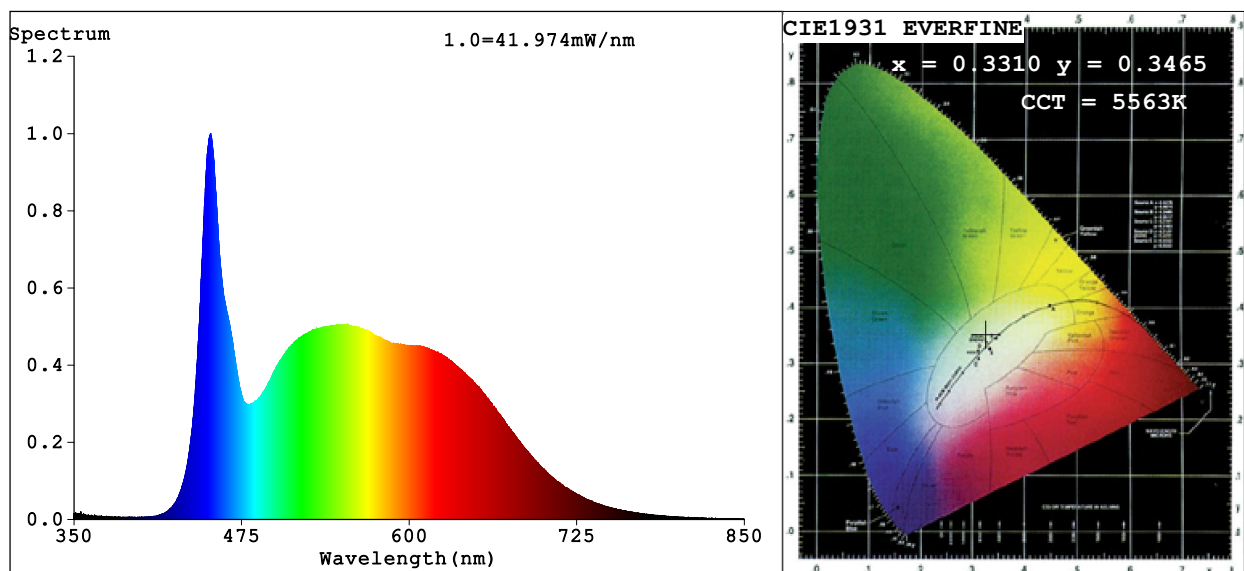


Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3310$ $y=0.3465$ $u'=0.2038$ $v'=0.4801$
 CCT=5563K (Duv=0.0034) Dominant WL:Ld =544.7nm Purity=3.4%
 Ratio:R=15.9% G=78.4% B=5.6%; Peak WL:Lp=451.9nm FWHM=23.1nm
 Render Index:Ra=92.1 CRI=88.2 TM30:Rf=90 Rg=99
 R1 =92 R2 =94 R3 =94 R4 =92 R5 =91 R6 =90 R7 =95
 R8 =88 R9 =65 R10=85 R11=91 R12=67 R13=93 R14=97 R15=91

Photo Parameters:

Flux = 1417 lm Eff. : 75.97 lm/W Fe = 4.923 W

Electrical parameters:

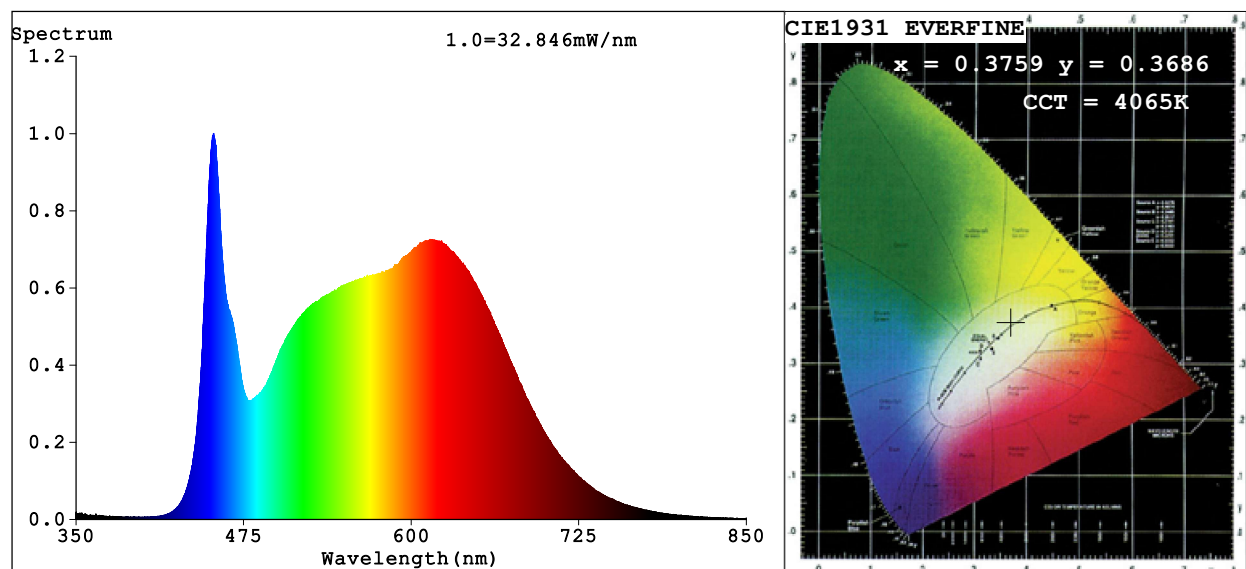
V = 230.17 V I = 0.09034 A P = 18.66 W PF = 0.8973

