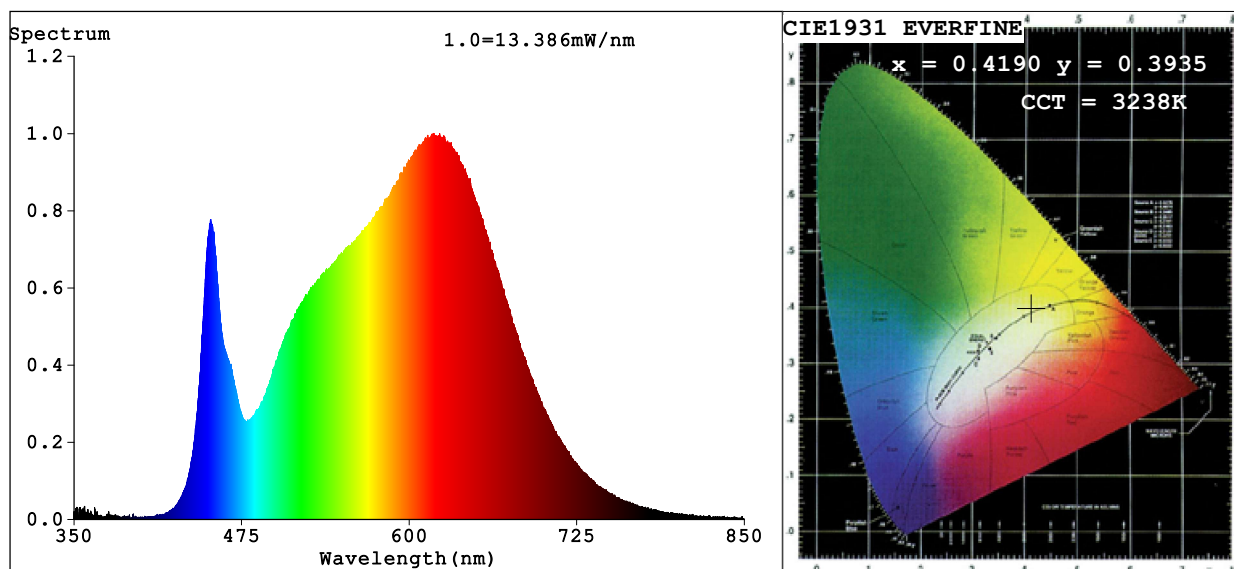


## Spectrum Test Report



### Color Parameters:

Chromaticity Coordinate:  $x=0.4190$   $y=0.3935$   $u'=0.2435$   $v'=0.5144$   
CCT=3238K (Duv=-0.0015) Dominant WL:Ld =582.5nm Purity=43.8%  
Ratio:R=23.1% G=73.7% B=3.2%; Peak WL:Lp=618.4nm FWHM=167.3nm  
Render Index:Ra=93.3 CRI=90.3 TM30:Rf=90 Rg=100  
R1 =94 R2 =97 R3 =97 R4 =93 R5 =93 R6 =95 R7 =93  
R8 =85 R9 =64 R10=90 R11=94 R12=77 R13=95 R14=98 R15=91

### Photo Parameters:

Flux = 698.5 lm Eff. : 82.59 lm/W Fe = 2.399 W

### Electrical parameters:

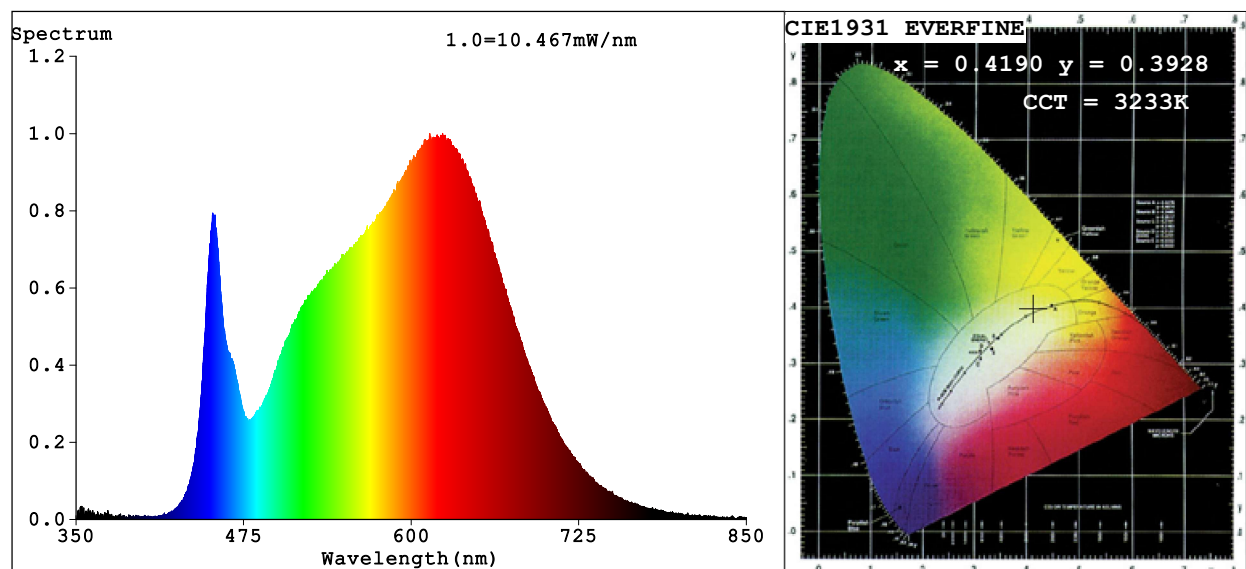
V = 230.09 V I = 0.03981 A P = 8.457 W PF = 0.9232

