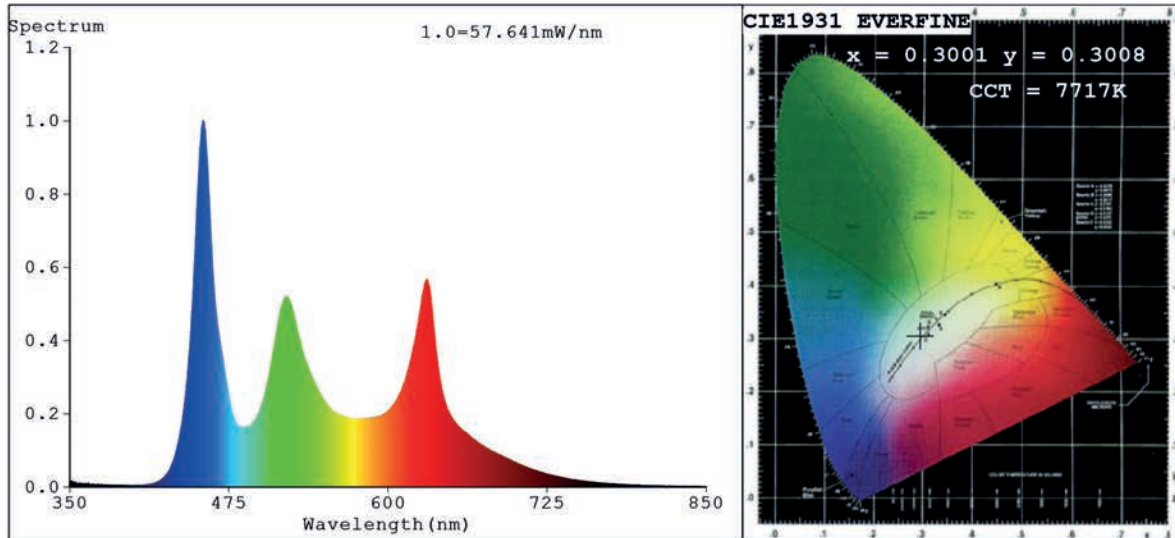


Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3001$ $y=0.3008$ / $u'=0.1997$ $v'=0.4505$

CCT=7717K (Duv=-0.0049) Dominant WL:Ld =477.4nm Purity=14.3%

Ratio:R=19.5% G=73.9% B=6.6%; Peak WL:Lp=454.7nm FWHM=18.1nm

Render Index:Ra=75.6 CRI=69.2 TM30:Rf=80 Rg=114

R1 =66 R2 =88 R3 =85 R4 =67 R5 =75 R6 =86 R7 =84

R8 =54 R9 =0 R10=77 R11=55 R12=72 R13=71 R14=89 R15=59

Photo Parameters:

Flux = 1183 lm Eff. : 63.29 lm/W Fe = 4.637 W

Electrical parameters:

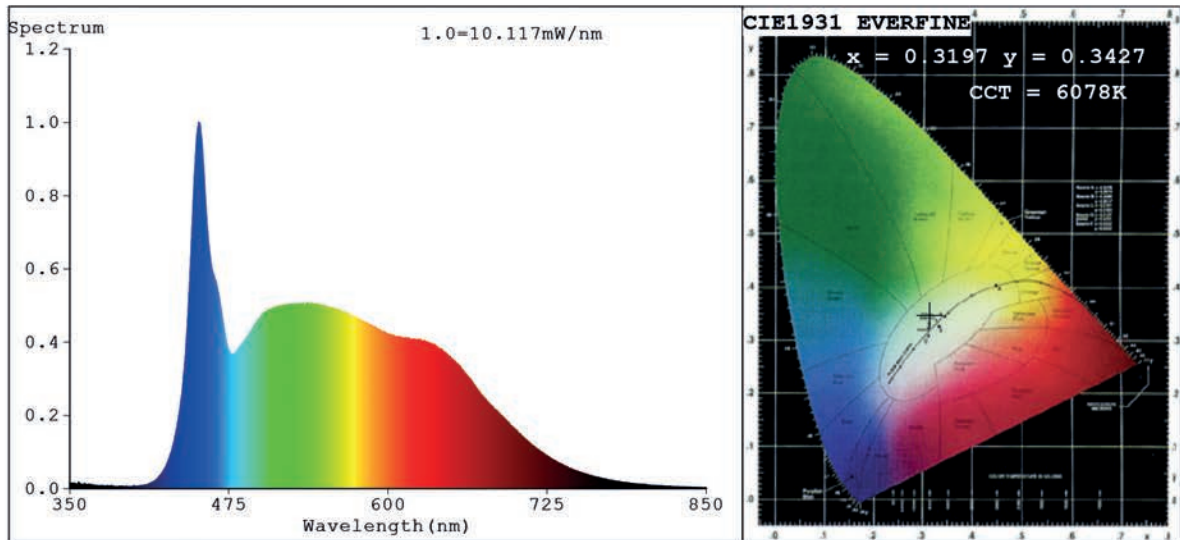
V = 23.998 V I = 0.7789 A P = 18.69 W PF = 1.000

