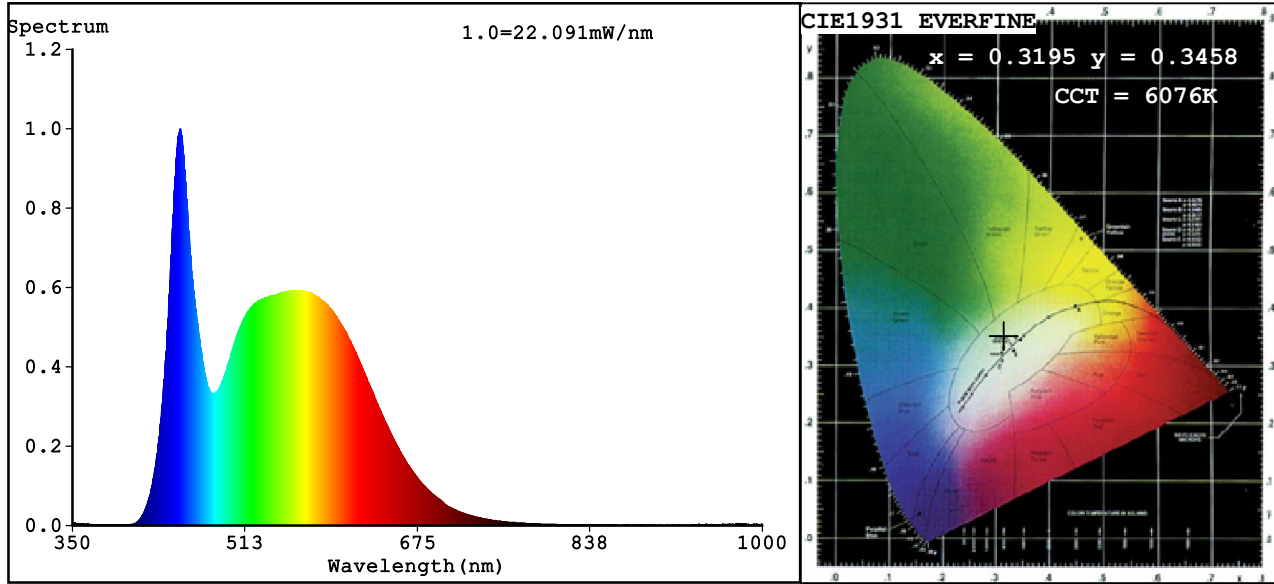


Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3195$ $y=0.3458$ $u'=0.1963$ $v'=0.4780$

CCT=6076K(Duv=0.0083) Dominant WL:Ld =503.9nm Purity=4.2%

Ratio:R=13.4% G=81.1% B=5.5%;;Peak WL:Lp=451.3nm FWHM=28.6nm

Render Index:Ra=82.4

R1 =79 R2 =87 R3 =93 R4 =81 R5 =80 R6 =84 R7 =88

R8 =67 R9 =0 R10=71 R11=80 R12=61 R13=81 R14=97 R15=73

Photo Parameters:

Flux = 855.2 lm Eff. : 82.54 lm/W Fe = 2.700 W

Electrical parameters:

