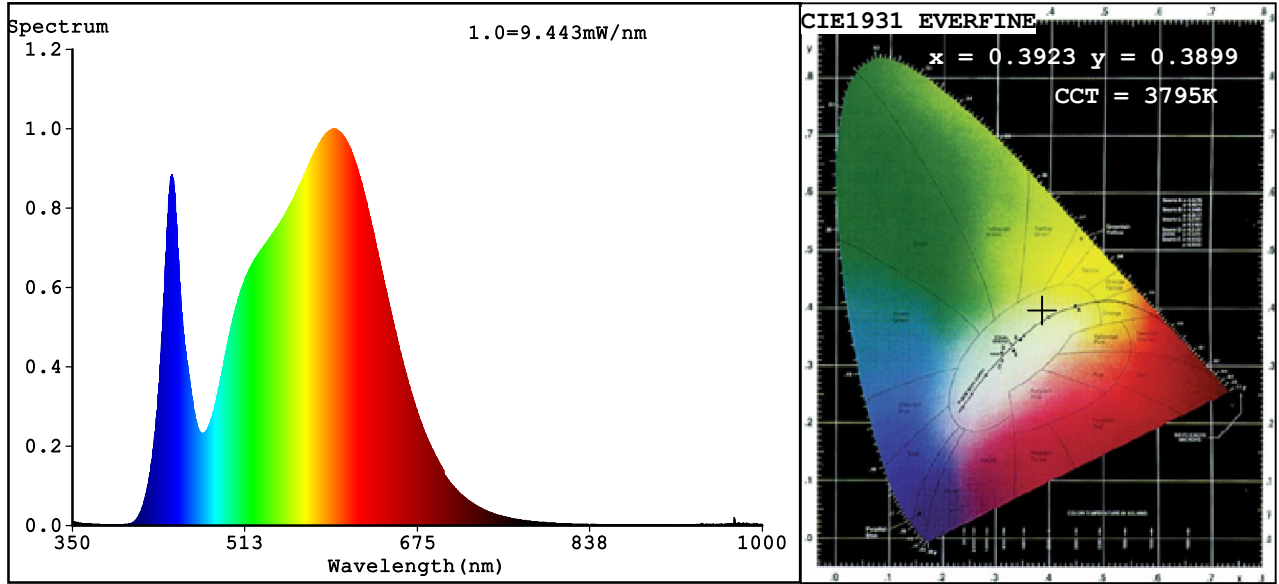
Status: Integral T = 75 ms    Ip = 44382 (68%)

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Model:LED CANDLE C37/6W  
Tester:Petya Marinova  
Temperature:25.3Deg  
Manufacturer:ELMARK

Number:99LED751  
Date:2018-06-26 14:39  
Humidity:65.0%  
Remarks:017V068B\_4470

**Spectrum Test Report**



**Color Parameters:**

Chromaticity Coordinate:  $x=0.3923$   $y=0.3899$   $u'=0.2276$   $v'=0.5090$   
 CCT=3795K(Duv=0.0028) Dominant WL:Ld =578.6nm Purity=34.8%  
 Ratio:R=18.9% G=77.9% B=3.2%;;Peak WL:Lp=595.8nm FWHM=153.8nm  
 Render Index:Ra=83.1  
 R1 =81      R2 =88      R3 =94      R4 =84      R5 =82      R6 =85      R7 =87  
 R8 =65      R9 =9      R10=72      R11=84      R12=70      R13=82      R14=97      R15=74

