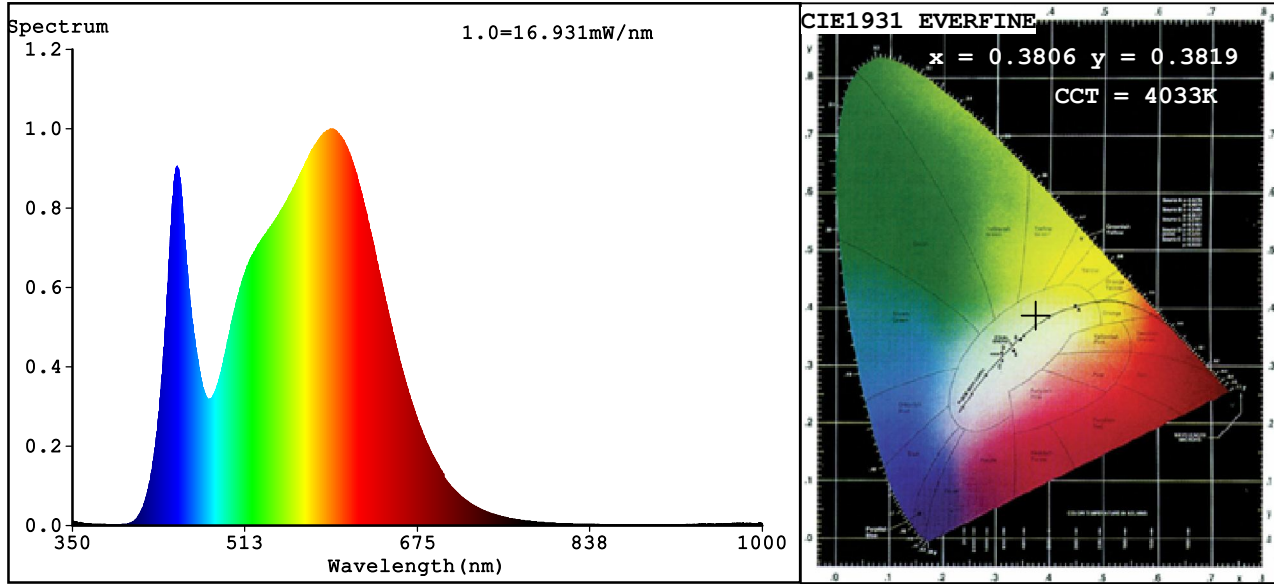


Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3806$ $y=0.3819$ $u'=0.2232$ $v'=0.5038$
 CCT=4033K(Duv=0.0023) Dominant WL:Ld =577.7nm Purity=28.8%
 Ratio:R=18.1% G=78.3% B=3.6%;;Peak WL:Lp=592.8nm FWHM=151.5nm
 Render Index:Ra=83.2
 R1 =81 R2 =89 R3 =95 R4 =83 R5 =81 R6 =85 R7 =87
 R8 =65 R9 =7 R10=74 R11=82 R12=66 R13=83 R14=97 R15=74

Photo Parameters:

Flux = 984.8 lm Eff. : 84.53 lm/W Fe = 2.993 W

Electrical parameters:

V = 229.95 V I = 0.09332 A P = 11.65 W PF = 0.5429

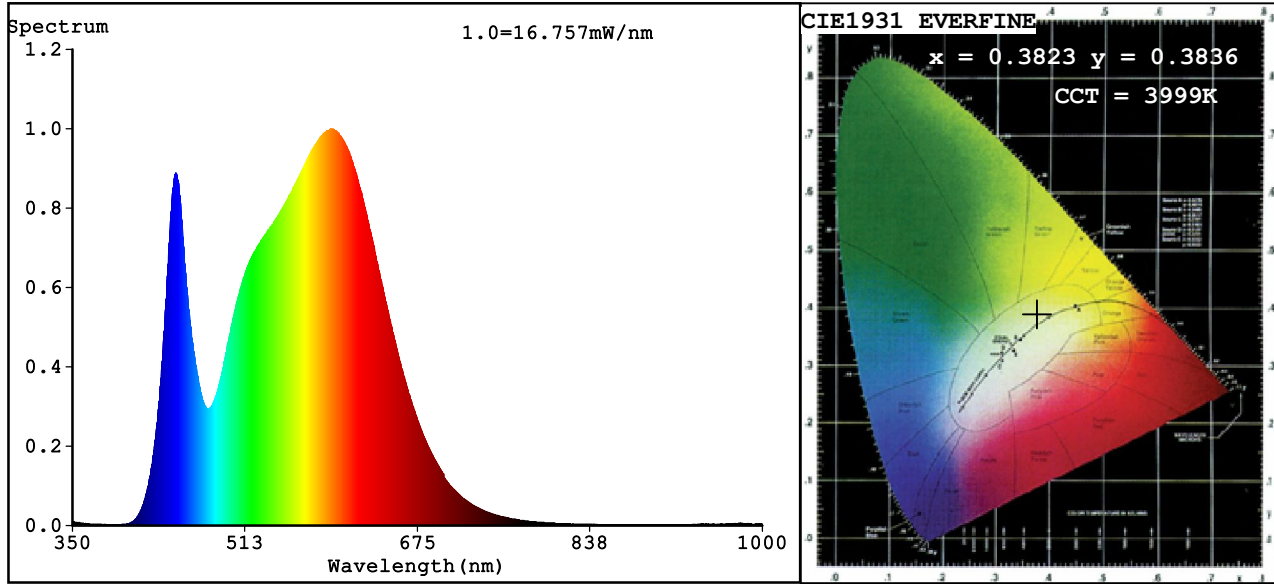
WHITE:ANSI_4000K

Status: Integral T = 48 ms Ip = 41290 (63%)

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

Number:99XLED588
 Date:2018-04-26 13:07
 Humidity:65.0%
 Remarks:017A045_4393

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3823$ $y=0.3836$ $u'=0.2236$ $v'=0.5048$
 CCT=3999K(Duv=0.0026) Dominant WL:Ld =577.8nm Purity=29.8%
 Ratio:R=18.1% G=78.4% B=3.5%;; Peak WL:Lp=595.5nm FWHM=151.0nm
 Render Index:Ra=82.6
 R1 =80 R2 =88 R3 =95 R4 =83 R5 =81 R6 =84 R7 =87
 R8 =64 R9 =5 R10=72 R11=82 R12=66 R13=82 R14=97 R15=74

Photo Parameters:

Flux = 972.8 lm Eff. : 84.49 lm/W Fe = 2.944 W

Electrical parameters:

V = 229.95 V I = 0.09227 A P = 11.51 W PF = 0.5427

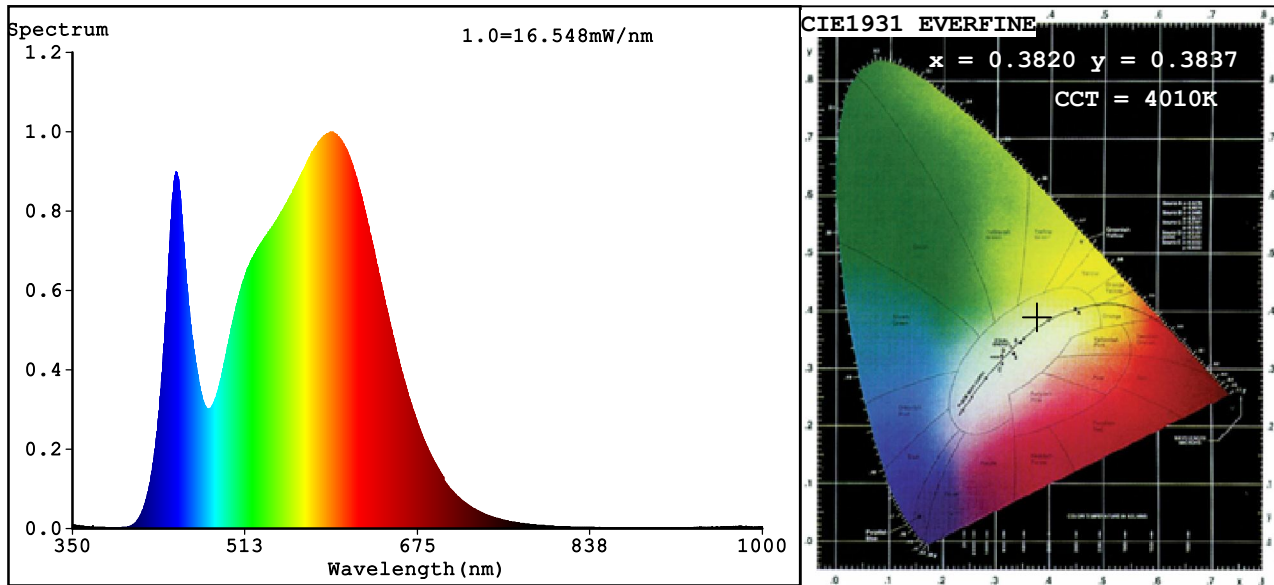
WHITE:ANSI_4000K

Status: Integral T = 48 ms Ip = 40889 (62%)

