

# Spectrum Test Report



Product :  
Sample No. : 4000K  
Manufacturer : LEDHOME

Date : 2024-03-23  
Instrument : HAAS-2000(EVERFINE)  
Operator : DAMIN

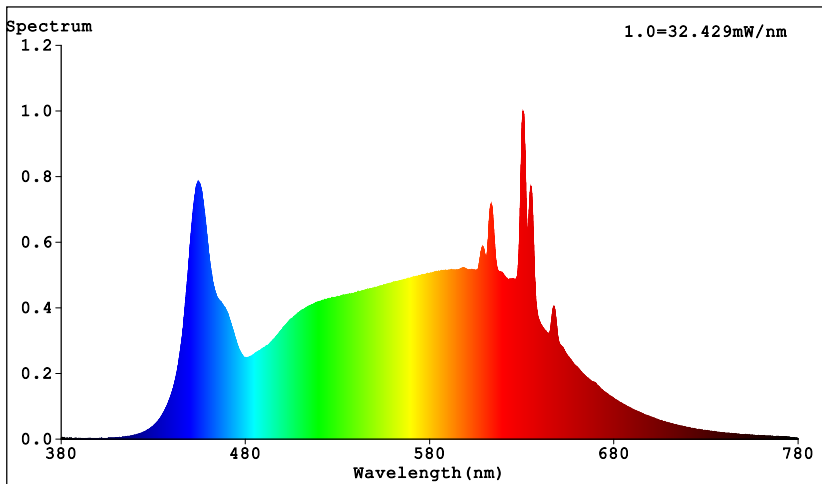
## Test Condition

Temperature : 25.3Deg  
Scan Range : 380nm-780nm

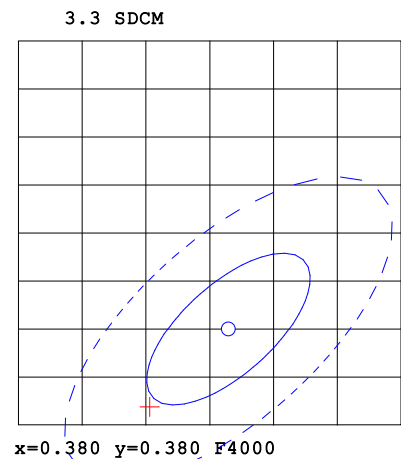
RH : 65.0%  
IP : 50381 (77%)  
T : 50 ms  
Delicacy : High

Test Type : Fast Test

## Spectroradiometric Parameters



Spectral Distribution



CIE1931 Chromaticity Diagram

## CIE Color Parameters:

Chromaticity Coordinate:  $x=0.3738$   $y=0.3719$   $u'=0.2227$   $v'=0.4984$  ( $duv=-3.09e-04$ )

CCT:Tc= 4152K Prcp WaveL:  $\lambda_p=578.7$ nm Purity=23.8%

Peak WaveL: $\lambda_p=631$ nm Half Width: $\Delta\lambda_p=9.7$ nm Ratio:R=21.0% G=74.7% B=4.3%

Render Index:Ra=93.1

R1 =95	R2 =99	R3 =98	R4 =92	R5 =93	R6 =95	R7 =91	
R8 =84	R9 =62	R10=95	R11=93	R12=69	R13=97	R14=99	R15=91

## Photo Parameters:

Flux = 2156 lm Eff. : 224.58 lm/W Fe = 3.442 W

Fmol( $\mu$ mol/s):1.614e+000 Fluorescence and blue light ratio:4.595 Fluorescent efficiency:58.01

## Electrical parameters:

V = 24.00 V I = 0.2031 A P = 9.6 W PF = 1.000

Shenzhen Led Home Opto-Electronics Co., Ltd.

<http://www.ledhome.cn>