**Photo Parameters:**

Flux = 539.1 lm    Eff. : 84.54 lm/W    Fe = 1.634 W

**Electrical parameters:**

V = 230.00 V      I = 0.04772 A      P = 6.377 W PF = 0.5810

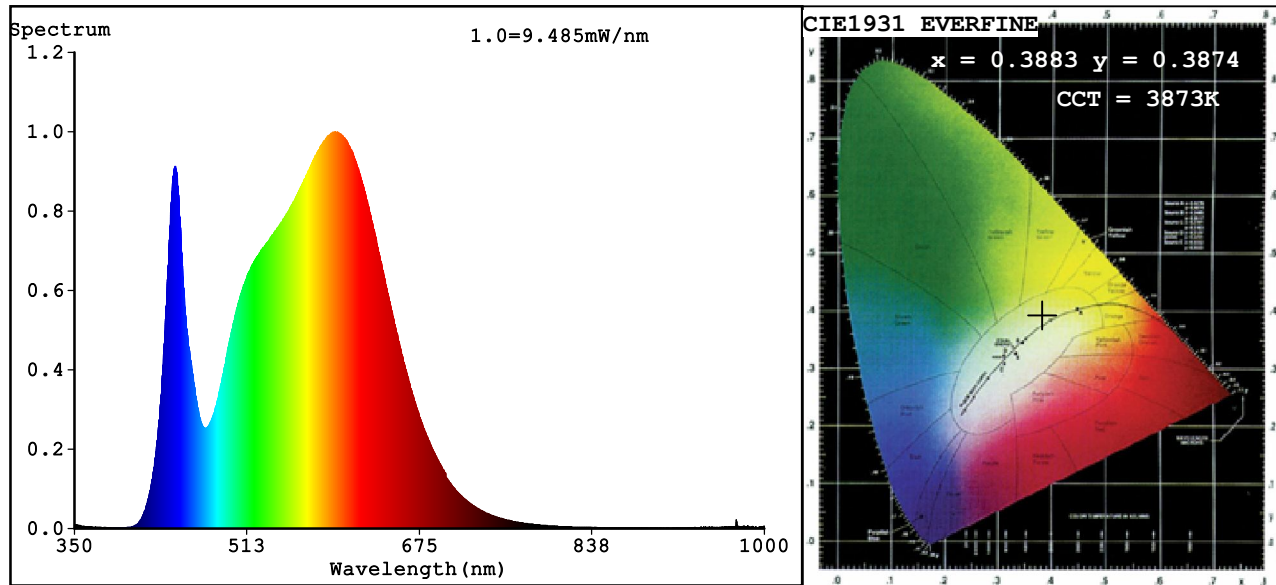
WHITE:ANSI\_4000K

Status: Integral T = 75 ms    Ip = 44906 (69%)

Model:LED CANDLE C37/6W  
 Tester:Petya Marinova  
 Temperature:25.3Deg  
 Manufacturer:ELMARK

Number:99LED751  
 Date:2018-06-26 14:40  
 Humidity:65.0%  
 Remarks:017V068B\_4470

