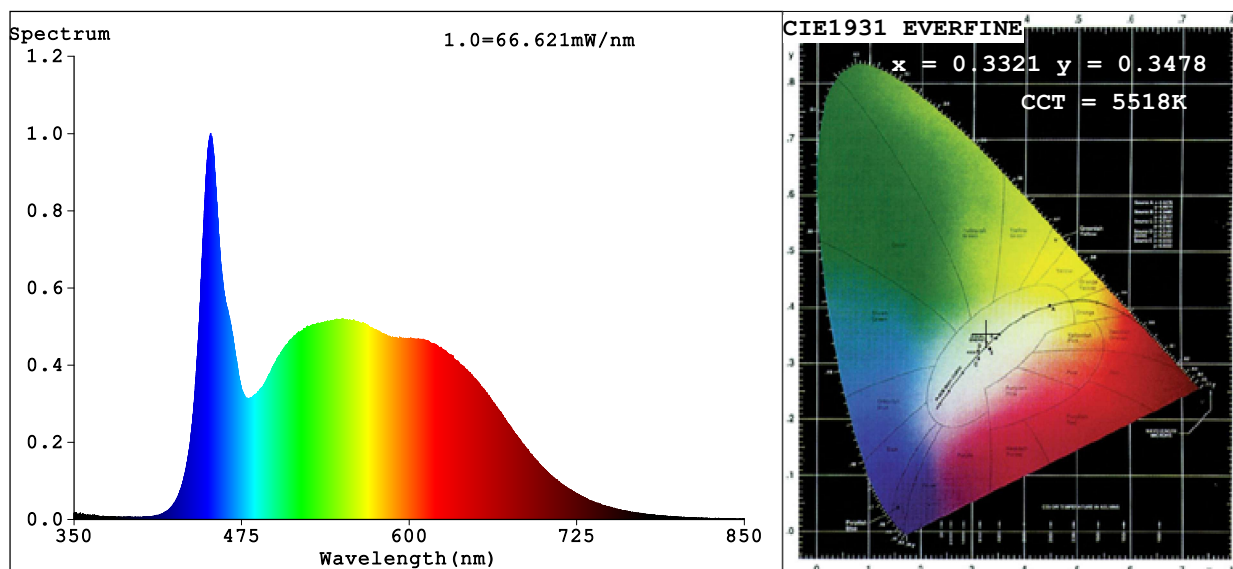


## Spectrum Test Report



### Color Parameters:

Chromaticity Coordinate:  $x=0.3321$   $y=0.3478$   $u'=0.2040$   $v'=0.4809$

CCT=5518K (Duv=0.0036) Dominant WL:Ld =550.1nm Purity=4.0%

Ratio:R=16.0% G=78.3% B=5.7%; Peak WL:Lp=451.9nm FWHM=24.0nm

Render Index:Ra=92.3 CRI=88.6 TM30:Rf=90 Rg=99

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

R8 =87 R9 =65 R10=86 R11=92 R12=68 R13=93 R14=97 R15=91

### Photo Parameters:

Flux = 2320 lm Eff. : 74.82 lm/W Fe = 8.045 W

### Electrical parameters:

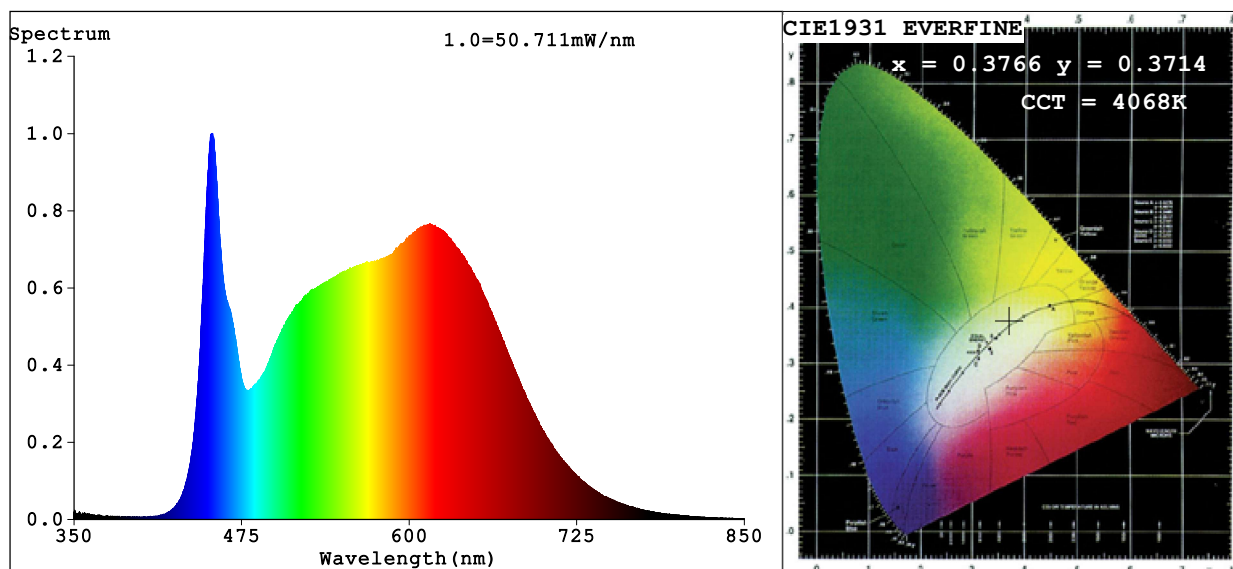
V = 230.13 V I = 0.1407 A P = 31.01 W PF = 0.9576

