

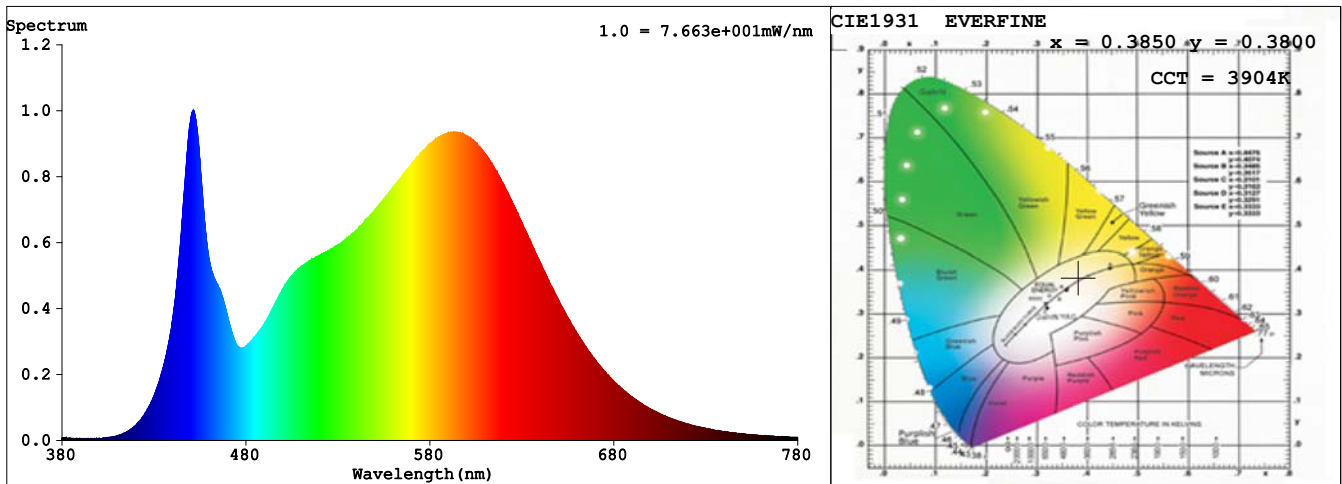
## Spectrum Test Report

Sample	:	Date	:	2023-05-14 11:34:20
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	:	46959 (72%)
Test Mode	:	Fast Test	T	:	253 ms
Sensitivity	:	Low			

### Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

### Colorimetric Parameters

Chromaticity Coordinate:  $x = 0.3850$   $y = 0.3800$  /  $u' = 0.2268$   $v' = 0.5037$  ( $duv=2.26e-04$ )  $Du, Dv: -0.0001, 0.0002$

CCT= 3904K Prcp WL:  $L_d=579.3\text{nm}$  Purity=29.6%

Peak WL:  $L_p=452\text{nm}$  FWHM:  $=19.5\text{nm}$  Ratio: R=18.4% G=77.8% B=3.8%

Render Index:  $R_a = 81.6$

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 = 3955.8 lm Eff. : 199.61 lm/W  $F_e = 11.804 \text{ W}$

### Electrical parameters

$V = 44.02 \text{ V}$   $I = 0.4502 \text{ A}$   $P = 19.82 \text{ W}$  PF = 1.000 F=0.00 Hz