V = 229.94 V I = 0.08261 A P = 10.36 W PF = 0.5455

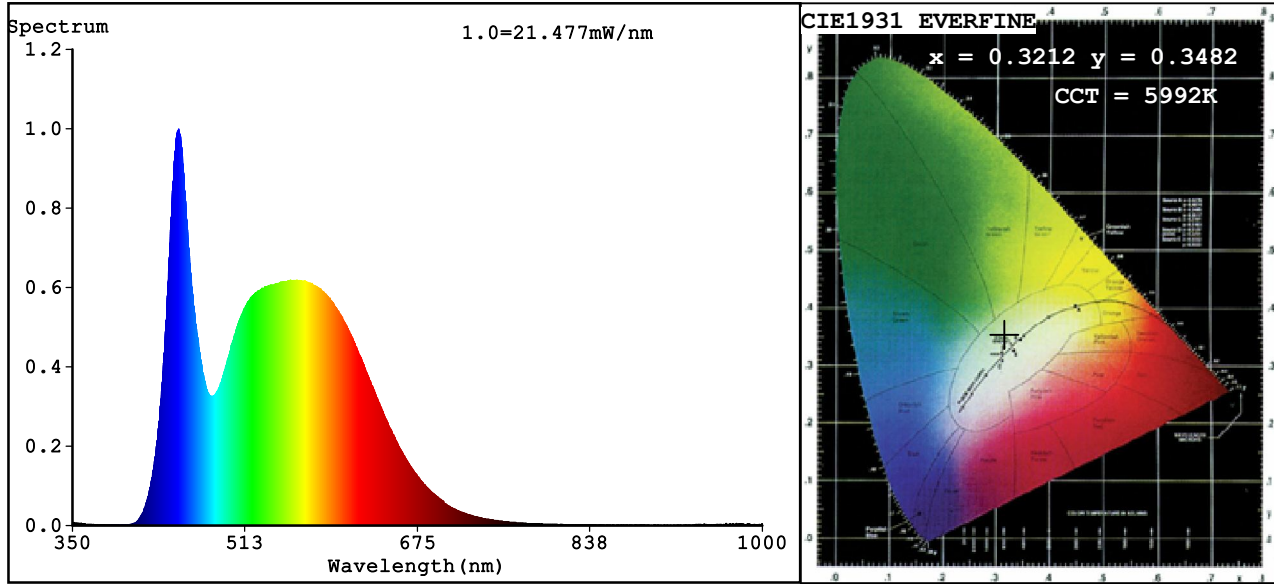
WHITE:ANSI_6500K

Status: Integral T = 53 ms Ip = 51074 (78%)

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

Number:99XLED795
Date:2018-03-23 13:43
Humidity:65.0%
Remarks:017V055B_4288

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3212$ $y=0.3482$ $u'=0.1965$ $v'=0.4795$

CCT=5992K(Duv=0.0087) Dominant WL:Ld =508.8nm Purity=3.8%

Ratio:R=13.4% G=81.3% B=5.3%;;Peak WL:Lp=449.9nm FWHM=28.5nm

Render Index:Ra=81.7

R1 =78 R2 =86 R3 =93 R4 =81 R5 =80 R6 =82 R7 =88

R8 =66 R9 =0 R10=68 R11=80 R12=61 R13=80 R14=96 R15=72

Photo Parameters:

Flux = 865.1 lm Eff. : 82.75 lm/W Fe = 2.715 W

Electrical parameters:

V = 229.90 V I = 0.08309 A P = 10.45 W PF = 0.5473

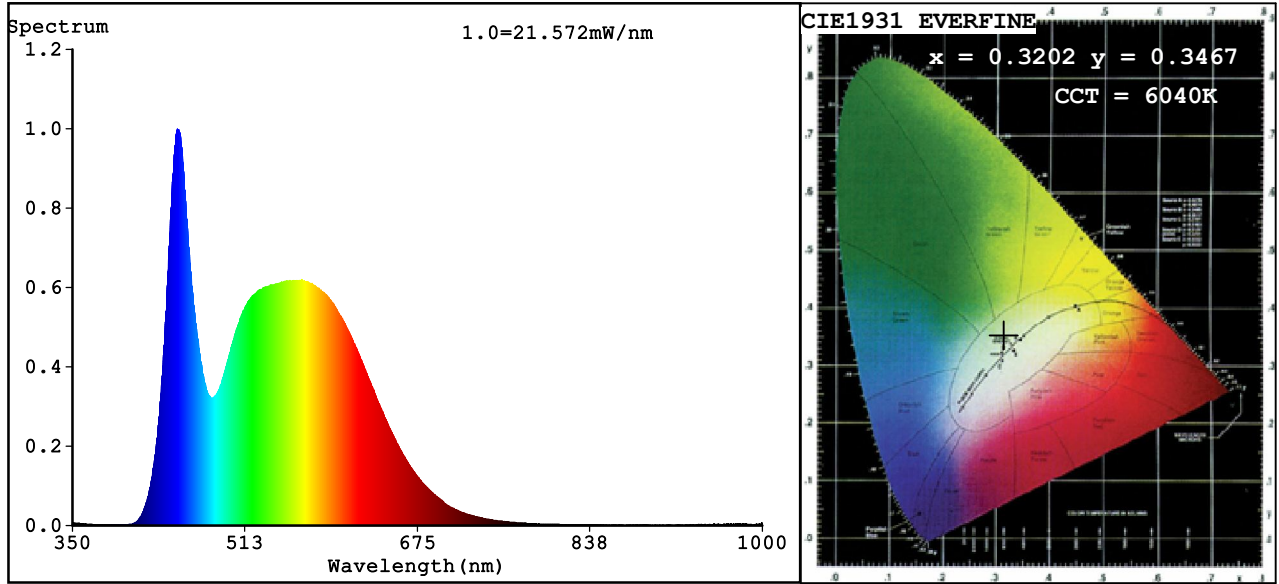
WHITE:OUT

Status: Integral T = 53 ms Ip = 49510 (76%)