**Spectrum Test Report**



**Color Parameters:**

Chromaticity Coordinate:  $x=0.3883$   $y=0.3874$   $u'=0.2260$   $v'=0.5074$

CCT=3873K(Duv=0.0027) Dominant WL:Ld =578.3nm Purity=32.8%

Ratio:R=18.6% G=78.0% B=3.4%;;Peak WL:Lp=595.9nm FWHM=154.7nm

Render Index:Ra=83.5

R1 =82      R2 =88      R3 =95      R4 =84      R5 =82      R6 =85      R7 =87

R8 =66      R9 =10      R10=73      R11=84      R12=70      R13=83      R14=97      R15=75

**Photo Parameters:**

Flux = 546.9 lm    Eff. : 85.76 lm/W    Fe = 1.662 W

**Electrical parameters:**

V = 229.99 V      I = 0.04779 A      P = 6.377 W PF = 0.5802

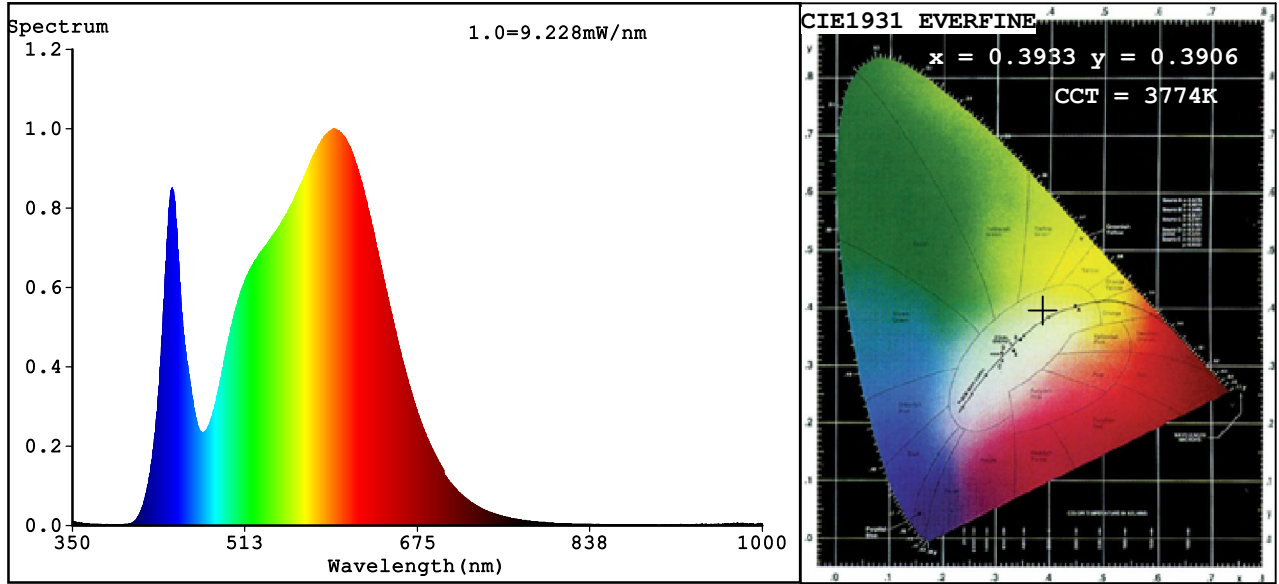
WHITE:ANSI\_4000K

Status: Integral T = 75 ms Ip = 45191 (69%)

Model:LED CANDLE C37/6W  
Tester:Petya Marinova  
Temperature:25.3Deg  
Manufacturer:ELMARK

Number:99LED751  
Date:2018-06-26 14:41  
Humidity:65.0%  
Remarks:017V068B\_4470

**Spectrum Test Report**



**Color Parameters:**

Chromaticity Coordinate:  $x=0.3933$   $y=0.3906$  /  $u'=0.2280$   $v'=0.5094$   
 CCT=3774K (Duv=0.0028) Dominant WL:Ld =578.6nm Purity=35.3%  
 Ratio:R=19.0% G=77.8% B=3.2%;; Peak WL:Lp=596.5nm FWHM=153.8nm  
 Render Index:Ra=83.3  
 R1 =81 R2 =88 R3 =95 R4 =84 R5 =82 R6 =85 R7 =87  
 R8 =65 R9 =9 R10=73 R11=84 R12=71 R13=82 R14=97 R15=74

**Photo Parameters:**

Flux = 524.8 lm Eff. : 85.26 lm/W Fe = 1.591 W

**Electrical parameters:**

V = 229.99 V I = 0.04644 A P = 6.155 W PF = 0.5762

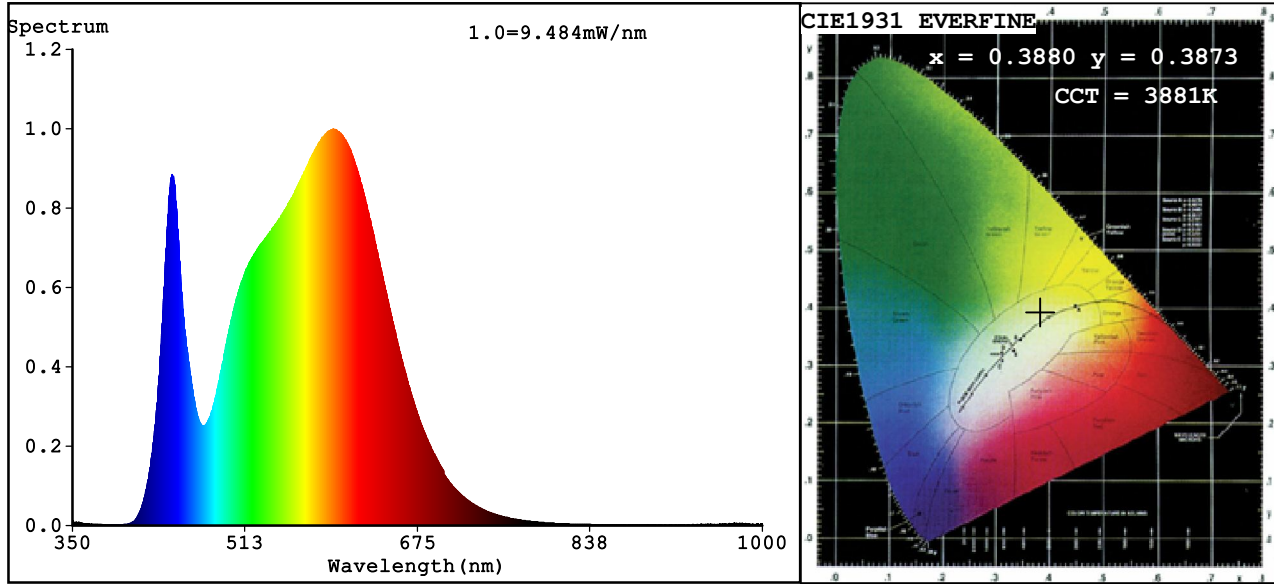
WHITE:ANSI\_4000K

Status: Integral T = 75 ms Ip = 43834 (67%)

