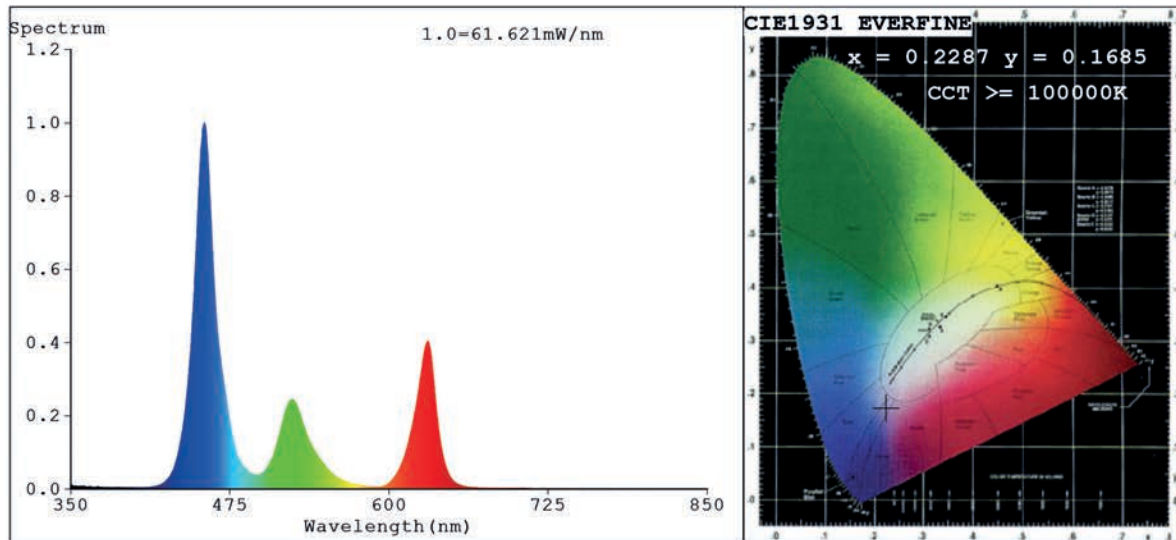


Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.2287$ $y=0.1685$ $u'=0.2004$ $v'=0.3323$
 $CCT=100000K$ ($Duv=-0.0486$) Dominant WL: $\lambda_d = 461.3nm$ Purity=54.7%
 Ratio: R=24.7% G=61.9% B=13.4%; Peak WL: $\lambda_p = 455.0nm$ FWHM=17.3nm
 Render Index: $R_a=43.4$ CRI=37.4 TM30: $R_f=36$ $R_g=147$
 R1 =11 R2 =41 R3 =89 R4 =49 R5 =39 R6 =46 R7 =72
 R8 =0 R9 =0 R10=0 R11=33 R12=47 R13=12 R14=86 R15=0

Photo Parameters:

Flux = 425.7 lm Eff. : 31.11 lm/W $\Phi_e = 2.429 W$

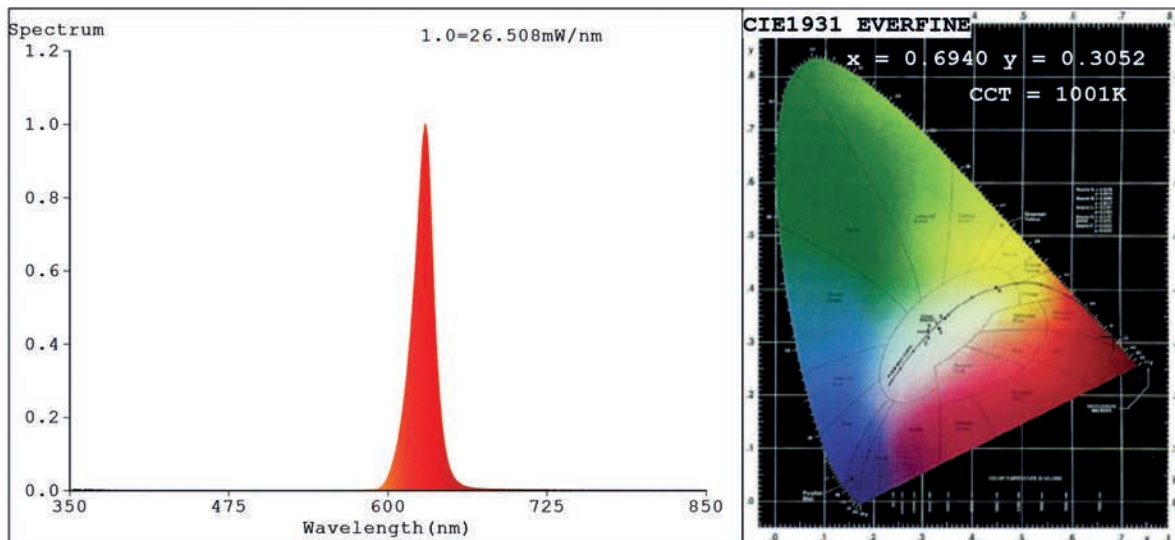
Electrical parameters:

