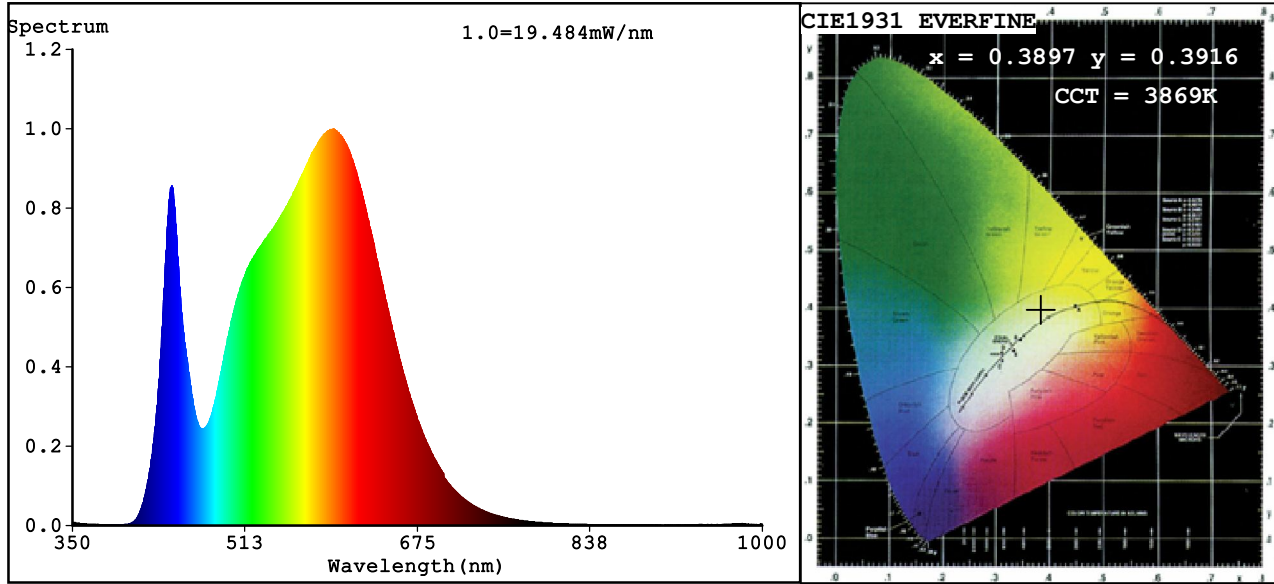


Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3897$ $y=0.3916$ $u'=0.2253$ $v'=0.5093$
 CCT=3869K(Duv=0.0042) Dominant WL:Ld =577.7nm Purity=34.5%
 Ratio:R=18.4% G=78.4% B=3.3%;;Peak WL:Lp=596.4nm FWHM=152.6nm
 Render Index:Ra=82.2
 R1 =80 R2 =87 R3 =94 R4 =83 R5 =81 R6 =84 R7 =86
 R8 =63 R9 =3 R10=70 R11=83 R12=69 R13=81 R14=97 R15=72

Photo Parameters:

Flux = 1121 lm Eff. : 94.72 lm/W Fe = 3.360 W

Electrical parameters:

V = 229.85 V I = 0.09072 A P = 11.83 W PF = 0.5674

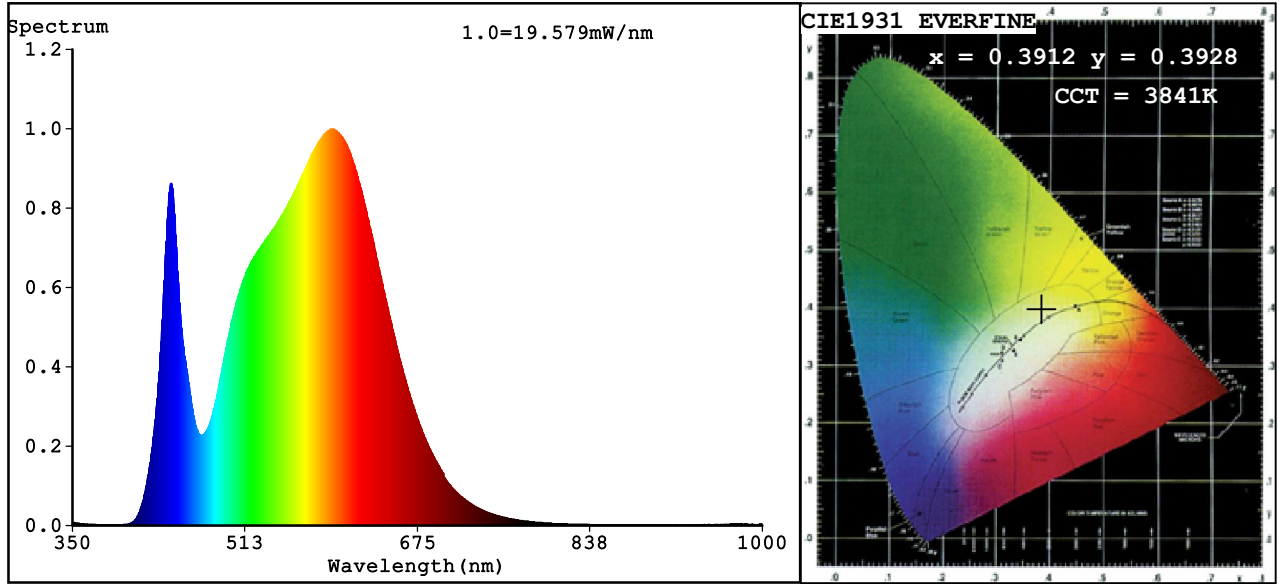
WHITE:ANSI_4000K

Status: Integral T = 52 ms Ip = 51312 (78%)

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

Number:99LED588
 Date:2017-11-02 15:43
 Humidity:65.0%
 Remarks:017V038B_4096

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3912$ $y=0.3928$ $u'=0.2258$ $v'=0.5101$
 CCT=3841K(Duv=0.0043) Dominant WL:Ld =577.7nm Purity=35.3%
 Ratio:R=18.4% G=78.4% B=3.2%;;Peak WL:Lp=595.5nm FWHM=152.6nm
 Render Index:Ra=82.0
 R1 =79 R2 =87 R3 =94 R4 =83 R5 =80 R6 =83 R7 =86
 R8 =63 R9 =3 R10=70 R11=83 R12=69 R13=81 R14=97 R15=72

Photo Parameters:

Flux = 1123 lm Eff. : 93.97 lm/W Fe = 3.365 W

Electrical parameters:

V = 229.85 V I = 0.09154 A P = 11.95 W PF = 0.5682

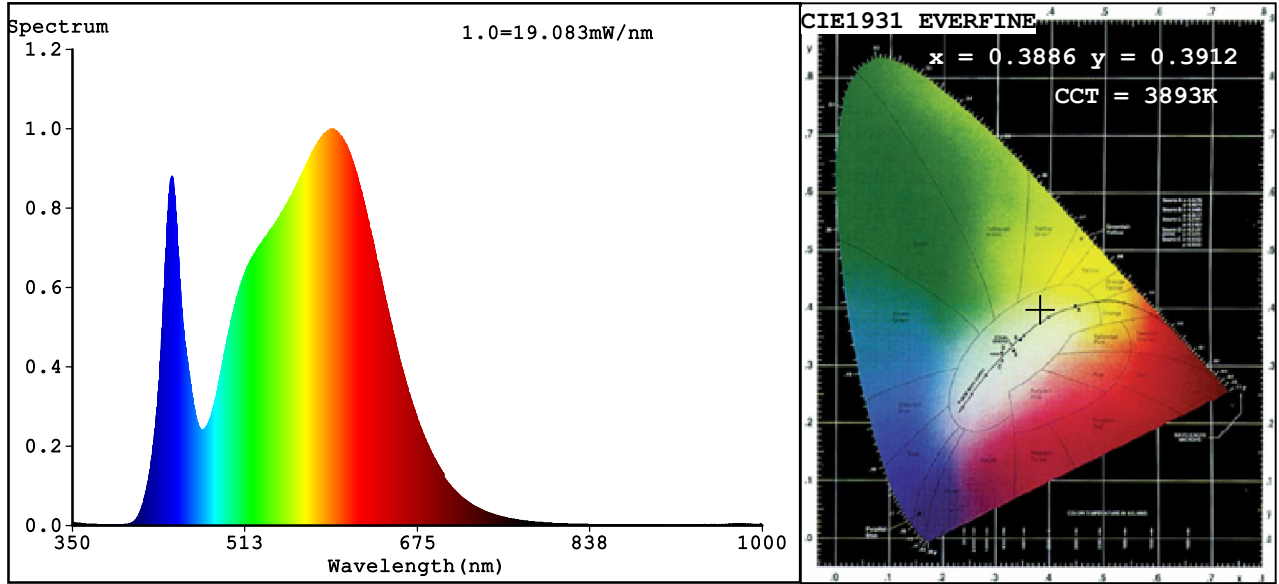
WHITE:ANSI_4000K

Status: Integral T = 52 ms Ip = 51556 (79%)

