

Electric Light Source Test Results

Colour parameters

Chromaticity: $x=0.4524$ $y=0.4011$ $u=0.2619$ $v=0.3484$
Chromaticity: $u'=0.2619$ $v'=0.5225$
CCT=2732K Dominant $\lambda_d=584.9\text{nm}$ Centroid $\lambda_b=613\text{nm}$ Peak $\lambda_p=630.8\text{nm}$
FWHM $\Delta\lambda=142.5\text{nm}$ Purity $P_e=56.23\%$ Red $R=0.277$ Green $G=0.692$ Blue $B=0.032$
Colour rendering: $R_a=95.23$
R 1=96 R 2=96 R 3=97 R 4=96 R 5=95 R 6=91 R 7=95
R 8=96 R 9=93 R10=91 R11=91 R12=86 R13=95 R14=99
R15=99

Photometric parameters

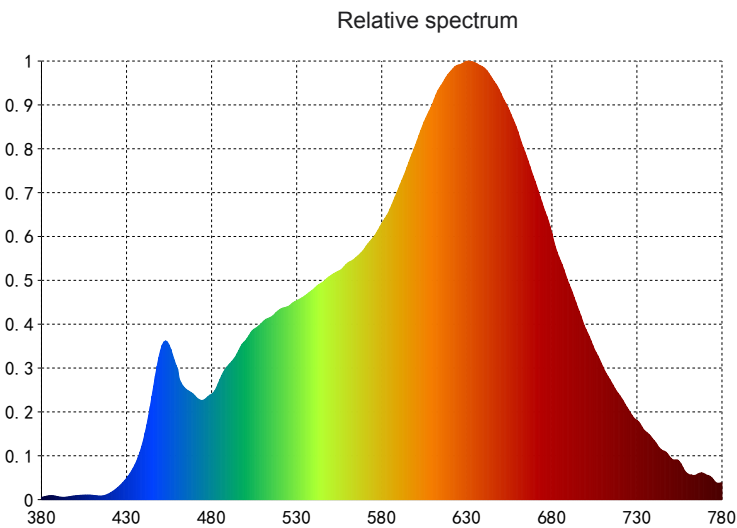
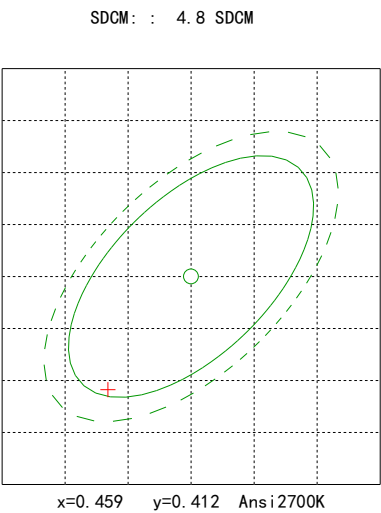
Flux (380-780nm):433.32lm Radiant power (380-780nm):1.517W Efficacy (380-780nm):34.07lm/W

Electrical parameters

Voltage $U=220\text{V}$ Current $I=63\text{mA}$ Power $P=12.72\text{W}$ Power factor $PF=0.907$

Instrument settings

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



Tested model:HB-S11-12W Product brand:JINKHOME
Sample number: 3 Product type: HB-S11-12W-2700K
Conditions:Tg=24.2Cels Ta=24.6Cels RH=60% Test instrument:X-10 rapid spectrometer
Test date:2026-5-18