

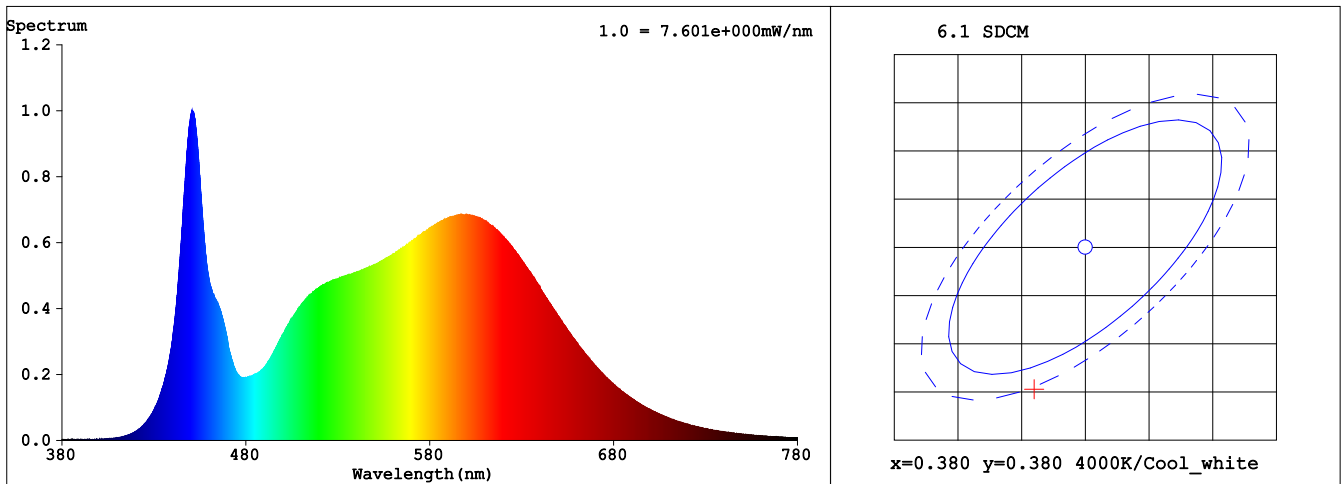
## Spectrum Test Report

Sample	:	Date	: 2024-03-04 10:26:07
Specification	: LL286-24X140MM-2835	Standardtus	:
Sample No.	: 12S1PX2-21217	Instrument	: HaasSuite(EVERFINE)
Manufacturer	:	Test by	: DAMIN
Assessor	: damin		
Remark	:		

### Test Condition

Temperature	: 25.3Deg	RH	: 65.0%
WL Range	: 380nm-780nm	IP	: 48487 (74%)
Test Mode	: Accuracy Test	T	: 3411 ms
Sensitivity	: Low		

### Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

### Colorimetric Parameters

Chromaticity Coordinate:  $x = 0.3760$   $y = 0.3653$  /  $u' = 0.2268$   $v' = 0.4957$  ( $duv = -4.17e-03$ )  $Du, Dv: 0.0024, -0.0034$

CCT= 4038K Prcp WL:  $Ld=581.7nm$  Purity=22.4%

Peak WL:  $Lp=451nm$  FWHM: =16.2nm Ratio:R=19.0% G=77.2% B=3.7%

Render Index:  $Ra = 86.3$

R1 =86 R2 =92 R3 =95 R4 =86 R5 =86 R6 =88 R7 =87

R8 =71 R9 =26 R10=80 R11=86 R12=65 R13=88 R14=97 R15=82

### Photometric & Radiometric Parameters

Flux = 298.72 lm Eff. : 189.09 lm/W  $Fe = 934.68$  mW

### Electrical parameters

$V = 31.53$  V  $I = 0.05010$  A  $P = 1.580$  W PF = 1.000 F=0.00 Hz

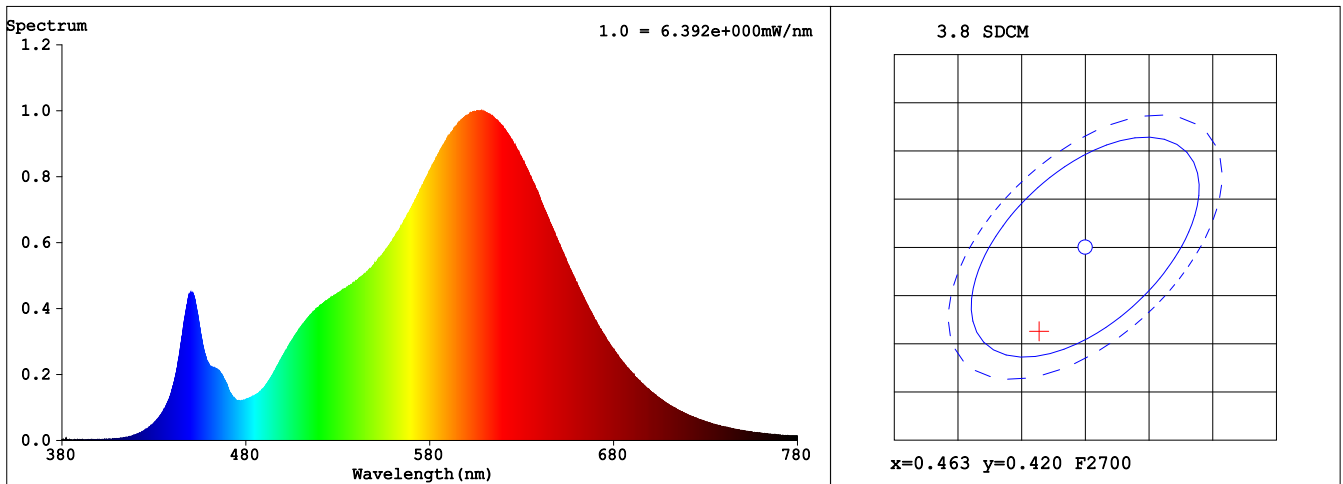
## Spectrum Test Report

Sample	:	Date	:	2024-03-04 10:30:54
Specification	:	Standard	:	Standard
Sample No.	:	Instrument	:	HaasSuite(EVERFINE)
Manufacturer	:	Test by	:	DAMIN
Assessor	:			
Remark	:			

