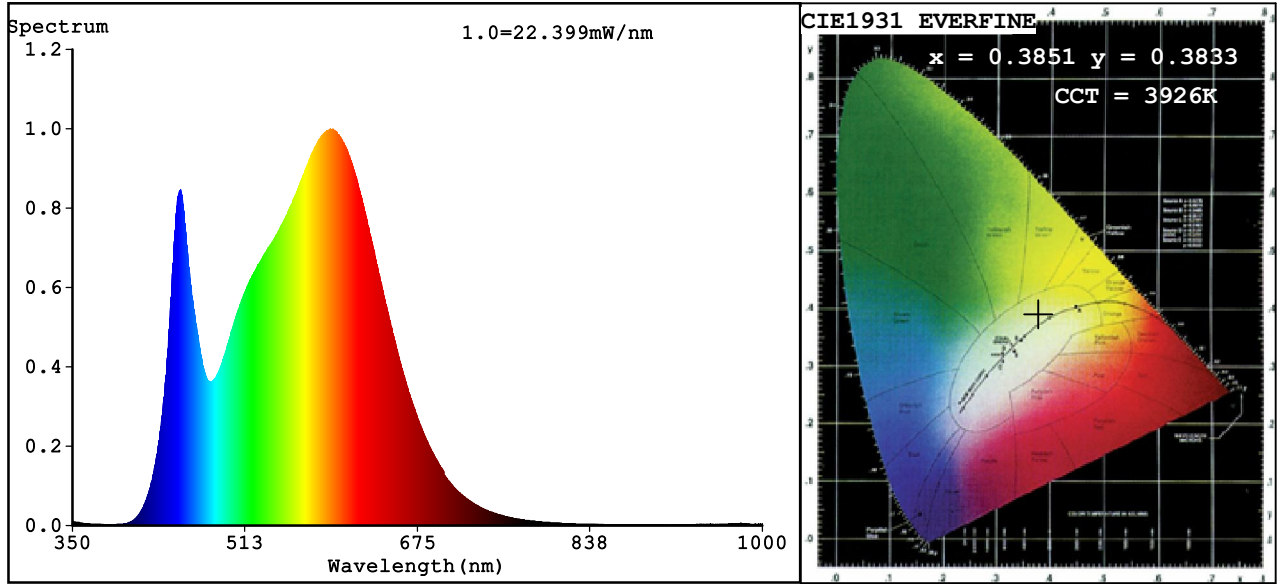


**Spectrum Test Report**



**Color Parameters:**

Chromaticity Coordinate:  $x=0.3851$   $y=0.3833$  /  $u'=0.2255$   $v'=0.5051$   
 CCT=3926K (Duv=0.0017) Dominant WL:Ld =578.5nm Purity=30.6%  
 Ratio:R=18.4% G=77.7% B=3.9%; Peak WL:Lp=592.8nm FWHM=149.2nm  
 Render Index:Ra=83.2  
 R1 =81 R2 =90 R3 =96 R4 =81 R5 =82 R6 =87 R7 =85  
 R8 =63 R9 =6 R10=77 R11=80 R12=67 R13=83 R14=98 R15=74

