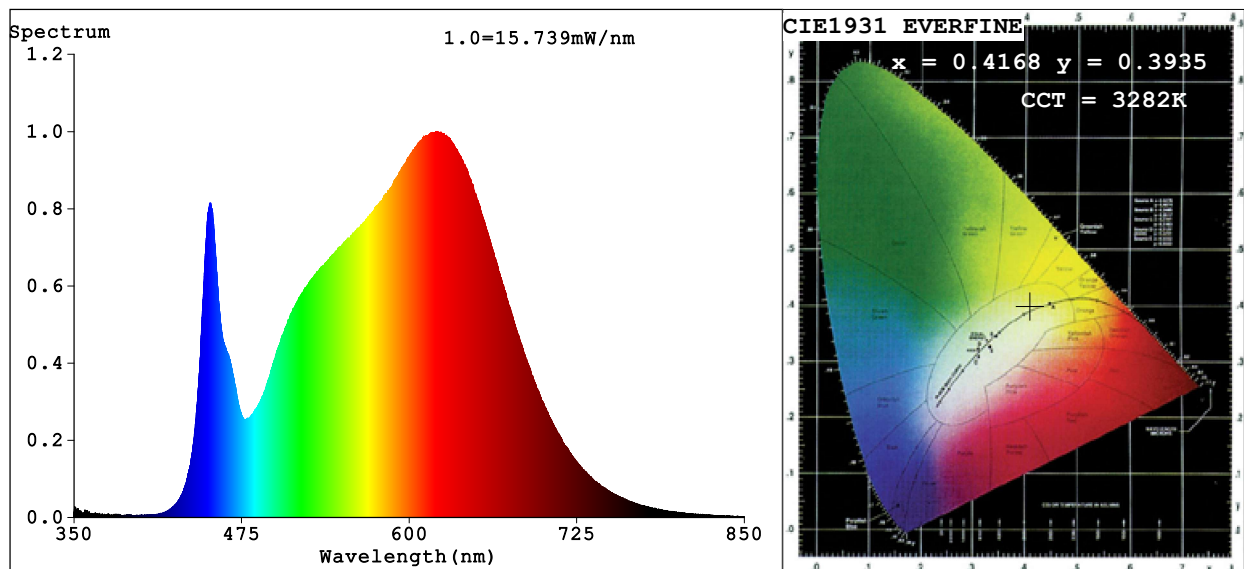


Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.4168$ $y=0.3935$ $u'=0.2420$ $v'=0.5141$
 $CCT=3282K$ ($Duv=-0.0011$) Dominant WL: $L_d = 582.1nm$ Purity=43.2%
 Ratio: R=22.8% G=74.0% B=3.2%; Peak WL: $L_p=620.7nm$ FWHM=170.4nm
 Render Index: $R_a=93.3$ CRI=90.2 TM30: $R_f=91$ $R_g=100$
 R1 =94 R2 =96 R3 =96 R4 =94 R5 =93 R6 =94 R7 =94
 R8 =85 R9 =65 R10=90 R11=94 R12=76 R13=95 R14=97 R15=91

Photo Parameters:

Flux = 837.1 lm Eff. : 97.81 lm/W $F_e = 2.866 W$

Electrical parameters:

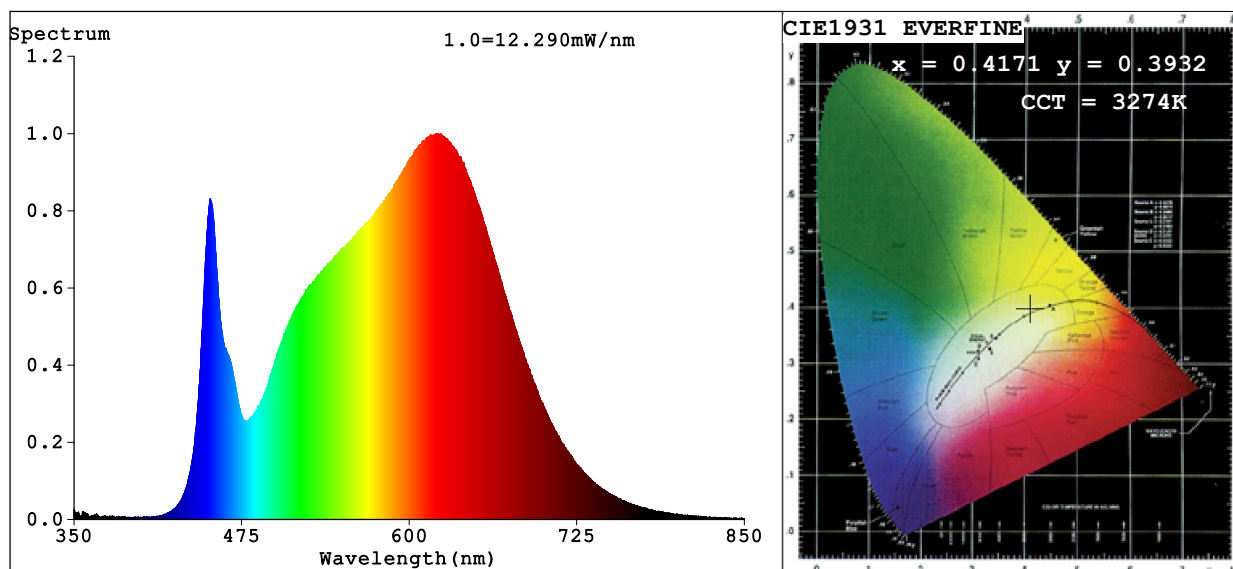
$V = 230.14 V$ $I = 0.04006 A$ $P = 8.559 W$ PF = 0.9283

