

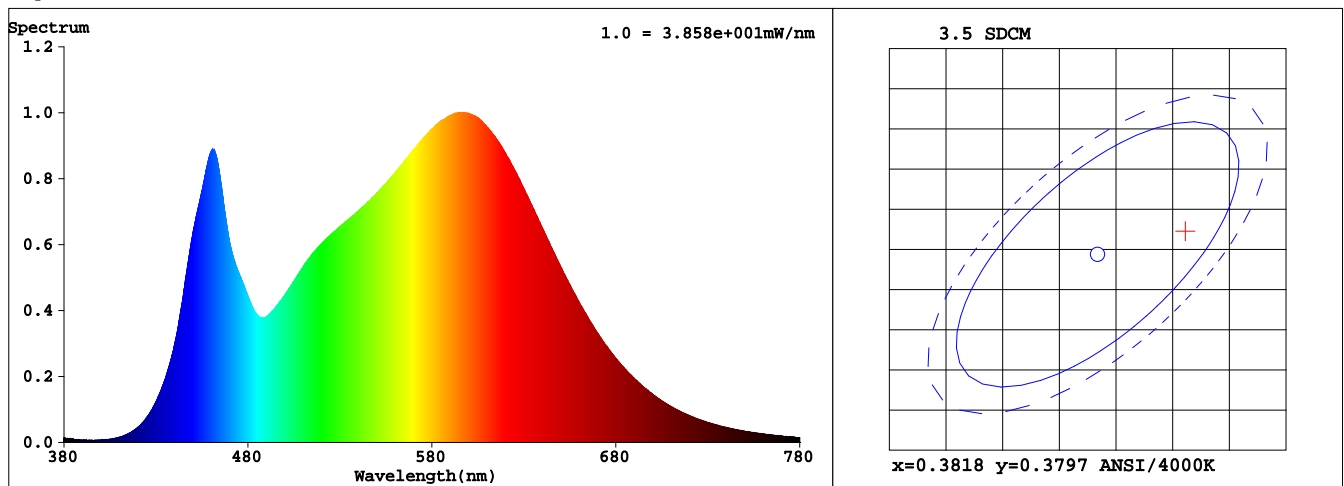
Spectrum Test Report

Sample	:	Date	: 2020-08-31 20:37:06
Specification	: 9aSA-RS2000ST-Q1D-04_S_15W_	Sam. Status	:
Sample No.	: C2036183A001	Instrument	: HaasSuite(EVERFINE)
Manufacturer	:	Test by	: 李春燕

Test Condition

Temperature	: 25.9Deg	RH	: 50%
WL Range	: 380nm-780nm	IP	: 49887 (76%)
Test Mode	: Fast Test	T	: 40 ms
		Delicacy	: High

Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Quantities

Chromaticity Coordinate: $x = 0.3885$ $y = 0.3820$ / $u' = 0.2283$ $v' = 0.5051$ ($duv=1.92e-04$)

CCT= 3829K Prcp WL: Ld=579.6nm Purity=31.2%

Peak WL: Lp=597nm FWHM: =146.5nm Ratio:R=19.1% G=76.7% B=4.1%

Render Index: Ra = 84.2

R1 =83	R2 =94	R3 =95	R4 =80	R5 =83	R6 =90	R7 =84	
R8 =64	R9 =14	R10=84	R11=78	R12=68	R13=87	R14=98	R15=77

Photometric & Radiometric Quantities

Flux = 2235.2 lm Eff. : 147.09 lm/W Fe = 6.8978 W

Flux of emitted photons(umol/s):32.621 Fluo. and blue light ratio:4.481 Fluorescent eff.:348.5

Electrical parameters

V = 229.9 V I = 0.07039 A P = 15.20 W PF = 0.9389

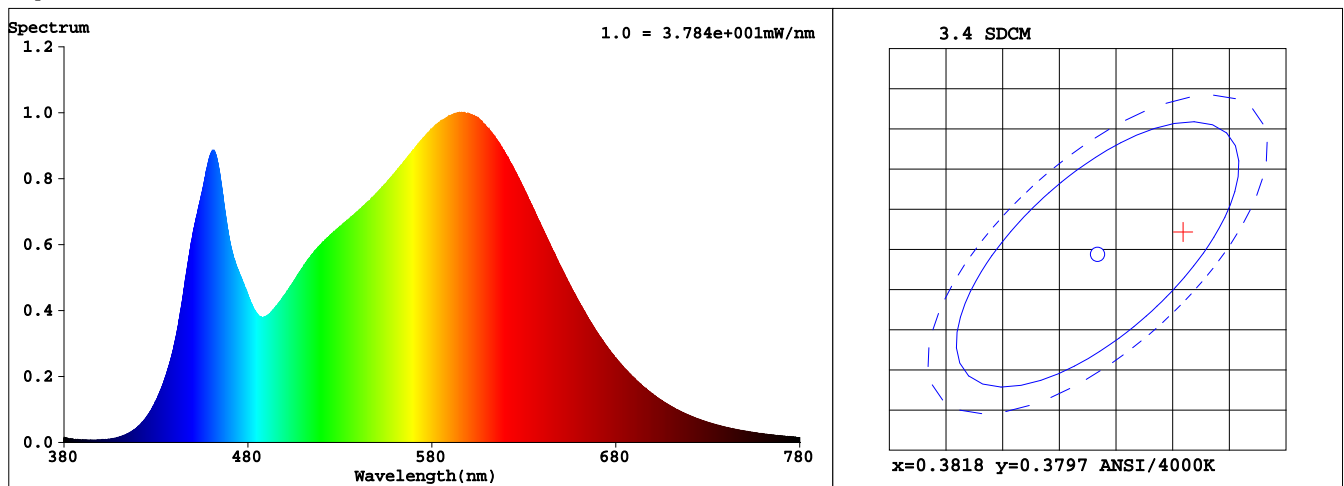
Spectrum Test Report

Sample	:	Date	: 2020-08-31 20:39:38
Specification	: 9aSA-RS2000ST-Q1D-04_S_15W_	Sam. Status	:
Sample No.	: C2036183A002	Instrument	: HaasSuite(EVERFINE)
Manufacturer	:	Test by	: 李春燕

