

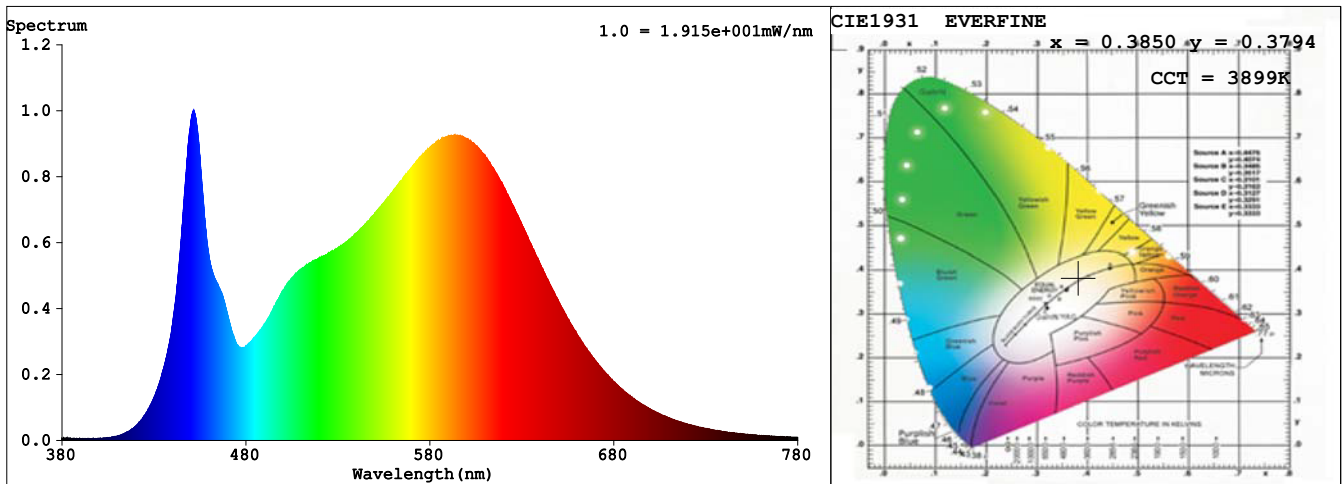
Spectrum Test Report

Sample	:	Date	:	2023-05-14 11:02:37
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	:	45868 (70%)
Test Mode	:	Fast Test	T	:	1000 ms
Sensitivity	:	Low			

Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3850$ $y = 0.3794$ / $u' = 0.2270$ $v' = 0.5034$ ($duv = -5.02e-05$) $Du, Dv: 0.0000, -0.0000$

