

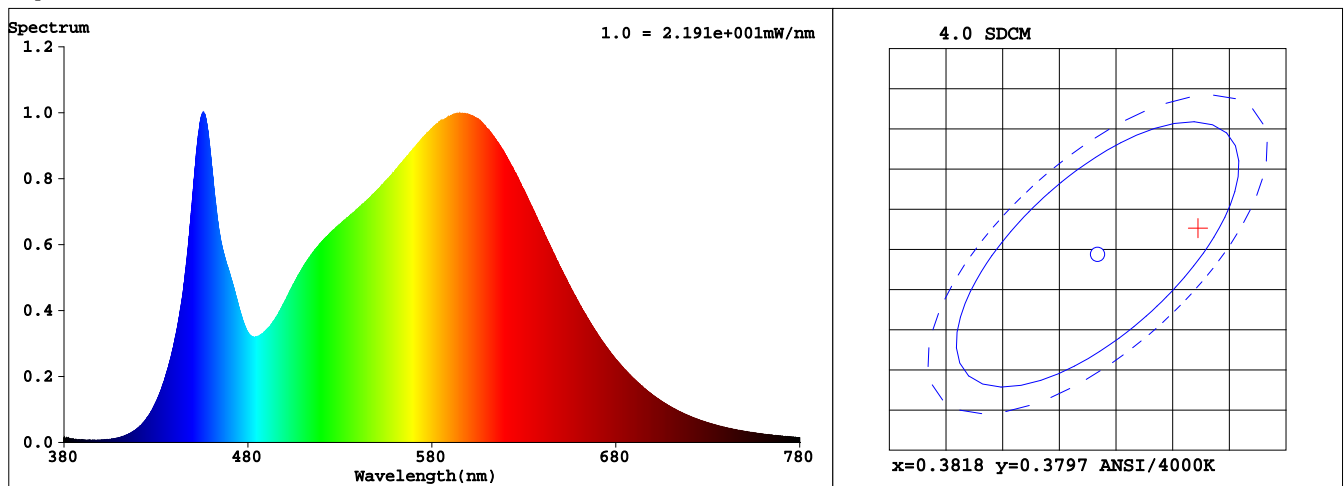
## Spectrum Test Report

Sample	:		Date	:	2020-08-24 17:46:50
Specification	:	_9aSA-RS1060ST-Q1D-05 8.5W	Sam. Status	:	
Sample No.	:	C2034818A001	Instrument	:	HaasSuite(EVERFINE)
Manufacturer	:		Test by	:	李春燕

### Test Condition

Temperature	:	25.9Deg	RH	:	50%
WL Range	:	380nm-780nm	IP	:	42514 (65%)
Test Mode	:	Fast Test	T	:	60 ms
			Delicacy	:	High

### Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

### Colorimetric Quantities

Chromaticity Coordinate:  $x = 0.3894$   $y = 0.3823$  /  $u' = 0.2288$   $v' = 0.5053$  ( $duv=7.33e-05$ )

CCT= 3807K Prcp WL:  $L_d=579.7nm$  Purity=31.6%

Peak WL:  $L_p=456nm$  FWHM: =25.0nm Ratio:R=19.1% G=77.2% B=3.7%

Render Index:  $R_a = 83.4$

R1 =82	R2 =92	R3 =96	R4 =80	R5 =82	R6 =88	R7 =85	
R8 =64	R9 =11	R10=79	R11=79	R12=63	R13=85	R14=98	R15=76

### Photometric & Radiometric Quantities

Flux = 1264.5 lm Eff. : 143.66 lm/W Fe = 3.8683 W

Flux of emitted photons( $\mu mol/s$ ):18.305 Fluo. and blue light ratio:4.887 Fluorescent eff.:337.5

### Electrical parameters

V = 229.9 V I = 0.04140 A P = 8.802 W PF = 0.9248

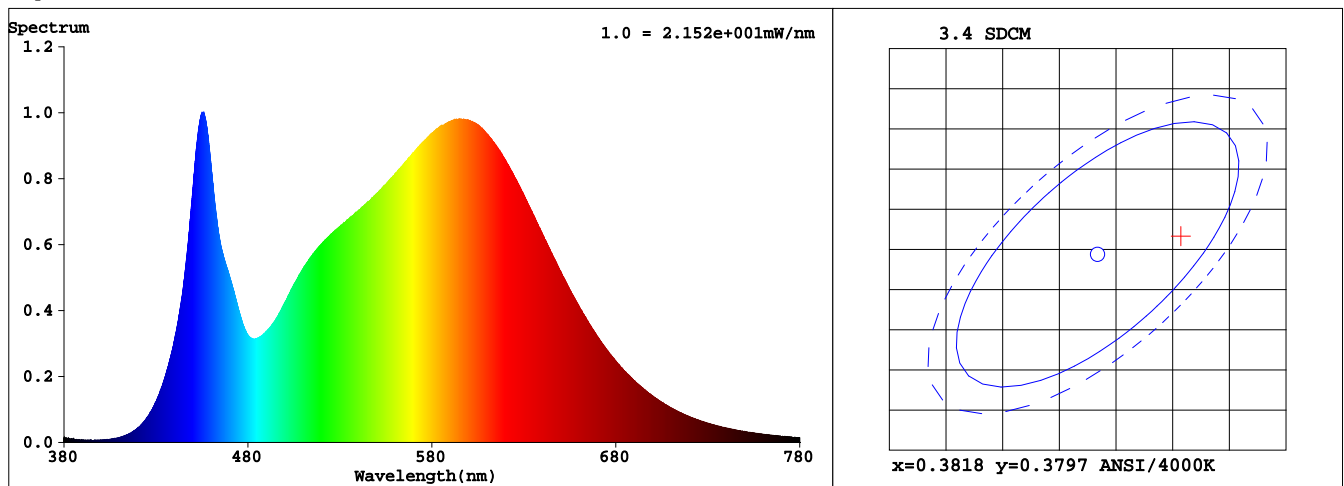
## Spectrum Test Report

Sample	:	Date	: 2020-08-24 17:49:59
Specification	: _9aSA-RS1060ST-Q1D-05 8.5W	Sam. Status	:
Sample No.	: C2034818A002	Instrument	: HaasSuite(EVERFINE)
Manufacturer	:	Test by	: 李春燕

