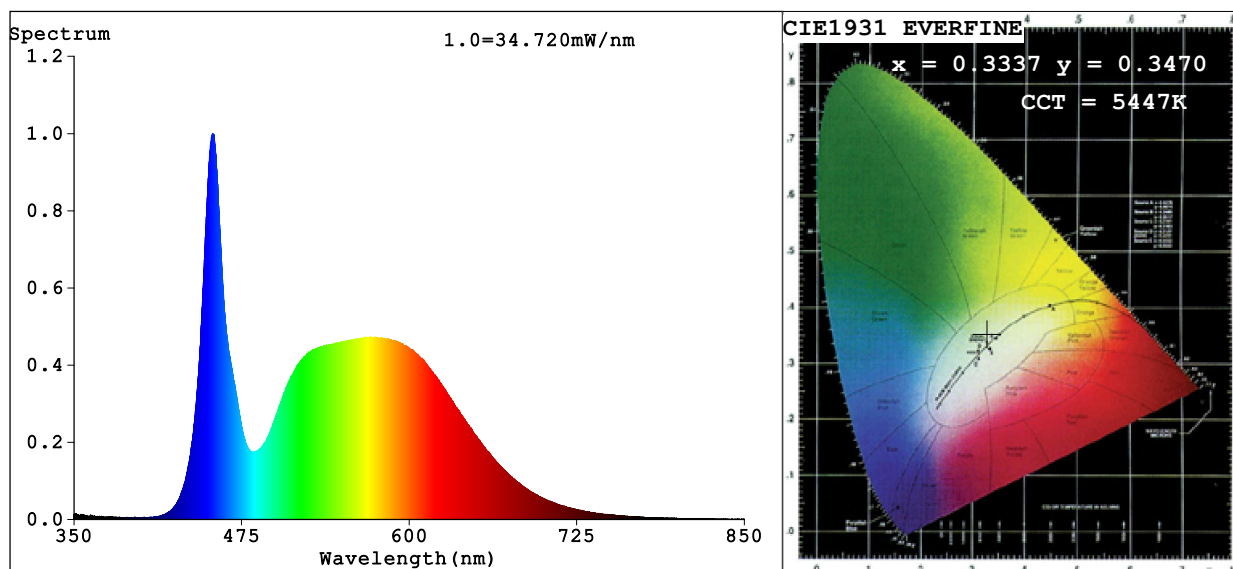


## Spectrum Test Report



### Color Parameters:

Chromaticity Coordinate:  $x=0.3337$   $y=0.3470$   $u'=0.2055$   $v'=0.4807$

CCT=5447K (Duv=0.0024) Dominant WL:Ld =555.8nm Purity=4.3%

Ratio:R=14.9% G=80.4% B=4.7%; Peak WL:Lp=453.3nm FWHM=18.5nm

Render Index:Ra=83.0 CRI=75.6 TM30:Rf=81 Rg=95

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

R8 =69 R9 =11 R10=70 R11=81 R12=54 R13=84 R14=95 R15=77

### Photo Parameters:

Flux = 1059 lm Eff. : 98.47 lm/W Fe = 3.333 W

### Electrical parameters:

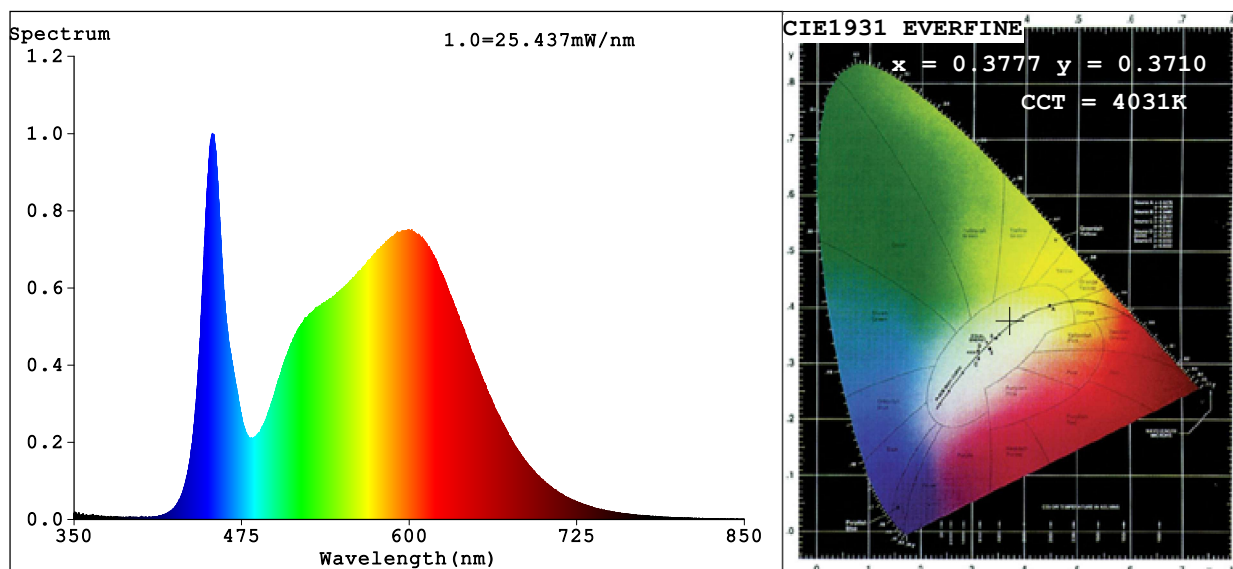
V = 230.09 V I = 0.04975 A P = 10.76 W PF = 0.9397

