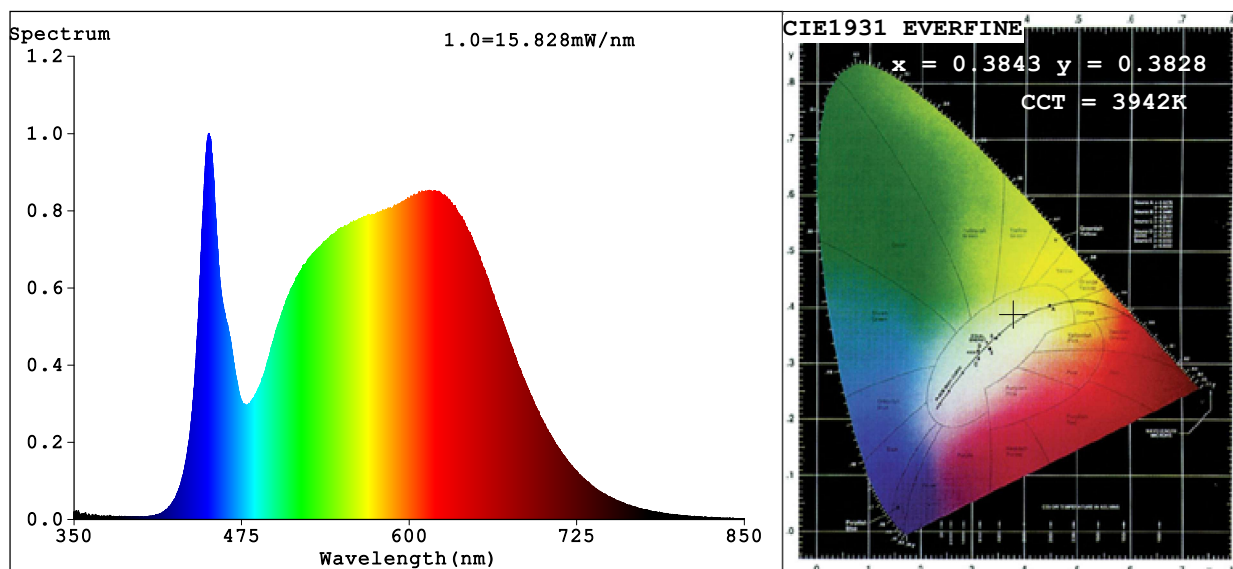


## Spectrum Test Report



### Color Parameters:

Chromaticity Coordinate:  $x=0.3843$   $y=0.3828$   $u'=0.2252$   $v'=0.5048$

CCT=3942K (Duv=0.0017) Dominant WL:Ld =578.4nm Purity=30.2%

Ratio:R=19.6% G=76.6% B=3.8%; Peak WL:Lp=450.8nm FWHM=22.3nm

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 = 840.9 lm Eff. : 92.63 lm/W Fe = 2.827 W

### Electrical parameters:

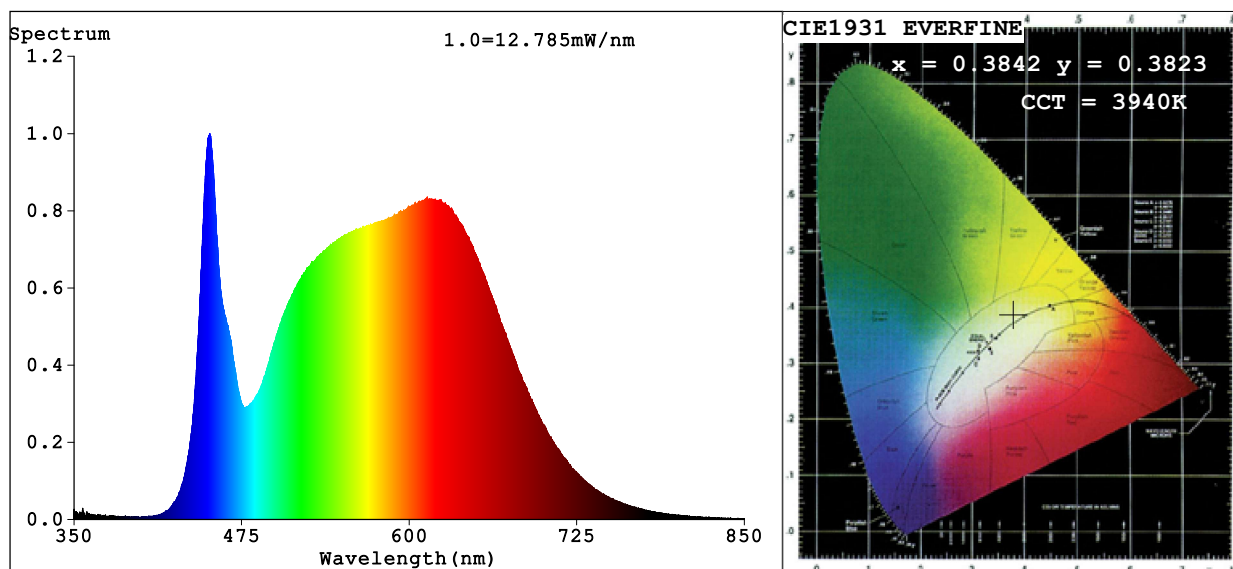
V = 230.13 V I = 0.04234 A P = 9.077 W PF = 0.9316

