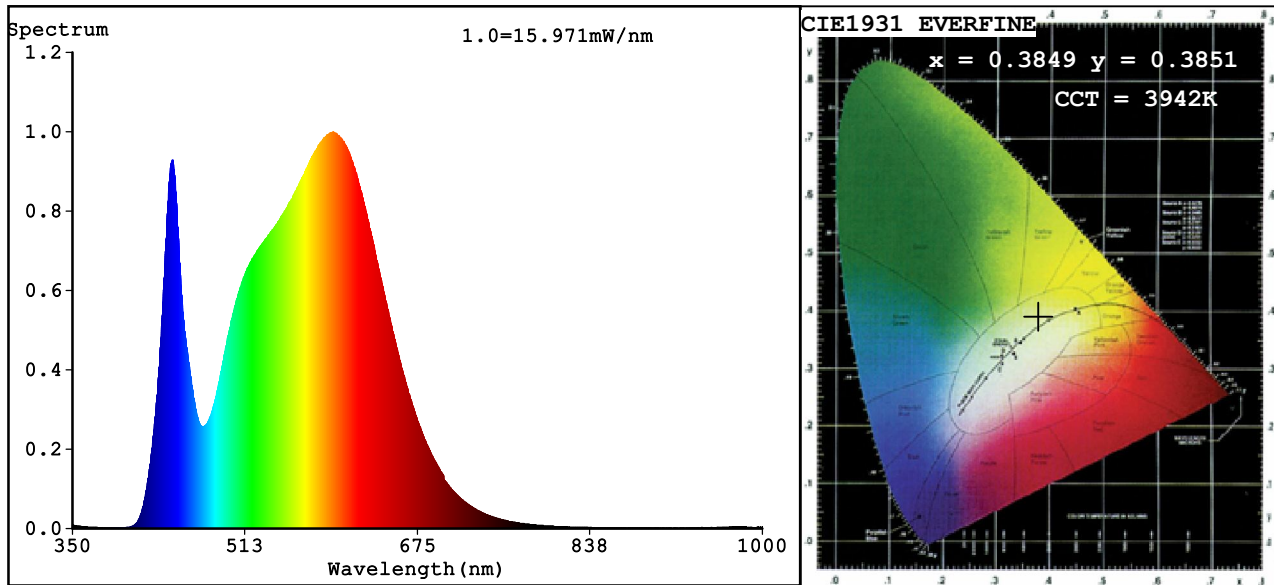


Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3849$ $y=0.3851/u'=0.2247$ $v'=0.5059$

CCT=3942K(Duv=0.0026) Dominant WL:Ld =578.0nm Purity=31.1%

Ratio:R=18.3% G=78.3% B=3.4%;;Peak WL:Lp=595.5nm FWHM=153.6nm

Render Index:Ra=83.0

R1 =81 R2 =87 R3 =94 R4 =84 R5 =82 R6 =84 R7 =86

R8 =65 R9 =7 R10=72 R11=84 R12=70 R13=82 R14=97 R15=74

Photo Parameters:

Flux = 923.0 lm Eff. : 93.16 lm/W Fe = 2.802 W

Electrical parameters:

V = 229.96 V I = 0.07354 A P = 9.907 W PF = 0.5858

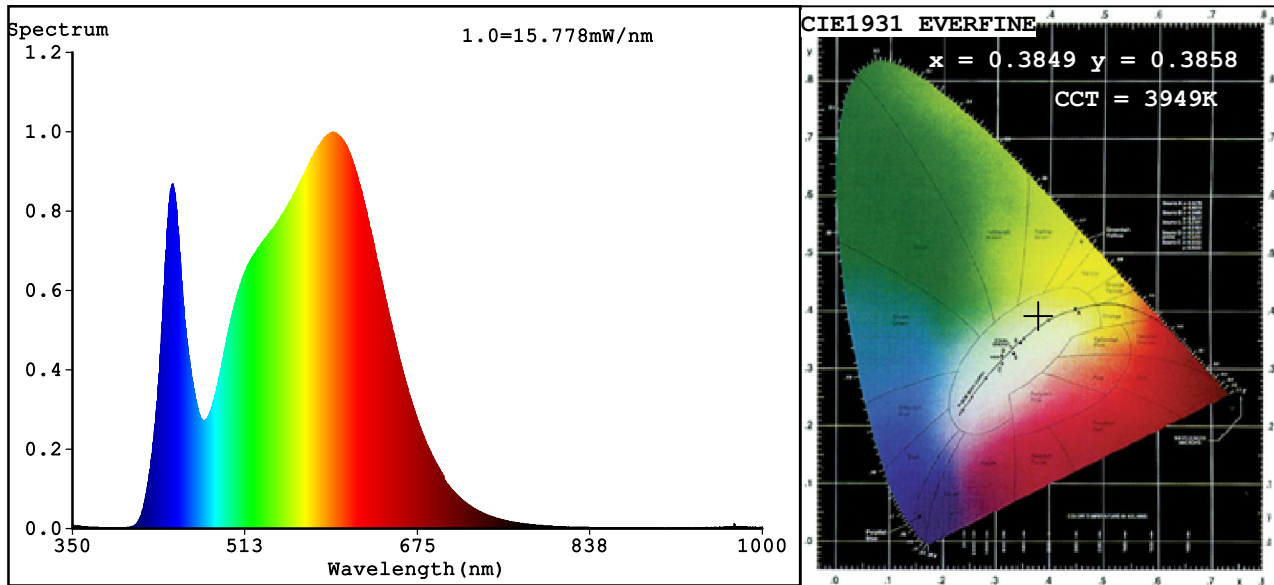
WHITE:ANSI_4000K

Status: Integral T = 62 ms Ip = 50082 (76%)

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

Number:99LED586
Date:2018-03-27 14:01
Humidity:65.0%
Remarks:017A045_4393

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3849$ $y=0.3858$ $u'=0.2244$ $v'=0.5062$
 CCT=3949K (Duv=0.0029) Dominant WL:Ld =577.8nm Purity=31.3%
 Ratio:R=18.4% G=78.2% B=3.5%;; Peak WL:Lp=595.5nm FWHM=154.5nm
 Render Index:Ra=83.4
 R1 =81 R2 =88 R3 =95 R4 =84 R5 =82 R6 =85 R7 =87
 R8 =65 R9 =8 R10=73 R11=84 R12=71 R13=83 R14=97 R15=74

Photo Parameters:

Flux = 914.2 lm Eff. : 94.31 lm/W Fe = 2.775 W

Electrical parameters:

V = 229.93 V I = 0.07273 A P = 9.693 W PF = 0.5796

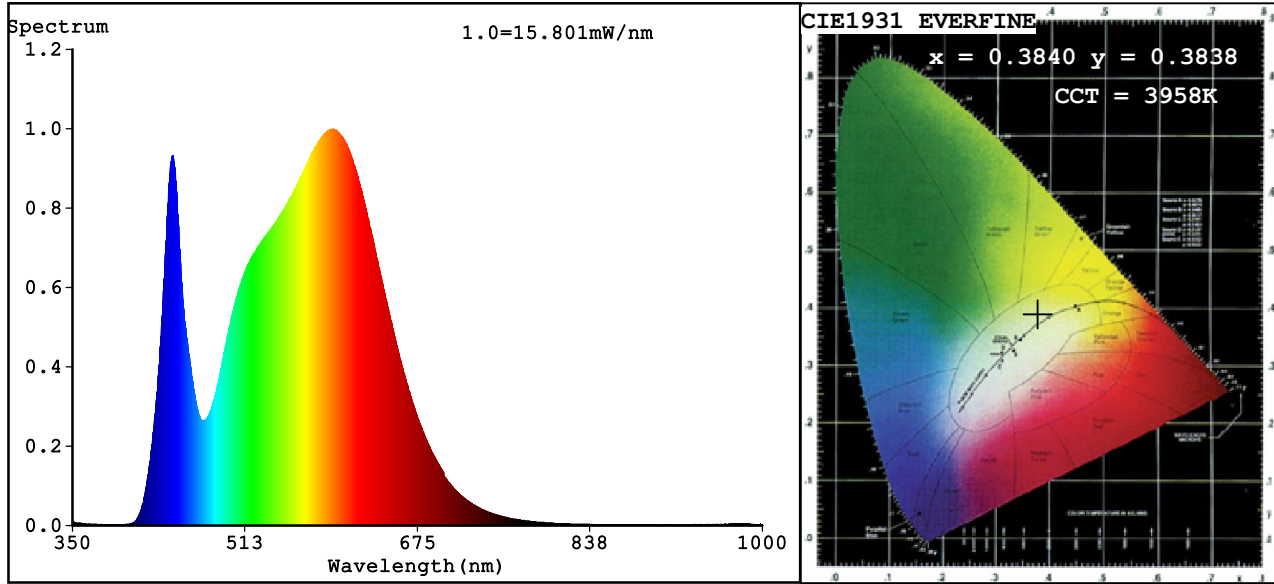
WHITE:ANSI_4000K

Status: Integral T = 62 ms Ip = 49438 (75%)

