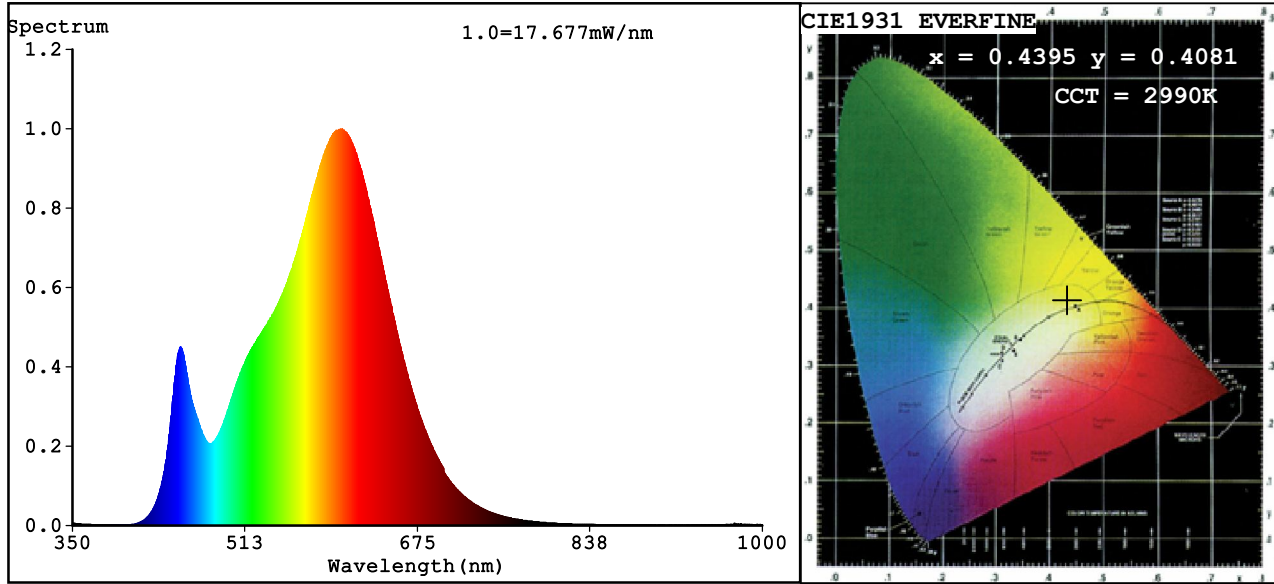


**Spectrum Test Report**



**Color Parameters:**

Chromaticity Coordinate:  $x=0.4395$   $y=0.4081/u'=0.2505$   $v'=0.5233$   
 CCT=2990K(Duv=0.0012) Dominant WL:Ld =582.4nm Purity=54.4%  
 Ratio:R=22.8% G=74.6% B=2.6%;;Peak WL:Lp=604.1nm FWHM=123.4nm  
 Render Index:Ra=81.6  
 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=72

