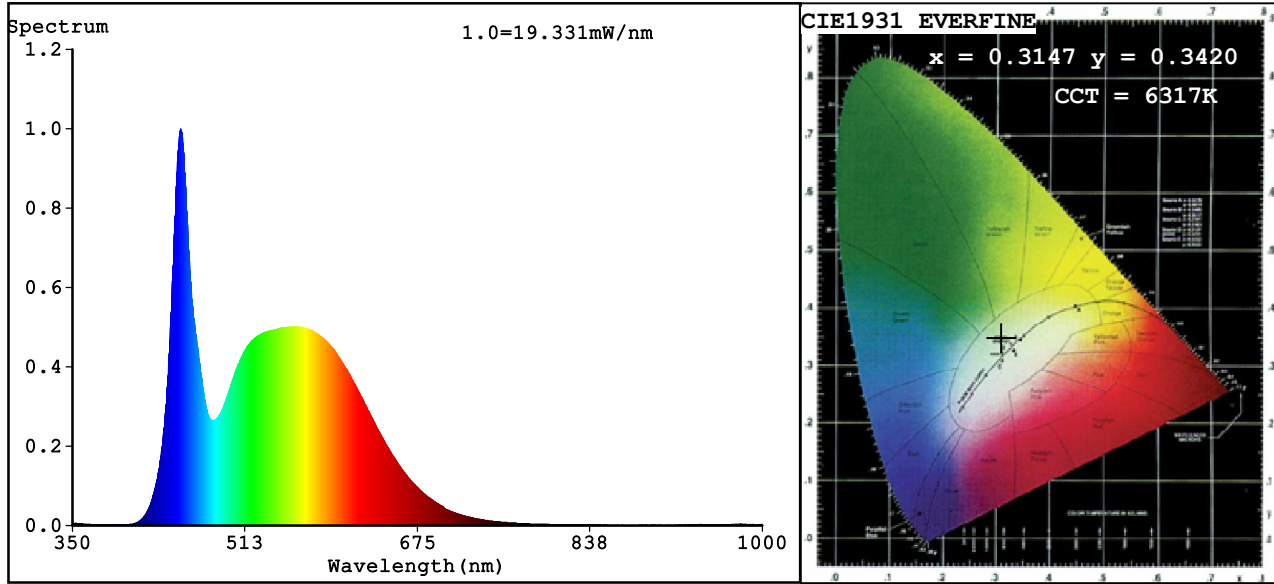


Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3147$ $y=0.3420$ $u'=0.1944$ $v'=0.4754$

CCT=6317K (Duv=0.0087) Dominant WL:Ld =497.8nm Purity=5.8%

Ratio:R=12.9% G=81.5% B=5.6%; Peak WL:Lp=452.0nm FWHM=22.8nm

Render Index:Ra=81.3

R1 =78	R2 =87	R3 =93	R4 =79	R5 =79	R6 =82	R7 =88	
R8 =65	R9 =0	R10=69	R11=78	R12=56	R13=80	R14=96	R15=72

Photo Parameters:

Flux = 627.1 lm Eff. : 81.09 lm/W Fe = 1.978 W

Electrical parameters:

V = 230.03 V I = 0.05875 A P = 7.734 W PF = 0.5722

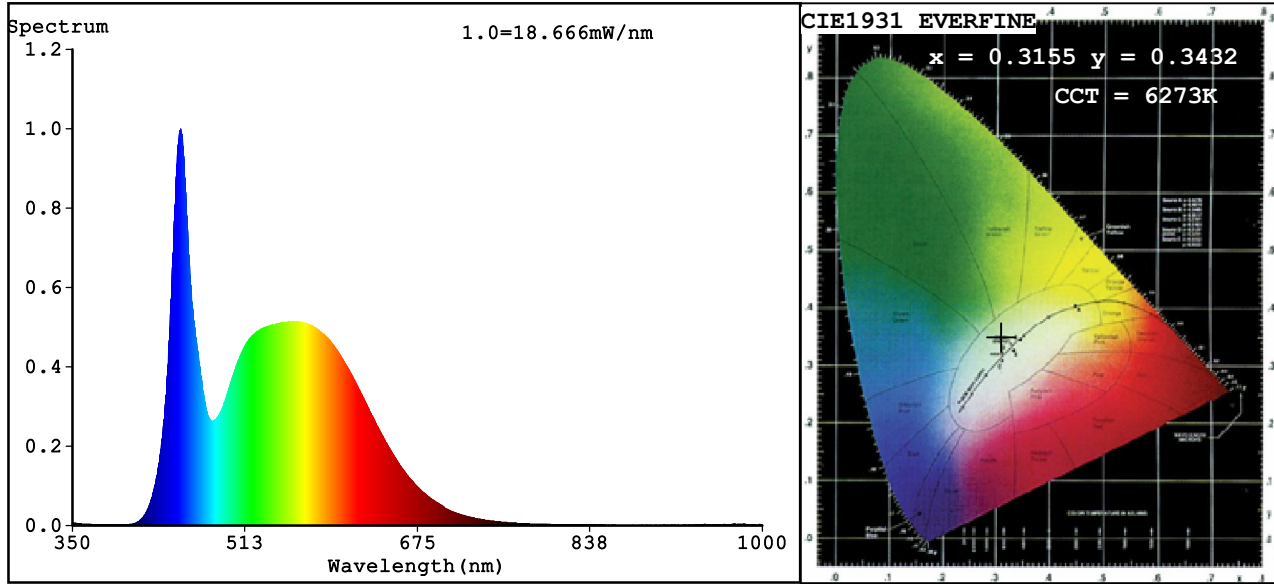
WHITE:ANSI_6500K

Status: Integral T = 52 ms Ip = 43969 (67%)

Model:LED PEAR A60/8W
Tester:Petya Marinova
Temperature:25.3Deg
Manufacturer:ELMARK

Number:99XLED794
Date:2017-10-10 13:41
Humidity:65.0%
Remarks:017A006_3798

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3155$ $y=0.3432$ $u'=0.1945$ $v'=0.4761$
 CCT=6273K (Duv=0.0089) Dominant WL:Ld =499.0nm Purity=5.5%
 Ratio:R=12.9% G=81.6% B=5.5%;; Peak WL:Lp=452.0nm FWHM=23.0nm
 Render Index:Ra=80.9
 R1 =77 R2 =86 R3 =92 R4 =79 R5 =79 R6 =81 R7 =88
 R8 =65 R9 =0 R10=68 R11=78 R12=56 R13=80 R14=96 R15=71

Photo Parameters:

Flux = 619.8 lm Eff. : 80.66 lm/W Fe = 1.949 W

Electrical parameters:

V = 229.96 V I = 0.05831 A P = 7.684 W PF = 0.5731

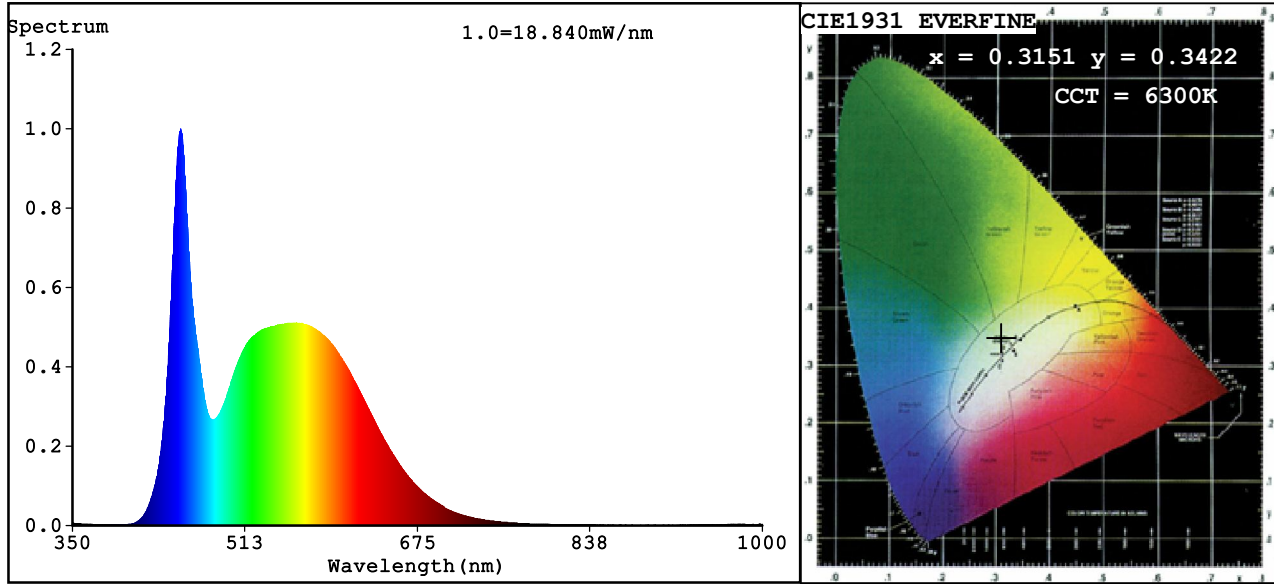
WHITE:OUT

Status: Integral T = 52 ms Ip = 42347 (65%)

