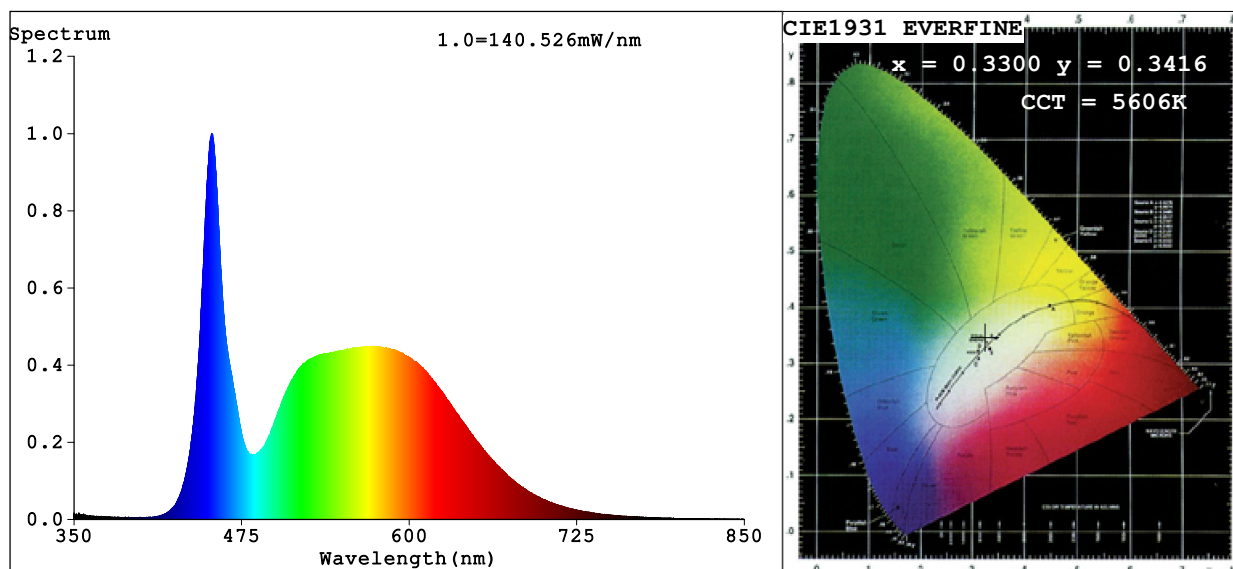


Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3300$ $y=0.3416$ $u'=0.2050$ $v'=0.4775$

CCT=5606K (Duv=0.0014) Dominant WL:Ld =528.5nm Purity=1.7%

Ratio:R=14.9% G=80.4% B=4.8%; Peak WL:Lp=452.6nm FWHM=18.2nm

Render Index:Ra=83.5 CRI=76.3 TM30:Rf=81 Rg=96

R1 =83 R2 =88 R3 =90 R4 =83 R5 =83 R6 =82 R7 =88

R8 =71 R9 =15 R10=70 R11=82 R12=55 R13=84 R14=95 R15=79

Photo Parameters:

Flux = 4088 lm Eff. : 105.37 lm/W Fe = 13.01 W

Electrical parameters:

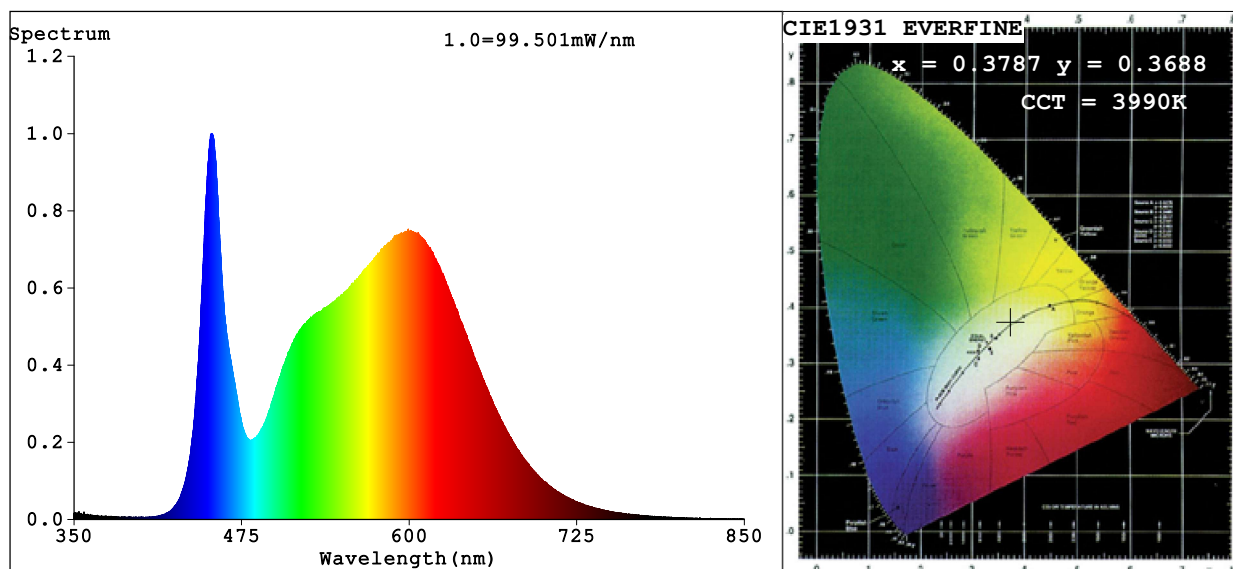
V = 230.08 V I = 0.1746 A P = 38.79 W PF = 0.9658

