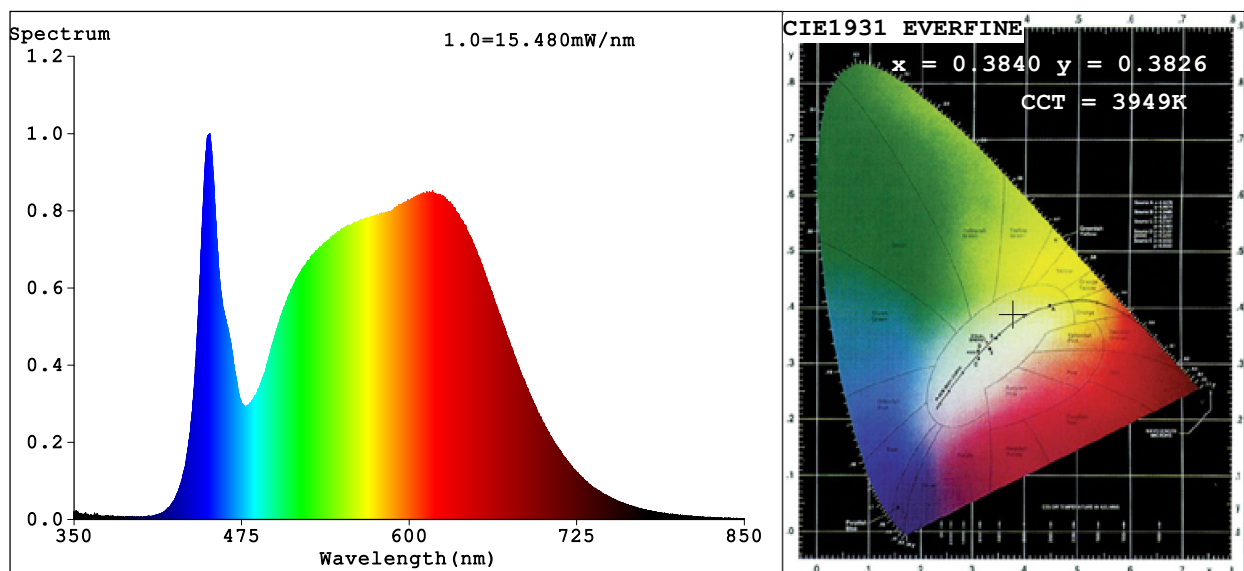


## Spectrum Test Report



### Color Parameters:

Chromaticity Coordinate:  $x=0.3840$   $y=0.3826$   $u'=0.2251$   $v'=0.5047$

CCT=3949K (Duv=0.0017) Dominant WL:Ld =578.4nm Purity=30.1%

Ratio:R=19.6% G=76.6% B=3.8%; Peak WL:Lp=451.2nm FWHM=22.1nm

Render Index:Ra=91.4 CRI=87.4 TM30:Rf=90 Rg=99

R1 =91 R2 =93 R3 =94 R4 =92 R5 =90 R6 =90 R7 =95

R8 =86 R9 =62 R10=83 R11=91 R12=68 R13=92 R14=96 R15=89

### Photo Parameters:

Flux = 817.3 lm Eff. : 90.07 lm/W Fe = 2.747 W

### Electrical parameters:

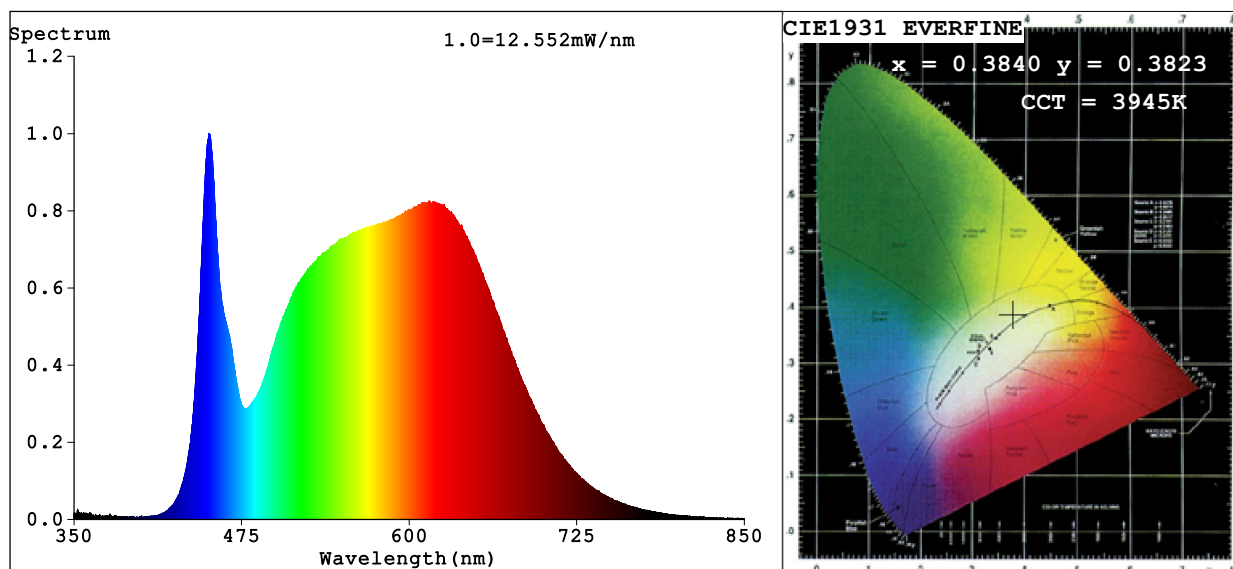
V = 230.14 V I = 0.04233 A P = 9.074 W PF = 0.9314

