



Lighting Measure Report

Color Parameter

Chroma Coordinate: $x=0.3121$ $y=0.3361$ $u=0.1948$ $v=0.3146$ $Duv=0.0071$

Chroma Coordinate: $u'=0.1948$ $v'=0.472$

CCT.: CCT=6487K Dominant: $d=493.4\text{nm}$ Barycenter: $b=539\text{nm}$ Peak Wavelength: $p=455.6\text{nm}$

FWHM: 20.81nm Purity: $Pe=7.073\%$ Red Ratio: $R=0.132$ Green Ratio: $G=0.805$ Blue Ratio: $B=0.062$

Color CRI.: $Ra=83.51$ $\text{AvgR}(1\sim14)=76.29$ $\text{AvgR}(1\sim15)=76.27$

R 1=82 R 2=92 R 3=95 R 4=79 R 5=81 R 6=86 R 7=86

R 8=68 R 9=5 R10=78 R11=78 R12=55 R13=85 R14=98

R15=76

GAI: $GAI_EES=83.82$, $GAI_BB8=83.38$, $GAI_BB15=89.41$

Luminosity Parameter

Luminous Flux(380-780nm): 1086.64lm Optical Power(380-780nm): 3.479W Efficient(380-780nm): 112.2lm/W

EEL: 0.1177 Energy Class: F (EU)2019/2015

Photons($\mu\text{mol/s}$): 15.7[380-780nm] 11.7[380-600nm] 10.9[500-700nm]

Photosynthetic parameters(400-700nm): PPF: 15.4 $\mu\text{mol/s}$

PAR:

Eff(PPF):

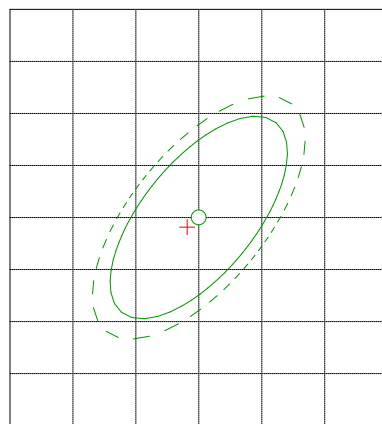
Electric Parameter

Voltage: $U=12\text{V}$ Current: $I=806.8\text{mA}$ Power: $P=9.68\text{W}$ PF: $PF=1$ Freq: 0Hz DF: 0

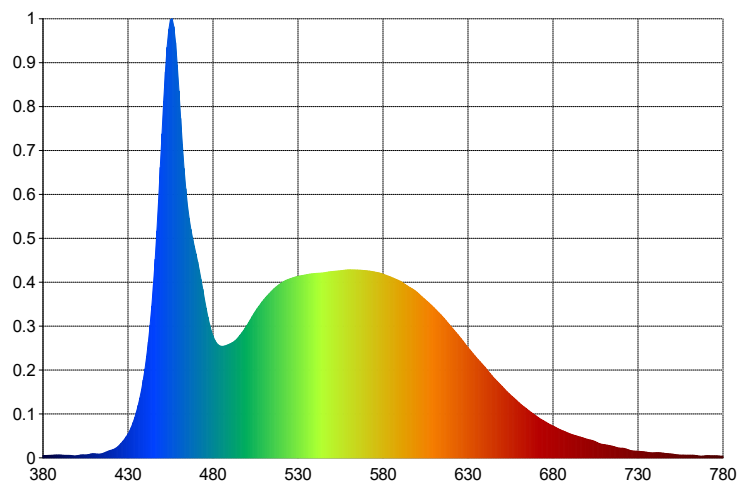
Device State

Wavelength Range: 380nm-780nm Wavelength Interval: 1nm

SDCM: 0.662



$x=0.313$ $y=0.337$ F6500



Standard: LM-79-08

Product Model: Sign Led pásek 5mm, 12V, 9,6W, 12(Manufacturer: Volnic

Sample No.: 1

Test Cond: $Tg=24.2\text{Cels}$ $Ta=24.6\text{Cels}$ RH=60%

Test Date: 2025-5-9 11:56:53

Product Category: LED strip

Measure Device: Volnic X-10 Series CCD Spectrum System

Operator(Sign): _____