**Photo Parameters:**

Flux = 857.8 lm Eff. : 80.64 lm/W Fe = 2.577 W

**Electrical parameters:**

V = 229.77 V I = 0.08486 A P = 10.64 W PF = 0.5455

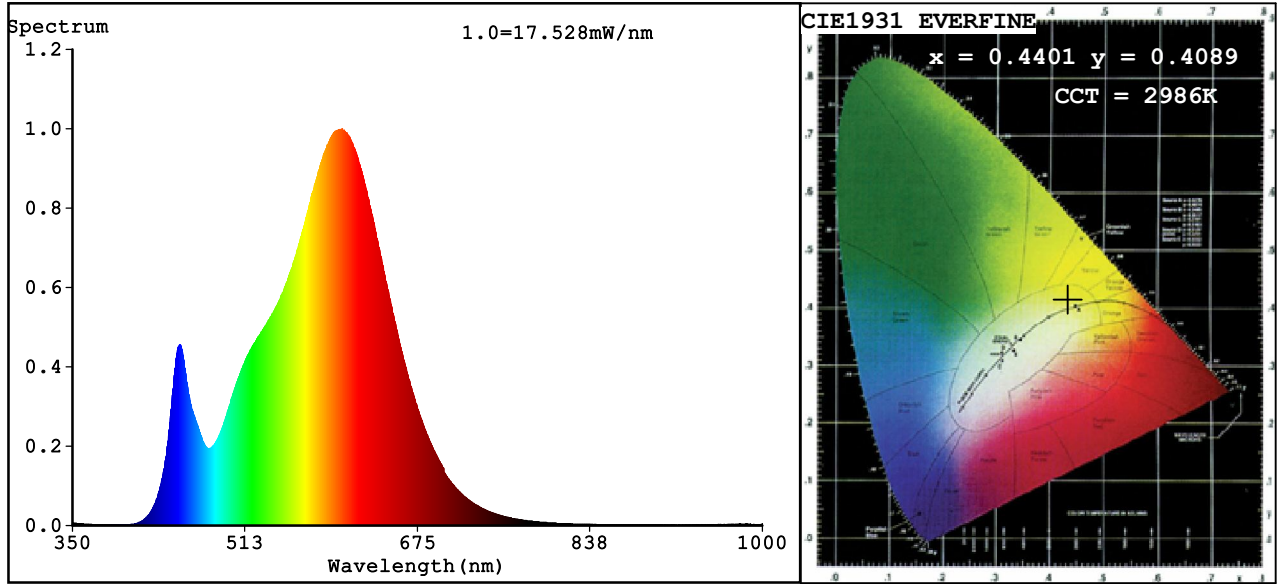
WHITE:ANSI\_3000K

Status: Integral T = 57 ms Ip = 50815 (78%)

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

Number:99XLED585  
 Date:2018-04-27 08:34  
 Humidity:65.0%  
 Remarks:017V068B\_4470

**Spectrum Test Report**



**Color Parameters:**

Chromaticity Coordinate:  $x=0.4401$   $y=0.4089$   $u'=0.2506$   $v'=0.5237$

CCT=2986K(Duv=0.0015) Dominant WL:Ld =582.4nm Purity=54.9%

Ratio:R=22.7% G=74.7% B=2.5%;;Peak WL:Lp=604.1nm FWHM=123.9nm

Render Index:Ra=81.5

R1 =79 R2 =90 R3 =96 R4 =79 R5 =80 R6 =89 R7 =82

R8 =56 R9 =1 R10=78 R11=78 R12=71 R13=82 R14=98 R15=71

**Photo Parameters:**

Flux = 851.2 lm Eff. : 80.75 lm/W Fe = 2.552 W

**Electrical parameters:**

V = 229.83 V I = 0.08412 A P = 10.54 W PF = 0.5452

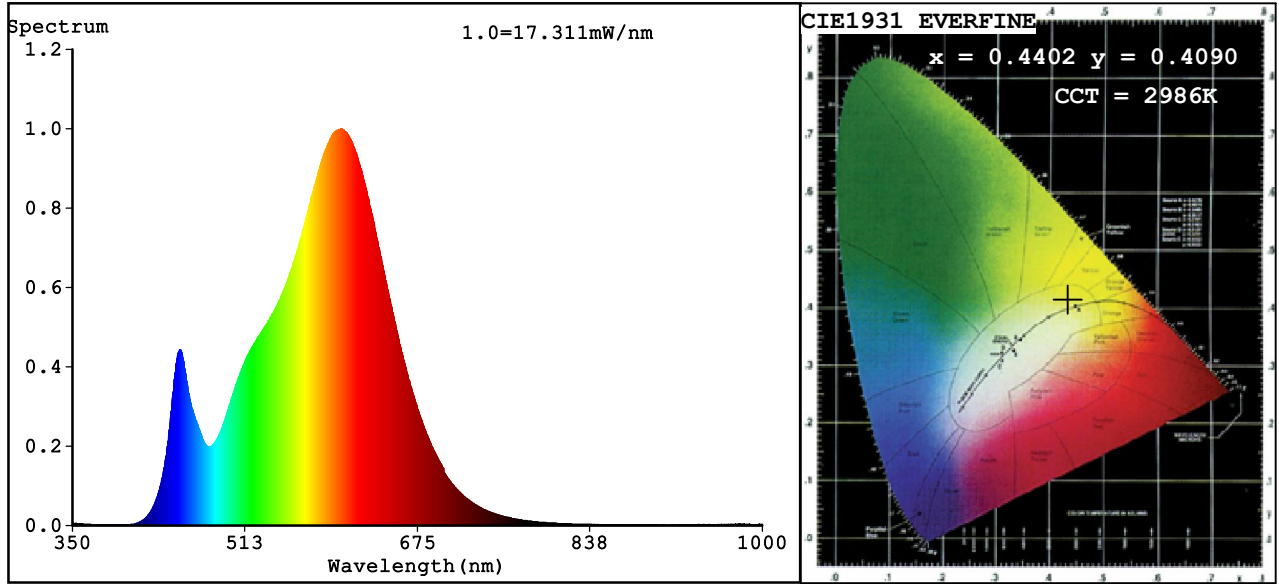
WHITE:ANSI\_3000K

Status: Integral T = 57 ms Ip = 50384 (77%)

