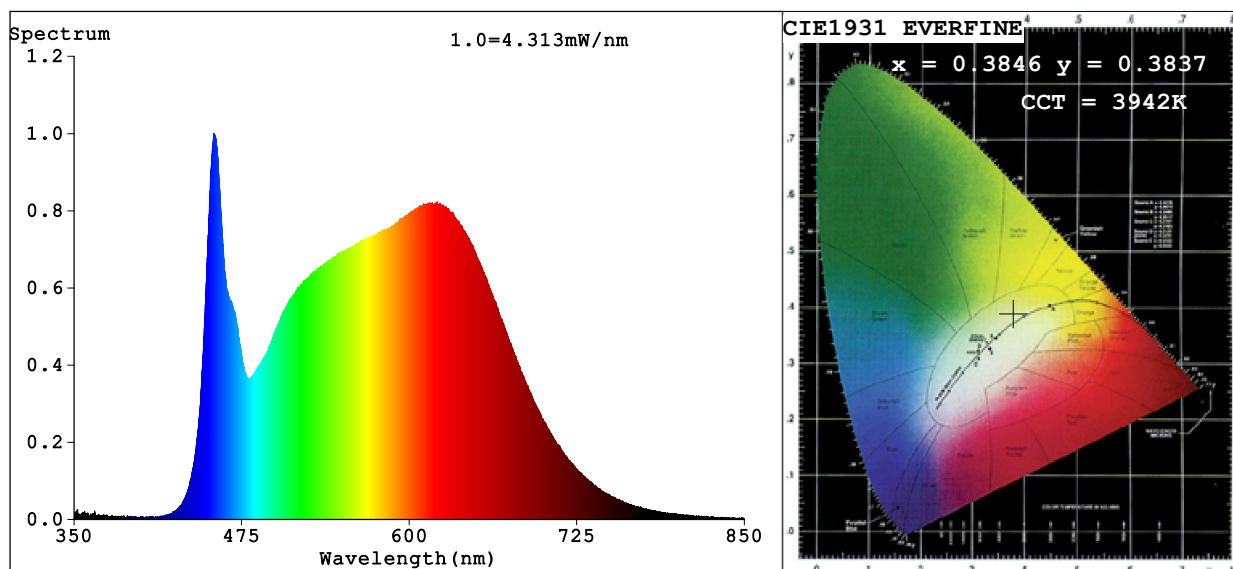


Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3846$ $y=0.3837$ $u'=0.2250$ $v'=0.5052$

$CCT=3942K$ ($Duv=0.0021$) Dominant WL: $L_d = 578.3nm$ Purity=30.6%

Ratio: $R=20.0\%$ $G=75.6\%$ $B=4.4\%$; Peak WL: $L_p=454.3nm$ FWHM=24.6nm

Render Index: $R_a=93.9$ CRI=91.0 TM30: $R_f=89$ $R_g=97$

$R_1 = 95$ $R_2 = 98$ $R_3 = 99$ $R_4 = 92$ $R_5 = 93$ $R_6 = 95$ $R_7 = 93$

$R_8 = 87$ $R_9 = 71$ $R_{10}=94$ $R_{11}=93$ $R_{12}=69$ $R_{13}=96$ $R_{14}=99$ $R_{15}=92$

Photo Parameters:

Flux = 216.2 lm Eff. : 32.00 lm/W $F_e = 741.6$ mW

Electrical parameters:

$V = 23.998$ V $I = 0.2815$ A $P = 6.755$ W PF = 1.000

Status: Integral $T = 5000$ ms $I_p = 32100$ (49%)

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

Number: 4000k
Date: 2026-02-18 12:32:30
Humidity: 50%
Remarks: 1 unidad