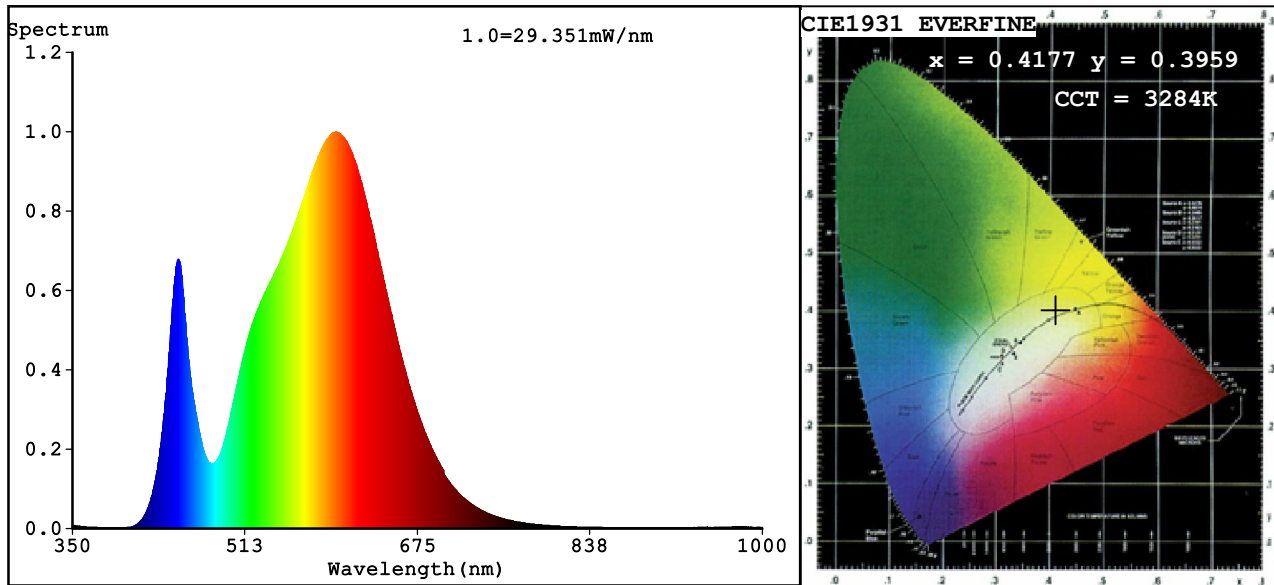


Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.4177$ $y=0.3959$ $u'=0.2416$ $v'=0.5152$
 CCT=3284K(Duv=-0.0003) Dominant WL:Ld =581.8nm Purity=44.2%
 Ratio:R=20.8% G=76.8% B=2.4%;;Peak WL:Lp=598.8nm FWHM=136.1nm
 Render Index:Ra=79.6
 R1 =78 R2 =87 R3 =94 R4 =78 R5 =77 R6 =82 R7 =83
 R8 =58 R9 =0 R10=68 R11=76 R12=60 R13=79 R14=96 R15=71

Photo Parameters:

Flux = 1531 lm Eff. : 81.56 lm/W Fe = 4.587 W

Electrical parameters:

V = 229.94 V I = 0.08592 A P = 18.77 W PF = 0.9501

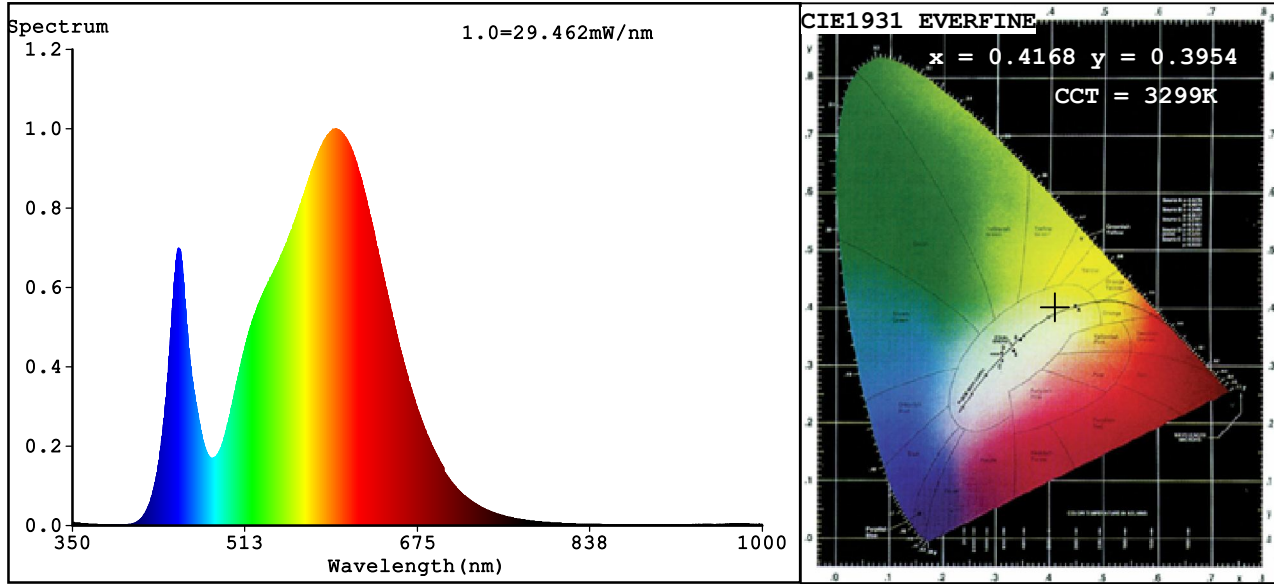
WHITE:ANSI_3500K

Status: Integral T = 36 ms Ip = 52969 (81%)

Model:LED GLASS PANEL SQUARE/18W
 Tester:Petya Marinova
 Temperature:25.3Deg
 Manufacturer:ELMARK

Number:99LED645
 Date:2017-10-03 15:42
 Humidity:65.0%
 Remarks:017V028A_3988

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.4168$ $y=0.3954$ / $u'=0.2412$ $v'=0.5149$
 CCT=3299K (Duv=-0.0003) Dominant WL:Ld =581.8nm Purity=43.8%
 Ratio:R=20.8% G=76.8% B=2.4%;; Peak WL:Lp=598.8nm FWHM=136.1nm
 Render Index:Ra=79.7
 R1 =78 R2 =87 R3 =94 R4 =78 R5 =77 R6 =82 R7 =83
 R8 =58 R9 =0 R10=69 R11=76 R12=60 R13=79 R14=96 R15=71

Photo Parameters:

Flux = 1539 lm Eff. : 81.52 lm/W Fe = 4.614 W

Electrical parameters:

V = 229.94 V I = 0.08649 A P = 18.88 W PF = 0.9495

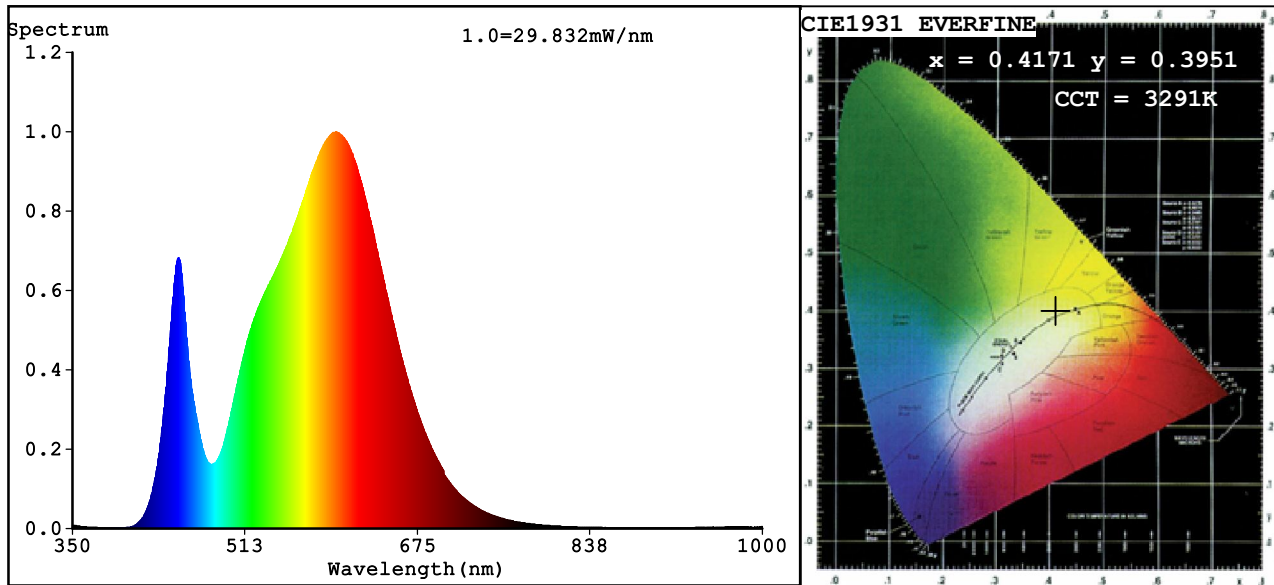
WHITE:ANSI_3500K

Status: Integral T = 36 ms Ip = 53156 (81%)