Status: Integral T = 1344 ms Ip = 49616 (76%)

Model:Kiss L 90°  
Tester:Alejandro Hervas  
Temperature:20Deg  
Manufacturer:Luz Negra

Number:89.101 (CW)  
Date:2026-02-23 08:45:03  
Humidity:50%  
Remarks:Luminaria Completa

## Spectrum Test Report



### Color Parameters:

Chromaticity Coordinate:  $x=0.3777$   $y=0.3710$   $u'=0.2256$   $v'=0.4986$

CCT=4031K (Duv=-0.0019) Dominant WL:Ld =580.1nm Purity=24.7%

Ratio:R=18.8% G=77.5% B=3.7%; Peak WL:Lp=453.3nm FWHM=19.6nm

Render Index:Ra=85.2 CRI=79.1 TM30:Rf=83 Rg=96

R1 =85 R2 =92 R3 =95 R4 =84 R5 =84 R6 =87 R7 =87

R8 =69 R9 =21 R10=78 R11=83 R12=60 R13=87 R14=97 R15=80

### Photo Parameters:

Flux = 1101 lm Eff. : 106.27 lm/W Fe = 3.411 W

### Electrical parameters:

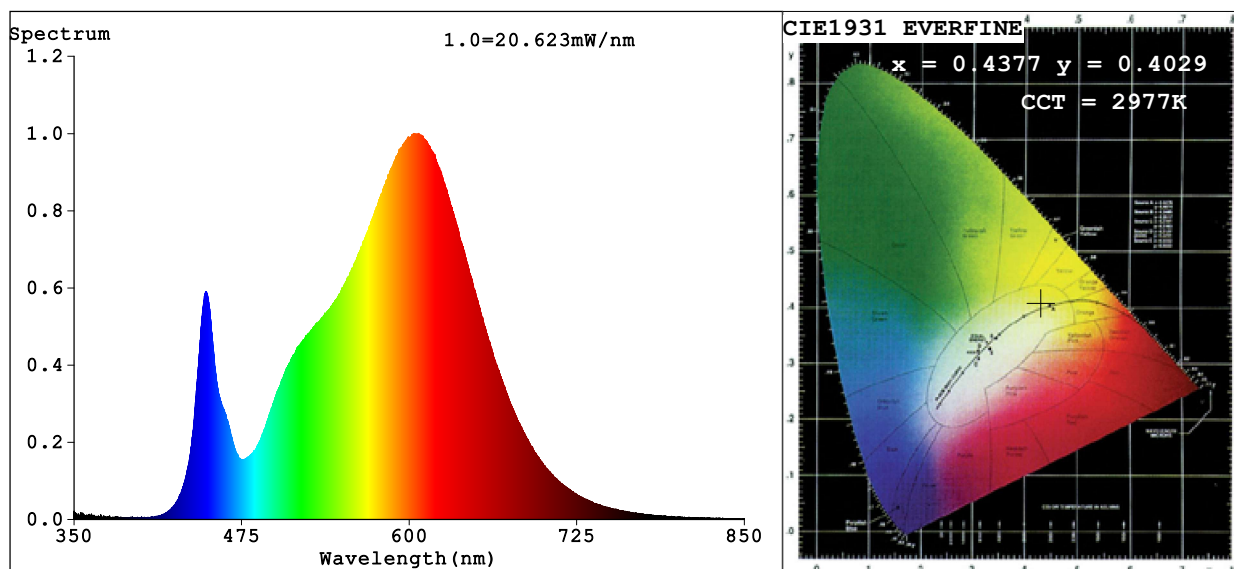
V = 230.10 V I = 0.04814 A P = 10.36 W PF = 0.9352

Status: Integral T = 1344 ms Ip = 42810 (65%)

Model:Kiss L 90°  
Tester:Alejandro Hervas  
Temperature:20Deg  
Manufacturer:Luz Negra

Number:89.101 (NW)  
Date:2026-02-23 08:45:40  
Humidity:50%  
Remarks:Luminaria Completa

## Spectrum Test Report



### Color Parameters:

Chromaticity Coordinate:  $x=0.4377$   $y=0.4029$   $u'=0.2516$   $v'=0.5210$

CCT=2977K (Duv=-0.0006) Dominant WL:Ld =583.1nm Purity=52.3%

Ratio:R=23.2% G=74.4% B=2.4%; Peak WL:Lp=607.1nm FWHM=126.9nm

Render Index:Ra=82.9 CRI=77.5 TM30:Rf=82 Rg=97

R1 =81 R2 =91 R3 =97 R4 =82 R5 =82 R6 =89 R7 =83

R8 =59 R9 =8 R10=79 R11=82 R12=72 R13=84 R14=99 R15=74

### Photo Parameters:

Flux = 994.9 lm Eff. : 92.24 lm/W Fe = 3.026 W

### Electrical parameters:

V = 230.11 V I = 0.04977 A P = 10.79 W PF = 0.9417

Status: Integral T = 1344 ms Ip = 45368 (69%)

Model:Kiss L 90°  
Tester:Alejandro Hervas  
Temperature:20Deg  
Manufacturer:Luz Negra

Number:89.101 (WW)  
Date:2026-02-23 08:46:12  
Humidity:50%  
Remarks:Luminaria Completa