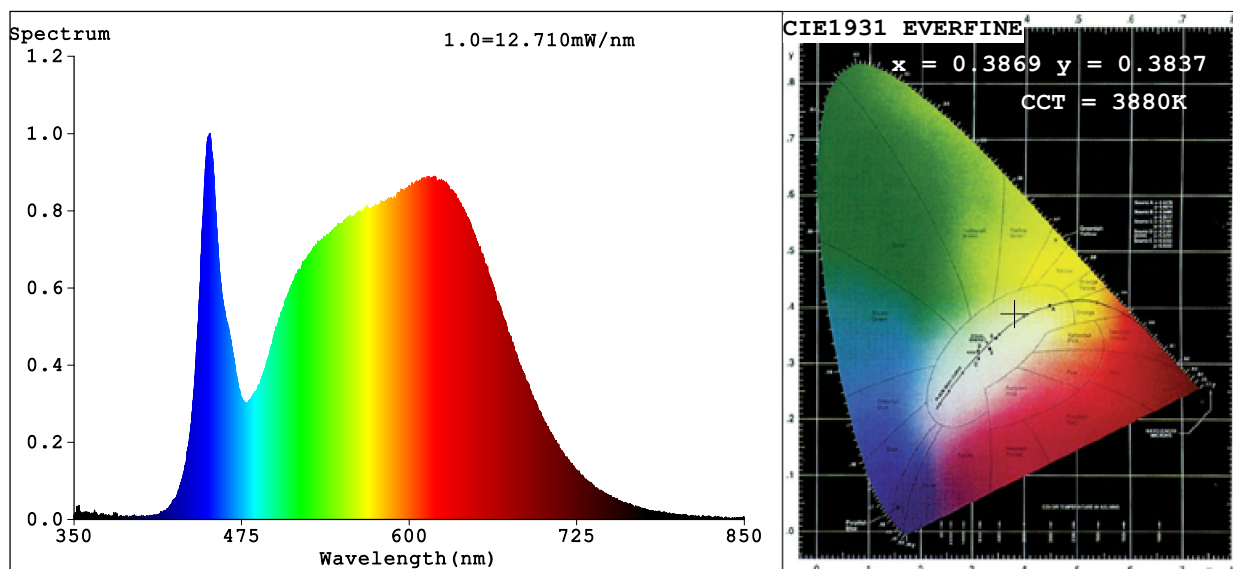


Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3869$ $y=0.3837$ $u'=0.2266$ $v'=0.5055$

CCT=3880K (Duv=0.0014) Dominant WL:Ld =578.8nm Purity=31.3%

Ratio:R=19.9% G=76.4% B=3.7%; Peak WL:Lp=451.5nm FWHM=22.2nm

Render Index:Ra=91.6 CRI=87.6 TM30:Rf=90 Rg=99

R1 =92 R2 =94 R3 =94 R4 =92 R5 =91 R6 =90 R7 =95

R8 =86 R9 =62 R10=84 R11=91 R12=69 R13=92 R14=96 R15=89

Photo Parameters:

Flux = 690.4 lm Eff. : 76.95 lm/W Fe = 2.324 W

Electrical parameters:

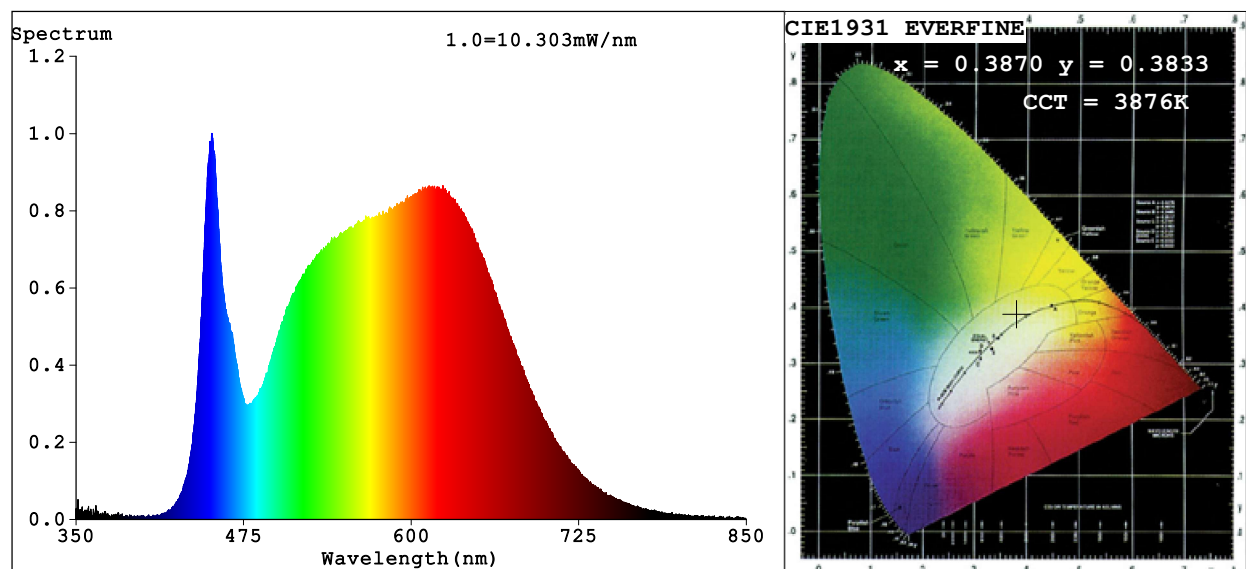
V = 230.07 V I = 0.04210 A P = 8.972 W PF = 0.9263