**Photo Parameters:**

Flux = 1267 lm Eff. : 84.85 lm/W Fe = 3.867 W

**Electrical parameters:**

V = 229.92 V I = 0.1216 A P = 14.93 W PF = 0.5339

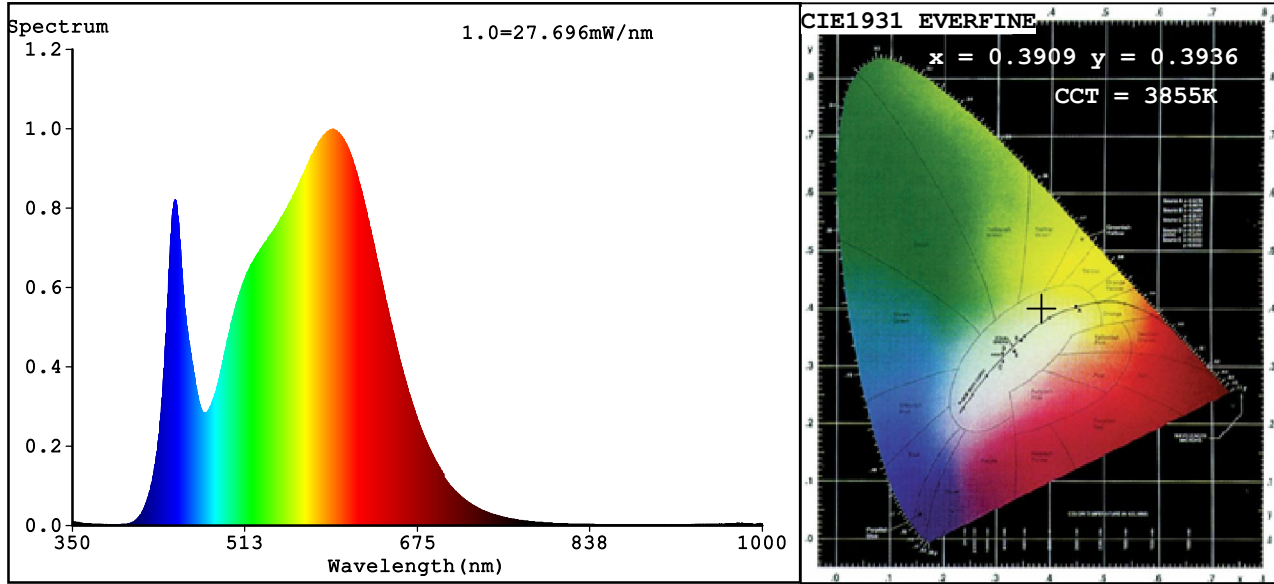
WHITE:ANSI\_4000K

Status: Integral T = 34 ms Ip = 38673 (59%)

Model:LED PEAR A60/15W  
 Tester:Petya Marinova  
 Temperature:25.3Deg  
 Manufacturer:ELMARK

Number:99LED742  
 Date:2017-11-03 13:02  
 Humidity:65.0%  
 Remarks:017A019\_4036

**Spectrum Test Report**



**Color Parameters:**

Chromaticity Coordinate:  $x=0.3909$   $y=0.3936$  /  $u'=0.2253$   $v'=0.5103$   
 CCT=3855K (Duv=0.0048) Dominant WL:Ld =577.5nm Purity=35.5%  
 Ratio:R=18.4% G=78.1% B=3.4%;; Peak WL:Lp=595.5nm FWHM=152.2nm  
 Render Index:Ra=82.8  
 R1 =80 R2 =88 R3 =96 R4 =83 R5 =81 R6 =85 R7 =87  
 R8 =63 R9 =4 R10=73 R11=82 R12=67 R13=82 R14=98 R15=73

**Photo Parameters:**

Flux = 1586 lm Eff. : 100.55 lm/W Fe = 4.738 W

**Electrical parameters:**

V = 229.94 V I = 0.1262 A P = 15.77 W PF = 0.5438

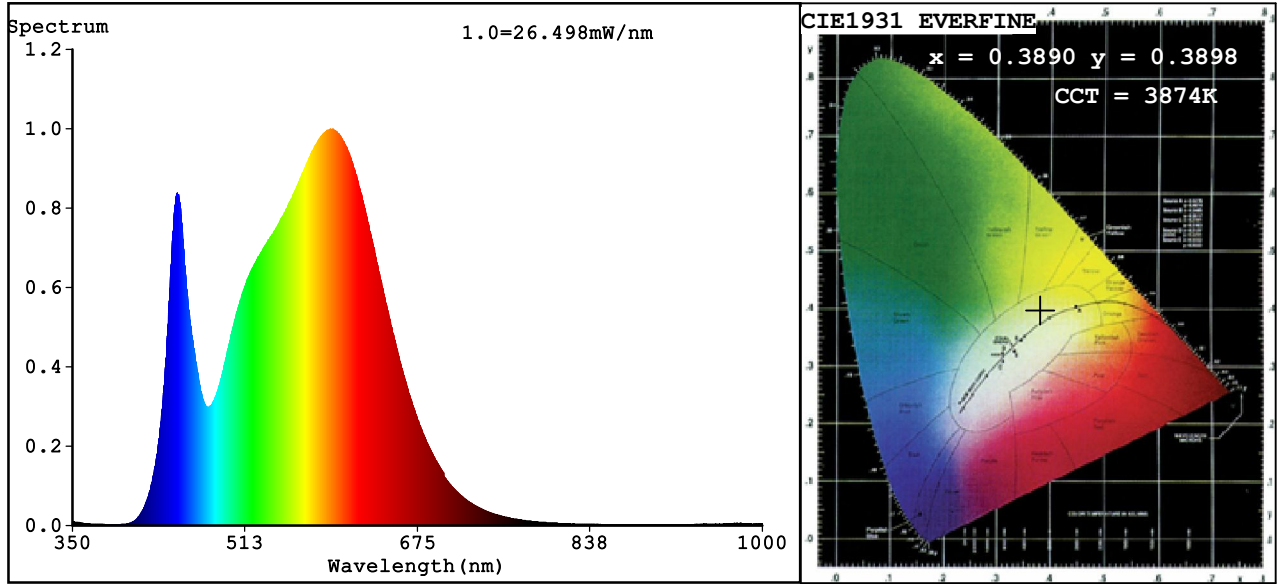
WHITE:ANSI\_4000K

Status: Integral T = 34 ms Ip = 47657 (73%)