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

Number:99XLED795
Date:2018-03-23 13:48
Humidity:65.0%
Remarks:017V055B_4288

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3202$ $y=0.3467$ / $u'=0.1964$ $v'=0.4786$
 CCT=6040K (Duv=0.0084) Dominant WL:Ld =505.6nm Purity=4.0%
 Ratio:R=13.3% G=81.4% B=5.3%;; Peak WL:Lp=448.9nm FWHM=29.1nm
 Render Index:Ra=81.6
 R1 =78 R2 =86 R3 =92 R4 =81 R5 =80 R6 =82 R7 =88
 R8 =66 R9 =0 R10=67 R11=80 R12=61 R13=80 R14=96 R15=72

Photo Parameters:

Flux = 867.5 lm Eff. : 83.56 lm/W Fe = 2.727 W

Electrical parameters:

V = 229.94 V I = 0.08268 A P = 10.38 W PF = 0.5461

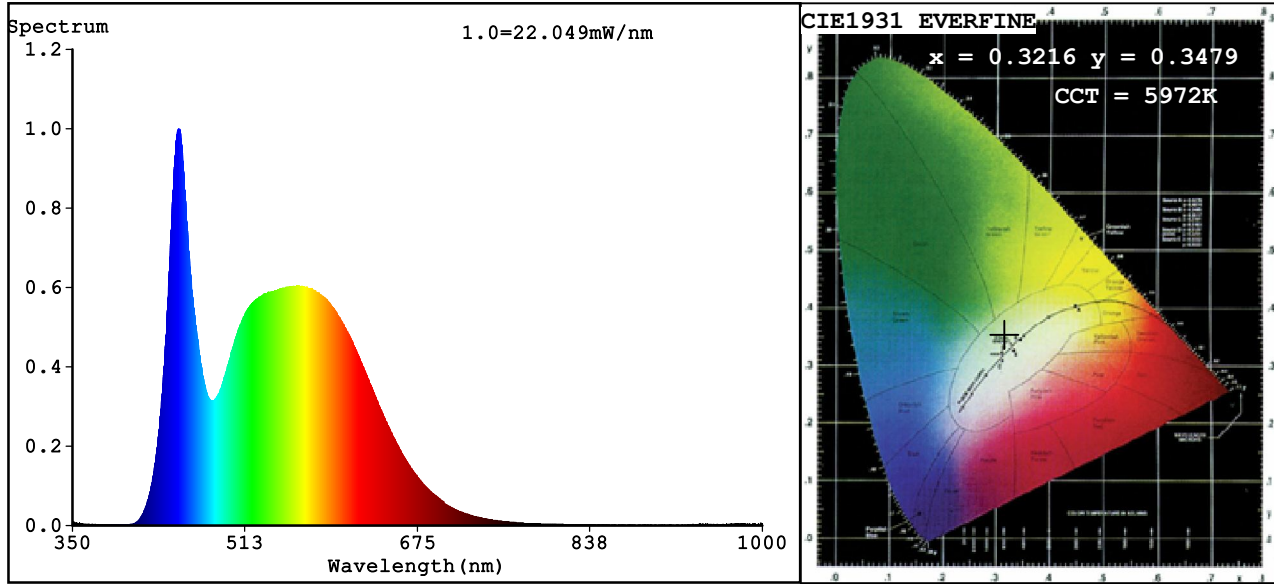
WHITE:ANSI_6500K

Status: Integral T = 53 ms Ip = 49693 (76%)

