

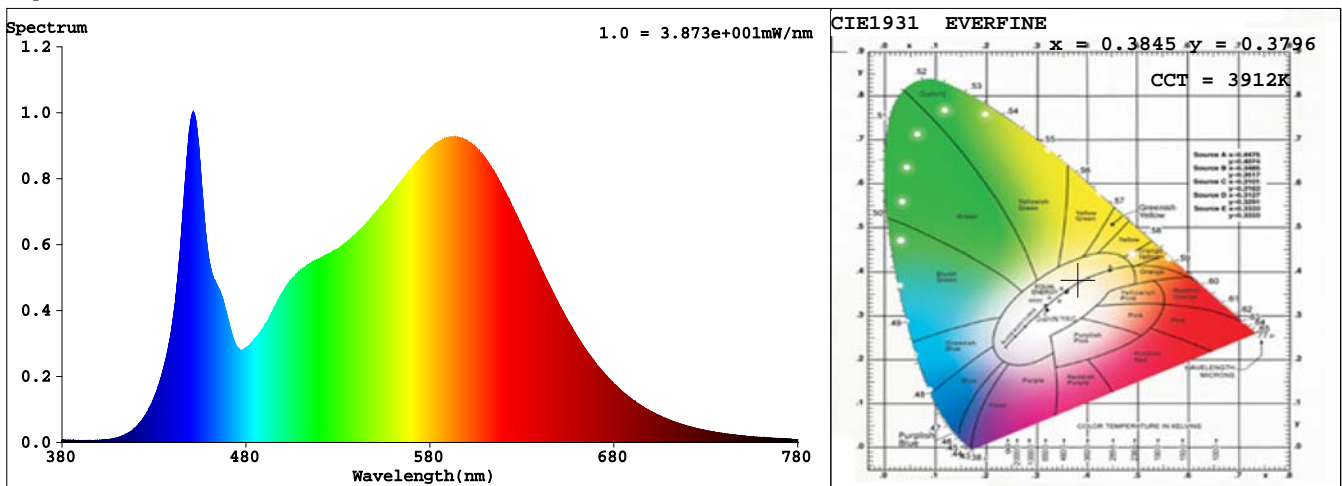
## Spectrum Test Report

Sample	:	Date	: 2023-05-14 11:30:11
Specification	: MK286-W20-32H-AL20730	Standardtus	:
Sample No.	: 280*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	: 46424 (71%)
Test Mode	: Fast Test	T	: 500 ms
Sensitivity	: Low		

### Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

### Colorimetric Parameters

Chromaticity Coordinate:  $x = 0.3845$   $y = 0.3796$  /  $u' = 0.2267$   $v' = 0.5034$  ( $duv=1.62e-04$ )  $Du, Dv: -0.0001, 0.0001$

CCT= 3912K Prcp WL:  $Ld=579.3nm$  Purity=29.3%

Peak WL:  $Lp=451nm$  FWHM: =19.5nm Ratio:R=18.4% 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 = 1982.5 lm Eff. : 198.97 lm/W Fe = 5.9180 W

