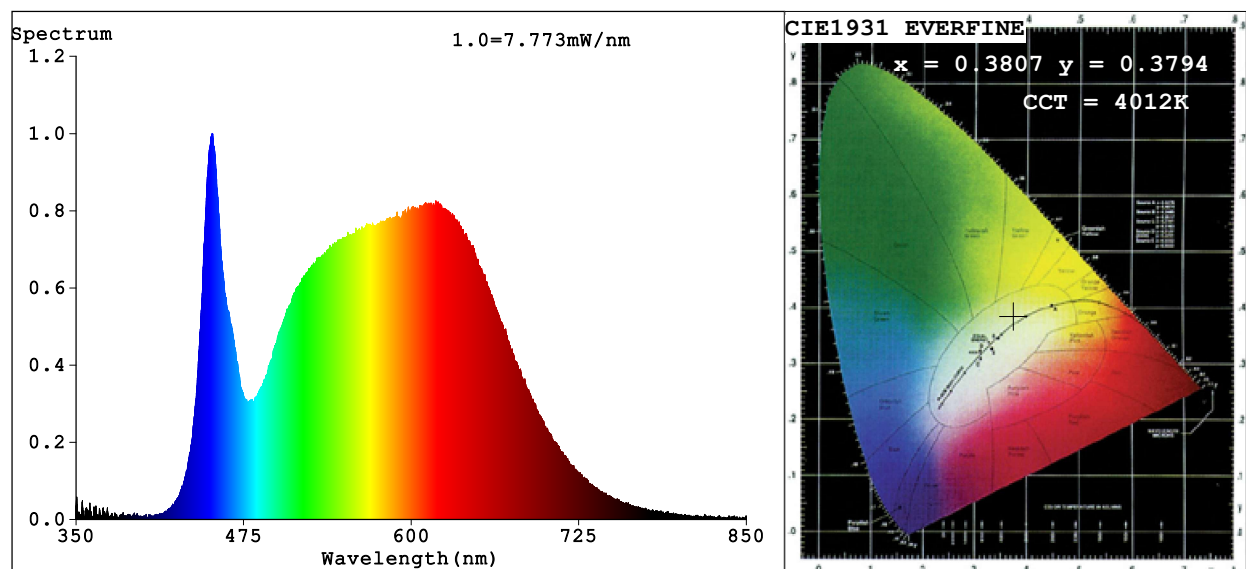


## Spectrum Test Report



### Color Parameters:

Chromaticity Coordinate:  $x=0.3807$   $y=0.3794$   $u'=0.2242$   $v'=0.5028$   
 CCT=4012K (Duv=0.0012) Dominant WL:Ld =578.4nm Purity=28.1%  
 Ratio:R=19.4% G=76.6% B=3.9%; Peak WL:Lp=451.6nm FWHM=23.4nm  
 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 =62 R10=84 R11=91 R12=67 R13=92 R14=96 R15=89

### Photo Parameters:

Flux = 398.1 lm Eff. : 44.79 lm/W Fe = 1.344 W

### Electrical parameters:

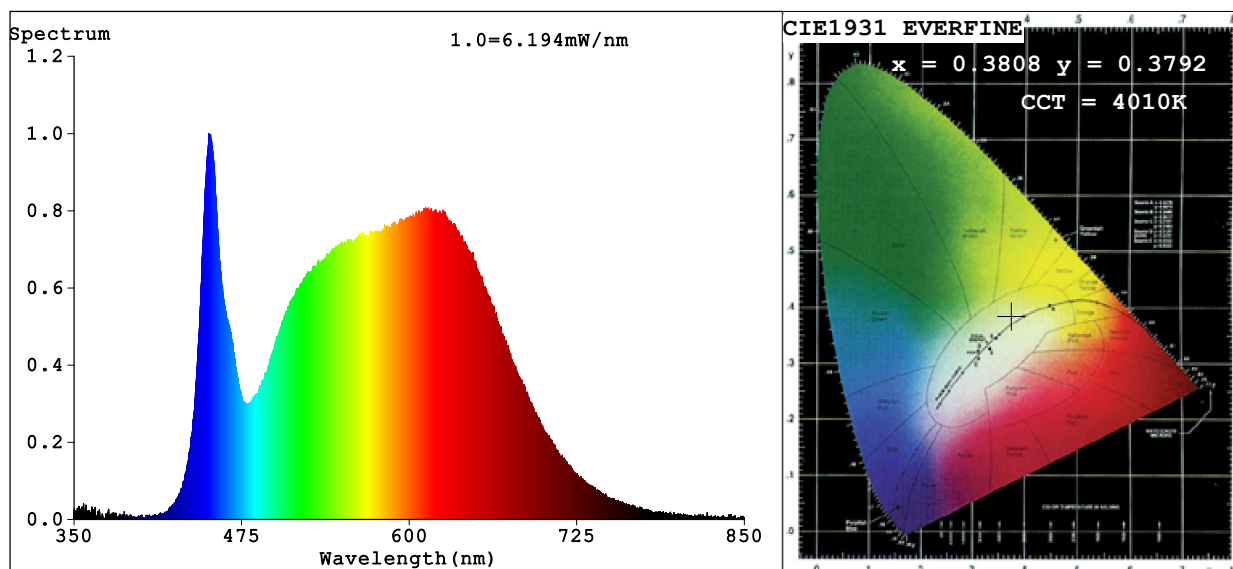
V = 230.13 V I = 0.04163 A P = 8.889 W PF = 0.9279