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

Number:99LED586
 Date:2018-03-27 14:05
 Humidity:65.0%
 Remarks:017A045_4393

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3840$ $y=0.3838$ $u'=0.2246$ $v'=0.5052$
 CCT=3958K(Duv=0.0022) Dominant WL:Ld =578.1nm Purity=30.4%
 Ratio:R=18.3% G=78.3% B=3.4%;;Peak WL:Lp=595.5nm FWHM=153.5nm
 Render Index:Ra=83.0
 R1 =81 R2 =88 R3 =94 R4 =84 R5 =82 R6 =84 R7 =86
 R8 =65 R9 =7 R10=72 R11=84 R12=70 R13=82 R14=97 R15=74

Photo Parameters:

Flux = 913.3 lm Eff. : 92.89 lm/W Fe = 2.779 W

Electrical parameters:

V = 229.93 V I = 0.07354 A P = 9.832 W PF = 0.5815

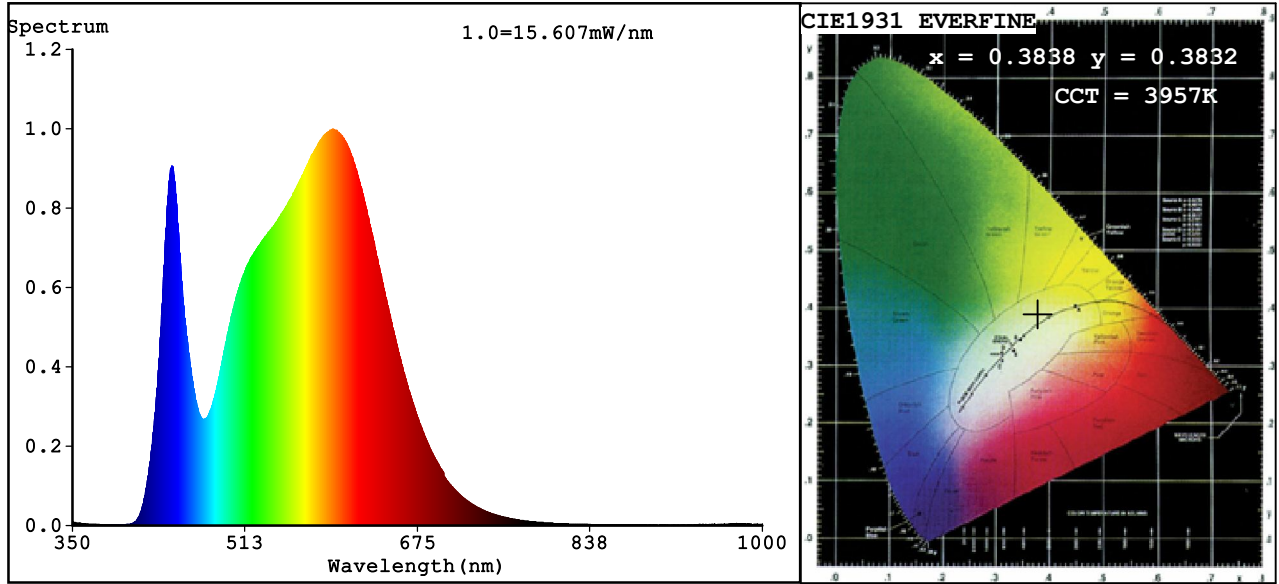
WHITE:ANSI_4000K

Status: Integral T = 62 ms Ip = 49636 (76%)

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

Number:99LED586
 Date:2018-03-27 14:09
 Humidity:65.0%
 Remarks:017A045_4393

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3838$ $y=0.3832$ $u'=0.2248$ $v'=0.5049$

