

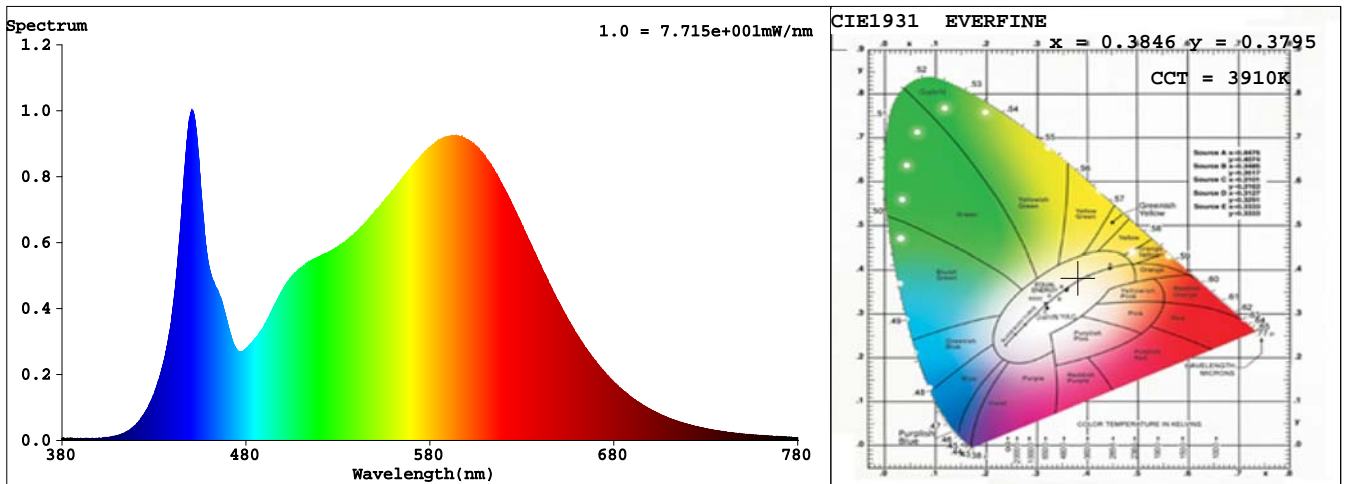
## Spectrum Test Report

Sample	:	Date	: 2023-05-14 10:52:21
Specification	:	Standardtus	:
Sample No.	:	Instrument	: HaasSuite(EVERFINE)
Manufacturer	:	Test by	: DAMIN
Assessor	: damin		
Remark	:		

### Test Condition

Temperature	: 25.3Deg	RH	: 65.0%
WL Range	: 380nm-780nm	IP	: 47067 (72%)
Test Mode	: Fast Test	T	: 255 ms
Sensitivity	: Low		

### Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

### Colorimetric Parameters

Chromaticity Coordinate:  $x = 0.3846$   $y = 0.3795$  /  $u' = 0.2267$   $v' = 0.5034$  ( $duv=9.79e-05$ )  $Du, Dv: -0.0001, 0.0001$

CCT= 3910K Prcp WL:  $Ld=579.4nm$  Purity=29.3%

Peak WL:  $Lp=451nm$  FWHM:  $=18.9nm$  Ratio: R=18.4% G=77.9% B=3.8%

Render Index:  $Ra = 81.6$

R1 =79	R2 =90	R3 =96	R4 =80	R5 =80	R6 =86	R7 =83	
R8 =59	R9 =0	R10=76	R11=79	R12=65	R13=82	R14=98	R15=72

### Photometric & Radiometric Parameters

Flux = 3942.1 lm Eff. : 195.64 lm/W Fe = 11.761 W

### Electrical parameters

V = 44.77 V I = 0.4501 A P = 20.15 W PF = 1.000 F=0.00 Hz

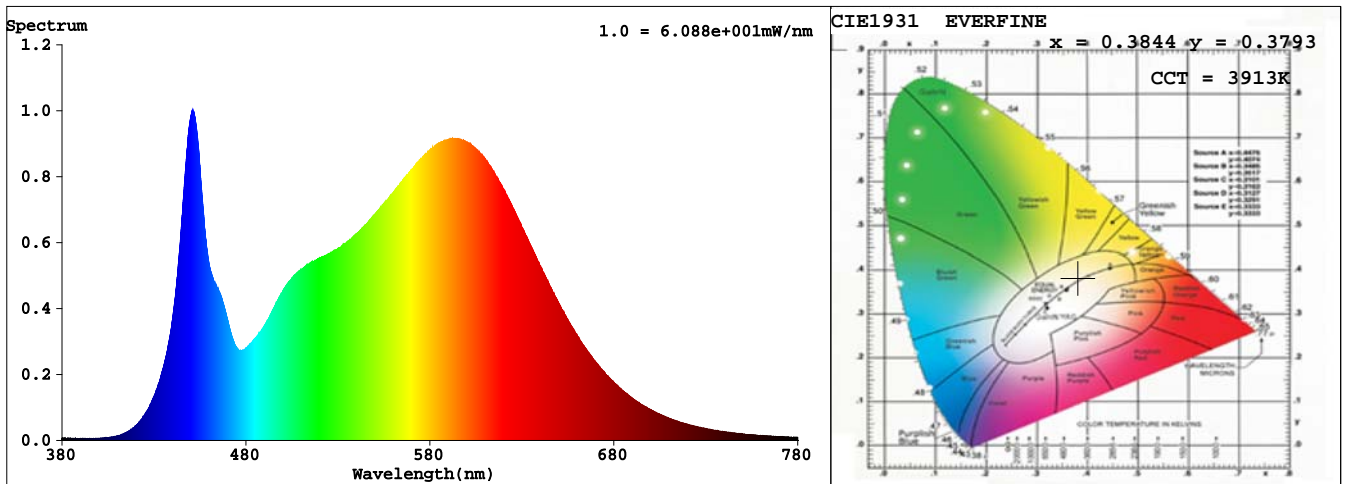
## Spectrum Test Report

Sample	:		Date	:	2023-05-14 10:52:39
Specification	:	MK286-W20-48H-AL20732	Standardtus	:	
Sample No.	:		Instrument	:	HaasSuite(EVERFINE)
Manufacturer	:	EVERFINE	Test by	:	DAMIN
Assessor	:	damin			
Remark	:				

