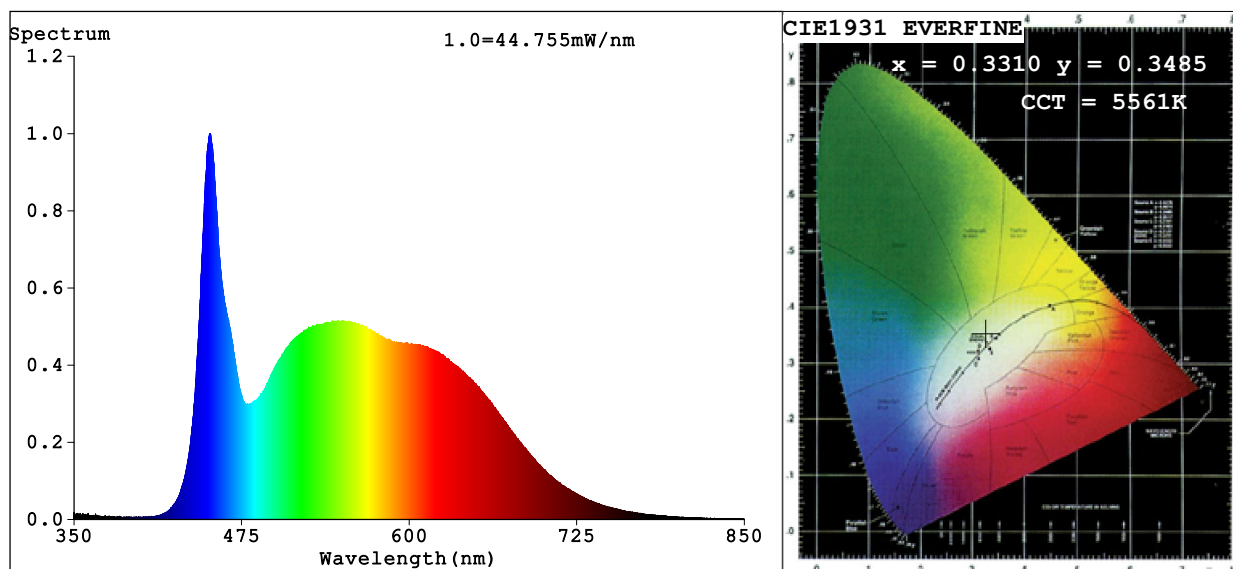


## Spectrum Test Report



### Color Parameters:

Chromaticity Coordinate:  $x=0.3310$   $y=0.3485$   $u'=0.2031$   $v'=0.4811$   
CCT=5561K (Duv=0.0044) Dominant WL:Ld =546.3nm Purity=4.0%  
Ratio:R=15.8% G=78.6% B=5.6%; Peak WL:Lp=451.2nm FWHM=22.9nm  
Render Index:Ra=91.4 CRI=87.3 TM30:Rf=89 Rg=98  
R1 =91 R2 =94 R3 =94 R4 =91 R5 =90 R6 =90 R7 =95  
R8 =87 R9 =62 R10=84 R11=91 R12=66 R13=92 R14=97 R15=89

### Photo Parameters:

Flux = 1530 lm Eff. : 81.15 lm/W Fe = 5.284 W

### Electrical parameters:

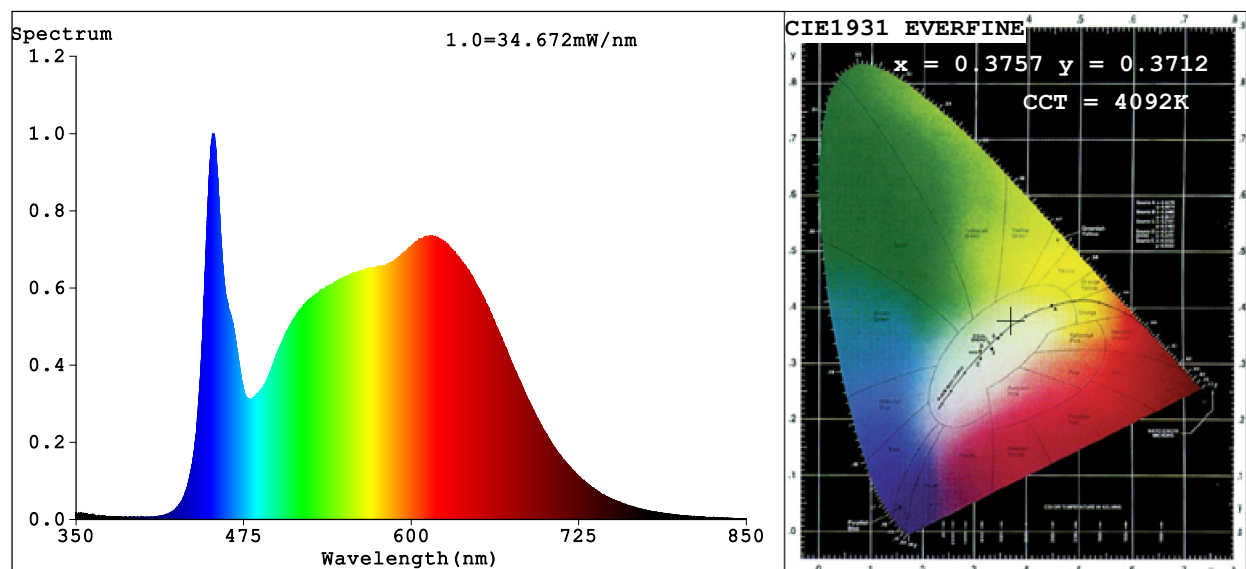
V = 230.18 V I = 0.09096 A P = 18.86 W PF = 0.9007

