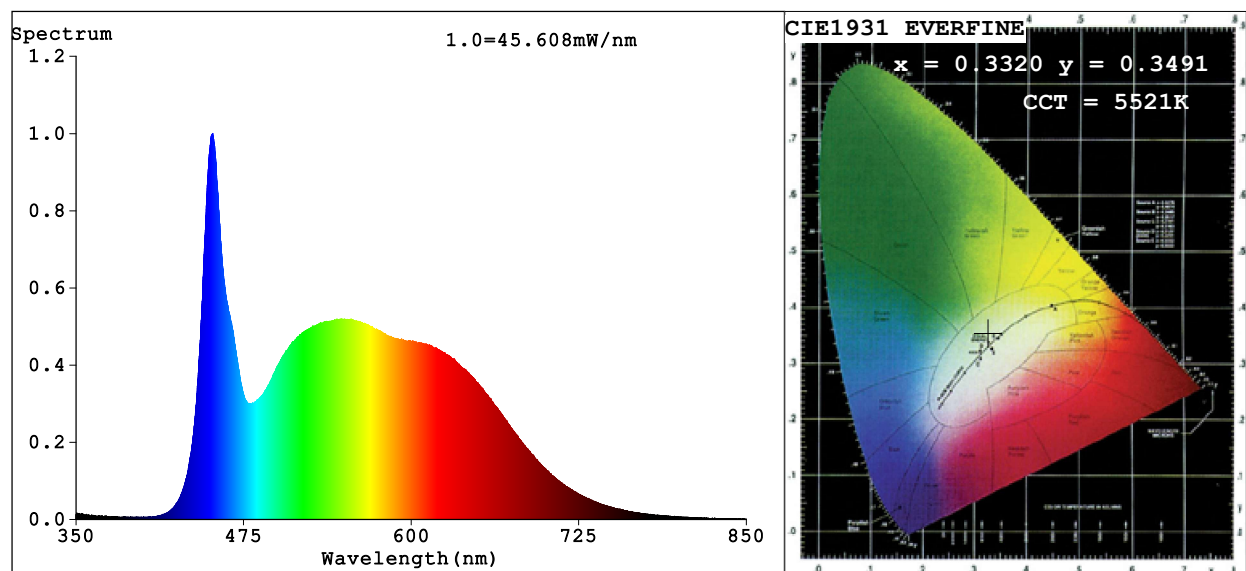


## Spectrum Test Report



### Color Parameters:

Chromaticity Coordinate:  $x=0.3320$   $y=0.3491$   $u'=0.2035$   $v'=0.4815$

CCT=5521K (Duv=0.0043) Dominant WL:Ld =550.2nm Purity=4.4%

Ratio:R=15.8% G=78.6% B=5.6%; Peak WL:Lp=451.9nm FWHM=23.3nm

Render Index:Ra=91.2 CRI=87.1 TM30:Rf=89 Rg=98

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

R8 =86 R9 =61 R10=84 R11=90 R12=66 R13=92 R14=97 R15=89

### Photo Parameters:

Flux = 1576 lm Eff. : 84.01 lm/W Fe = 5.426 W

### Electrical parameters:

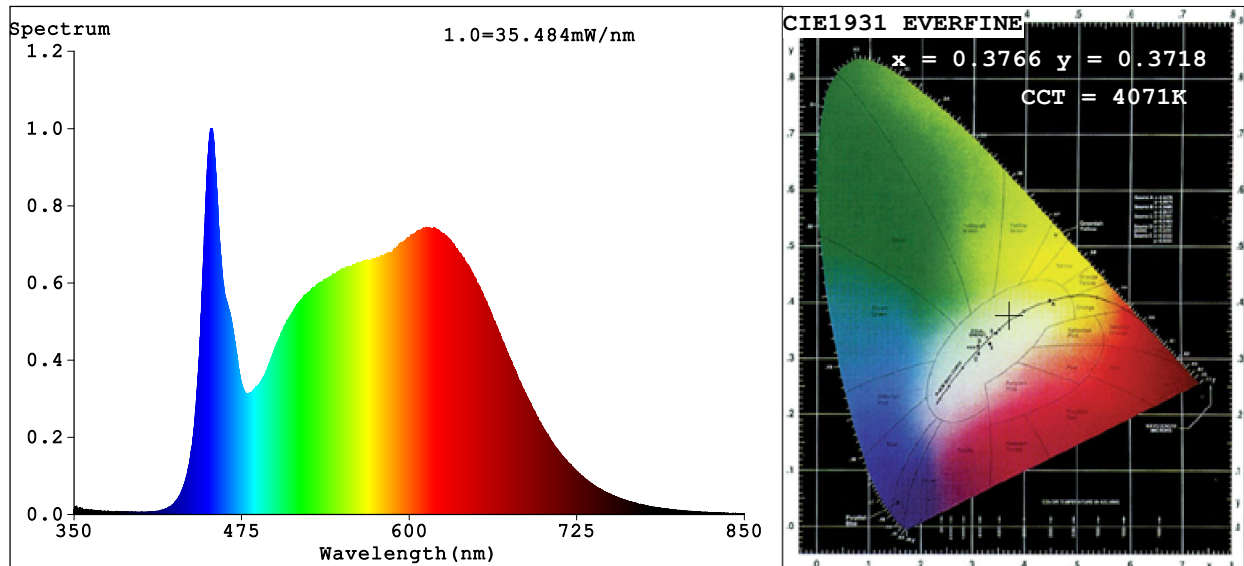
V = 230.17 V I = 0.09055 A P = 18.76 W PF = 0.9002

