

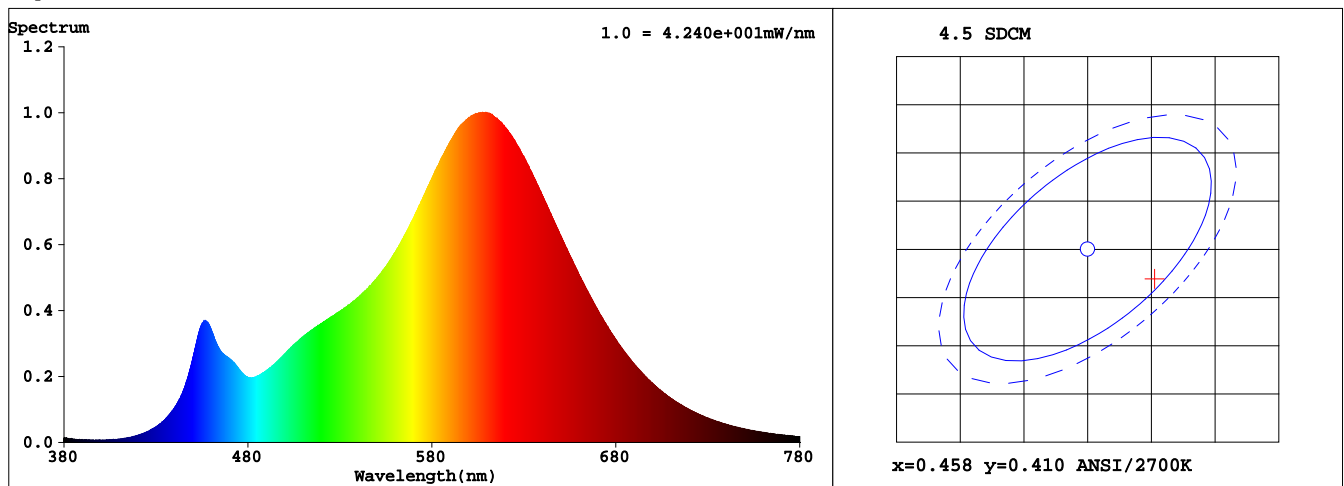
## Spectrum Test Report

Sample	:	Date	: 2020-08-21 15:47:08
Specification	: 9aSA-RS2000ST-Q1D-02_15W	Sam. Status	:
Sample No.	: C2034206A001	Instrument	: HaasSuite(EVERFINE)
Manufacturer	:	Test by	: 黄舒婷
		Assessor	: damin

### Test Condition

Temperature	: 25.3Deg	RH	: 42%
WL Range	: 380nm-780nm	IP	: 46473 (71%)
Test Mode	: Fast Test	T	: 260 ms
		Sensitivity	: Low

### Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

### Colorimetric Parameters

Chromaticity Coordinate:  $x = 0.4631$   $y = 0.4070$  /  $u' = 0.2662$   $v' = 0.5265$  ( $duv = -1.56e-03$ )

CCT= 2628K Prcp WL: Ld=585.1nm Purity=61.2%

Peak WL: Lp=609nm FWHM: =110.3nm Ratio:R=26.0% G=71.5% B=2.5%

Render Index: Ra = 82.7

R1 =82.54 R2 =94.75 R3 =91.17 R4 =79.58 R5 =83.36 R6 =94.87 R7 =79.25

R8 =56.39 R9 =9.87 R10=88.72 R11=79.71 R12=82.01 R13=85.77 R14=95.84 R15=74.26

LEVEL:OUT WHITE:ANSI\_2700K

### Photometric & Radiometric Parameters

Flux = 1924.1 lm Eff. : 130.81 lm/W Fe = 6.0999 W

Flux of emitted photons(umol/s):30.057 Fluo. and blue light ratio:10.76 Fluorescent eff.:355.8