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

Number:99LED588
 Date:2017-11-02 15:45
 Humidity:65.0%
 Remarks:017V038B_4096

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3886$ $y=0.3912$ / $u'=0.2248$ $v'=0.5090$
CCT=3893K (Duv=0.0043) Dominant WL:Ld =577.5nm Purity=34.0%
Ratio:R=18.3% G=78.4% B=3.3%;; Peak WL:Lp=595.5nm FWHM=152.7nm
Render Index:Ra=82.1
R1 =80 R2 =87 R3 =94 R4 =83 R5 =80 R6 =83 R7 =86
R8 =63 R9 =3 R10=70 R11=83 R12=68 R13=81 R14=97 R15=72

Photo Parameters:

Flux = 1101 lm Eff. : 92.69 lm/W Fe = 3.300 W

Electrical parameters:

V = 230.02 V I = 0.09131 A P = 11.88 W PF = 0.5655

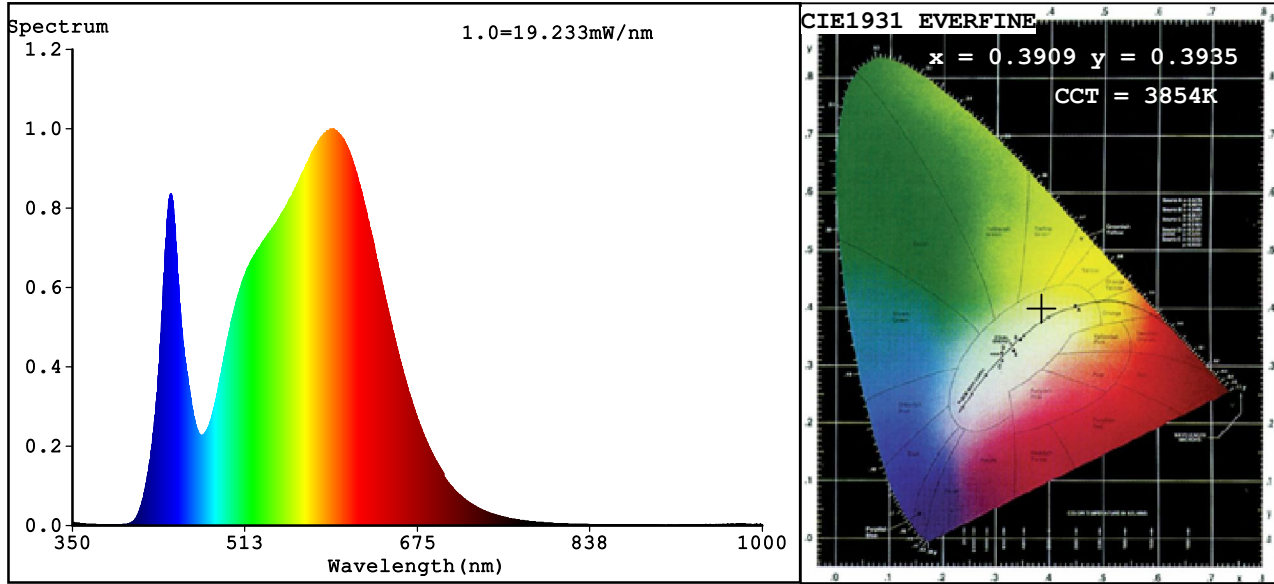
WHITE:ANSI_4000K

Status: Integral T = 52 ms Ip = 50330 (77%)

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

Number:99LED588
Date:2017-11-02 15:46
Humidity:65.0%
Remarks:017V038B_4096

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3909$ $y=0.3935$ $u'=0.2253$ $v'=0.5103$