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

Number:99XLED795
 Date:2018-03-23 13:49
 Humidity:65.0%
 Remarks:017V055B_4288

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3216$ $y=0.3479$ $u'=0.1970$ $v'=0.4794$
 CCT=5972K(Duv=0.0084) Dominant WL:Ld =509.0nm Purity=3.6%
 Ratio:R=13.4% G=81.3% B=5.3%;;Peak WL:Lp=450.0nm FWHM=27.6nm
 Render Index:Ra=81.8
 R1 =78 R2 =86 R3 =93 R4 =81 R5 =80 R6 =82 R7 =88
 R8 =66 R9 =0 R10=68 R11=80 R12=61 R13=80 R14=96 R15=72

Photo Parameters:

Flux = 866.0 lm Eff. : 82.24 lm/W Fe = 2.718 W

Electrical parameters:

V = 229.95 V I = 0.08383 A P = 10.53 W PF = 0.5463

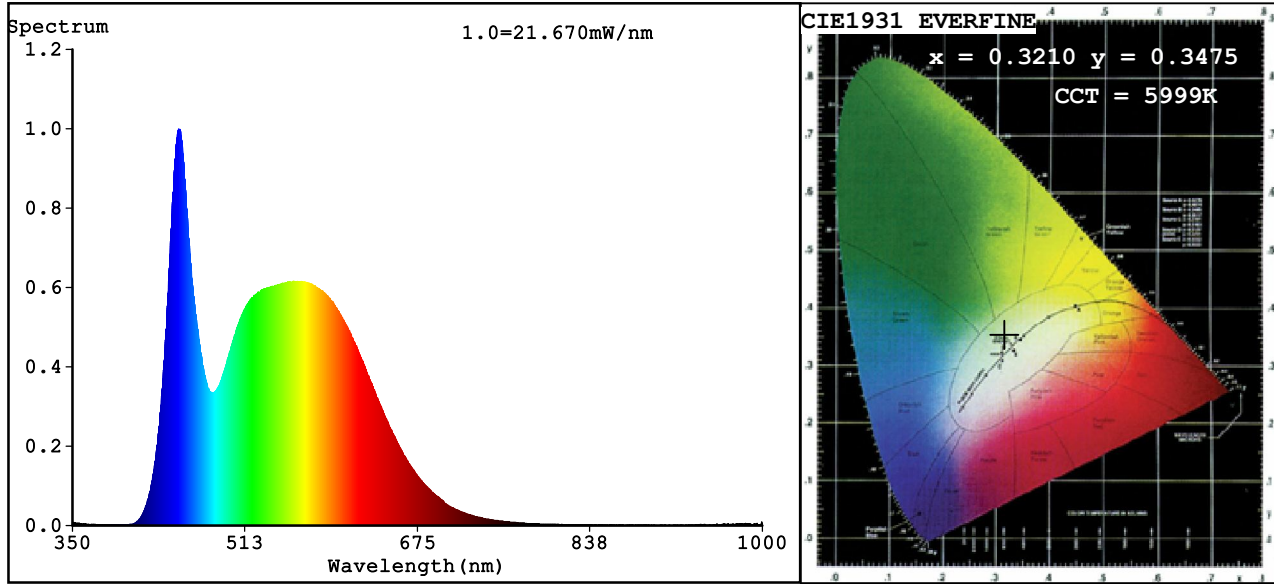
WHITE:OUT

Status: Integral T = 53 ms Ip = 51075 (78%)

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

Number:99XLED795
 Date:2018-03-23 13:51
 Humidity:65.0%
 Remarks:017V055B_4288

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3210$ $y=0.3475$ $u'=0.1967$ $v'=0.4791$
 CCT=5999K(Duv=0.0085) Dominant WL:Ld =507.7nm Purity=3.8%
 Ratio:R=13.4% G=81.2% B=5.4%;; Peak WL:Lp=449.9nm FWHM=29.2nm
 Render Index:Ra=82.2
 R1 =79 R2 =87 R3 =93 R4 =81 R5 =80 R6 =83 R7 =88
 R8 =66 R9 =0 R10=70 R11=80 R12=62 R13=81 R14=96 R15=72

Photo Parameters:

Flux = 871.0 lm Eff. : 82.75 lm/W Fe = 2.741 W

Electrical parameters:

V = 229.96 V I = 0.08345 A P = 10.53 W PF = 0.5485

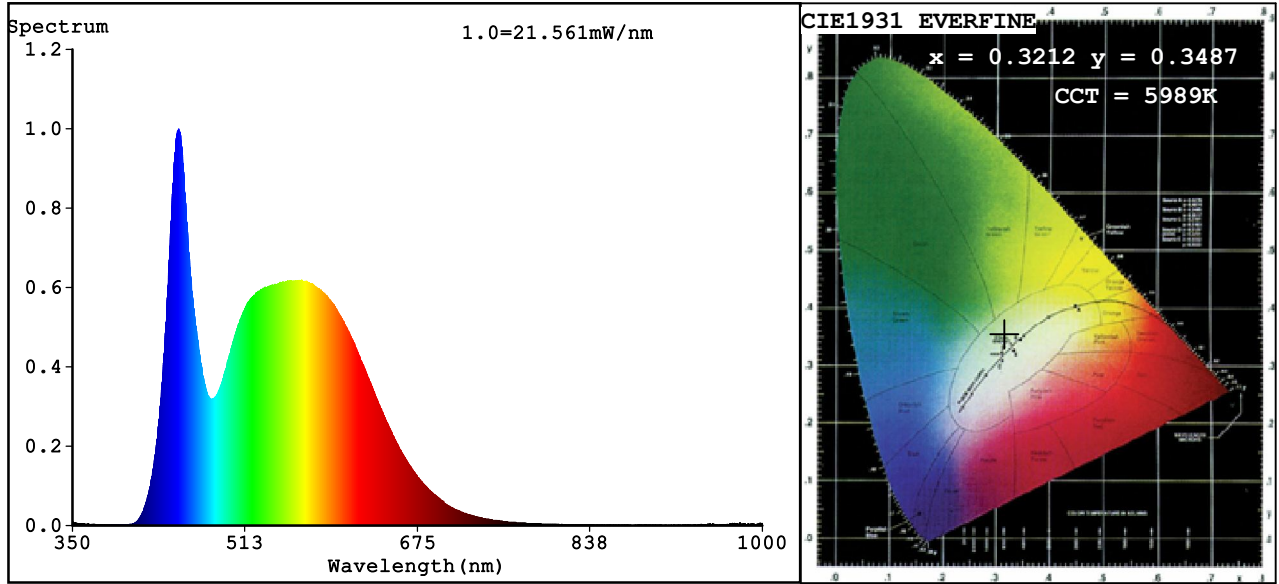
WHITE:OUT

Status: Integral T = 53 ms Ip = 50124 (76%)

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

Number:99XLED795
 Date:2018-03-23 13:53
 Humidity:65.0%
 Remarks:017V055B_4288

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3212$ $y=0.3487/u'=0.1964$ $v'=0.4797$
 CCT=5989K(Duv=0.0089) Dominant WL:Ld =509.4nm Purity=3.8%
 Ratio:R=13.3% G=81.5% B=5.3%;;Peak WL:Lp=449.9nm FWHM=28.3nm
 Render Index:Ra=81.3
 R1 =78 R2 =86 R3 =92 R4 =81 R5 =79 R6 =82 R7 =88
 R8 =66 R9 =0 R10=67 R11=79 R12=61 R13=80 R14=96 R15=71

Photo Parameters:

Flux = 865.2 lm Eff. : 82.86 lm/W Fe = 2.710 W

Electrical parameters:

V = 229.96 V I = 0.08288 A P = 10.44 W PF = 0.5479

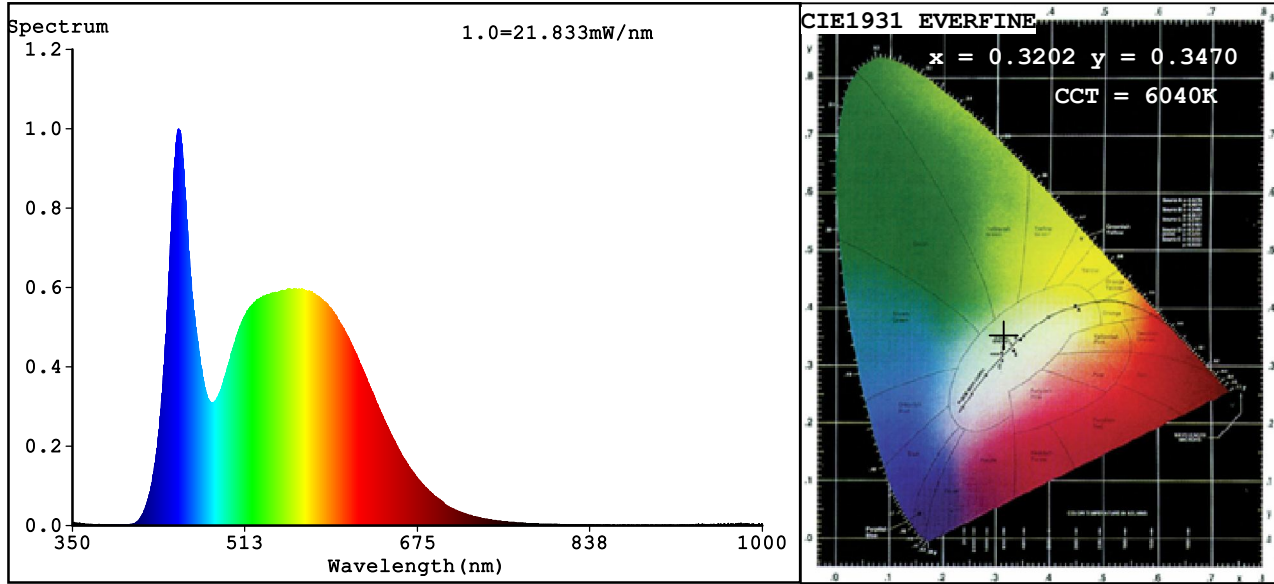
WHITE:OUT

Status: Integral T = 53 ms Ip = 49713 (76%)

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

Number:99XLED795
 Date:2018-03-23 14:11
 Humidity:65.0%
 Remarks:017V055B_4288

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3202$ $y=0.3470$ / $u'=0.1963$ $v'=0.4787$
 CCT=6040K (Duv=0.0086) Dominant WL:Ld =506.0nm Purity=4.0%
 Ratio:R=13.3% G=81.4% B=5.3%;; Peak WL:Lp=449.9nm FWHM=27.4nm
 Render Index:Ra=81.6
 R1 =78 R2 =86 R3 =92 R4 =81 R5 =80 R6 =82 R7 =88
 R8 =66 R9 =0 R10=68 R11=80 R12=60 R13=80 R14=96 R15=72

Photo Parameters:

Flux = 847.3 lm Eff. : 82.35 lm/W Fe = 2.661 W

Electrical parameters:

V = 229.95 V I = 0.08213 A P = 10.29 W PF = 0.5448

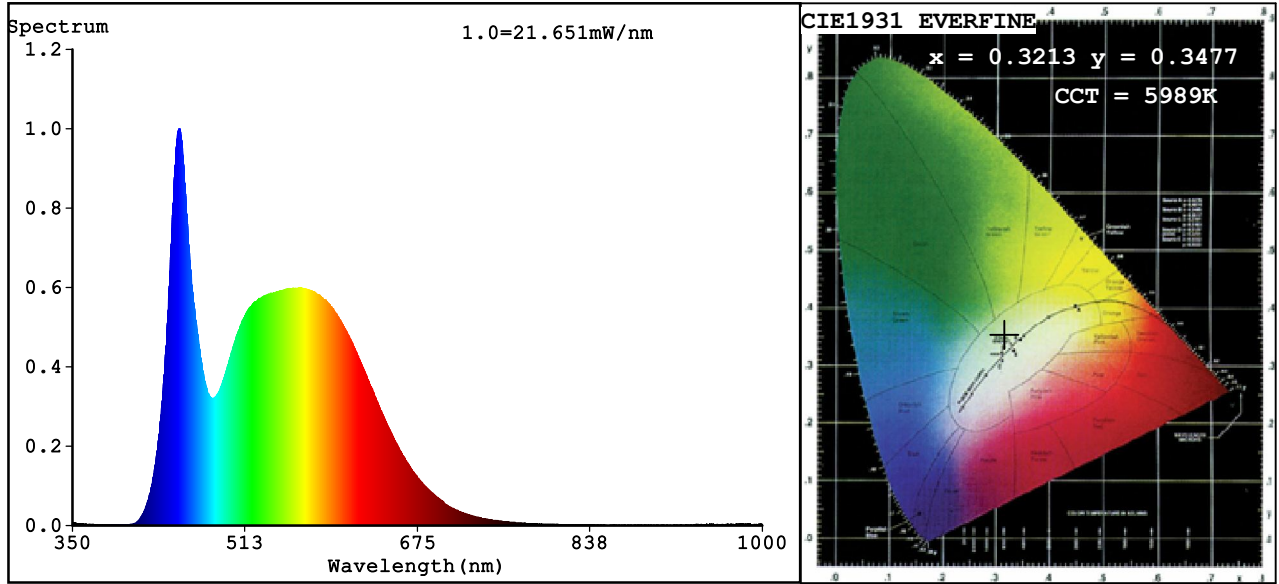
WHITE:ANSI_6500K

Status: Integral T = 53 ms Ip = 50428 (77%)