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

Number:99XLED588
 Date:2018-04-26 13:08
 Humidity:65.0%
 Remarks:017A045_4393

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3820$ $y=0.3837/u'=0.2233$ $v'=0.5048$

CCT=4010K(Duv=0.0028) Dominant WL:Ld =577.6nm Purity=29.8%

Ratio:R=18.0% G=78.4% B=3.5%;;Peak WL:Lp=595.5nm FWHM=151.2nm

Render Index:Ra=82.7

R1 =80 R2 =88 R3 =95 R4 =82 R5 =81 R6 =84 R7 =87

R8 =64 R9 =6 R10=72 R11=82 R12=66 R13=82 R14=97 R15=74

Photo Parameters:

Flux = 962.2 lm Eff. : 84.57 lm/W Fe = 2.911 W

Electrical parameters:

V = 229.93 V I = 0.09153 A P = 11.38 W PF = 0.5406

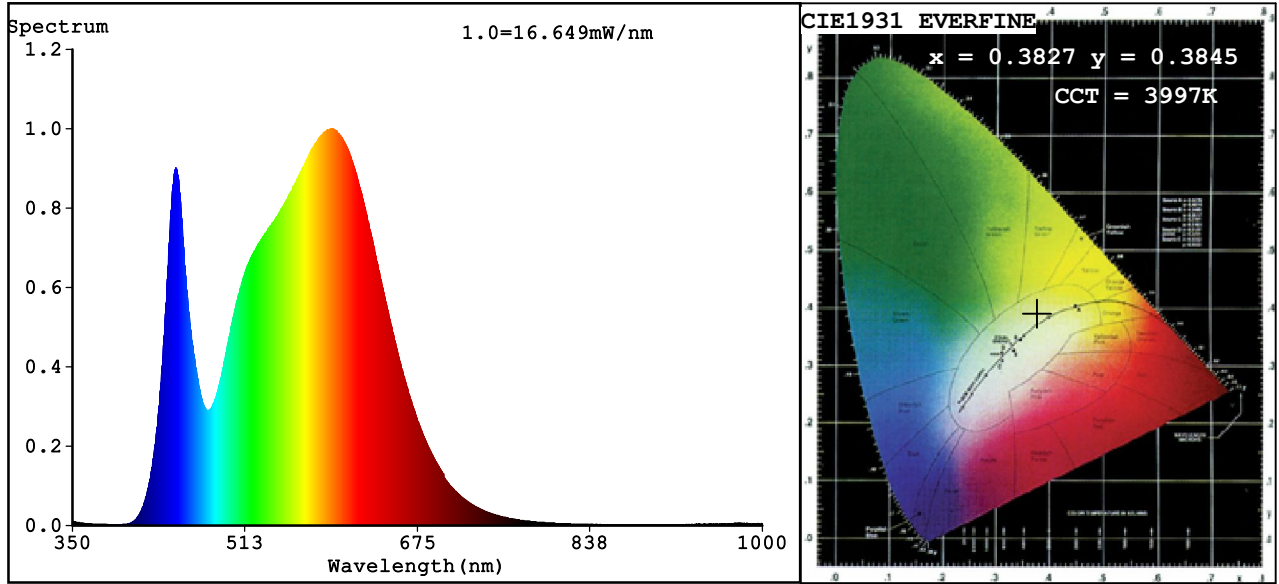
WHITE:ANSI_4000K

Status: Integral T = 48 ms Ip = 40382 (62%)