Model:LED PEAR A60/8W
 Tester:Petya Marinova
 Temperature:25.3Deg
 Manufacturer:ELMARK

Number:99XLED794
 Date:2017-10-10 13:43
 Humidity:65.0%
 Remarks:017A006_3798

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3151$ $y=0.3422$ $u'=0.1946$ $v'=0.4756$
 CCT=6300K(Duv=0.0087) Dominant WL:Ld =498.0nm Purity=5.7%
 Ratio:R=12.9% G=81.5% B=5.5%;;Peak WL:Lp=452.0nm FWHM=23.2nm
 Render Index:Ra=81.2
 R1 =78 R2 =86 R3 =92 R4 =79 R5 =79 R6 =82 R7 =88
 R8 =65 R9 =0 R10=68 R11=78 R12=56 R13=80 R14=96 R15=71

Photo Parameters:

Flux = 621.8 lm Eff. : 80.10 lm/W Fe = 1.961 W

Electrical parameters:

V = 229.95 V I = 0.05890 A P = 7.763 W PF = 0.5731

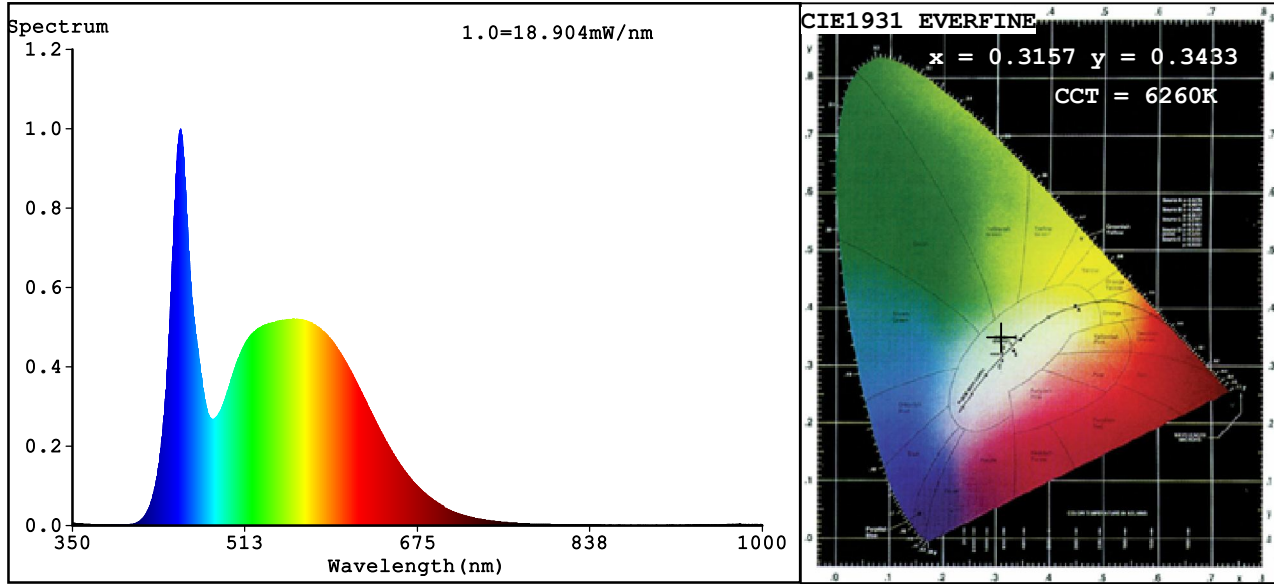
WHITE:ANSI_6500K

Status: Integral T = 52 ms Ip = 42739 (65%)

Model:LED PEAR A60/8W
 Tester:Petya Marinova
 Temperature:25.3Deg
 Manufacturer:ELMARK

Number:99XLED794
 Date:2017-10-10 13:45
 Humidity:65.0%
 Remarks:017A006_3798

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3157$ $y=0.3433/u'=0.1947$ $v'=0.4762$