Status: Integral T = 1018 ms Ip = 49718 (76%)

Model:Spotia Zoom 18w negro
 Tester:Sergio Carneros
 Temperature:20Deg
 Manufacturer:Luz Negra

Number:6000k 20°
 Date:2026-02-17 14:43:16
 Humidity:50%
 Remarks:1 unidad

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3759$ $y=0.3686$ $u'=0.2254$ $v'=0.4972$

$CCT=4065K$ ($Duv=-0.0025$) Dominant WL: $L_d = 580.4nm$ Purity=23.4%

Ratio: R=20.1% G=75.4% B=4.5%; Peak WL: $L_p=452.6nm$ FWHM=22.8nm

Render Index: $R_a=95.2$ CRI=92.6 TM30: $R_f=91$ $R_g=100$

R1 =97 R2 =98 R3 =97 R4 =95 R5 =95 R6 =94 R7 =95

R8 =90 R9 =78 R10=94 R11=95 R12=71 R13=98 R14=98 R15=95

Photo Parameters:

Flux = 1438 lm Eff. : 82.39 lm/W $P_e = 5.032 W$

Electrical parameters:

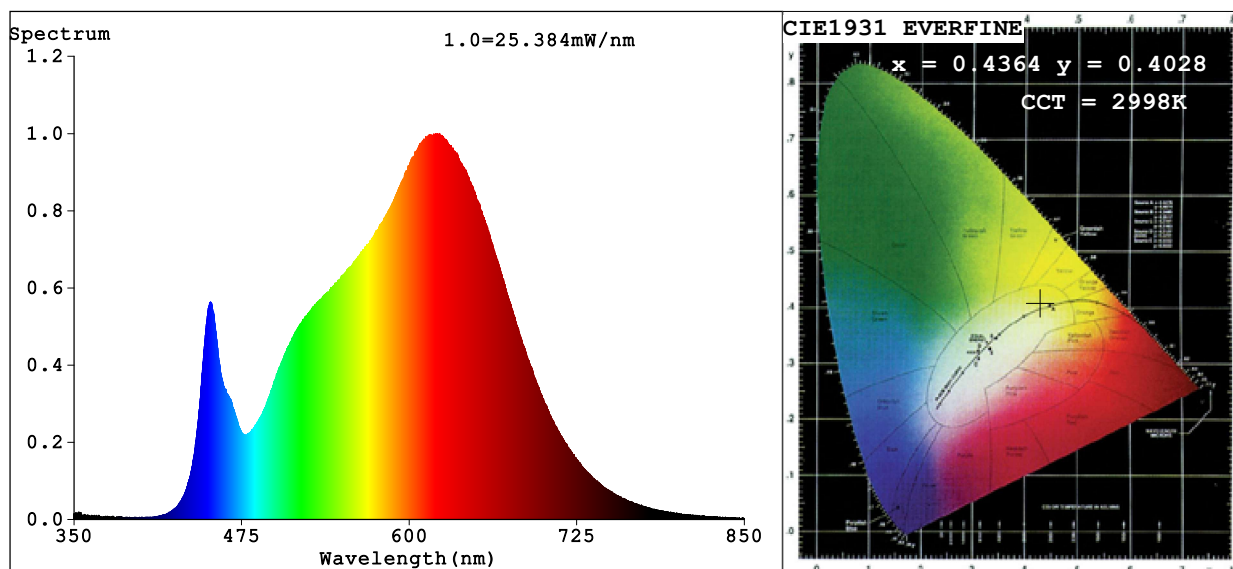
$V = 230.15 V$ $I = 0.08557 A$ $P = 17.45 W$ PF = 0.8861

Status: Integral T = 1018 ms $I_p = 43619$ (67%)

Model: Spotia Zoom 18w negro
 Tester: Sergio Carneros
 Temperature: 20Deg
 Manufacturer: Luz Negra

Number: 4000k 20°
 Date: 2026-02-17 14:43:41
 Humidity: 50%
 Remarks: 1 unidad

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.4364$ $y=0.4028$ $u'=0.2508$ $v'=0.5208$

CCT=2998K (Duv=-0.0004) Dominant WL:Ld =583.0nm Purity=51.9%

Ratio:R=24.5% G=72.7% B=2.8%; Peak WL:Lp=622.7nm FWHM=162.8nm

Render Index:Ra=93.7 CRI=90.9 TM30:Rf=91 Rg=100

R1 =94 R2 =97 R3 =98 R4 =94 R5 =94 R6 =96 R7 =93

R8 =84 R9 =63 R10=92 R11=95 R12=81 R13=95 R14=98 R15=90

Photo Parameters:

Flux = 1253 lm Eff. : 67.36 lm/W Fe = 4.358 W

Electrical parameters:

V = 230.16 V I = 0.09010 A P = 18.60 W PF = 0.8969

Status: Integral T = 1018 ms Ip = 45642 (70%)

Model:Spotia Zoom 18w negro
Tester:Sergio Carneros
Temperature:20Deg
Manufacturer:Luz Negra

Number:3000k 20°
Date:2026-02-17 14:44:05
Humidity:50%
Remarks:1 unidad