

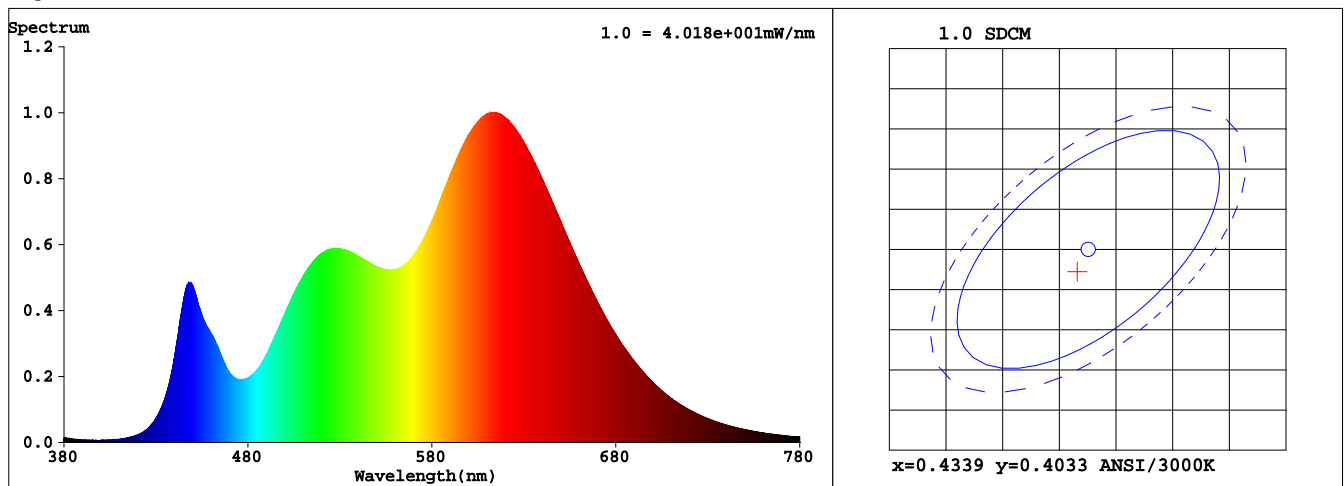
## Spectrum Test Report

Sample	:	Date	: 2021-05-11 15:30:44
Specification	:	Sam. Status	:
Sample No.	:	Instrument	: HaasSuite(EVERFINE)
Manufacturer	:	Test by	:

### Test Condition

Temperature	:	24.5Deg	RH	:	50%
WL Range	:	380nm-780nm	IP	:	51811 (79%)
Test Mode	:	Fast Test	T	:	450 ms
			Delicacy	:	Low

### Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

### Colorimetric Quantities

Chromaticity Coordinate:  $x = 0.4331$   $y = 0.4011$  /  $u' = 0.2494$   $v' = 0.5196$  ( $duv = -6.63e-04$ )

CCT= 3042K Prcp WL: Ld=582.9nm Purity=50.4%

Peak WL: Lp=614nm FWHM: =153.8nm Ratio:R=25.3% G=71.8% B=2.9%

Render Index: Ra = 94.8

R1 =99	R2 =99	R3 =99	R4 =95	R5 =98	R6 =94	R7 =92	
R8 =82	R9 =59	R10=99	R11=88	R12=92	R13=98	R14=99	R15=92

### Photometric & Radiometric Quantities

Flux = 1948.1 lm Eff. : 109.04 lm/W Fe = 6.3685 W

Flux of emitted photons(umol/s):31.035 Fluo. and blue light ratio:9.577 Fluorescent eff.:315.8

### Electrical parameters

V = 120.0 V I = 0.1522 A P = 17.86 W PF = 0.9782

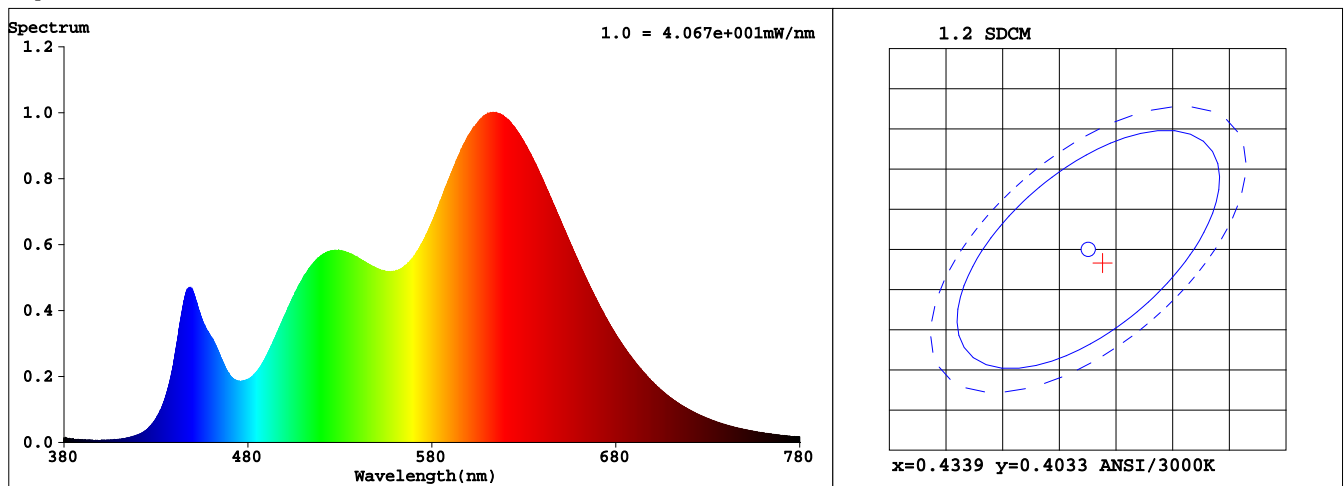
## Spectrum Test Report

Sample	:	Date	:	2021-05-11 15:40:05
Specification	:	Sam. Status	:	
Sample No.	:	Instrument	:	HaasSuite(EVERFINE)
Manufacturer	:	Test by	:	

### Test Condition

Temperature	:	24.7Deg	RH	:	50%
WL Range	:	380nm-780nm	IP	:	52445 (80%)
Test Mode	:	Fast Test	T	:	450 ms
			Delicacy	:	Low

### Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

### Colorimetric Quantities

Chromaticity Coordinate:  $x = 0.4350$   $y = 0.4019$  /  $u' = 0.2502$   $v' = 0.5202$  ( $duv = -5.88e-04$ )

CCT= 3016K Prcp WL: Ld=583.0nm Purity=51.2%

Peak WL: Lp=615nm FWHM: =153.3nm Ratio:R=25.4% G=71.7% B=2.8%

Render Index: Ra = 94.7

R1 =99	R2 =99	R3 =99	R4 =95	R5 =98	R6 =93	R7 =92	
R8 =82	R9 =59	R10=99	R11=88	R12=93	R13=98	R14=99	R15=92

### Photometric & Radiometric Quantities

Flux = 1959.8 lm Eff. : 109.03 lm/W Fe = 6.4089 W

Flux of emitted photons(umol/s):31.262 Fluo. and blue light ratio:9.918 Fluorescent eff.:317.1

### Electrical parameters

V = 120.0 V I = 0.1530 A P = 17.98 W PF = 0.9789