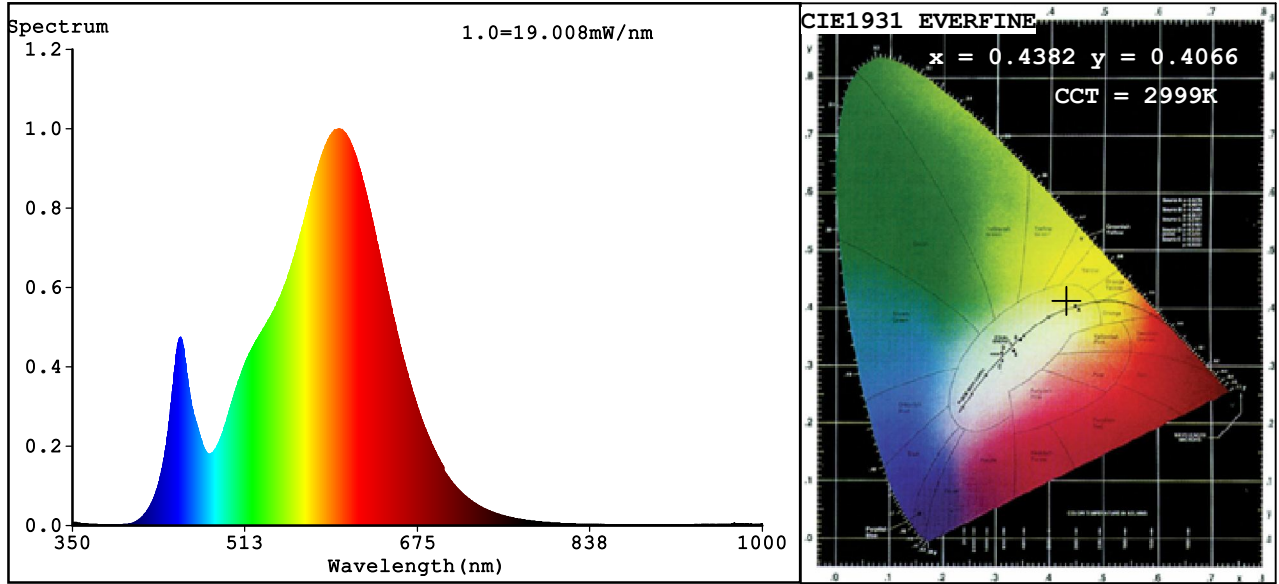


**Spectrum Test Report**



**Color Parameters:**

Chromaticity Coordinate:  $x=0.4382$   $y=0.4066$   $u'=0.2503$   $v'=0.5226$

CCT=2999K(Duv=0.0008) Dominant WL:Ld =582.5nm Purity=53.6%

Ratio:R=22.5% G=75.0% B=2.5%;;Peak WL:Lp=601.1nm FWHM=124.0nm

Render Index:Ra=80.5

R1 =78	R2 =89	R3 =96	R4 =78	R5 =79	R6 =87	R7 =82	
R8 =55	R9 =0	R10=76	R11=77	R12=69	R13=81	R14=98	R15=70

**Photo Parameters:**

Flux = 926.8 lm Eff. : 99.53 lm/W Fe = 2.788 W

**Electrical parameters:**

V = 229.90 V I = 0.07481 A P = 9.312 W PF = 0.5414

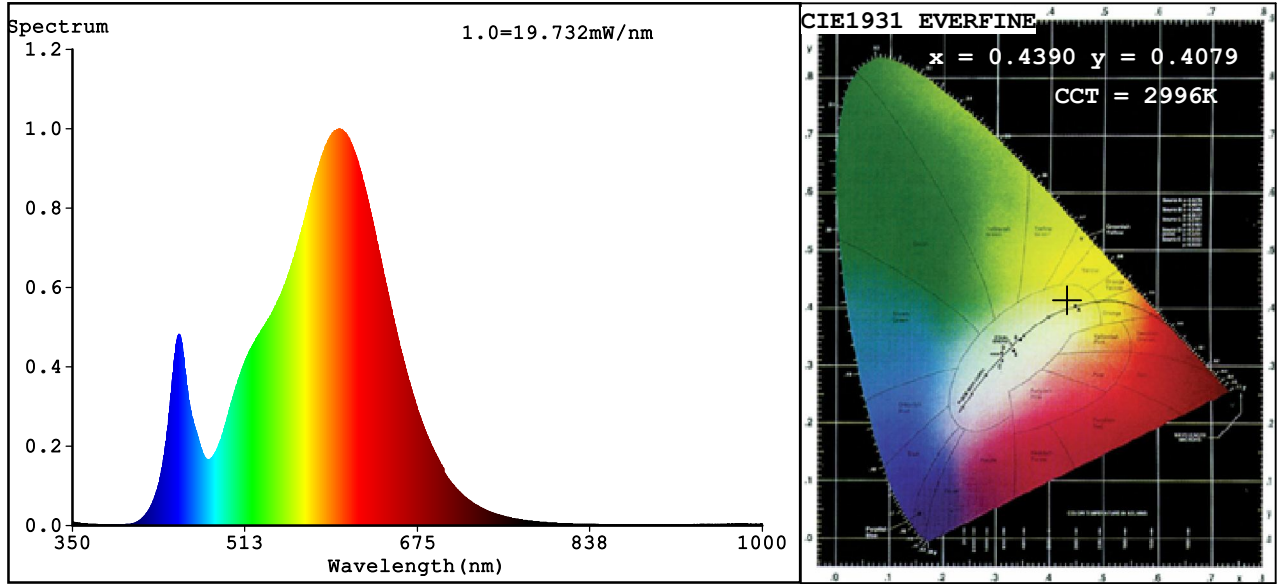
WHITE:ANSI\_3000K

Status: Integral T = 49 ms Ip = 47920 (73%)

Model:LED PEAR A60/10W  
Tester:Petya Marinova  
Temperature:25.3Deg  
