

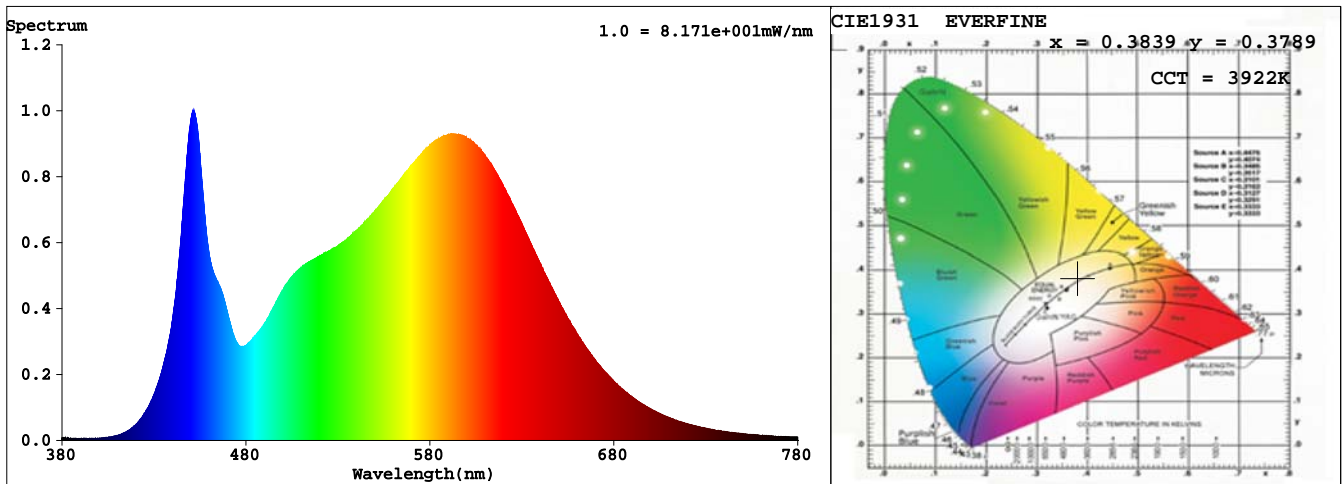
## Spectrum Test Report

Sample	:	Date	: 2023-05-14 11:16:52
Specification	: MK286-W20-72H-AL20731	Standardtus	:
Sample No.	: 560*20mm	Instrument	: HaasSuite(EVERFINE)
Manufacturer	: EVERFINE	Test by	: DAMIN
Assessor	: damin		
Remark	:		

### Test Condition

Temperature	: 25.3Deg	RH	: 65.0%
WL Range	: 380nm-780nm	IP	: 52645 (80%)
Test Mode	: Fast Test	T	: 268 ms
Sensitivity	: Low		

### Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

### Colorimetric Parameters

Chromaticity Coordinate:  $x = 0.3839$   $y = 0.3789$  /  $u' = 0.2266$   $v' = 0.5030$  ( $duv = -2.46e-05$ )  $Du, Dv: 0.0000, -0.0000$

CCT= 3922K Prcp WL:  $Ld=579.4nm$  Purity=28.9%

Peak WL:  $Lp=451nm$  FWHM:  $=20.1nm$  Ratio: R=18.3% G=77.8% B=3.8%

Render Index:  $Ra = 81.7$

R1 =80 R2 =90 R3 =96 R4 =79 R5 =80 R6 =86 R7 =83

R8 =59 R9 =0 R10=77 R11=78 R12=65 R13=82 R14=98 R15=72

### Photometric & Radiometric Parameters

Flux = 4199.5 lm Eff. : 200.98 lm/W Fe = 12.564 W

### Electrical parameters

V = 65.28 V I = 0.3201 A P = 20.90 W PF = 1.000 F=0.00 Hz

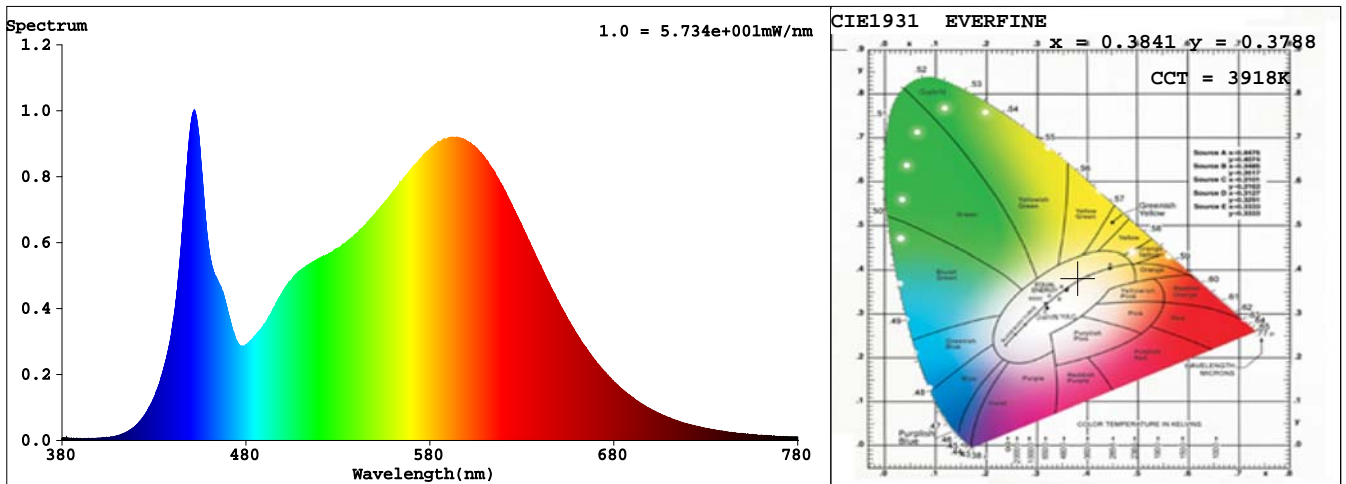
## Spectrum Test Report

Sample	:	Date	:	2023-05-14 11:17:31
Specification	:	Standardtus	:	
Sample No.	:	Instrument	:	HaasSuite(EVERFINE)
Manufacturer	:	Test by	:	DAMIN
Assessor	:			
Remark	:			