### Test Condition

Temperature	:	25.3Deg	RH	:	65.0%
WL Range	:	380nm-780nm	IP	:	52514 (80%)
Test Mode	:	Fast Test	T	:	364 ms
Sensitivity	:	Low			

### Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

### Colorimetric Parameters

Chromaticity Coordinate:  $x = 0.3844$   $y = 0.3793$  /  $u' = 0.2267$   $v' = 0.5033$  ( $duv=5.05e-05$ )  $Du, Dv: -0.0000, 0.0000$   
 CCT= 3913K Prcp WL:  $Ld=579.4nm$  Purity=29.2%  
 Peak WL:  $Lp=451nm$  FWHM: =18.8nm Ratio:R=18.4% G=77.8% B=3.8%

Render Index:  $Ra = 81.8$

R1 =80 R2 =90 R3 =96 R4 =80 R5 =80 R6 =86 R7 =83  
 R8 =59 R9 =0 R10=77 R11=79 R12=65 R13=82 R14=98 R15=72

### Photometric & Radiometric Parameters

Flux = 3083.0 lm Eff. : 200.48 lm/W  $Fe = 9.2081 W$

### Electrical parameters

$V = 43.95 V$   $I = 0.3499 A$   $P = 15.38 W$  PF = 1.000 F=0.00 Hz

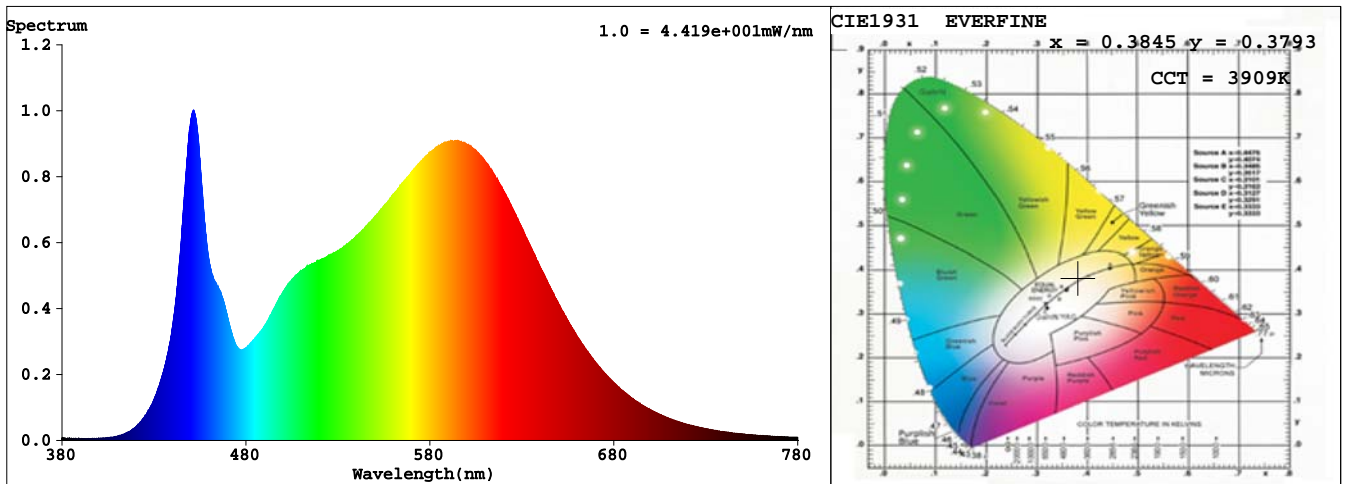
## Spectrum Test Report

Sample	:		Date	:	2023-05-14 10:52:55
Specification	:	MK286-W20-48H-AL20732	Standardtus	:	
Sample No.	:		Instrument	:	HaasSuite(EVERFINE)
Manufacturer	:	EVERFINE	Test by	:	DAMIN
Assessor	:	damin			
Remark	:				

### Test Condition

Temperature	:	25.3Deg	RH	:	65.0%
WL Range	:	380nm-780nm	IP	:	52704 (80%)
Test Mode	:	Fast Test	T	:	507 ms
Sensitivity	:	Low			

### Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

### Colorimetric Parameters

Chromaticity Coordinate:  $x = 0.3845$   $y = 0.3793$  /  $u' = 0.2268$   $v' = 0.5033$  ( $duv = -4.77e-06$ )  $Du, Dv: 0.0000, -0.0000$

CCT= 3909K Prcp WL:  $L_d = 579.4nm$  Purity=29.2%

Peak WL:  $L_p = 452nm$  FWHM:  $= 18.7nm$  Ratio: R=18.4% G=77.8% B=3.8%

Render Index:  $R_a = 81.9$

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

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

### Photometric & Radiometric Parameters

Flux = 2218.6 lm Eff. : 205.96 lm/W  $F_e = 6.6301 W$

### Electrical parameters

V = 43.11 V I = 0.2499 A P = 10.77 W PF = 1.000 F=0.00 Hz