



Lighting Measure Report

Color Parameter

Chroma Coordinate: $x=0.3813$ $y=0.3806$ $u=0.2241$ $v=0.3356$ $Duv=0.0016$

Chroma Coordinate: $u'=0.2241$ $v'=0.5034$

CCT.: CCT=4005K Dominant: $d=577.8\text{nm}$ Barycenter: $b=569\text{nm}$ Peak Wavelength: $p=452.3\text{nm}$

FWHM: 21.55nm Purity: $Pe=28.66\%$ Red Ratio: $R=0.184$ Green Ratio: $G=0.777$ Blue Ratio: $B=0.039$

Color CRI.: $Ra=84.65$ $\text{AvgR}(1\sim14)=78.5$ $\text{AvgR}(1\sim15)=78.4$

R 1=83 R 2=92 R 3=97 R 4=83 R 5=83 R 6=88 R 7=86

R 8=65 R 9=11 R10=80 R11=82 R12=64 R13=86 R14=99

R15=77

GAI: $GAI_EES=70.92$, $GAI_BB8=89.82$, $GAI_BB15=95.94$

Luminosity Parameter

Luminous Flux(380-780nm): 1048.5lm Optical Power(380-780nm): 3.171W Efficient(380-780nm): 109.3lm/W

EEL: 0.1201 Energy Class: F (EU)2019/2015

Photons($\mu\text{mol/s}$): 14.9[380-780nm] 9.4[380-600nm] 11.9[500-700nm]

Photosynthetic parameters(400-700nm): PPF: 14.5 $\mu\text{mol/s}$

PAR:

Eff(PPF):

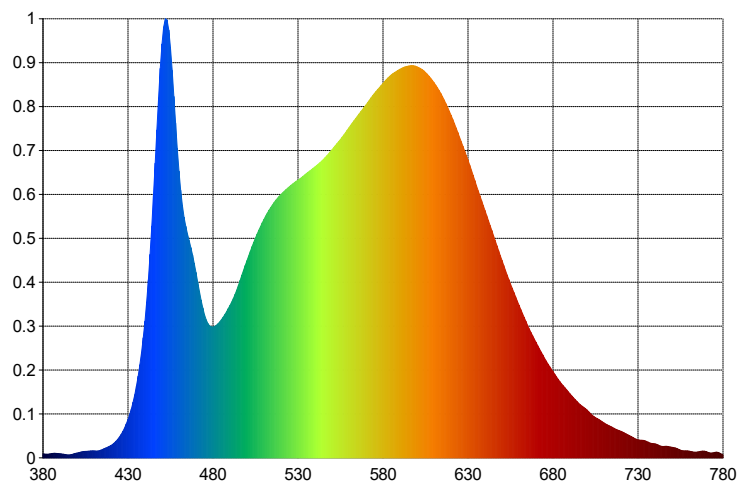
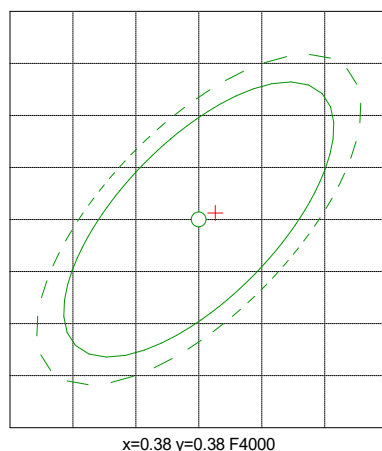
Electric Parameter

Voltage: $U=12\text{V}$ Current: $I=799.5\text{mA}$ Power: $P=9.59\text{W}$ PF: $PF=1$ Freq: 0Hz DF: 0

Device State

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

SDCM: 0.654



Standard: LM-79-08

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

Sample No.: 3

Product Category: LED strip

Test Cond: $T_g=24.2\text{Cels}$ $T_a=24.6\text{Cels}$ RH=60%

Measure Device: Volnic X-10 Series CCD Spectrum System

Test Date: 2025-5-9 12:15:17

Operator(Sign): _____