### Electrical parameters

V = 22.14 V I = 0.4501 A P = 9.964 W PF = 1.000 F=0.00 Hz

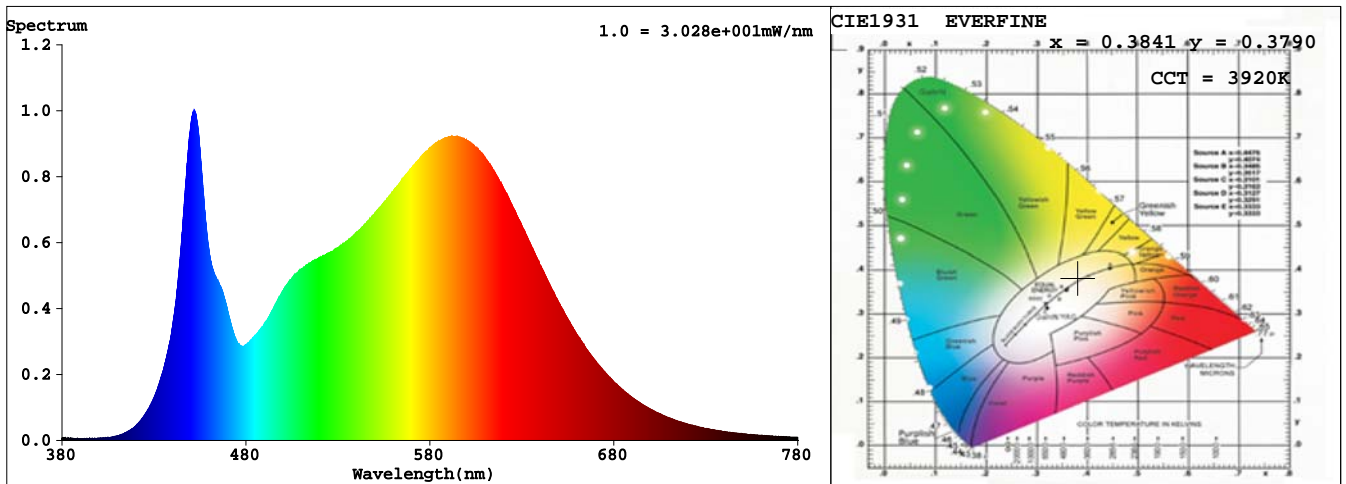
## Spectrum Test Report

Sample	:		Date	:	2023-05-14 11:30:52
Specification	:	MK286-W20-32H-AL20730	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	:	52633 (80%)
Test Mode	:	Fast Test	T	:	729 ms
Sensitivity	:	Low			

### Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

### Colorimetric Parameters

Chromaticity Coordinate:  $x = 0.3841$   $y = 0.3790$  /  $u' = 0.2266$   $v' = 0.5031$  ( $duv=3.36e-05$ )  $Du, Dv: -0.0000, 0.0000$

CCT= 3920K Prcp WL:  $L_d=579.3nm$  Purity=29.0%

Peak WL:  $L_p=452nm$  FWHM: =19.8nm 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 =80 R6 =87 R7 =83

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

### Photometric & Radiometric Parameters

Flux = 1542.8 lm Eff. : 202.79 lm/W  $F_e = 4.6143 W$

### Electrical parameters

$V = 21.74 V$   $I = 0.3499 A$   $P = 7.608 W$  PF = 1.000 F=0.00 Hz

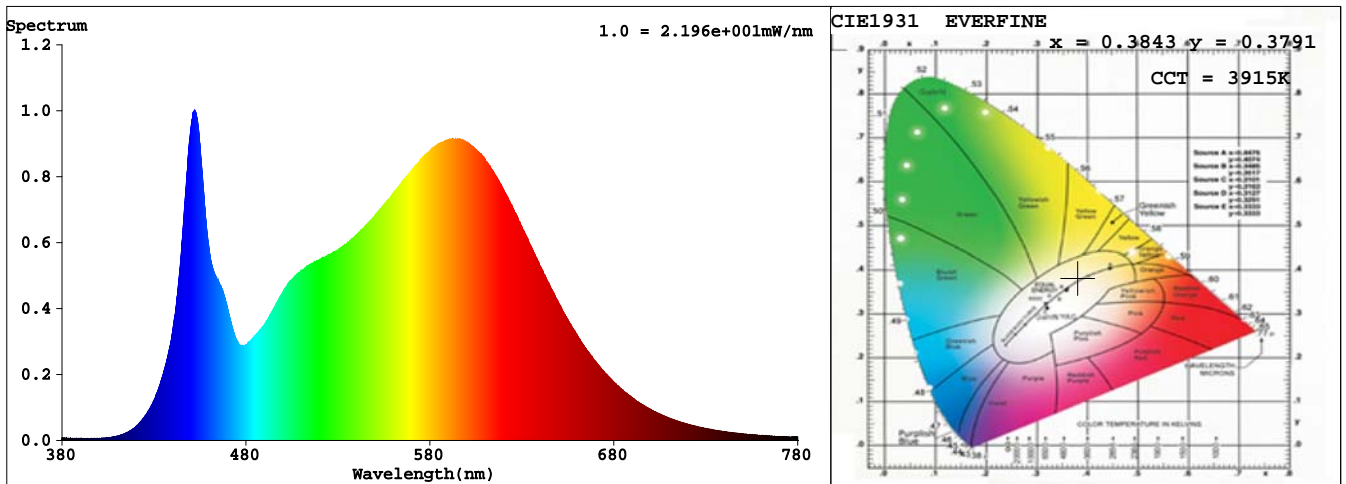
## Spectrum Test Report

Sample	:		Date	:	2023-05-14 11:31:15
Specification	:	MK286-W20-32H-AL20730	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	:	52783 (81%)
Test Mode	:	Fast Test	T	:	1015 ms
Sensitivity	:	Low			

### Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

### Colorimetric Parameters

Chromaticity Coordinate:  $x = 0.3843$   $y = 0.3791$  /  $u' = 0.2267$   $v' = 0.5032$  ( $duv=3.75e-06$ )  $Du, Dv: -0.0000, 0.0000$

CCT= 3915K Prcp WL:  $L_d=579.4nm$  Purity=29.1%

Peak WL:  $L_p=452nm$  FWHM: =19.5nm 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=78 R11=78 R12=65 R13=83 R14=98 R15=73

### Photometric & Radiometric Parameters

Flux = 1108.5 lm Eff. : 207.72 lm/W  $F_e = 3.3167 W$

### Electrical parameters

V = 21.35 V I = 0.2499 A P = 5.337 W PF = 1.000 F=0.00 Hz