Model:LED GLASS PANEL SQUARE/18W
 Tester:Petya Marinova
 Temperature:25.3Deg
 Manufacturer:ELMARK

Number:99LED645
 Date:2017-10-03 15:47
 Humidity:65.0%
 Remarks:017V028A_3988

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.4171$ $y=0.3951$ $u'=0.2415$ $v'=0.5148$
 CCT=3291K(Duv=-0.0005) Dominant WL:Ld =581.8nm Purity=43.8%
 Ratio:R=20.8% G=76.8% B=2.4%;;Peak WL:Lp=598.8nm FWHM=136.2nm
 Render Index:Ra=79.5
 R1 =78 R2 =86 R3 =94 R4 =78 R5 =77 R6 =82 R7 =83
 R8 =58 R9 =0 R10=68 R11=76 R12=60 R13=79 R14=96 R15=71

Photo Parameters:

Flux = 1557 lm Eff. : 82.01 lm/W Fe = 4.673 W

Electrical parameters:

V = 229.94 V I = 0.08693 A P = 18.99 W PF = 0.9501

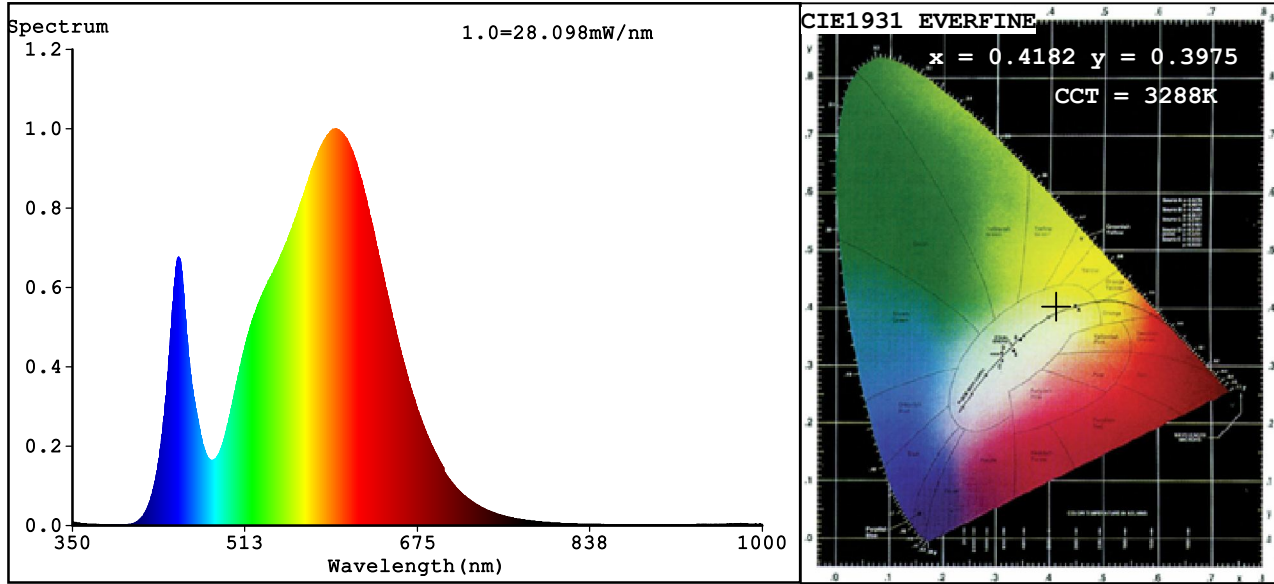
WHITE:ANSI_3500K

Status: Integral T = 36 ms Ip = 53878 (82%)

Model:LED GLASS PANEL SQUARE/18W
 Tester:Petya Marinova
 Temperature:25.3Deg
 Manufacturer:ELMARK

Number:99LED645
 Date:2017-10-03 15:51
 Humidity:65.0%
 Remarks:017V028A_3988

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.4182$ $y=0.3975$ / $u'=0.2412$ $v'=0.5160$
 CCT=3288K (Duv=0.0003) Dominant WL:Ld =581.5nm Purity=44.8%
 Ratio:R=20.7% G=76.9% B=2.4%;; Peak WL:Lp=599.1nm FWHM=136.2nm
 Render Index:Ra=79.4
 R1 =77 R2 =86 R3 =94 R4 =78 R5 =77 R6 =81 R7 =84
 R8 =58 R9 =0 R10=68 R11=75 R12=59 R13=79 R14=96 R15=71

