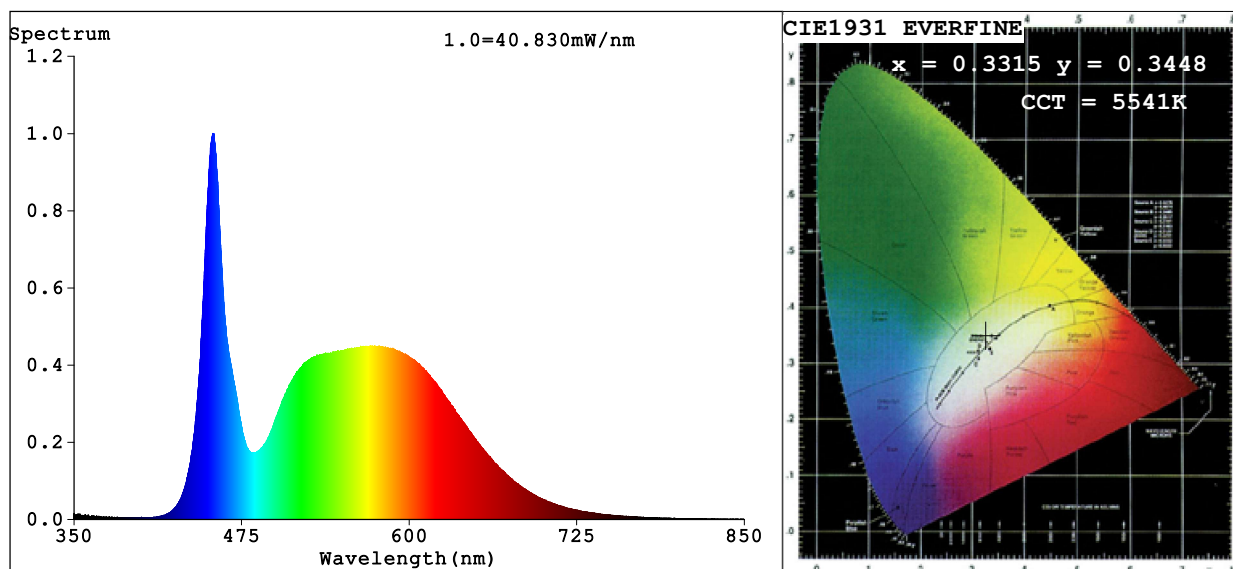


## Spectrum Test Report



### Color Parameters:

Chromaticity Coordinate:  $x=0.3315$   $y=0.3448$   $u'=0.2048$   $v'=0.4793$

CCT=5541K (Duv=0.0023) Dominant WL:Ld =546.0nm Purity=3.0%

Ratio:R=14.9% G=80.3% B=4.8%; Peak WL:Lp=453.6nm FWHM=17.8nm

Render Index:Ra=83.5 CRI=76.3 TM30:Rf=81 Rg=95

R1 =82 R2 =89 R3 =91 R4 =83 R5 =82 R6 =83 R7 =88

R8 =70 R9 =14 R10=71 R11=81 R12=54 R13=84 R14=95 R15=78

### Photo Parameters:

Flux = 1190 lm Eff. : 111.26 lm/W Fe = 3.762 W

### Electrical parameters:

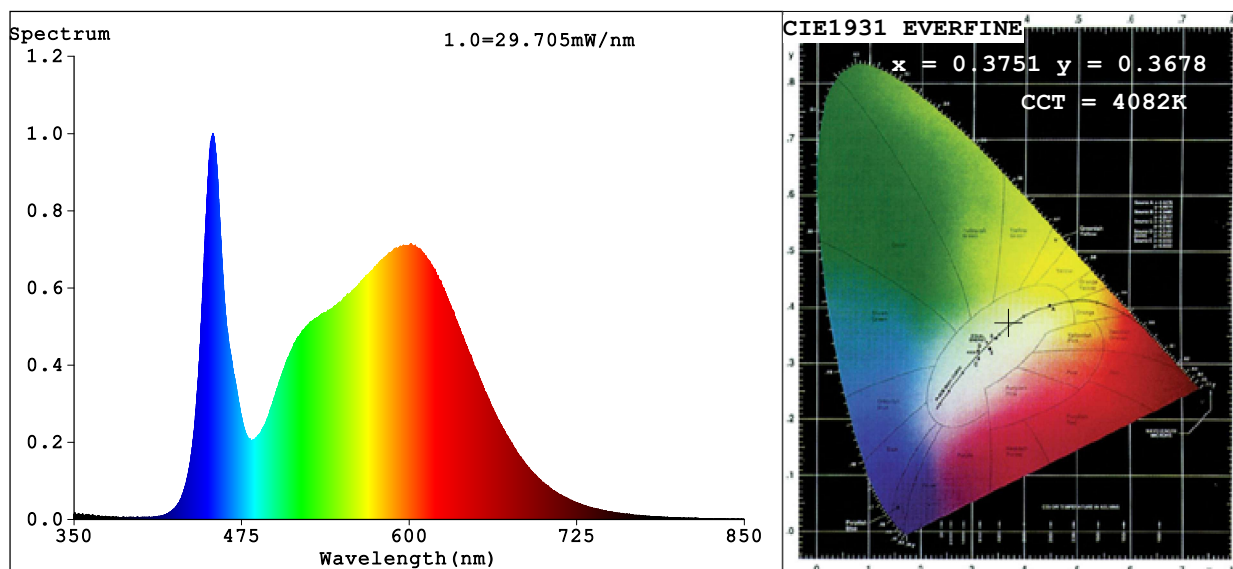
V = 230.10 V I = 0.04926 A P = 10.69 W PF = 0.9433

