



# Spectrum Test Report UP-01-12V-YYY

## NATIONAL SPECIALTY LIGHTING

Sample : LT9101-1-3000K  
Specification : LT9101-1-3000K  
Sample No. : 3W  
Manufacturer :

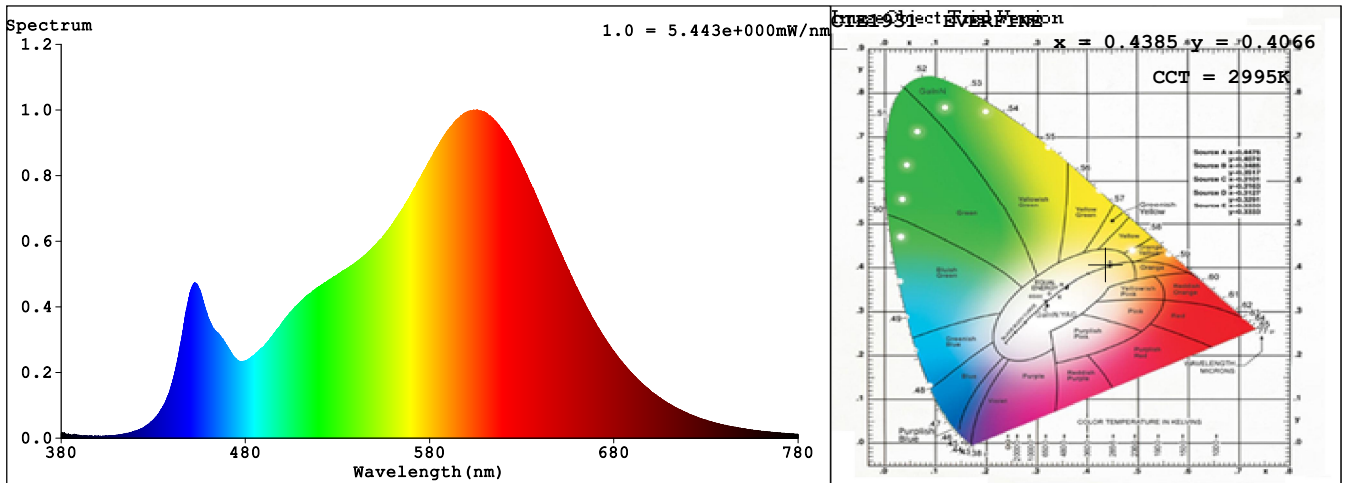
Date : 2023-11-23 09:20:43  
Sam. Status :  
Instrument : HaasSuite(EVERFINE)  
Test by : simei  
Assessor : damin

### Test Condition

Temperature : 25.3Deg  
WL Range : 380nm-780nm  
Test Mode : Fast Test

RH : 65.0%  
IP : 51369 (78%)  
T : 678 ms  
Sensitivity : High

### Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

### Colorimetric Parameters

Chromaticity Coordinate:  $x = 0.4385$   $y = 0.4066$  /  $u' = 0.2505$   $v' = 0.5226$  ( $duv=8.03e-04$ )

CCT= 2995K Prcp WL:  $L_d=582.6nm$  Purity=53.7%

Peak WL:  $L_p=606nm$  FWHM: =125.4nm Ratio:R=23.3% G=73.9% B=2.9%

Render Index:  $R_a = 84.3$

R1 =83 R2 =94 R3 =95 R4 =83 R5 =84 R6 =93 R7 =83  
R8 =60 R9 =11 R10=86 R11=83 R12=77 R13=86 R14=98 R15=75

LEVEL:OUT WHITE:ANSI\_3000K

### Photometric & Radiometric Parameters

Flux = 262.65 lm Eff. : 91.04 lm/W Fe = 798.93 mW

### Electrical parameters

V = 12.02 V I = 0.3748 A P = 2.885 W PF = 0.6406

**EVERFINE CORPORATION**

<http://www.everfine.cn>

# Spectrum Test Report

Sample : LT9101-1-3000K  
 Specification : LT9101-1-3000K  
 Sample No. : 6W  
 Manufacturer :