CCT=3957K(Duv=0.0020) Dominant WL:Ld =578.2nm Purity=30.2%

Ratio:R=18.4% G=78.2% B=3.5%;;Peak WL:Lp=595.5nm FWHM=154.1nm

Render Index:Ra=83.4

R1 =81 R2 =88 R3 =94 R4 =84 R5 =82 R6 =85 R7 =87

R8 =65 R9 =9 R10=73 R11=84 R12=71 R13=83 R14=97 R15=74

Photo Parameters:

Flux = 901.9 lm Eff. : 95.64 lm/W Fe = 2.749 W

Electrical parameters:

V = 229.95 V I = 0.07114 A P = 9.430 W PF = 0.5764

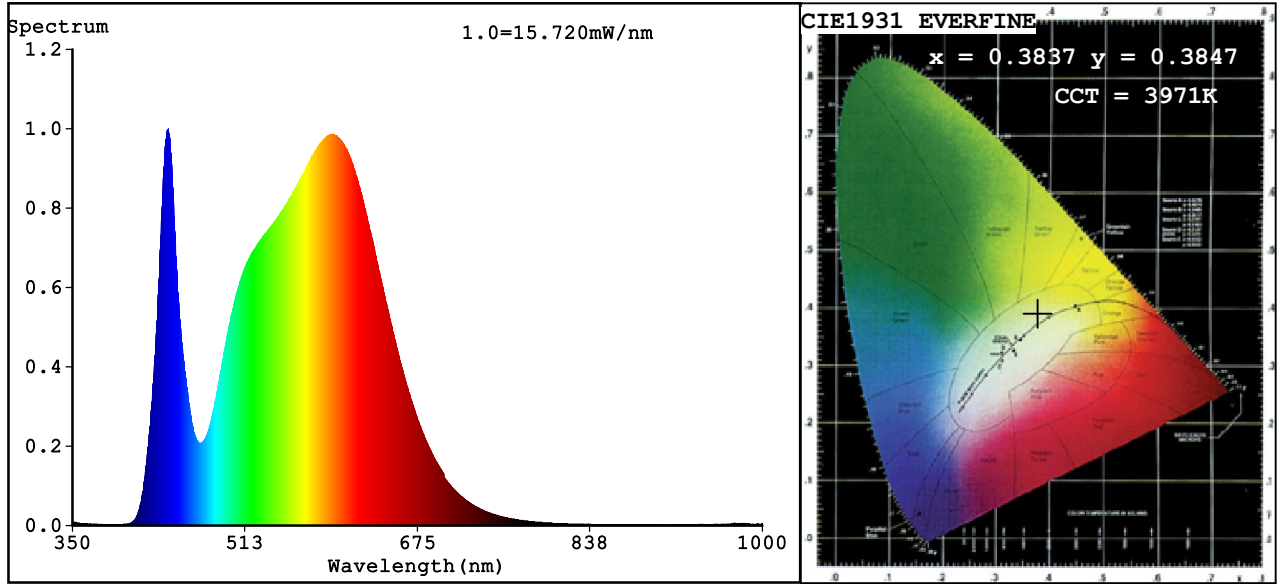
WHITE:ANSI_4000K

Status: Integral T = 62 ms Ip = 48864 (75%)

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

Number:99LED586
Date:2018-03-27 14:16
Humidity:65.0%
Remarks:017A045_4393

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3837$ $y=0.3847/u'=0.2241$ $v'=0.5055$

CCT=3971K(Duv=0.0027) Dominant WL:Ld =577.8nm Purity=30.6%

Ratio:R=18.1% G=78.6% B=3.2%;;Peak WL:Lp=440.4nm FWHM=22.2nm

Render Index:Ra=82.0

R1 =80	R2 =86	R3 =92	R4 =84	R5 =81	R6 =83	R7 =86		
R8 =65	R9 =5	R10=68	R11=84	R12=70	R13=81	R14=96	R15=73	

Photo Parameters:

Flux = 904.3 lm Eff. : 95.55 lm/W Fe = 2.752 W

Electrical parameters:

V = 229.94 V I = 0.07120 A P = 9.464 W PF = 0.5781

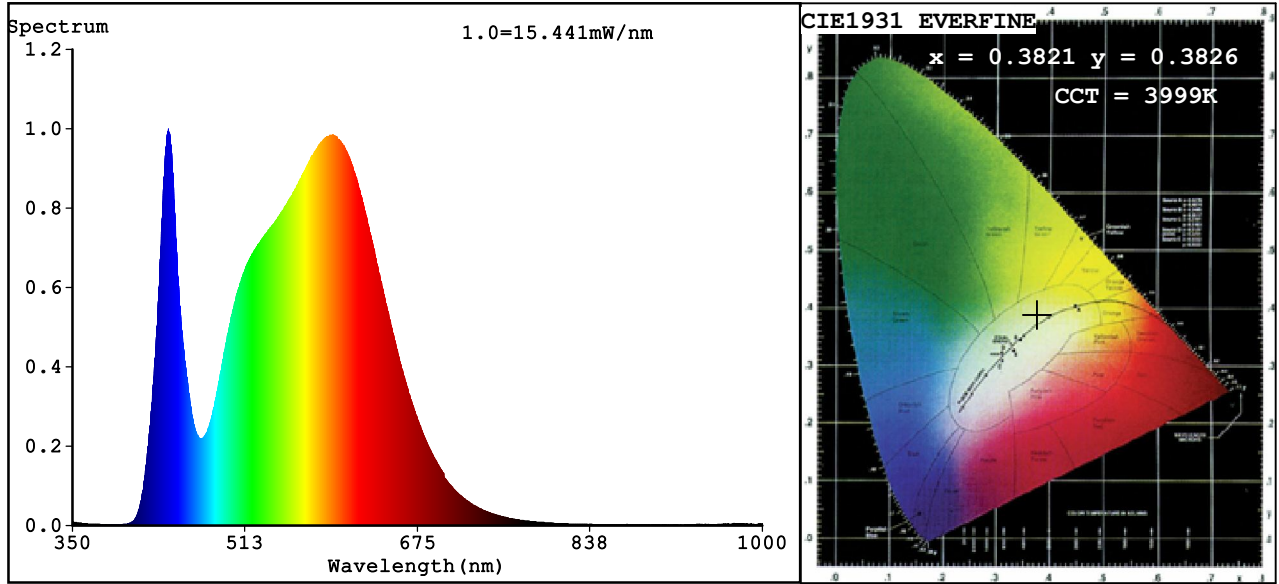
WHITE:ANSI_4000K

Status: Integral T = 62 ms Ip = 48713 (74%)

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

Number:99LED586
Date:2018-03-27 14:17
Humidity:65.0%
Remarks:017A045_4393

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3821$ $y=0.3826$ $u'=0.2238$ $v'=0.5044$

CCT=3999K (Duv=0.0022) Dominant WL:Ld =577.9nm Purity=29.5%

Ratio:R=18.1% G=78.7% B=3.3%;; Peak WL:Lp=440.4nm FWHM=23.2nm

Render Index:Ra=82.0

R1 =80	R2 =86	R3 =92	R4 =83	R5 =81	R6 =83	R7 =86		
R8 =65	R9 =5	R10=68	R11=84	R12=70	R13=81	R14=96	R15=73	

Photo Parameters:

Flux = 886.5 lm Eff. : 94.62 lm/W Fe = 2.706 W

Electrical parameters:

V = 229.96 V I = 0.07129 A P = 9.369 W PF = 0.5715

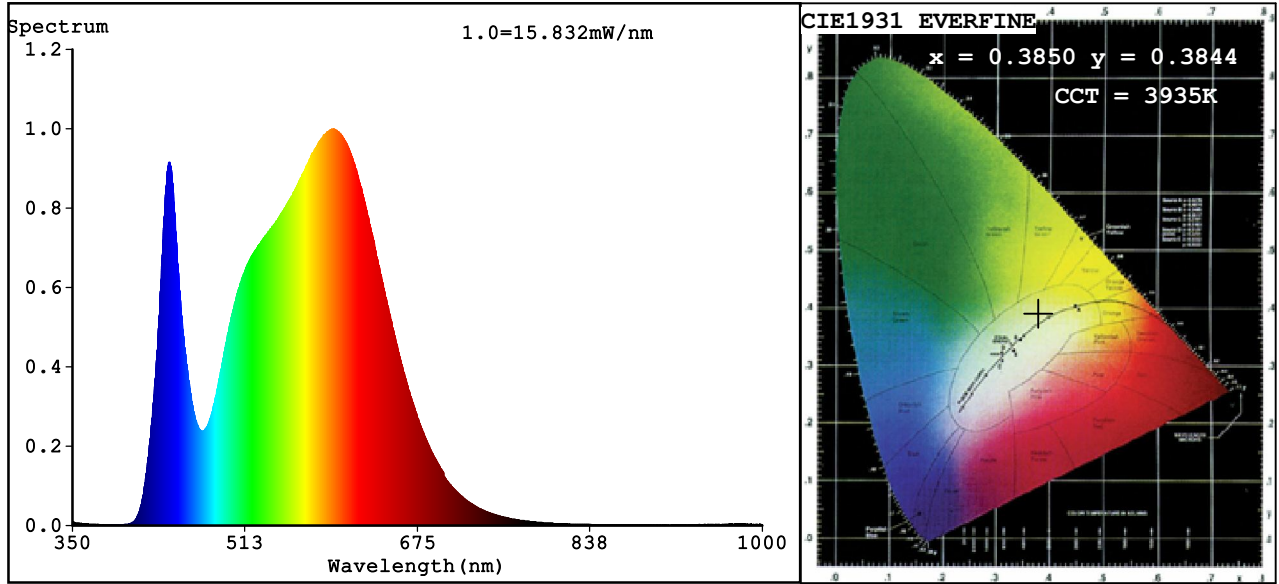
WHITE:ANSI_4000K

Status: Integral T = 62 ms Ip = 47869 (73%)

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

Number:99LED586
Date:2018-03-27 14:32
Humidity:65.0%
Remarks:017A045_4393

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3850$ $y=0.3844$ $u'=0.2251$ $v'=0.5056$

CCT=3935K(Duv=0.0022) Dominant WL:Ld =578.2nm Purity=30.9%

Ratio:R=18.4% G=78.3% B=3.3%;;Peak WL:Lp=595.5nm FWHM=154.0nm

Render Index:Ra=82.7

R1 =81 R2 =87 R3 =93 R4 =84 R5 =82 R6 =84 R7 =86

R8 =65 R9 =7 R10=70 R11=84 R12=71 R13=82 R14=96 R15=74

Photo Parameters:

Flux = 915.2 lm Eff. : 93.61 lm/W Fe = 2.790 W

Electrical parameters:

V = 229.92 V I = 0.07316 A P = 9.776 W PF = 0.5812

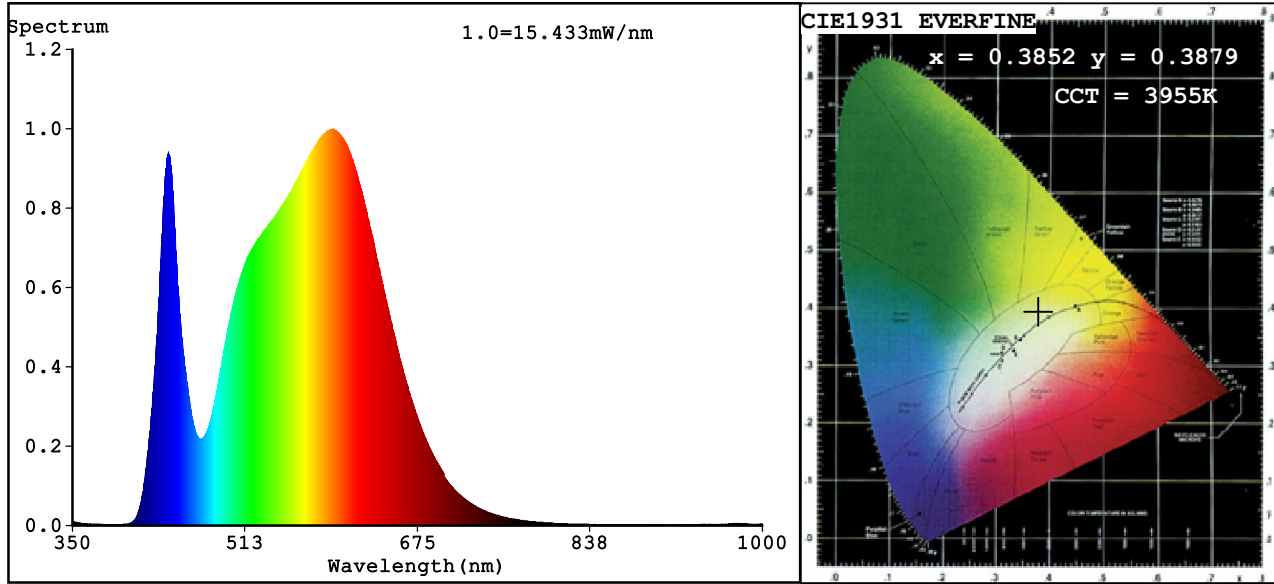
WHITE:ANSI_4000K

Status: Integral T = 62 ms Ip = 49626 (76%)

