

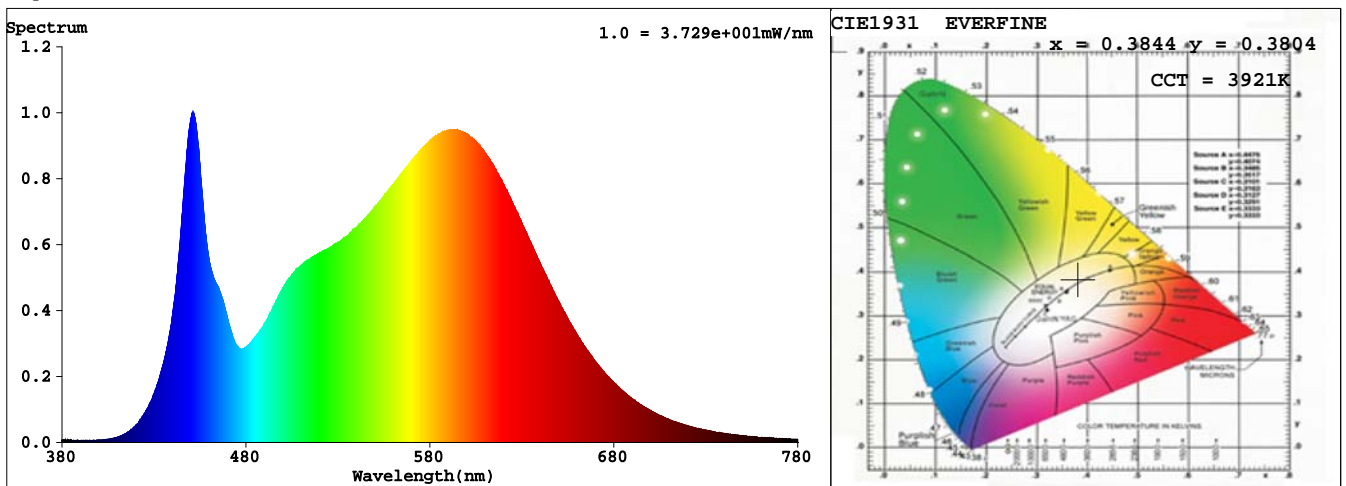
## Spectrum Test Report

Sample	:		Date	:	2023-05-14 10:46:41
Specification	:	MK286-W20-24H-AL20729	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	:	45681 (70%)
Test Mode	:	Fast Test	T	:	500 ms
Sensitivity	:	Low			

### Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

### Colorimetric Parameters

Chromaticity Coordinate:  $x = 0.3844$   $y = 0.3804$  /  $u' = 0.2262$   $v' = 0.5038$  ( $duv=5.73e-04$ )  $Du, Dv: -0.0003, 0.0005$

