

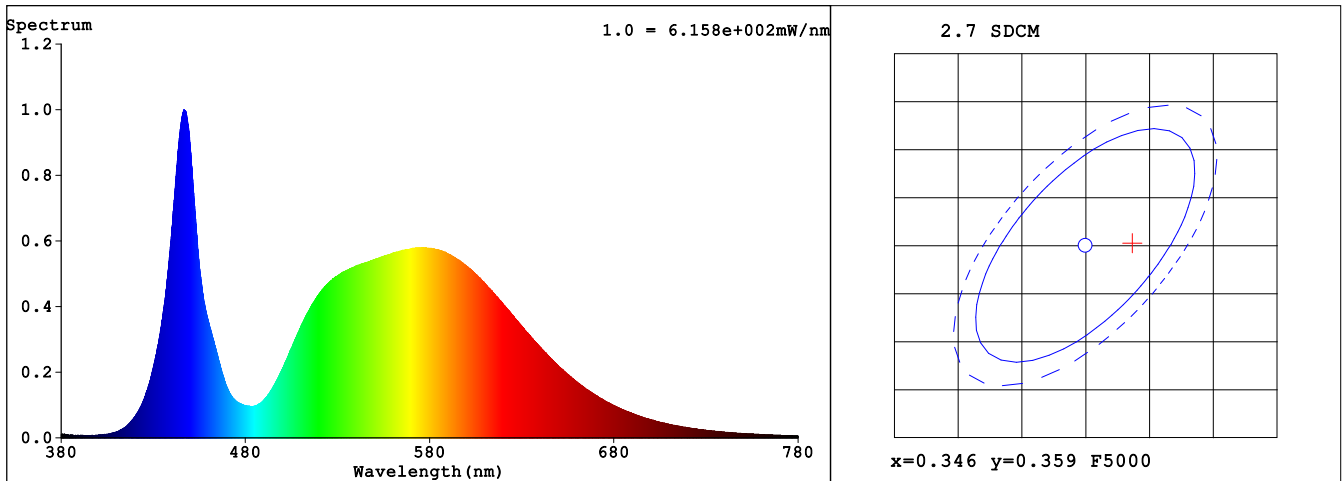
# Spectrum Test Report

Sample	:	Date	:	2021-05-26 19:30:34
Specification	:	Sam. Status	:	
Sample No.	:	Standard	:	
Manufacturer	:	Instrument	:	HaasSuite(EVERFINE)
Remark	:	Test by	:	DAMIN
Device SN	:		:	

## Test Condition

Temperature	:	25.3Deg	RH	:	65.0%
WL Range	:	380nm-780nm	IP	:	45824 (70%)
Test Mode	:	Fast Test	T	:	79 ms
Sensitivity	:	Low			

## Spectrum



## Colorimetric Parameters

Chromaticity Coordinate:  $x = 0.3497$   $y = 0.3592$  /  $u' = 0.2116$   $v' = 0.4890$  ( $duv=1.99e-03$ )  $Dx, Dy: 0.0005, 0.0044$

CCT= 4858K Prcp WL:  $L_d=572.6nm$  Purity=12.7%

Peak WL:  $L_p=447nm$  FWHM: =17.6nm Ratio:R=14.7% G=82.4% B=2.9%

Render Index:  $R_a = 72.8$  White Factor: 0.18614  $v'_{white} = 0.4906$  AvgR = 62.7 TM30:Rf=74 Rg=95

TLCI=52.16 EEI: 0.09742 A++ Highest

R1 =70.5 R2 =77.2 R3 =82.0 R4 =73.7 R5 =70.8 R6 =68.5 R7 =81.6

R8 =57.9 R9 =-25.7 R10=45.6 R11=70.7 R12=41.7 R13=71.2 R14=89.8 R15=64.8

LEVEL:OUT WHITE:ANSI\_5000K

## Photometric & Radiometric Parameters

Flux = 21325 lm Eff. : 139.83 lm/W  $F_e = 63.256 W$

Flux of emitted photons( $\mu mol/s$ ):290.23 Fluo. and blue light ratio:3.247 Fluorescent eff.:309.9

Photons1:6.098e+001  $\mu mol/s(400\sim 500nm)$  Photons2:8.049e+001  $\mu mol/s(600\sim 700nm)$

Photosynthetic:PPF(400-700nm):283.54 $\mu mol/s$  PRF(400-700nm):62108mW

Eff(PPF) (400-700nm):1.86 $\mu mol/s/W$

## Electrical parameters

V = 229.59 V I = 0.6798 A P = 152.5 W PF = 0.9771 F=49.99 Hz