Status: Integral T = 625 ms Ip = 32356 (49%)

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

Number:6000k 20°  
Date:2026-02-17 14:38:25  
Humidity:50%  
Remarks:1 unidad

## Spectrum Test Report



### Color Parameters:

Chromaticity Coordinate:  $x=0.3757$   $y=0.3712$   $u'=0.2242$   $v'=0.4984$

$CCT=4092K$  ( $Duv=-0.0012$ ) Dominant WL:  $L_d = 579.4nm$  Purity=24.1%

Ratio:  $R=19.9\%$   $G=75.7\%$   $B=4.4\%$ ; Peak WL:  $L_p=451.9nm$  FWHM=22.8nm

Render Index:  $R_a=94.5$  CRI=91.5 TM30:  $R_f=91$   $R_g=100$

$R_1 = 96$   $R_2 = 98$   $R_3 = 97$   $R_4 = 94$   $R_5 = 94$   $R_6 = 94$   $R_7 = 95$

$R_8 = 89$   $R_9 = 74$   $R_{10} = 92$   $R_{11} = 94$   $R_{12} = 70$   $R_{13} = 97$   $R_{14} = 98$   $R_{15} = 94$

### Photo Parameters:

Flux = 1559 lm Eff. : 88.37 lm/W  $F_e = 5.409 W$

### Electrical parameters:

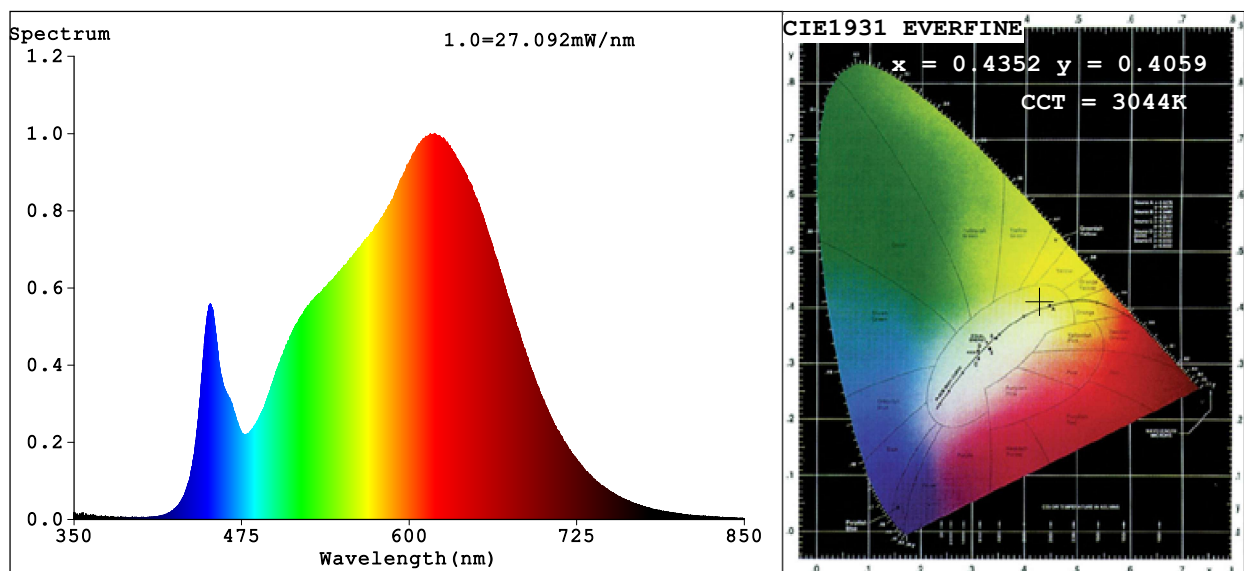
$V = 230.16 V$   $I = 0.08616 A$   $P = 17.64 W$  PF = 0.8896

Status: Integral  $T = 1083 ms$   $I_p = 49878 (76\%)$

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

Number: 4000k 20°  
 Date: 2026-02-17 14:39:03  
 Humidity: 50%  
 Remarks: 1 unidad

## Spectrum Test Report



### Color Parameters:

Chromaticity Coordinate:  $x=0.4352$   $y=0.4059$   $u'=0.2487$   $v'=0.5218$   
 CCT=3044K (Duv=0.0010) Dominant WL:Ld =582.3nm Purity=52.5%  
 Ratio:R=24.0% G=73.1% B=2.8%; Peak WL:Lp=619.0nm FWHM=165.6nm  
 Render Index:Ra=93.0 CRI=89.9 TM30:Rf=91 Rg=99  
 R1 =93 R2 =96 R3 =97 R4 =94 R5 =93 R6 =95 R7 =93  
 R8 =83 R9 =60 R10=89 R11=95 R12=78 R13=94 R14=98 R15=89

### Photo Parameters:

Flux = 1362 lm Eff. : 72.53 lm/W Fe = 4.685 W

### Electrical parameters:

V = 230.18 V I = 0.09062 A P = 18.78 W PF = 0.9002

Status: Integral T = 1083 ms Ip = 52003 (79%)

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

Number:3000k 20°  
 Date:2026-02-17 14:39:26  
 Humidity:50%  
 Remarks:1 unidad