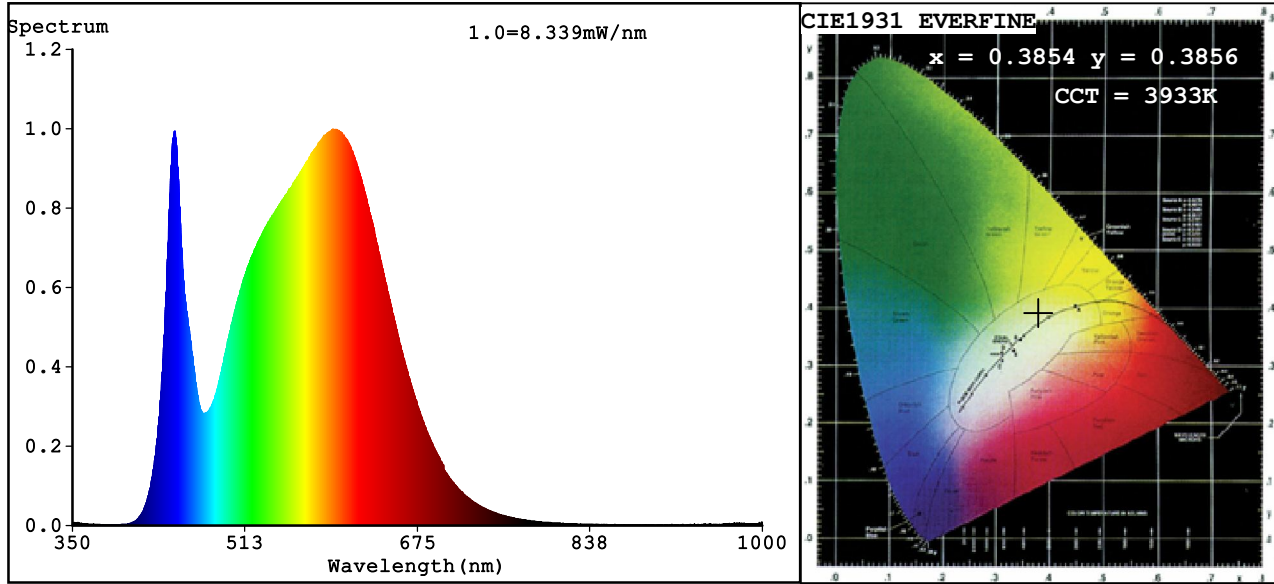


**Spectrum Test Report**



**Color Parameters:**

Chromaticity Coordinate:  $x=0.3854$   $y=0.3856/u'=0.2248$   $v'=0.5062$   
 CCT=3933K(Duv=0.0027) Dominant WL:Ld =578.0nm Purity=31.4%  
 Ratio:R=18.5% G=78.1% B=3.4%;;Peak WL:Lp=595.5nm FWHM=155.6nm  
 Render Index:Ra=83.7  
 R1 =82    R2 =88    R3 =94    R4 =84    R5 =82    R6 =84    R7 =88  
 R8 =67    R9 =14    R10=72    R11=83    R12=66    R13=83    R14=96    R15=76

**Photo Parameters:**

Flux = 490.0 lm    Eff. : 72.56 lm/W    Fe = 1.499 W

**Electrical parameters:**

V = 229.82 V    I = 0.03417 A    P = 6.753 W PF = 0.8599

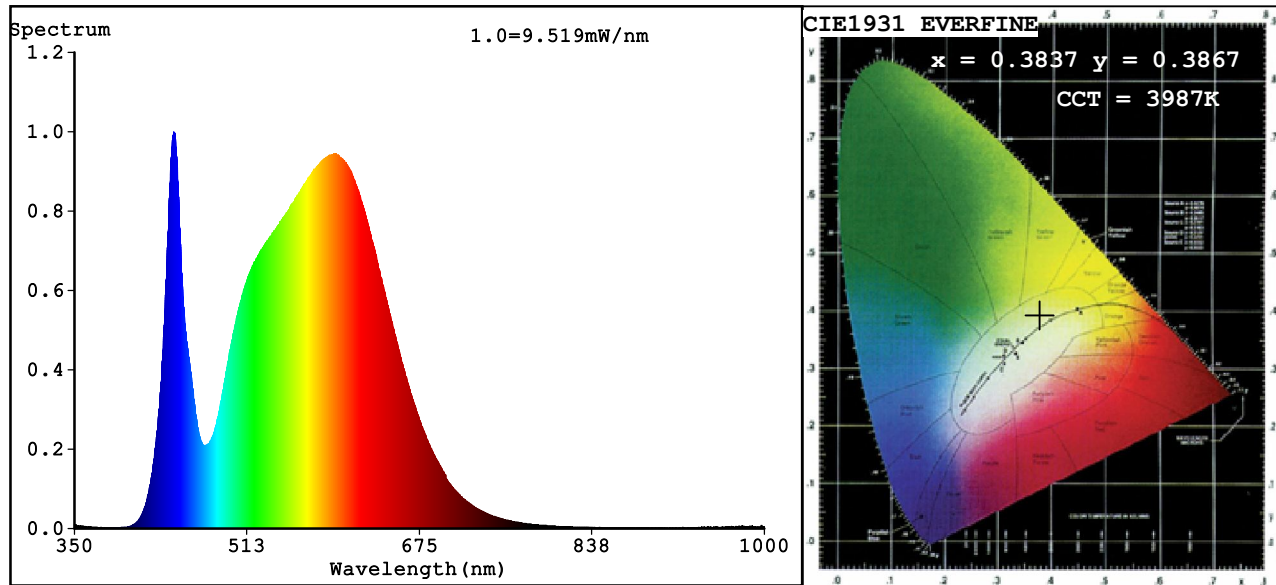
WHITE:ANSI\_4000K

Status: Integral T = 122 ms    Ip = 51318 (78%)