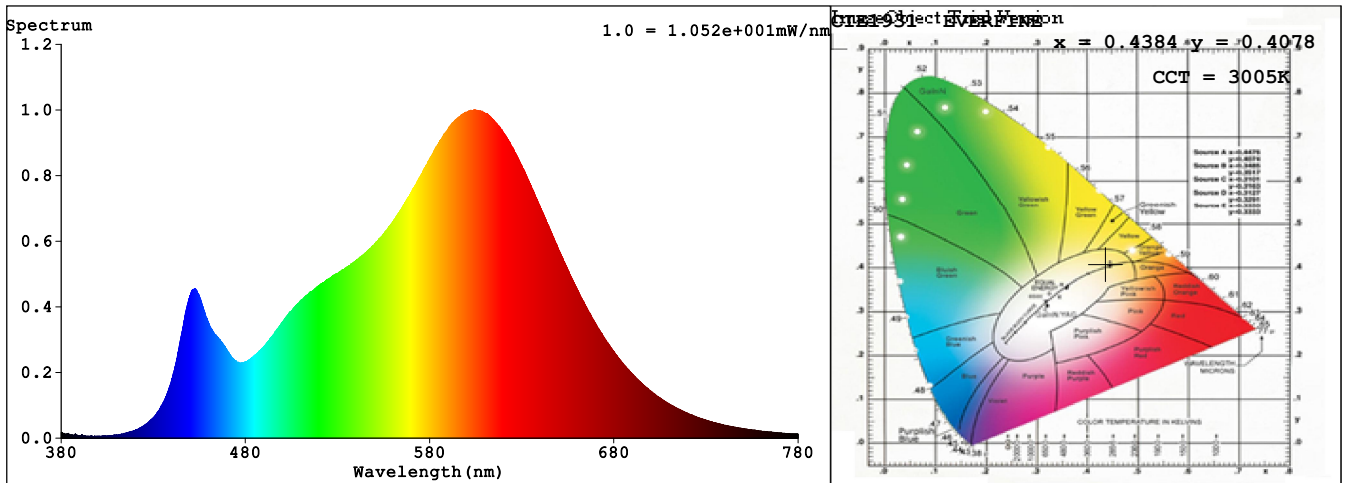
Date : 2023-11-23 09:21:18  
 Sam. Status :  
 Instrument : HaasSuite(EVERFINE)  
 Test by : simei  
 Assessor : damin

## Test Condition

Temperature : 25.3Deg  
 WL Range : 380nm-780nm  
 Test Mode : Fast Test

RH : 65.0%  
 IP : 49679 (76%)  
 T : 339 ms  
 Sensitivity : High

## Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

## Colorimetric Parameters

Chromaticity Coordinate:  $x = 0.4384$   $y = 0.4078$  /  $u' = 0.2499$   $v' = 0.5231$  ( $duv=1.27e-03$ )

CCT= 3005K Prcp WL:  $L_d=582.4nm$  Purity=54.0%

Peak WL:  $L_p=604nm$  FWHM: =126.8nm Ratio:R=23.1% G=74.1% B=2.8%

Render Index:  $R_a = 84.0$

R1 =83 R2 =93 R3 =95 R4 =82 R5 =84 R6 =93 R7 =83  
 R8 =60 R9 =10 R10=84 R11=83 R12=76 R13=86 R14=98 R15=75  
 LEVEL:OUT WHITE:ANSI\_3000K

## Photometric & Radiometric Parameters

Flux = 510.31 lm Eff. : 83.98 lm/W  $F_e = 1.5471 W$

## Electrical parameters

V = 11.97 V I = 0.7029 A P = 6.076 W PF = 0.7223

# Spectrum Test Report

Sample : LT9101-1-3000K  
 Specification : LT9101-1-3000K  
 Sample No. : 9W  
 Manufacturer :

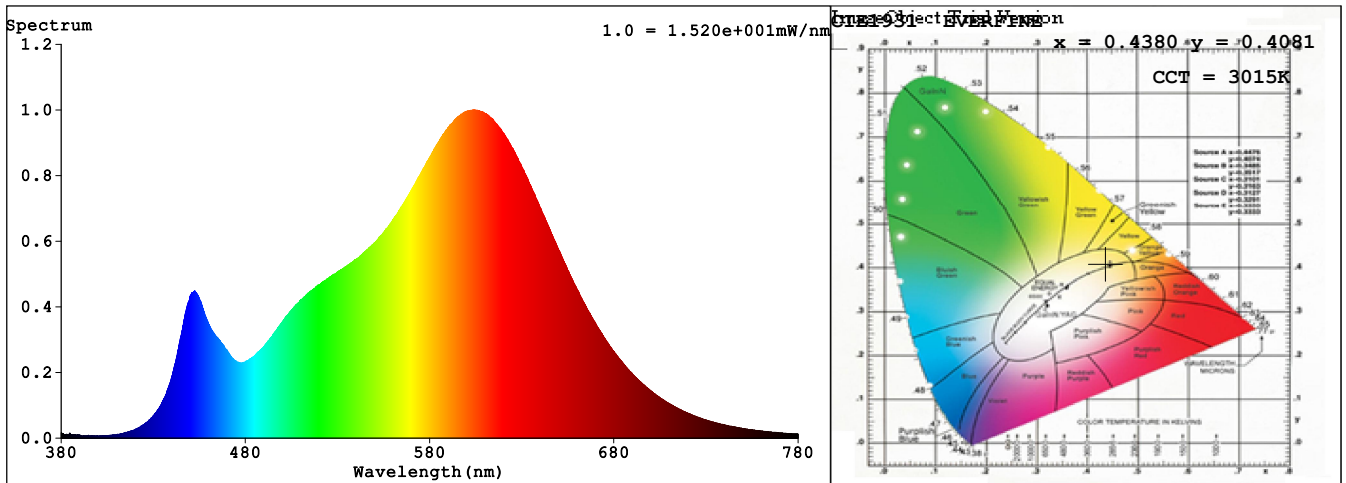
Date : 2023-11-23 09:21:51  
 Sam. Status :  
 Instrument : HaasSuite(EVERFINE)  
 Test by : simei  
 Assessor : damin

