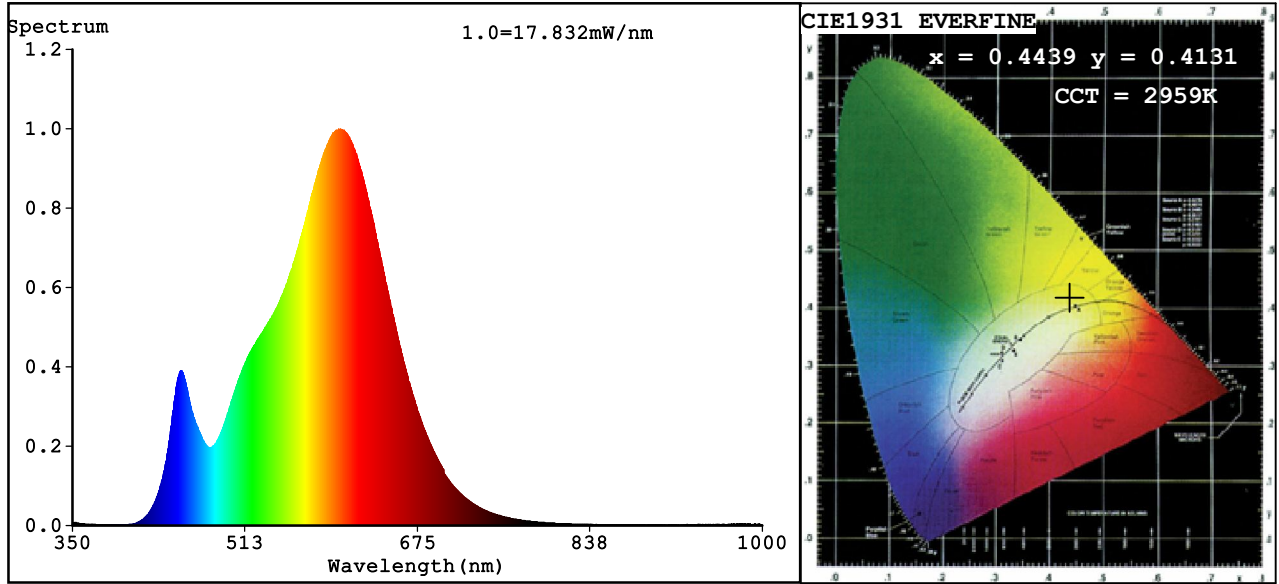


**Spectrum Test Report**



**Color Parameters:**

Chromaticity Coordinate:  $x=0.4439$   $y=0.4131/u'=0.2511$   $v'=0.5259$   
 CCT=2959K(Duv=0.0026) Dominant WL:Ld =582.1nm Purity=57.2%  
 Ratio:R=22.8% G=74.7% B=2.5%;;Peak WL:Lp=600.8nm FWHM=122.6nm  
 Render Index:Ra=81.0  
 R1 =79 R2 =90 R3 =96 R4 =79 R5 =79 R6 =88 R7 =82  
 R8 =55 R9 =0 R10=77 R11=77 R12=70 R13=81 R14=98 R15=70

