

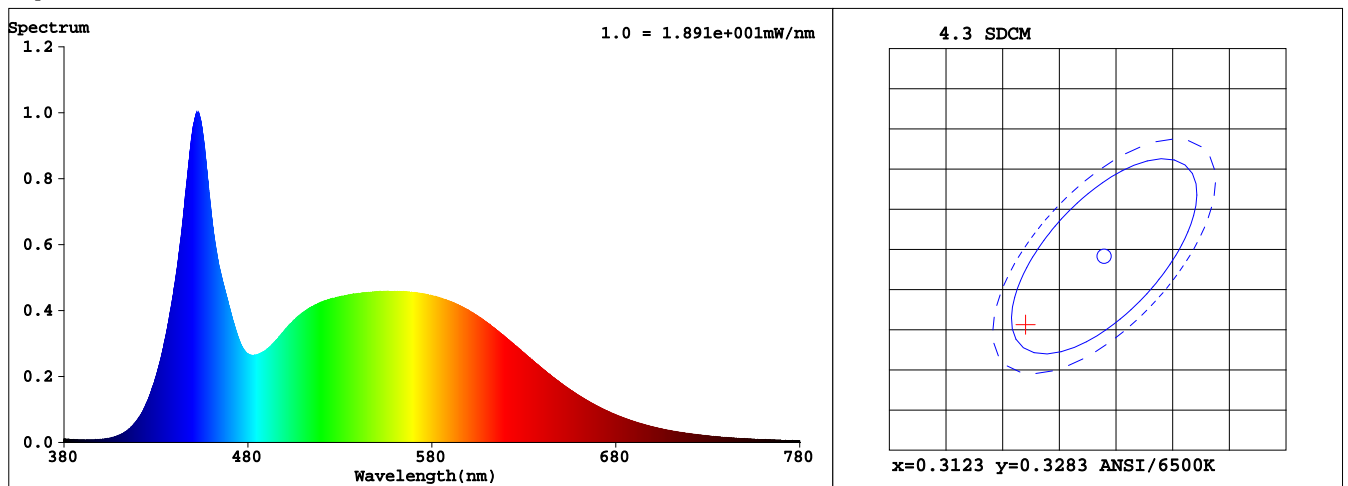
## Spectrum Test Report

Sample	:	Date	: 2020-08-11 13:48:27
Specification	: 8bSA-M550ST-Q1-01_S_6.5W	Sam. Status	:
Sample No.	: C2032253A001	Instrument	: HaasSuite(EVERFINE)
Manufacturer	: EVERFINE	Test by	: 陈庆玲
		Assessor	: damin

### Test Condition

Temperature	: 25.3Deg	RH	: 45%
WL Range	: 380nm-780nm	IP	: 48367 (74%)
Test Mode	: Fast Test	T	: 180 ms
		Delicacy	: High

### Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

### Colorimetric Parameters

Chromaticity Coordinate:  $x = 0.3063$   $y = 0.3215$  /  $u' = 0.1962$   $v' = 0.4633$  ( $duv=2.61e-03$ )

CCT= 6940K Prcp WL:  $L_d=485.9nm$  Purity=10.0%

Peak WL:  $L_p=453nm$  FWHM:  $=24.9nm$  Ratio:R=13.2% G=80.7% B=6.1%

Render Index:  $R_a = 84.6$

R1 =83 R2 =89 R3 =91 R4 =84 R5 =84 R6 =84 R7 =89

R8 =73 R9 =15 R10=73 R11=83 R12=61 R13=85 R14=96 R15=79

LEVEL:OUT WHITE:ANSI\_6500K

### Photometric & Radiometric Parameters

Flux = 592.36 lm Eff. : 91.19 lm/W  $F_e = 1.9706 W$

Flux of emitted photons( $\mu mol/s$ ):8.8299 Fluo. and blue light ratio:2.282 Fluorescent eff.:115.6