Status: Integral T = 500 ms Ip = 10336 (16%)

Model:Focalis Aura
Tester:Sergio Carneros
Temperature:20Deg
Manufacturer:Luz Negra

Number:24° 8w 4000k
Date:2026-02-13 11:45:48
Humidity:50%
Remarks:1 unidad ref.negro

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3870$ $y=0.3833$ $u'=0.2268$ $v'=0.5054$
CCT=3876K (Duv=0.0012) Dominant WL:Ld =579.0nm Purity=31.2%
Ratio:R=19.9% G=76.3% B=3.8%; Peak WL:Lp=451.5nm FWHM=22.1nm
Render Index:Ra=91.8 CRI=87.9 TM30:Rf=90 Rg=99
R1 =92 R2 =94 R3 =94 R4 =92 R5 =91 R6 =91 R7 =95
R8 =86 R9 =63 R10=85 R11=92 R12=68 R13=92 R14=96 R15=90

Photo Parameters:

Flux = 542.1 lm Eff. : 78.57 lm/W Fe = 1.828 W

Electrical parameters:

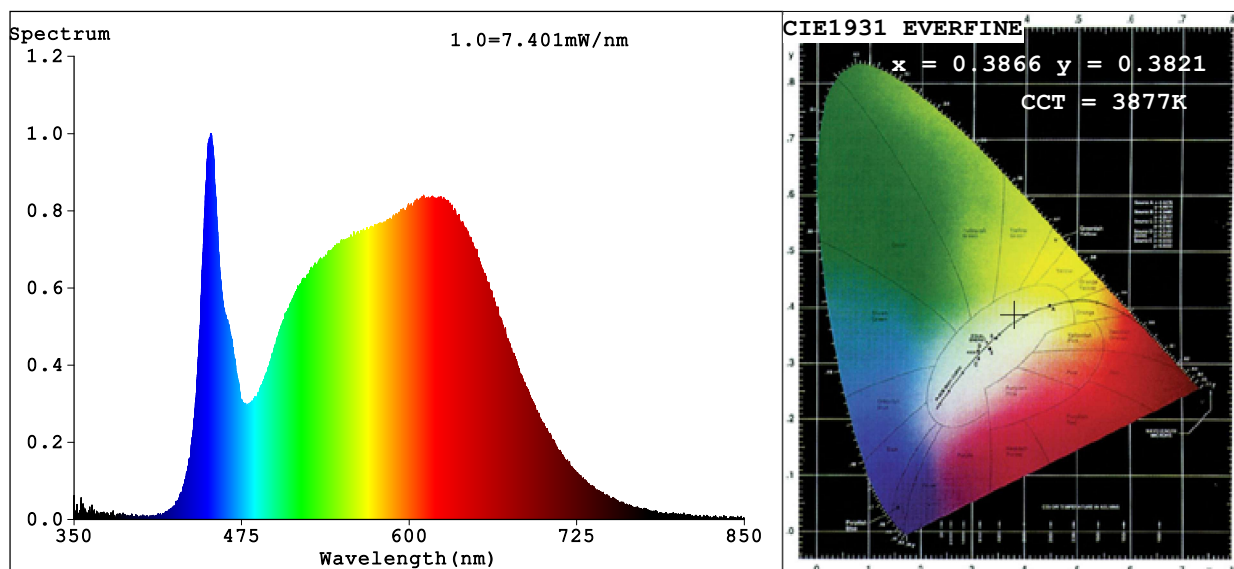
V = 230.08 V I = 0.03377 A P = 6.899 W PF = 0.8879

Status: Integral T = 500 ms Ip = 8149 (12%)

Model:Focalis Aura
Tester:Sergio Carneros
Temperature:20Deg
Manufacturer:Luz Negra

Number:24° 6w 4000k
Date:2026-02-13 11:47:35
Humidity:50%
Remarks:1 unidad ref.negro

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3866$ $y=0.3821$ $u'=0.2270$ $v'=0.5048$
 CCT=3877K (Duv=0.0007) Dominant WL:Ld =579.2nm Purity=30.7%
 Ratio:R=20.0% G=76.1% B=3.8%; Peak WL:Lp=451.9nm FWHM=21.1nm
 Render Index:Ra=92.3 CRI=88.5 TM30:Rf=90 Rg=99
 R1 =93 R2 =95 R3 =95 R4 =92 R5 =91 R6 =91 R7 =95
 R8 =86 R9 =65 R10=86 R11=92 R12=68 R13=93 R14=97 R15=90

Photo Parameters:

Flux = 376.7 lm Eff. : 74.59 lm/W Fe = 1.275 W

Electrical parameters:

V = 230.09 V I = 0.02682 A P = 5.051 W PF = 0.8183

Status: Integral T = 500 ms Ip = 5676 (9%)

Model:Focalis Aura
 Tester:Sergio Carneros
 Temperature:20Deg
 Manufacturer:Luz Negra

Number:24° 4w 4000k
 Date:2026-02-13 11:48:07
 Humidity:50%
 Remarks:1 unidad ref.negro