Status: Integral T = 418 ms Ip = 32856 (50%)

Model:Ecoled Algeciras
 Tester:Sergio Carneros
 Temperature:20Deg
 Manufacturer:Luz Negra

Number: 31.222 (R+G+B+WW+CW)
 Date:2025-06-17 10:12:17
 Humidity:50%
 Remarks:100cm de tira flexible

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3197$ $y=0.3427$ / $u'=0.1976$ $v'=0.4765$
 CCT=6078K (Duv=0.0067) Dominant WL:Ld =500.7nm Purity=4.2%
 Ratio:R=15.1% G=78.4% B=6.6%;; Peak WL:Lp=451.2nm FWHM=25.3nm
 Render Index:Ra=93.9 CRI=91.0 TM30:Rf=92 Rg=98
 R1 =93 R2 =96 R3 =98 R4 =92 R5 =93 R6 =94 R7 =95
 R8 =90 R9 =74 R10=92 R11=93 R12=71 R13=94 R14=99 R15=91

Photo Parameters:

Flux = 343.8 lm Eff. : 77.39 lm/W Fe = 1.246 W

Electrical parameters:

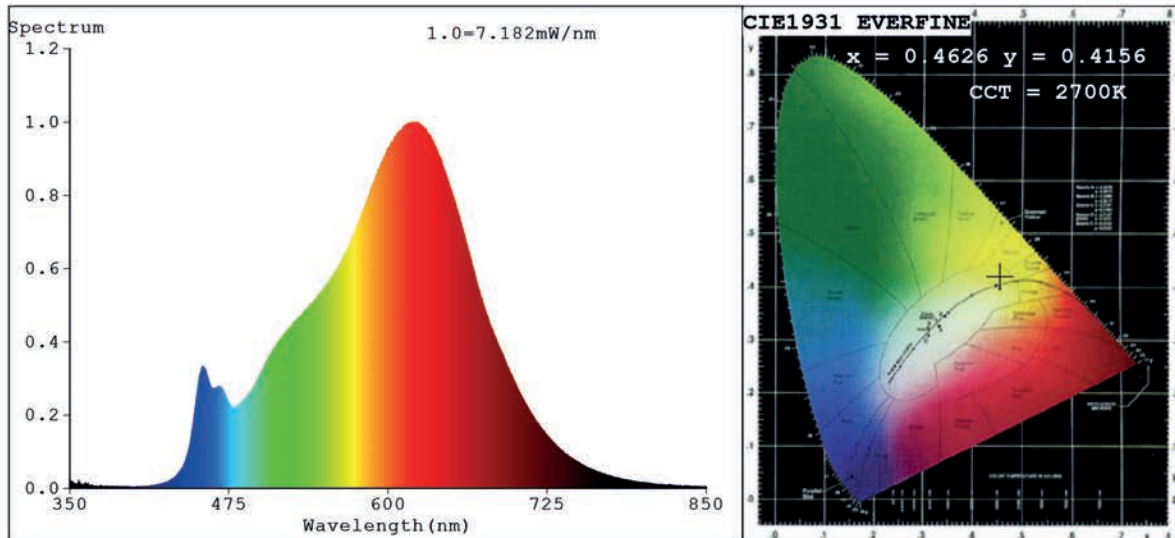
V = 23.998 V I = 0.1851 A P = 4.442 W PF = 1.000

Status: Integral T = 3442 ms Ip = 44900 (69%)

Model:Ecoled Algeciras
 Tester:Sergio Carneros
 Temperature:20Deg
 Manufacturer:Luz Negra

Number: 31.222 (CW)
 Date:2025-06-17 10:13:50
 Humidity:50%
 Remarks:100cm de tira flexible

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.4626$ $y=0.4156$ / $u'=0.2621$ $v'=0.5296$
 CCT=2700K (Duv=0.0016) Dominant WL:Ld =583.7nm Purity=63.6%
 Ratio:R=26.3% G=71.1% B=2.6%; Peak WL:Lp=621.7nm FWHM=136.2nm
 Render Index:Ra=91.4 CRI=88.8 TM30:Rf=88 Rg=96
 R1 =92 R2 =97 R3 =97 R4 =91 R5 =92 R6 =98 R7 =89
 R8 =76 R9 =49 R10=94 R11=93 R12=84 R13=93 R14=99 R15=86