CCT=6260K(Duv=0.0089) Dominant WL:Ld =499.1nm Purity=5.4%

Ratio:R=12.9% G=81.6% B=5.5%;;Peak WL:Lp=452.0nm FWHM=23.7nm

Render Index:Ra=81.0

R1 =77	R2 =86	R3 =92	R4 =79	R5 =79	R6 =82	R7 =87	
R8 =65	R9 =0	R10=68	R11=78	R12=56	R13=80	R14=96	R15=71

Photo Parameters:

Flux = 635.8 lm Eff. : 80.96 lm/W Fe = 1.998 W

Electrical parameters:

V = 229.95 V I = 0.05897 A P = 7.853 W PF = 0.5791

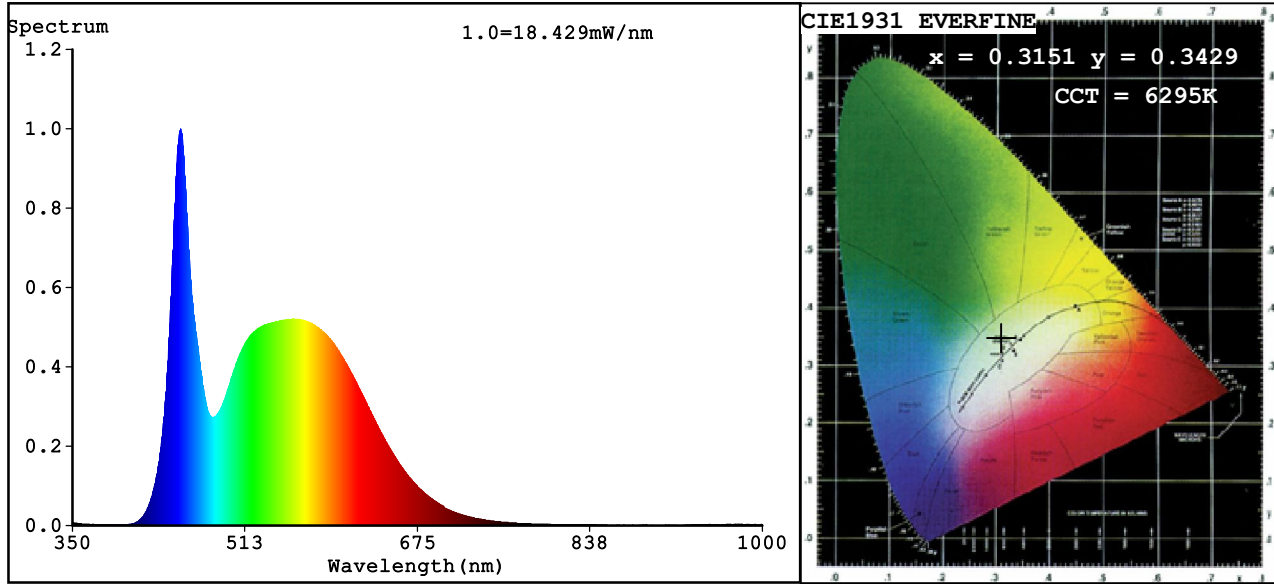
WHITE:OUT

Status: Integral T = 52 ms Ip = 42886 (65%)

Model:LED PEAR A60/8W
Tester:Petya Marinova
Temperature:25.3Deg
Manufacturer:ELMARK

Number:99XLED794
Date:2017-10-10 13:45
Humidity:65.0%
Remarks:017A006_3798

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3151$ $y=0.3429$ $u'=0.1943$ $v'=0.4759$
 CCT=6295K(Duv=0.0090) Dominant WL:Ld =498.5nm Purity=5.7%
 Ratio:R=12.9% G=81.6% B=5.5%;; Peak WL:Lp=452.0nm FWHM=23.8nm
 Render Index:Ra=81.0
 R1 =77 R2 =86 R3 =93 R4 =79 R5 =79 R6 =82 R7 =88
 R8 =65 R9 =0 R10=68 R11=78 R12=56 R13=80 R14=96 R15=71

Photo Parameters:

Flux = 619.3 lm Eff. : 79.82 lm/W Fe = 1.950 W

Electrical parameters:

V = 229.95 V I = 0.05885 A P = 7.758 W PF = 0.5733

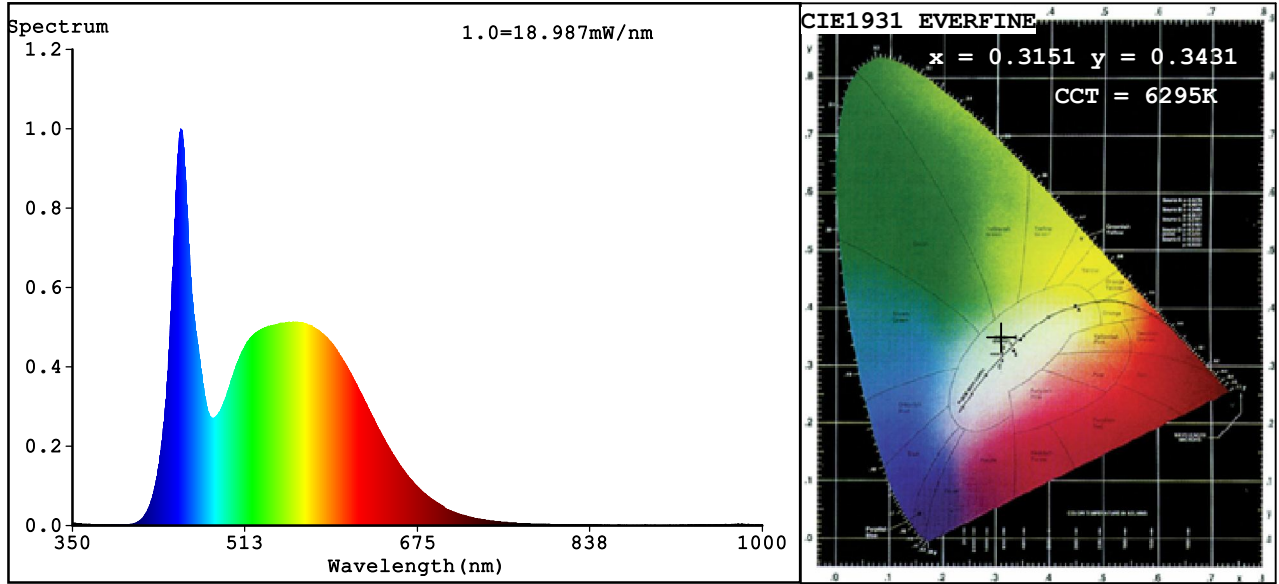
WHITE:OUT

Status: Integral T = 52 ms Ip = 41812 (64%)

Model:LED PEAR A60/8W
 Tester:Petya Marinova
 Temperature:25.3Deg
 Manufacturer:ELMARK

Number:99XLED794
 Date:2017-10-10 13:46
 Humidity:65.0%
 Remarks:017A006_3798

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3151$ $y=0.3431/u'=0.1943$ $v'=0.4760$
 CCT=6295K(Duv=0.0091) Dominant WL:Ld =498.7nm Purity=5.7%
 Ratio:R=12.9% G=81.5% B=5.6%;;Peak WL:Lp=452.0nm FWHM=23.3nm
 Render Index:Ra=81.1
 R1 =77 R2 =87 R3 =93 R4 =79 R5 =79 R6 =82 R7 =87
 R8 =65 R9 =0 R10=69 R11=78 R12=56 R13=80 R14=96 R15=71

Photo Parameters:

Flux = 629.8 lm Eff. : 80.67 lm/W Fe = 1.982 W

Electrical parameters:

V = 229.94 V I = 0.05897 A P = 7.807 W PF = 0.5757

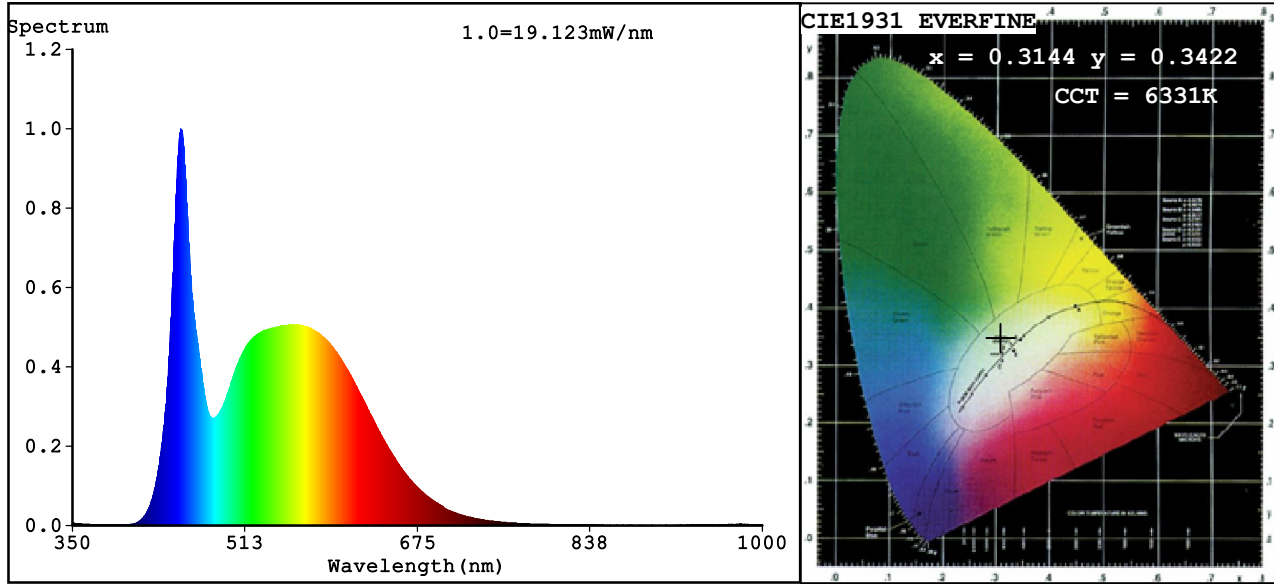
WHITE:OUT

Status: Integral T = 52 ms Ip = 43301 (66%)

Model:LED PEAR A60/8W
 Tester:Petya Marinova
 Temperature:25.3Deg
 Manufacturer:ELMARK

Number:99XLED794
 Date:2017-10-10 13:48
 Humidity:65.0%
 Remarks:017A006_3798

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3144$ $y=0.3422$ $u'=0.1942$ $v'=0.4755$
 CCT=6331K(Duv=0.0090) Dominant WL:Ld =497.8nm Purity=5.9%
 Ratio:R=12.9% G=81.5% B=5.6%;;Peak WL:Lp=452.0nm FWHM=23.1nm
 Render Index:Ra=81.2
 R1 =78 R2 =87 R3 =93 R4 =79 R5 =79 R6 =82 R7 =87
 R8 =65 R9 =0 R10=69 R11=78 R12=56 R13=80 R14=96 R15=71

Photo Parameters:

Flux = 626.3 lm Eff. : 79.97 lm/W Fe = 1.975 W

Electrical parameters:

V = 229.96 V I = 0.05926 A P = 7.832 W PF = 0.5747

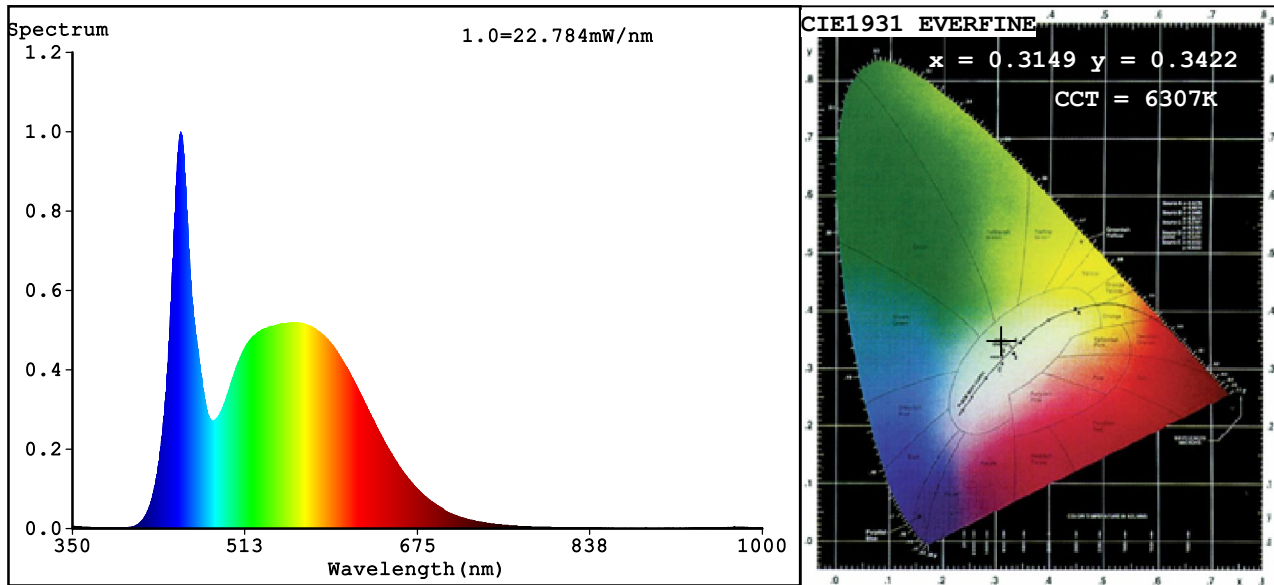
WHITE:OUT

Status: Integral T = 52 ms Ip = 43658 (67%)