**Photo Parameters:**

Flux = 863.0 lm Eff. : 75.68 lm/W Fe = 2.568 W

**Electrical parameters:**

V = 229.92 V I = 0.09235 A P = 11.40 W PF = 0.5370

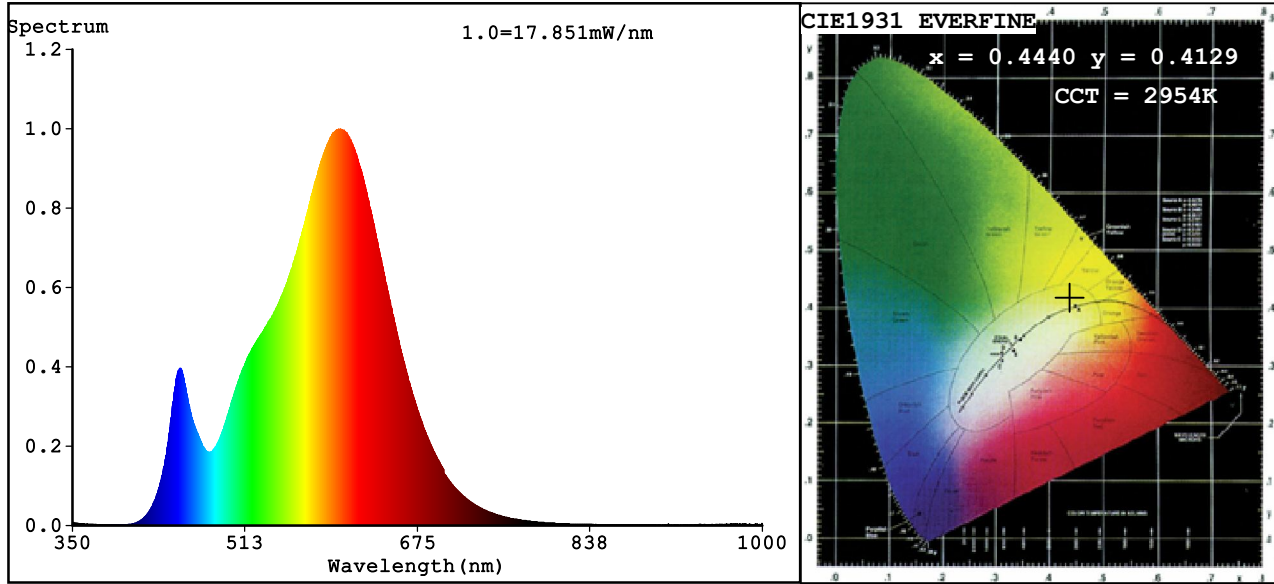
WHITE:ANSI\_3000K

Status: Integral T = 39 ms Ip = 35091 (54%)

Model:LED PEAR A60/12W  
 Tester:Petya Marinova  
 Temperature:25.3Deg  
 Manufacturer:ELMARK

Number:99XLED587  
 Date:2017-12-22 14:38  
 Humidity:65.0%  
 Remarks:017A035\_4234

**Spectrum Test Report**



**Color Parameters:**

Chromaticity Coordinate:  $x=0.4440$   $y=0.4129$   $u'=0.2513$   $v'=0.5258$   
 CCT=2954K(Duv=0.0025) Dominant WL:Ld =582.2nm Purity=57.2%  
 Ratio:R=22.8% G=74.8% B=2.4%;;Peak WL:Lp=602.5nm FWHM=122.8nm  
 Render Index:Ra=80.8  
 R1 =78 R2 =90 R3 =97 R4 =78 R5 =79 R6 =88 R7 =82  
 R8 =55 R9 =0 R10=77 R11=77 R12=70 R13=81 R14=99 R15=70

**Photo Parameters:**

Flux = 864.0 lm Eff. : 75.16 lm/W Fe = 2.571 W

**Electrical parameters:**

V = 229.95 V I = 0.09298 A P = 11.50 W PF = 0.5377

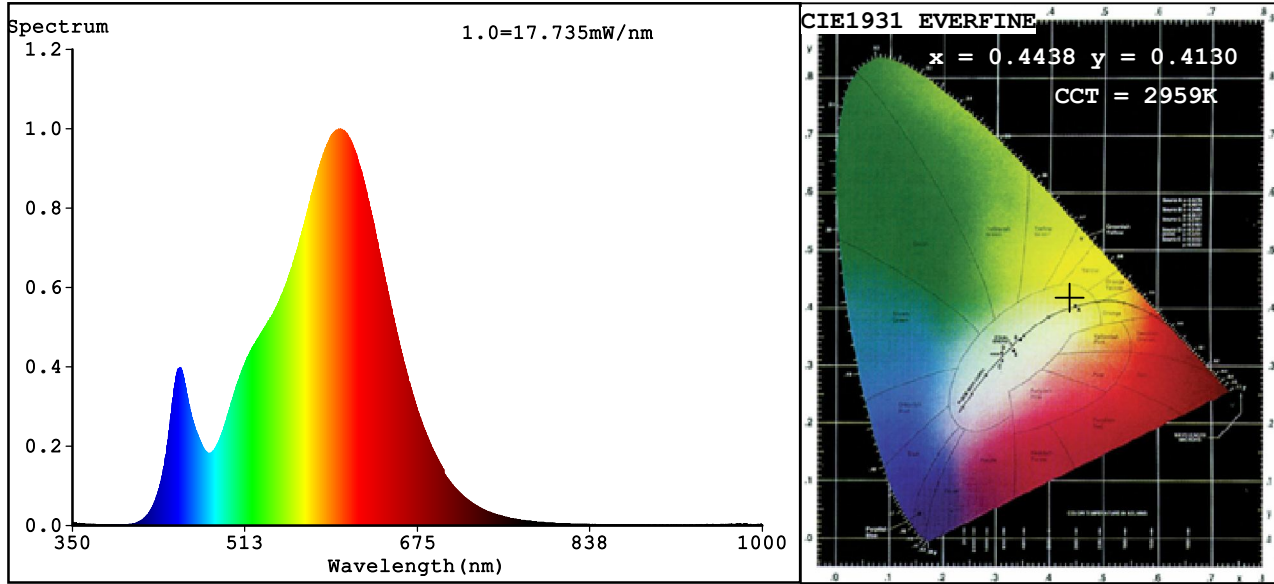
WHITE:ANSI\_3000K

Status: Integral T = 39 ms Ip = 35120 (54%)