$V = 23.998 V$ $I = 0.5703 A$ $P = 13.69 W$ PF = 1.000

Status: Integral T = 514 ms $I_p = 43164$ (66%)

Model: Ecoled COB RGB Roll to roll	Number: 31.242 (R+G+B)
Tester: Sergio Carneros	Date: 2025-06-17 08:15:15
Temperature: 20Deg	Humidity: 50%
Manufacturer: Luz Negra	Remarks: 100cm de tira flexible

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.6940$ $y=0.3052$ / $u'=0.5263$ $v'=0.5208$
 CCT=1001K (Duv=-0.0788) Dominant WL: $L_d = 621.7nm$ Purity=99.8%
 Ratio: R=98.1% G=1.9% B=0.0%; Peak WL: $L_p = 629.3nm$ FWHM=17.4nm
 Render Index: $R_a = 24.9$ CRI=31.2 TM30: $R_f = 4$ $R_g = -1$
 R1 = 4 R2 = 79 R3 = 26 R4 = 0 R5 = 0 R6 = 91 R7 = 0
 R8 = 0 R9 = 0 R10 = 73 R11 = 0 R12 = 79 R13 = 29 R14 = 57 R15 = 0

Photo Parameters:

Flux = 114.6 lm Eff. : 19.71 lm/W Fe = 553.2 mW

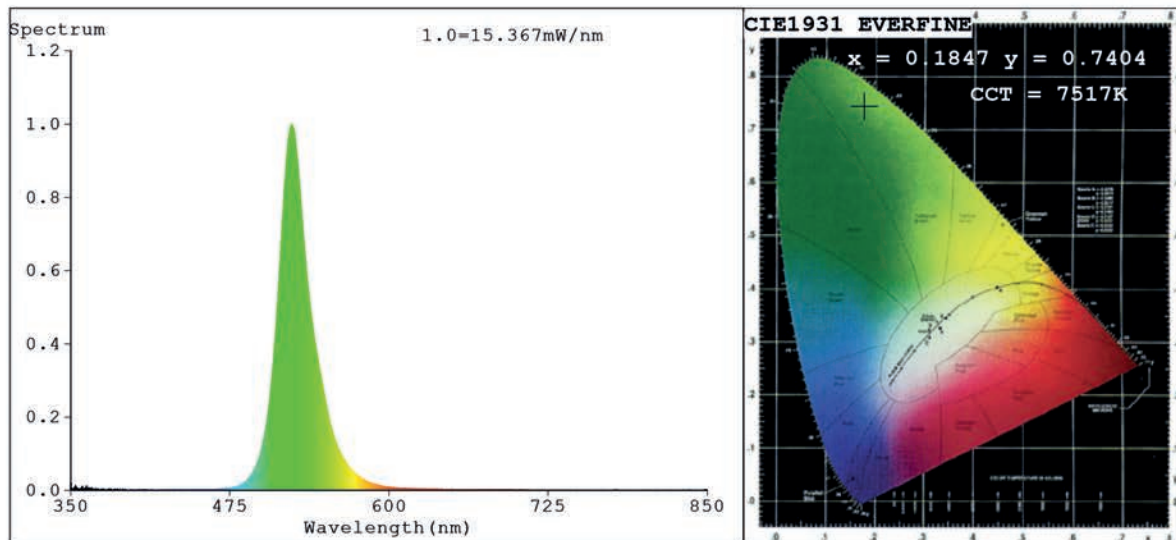
Electrical parameters:

V = 23.998 V I = 0.2422 A P = 5.812 W PF = 1.000

Status: Integral T = 1070 ms $I_p = 49312$ (75%)

Model: Ecoled COB RGB Roll to roll	Number: 31.242 (R)
Tester: Sergio Carneros	Date: 2025-06-17 08:16:19
Temperature: 20Deg	Humidity: 50%
Manufacturer: Luz Negra	Remarks: 100cm de tira flexible