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

Number:99XLED795
 Date:2018-03-23 14:13
 Humidity:65.0%
 Remarks:017V055B_4288

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3213$ $y=0.3477$ $u'=0.1968$ $v'=0.4792$
 CCT=5989K(Duv=0.0084) Dominant WL:Ld =508.3nm Purity=3.7%
 Ratio:R=13.4% G=81.2% B=5.4%;;Peak WL:Lp=451.0nm FWHM=27.7nm
 Render Index:Ra=82.0
 R1 =78 R2 =87 R3 =93 R4 =81 R5 =80 R6 =83 R7 =88
 R8 =66 R9 =0 R10=69 R11=80 R12=61 R13=81 R14=96 R15=72

Photo Parameters:

Flux = 845.2 lm Eff. : 81.83 lm/W Fe = 2.656 W

Electrical parameters:

V = 229.98 V I = 0.08232 A P = 10.33 W PF = 0.5455

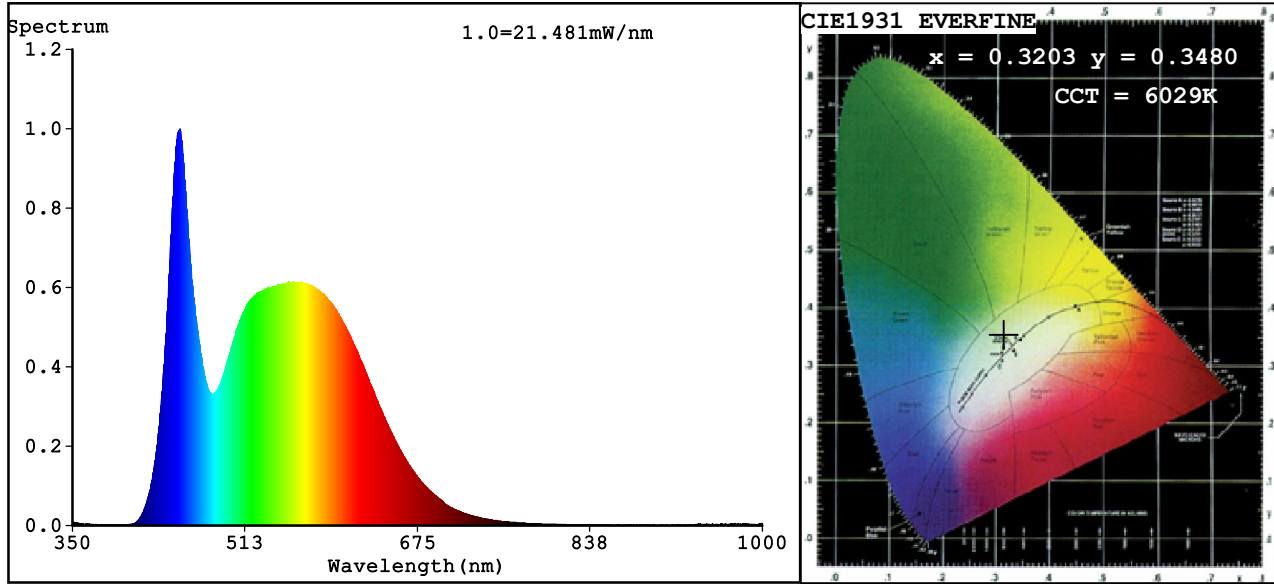
WHITE:OUT

Status: Integral T = 53 ms Ip = 50112 (76%)