### Electrical parameters

V = 230.0 V I = 0.06823 A P = 14.71 W PF = 0.9376 F=50.00 Hz

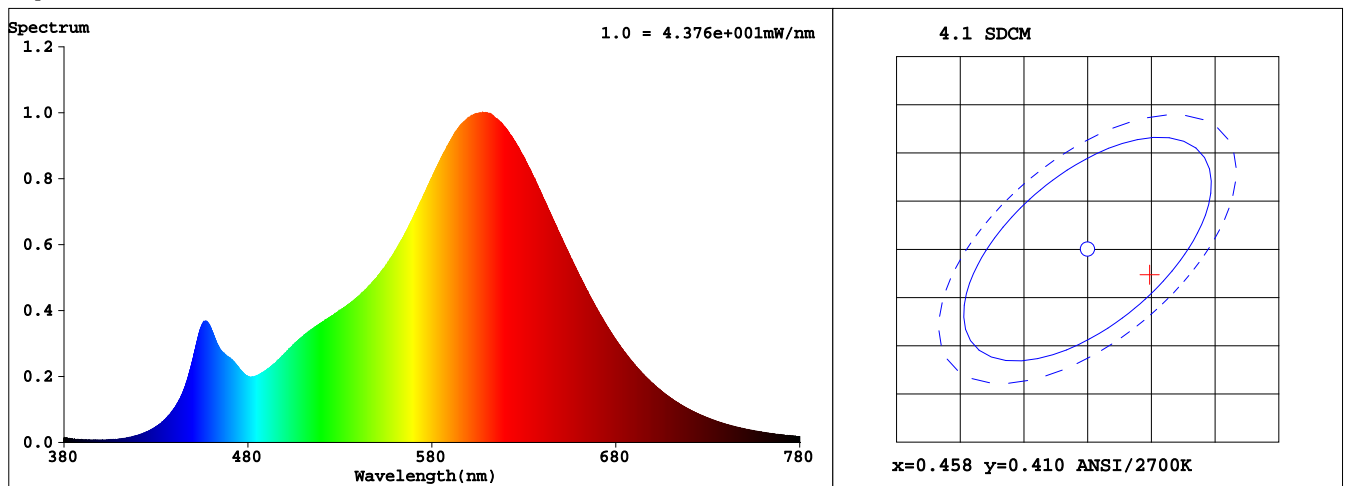
## Spectrum Test Report

Sample	:	Date	: 2020-08-21 15:51:18
Specification	: 9aSA-RS2000ST-Q1D-02_15W	Sam. Status	:
Sample No.	: C2034206A002	Instrument	: HaasSuite(EVERFINE)
Manufacturer	:	Test by	: 黄舒婷
		Assessor	: damin

### Test Condition

Temperature	: 25.3Deg	RH	: 42%
WL Range	: 380nm-780nm	IP	: 48081 (73%)
Test Mode	: Fast Test	T	: 260 ms
		Sensitivity	: Low

### Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

### Colorimetric Parameters

Chromaticity Coordinate:  $x = 0.4627$   $y = 0.4075$  /  $u' = 0.2657$   $v' = 0.5266$  ( $duv = -1.38e-03$ )

CCT= 2637K Prcp WL: Ld=585.0nm Purity=61.2%

Peak WL: Lp=608nm FWHM: =110.6nm Ratio:R=25.9% G=71.6% B=2.5%

Render Index: Ra = 82.7

R1 =82.40 R2 =94.61 R3 =91.34 R4 =79.59 R5 =83.32 R6 =94.81 R7 =79.26

R8 =56.33 R9 =9.66 R10=88.44 R11=79.66 R12=81.71 R13=85.60 R14=95.92 R15=74.11

LEVEL:OUT WHITE:ANSI\_2700K

### Photometric & Radiometric Parameters

Flux = 1991.7 lm Eff. : 130.30 lm/W Fe = 6.3053 W

Flux of emitted photons(umol/s):31.062 Fluo. and blue light ratio:10.88 Fluorescent eff.:354.7