Status: Integral T = 2000 ms $I_p = 46918$ (72%)

Model: Focalis Aura
 Tester: Alejandro Hervas
 Temperature: 20Deg
 Manufacturer: Luz Negra

Number: 15° 8w 3200K
 Date: 2026-02-24 09:27:16
 Humidity: 50%
 Remarks: 1 unidad ref. blanco

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.4171$ $y=0.3932$ $u'=0.2423$ $v'=0.5140$

CCT=3274K (Duv=-0.0013) Dominant WL:Ld =582.3nm Purity=43.2%

Ratio:R=22.9% G=73.9% B=3.2%; Peak WL:Lp=621.7nm FWHM=169.9nm

Render Index:Ra=93.5 CRI=90.4 TM30:Rf=91 Rg=100

R1 =94 R2 =97 R3 =97 R4 =94 R5 =93 R6 =94 R7 =93

R8 =85 R9 =66 R10=90 R11=94 R12=76 R13=95 R14=98 R15=91

Photo Parameters:

Flux = 649.7 lm Eff. : 97.73 lm/W Fe = 2.229 W

Electrical parameters:

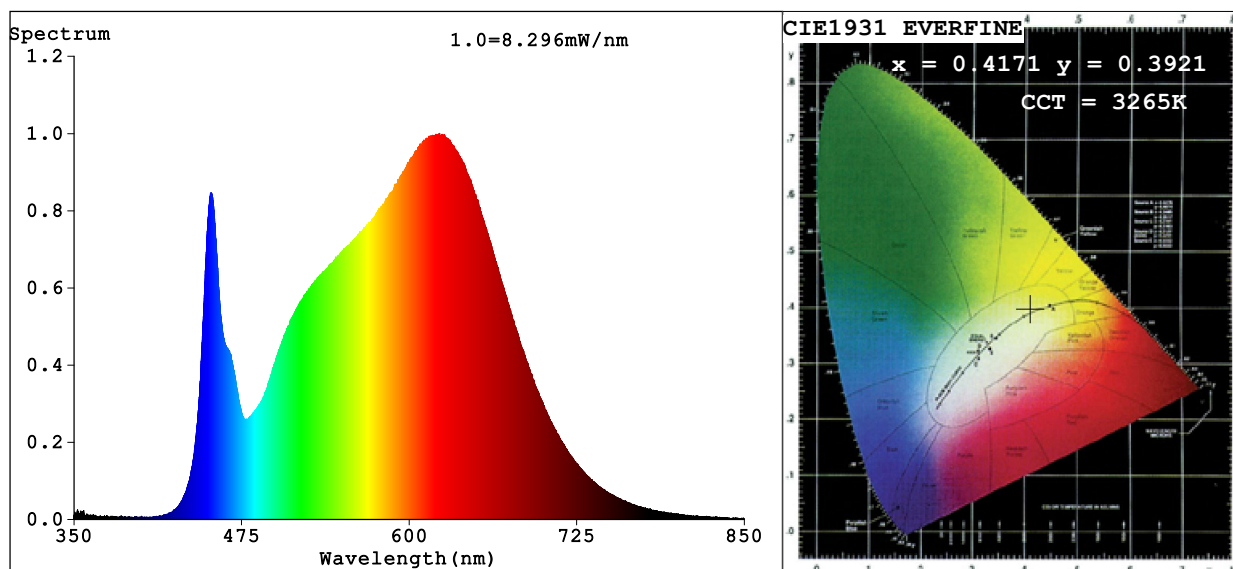
V = 230.13 V I = 0.03296 A P = 6.647 W PF = 0.8762

Status: Integral T = 2000 ms Ip = 36493 (56%)

Model:Focalis Aura
 Tester:Alejandro Hervas
 Temperature:20Deg
 Manufacturer:Luz Negra

Number:15° 6w 3200K
 Date:2026-02-24 09:28:06
 Humidity:50%
 Remarks:1 unidad ref. blanco

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.4171$ $y=0.3921$ $u'=0.2428$ $v'=0.5136$

CCT=3265K (Duv=-0.0018) Dominant WL:Ld =582.5nm Purity=42.9%

Ratio:R=23.0% G=73.7% B=3.3%; Peak WL:Lp=622.6nm FWHM=169.7nm

Render Index:Ra=93.9 CRI=91.0 TM30:Rf=91 Rg=101

R1 =95 R2 =97 R3 =97 R4 =94 R5 =94 R6 =95 R7 =93

R8 =86 R9 =67 R10=92 R11=94 R12=76 R13=96 R14=98 R15=92

Photo Parameters:

Flux = 435.9 lm Eff. : 88.11 lm/W Fe = 1.502 W

Electrical parameters:

V = 230.14 V I = 0.02594 A P = 4.947 W PF = 0.8285

Status: Integral T = 4006 ms Ip = 49357 (75%)

Model:Focalis Aura
Tester:Alejandro Hervas
Temperature:20Deg
Manufacturer:Luz Negra

Number:15° 4w 3200K
Date:2026-02-24 09:28:40
Humidity:50%
Remarks:1 unidad ref. blanco