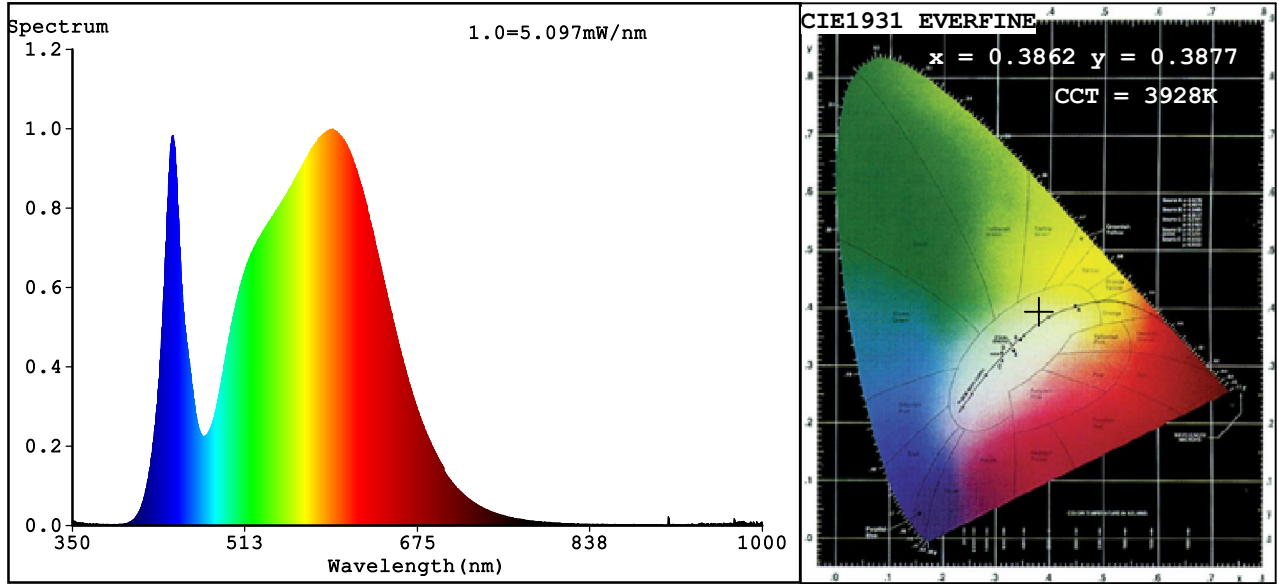


**Spectrum Test Report**



**Color Parameters:**

Chromaticity Coordinate:  $x=0.3862$   $y=0.3877$  /  $u'=0.2246$   $v'=0.5072$   
 CCT=3928K (Duv=0.0034) Dominant WL:Ld =577.7nm Purity=32.3%  
 Ratio:R=18.2% G=78.6% B=3.1%;; Peak WL:Lp=595.5nm FWHM=154.1nm  
 Render Index:Ra=81.9  
 R1 =80    R2 =86    R3 =92    R4 =83    R5 =80    R6 =82    R7 =87  
 R8 =65    R9 =7    R10=68    R11=83    R12=65    R13=81    R14=96    R15=73

**Photo Parameters:**

Flux = 298.8 lm    Eff. : 43.87 lm/W    Fe = 906.4 mW

**Electrical parameters:**

V = 229.98 V    I = 0.03416 A    P = 6.811 W PF = 0.8669

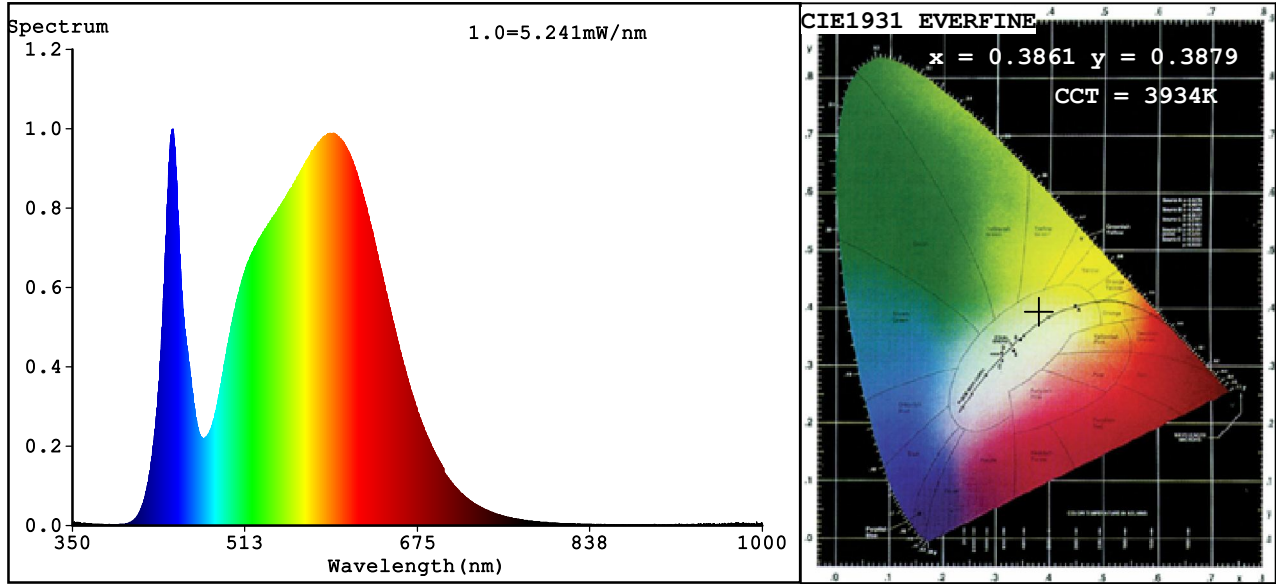
WHITE:ANSI\_4000K

Status: Integral T = 157 ms    Ip = 40714 (62%)