Test Condition

Temperature	: 25.9Deg	RH	: 50%
WL Range	: 380nm-780nm	IP	: 48934 (75%)
Test Mode	: Fast Test	T	: 40 ms
		Delicacy	: High

Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Quantities

Chromaticity Coordinate: $x = 0.3883$ $y = 0.3819$ / $u' = 0.2282$ $v' = 0.5050$ ($duv=2.00e-04$)

CCT= 3833K Prcp WL: Ld=579.6nm Purity=31.2%

Peak WL: Lp=596nm FWHM: =146.6nm Ratio:R=19.1% G=76.7% B=4.1%

Render Index: Ra = 84.2

R1 =83	R2 =94	R3 =95	R4 =80	R5 =83	R6 =90	R7 =84	
R8 =64	R9 =14	R10=84	R11=78	R12=68	R13=86	R14=98	R15=77

Photometric & Radiometric Quantities

Flux = 2193.2 lm Eff. : 145.26 lm/W Fe = 6.7716 W

Flux of emitted photons(umol/s):32.022 Fluo. and blue light ratio:4.425 Fluorescent eff.:344.0

Electrical parameters

V = 229.9 V I = 0.06985 A P = 15.10 W PF = 0.9401

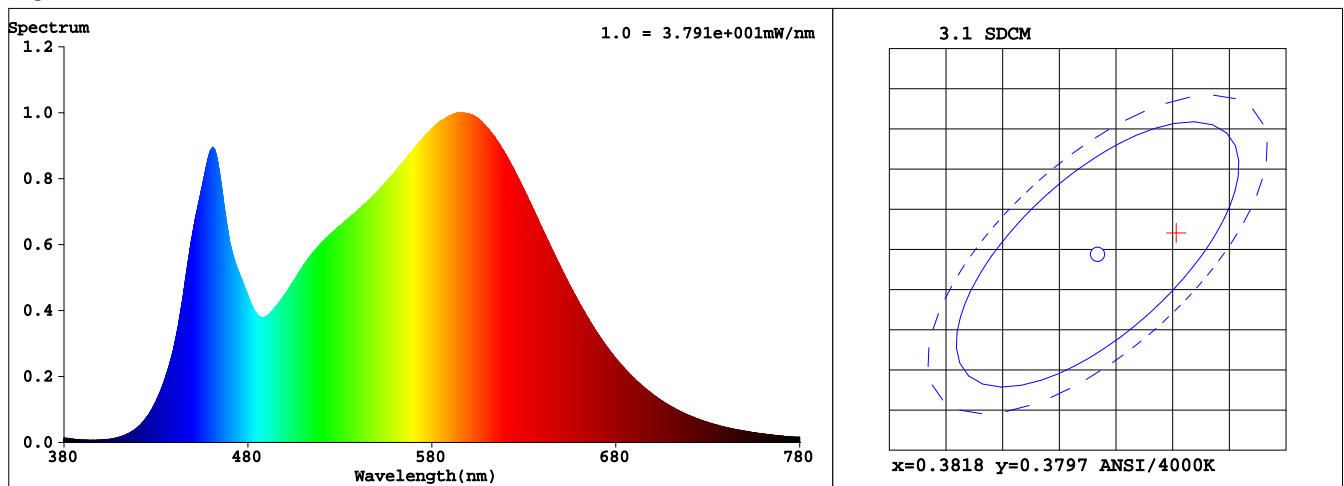
Spectrum Test Report

Sample	:	Date	: 2020-08-31 20:42:29
Specification	: 9aSA-RS2000ST-Q1D-04_S_15W_	Sam. Status	:
Sample No.	: C2036183A003	Instrument	: HaasSuite(EVERFINE)
Manufacturer	:	Test by	: 李春燕

Test Condition

Temperature	: 25.9Deg	RH	: 50%
WL Range	: 380nm-780nm	IP	: 49018 (75%)
Test Mode	: Fast Test	T	: 40 ms
		Delicacy	: High

Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Quantities

Chromaticity Coordinate: $x = 0.3878$ $y = 0.3818$ / $u' = 0.2279$ $v' = 0.5049$ ($duv=2.96e-04$)

CCT= 3845K Prcp WL: Ld=579.5nm Purity=31.0%

Peak WL: Lp=595nm FWHM: =146.6nm Ratio:R=19.0% G=76.8% B=4.1%

Render Index: Ra = 84.1

R1 =83	R2 =94	R3 =95	R4 =80	R5 =83	R6 =90	R7 =84	
R8 =64	R9 =14	R10=84	R11=78	R12=67	R13=86	R14=98	R15=77

Photometric & Radiometric Quantities

Flux = 2200.1 lm Eff. : 145.30 lm/W Fe = 6.7876 W

Flux of emitted photons(umol/s):32.089 Fluo. and blue light ratio:4.405 Fluorescent eff.:343.4

Electrical parameters

V = 229.9 V I = 0.07010 A P = 15.14 W PF = 0.9396