Model:LED PEAR A60/12W  
 Tester:Petya Marinova  
 Temperature:25.3Deg  
 Manufacturer:ELMARK

Number:99XLED587  
 Date:2017-12-22 14:40  
 Humidity:65.0%  
 Remarks:017A035\_4234

**Spectrum Test Report**



**Color Parameters:**

Chromaticity Coordinate:  $x=0.4438$   $y=0.4130$   $u'=0.2512$   $v'=0.5259$   
 CCT=2959K(Duv=0.0026) Dominant WL:Ld =582.1nm Purity=57.2%  
 Ratio:R=22.7% G=74.9% B=2.4%;;Peak WL:Lp=600.8nm FWHM=122.9nm  
 Render Index:Ra=80.7

R1 =78	R2 =89	R3 =97	R4 =79	R5 =79	R6 =87	R7 =82	
R8 =55	R9 =0	R10=76	R11=77	R12=69	R13=81	R14=99	R15=70

**Photo Parameters:**

Flux = 859.3 lm Eff. : 75.39 lm/W Fe = 2.553 W

**Electrical parameters:**

V = 229.95 V I = 0.09236 A P = 11.40 W PF = 0.5367

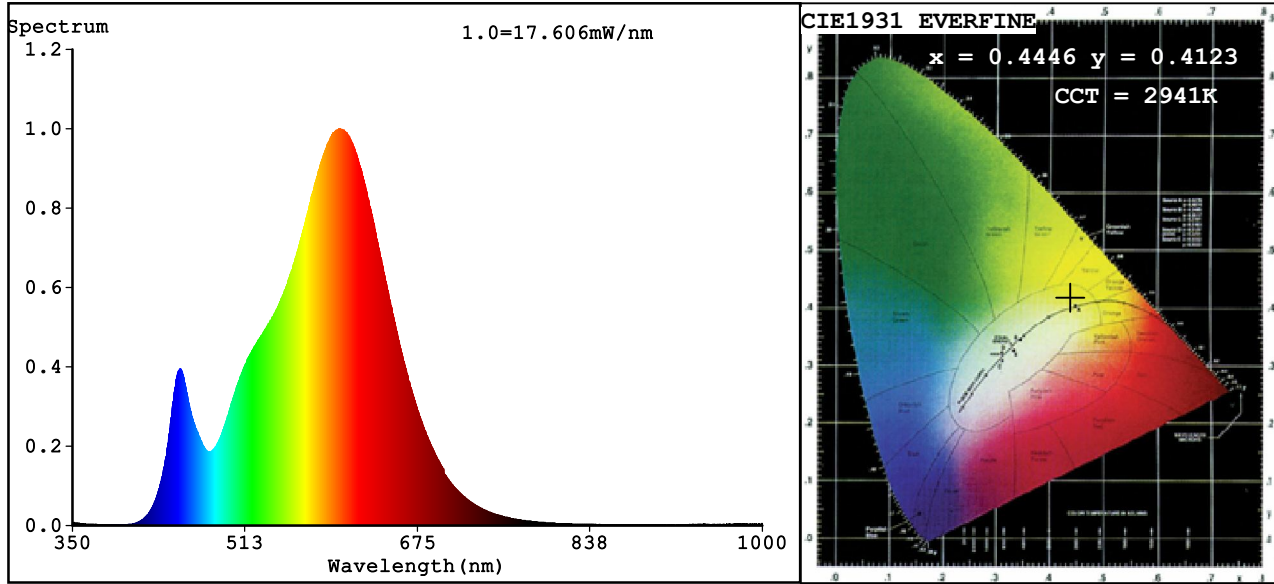
WHITE:ANSI\_3000K

Status: Integral T = 39 ms Ip = 34903 (53%)

Model:LED PEAR A60/12W  
 Tester:Petya Marinova  
 Temperature:25.3Deg  
 Manufacturer:ELMARK

Number:99XLED587  
 Date:2017-12-22 14:41  
 Humidity:65.0%  
 Remarks:017A035\_4234