Model:OL9612-W2 LED/2x3W  
 Tester:Petya Marinova  
 Temperature:25.3Deg  
 Manufacturer:ELMARK

Number:9612LEDW2  
 Date:2018-04-24 16:47  
 Humidity:65.0%  
 Remarks:ESPL20180130\_4454

**Spectrum Test Report**



**Color Parameters:**

Chromaticity Coordinate:  $x=0.3861$   $y=0.3879$   $u'=0.2244$   $v'=0.5072$   
CCT=3934K(Duv=0.0035) Dominant WL:Ld =577.6nm Purity=32.3%  
Ratio:R=18.2% G=78.6% B=3.1%;;Peak WL:Lp=444.5nm FWHM=21.1nm  
Render Index:Ra=82.0  
R1 =80    R2 =86    R3 =92    R4 =83    R5 =80    R6 =82    R7 =87  
R8 =66    R9 =8    R10=68    R11=83    R12=65    R13=81    R14=96    R15=73

**Photo Parameters:**

Flux = 305.3 lm    Eff. : 45.59 lm/W    Fe = 924.9 mW

**Electrical parameters:**

V = 229.77 V    I = 0.03382 A    P = 6.697 W PF = 0.8618

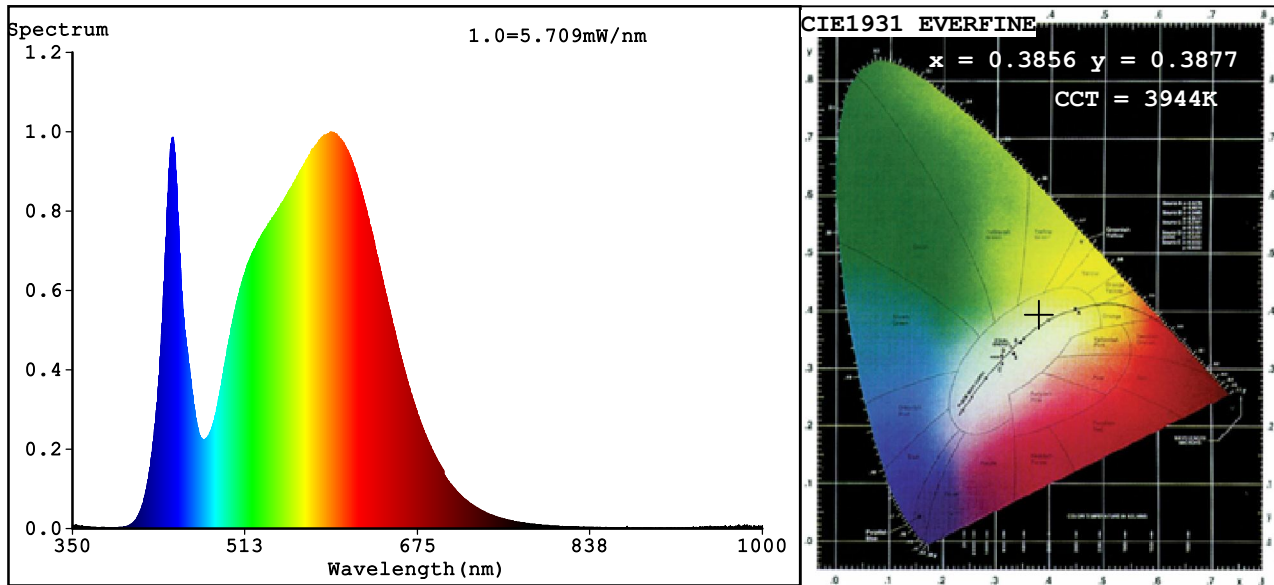
WHITE:ANSI\_4000K

Status: Integral T = 157 ms    Ip = 41473 (63%)

Model:OL9612-W2 LED/2x3W  
Tester:Petya Marinova  
Temperature:25.3Deg  
Manufacturer:ELMARK

Number:9612LEDW2  
Date:2018-04-25 08:49  
Humidity:65.0%  
Remarks:ESPL20180130\_4454

**Spectrum Test Report**



**Color Parameters:**

Chromaticity Coordinate:  $x=0.3856$   $y=0.3877$   $u'=0.2241$   $v'=0.5071$

CCT=3944K (Duv=0.0036) Dominant WL:Ld =577.6nm Purity=32.1%

Ratio:R=18.1% G=78.7% B=3.1%; Peak WL:Lp=592.8nm FWHM=153.9nm

Render Index:Ra=81.7

R1 =80      R2 =86      R3 =92      R4 =83      R5 =80      R6 =82      R7 =87

R8 =65      R9 =6      R10=67      R11=82      R12=65      R13=80      R14=96      R15=73

**Photo Parameters:**

Flux = 335.5 lm    Eff. : 42.61 lm/W    Fe = 1.017 W

**Electrical parameters:**

V = 229.90 V      I = 0.03847 A      P = 7.874 W PF = 0.8904

WHITE:ANSI\_4000K

Status: Integral T = 157 ms Ip = 45613 (70%)

Model:OL9612-W2 LED/2x3W  
Tester:Petya Marinova  
Temperature:25.3Deg  
Manufacturer:ELMARK

Number:9612LEDW2  
Date:2018-04-25 09:50  
Humidity:65.0%  
Remarks:ESPL20180130\_4454