### Electrical parameters

V = 229.9 V I = 0.07081 A P = 15.29 W PF = 0.9389 F=50.00 Hz

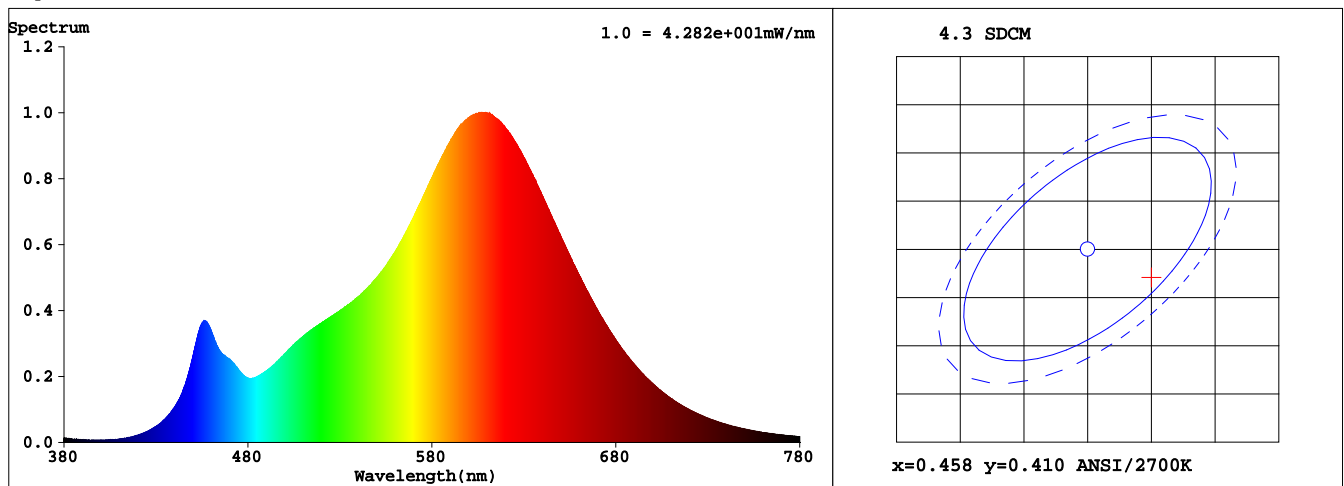
## Spectrum Test Report

Sample	:	Date	: 2020-08-21 15:53:52
Specification	: 9aSA-RS2000ST-Q1D-02_15W	Sam. Status	:
Sample No.	: C2034206A003	Instrument	: HaasSuite(EVERFINE)
Manufacturer	:	Test by	: 黄舒婷
		Assessor	: damin

### Test Condition

Temperature	: 25.3Deg	RH	: 42%
WL Range	: 380nm-780nm	IP	: 47004 (72%)
Test Mode	: Fast Test	T	: 260 ms
		Sensitivity	: Low

### Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

### Colorimetric Parameters

Chromaticity Coordinate:  $x = 0.4628$   $y = 0.4072$  /  $u' = 0.2660$   $v' = 0.5265$  ( $duv = -1.49e-03$ )

CCT= 2633K Prcp WL: Ld=585.0nm Purity=61.1%

Peak WL: Lp=607nm FWHM: =110.5nm Ratio:R=25.9% G=71.6% B=2.5%

Render Index: Ra = 82.7

R1 =82.36 R2 =94.52 R3 =91.44 R4 =79.62 R5 =83.28 R6 =94.71 R7 =79.27

R8 =56.29 R9 =9.55 R10=88.26 R11=79.72 R12=81.75 R13=85.53 R14=95.99 R15=74.08

LEVEL:OUT WHITE:ANSI\_2700K

### Photometric & Radiometric Parameters

Flux = 1947.2 lm Eff. : 131.39 lm/W Fe = 6.1657 W

Flux of emitted photons(umol/s):30.376 Fluo. and blue light ratio:10.88 Fluorescent eff.:357.6

### Electrical parameters

V = 230.0 V I = 0.06867 A P = 14.82 W PF = 0.9384 F=50.00 Hz