### Test Condition

Temperature	:	25.3Deg	RH	:	65.0%
WL Range	:	380nm-780nm	IP	:	49370 (75%)
Test Mode	:	Accuracy Test	T	:	2789 ms
Sensitivity	:	Low			

### Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

### Colorimetric Parameters

Chromaticity Coordinate:  $x = 0.4594$   $y = 0.4113$  /  $u' = 0.2619$   $v' = 0.5275$  ( $duv=2.87e-04$ )  $Du, Dv: -0.0001, 0.0003$

CCT= 2712K Prcp WL:  $L_d=584.0nm$  Purity=61.3%

Peak WL:  $L_p=608nm$  FWHM: =114.4nm Ratio:R=25.0% G=73.0% B=2.0%

Render Index:  $R_a = 82.1$

R1 =81 R2 =91 R3 =97 R4 =81 R5 =81 R6 =89 R7 =82

R8 =57 R9 =5 R10=79 R11=81 R12=72 R13=83 R14=99 R15=72

### Photometric & Radiometric Parameters

Flux = 290.43 lm Eff. : 180.46 lm/W  $F_e = 882.26$  mW

### Electrical parameters

V = 32.12 V I = 0.05010 A P = 1.609 W PF = 1.000 F=0.00 Hz

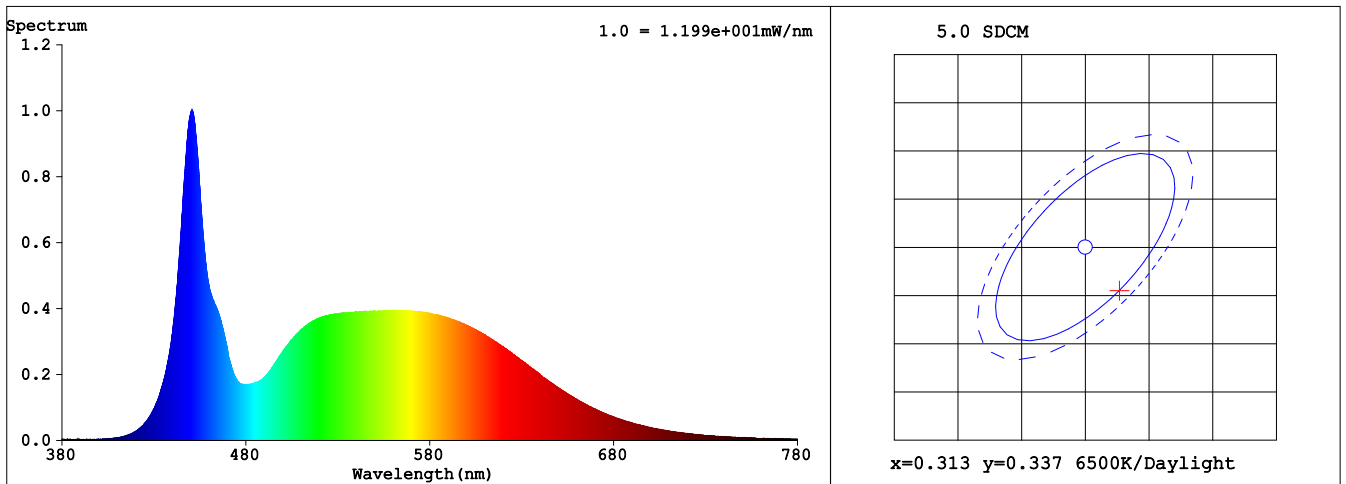
## Spectrum Test Report

Sample	:	Date	:	2024-03-04 10:32:23
Specification	:	Standard	:	Standard
Sample No.	:	Instrument	:	HaasSuite(EVERFINE)
Manufacturer	:	Test by	:	DAMIN
Assessor	:			
Remark	:			

### Test Condition

Temperature	:	25.3Deg	RH	:	65.0%
WL Range	:	380nm-780nm	IP	:	47302 (72%)
Test Mode	:	Accuracy Test	T	:	3191 ms
Sensitivity	:	Low			

### Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

### Colorimetric Parameters

Chromaticity Coordinate:  $x = 0.3157$   $y = 0.3325$  /  $u' = 0.1986$   $v' = 0.4706$  ( $duv=3.50e-03$ )  $Du, Dv: -0.0028, 0.0021$

CCT= 6324K Prcp WL:  $L_d=491.1nm$  Purity=6.0%

Peak WL:  $L_p=451nm$  FWHM: =16.1nm Ratio:R=13.6% G=81.2% B=5.2%

Render Index:  $R_a = 82.8$

R1 =81 R2 =87 R3 =89 R4 =83 R5 =82 R6 =81 R7 =88

R8 =71 R9 =9 R10=67 R11=83 R12=55 R13=83 R14=94 R15=77

### Photometric & Radiometric Parameters

Flux = 308.36 lm Eff. : 192.10 lm/W  $F_e = 986.90$  mW

### Electrical parameters

V = 32.10 V I = 0.05000 A P = 1.605 W PF = 1.000 F=0.00 Hz