Model:OL9611-W2 LED/2x3W  
 Tester:Petya Marinova  
 Temperature:25.3Deg  
 Manufacturer:ELMARK

Number:9611LEDW2  
 Date:2018-04-24 13:30  
 Humidity:65.0%  
 Remarks:ESPL20180130\_4454

**Spectrum Test Report**



**Color Parameters:**

Chromaticity Coordinate:  $x=0.3837$   $y=0.3867$  /  $u'=0.2233$   $v'=0.5064$

CCT=3987K (Duv=0.0037) Dominant WL:Ld =577.3nm Purity=31.2%

Ratio:R=18.0% G=78.8% B=3.2%;; Peak WL:Lp=443.5nm FWHM=20.4nm

Render Index:Ra=81.9

R1 =80	R2 =86	R3 =92	R4 =83	R5 =80	R6 =82	R7 =87	
R8 =66	R9 =7	R10=67	R11=83	R12=65	R13=81	R14=95	R15=73

**Photo Parameters:**

Flux = 533.8 lm Eff. : 77.63 lm/W Fe = 1.617 W

**Electrical parameters:**

V = 230.05 V I = 0.03417 A P = 6.876 W PF = 0.8747

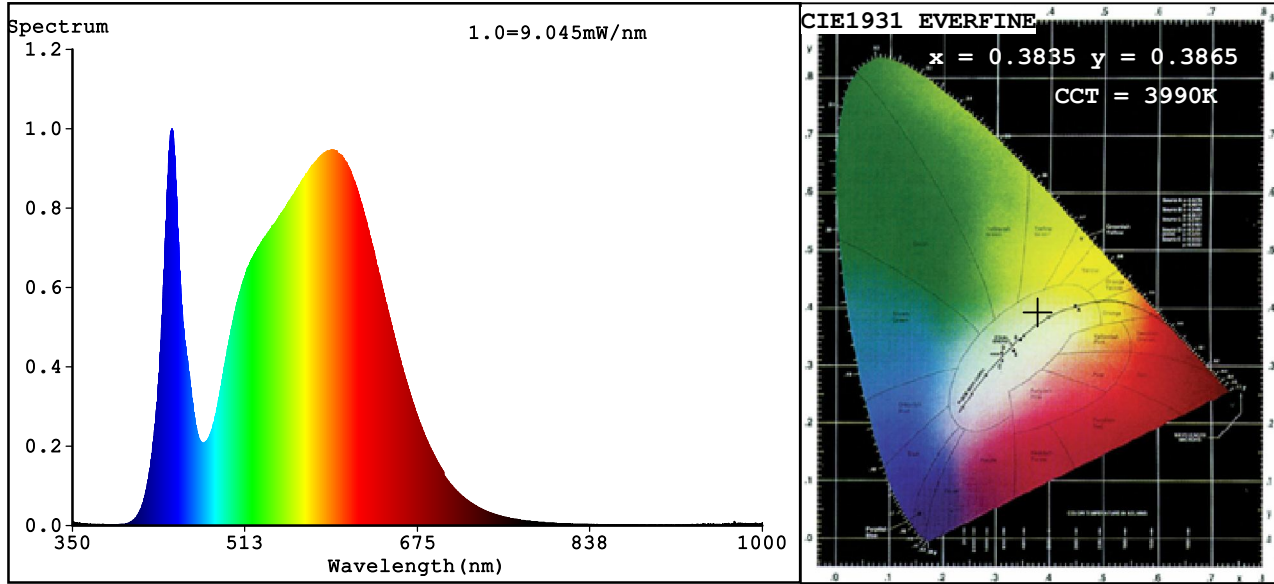
WHITE:ANSI\_4000K

Status: Integral T = 102 ms Ip = 46717 (71%)

Model:OL9611-W2 LED/2x3W  
Tester:Petya Marinova  
Temperature:25.3Deg  
Manufacturer:ELMARK

Number:9611LEDW2  
Date:2018-04-24 13:53  
Humidity:65.0%  
Remarks:ESPL20180130\_4454

**Spectrum Test Report**



**Color Parameters:**

Chromaticity Coordinate:  $x=0.3835$   $y=0.3865$   $u'=0.2232$   $v'=0.5063$   
 CCT=3990K (Duv=0.0036) Dominant WL:Ld =577.3nm Purity=31.1%  
 Ratio:R=18.0% G=78.8% B=3.2%;; Peak WL:Lp=443.8nm FWHM=20.6nm  
 Render Index:Ra=81.9  
 R1 =80 R2 =86 R3 =92 R4 =83 R5 =80 R6 =82 R7 =87  
 R8 =66 R9 =8 R10=67 R11=83 R12=66 R13=81 R14=95 R15=73

**Photo Parameters:**

Flux = 509.1 lm Eff. : 76.18 lm/W Fe = 1.543 W

**Electrical parameters:**

V = 230.05 V I = 0.03331 A P = 6.683 W PF = 0.8720

WHITE:ANSI\_4000K

Status: Integral T = 102 ms Ip = 44526 (68%)

Model:OL9611-W2 LED/2x3W  
 Tester:Petya Marinova  
 Temperature:25.3Deg  
 Manufacturer:ELMARK

Number:9611LEDW2  
 Date:2018-04-24 14:01  
 Humidity:65.0%  
 Remarks:ESPL20180130\_4454