Status: Integral T = 500 ms Ip = 5935 (9%)

Model:Focalis Neo 8W  
 Tester:Sergio Carneros  
 Temperature:20Deg  
 Manufacturer:Luz Negra

Number:4000K maximo adentro  
 Date:2026-02-17 08:34:11  
 Humidity:50%  
 Remarks:1 unidad

## Spectrum Test Report



### Color Parameters:

Chromaticity Coordinate:  $x=0.3808$   $y=0.3792$   $u'=0.2243$   $v'=0.5027$

CCT=4010K (Duv=0.0011) Dominant WL:Ld =578.5nm Purity=28.1%

Ratio:R=19.5% G=76.5% B=4.0%; Peak WL:Lp=450.5nm FWHM=23.1nm

Render Index:Ra=91.9 CRI=88.0 TM30:Rf=90 Rg=99

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

R8 =86 R9 =64 R10=85 R11=91 R12=67 R13=93 R14=97 R15=90

### Photo Parameters:

Flux = 309.3 lm Eff. : 45.84 lm/W Fe = 1.047 W

### Electrical parameters:

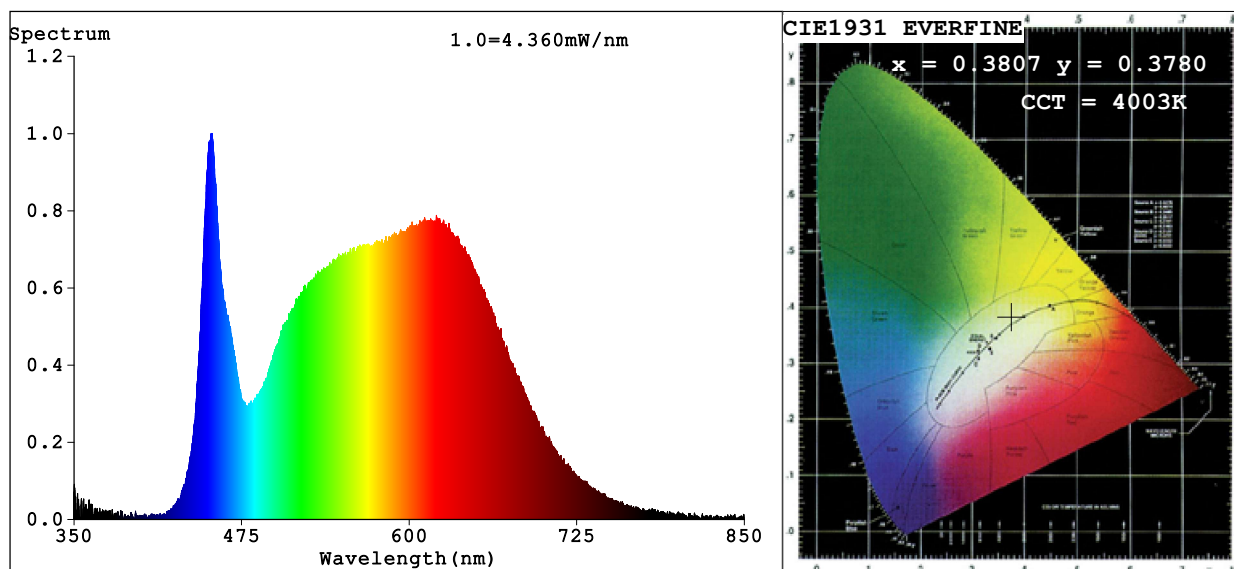
V = 230.12 V I = 0.03359 A P = 6.747 W PF = 0.8728

Status: Integral T = 500 ms Ip = 4570 (7%)

Model:Focalis Neo 6W  
 Tester:Sergio Carneros  
 Temperature:20Deg  
 Manufacturer:Luz Negra

Number:4000K maximo adentro  
 Date:2026-02-17 08:34:41  
 Humidity:50%  
 Remarks:1 unidad

## Spectrum Test Report



### Color Parameters:

Chromaticity Coordinate:  $x=0.3807$   $y=0.3780$   $u'=0.2248$   $v'=0.5022$

CCT=4003K (Duv=0.0005) Dominant WL:Ld =578.8nm Purity=27.7%

Ratio:R=19.6% G=76.3% B=4.0%; Peak WL:Lp=452.9nm FWHM=21.9nm

Render Index:Ra=92.3 CRI=88.6 TM30:Rf=90 Rg=99

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

R8 =87 R9 =66 R10=86 R11=92 R12=67 R13=93 R14=97 R15=91

### Photo Parameters:

Flux = 209.1 lm Eff. : 43.82 lm/W Fe = 711.0 mW

### Electrical parameters:

V = 230.14 V I = 0.02526 A P = 4.771 W PF = 0.8208

Status: Integral T = 500 ms Ip = 3112 (5%)

Model:Focalis Neo 4W  
 Tester:Sergio Carneros  
 Temperature:20Deg  
 Manufacturer:Luz Negra

Number:4000K maximo adentro  
 Date:2026-02-17 08:35:04  
 Humidity:50%  
 Remarks:1 unidad