**Spectrum Test Report**



**Color Parameters:**

Chromaticity Coordinate:  $x=0.4446$   $y=0.4123$   $u'=0.2519$   $v'=0.5257$

CCT=2941K(Duv=0.0022) Dominant WL:Ld =582.3nm Purity=57.2%

Ratio:R=22.9% G=74.7% B=2.4%;;Peak WL:Lp=600.8nm FWHM=121.6nm

Render Index:Ra=80.8

R1 =79	R2 =90	R3 =96	R4 =78	R5 =79	R6 =88	R7 =82	
R8 =55	R9 =0	R10=77	R11=77	R12=70	R13=81	R14=98	R15=70

**Photo Parameters:**

Flux = 848.9 lm Eff. : 74.87 lm/W Fe = 2.531 W

**Electrical parameters:**

V = 229.96 V I = 0.09161 A P = 11.34 W PF = 0.5383

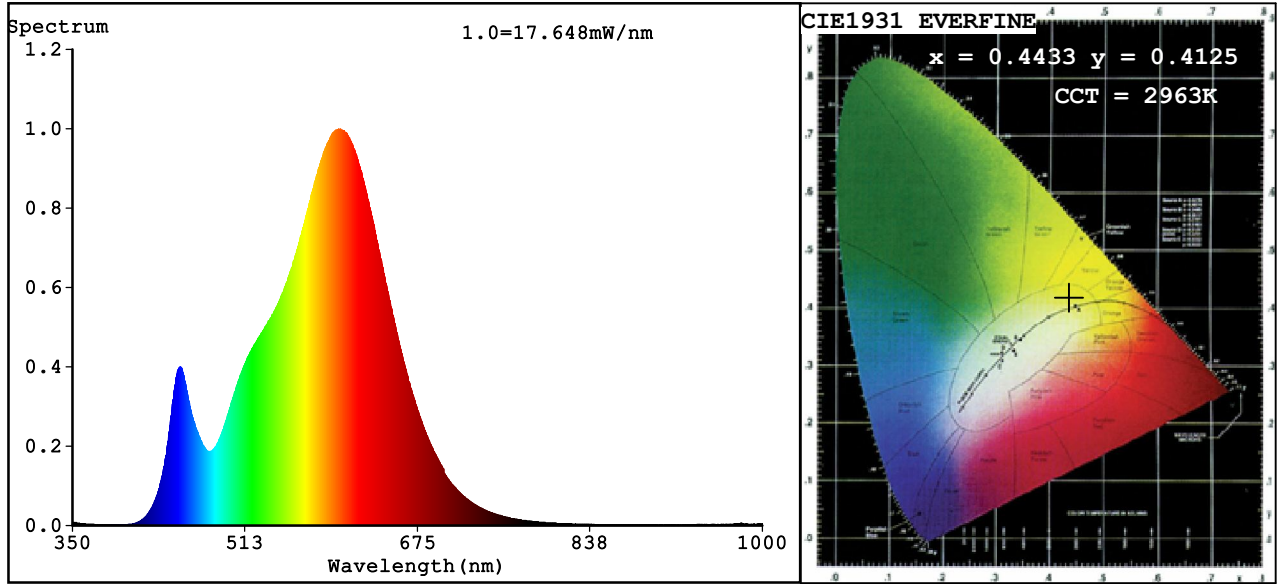
WHITE:ANSI\_3000K

Status: Integral T = 39 ms Ip = 34654 (53%)

Model:LED PEAR A60/12W  
Tester:Petya Marinova  
Temperature:25.3Deg  
Manufacturer:ELMARK

Number:99XLED587  
Date:2017-12-22 14:42  
Humidity:65.0%  
Remarks:017A035\_4234

**Spectrum Test Report**



**Color Parameters:**

Chromaticity Coordinate:  $x=0.4433$   $y=0.4125$   $u'=0.2510$   $v'=0.5256$   
 CCT=2963K(Duv=0.0025) Dominant WL:Ld =582.2nm Purity=56.9%  
 Ratio:R=22.7% G=74.9% B=2.4%;;Peak WL:Lp=600.8nm FWHM=123.0nm  
 Render Index:Ra=80.7  
 R1 =78 R2 =89 R3 =97 R4 =78 R5 =78 R6 =87 R7 =82  
 R8 =55 R9 =0 R10=76 R11=77 R12=69 R13=81 R14=99 R15=70

**Photo Parameters:**

Flux = 855.6 lm Eff. : 74.36 lm/W Fe = 2.546 W

**Electrical parameters:**

V = 229.94 V I = 0.09332 A P = 11.51 W PF = 0.5362

WHITE:ANSI\_3000K

Status: Integral T = 39 ms Ip = 34685 (53%)

Model:LED PEAR A60/12W  
 Tester:Petya Marinova  
 Temperature:25.3Deg  
 Manufacturer:ELMARK

Number:99XLED587  
 Date:2017-12-22 14:44  
 Humidity:65.0%  
 Remarks:017A035\_4234