CCT= 3921K Prcp WL:  $L_d=579.1nm$  Purity=29.5%

Peak WL:  $L_p=451nm$  FWHM:  $\approx 20.0nm$  Ratio: R=18.2% G=78.0% B=3.8%

Render Index:  $R_a = 81.4$

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

R8 =59 R9 =0 R10=76 R11=78 R12=65 R13=82 R14=98 R15=72

### Photometric & Radiometric Parameters

Flux = 1958.6 lm Eff. : 194.31 lm/W  $F_e = 5.8350 W$

### Electrical parameters

$V = 22.40 V$   $I = 0.4500 A$   $P = 10.08 W$  PF = 1.000 F=0.00 Hz

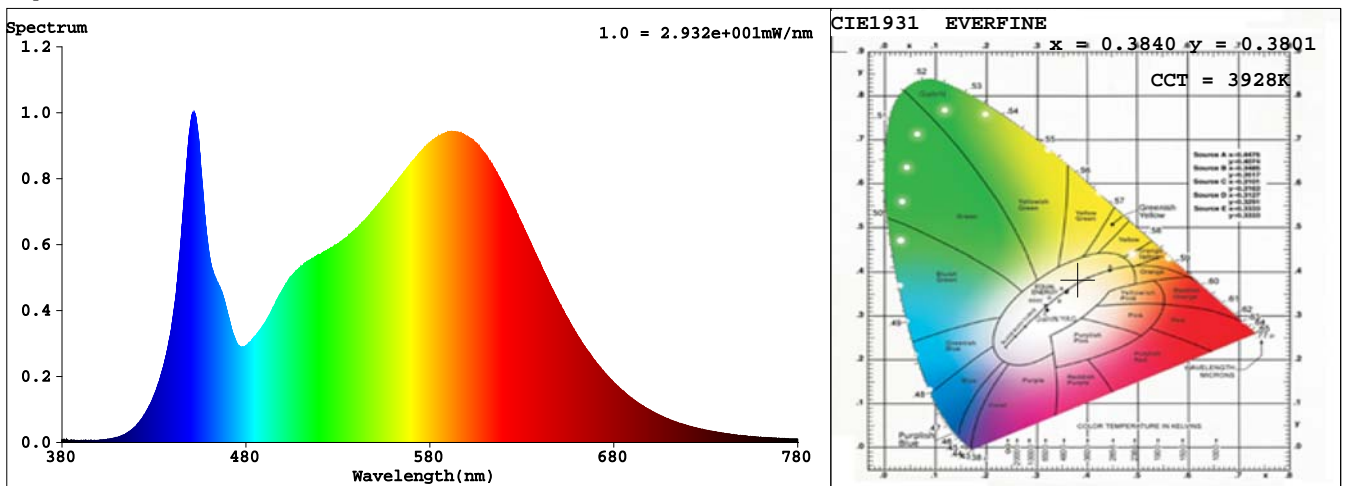
## Spectrum Test Report

Sample	:		Date	:	2023-05-14 10:47:16
Specification	:	MK286-W20-24H-AL20729	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	:	52624 (80%)
Test Mode	:	Fast Test	T	:	738 ms
Sensitivity	:	Low			

### Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

### Colorimetric Parameters

Chromaticity Coordinate:  $x = 0.3840$   $y = 0.3801$  /  $u' = 0.2262$   $v' = 0.5036$  ( $duv=5.05e-04$ )  $Du, Dv: -0.0003, 0.0004$

CCT= 3928K Prcp WL:  $L_d=579.1nm$  Purity=29.3%

Peak WL:  $L_p=452nm$  FWHM:  $=20.3nm$  Ratio: R=18.3% G=77.9% B=3.8%

Render Index:  $R_a = 81.5$

R1 =79 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 = 1530.7 lm Eff. : 199.11 lm/W  $F_e = 4.5667 W$

### Electrical parameters

$V = 21.97 V$   $I = 0.3500 A$   $P = 7.688 W$  PF = 1.000 F=0.00 Hz

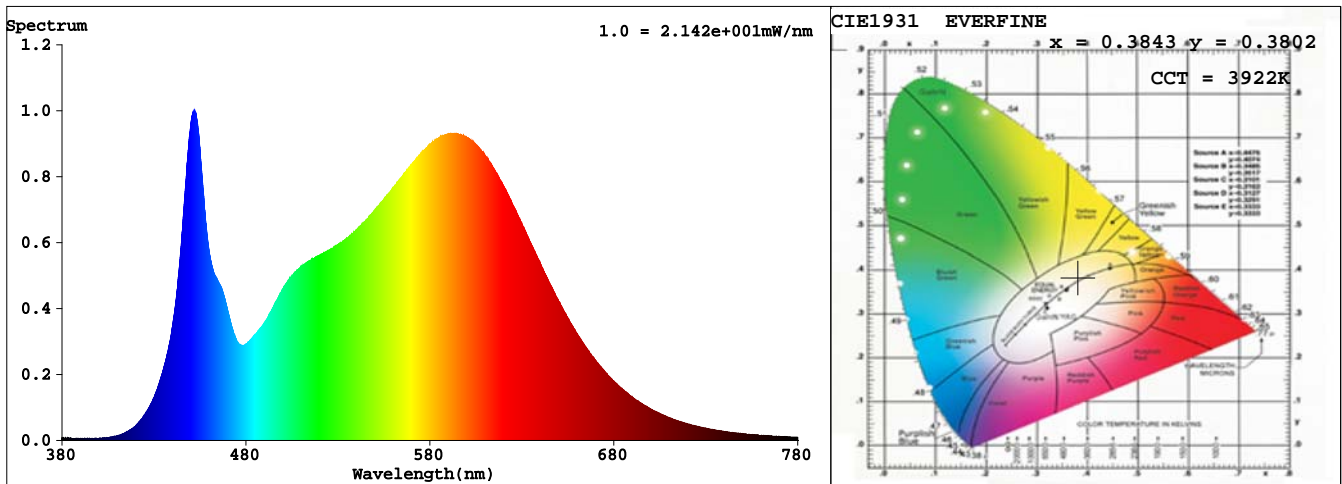
## Spectrum Test Report

Sample	:		Date	:	2023-05-14 10:47:35
Specification	:	MK286-W20-24H-AL20729	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	:	52686 (80%)
Test Mode	:	Fast Test	T	:	1021 ms
Sensitivity	:	Low			

### Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

### Colorimetric Parameters

Chromaticity Coordinate:  $x = 0.3843$   $y = 0.3802$  /  $u' = 0.2263$   $v' = 0.5037$  ( $duv=4.95e-04$ )  $Du, Dv: -0.0003, 0.0004$

CCT= 3922K Prcp WL:  $L_d=579.1nm$  Purity=29.5%

Peak WL:  $L_p=452nm$  FWHM:  $=19.7nm$  Ratio: R=18.3% G=77.9% B=3.8%

Render Index:  $R_a = 81.6$

R1 =79 R2 =90 R3 =96 R4 =79 R5 =80 R6 =87 R7 =83

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

### Photometric & Radiometric Parameters

Flux = 1104.6 lm Eff. : 205.22 lm/W  $F_e = 3.2956 W$

### Electrical parameters

$V = 21.54 V$   $I = 0.2499 A$   $P = 5.383 W$  PF = 1.000 F=0.00 Hz