### Test Condition

Temperature	:	25.3Deg	RH	:	65.0%
WL Range	:	380nm-780nm	IP	:	52609 (80%)
Test Mode	:	Fast Test	T	:	386 ms
Sensitivity	:	Low			

### Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

### Colorimetric Parameters

Chromaticity Coordinate:  $x = 0.3841$   $y = 0.3788$  /  $u' = 0.2267$   $v' = 0.5030$  ( $duv = -8.71e-05$ )  $Du, Dv: 0.0000, -0.0001$

CCT= 3918K Prcp WL:  $L_d = 579.4\text{nm}$  Purity=28.9%

Peak WL:  $L_p = 452\text{nm}$  FWHM:  $= 19.8\text{nm}$  Ratio: R=18.4% G=77.8% B=3.9%

Render Index:  $R_a = 81.8$

R1 =80 R2 =90 R3 =95 R4 =79 R5 =81 R6 =87 R7 =83

R8 =59 R9 =0 R10=78 R11=78 R12=65 R13=83 R14=98 R15=73

### Photometric & Radiometric Parameters

Flux = 2910.5 lm Eff. : 206.65 lm/W  $F_e = 8.7121\text{ W}$

### Electrical parameters

V = 64.02 V I = 0.2200 A P = 14.08 W PF = 1.000 F=0.00 Hz

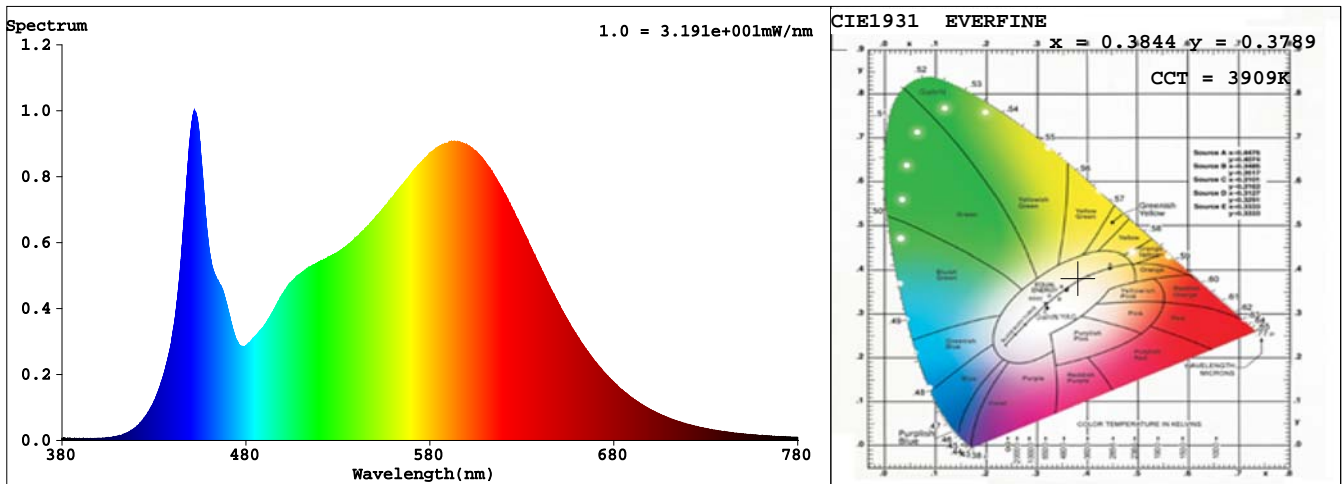
## Spectrum Test Report

Sample	:		Date	:	2023-05-14 11:17:53
Specification	:	MK286-W20-72H-AL20731	Standardtus	:	
Sample No.	:	3	Instrument	:	HaasSuite(EVERFINE)
Manufacturer	:	EVERFINE	Test by	:	DAMIN
Assessor	:	damin			
Remark	:				

### Test Condition

Temperature	:	25.3Deg	RH	:	65.0%
WL Range	:	380nm-780nm	IP	:	52410 (80%)
Test Mode	:	Fast Test	T	:	700 ms
Sensitivity	:	Low			

### Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

### Colorimetric Parameters

Chromaticity Coordinate:  $x = 0.3844$   $y = 0.3789$  /  $u' = 0.2269$   $v' = 0.5031$  ( $duv = -1.37e-04$ )  $Du, Dv: 0.0001, -0.0001$

CCT= 3909K Prcp WL:  $L_d = 579.5nm$  Purity=29.1%

Peak WL:  $L_p = 452nm$  FWHM: =19.2nm Ratio: R=18.4% G=77.7% B=3.9%

Render Index:  $R_a = 81.9$

R1 =80 R2 =91 R3 =95 R4 =79 R5 =81 R6 =87 R7 =83

R8 =59 R9 =0 R10=79 R11=78 R12=65 R13=83 R14=98 R15=73

### Photometric & Radiometric Parameters

Flux = 1595.0 lm Eff. : 212.43 lm/W  $F_e = 4.7752 W$

### Electrical parameters

V = 62.62 V I = 0.1199 A P = 7.508 W PF = 1.000 F=0.00 Hz