Manufacturer:ELMARK

Number:99LED585  
Date:2017-04-27 12:56  
Humidity:65.0%  
Remarks:016A040\_3572

**Spectrum Test Report**



**Color Parameters:**

Chromaticity Coordinate:  $x=0.4390$   $y=0.4079$  /  $u'=0.2503$   $v'=0.5232$   
 CCT=2996K (Duv=0.0012) Dominant WL:Ld =582.4nm Purity=54.2%  
 Ratio:R=22.5% G=75.1% B=2.4%; Peak WL:Lp=602.1nm FWHM=124.5nm  
 Render Index:Ra=80.5  
 R1 =78 R2 =89 R3 =97 R4 =78 R5 =78 R6 =87 R7 =82  
 R8 =55 R9 =0 R10=75 R11=77 R12=68 R13=81 R14=99 R15=70

**Photo Parameters:**

Flux = 962.3 lm Eff. : 99.82 lm/W Fe = 2.878 W

**Electrical parameters:**

V = 229.91 V I = 0.07641 A P = 9.640 W PF = 0.5488

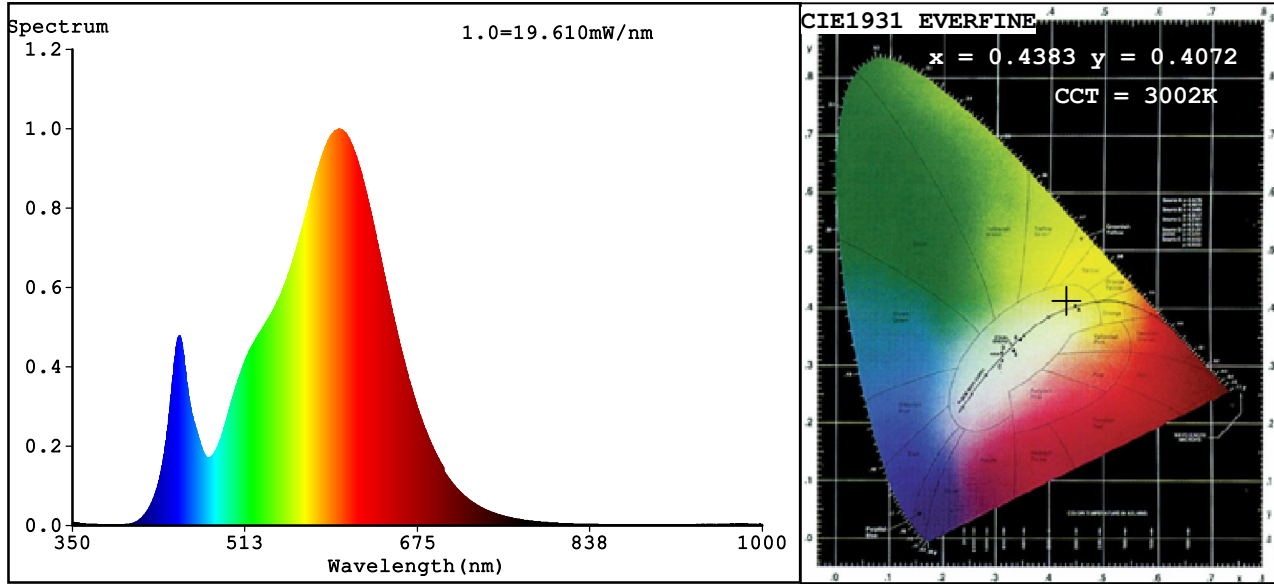
WHITE:ANSI\_3000K

Status: Integral T = 49 ms Ip = 49698 (76%)

