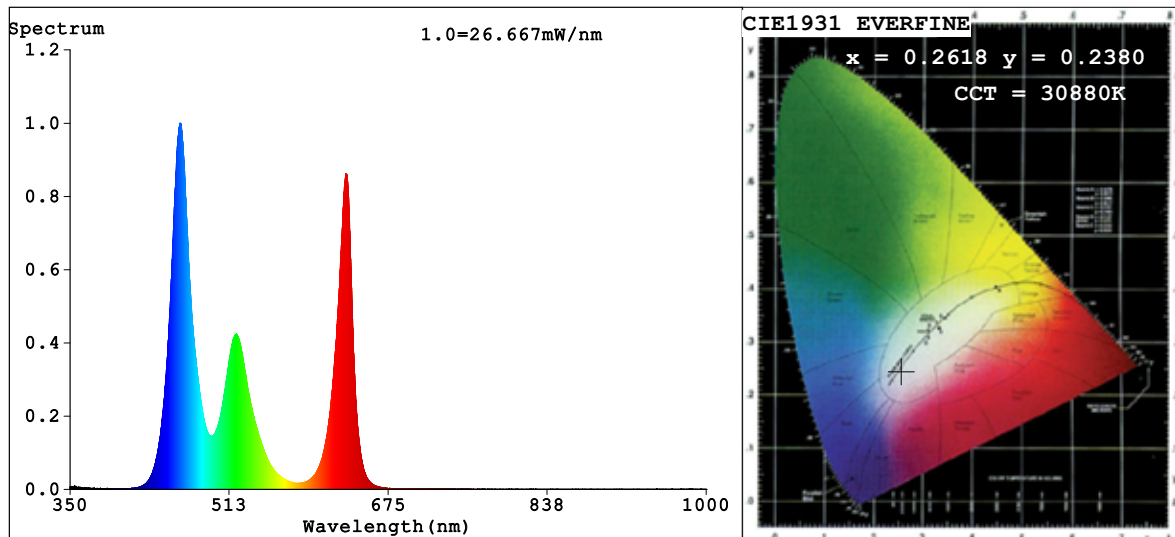


## Spectrum Test Report



### Color Parameters:

Chromaticity Coordinate:  $x=0.2618$   $y=0.2380$   $u'=0.1964$   $v'=0.4017$   
 CCT=30880K(Duv=-0.0148) Dominant WL:Ld =469.5nm Purity=34.4%  
 Ratio:R=26.4% G=60.9% B=12.8%;;Peak WL:Lp=462.5nm FWHM=21.7nm  
 Render Index:Ra=30.7 CRI=26.6 TM30:Rf=36 Rg=122  
 R1 =0 R2 =41 R3 =71 R4 =18 R5 =24 R6 =41 R7 =50  
 R8 =0 R9 =0 R10=0 R11=1 R12=45 R13=4 R14=76 R15=0

### Photo Parameters:

Flux = 334.5 lm Eff. : 27.15 lm/W Fe = 1.597 W

### Electrical parameters:

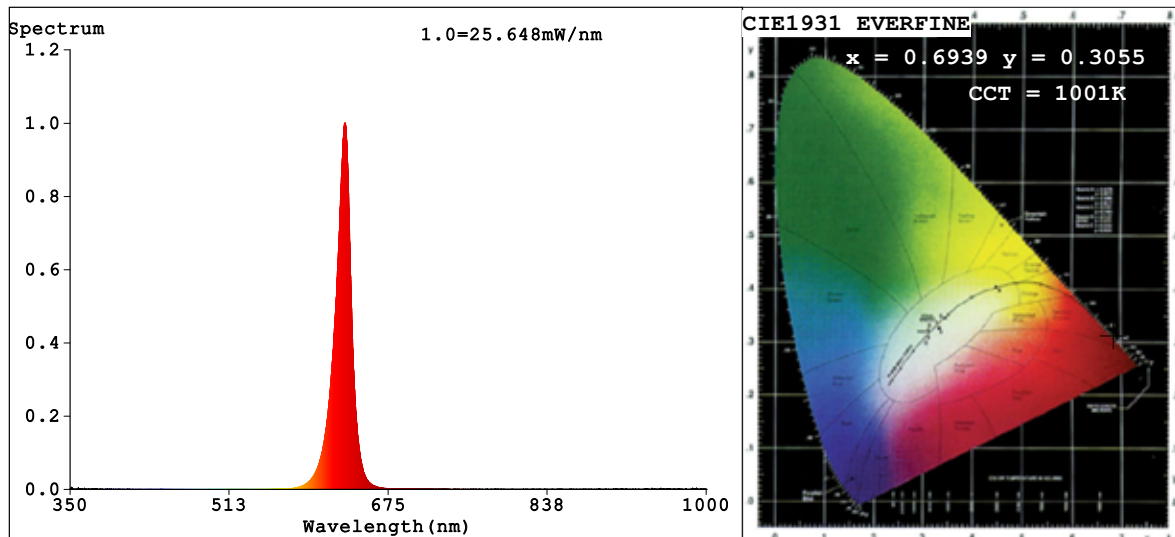
V = 11.998 V I = 1.027 A P = 12.32 W PF = 1.000

