

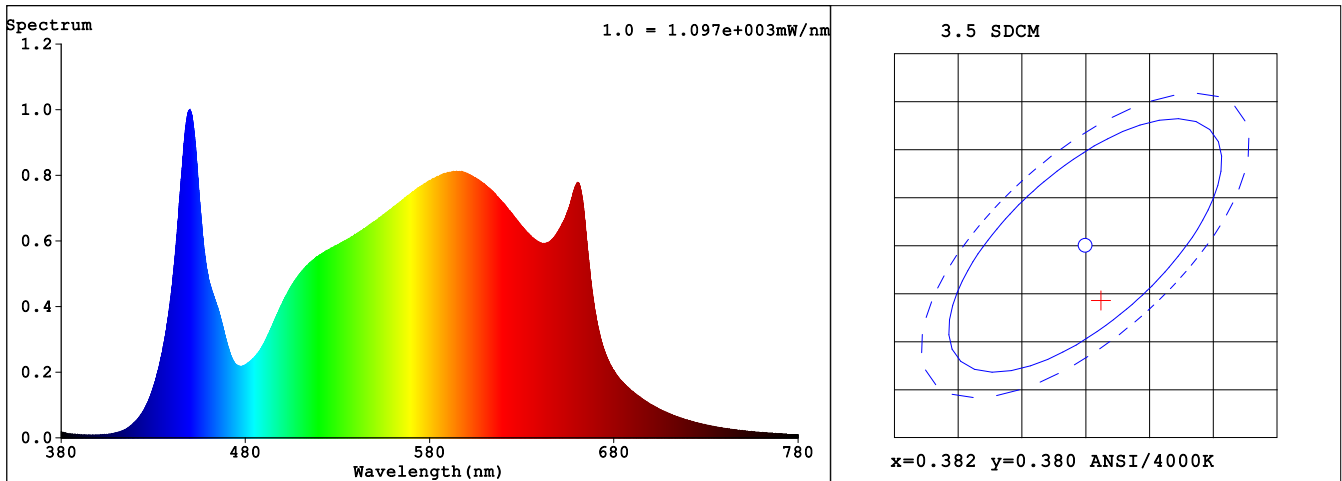
# Spectrum Test Report

Sample	:	Date	: 2022-09-08
Specification	: /	Sam. Status	:
Sample No.	: 230V_1	Standard	:
Manufacturer	: /	Instrument	: HaasSuite(EVERFINE)
Remark	:	Test by	: LYJ
Device SN	:		

## Test Condition

Temperature	: 25.3Deg	RH	: 65.0%
WL Range	: 380nm-780nm	IP	: 51651 (79%)
Test Mode	: Fast Test	T	: 44 ms
Sensitivity	: Low		

## Spectrum



## Colorimetric Parameters

Chromaticity Coordinate:  $x = 0.3830$   $y = 0.3740$  /  $u' = 0.2279$   $v' = 0.5007$  ( $duv = -2.05e-03$ )  $Dx, Dy: -0.0015, -0.0053$   
CCT= 3909K Prcp WL:  $L_d = 580.6nm$  Purity=27.2%  
Peak WL:  $L_p = 450nm$  FWHM: =18.6nm Ratio:R=19.1% G=77.4% B=3.5%  
Render Index:  $R_a = 87.0$  White Factor: 0.11851  $v'_{white} = 0.5028$  AvgR = 82.3 TM30:Rf=87 Rg=99

TLCI=74.21 EEI: 0.08414 A++ Highest

R1 =86 R2 =91 R3 =94 R4 =87 R5 =86 R6 =87 R7 =90  
R8 =76 R9 =39 R10=78 R11=87 R12=68 R13=87 R14=96 R15=83  
LEVEL:OUT WHITE:ANSI\_4000K

## Photometric & Radiometric Parameters

Flux = 52464 lm Eff. : 161.89 lm/W  $F_e = 168.07 W$  Scotopic:88330 S/P:1.6836  
Flux of emitted photons( $\mu mol/s$ ):795.67 Flu. and blue light ratio:5.104 Fluorescent eff.:428.2  
Photosynthetic:PPF(400-700nm):775.49 $\mu mol/s$  PRF(400-700nm):1.6464e+005mW  
Eff(PPF) (400-700nm):2.39 $\mu mol/s/W$

## Electrical parameters

V = 229.16 V I = 1.433 A P = 324.1 W PF = 0.9871 F=59.98 Hz