Photo Parameters:

Flux = 329.6 lm Eff. : 74.15 lm/W Fe = 1.131 W

Electrical parameters:

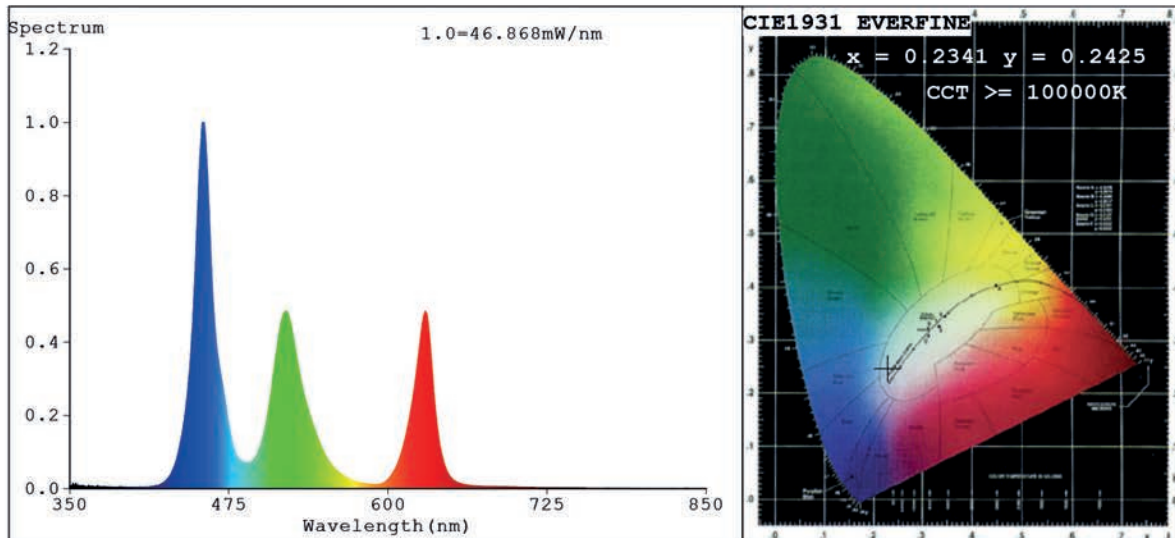
V = 23.998 V I = 0.1852 A P = 4.444 W PF = 1.000

Status: Integral T = 3646 ms Ip = 49361 (75%)

Model:Ecoled Algeciras
 Tester:Sergio Carneros
 Temperature:20Deg
 Manufacturer:Luz Negra

Number: 31.222 (WW)
 Date:2025-06-17 10:14:35
 Humidity:50%
 Remarks:100cm de tira flexible

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.2341$ $y=0.2425$ / $u'=0.1721$ $v'=0.4010$
 CCT=100000K (Duv=0.0087) Dominant WL:Ld =478.5nm Purity=42.0%
 Ratio:R=18.8% G=72.4% B=8.8%;; Peak WL:Lp=454.3nm FWHM=15.7nm
 Render Index:Ra=64.6 CRI=58.6 TM30:Rf=60 Rg=118
 R1 =54 R2 =87 R3 =69 R4 =55 R5 =71 R6 =85 R7 =70
 R8 =25 R9 =0 R10=71 R11=32 R12=61 R13=60 R14=80 R15=37

Photo Parameters:

Flux = 522.7 lm Eff. : 51.12 lm/W Fe = 2.279 W

Electrical parameters:

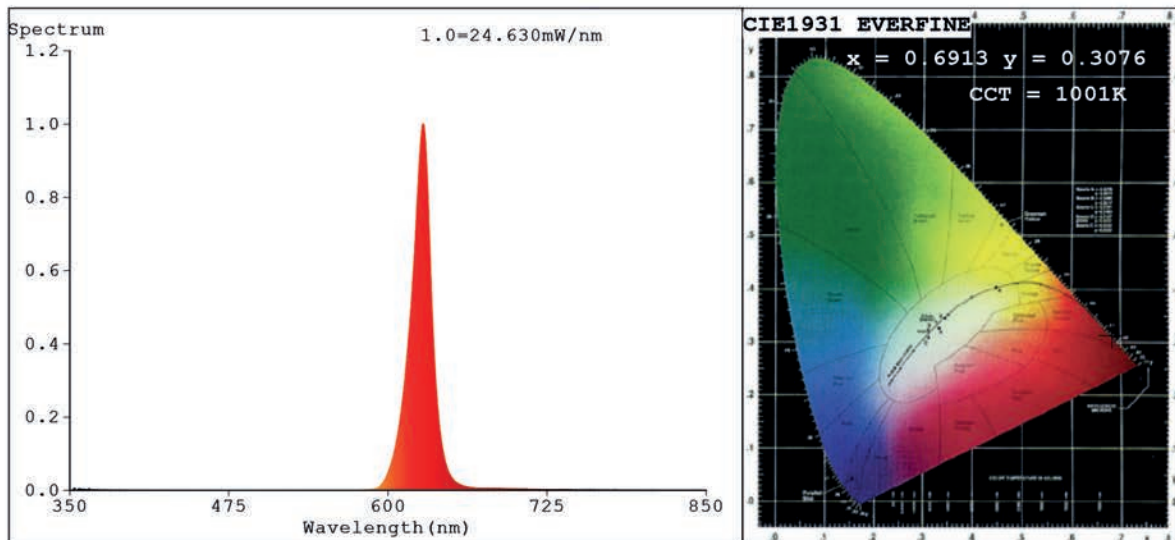
V = 23.998 V I = 0.4261 A P = 10.23 W PF = 1.000

Status: Integral T = 500 ms Ip = 32082 (49%)

Model:Ecoled Algeciras
 Tester:Sergio Carneros
 Temperature:20Deg
 Manufacturer:Luz Negra

Number: 31.222 (R+G+B)
 Date:2025-06-17 10:18:34
 Humidity:50%
 Remarks:100cm de tira flexible

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.6913$ $y=0.3076$ / $u'=0.5208$ $v'=0.5215$
 CCT=1001K (Duv=-0.0733) Dominant WL: $L_d = 620.3\text{nm}$ Purity=99.7%
 Ratio: R=97.6% G=2.4% B=0.0%; Peak WL: $L_p = 627.3\text{nm}$ FWHM=16.5nm
 Render Index: Ra=24.9 CRI=31.2 TM30: Rf=3 Rg=-1
 R1 =4 R2 =79 R3 =26 R4 =0 R5 =0 R6 =91 R7 =0
 R8 =0 R9 =0 R10=72 R11=0 R12=78 R13=29 R14=57 R15=0

Photo Parameters:

Flux = 108.9 lm Eff. : 27.36 lm/W Fe = 500.8 mW

Electrical parameters:

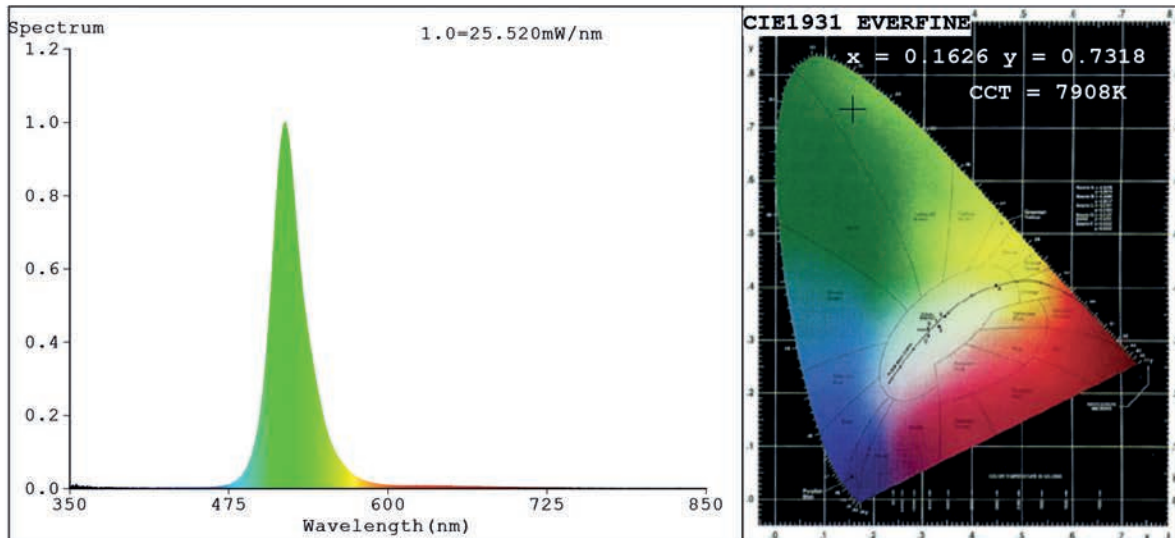
V = 23.998 V I = 0.1659 A P = 3.981 W PF = 1.000

Status: Integral T = 1142 ms Ip = 49287 (75%)