Model:LED CANDLE C37/6W  
 Tester:Petya Marinova  
 Temperature:25.3Deg  
 Manufacturer:ELMARK

Number:99LED751  
 Date:2018-06-26 14:43  
 Humidity:65.0%  
 Remarks:017V068B\_4470

**Spectrum Test Report**



**Color Parameters:**

Chromaticity Coordinate:  $x=0.3880$   $y=0.3873$   $u'=0.2258$   $v'=0.5073$   
CCT=3881K(Duv=0.0027) Dominant WL:Ld =578.2nm Purity=32.7%  
Ratio:R=18.6% G=78.0% B=3.4%;;Peak WL:Lp=595.8nm FWHM=154.9nm  
Render Index:Ra=83.4  
R1 =81      R2 =88      R3 =94      R4 =84      R5 =82      R6 =85      R7 =87  
R8 =66      R9 =10      R10=72      R11=84      R12=70      R13=83      R14=97      R15=74

**Photo Parameters:**

Flux = 547.2 lm    Eff. : 85.71 lm/W    Fe = 1.664 W

**Electrical parameters:**

V = 229.98 V      I = 0.04796 A      P = 6.384 W PF = 0.5788

WHITE:ANSI\_4000K

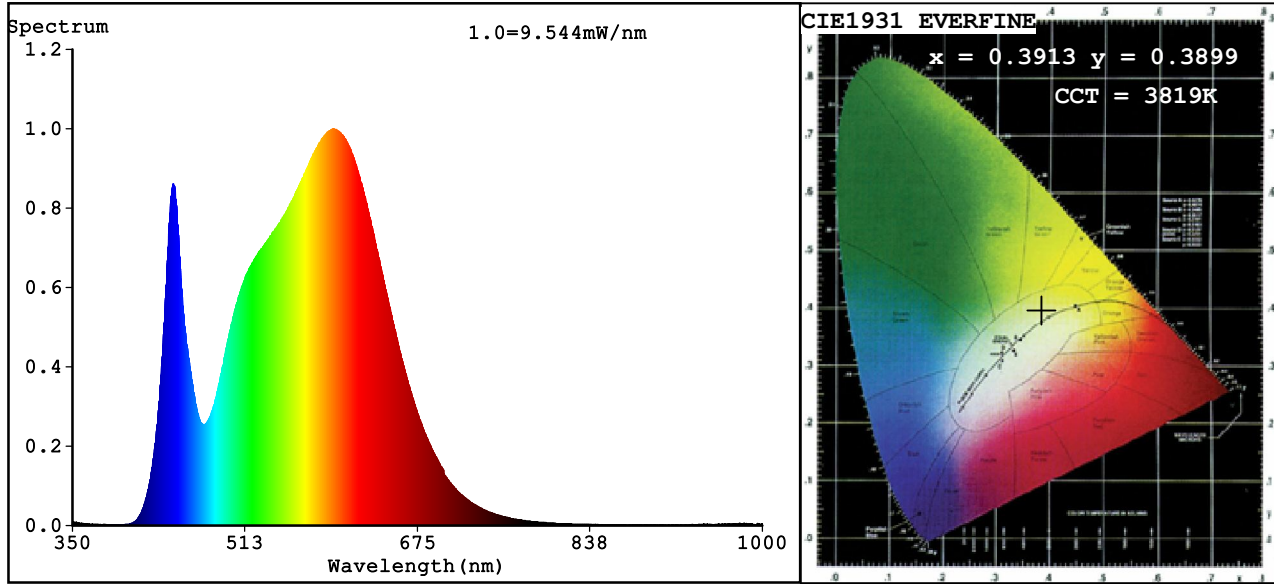
Status: Integral T = 75 ms Ip = 45184 (69%)

Model:LED CANDLE C37/6W  
Tester:Petya Marinova  
Temperature:25.3Deg  
Manufacturer:ELMARK

Number:99LED751  
Date:2018-06-26 14:44  
Humidity:65.0%  
Remarks:O17V068B\_4470