CCT= 3899K Prcp WL: $L_d = 579.5\text{nm}$ Purity=29.4%

Peak WL: $L_p = 452\text{nm}$ FWHM: =19.4nm Ratio: R=18.4% G=77.7% B=3.8%

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=82 R14=98 R15=72

Photometric & Radiometric Parameters

Flux = 977.09 lm Eff. : 197.00 lm/W $F_e = 2.9197\text{ W}$

Electrical parameters

V = 16.53 V I = 0.3001 A P = 4.960 W PF = 1.000 F=0.00 Hz

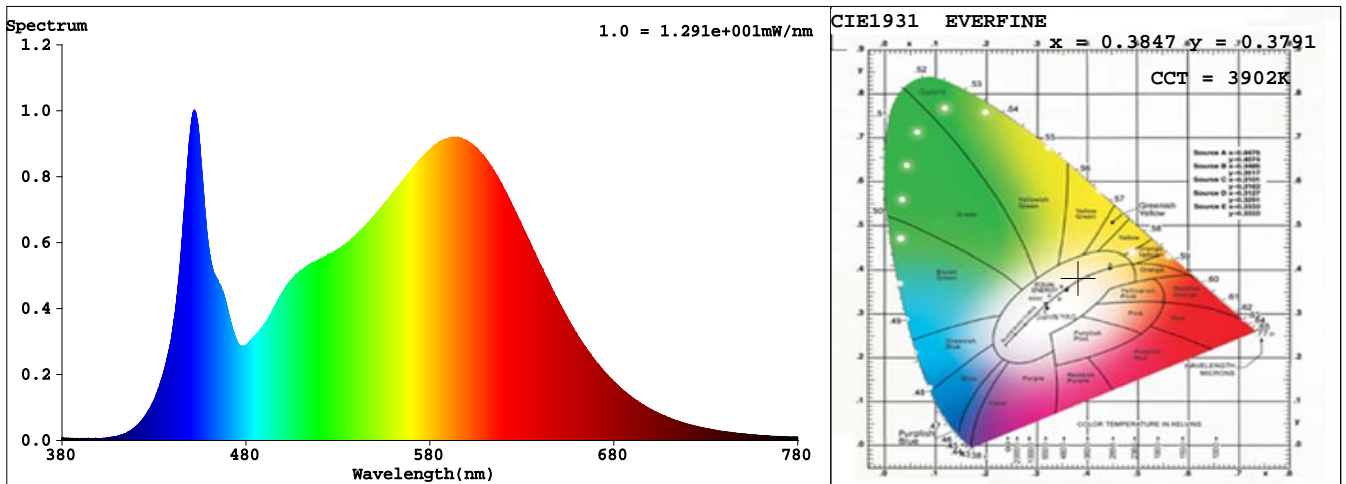
Spectrum Test Report

Sample	:		Date	:	2023-05-14 11:03:12
Specification	:	MK286-W20-18H-AL20736	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	:	52309 (80%)
Test Mode	:	Fast Test	T	:	1705 ms
Sensitivity	:	Low			

Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3847$ $y = 0.3791$ / $u' = 0.2270$ $v' = 0.5032$ ($duv = -1.53e-04$) $Du, Dv: 0.0001, -0.0001$

CCT= 3902K Prcp WL: $L_d = 579.5nm$ Purity=29.2%

Peak WL: $L_p = 452nm$ FWHM: =19.5nm Ratio: R=18.5% 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 = 653.58 lm Eff. : 203.04 lm/W $F_e = 1.9560 W$

Electrical parameters

V = 16.10 V I = 0.1999 A P = 3.219 W PF = 1.000 F=0.00 Hz

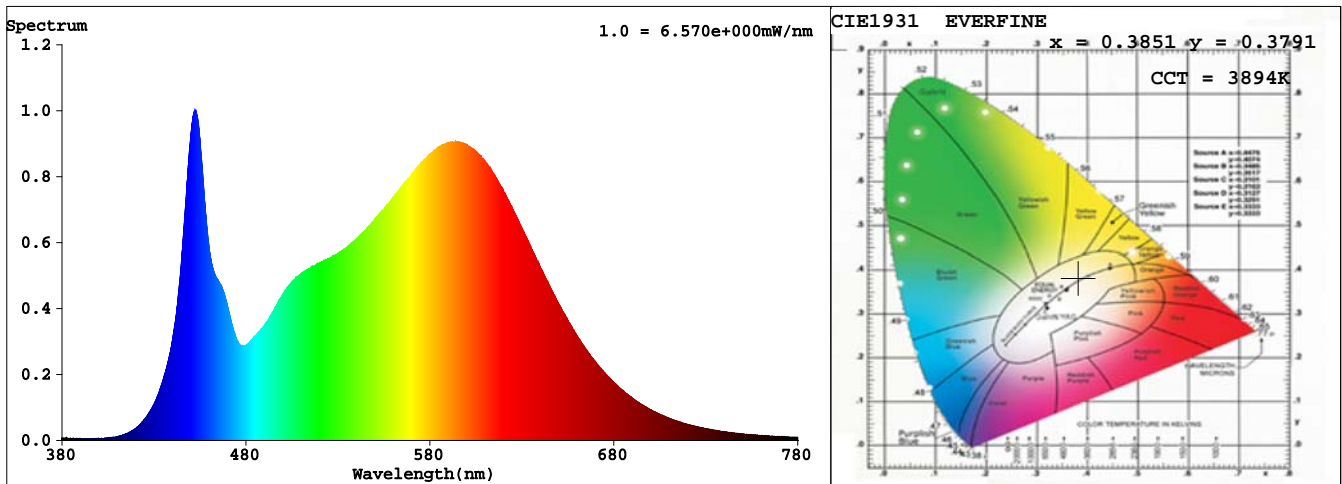
Spectrum Test Report

Sample	:		Date	:	2023-05-14 11:03:57
Specification	:	MK286-W20-18H-AL20736	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	:	52201 (80%)
Test Mode	:	Fast Test	T	:	3388 ms
Sensitivity	:	Low			

Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3851$ $y = 0.3791$ / $u' = 0.2272$ $v' = 0.5033$ ($duv = -2.45e-04$) $Du, Dv: 0.0001, -0.0002$

CCT= 3894K Prcp WL: $L_d = 579.6nm$ Purity=29.3%

Peak WL: $L_p = 453nm$ FWHM: =19.2nm Ratio: R=18.5% G=77.6% B=3.9%

Render Index: $R_a = 82.1$

R1 =80 R2 =91 R3 =95 R4 =79 R5 =81 R6 =88 R7 =83

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

Photometric & Radiometric Parameters

Flux = 327.35 lm Eff. : 209.25 lm/W $F_e = 980.38 mW$

Electrical parameters

V = 15.66 V I = 0.09990 A P = 1.564 W PF = 1.000 F=0.00 Hz