Status: Integral T = 2000 ms Ip = 41789 (64%)

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

Number:24° 8w 4000K  
Date:2026-02-24 09:49:38  
Humidity:50%  
Remarks:1 unidad ref. blanco

## Spectrum Test Report



### Color Parameters:

Chromaticity Coordinate:  $x=0.3842$   $y=0.3823$   $u'=0.2254$   $v'=0.5046$   
 CCT=3940K (Duv=0.0015) Dominant WL:Ld =578.5nm Purity=30.0%  
 Ratio:R=19.7% G=76.5% B=3.8%; Peak WL:Lp=451.2nm FWHM=22.0nm  
 Render Index:Ra=91.7 CRI=87.7 TM30:Rf=90 Rg=99  
 R1 =92 R2 =94 R3 =94 R4 =92 R5 =91 R6 =90 R7 =95  
 R8 =86 R9 =63 R10=84 R11=91 R12=68 R13=92 R14=96 R15=89

### Photo Parameters:

Flux = 658.8 lm Eff. : 94.88 lm/W Fe = 2.220 W

### Electrical parameters:

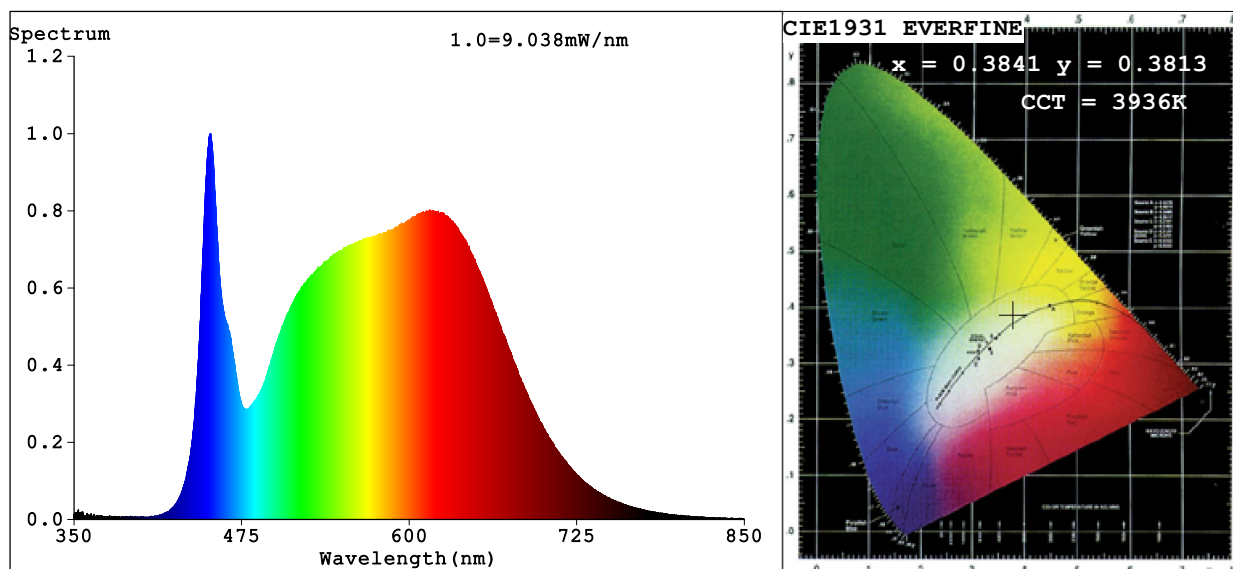
V = 230.14 V I = 0.03394 A P = 6.943 W PF = 0.8890

Status: Integral T = 2000 ms Ip = 32829 (50%)

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

Number:24° 6w 4000K  
 Date:2026-02-24 09:50:28  
 Humidity:50%  
 Remarks:1 unidad ref. blanco

## Spectrum Test Report



### Color Parameters:

Chromaticity Coordinate:  $x=0.3841$   $y=0.3813$   $u'=0.2257$   $v'=0.5041$

CCT=3936K (Duv=0.0011) Dominant WL:Ld =578.8nm Purity=29.7%

Ratio:R=19.8% G=76.3% B=3.9%; Peak WL:Lp=451.9nm FWHM=20.8nm

Render Index:Ra=92.2 CRI=88.4 TM30:Rf=90 Rg=99

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

R8 =87 R9 =65 R10=85 R11=92 R12=68 R13=93 R14=97 R15=90

### Photo Parameters:

Flux = 446.5 lm Eff. : 87.65 lm/W Fe = 1.511 W

### Electrical parameters:

V = 230.14 V I = 0.02657 A P = 5.094 W PF = 0.8329

Status: Integral T = 4405 ms Ip = 48851 (75%)

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

Number:24° 4w 4000K  
Date:2026-02-24 09:51:03  
Humidity:50%  
Remarks:1 unidad ref. blanco