Photo Parameters:

Flux = 1469 lm Eff. : 77.59 lm/W Fe = 4.387 W

Electrical parameters:

V = 229.96 V I = 0.08650 A P = 18.94 W PF = 0.9520

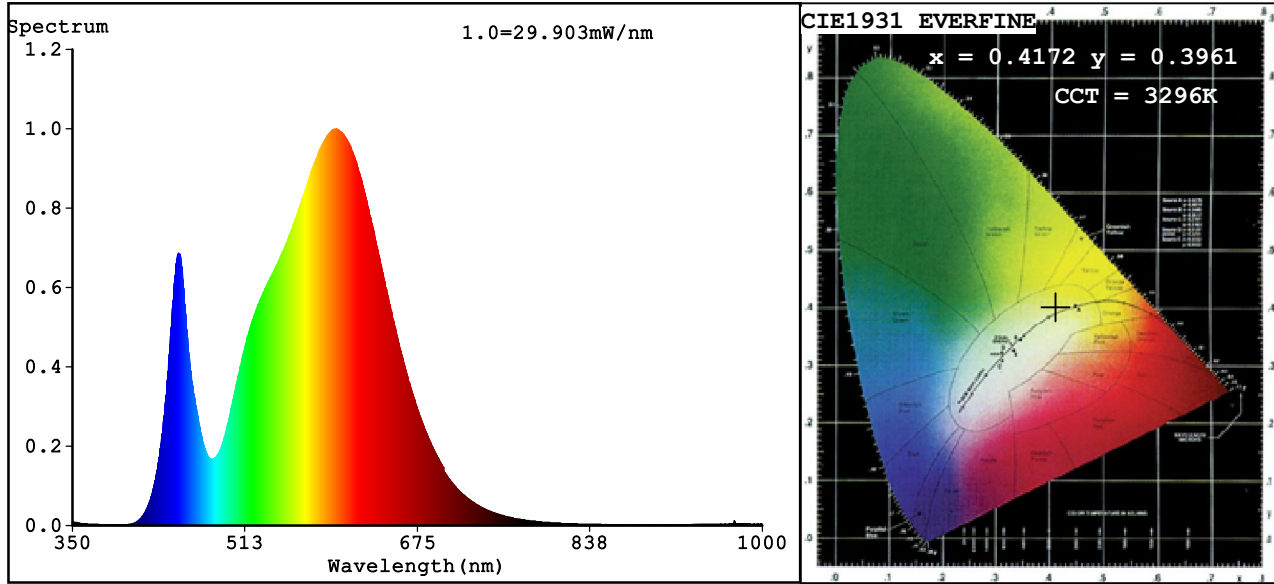
WHITE:ANSI_3500K

Status: Integral T = 36 ms Ip = 50737 (77%)

Model:LED GLASS PANEL SQUARE/18W
 Tester:Petya Marinova
 Temperature:25.3Deg
 Manufacturer:ELMARK

Number:99LED645
 Date:2017-10-03 15:55
 Humidity:65.0%
 Remarks:017V028A_3988

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.4172$ $y=0.3961$ / $u'=0.2412$ $v'=0.5152$
 CCT=3296K (Duv=-0.0001) Dominant WL:Ld =581.7nm Purity=44.1%
 Ratio:R=20.7% G=76.8% B=2.4%;; Peak WL:Lp=598.8nm FWHM=136.2nm
 Render Index:Ra=79.6
 R1 =78 R2 =87 R3 =94 R4 =78 R5 =77 R6 =82 R7 =83
 R8 =58 R9 =0 R10=68 R11=76 R12=60 R13=79 R14=96 R15=71

Photo Parameters:

Flux = 1563 lm Eff. : 81.50 lm/W Fe = 4.680 W

Electrical parameters:

V = 229.94 V I = 0.08762 A P = 19.17 W PF = 0.9516

WHITE:ANSI_3500K

Status: Integral T = 36 ms Ip = 53933 (82%)

Model:LED GLASS PANEL SQUARE/18W
 Tester:Petya Marinova
 Temperature:25.3Deg
 Manufacturer:ELMARK

Number:99LED645
 Date:2017-10-03 16:06
 Humidity:65.0%
 Remarks:017V028A_3988