Model:LED PEAR A60/8W
 Tester:Petya Marinova
 Temperature:25.3Deg
 Manufacturer:ELMARK

Number:99XLED794
 Date:2017-10-10 13:49
 Humidity:65.0%
 Remarks:017A006_3798

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3149$ $y=0.3422$ $u'=0.1945$ $v'=0.4755$

CCT=6307K (Duv=0.0087) Dominant WL:Ld =497.9nm Purity=5.8%

Ratio:R=12.9% G=81.6% B=5.5%;; Peak WL:Lp=452.0nm FWHM=23.8nm

Render Index:Ra=81.1

R1 =77 R2 =86 R3 =92 R4 =79 R5 =79 R6 =82 R7 =88

R8 =65 R9 =0 R10=68 R11=78 R12=56 R13=80 R14=96 R15=71

Photo Parameters:

Flux = 764.0 lm Eff. : 82.04 lm/W Fe = 2.410 W

Electrical parameters:

V = 229.94 V I = 0.07162 A P = 9.312 W PF = 0.5654

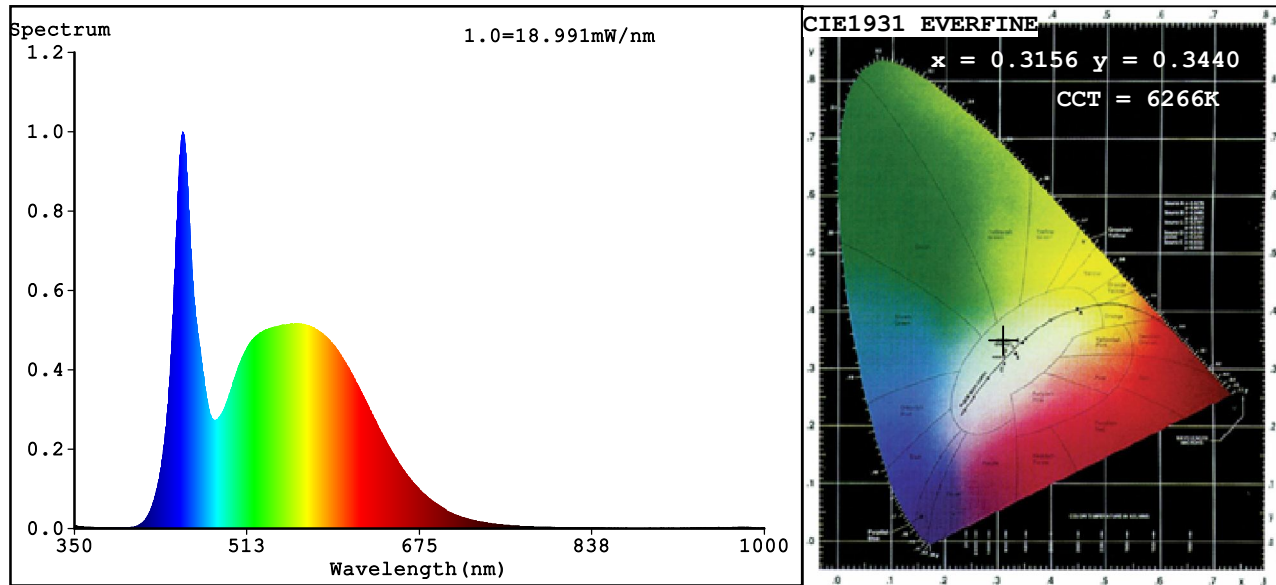
WHITE:ANSI_6500K

Status: Integral T = 52 ms Ip = 51811 (79%)

Model:LED PEAR A60/8W
Tester:Petya Marinova
Temperature:25.3Deg
Manufacturer:ELMARK

Number:99XLED794
Date:2017-10-10 13:50
Humidity:65.0%
Remarks:017A006_3798

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3156$ $y=0.3440$ / $u'=0.1943$ $v'=0.4765$