Status: Integral T = 939 ms Ip = 49730 (76%)

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

Number:6000k 60°  
Date:2026-02-17 14:40:13  
Humidity:50%  
Remarks:1 unidad

## Spectrum Test Report



### Color Parameters:

Chromaticity Coordinate:  $x=0.3766$   $y=0.3718$   $u'=0.2245$   $v'=0.4988$   
CCT=4071K (Duv=-0.0012) Dominant WL:Ld =579.5nm Purity=24.6%  
Ratio:R=19.9% G=75.8% B=4.4%; Peak WL:Lp=451.9nm FWHM=22.8nm  
Render Index:Ra=94.2 CRI=91.2 TM30:Rf=90 Rg=99  
R1 =95 R2 =97 R3 =97 R4 =94 R5 =94 R6 =94 R7 =95  
R8 =89 R9 =73 R10=92 R11=94 R12=70 R13=96 R14=98 R15=93

### Photo Parameters:

Flux = 1613 lm Eff. : 91.76 lm/W Fe = 5.576 W

### Electrical parameters:

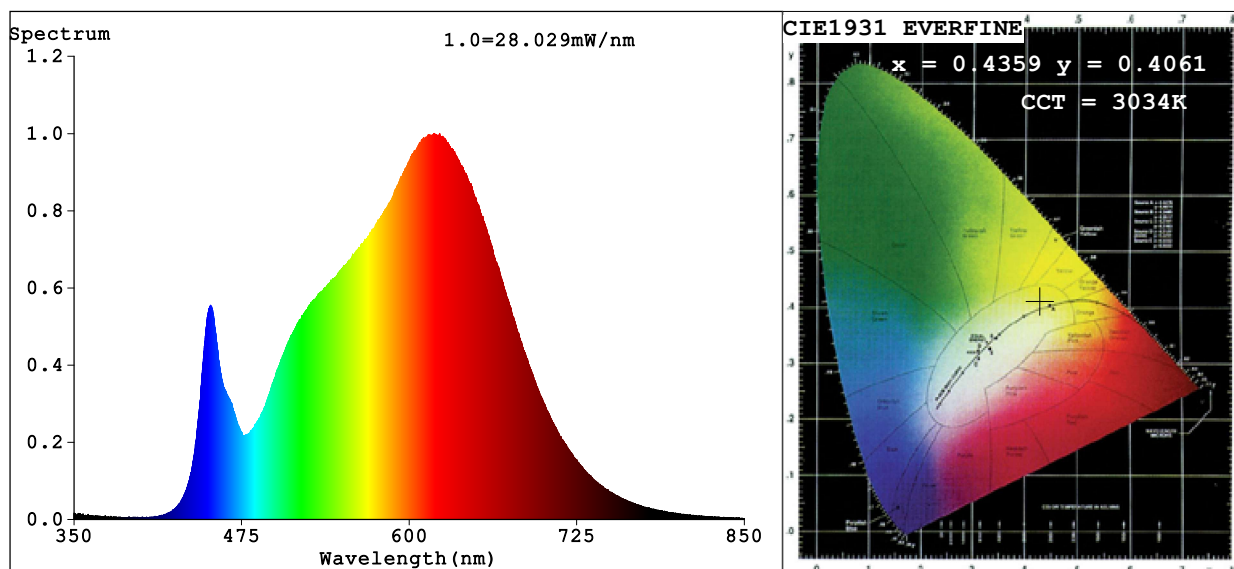
V = 230.18 V I = 0.08588 A P = 17.58 W PF = 0.8892

Status: Integral T = 939 ms Ip = 44858 (68%)

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

Number:4000k 60°  
Date:2026-02-17 14:40:44  
Humidity:50%  
Remarks:1 unidad

## Spectrum Test Report



### Color Parameters:

Chromaticity Coordinate:  $x=0.4359$   $y=0.4061$   $u'=0.2491$   $v'=0.5220$   
 CCT=3034K (Duv=0.0009) Dominant WL:Ld =582.3nm Purity=52.7%  
 Ratio:R=24.1% G=73.1% B=2.8%; Peak WL:Lp=622.7nm FWHM=164.1nm  
 Render Index:Ra=92.7 CRI=89.5 TM30:Rf=91 Rg=99  
 R1 =93 R2 =96 R3 =97 R4 =93 R5 =92 R6 =95 R7 =93  
 R8 =82 R9 =59 R10=89 R11=94 R12=78 R13=94 R14=98 R15=89

### Photo Parameters:

Flux = 1410 lm Eff. : 75.33 lm/W Fe = 4.830 W

### Electrical parameters:

V = 230.16 V I = 0.09035 A P = 18.71 W PF = 0.8999

Status: Integral T = 939 ms Ip = 46777 (71%)

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

Number:3000k 60°  
 Date:2026-02-17 14:41:10  
 Humidity:50%  
 Remarks:1 unidad