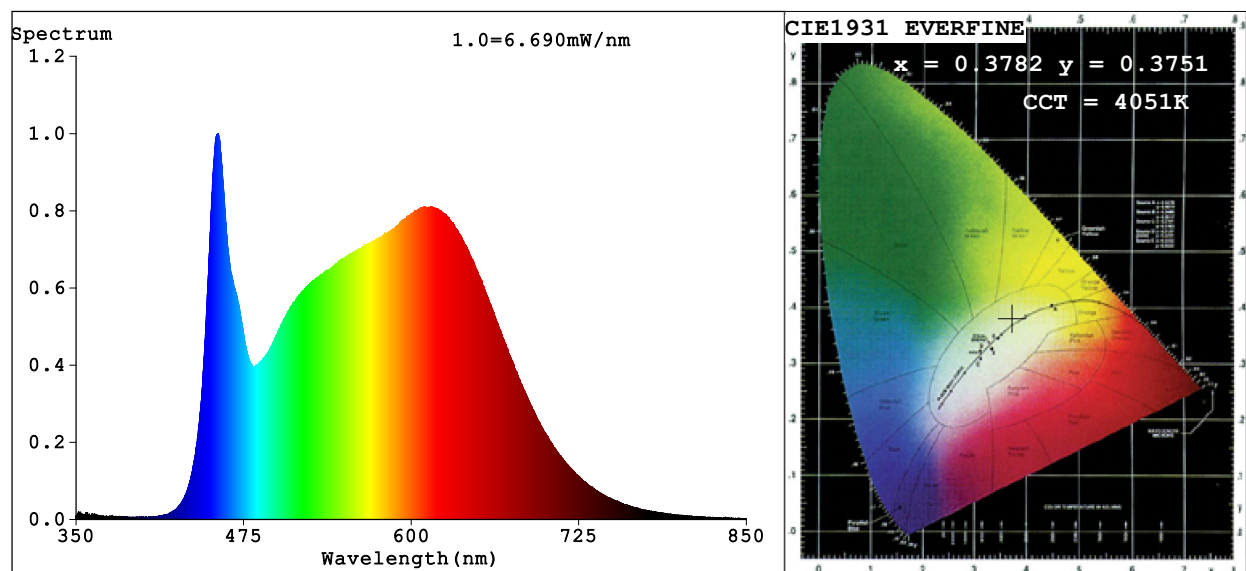


## Spectrum Test Report



### Color Parameters:

Chromaticity Coordinate:  $x=0.3782$   $y=0.3751$   $u'=0.2243$   $v'=0.5005$

CCT=4051K (Duv=-0.0001) Dominant WL:Ld =578.9nm Purity=26.1%

Ratio:R=19.9% G=75.4% B=4.7%; Peak WL:Lp=456.0nm FWHM=27.4nm

Render Index:Ra=93.6 CRI=91.0 TM30:Rf=89 Rg=97

R1 =95 R2 =99 R3 =98 R4 =91 R5 =93 R6 =95 R7 =92

R8 =86 R9 =69 R10=96 R11=92 R12=70 R13=97 R14=100 R15=92

### Photo Parameters:

Flux = 330.3 lm Eff. : 51.15 lm/W Fe = 1.128 W

### Electrical parameters:

V = 23.998 V I = 0.2691 A P = 6.458 W PF = 1.000

Status: Integral T = 5000 ms Ip = 49651 (76%)

Model:Filo Comfort 23  
Tester:Sergio Carneros  
Temperature:20Deg  
Manufacturer:Luz Negra

Number:4000K  
Date:2026-02-18 12:26:39  
Humidity:50%  
Remarks:1 unidad