CCT=3854K(Duv=0.0047) Dominant WL:Ld =577.5nm Purity=35.4%

Ratio:R=18.3% G=78.5% B=3.2%;;Peak WL:Lp=592.8nm FWHM=152.4nm

Render Index:Ra=81.8

R1 =79 R2 =86 R3 =94 R4 =83 R5 =80 R6 =83 R7 =86

R8 =63 R9 =1 R10=69 R11=83 R12=69 R13=80 R14=97 R15=71

Photo Parameters:

Flux = 1107 lm Eff. : 93.02 lm/W Fe = 3.311 W

Electrical parameters:

V = 230.02 V I = 0.09147 A P = 11.90 W PF = 0.5655

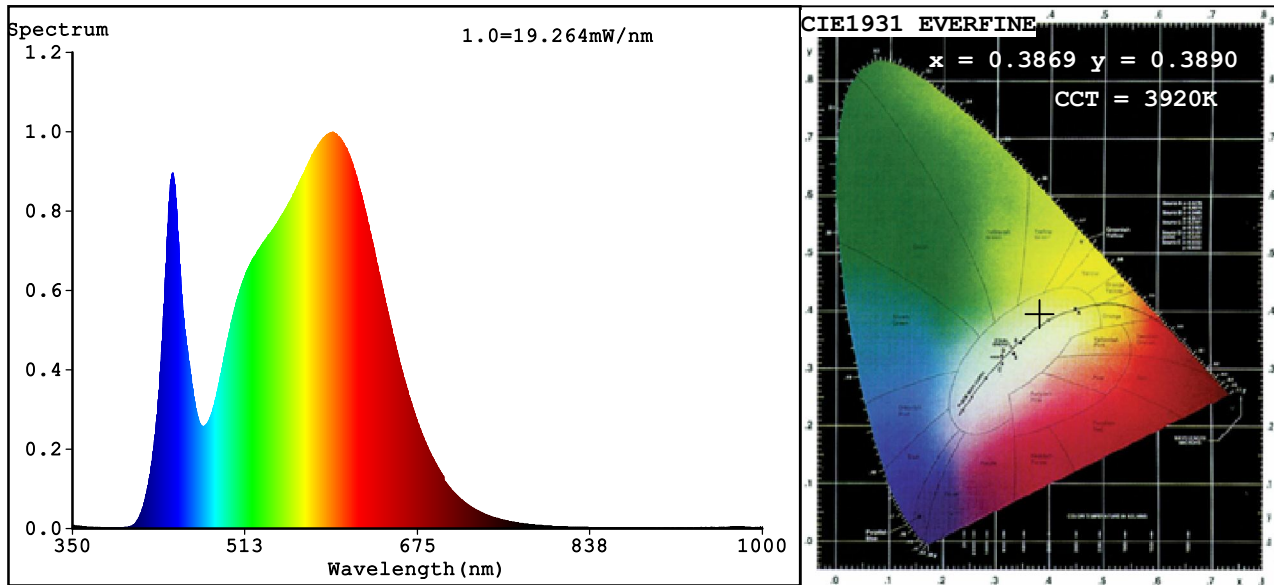
WHITE:ANSI_4000K

Status: Integral T = 52 ms Ip = 50713 (77%)

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

Number:99LED588
Date:2017-11-02 15:47
Humidity:65.0%
Remarks:017V038B_4096

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3869$ $y=0.3890$ / $u'=0.2245$ $v'=0.5078$
 CCT=3920K (Duv=0.0038) Dominant WL:Ld =577.6nm Purity=32.9%
 Ratio:R=18.2% G=78.4% B=3.4%;; Peak WL:Lp=595.5nm FWHM=152.8nm
 Render Index:Ra=82.4
 R1 =80 R2 =87 R3 =94 R4 =83 R5 =81 R6 =84 R7 =86
 R8 =64 R9 =4 R10=71 R11=83 R12=68 R13=81 R14=97 R15=73

Photo Parameters:

Flux = 1112 lm Eff. : 92.17 lm/W Fe = 3.343 W

Electrical parameters:

V = 230.02 V I = 0.09226 A P = 12.06 W PF = 0.5684

WHITE:ANSI_4000K

Status: Integral T = 52 ms Ip = 50724 (77%)

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

Number:99LED588
 Date:2017-11-02 15:49
 Humidity:65.0%
 Remarks:017V038B_4096