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

Number:99LED586
Date:2018-03-27 14:34
Humidity:65.0%
Remarks:017A045_4393

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3852$ $y=0.3879$ / $u'=0.2238$ $v'=0.5071$
CCT=3955K (Duv=0.0038) Dominant WL:Ld =577.4nm Purity=32.0%
Ratio:R=18.1% G=78.7% B=3.2%;; Peak WL:Lp=595.5nm FWHM=154.2nm
Render Index:Ra=81.9
R1 =80 R2 =86 R3 =93 R4 =83 R5 =81 R6 =83 R7 =86
R8 =64 R9 =4 R10=68 R11=84 R12=70 R13=81 R14=96 R15=72

Photo Parameters:

Flux = 900.2 lm Eff. : 95.44 lm/W Fe = 2.724 W

Electrical parameters:

V = 229.94 V I = 0.07118 A P = 9.433 W PF = 0.5763

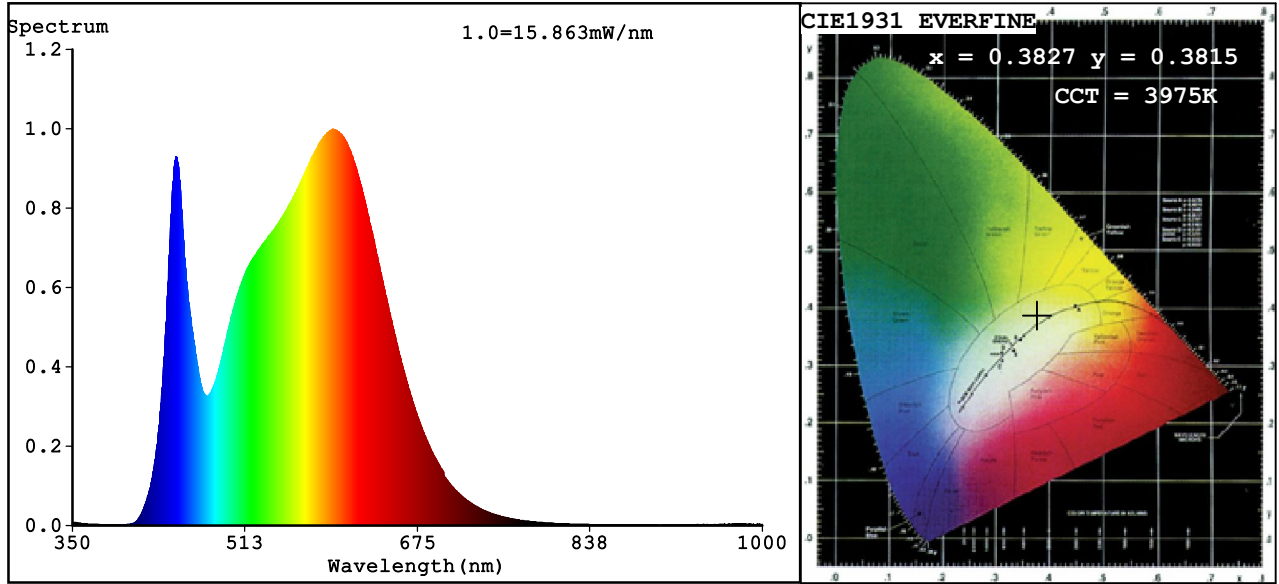
WHITE:ANSI_4000K

Status: Integral T = 62 ms Ip = 48486 (74%)

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

Number:99LED586
Date:2018-03-27 14:37
Humidity:65.0%
Remarks:017A045_4393

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3827$ $y=0.3815$ $u'=0.2247$ $v'=0.5040$