### Test Condition

Temperature	: 25.9Deg	RH	: 50%
WL Range	: 380nm-780nm	IP	: 41098 (63%)
Test Mode	: Fast Test	T	: 60 ms
		Delicacy	: High

### Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

### Colorimetric Quantities

Chromaticity Coordinate:  $x = 0.3881$   $y = 0.3815$  /  $u' = 0.2282$   $v' = 0.5048$  ( $duv=5.14e-05$ )

CCT= 3834K Prcp WL:  $L_d=579.7nm$  Purity=31.0%

Peak WL:  $L_p=456nm$  FWHM: =24.6nm Ratio:R=19.0% G=77.3% B=3.7%

Render Index:  $R_a = 83.4$

R1 =82	R2 =91	R3 =96	R4 =80	R5 =82	R6 =87	R7 =85	
R8 =64	R9 =11	R10=79	R11=79	R12=63	R13=85	R14=98	R15=76

### Photometric & Radiometric Quantities

Flux = 1224.5 lm Eff. : 142.04 lm/W Fe = 3.7461 W

Flux of emitted photons(umol/s):17.712 Fluo. and blue light ratio:4.834 Fluorescent eff.:332.3

### Electrical parameters

V = 230.0 V I = 0.04061 A P = 8.621 W PF = 0.9228

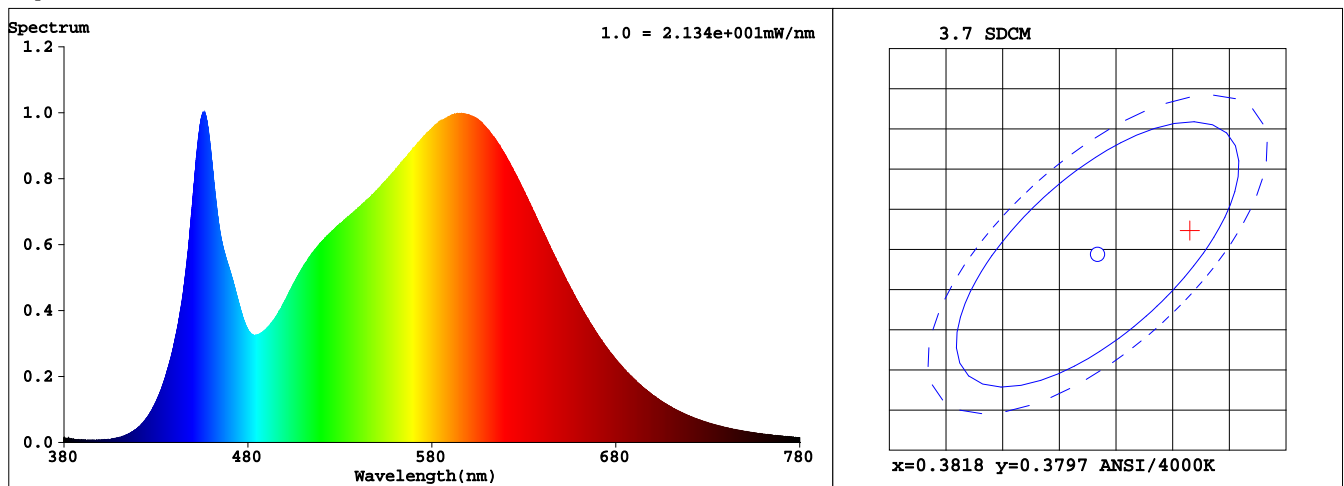
## Spectrum Test Report

Sample	:		Date	:	2020-08-24 17:51:51
Specification	:	_9aSA-RS1060ST-Q1D-05 8.5W	Sam. Status	:	
Sample No.	:	C2034818A003	Instrument	:	HaasSuite(EVERFINE)
Manufacturer	:		Test by	:	李春燕

### Test Condition

Temperature	:	25.8Deg	RH	:	50%
WL Range	:	380nm-780nm	IP	:	41402 (63%)
Test Mode	:	Fast Test	T	:	60 ms
			Delicacy	:	High

### Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

### Colorimetric Quantities

Chromaticity Coordinate:  $x = 0.3888$   $y = 0.3821$  /  $u' = 0.2285$   $v' = 0.5051$  ( $duv=1.33e-04$ )

CCT= 3821K Prcp WL:  $L_d=579.7nm$  Purity=31.4%

Peak WL:  $L_p=456nm$  FWHM:  $=25.4nm$  Ratio:R=19.0% G=77.2% B=3.8%

Render Index:  $R_a = 83.4$

R1 =82	R2 =92	R3 =96	R4 =80	R5 =82	R6 =88	R7 =85	
R8 =64	R9 =11	R10=79	R11=78	R12=64	R13=85	R14=98	R15=76

### Photometric & Radiometric Quantities

Flux = 1232.3 lm Eff. : 140.84 lm/W  $F_e = 3.7714 W$

Flux of emitted photons( $\mu mol/s$ ):17.839 Fluo. and blue light ratio:4.831 Fluorescent eff.:330.8

### Electrical parameters

$V = 230.0 V$   $I = 0.04108 A$   $P = 8.750 W$  PF = 0.9260