### Electrical parameters

$V = 229.9 V$   $I = 0.05160 A$   $P = 6.496 W$  PF = 0.5477

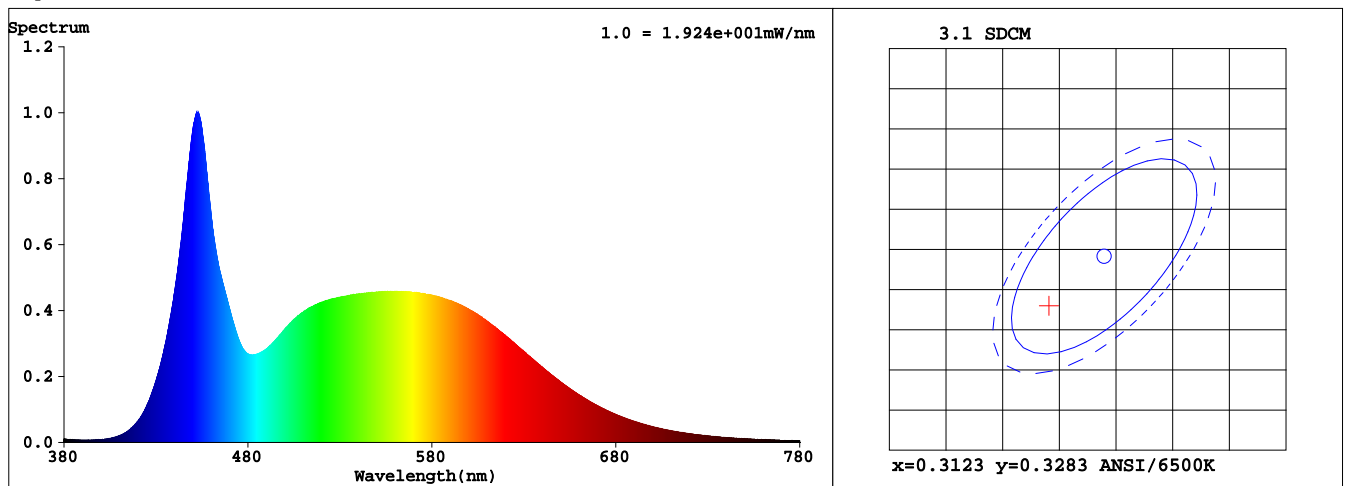
## Spectrum Test Report

Sample	:	Date	: 2020-08-11 13:51:02
Specification	: 8bSA-M550ST-Q1-01_S_6.5W	Sam. Status	:
Sample No.	: C2032253A002	Instrument	: HaasSuite(EVERFINE)
Manufacturer	: EVERFINE	Test by	: 陈庆玲
		Assessor	: damin

### Test Condition

Temperature	: 25.5Deg	RH	: 45%
WL Range	: 380nm-780nm	IP	: 49129 (75%)
Test Mode	: Fast Test	T	: 180 ms
		Delicacy	: High

### Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

### Colorimetric Parameters

Chromaticity Coordinate:  $x = 0.3081$   $y = 0.3234$  /  $u' = 0.1967$   $v' = 0.4646$  ( $duv=2.66e-03$ )

CCT= 6816K Prcp WL: Ld=486.5nm Purity=9.3%

Peak WL: Lp=452nm FWHM: =24.4nm Ratio:R=13.4% G=80.6% B=6.1%

Render Index: Ra = 84.9

R1 =83 R2 =89 R3 =92 R4 =84 R5 =84 R6 =84 R7 =89

R8 =73 R9 =16 R10=74 R11=84 R12=62 R13=85 R14=96 R15=79

LEVEL:OUT WHITE:ANSI\_6500K

### Photometric & Radiometric Parameters

Flux = 603.91 lm Eff. : 93.91 lm/W Fe = 2.0026 W

Flux of emitted photons(umol/s):8.9869 Fluo. and blue light ratio:2.342 Fluorescent eff.:119.5