Model:LED PEAR A60/15W  
 Tester:Petya Marinova  
 Temperature:25.3Deg  
 Manufacturer:ELMARK

Number:99LED742  
 Date:2017-11-03 13:05  
 Humidity:65.0%  
 Remarks:017A019\_4036

**Spectrum Test Report**



**Color Parameters:**

Chromaticity Coordinate:  $x=0.3890$   $y=0.3898$  /  $u'=0.2255$   $v'=0.5085$   
CCT=3874K (Duv=0.0036) Dominant WL:Ld =577.9nm Purity=33.7%  
Ratio:R=18.3% G=78.2% B=3.5%;; Peak WL:Lp=595.5nm FWHM=149.3nm  
Render Index:Ra=82.2  
R1 =80    R2 =88    R3 =96    R4 =81    R5 =80    R6 =85    R7 =86  
R8 =62    R9 =2    R10=73    R11=80    R12=64    R13=82    R14=98    R15=72

**Photo Parameters:**

Flux = 1512 lm    Eff. : 95.60 lm/W    Fe = 4.536 W

**Electrical parameters:**

V = 229.91 V    I = 0.1271 A    P = 15.81 W PF = 0.5410

WHITE:ANSI\_4000K

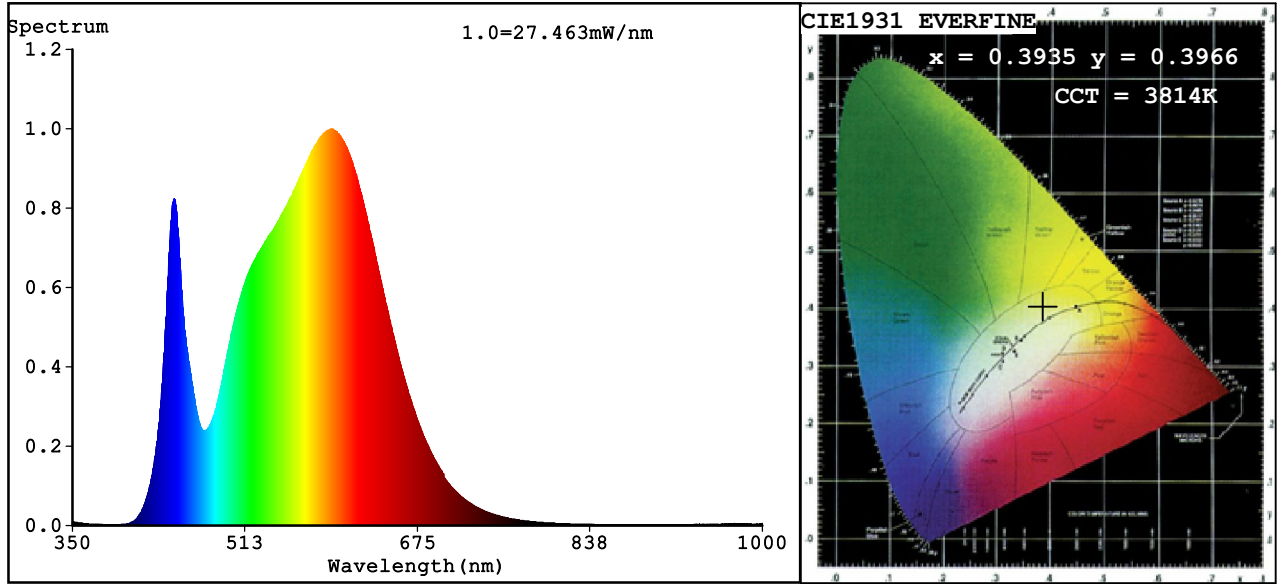
Status: Integral T = 34 ms    Ip = 45777 (70%)

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Model:LED PEAR A60/15W  
Tester:Petya Marinova  
Temperature:25.3Deg  
Manufacturer:ELMARK

Number:99LED742  
Date:2017-11-03 13:08  
Humidity:65.0%  
Remarks:017A019\_4036

**Spectrum Test Report**



**Color Parameters:**

Chromaticity Coordinate:  $x=0.3935$   $y=0.3966$   $u'=0.2258$   $v'=0.5120$   
 CCT=3814K(Duv=0.0054) Dominant WL:Ld =577.4nm Purity=37.2%  
 Ratio:R=18.3% G=78.6% B=3.1%;;Peak WL:Lp=595.5nm FWHM=149.4nm  
 Render Index:Ra=81.0  
 R1 =78      R2 =86      R3 =94      R4 =81      R5 =79      R6 =82      R7 =86  
 R8 =61      R9 =0      R10=69      R11=80      R12=64      R13=80      R14=97      R15=70