Model:LED PEAR A60/10W  
 Tester:Petya Marinova  
 Temperature:25.3Deg  
 Manufacturer:ELMARK

Number:99LED585  
 Date:2017-04-27 12:59  
 Humidity:65.0%  
 Remarks:016A040\_3572

**Spectrum Test Report**



**Color Parameters:**

Chromaticity Coordinate:  $x=0.4383$   $y=0.4072$  /  $u'=0.2501$   $v'=0.5228$   
CCT=3002K (Duv=0.0010) Dominant WL:Ld =582.5nm Purity=53.8%  
Ratio:R=22.5% G=75.1% B=2.4%;; Peak WL:Lp=602.1nm FWHM=125.2nm  
Render Index:Ra=80.8  
R1 =78    R2 =89    R3 =97    R4 =79    R5 =79    R6 =87    R7 =82  
R8 =56    R9 =0    R10=76    R11=78    R12=69    R13=81    R14=99    R15=70

**Photo Parameters:**

Flux = 957.6 lm    Eff. : 98.49 lm/W    Fe = 2.874 W

**Electrical parameters:**

V = 229.96 V    I = 0.07688 A    P = 9.722 W PF = 0.5500

WHITE:ANSI\_3000K

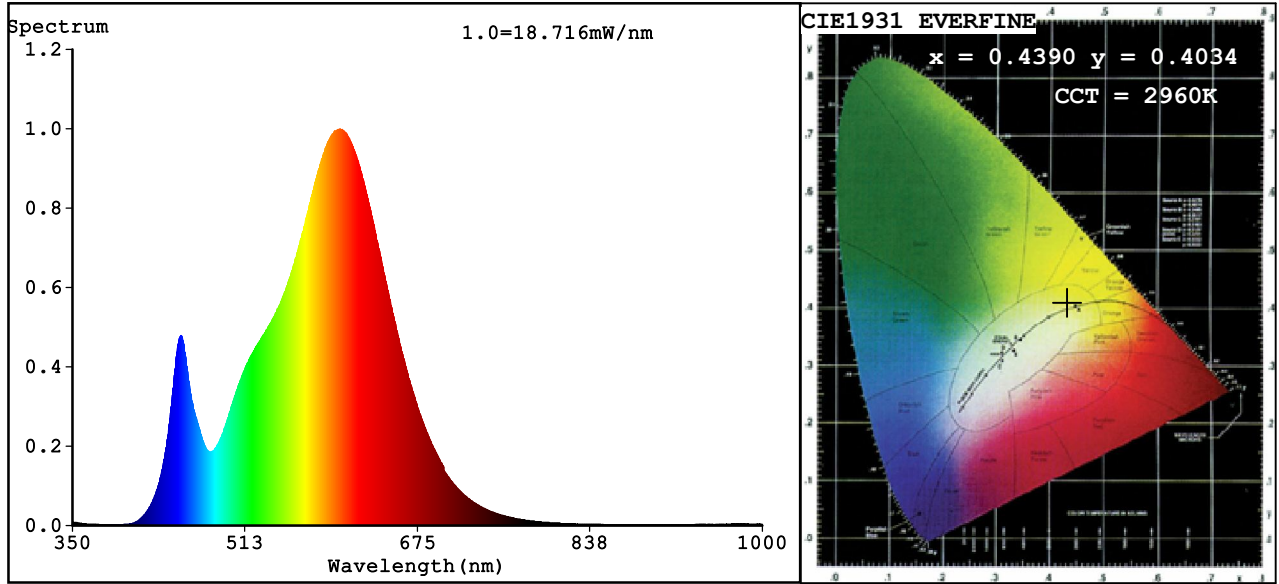
Status: Integral T = 49 ms    Ip = 49404 (75%)

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Model:LED PEAR A60/10W  
Tester:Petya Marinova  
Temperature:25.3Deg  
Manufacturer:ELMARK

Number:99LED585  
Date:2017-04-27 13:02  
Humidity:65.0%  
Remarks:016A040\_3572

**Spectrum Test Report**



**Color Parameters:**

Chromaticity Coordinate:  $x=0.4390$   $y=0.4034$   $u'=0.2522$   $v'=0.5214$   
 CCT=2960K(Duv=-0.0005) Dominant WL:Ld =583.2nm Purity=52.9%  
 Ratio:R=22.9% G=74.6% B=2.5%;;Peak WL:Lp=602.1nm FWHM=120.4nm  
 Render Index:Ra=80.8  
 R1 =79 R2 =90 R3 =95 R4 =78 R5 =79 R6 =88 R7 =81  
 R8 =55 R9 =0 R10=78 R11=77 R12=71 R13=82 R14=98 R15=71