CCT=3975K(Duv=0.0016) Dominant WL:Ld =578.3nm Purity=29.3%

Ratio:R=18.5% G=77.7% B=3.8%;;Peak WL:Lp=595.5nm FWHM=154.7nm

Render Index:Ra=84.7

R1 =83	R2 =90	R3 =96	R4 =84	R5 =83	R6 =87	R7 =87	
R8 =66	R9 =13	R10=77	R11=84	R12=70	R13=85	R14=98	R15=76

Photo Parameters:

Flux = 913.5 lm Eff. : 92.57 lm/W Fe = 2.796 W

Electrical parameters:

V = 229.95 V I = 0.07425 A P = 9.869 W PF = 0.5780

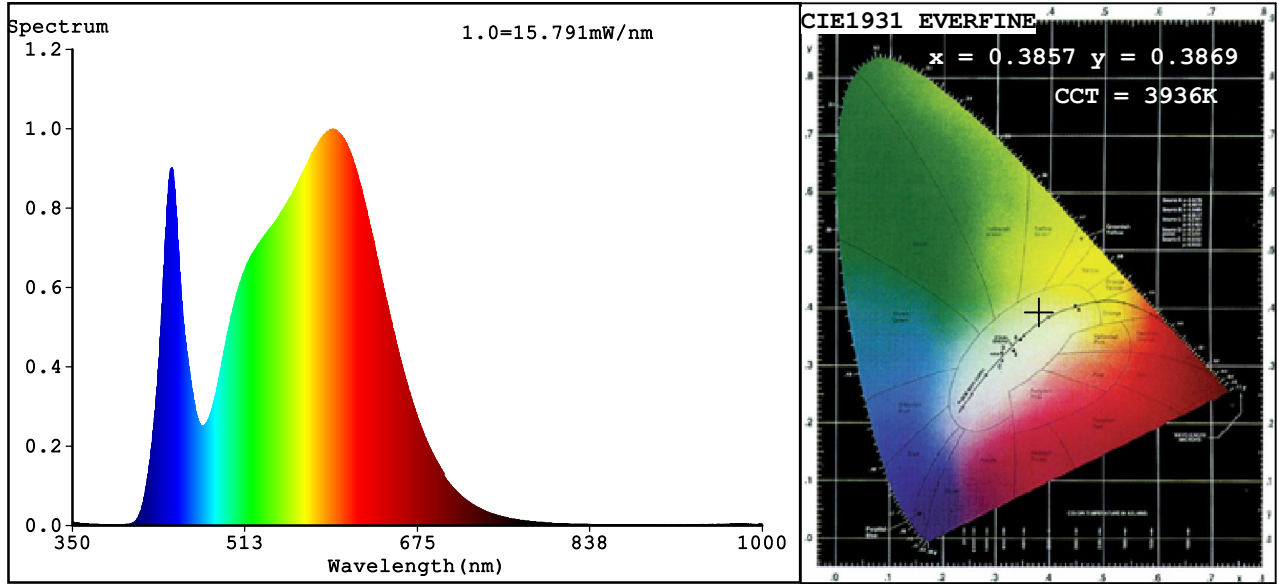
WHITE:ANSI_4000K

Status: Integral T = 62 ms Ip = 49581 (76%)

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

Number:99LED586
Date:2018-03-27 14:39
Humidity:65.0%
Remarks:017A045_4393

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3857$ $y=0.3869$ / $u'=0.2245$ $v'=0.5067$
CCT=3936K(Duv=0.0032) Dominant WL:Ld =577.8nm Purity=31.9%
Ratio:R=18.3% G=78.3% B=3.4%;;Peak WL:Lp=595.5nm FWHM=154.0nm
Render Index:Ra=82.9
R1 =81 R2 =87 R3 =94 R4 =84 R5 =81 R6 =84 R7 =87
R8 =65 R9 =6 R10=71 R11=84 R12=70 R13=82 R14=97 R15=73

Photo Parameters:

Flux = 914.8 lm Eff. : 93.13 lm/W Fe = 2.770 W

Electrical parameters:

V = 229.93 V I = 0.07382 A P = 9.823 W PF = 0.5787

WHITE:ANSI_4000K

Status: Integral T = 62 ms Ip = 49521 (76%)

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

Number:99LED586
Date:2018-03-27 14:41
Humidity:65.0%
Remarks:017A045_4393