**Photo Parameters:**

Flux = 1571 lm    Eff. : 96.84 lm/W    Fe = 4.646 W

**Electrical parameters:**

V = 229.93 V      I = 0.1299 A      P = 16.22 W PF = 0.5429

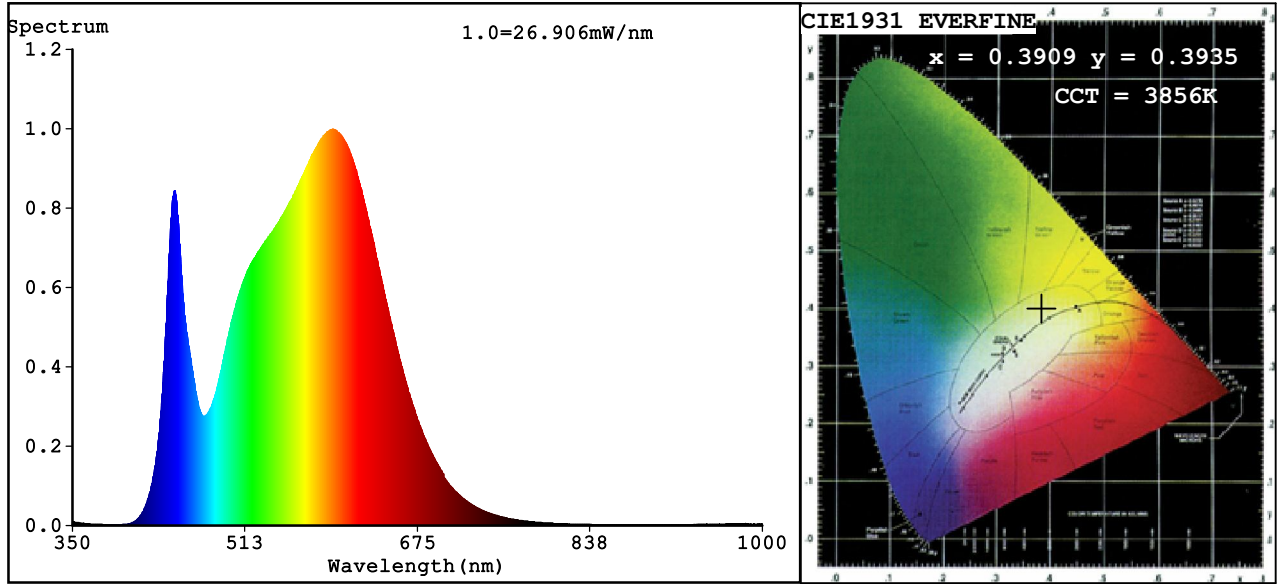
WHITE:ANSI\_4000K

Status: Integral T = 34 ms    Ip = 47480 (72%)

Model:LED PEAR A60/15W  
 Tester:Petya Marinova  
 Temperature:25.3Deg  
 Manufacturer:ELMARK

Number:99LED742  
 Date:2017-11-03 13:11  
 Humidity:65.0%  
 Remarks:017A019\_4036

**Spectrum Test Report**



**Color Parameters:**

Chromaticity Coordinate:  $x=0.3909$   $y=0.3935$   $u'=0.2253$   $v'=0.5103$   
 CCT=3856K(Duv=0.0048) Dominant WL:Ld =577.5nm Purity=35.4%  
 Ratio:R=18.5% G=78.1% B=3.4%;;Peak WL:Lp=595.5nm FWHM=152.5nm  
 Render Index:Ra=82.8  
 R1 =80 R2 =88 R3 =96 R4 =83 R5 =81 R6 =85 R7 =87  
 R8 =63 R9 =4 R10=73 R11=82 R12=67 R13=82 R14=98 R15=73

**Photo Parameters:**

Flux = 1543 lm Eff. : 97.41 lm/W Fe = 4.608 W

**Electrical parameters:**

V = 229.91 V I = 0.1271 A P = 15.84 W PF = 0.5419

WHITE:ANSI\_4000K

Status: Integral T = 34 ms Ip = 46250 (71%)

Model:LED PEAR A60/15W  
 Tester:Petya Marinova  
 Temperature:25.3Deg  
 Manufacturer:ELMARK

Number:99LED742  
 Date:2017-11-03 13:12  
 Humidity:65.0%  
 Remarks:017A019\_4036