**Photo Parameters:**

Flux = 899.2 lm Eff. : 95.60 lm/W Fe = 2.727 W

**Electrical parameters:**

V = 229.96 V I = 0.07503 A P = 9.406 W PF = 0.5451

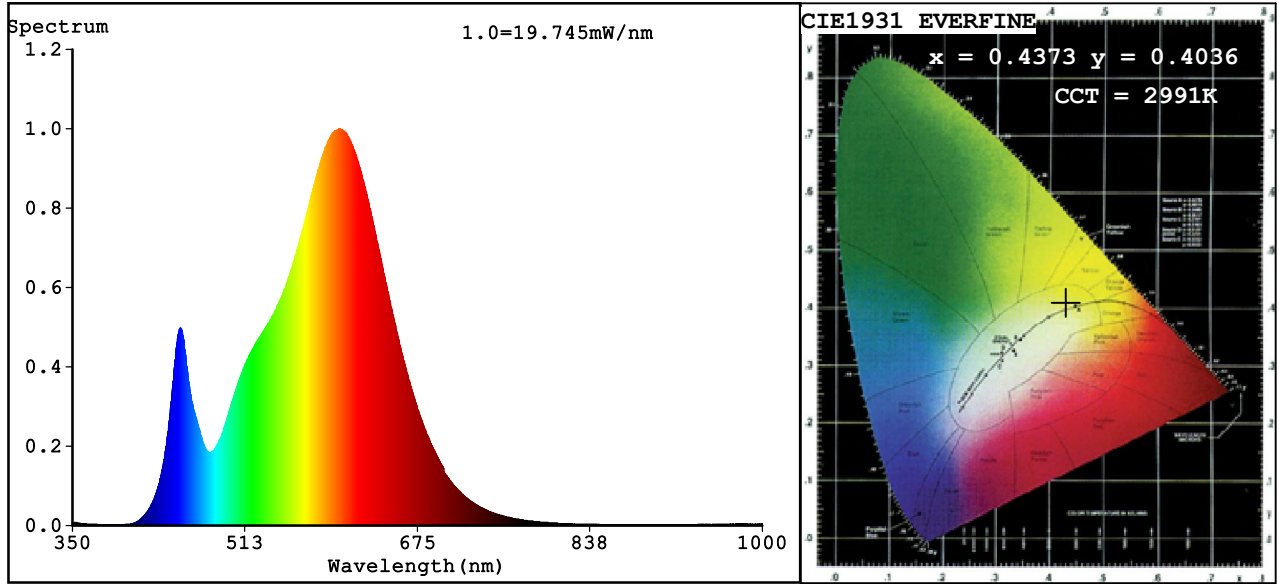
WHITE:ANSI\_3000K

Status: Integral T = 48 ms Ip = 46199 (70%)

Model:LED PEAR A60/10W  
 Tester:Petya Marinova  
 Temperature:25.3Deg  
 Manufacturer:ELMARK

Number:99LED585  
 Date:2017-04-27 13:07  
 Humidity:65.0%  
 Remarks:016A040\_3572

**Spectrum Test Report**



**Color Parameters:**

Chromaticity Coordinate:  $x=0.4373$   $y=0.4036$   $u'=0.2510$   $v'=0.5213$   
CCT=2991K(Duv=-0.0002) Dominant WL:Ld =582.9nm Purity=52.4%  
Ratio:R=22.7% G=74.8% B=2.5%;;Peak WL:Lp=602.1nm FWHM=122.2nm  
Render Index:Ra=80.9  
R1 =79    R2 =90    R3 =96    R4 =78    R5 =79    R6 =88    R7 =81  
R8 =55    R9 =0    R10=78    R11=77    R12=71    R13=82    R14=98    R15=71

**Photo Parameters:**

Flux = 956.4 lm    Eff. : 101.71 lm/W    Fe = 2.889 W

**Electrical parameters:**

V = 229.96 V    I = 0.07476 A    P = 9.403 W PF = 0.5470

WHITE:ANSI\_3000K

Status: Integral T = 48 ms    Ip = 48778 (74%)

Model:LED PEAR A60/10W  
Tester:Petya Marinova  
Temperature:25.3Deg  
Manufacturer:ELMARK

Number:99LED585  
Date:2017-04-27 13:09  
Humidity:65.0%  
Remarks:016A040\_3572