Status: Integral T = 567 ms Ip = 44190 (67%)

Model:Spotia Zoom 30w negro  
Tester:Sergio Carneros  
Temperature:20Deg  
Manufacturer:Luz Negra

Number:6000k 20°  
Date:2026-02-17 13:50:52  
Humidity:50%  
Remarks:1 unidad

## Spectrum Test Report



### Color Parameters:

Chromaticity Coordinate:  $x=0.3766$   $y=0.3714$   $u'=0.2247$   $v'=0.4986$   
 CCT=4068K (Duv=-0.0014) Dominant WL:Ld =579.6nm Purity=24.5%  
 Ratio:R=20.0% G=75.4% B=4.5%; Peak WL:Lp=453.2nm FWHM=24.0nm  
 Render Index:Ra=95.1 CRI=92.4 TM30:Rf=91 Rg=99  
 R1 =96 R2 =98 R3 =98 R4 =95 R5 =95 R6 =95 R7 =95  
 R8 =90 R9 =76 R10=94 R11=95 R12=71 R13=98 R14=98 R15=95

### Photo Parameters:

Flux = 2343 lm Eff. : 80.51 lm/W Fe = 8.148 W

### Electrical parameters:

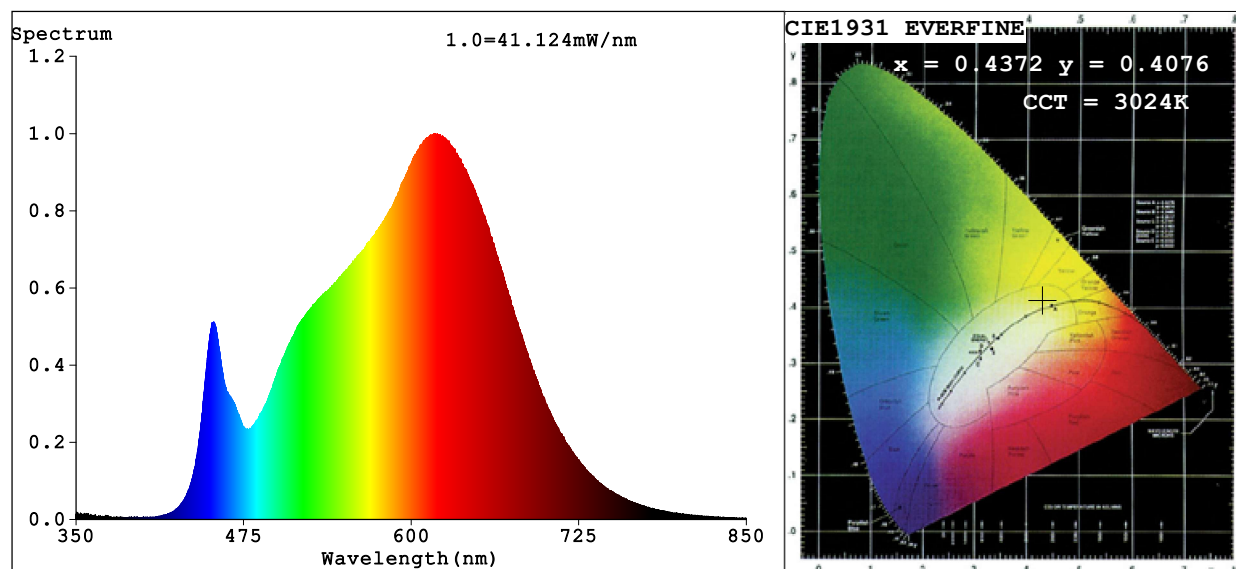
V = 230.14 V I = 0.1327 A P = 29.10 W PF = 0.9530

Status: Integral T = 567 ms Ip = 39506 (60%)

Model:Spotia Zoom 30w negro  
 Tester:Sergio Carneros  
 Temperature:20Deg  
 Manufacturer:Luz Negra

Number:4000k 20°  
 Date:2026-02-17 13:52:13  
 Humidity:50%  
 Remarks:1 unidad

## Spectrum Test Report



### Color Parameters:

Chromaticity Coordinate:  $x=0.4372$   $y=0.4076$   $u'=0.2492$   $v'=0.5228$

$CCT=3024K$  ( $Duv=0.0014$ ) Dominant WL:Ld =582.2nm Purity=53.6%

Ratio:R=24.2% G=72.9% B=2.9%; Peak WL:Lp=617.1nm FWHM=165.0nm

Render Index:Ra=93.5 CRI=90.6 TM30:Rf=92 Rg=98

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

R8 =83 R9 =61 R10=91 R11=95 R12=80 R13=95 R14=98 R15=89

### Photo Parameters:

Flux = 2051 lm Eff. : 67.28 lm/W Fe = 7.055 W

### Electrical parameters:

V = 230.14 V I = 0.1384 A P = 30.48 W PF = 0.9570

Status: Integral T = 567 ms Ip = 41327 (63%)

Model:Spotia Zoom 30w negro  
 Tester:Sergio Carneros  
 Temperature:20Deg  
 Manufacturer:Luz Negra

Number:3000k 20°  
 Date:2026-02-17 13:55:57  
 Humidity:50%  
 Remarks:1 unidad