**Spectrum Test Report**



**Color Parameters:**

Chromaticity Coordinate:  $x=0.3913$   $y=0.3899$   $u'=0.2270$   $v'=0.5089$

CCT=3819K (Duv=0.0030) Dominant WL:Ld =578.3nm Purity=34.5%

Ratio:R=18.8% G=77.9% B=3.3%;; Peak WL:Lp=595.8nm FWHM=154.1nm

Render Index:Ra=83.4

R1 =81      R2 =88      R3 =95      R4 =84      R5 =82      R6 =85      R7 =87

R8 =65      R9 =9      R10=73      R11=84      R12=70      R13=83      R14=97      R15=74

**Photo Parameters:**

Flux = 546.3 lm    Eff. : 84.60 lm/W    Fe = 1.655 W

**Electrical parameters:**

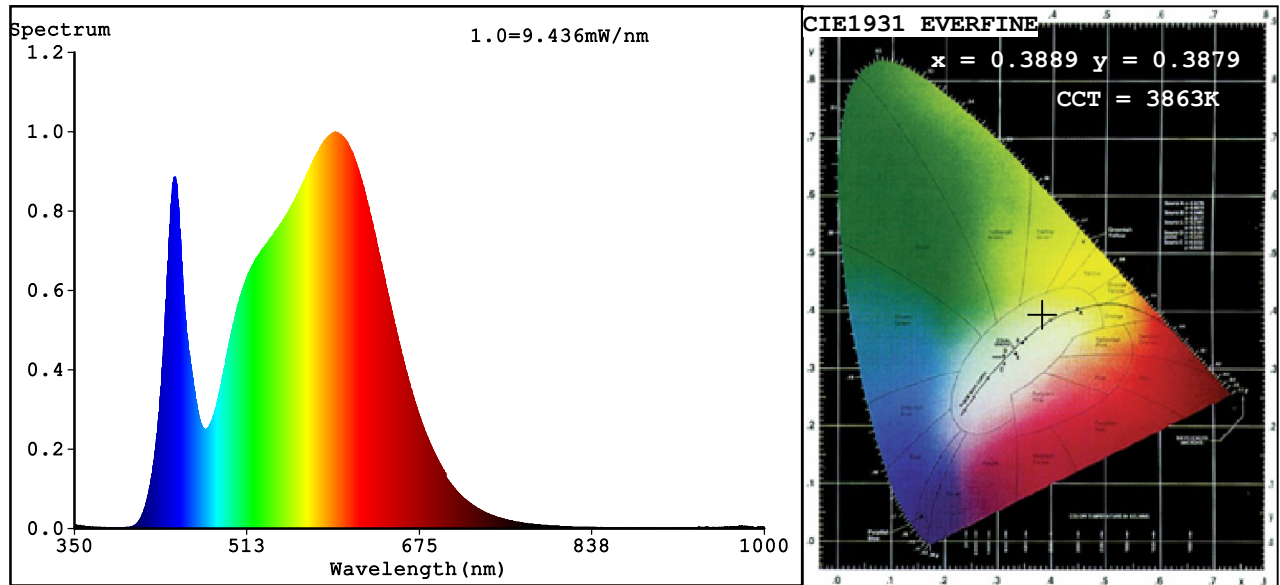
V = 230.01 V      I = 0.04835 A      P = 6.458 W PF = 0.5806

WHITE:ANSI\_4000K

Status: Integral T = 75 ms Ip = 45403 (69%)

Model:LED CANDLE C37/6W  
Tester:Petya Marinova  
Temperature:25.3Deg  
Manufacturer:ELMARK

Number:99LED751  
Date:2018-06-26 14:45  
Humidity:65.0%  
Remarks:017V068B\_4470

**Spectrum Test Report****Color Parameters:**Chromaticity Coordinate:  $x=0.3889$   $y=0.3879$   $u'=0.2262$   $v'=0.5076$ 

CCT=3863K(Duv=0.0027) Dominant WL:Ld =578.3nm Purity=33.1%

Ratio:R=18.7% G=78.0% B=3.3%;;Peak WL:Lp=595.8nm FWHM=154.7nm

Render Index:Ra=83.4

R1 =81 R2 =88 R3 =95 R4 =84 R5 =82 R6 =85 R7 =87

R8 =66 R9 =10 R10=73 R11=84 R12=70 R13=83 R14=97 R15=74

**Photo Parameters:**

Flux = 542.9 lm Eff. : 85.32 lm/W Fe = 1.650 W

**Electrical parameters:**

V = 230.01 V I = 0.04761 A P = 6.364 W PF = 0.5811

WHITE:ANSI\_4000K

Status: Integral T = 75 ms Ip = 44895 (69%)

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Model:LED CANDLE C37/6W  
Tester:Petya Marinova  
Temperature:25.3Deg  
Manufacturer:ELMARKNumber:99LED751  
Date:2018-06-26 14:56  
Humidity:65.0%  
Remarks:017V068B\_4470