Status: Integral T = 500 ms Ip = 11808 (18%)

Model:Focalis Aura  
Tester:Sergio Carneros  
Temperature:20Deg  
Manufacturer:Luz Negra

Number:24° 8w 3200k  
Date:2026-02-13 12:07:53  
Humidity:50%  
Remarks:1 unidad ref.negro

## Spectrum Test Report



### Color Parameters:

Chromaticity Coordinate:  $x=0.4190$   $y=0.3928$   $u'=0.2438$   $v'=0.5142$   
CCT=3233K (Duv=-0.0018) Dominant WL:Ld =582.6nm Purity=43.6%  
Ratio:R=23.2% G=73.6% B=3.2%; Peak WL:Lp=623.4nm FWHM=167.6nm  
Render Index:Ra=93.5 CRI=90.6 TM30:Rf=90 Rg=100  
R1 =94 R2 =97 R3 =97 R4 =94 R5 =94 R6 =95 R7 =93  
R8 =85 R9 =65 R10=91 R11=94 R12=77 R13=95 R14=98 R15=91

### Photo Parameters:

Flux = 543.0 lm Eff. : 82.11 lm/W Fe = 1.870 W

### Electrical parameters:

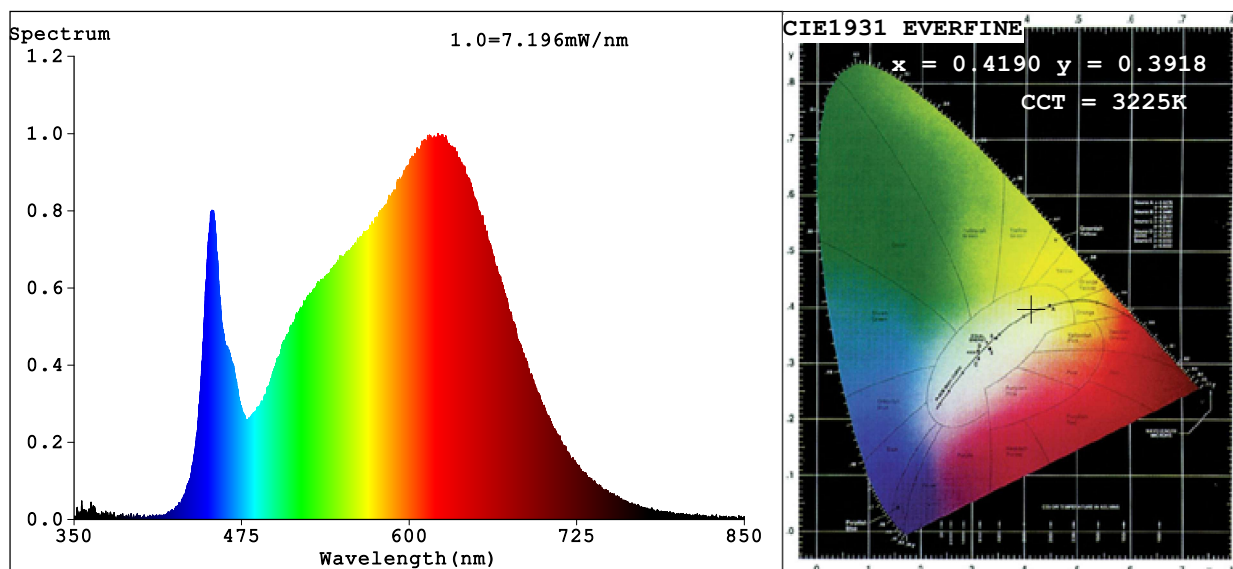
V = 230.11 V I = 0.03250 A P = 6.613 W PF = 0.8841

Status: Integral T = 500 ms Ip = 9259 (14%)

Model:Focalis Aura  
Tester:Sergio Carneros  
Temperature:20Deg  
Manufacturer:Luz Negra

Number:24° 6w 3200k  
Date:2026-02-13 12:08:45  
Humidity:50%  
Remarks:1 unidad ref.negro

## Spectrum Test Report



### Color Parameters:

Chromaticity Coordinate:  $x=0.4190$   $y=0.3918$   $u'=0.2441$   $v'=0.5138$   
 CCT=3225K (Duv=-0.0022) Dominant WL:Ld =582.8nm Purity=43.3%  
 Ratio:R=23.3% G=73.4% B=3.3%; Peak WL:Lp=621.4nm FWHM=167.4nm  
 Render Index:Ra=93.9 CRI=91.1 TM30:Rf=90 Rg=100  
 R1 =95 R2 =98 R3 =98 R4 =94 R5 =94 R6 =95 R7 =93  
 R8 =85 R9 =67 R10=93 R11=94 R12=77 R13=96 R14=98 R15=92

### Photo Parameters:

Flux = 371.2 lm Eff. : 77.52 lm/W Fe = 1.283 W

### Electrical parameters:

V = 230.10 V I = 0.02542 A P = 4.789 W PF = 0.8188

Status: Integral T = 500 ms Ip = 6366 (10%)

Model:Focalis Aura  
 Tester:Sergio Carneros  
 Temperature:20Deg  
 Manufacturer:Luz Negra

Number:24° 4w 3200k  
 Date:2026-02-13 12:10:52  
 Humidity:50%  
 Remarks:1 unidad ref.negro