Status: Integral T = 2000 ms Ip = 40642 (62%)

Model:Focalis Aura  
Tester:Alejandro Hervas  
Temperature:20Deg  
Manufacturer:Luz Negra

Number:15° 8w 4000K  
Date:2026-02-24 09:16:16  
Humidity:50%  
Remarks:1 unidad ref. negro

## Spectrum Test Report



### Color Parameters:

Chromaticity Coordinate:  $x=0.3840$   $y=0.3823$   $u'=0.2253$   $v'=0.5045$

CCT=3945K (Duv=0.0015) Dominant WL:Ld =578.5nm Purity=30.0%

Ratio:R=19.6% G=76.5% B=3.8%; Peak WL:Lp=450.5nm FWHM=21.3nm

Render Index:Ra=91.6 CRI=87.6 TM30:Rf=90 Rg=99

R1 =92 R2 =94 R3 =94 R4 =92 R5 =90 R6 =90 R7 =95

R8 =86 R9 =63 R10=84 R11=91 R12=68 R13=92 R14=96 R15=89

### Photo Parameters:

Flux = 641.8 lm Eff. : 92.26 lm/W Fe = 2.161 W

### Electrical parameters:

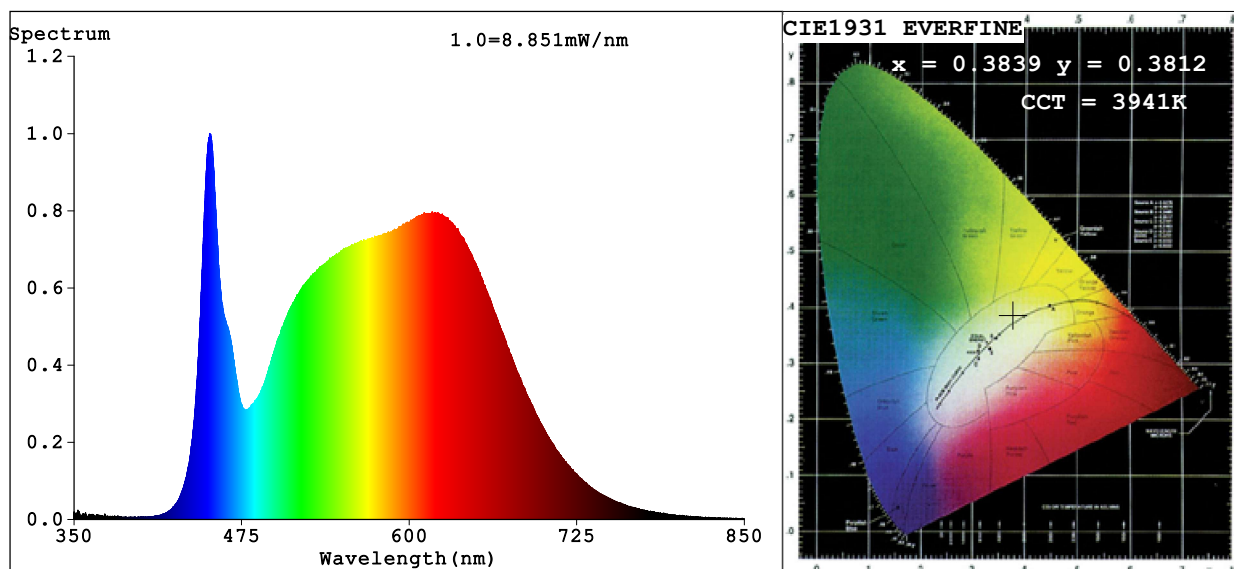
V = 230.13 V I = 0.03405 A P = 6.956 W PF = 0.8876

Status: Integral T = 2000 ms Ip = 31905 (49%)

Model:Focalis Aura  
Tester:Alejandro Hervas  
Temperature:20Deg  
Manufacturer:Luz Negra

Number:15° 6w 4000K  
Date:2026-02-24 09:17:38  
Humidity:50%  
Remarks:1 unidad ref. negro

## Spectrum Test Report



### Color Parameters:

Chromaticity Coordinate:  $x=0.3839$   $y=0.3812$   $u'=0.2256$   $v'=0.5041$

CCT=3941K (Duv=0.0011) Dominant WL:Ld =578.7nm Purity=29.6%

Ratio:R=19.8% G=76.4% B=3.9%; Peak WL:Lp=451.2nm FWHM=20.8nm

Render Index:Ra=92.1 CRI=88.3 TM30:Rf=90 Rg=99

R1 =92 R2 =94 R3 =94 R4 =92 R5 =91 R6 =91 R7 =95

R8 =87 R9 =65 R10=85 R11=92 R12=67 R13=93 R14=97 R15=90

### Photo Parameters:

Flux = 435.4 lm Eff. : 84.83 lm/W Fe = 1.472 W

### Electrical parameters:

V = 230.13 V I = 0.02671 A P = 5.132 W PF = 0.8348

Status: Integral T = 4537 ms Ip = 49231 (75%)

Model:Focalis Aura  
Tester:Alejandro Hervas  
Temperature:20Deg  
Manufacturer:Luz Negra

Number:15° 4w 4000K  
Date:2026-02-24 09:18:40  
Humidity:50%  
Remarks:1 unidad ref. negro