Status: Integral T = 1034 ms Ip = 48522 (74%)

Model:Ecoled Alicante  
 Tester:Sergio Carneros  
 Temperature:21Deg  
 Manufacturer:Luz Negra S.L

Number: 32.010  
 Date:01-06-2026  
 Humidity:70.0%  
 Remarks:100cm de tira flexible

## Spectrum Test Report



### Color Parameters:

Chromaticity Coordinate:  $x=0.6939$   $y=0.3055$   $u'=0.5259$   $v'=0.5209$   
 CCT=1001K (Duv=-0.0784) Dominant WL:  $\lambda_d = 621.5\text{nm}$  Purity=99.8%  
 Ratio: R=95.8% G=4.2% B=0.0%; Peak WL:  $\lambda_p = 631.0\text{nm}$  FWHM=16.0nm  
 Render Index: Ra=26.9 CRI=32.6 TM30: Rf=11 Rg=-1  
 R1 =8 R2 =78 R3 =31 R4 =0 R5 =2 R6 =90 R7 =6  
 R8 =0 R9 =0 R10=72 R11=0 R12=79 R13=30 R14=60 R15=0

### Photo Parameters:

Flux = 103.5 lm Eff. : 23.55 lm/W  $\Phi_e$  = 510.7 mW

### Electrical parameters:

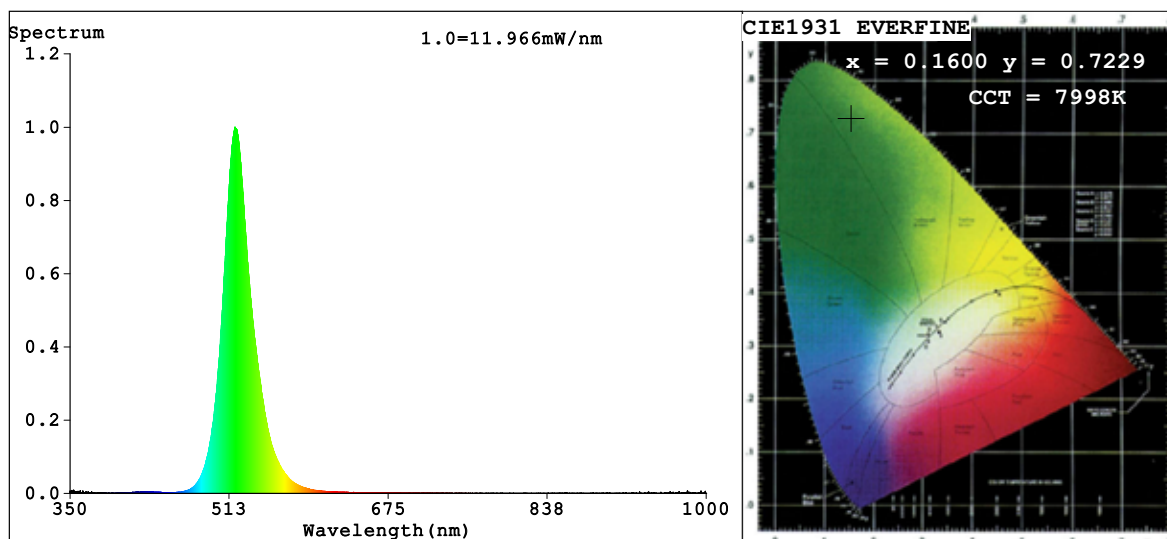
V = 11.998 V I = 0.3662 A P = 4.394 W PF = 1.000

Status: Integral T = 984 ms  $I_p$  = 38939 (59%)

Model: Alicante rojo  
 Tester: Sergio Carneros  
 Temperature: 21Deg  
 Manufacturer: Luz Negra S.L

Number: 32.010  
 Date: 01-06-2026  
 Humidity: 70.0%  
 Remarks: 100cm de tira flexible