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

Number:99XLED585  
Date:2018-04-27 08:39  
Humidity:65.0%  
Remarks:017V068B\_4470

**Spectrum Test Report**



**Color Parameters:**

Chromaticity Coordinate:  $x=0.4402$   $y=0.4090$   $u'=0.2505$   $v'=0.5238$   
 CCT=2986K(Duv=0.0015) Dominant WL:Ld =582.4nm Purity=54.9%  
 Ratio:R=22.8% G=74.7% B=2.6%;;Peak WL:Lp=604.1nm FWHM=123.7nm  
 Render Index:Ra=81.5  
 R1 =80 R2 =90 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 = 840.7 lm Eff. : 80.57 lm/W Fe = 2.521 W

**Electrical parameters:**

V = 229.86 V I = 0.08335 A P = 10.43 W PF = 0.5446

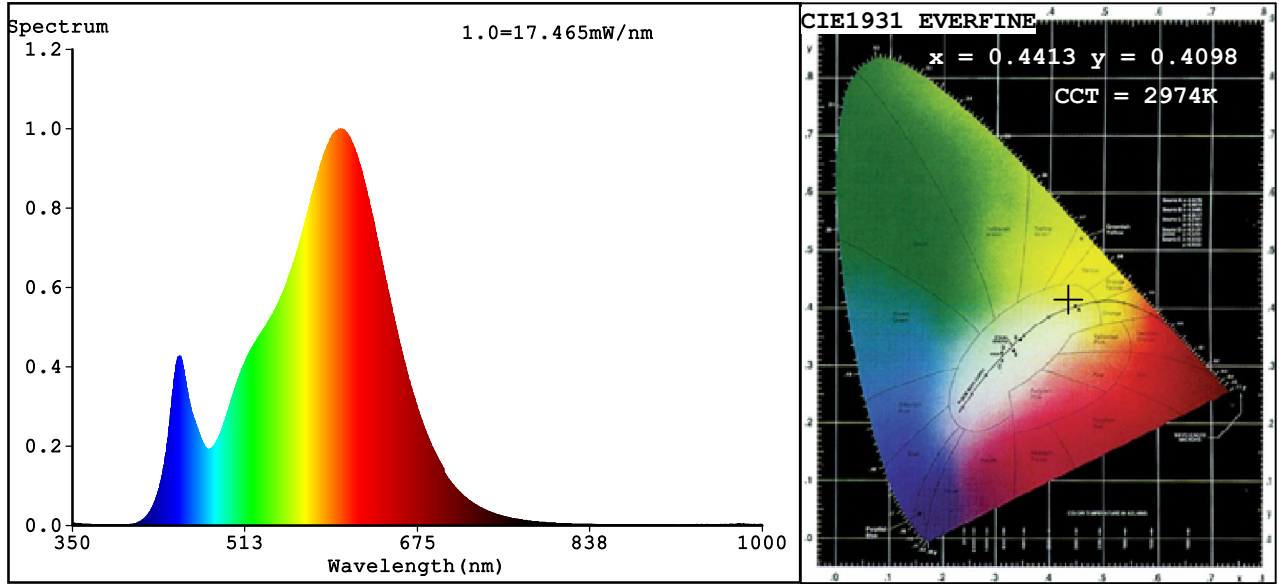
WHITE:ANSI\_3000K

Status: Integral T = 57 ms Ip = 49846 (76%)

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

Number:99XLED585  
 Date:2018-04-27 08:41  
 Humidity:65.0%  
 Remarks:017V068B\_4470