### Electrical parameters

V = 230.0 V I = 0.05109 A P = 6.431 W PF = 0.5474

## Spectrum Test Report

Sample :  
 Specification : 8bSA-M550ST-Q1-01\_S\_6.5W  
 Sample No. : C2032253A003  
 Manufacturer : EVERFINE

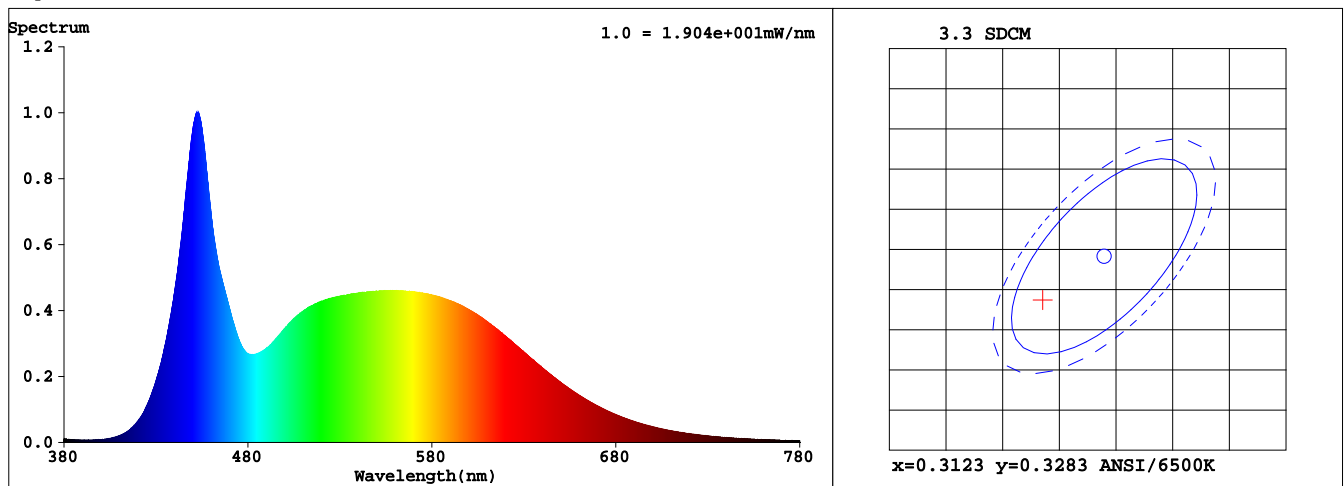
Date : 2020-08-11 13:52:55  
 Sam. Status :  
 Instrument : HaasSuite(EVERFINE)  
 Test by : 陈庆玲  
 Assessor : damin

### Test Condition

Temperature : 25.4Deg  
 WL Range : 380nm-780nm  
 Test Mode : Fast Test

RH : 45%  
 IP : 48686 (74%)  
 T : 180 ms  
 Delicacy : High

### Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

### Colorimetric Parameters

Chromaticity Coordinate:  $x = 0.3076$   $y = 0.3240$  /  $u' = 0.1962$   $v' = 0.4648$  ( $duv=3.20e-03$ )

CCT= 6837K Prcp WL:  $L_d=486.9nm$  Purity=9.4%

Peak WL:  $L_p=452nm$  FWHM:  $=24.4nm$  Ratio:R=13.3% G=80.7% B=6.1%

Render Index:  $R_a = 84.6$

R1 =83 R2 =89 R3 =92 R4 =84 R5 =84 R6 =84 R7 =89

R8 =72 R9 =14 R10=73 R11=83 R12=61 R13=85 R14=96 R15=79

LEVEL:OUT WHITE:ANSI\_6500K

### Photometric & Radiometric Parameters

Flux = 599.87 lm Eff. : 93.01 lm/W  $F_e = 1.9852 W$

Flux of emitted photons( $\mu mol/s$ ):8.9062 Fluo. and blue light ratio:2.368 Fluorescent eff.:118.6

### Electrical parameters

V = 230.0 V I = 0.05118 A P = 6.449 W PF = 0.5480