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.1847$ $y=0.7404$ $u'=0.0642$ $v'=0.5787$
 CCT=7517K (Duv=0.1553) Dominant WL:Ld =531.0nm Purity=87.0%
 Ratio:R=0.3% G=98.8% B=0.8%;;Peak WL:Lp=523.7nm FWHM=26.2nm
 Render Index:Ra=0.0 CRI=2.5 TM30:Rf=0 Rg=6
 R1 =0 R2 =0 R3 =0 R4 =0 R5 =0 R6 =0 R7 =0
 R8 =0 R9 =0 R10=0 R11=0 R12=0 R13=0 R14=35 R15=0

Photo Parameters:

Flux = 263.7 lm Eff. : 95.22 lm/W Fe = 505.3 mW

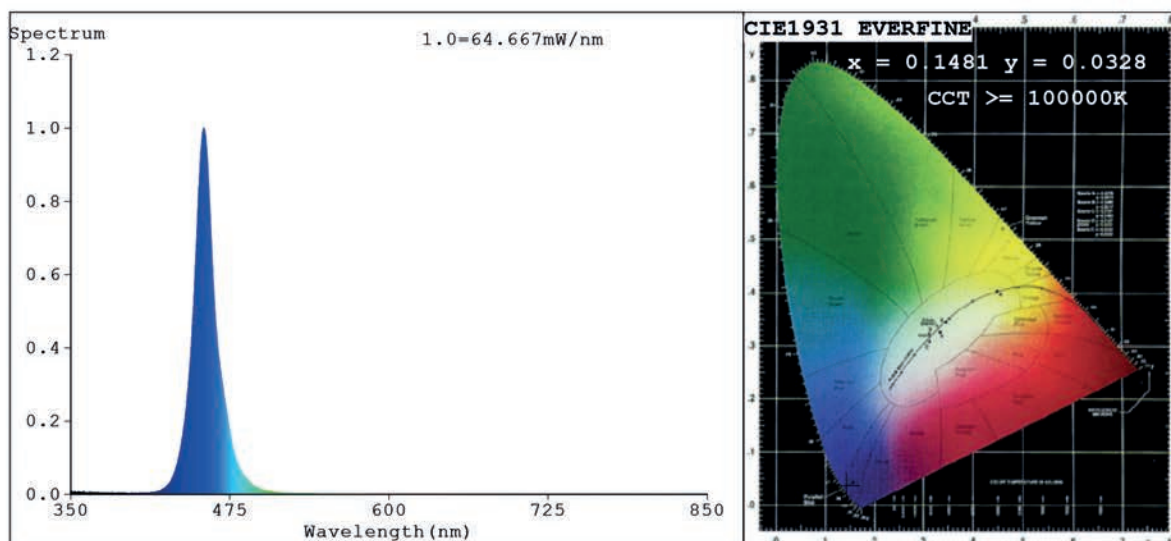
Electrical parameters:

V = 23.998 V I = 0.1154 A P = 2.769 W PF = 1.000

Status: Integral T = 1070 ms Ip = 34730 (53%)

Model:Ecoled COB RGB Roll to roll	Number: 31.242 (G)
Tester:Sergio Carneros	Date:2025-06-17 08:16:47
Temperature:20Deg	Humidity:50%
Manufacturer:Luz Negra	Remarks:100cm de tira flexible

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.1481$ $y=0.0328$ $u'=0.1913$ $v'=0.0952$
 CCT=100000K (Duv=-0.2028) Dominant WL: $\lambda_d = 459.1\text{nm}$ Purity=98.5%
 Ratio: R=0.5% G=9.1% B=90.4%; Peak WL: $\lambda_p = 454.6\text{nm}$ FWHM=17.1nm
 Render Index: Ra=0.2 CRI=0.1 TM30: Rf=0 Rg=18
 R1 =0 R2 =0 R3 =0 R4 =0 R5 =2 R6 =0 R7 =0
 R8 =0 R9 =0 R10=0 R11=0 R12=0 R13=0 R14=0 R15=0

Photo Parameters:

Flux = 61.73 lm Eff. : 11.90 lm/W Fe = 1.450 W

Electrical parameters:

V = 23.998 V I = 0.2162 A P = 5.188 W PF = 1.000

Status: Integral T = 535 ms Ip = 46896 (72%)

Model: Ecoled COB RGB Roll to roll	Number: 31.242 (B)
Tester: Sergio Carneros	Date: 2025-06-17 08:17:08
Temperature: 20Deg	Humidity: 50%
Manufacturer: Luz Negra	Remarks: 100cm de tira flexible