Status: Integral T = 387 ms Ip = 49699 (76%)

Model:Kiss L100
Tester:Alejandro Hervas
Temperature:20Deg
Manufacturer:Luz Negra

Number:89.001 (CW)
Date:2026-02-23 08:19:18
Humidity:50%
Remarks:100cm de luminaira

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3787$ $y=0.3688$ $u'=0.2271$ $v'=0.4978$

$CCT=3990K$ ($Duv=-0.0032$) Dominant WL: $L_d = 581.1nm$ Purity=24.3%

Ratio: $R=19.1\%$ $G=77.2\%$ $B=3.7\%$; Peak WL: $L_p=452.6nm$ FWHM=19.2nm

Render Index: $R_a=85.8$ CRI=80.1 TM30: $R_f=83$ $R_g=97$

$R_1 = 86$ $R_2 = 92$ $R_3 = 95$ $R_4 = 85$ $R_5 = 85$ $R_6 = 88$ $R_7 = 87$

$R_8 = 69$ $R_9 = 24$ $R_{10} = 80$ $R_{11} = 84$ $R_{12} = 62$ $R_{13} = 88$ $R_{14} = 97$ $R_{15} = 81$

Photo Parameters:

Flux = 4247 lm Eff. : 115.50 lm/W $F_e = 13.26 W$

Electrical parameters:

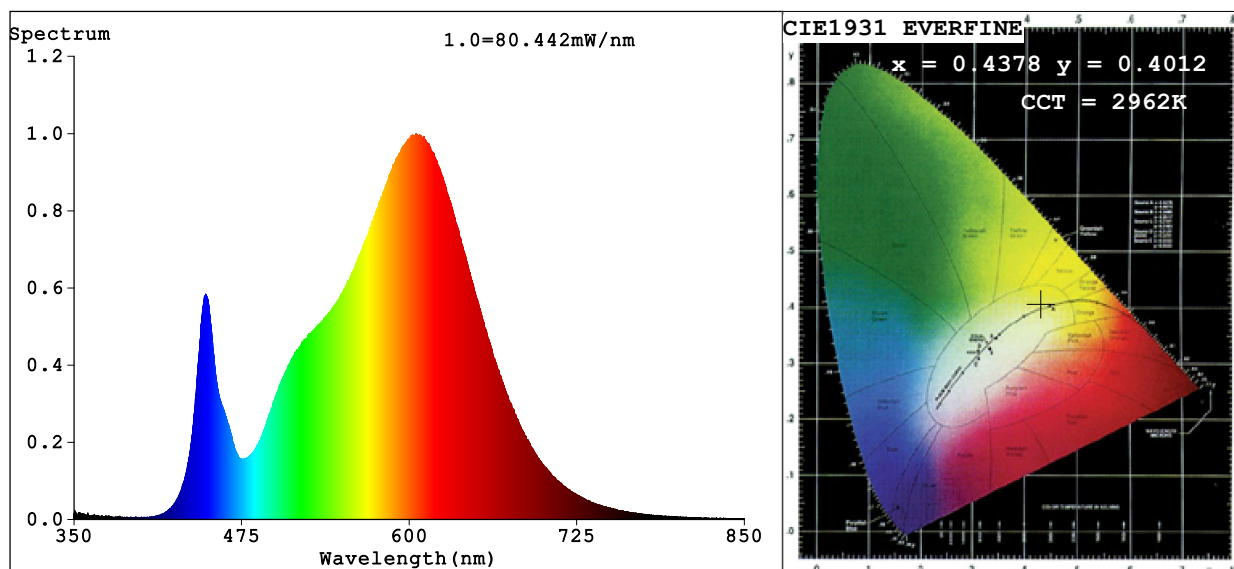
$V = 230.09 V$ $I = 0.1658 A$ $P = 36.77 W$ PF = 0.9638

Status: Integral $T = 387 ms$ $I_p = 41780 (64\%)$

Model: Kiss L100
Tester: Alejandro Hervas
Temperature: 20Deg
Manufacturer: Luz Negra

Number: 89.001 (NW)
Date: 2026-02-23 08:19:44
Humidity: 50%
Remarks: 100cm de luminaira

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.4378$ $y=0.4012$ $u'=0.2524$ $v'=0.5204$

CCT=2962K (Duv=-0.0013) Dominant WL:Ld =583.4nm Purity=51.8%

Ratio:R=23.4% G=74.2% B=2.4%; Peak WL:Lp=605.2nm FWHM=125.7nm

Render Index:Ra=83.2 CRI=78.1 TM30:Rf=82 Rg=97

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

R8 =60 R9 =9 R10=80 R11=82 R12=74 R13=84 R14=99 R15=74

Photo Parameters:

Flux = 3845 lm Eff. : 99.88 lm/W Fe = 11.75 W

Electrical parameters:

V = 230.09 V I = 0.1732 A P = 38.50 W PF = 0.9663

Status: Integral T = 312 ms Ip = 35608 (54%)

Model:Kiss L100
 Tester:Alejandro Hervas
 Temperature:20Deg
 Manufacturer:Luz Negra

Number:89.001 (WW)
 Date:2026-02-23 08:20:16
 Humidity:50%
 Remarks:100cm de luminaira