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

Number:99XLED795
 Date:2018-03-23 14:14
 Humidity:65.0%
 Remarks:017V055B_4288

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3203$ $y=0.3480$ $u'=0.1961$ $v'=0.4792$
 CCT=6029K(Duv=0.0090) Dominant WL:Ld =507.3nm Purity=4.0%
 Ratio:R=13.3% G=81.3% B=5.4%;;Peak WL:Lp=451.3nm FWHM=28.9nm
 Render Index:Ra=81.8
 R1 =78 R2 =86 R3 =93 R4 =81 R5 =80 R6 =83 R7 =88
 R8 =66 R9 =0 R10=69 R11=79 R12=61 R13=80 R14=96 R15=72

Photo Parameters:

Flux = 858.2 lm Eff. : 82.14 lm/W Fe = 2.696 W

Electrical parameters:

V = 229.98 V I = 0.08287 A P = 10.45 W PF = 0.5482

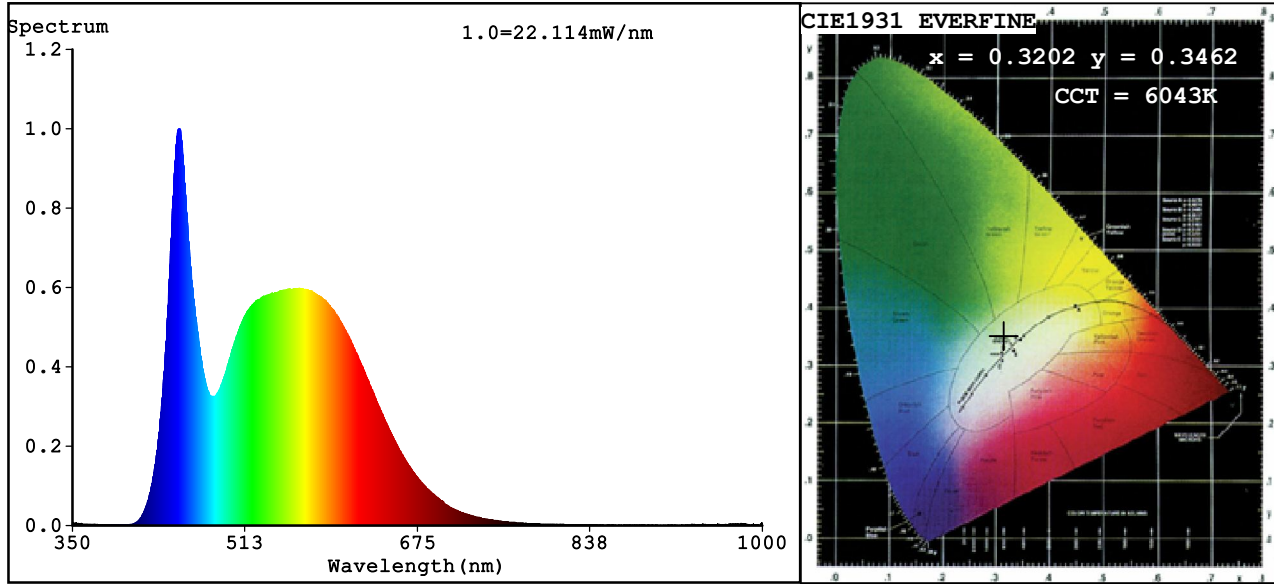
WHITE:OUT

Status: Integral T = 53 ms Ip = 49585 (76%)

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

Number:99XLED795
 Date:2018-03-23 14:16
 Humidity:65.0%
 Remarks:017V055B_4288

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3202$ $y=0.3462$ $u'=0.1966$ $v'=0.4783$

CCT=6043K(Duv=0.0082) Dominant WL:Ld =505.1nm Purity=4.0%

Ratio:R=13.4% G=81.2% B=5.4%;;Peak WL:Lp=449.9nm FWHM=28.2nm

Render Index:Ra=82.1

R1 =79 R2 =87 R3 =93 R4 =81 R5 =80 R6 =83 R7 =88

R8 =66 R9 =0 R10=69 R11=80 R12=61 R13=81 R14=96 R15=72

Photo Parameters:

Flux = 862.0 lm Eff. : 81.74 lm/W Fe = 2.717 W

Electrical parameters:

V = 229.96 V I = 0.08407 A P = 10.55 W PF = 0.5455

WHITE:ANSI_6500K

Status: Integral T = 53 ms Ip = 51210 (78%)

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

Number:99XLED795
Date:2018-03-23 14:24
Humidity:65.0%
Remarks:017V055B_4288