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

Number:99XLED588
Date:2018-04-26 13:09
Humidity:65.0%
Remarks:017A045_4393

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3827$ $y=0.3845$ $u'=0.2235$ $v'=0.5053$
 CCT=3997K(Duv=0.0030) Dominant WL:Ld =577.6nm Purity=30.3%
 Ratio:R=18.0% G=78.5% B=3.5%;;Peak WL:Lp=595.5nm FWHM=151.0nm
 Render Index:Ra=82.5
 R1 =80 R2 =88 R3 =94 R4 =82 R5 =81 R6 =84 R7 =86
 R8 =64 R9 =5 R10=71 R11=82 R12=65 R13=82 R14=97 R15=73

Photo Parameters:

Flux = 968.5 lm Eff. : 84.88 lm/W Fe = 2.925 W

Electrical parameters:

V = 229.95 V I = 0.09173 A P = 11.41 W PF = 0.5410

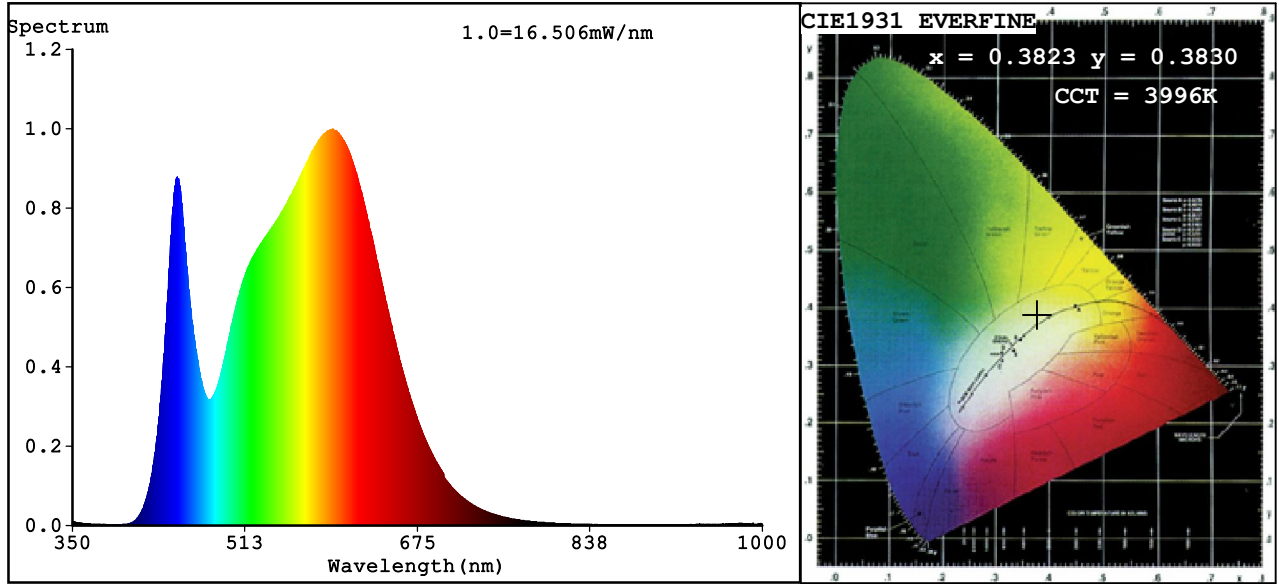
WHITE:ANSI_4000K

Status: Integral T = 48 ms Ip = 40668 (62%)

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

Number:99XLED588
 Date:2018-04-26 13:10
 Humidity:65.0%
 Remarks:017A045_4393

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3823$ $y=0.3830$ / $u'=0.2238$ $v'=0.5046$
 CCT=3996K (Duv=0.0024) Dominant WL:Ld =577.9nm Purity=29.7%
 Ratio:R=18.2% G=78.2% B=3.6%;; Peak WL:Lp=595.5nm FWHM=151.4nm
 Render Index:Ra=83.3
 R1 =81 R2 =89 R3 =95 R4 =83 R5 =82 R6 =85 R7 =87
 R8 =65 R9 =7 R10=74 R11=82 R12=66 R13=83 R14=98 R15=74

Photo Parameters:

Flux = 955.1 lm Eff. : 83.17 lm/W Fe = 2.898 W

Electrical parameters:

V = 229.94 V I = 0.09197 A P = 11.48 W PF = 0.5430

WHITE:ANSI_4000K

Status: Integral T = 48 ms Ip = 40193 (61%)

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

Number:99XLED588
 Date:2018-04-26 13:12
 Humidity:65.0%
 Remarks:017A045_4393