Model: Ecoled Algeciras
 Tester: Sergio Carneros
 Temperature: 20Deg
 Manufacturer: Luz Negra

Number: 31.222 (R)
 Date: 2025-06-17 10:47:43
 Humidity: 50%
 Remarks: 100cm de tira flexible

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.1626$ $y=0.7318$ / $u'=0.0568$ $v'=0.5749$
 CCT=7908K (Duv=0.1603) Dominant WL:Ld =526.2nm Purity=81.5%
 Ratio:R=0.6% G=97.8% B=1.6%;; Peak WL:Lp=519.4nm FWHM=26.9nm
 Render Index:Ra=0.0 CRI=2.6 TM30:Rf=1 Rg=8
 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=36 R15=0

Photo Parameters:

Flux = 413.4 lm Eff. : 119.39 lm/W Fe = 865.6 mW

Electrical parameters:

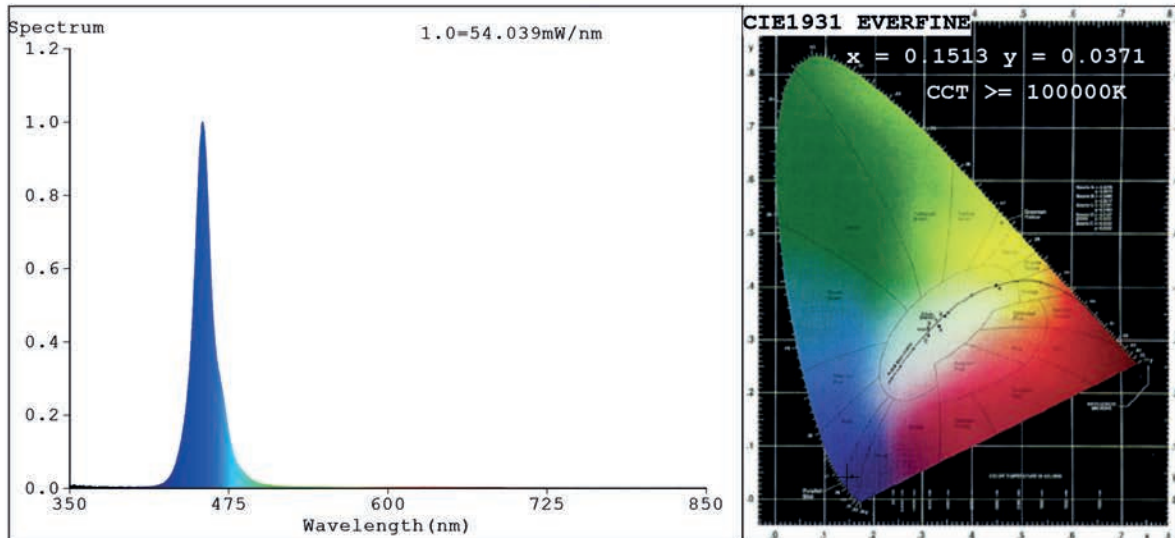
V = 23.998 V I = 0.1443 A P = 3.463 W PF = 1.000

Status: Integral T = 937 ms Ip = 50042 (76%)

Model:Ecoled Algeciras
 Tester:Sergio Carneros
 Temperature:20Deg
 Manufacturer:Luz Negra

Number: 31.222 (G)
 Date:2025-06-17 10:48:09
 Humidity:50%
 Remarks:100cm de tira flexible

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.1513$ $y=0.0371$ / $u'=0.1927$ $v'=0.1061$
 CCT=100000K (Duv=-0.1956) Dominant WL:Ld =458.8nm Purity=97.0%
 Ratio:R=3.1% G=18.2% B=78.7%;; Peak WL:Lp=454.3nm FWHM=15.0nm
 Render Index:Ra=6.9 CRI=4.1 TM30:Rf=0 Rg=47
 R1 =24 R2 =0 R3 =0 R4 =0 R5 =31 R6 =0 R7 =0
 R8 =0 R9 =0 R10=0 R11=0 R12=0 R13=2 R14=0 R15=31

Photo Parameters:

Flux = 54.56 lm Eff. : 19.77 lm/W Fe = 1.140 W

Electrical parameters:

V = 23.998 V I = 0.1150 A P = 2.760 W PF = 1.000

Status: Integral T = 468 ms Ip = 34090 (52%)

Model:Ecoled Algeciras
 Tester:Sergio Carneros
 Temperature:20Deg
 Manufacturer:Luz Negra

Number: 31.222 (B)
 Date:2025-06-17 10:48:33
 Humidity:50%
 Remarks:100cm de tira flexible