

Electric Light Source Test Results

Colour parameters

Chromaticity: $x=0.3162$ $y=0.3292$ $u=0.2002$ $v=0.3126$
Chromaticity: $u'=0.2002$ $v'=0.469$
CCT=6315K Dominant $\lambda_d=488.6\text{nm}$ Centroid $\lambda_b=549\text{nm}$ Peak $\lambda_p=451.1\text{nm}$
FWHM $\Delta\lambda=27.9\text{nm}$ Purity $P_e=6.078\%$ Red $R=0.163$ Green $G=0.765$ Blue $B=0.073$
Colour rendering: $R_a=98$
R 1=97 R 2=98 R 3=100 R 4=98 R 5=98 R 6=97 R 7=98
R 8=98 R 9=96 R10=96 R11=96 R12=83 R13=97 R14=100
R15=96

Photometric parameters

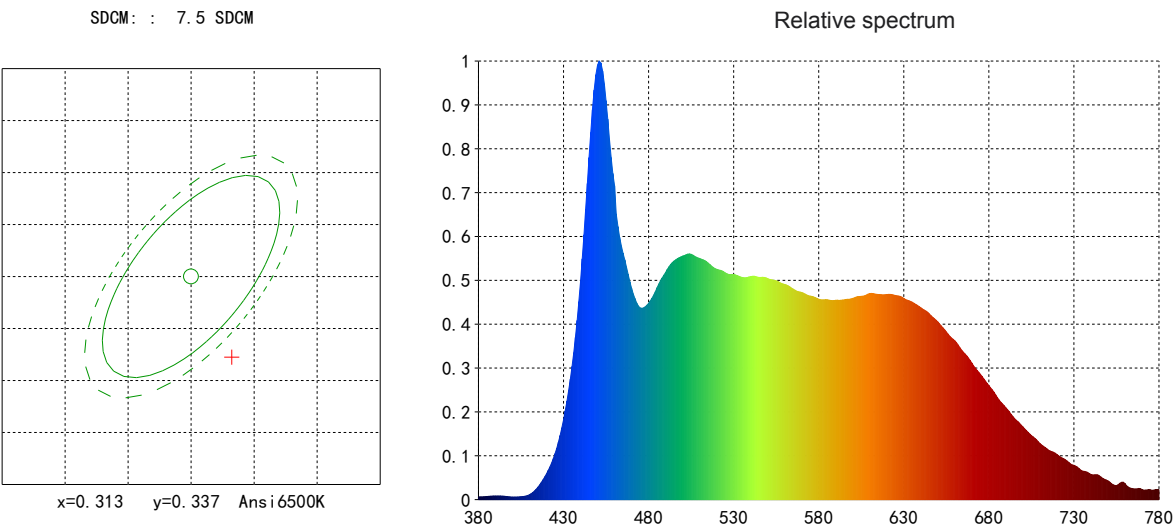
Flux (380-780nm):497.491lm Radiant power (380-780nm):1.699W Efficacy (380-780nm):39.11lm/W

Electrical parameters

Voltage $U=220.2\text{V}$ 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: 4	Product type: HB-S11-12W-6000K
Conditions:Tg=24.2Cels Ta=24.6Cels RH=60%	Test instrument:X-10 rapid spectrometer
Test date:2026-5-18	