Status: Integral T = 1169 ms Ip = 49961 (76%)

Model:Kiss T  
Tester:Alejandro Hervas  
Temperature:20Deg  
Manufacturer:Luz Negra

Number:89.100 (CW)  
Date:2026-02-23 08:33:56  
Humidity:50%  
Remarks:Luminaria completa

## Spectrum Test Report



### Color Parameters:

Chromaticity Coordinate:  $x=0.3751$   $y=0.3678$   $u'=0.2252$   $v'=0.4968$   
 CCT=4082K (Duv=-0.0027) Dominant WL:Ld =580.5nm Purity=22.9%  
 Ratio:R=18.8% G=77.4% B=3.8%; Peak WL:Lp=453.6nm FWHM=19.2nm  
 Render Index:Ra=85.8 CRI=79.9 TM30:Rf=83 Rg=97  
 R1 =86 R2 =92 R3 =95 R4 =84 R5 =85 R6 =87 R7 =87  
 R8 =70 R9 =24 R10=80 R11=84 R12=60 R13=88 R14=97 R15=81

### Photo Parameters:

Flux = 1225 lm Eff. : 118.54 lm/W Fe = 3.821 W

### Electrical parameters:

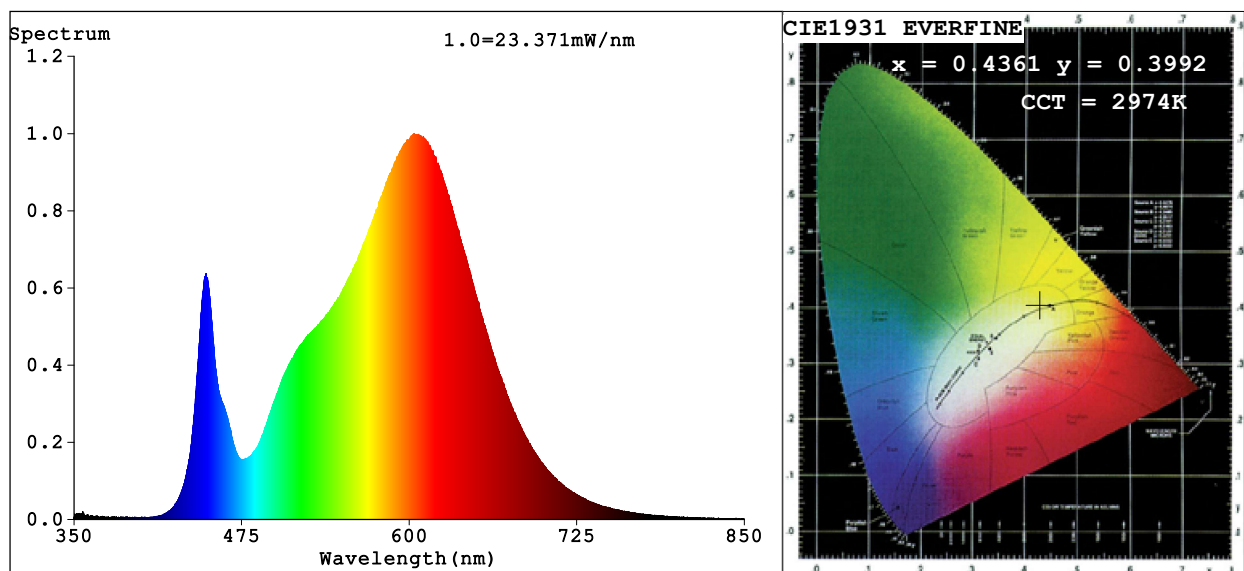
V = 230.10 V I = 0.04802 A P = 10.34 W PF = 0.9354

Status: Integral T = 1169 ms Ip = 40652 (62%)

Model:Kiss T  
 Tester:Alejandro Hervas  
 Temperature:20Deg  
 Manufacturer:Luz Negra

Number:89.100 (NW)  
 Date:2026-02-23 08:34:47  
 Humidity:50%  
 Remarks:Luminaria completa

## Spectrum Test Report



### Color Parameters:

Chromaticity Coordinate:  $x=0.4361$   $y=0.3992$   $u'=0.2521$   $v'=0.5193$   
CCT=2974K (Duv=-0.0018) Dominant WL:Ld =583.6nm Purity=50.7%  
Ratio:R=23.4% G=74.2% B=2.4%; Peak WL:Lp=603.8nm FWHM=125.6nm  
Render Index:Ra=83.3 CRI=78.1 TM30:Rf=82 Rg=98  
R1 =82 R2 =91 R3 =96 R4 =82 R5 =82 R6 =89 R7 =83  
R8 =60 R9 =10 R10=80 R11=82 R12=73 R13=84 R14=99 R15=75

### Photo Parameters:

Flux = 1120 lm Eff. : 104.37 lm/W Fe = 3.428 W

### Electrical parameters:

V = 230.11 V I = 0.04941 A P = 10.73 W PF = 0.9435

Status: Integral T = 1169 ms Ip = 43739 (67%)

Model:Kiss T  
Tester:Alejandro Hervas  
Temperature:20Deg  
Manufacturer:Luz Negra

Number:89.100 (WW)  
Date:2026-02-23 08:35:30  
Humidity:50%  
Remarks:Luminaria completa