## Spectrum Test Report



### Color Parameters:

Chromaticity Coordinate:  $x=0.1600$   $y=0.7229$   $u'=0.0564$   $v'=0.5730$

CCT=7998K(Duv=0.1600) Dominant WL:Ld =525.0nm Purity=79.0%

Ratio:R=0.3% G=97.5% B=2.2%; Peak WL:Lp=518.4nm FWHM=30.2nm

Render Index:Ra=0.0 CRI=2.9 TM30:Rf=1 Rg=8

R1 =0 R2 =0 R3 =0 R4 =0 R5 =0 R6 =0 R7 =0

R8 =0 R9 =0 R10=0 R11=0 R12=0 R13=0 R14=40 R15=0

### Photo Parameters:

Flux = 208.5 lm Eff. : 48.70 lm/W Fe = 440.3 mW

### Electrical parameters:

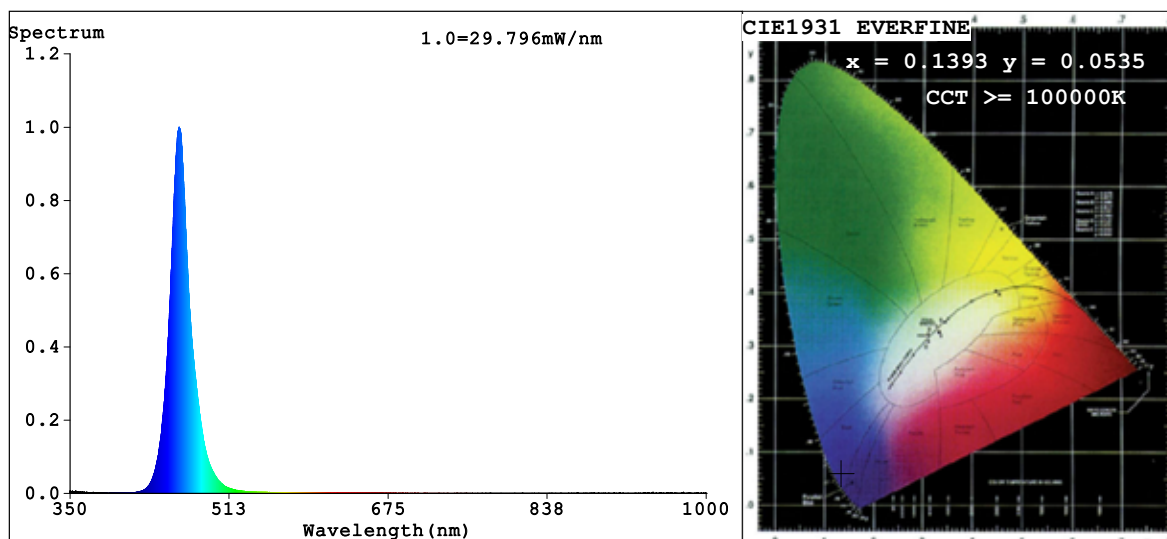
V = 11.998 V I = 0.3568 A P = 4.281 W PF = 1.000

Status: Integral T = 1969 ms Ip = 49713 (76%)

Model:Ecoled Alicante verde  
 Tester:Sergio Carneros  
 Temperature:21Deg  
 Manufacturer:Luz Negra S.L

Number: 32.010  
 Date:01-06-2026  
 Humidity:70.0%  
 Remarks:100cm de tira flexible

## Spectrum Test Report



### Color Parameters:

Chromaticity Coordinate:  $x=0.1393$   $y=0.0535$   $u'=0.1657$   $v'=0.1431$   
 CCT=100000K(Duv=0.1712) Dominant WL:Ld =466.4nm Purity=96.7%  
 Ratio:R=0.8% G=16.6% B=82.5%;;Peak WL:Lp=461.5nm FWHM=20.6nm  
 Render Index:Ra=1.1 CRI=0.6 TM30:Rf=0 Rg=119  
 R1 =0 R2 =0 R3 =0 R4 =0 R5 =9 R6 =0 R7 =0  
 R8 =0 R9 =0 R10=0 R11=0 R12=0 R13=0 R14=0 R15=6

### Photo Parameters:

Flux = 48.74 lm Eff. : 11.16 lm/W Fe = 775.9 mW

### Electrical parameters:

V = 11.998 V I = 0.3641 A P = 4.368 W PF = 1.000

Status: Integral T = 1034 ms Ip = 54195 (83%)

Model:Ecoled Alicante azul  
 Tester:Sergio Carneros  
 Temperature:21Deg  
 Manufacturer:Luz Negra S.L

Number: 32.010  
 Date:01-06-2026  
 Humidity:70.0%  
 Remarks:100cm de tria flexible