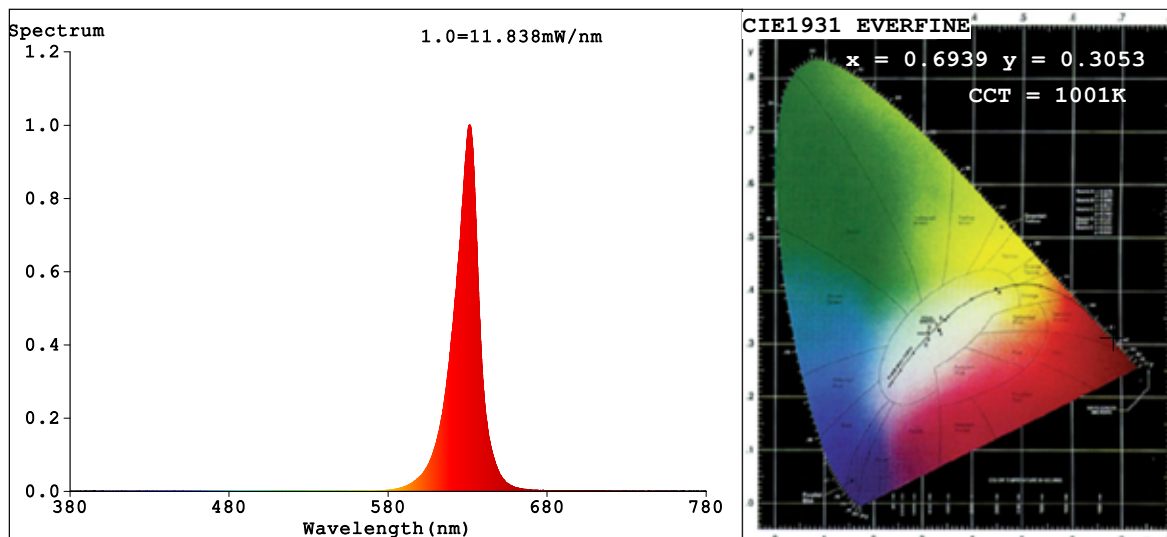


Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.6939$ $y=0.3053$ $u'=0.5261$ $v'=0.5208$
 CCT=1001K (Duv=-0.0786) Dominant WL: $\lambda_d = 621.6\text{nm}$ Purity=99.8%
 Ratio: R=95.7% G=4.3% B=0.0%; Peak WL: $\lambda_p = 631.6\text{nm}$ FWHM=15.6nm
 Render Index: Ra=27.3 CRI=33.0 TM30: Rf=13 Rg=-1 Lav=629.2nm
 R1 =8 R2 =79 R3 =32 R4 =0 R5 =3 R6 =90 R7 =6
 R8 =0 R9 =0 R10=72 R11=0 R12=79 R13=31 R14=60 R15=0

Photo Parameters:

Flux = 46.38 lm Eff. : 11.06 lm/W Fe = 229.2 mW

Electrical parameters:

V = 11.998 V I = 0.3496 A P = 4.195 W PF = 1.000

Status: Integral T = 1768 ms Ip = 33821 (52%)

Model: Ecoled Rubi pro rojo
 Tester: Sergio Carneros
 Temperature: 27Deg
 Manufacturer: Luz Negra

Number: 30.090
 Date: 01-06-2026
 Humidity: 57%
 Remarks: 100cm de tira flexible