## Test Condition

Temperature : 25.3Deg  
 WL Range : 380nm-780nm  
 Test Mode : Fast Test

RH : 65.0%  
 IP : 52702 (80%)  
 T : 249 ms  
 Sensitivity : High

## Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

## Colorimetric Parameters

Chromaticity Coordinate:  $x = 0.4380$   $y = 0.4081$  /  $u' = 0.2495$   $v' = 0.5231$  ( $duv=1.45e-03$ )

CCT= 3015K Prcp WL:  $L_d=582.3nm$  Purity=54.0%

Peak WL:  $L_p=604nm$  FWHM:  $=127.6nm$  Ratio:R=23.0% G=74.2% B=2.8%

Render Index:  $R_a = 83.8$

R1 =83 R2 =93 R3 =95 R4 =82 R5 =83 R6 =92 R7 =83  
 R8 =60 R9 =9 R10=84 R11=82 R12=76 R13=85 R14=98 R15=74

LEVEL:OUT WHITE:ANSI\_3000K

## Photometric & Radiometric Parameters

Flux = 740.03 lm Eff. : 77.54 lm/W  $F_e = 2.2412 W$

## Electrical parameters

V = 11.92 V I = 1.061 A P = 9.544 W PF = 0.7548

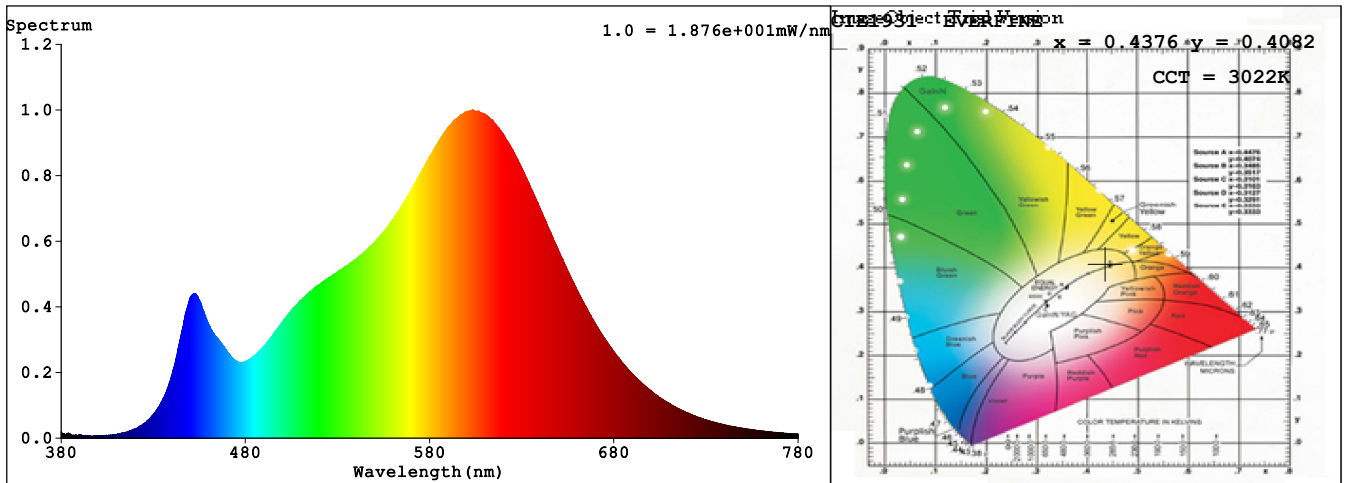
# Spectrum Test Report

Sample :	Date :	2023-11-23 09:22:21
Specification : LT9101-1-3000K	Sam. Status :	
Sample No. : 12W	Instrument :	HaasSuite(EVERFINE)
Manufacturer :	Test by :	simei
	Assessor :	damin

## Test Condition

Temperature : 25.3Deg	RH : 65.0%
WL Range : 380nm-780nm	IP : 52786 (81%)
Test Mode : Fast Test	T : 202 ms
	Sensitivity : High

## Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

## Colorimetric Parameters

Chromaticity Coordinate:  $x = 0.4376$   $y = 0.4082$  /  $u' = 0.2492$   $v' = 0.5231$  ( $duv=1.55e-03$ )

CCT= 3022K Prcp WL:  $L_d=582.2nm$  Purity=53.9%

Peak WL:  $L_p=604nm$  FWHM: =127.8nm Ratio:R=22.9% G=74.3% B=2.8%

Render Index:  $R_a = 83.7$

R1 =82 R2 =93 R3 =95 R4 =82 R5 =83 R6 =92 R7 =83  
 R8 =59 R9 =8 R10=83 R11=82 R12=76 R13=85 R14=98 R15=74

LEVEL:OUT WHITE:ANSI\_3000K

## Photometric & Radiometric Parameters

Flux = 913.41 lm Eff. : 72.38 lm/W  $F_e = 2.7648 W$

## Electrical parameters

V = 11.88 V I = 1.383 A P = 12.62 W PF = 0.7686