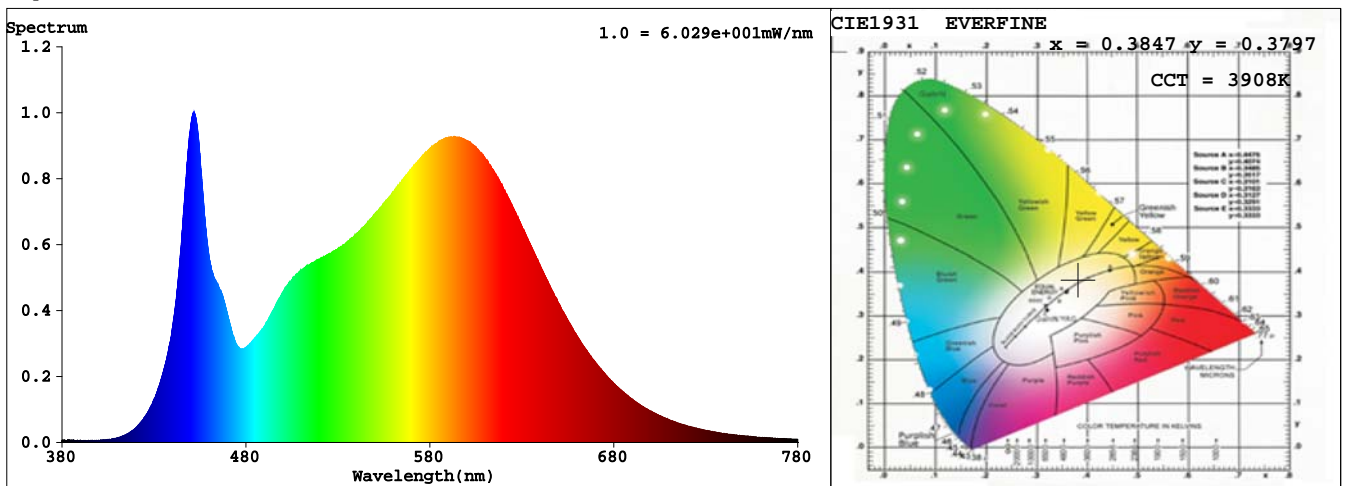
## Spectrum Test Report

Sample	:		Date	:	2023-05-14 11:35:09
Specification	:	MK286-W20-64H-AL20731	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	:	52709 (80%)
Test Mode	:	Fast Test	T	:	365 ms
Sensitivity	:	Low			

### Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

### Colorimetric Parameters

Chromaticity Coordinate:  $x = 0.3847$   $y = 0.3797$  /  $u' = 0.2267$   $v' = 0.5035$  ( $duv=1.57e-04$ )  $Du, Dv: -0.0001, 0.0001$

CCT= 3908K Prcp WL:  $L_d=579.3nm$  Purity=29.4%

Peak WL:  $L_p=452nm$  FWHM:  $=19.5nm$  Ratio: R=18.4% G=77.8% B=3.8%

Render Index:  $R_a = 81.8$

R1 =80	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 = 3085.7 lm Eff. : 203.56 lm/W  $F_e = 9.2181 W$

### Electrical parameters

$V = 43.31 V$   $I = 0.3500 A$   $P = 15.16 W$  PF = 1.000 F=0.00 Hz

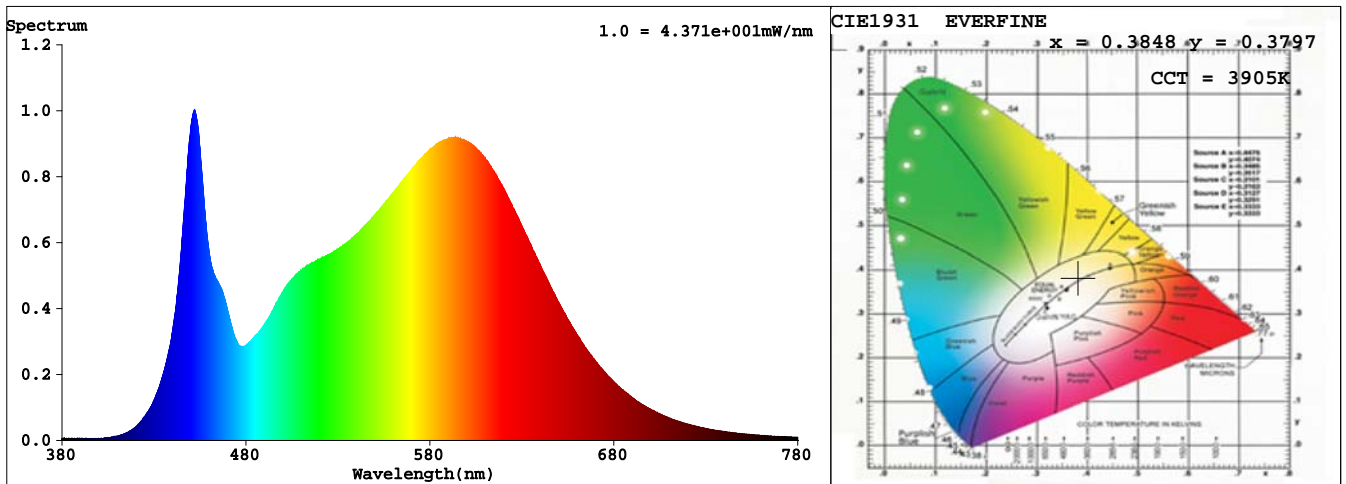
## Spectrum Test Report

Sample	:		Date	:	2023-05-14 11:35:29
Specification	:	MK286-W20-64H-AL20731	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	:	52601 (80%)
Test Mode	:	Fast Test	T	:	507 ms
Sensitivity	:	Low			

### Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

### Colorimetric Parameters

Chromaticity Coordinate:  $x = 0.3848$   $y = 0.3797$  /  $u' = 0.2268$   $v' = 0.5035$  ( $duv=1.07e-04$ )  $Du, Dv: -0.0001, 0.0001$

CCT= 3905K Prcp WL:  $L_d=579.4nm$  Purity=29.4%

Peak WL:  $L_p=452nm$  FWHM: =19.2nm Ratio:R=18.4% G=77.7% 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 = 2214.0 lm Eff. : 208.05 lm/W  $F_e = 6.6170 W$

### Electrical parameters

V = 42.58 V I = 0.2499 A P = 10.64 W PF = 1.000 F=0.00 Hz