CCT=6266K (Duv=0.0093) Dominant WL:Ld =499.6nm Purity=5.5%

Ratio:R=12.9% G=81.6% B=5.6%; Peak WL:Lp=452.0nm FWHM=23.3nm

Render Index:Ra=81.0

R1 =77	R2 =86	R3 =93	R4 =79	R5 =79	R6 =82	R7 =87	
R8 =65	R9 =0	R10=68	R11=77	R12=56	R13=80	R14=96	R15=71

Photo Parameters:

Flux = 634.0 lm Eff. : 80.96 lm/W Fe = 1.993 W

Electrical parameters:

V = 229.95 V I = 0.05925 A P = 7.830 W PF = 0.5748

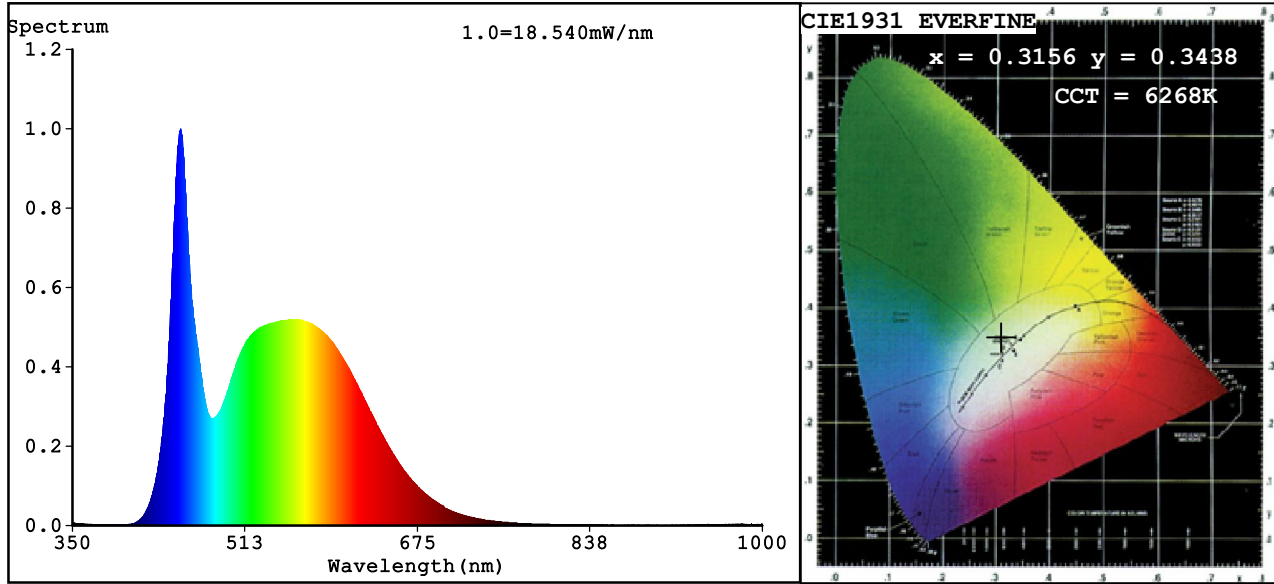
WHITE:OUT

Status: Integral T = 52 ms Ip = 43267 (66%)

Model:LED PEAR A60/8W
Tester:Petya Marinova
Temperature:25.3Deg
Manufacturer:ELMARK

Number:99XLED794
Date:2017-10-10 13:51
Humidity:65.0%
Remarks:017A006_3798

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3156$ $y=0.3438$ $u'=0.1944$ $v'=0.4764$

CCT=6268K(Duv=0.0092) Dominant WL:Ld =499.4nm Purity=5.5%

Ratio:R=12.9% G=81.6% B=5.5%;;Peak WL:Lp=452.0nm FWHM=23.3nm

Render Index:Ra=80.9

R1 =77	R2 =86	R3 =92	R4 =79	R5 =79	R6 =82	R7 =87	
R8 =65	R9 =0	R10=68	R11=78	R12=56	R13=80	R14=96	R15=71

Photo Parameters:

Flux = 621.4 lm Eff. : 79.47 lm/W Fe = 1.953 W

Electrical parameters:

V = 229.95 V I = 0.05946 A P = 7.819 W PF = 0.5718

WHITE:OUT

Status: Integral T = 52 ms Ip = 42061 (64%)

Model:LED PEAR A60/8W
Tester:Petya Marinova
Temperature:25.3Deg
Manufacturer:ELMARK

Number:99XLED794
Date:2017-10-10 13:52
Humidity:65.0%
Remarks:017A006_3798