**Spectrum Test Report**



**Color Parameters:**

Chromaticity Coordinate:  $x=0.4413$   $y=0.4098$   $u'=0.2509$   $v'=0.5243$   
 CCT=2974K(Duv=0.0017) Dominant WL:Ld =582.4nm Purity=55.5%  
 Ratio:R=22.8% G=74.7% B=2.5%;;Peak WL:Lp=602.5nm FWHM=123.6nm  
 Render Index:Ra=81.5  
 R1 =79      R2 =90      R3 =96      R4 =79      R5 =80      R6 =88      R7 =82  
 R8 =56      R9 =0      R10=78      R11=78      R12=71      R13=82      R14=98      R15=71

**Photo Parameters:**

Flux = 846.5 lm    Eff. : 81.01 lm/W    Fe = 2.536 W

**Electrical parameters:**

V = 229.88 V      I = 0.08327 A      P = 10.45 W PF = 0.5459

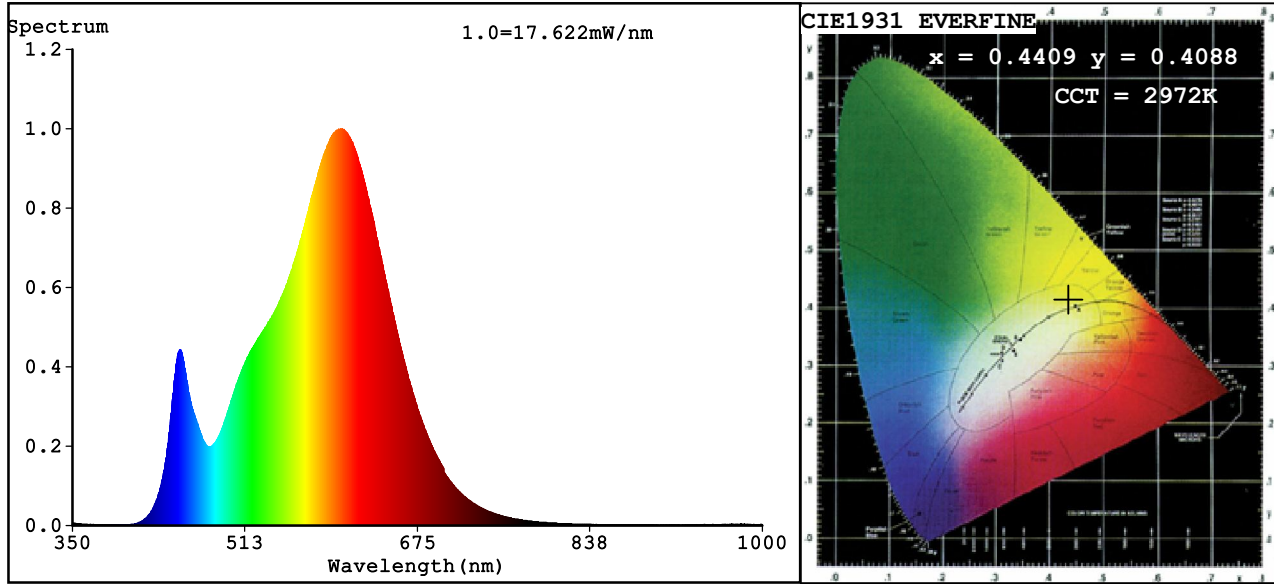
WHITE:ANSI\_3000K

Status: Integral T = 57 ms    Ip = 50250 (77%)

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

Number:99XLED585  
 Date:2018-04-27 08:42  
 Humidity:65.0%  
 Remarks:017V068B\_4470

**Spectrum Test Report**



**Color Parameters:**

Chromaticity Coordinate:  $x=0.4409$   $y=0.4088$   $u'=0.2511$   $v'=0.5238$

CCT=2972K(Duv=0.0013) Dominant WL:Ld =582.5nm Purity=55.1%

Ratio:R=22.9% G=74.6% B=2.6%;;Peak WL:Lp=604.1nm FWHM=122.9nm

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 = 853.0 lm Eff. : 81.18 lm/W Fe = 2.561 W

**Electrical parameters:**

V = 229.87 V I = 0.08389 A P = 10.51 W PF = 0.5449

WHITE:ANSI\_3000K

Status: Integral T = 57 ms Ip = 50724 (77%)

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

Number:99XLED585  
Date:2018-04-27 08:43  
Humidity:65.0%  
Remarks:017V068B\_4470