

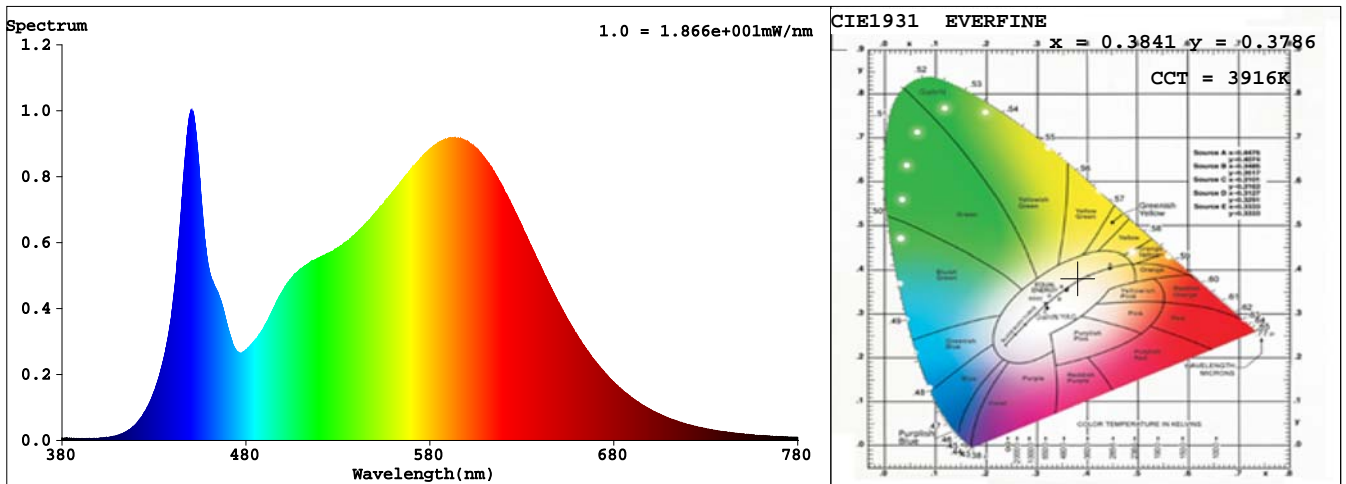
Spectrum Test Report

Sample	:		Date	:	2023-05-14 10:42:12
Specification	:	MK286-W20-12H-AL20727	Standardtus	:	
Sample No.	:	1	Instrument	:	HaasSuite(EVERFINE)
Manufacturer	:	EVERFINE	Test by	:	DAMIN
Assessor	:	damin			
Remark	:				

Test Condition

Temperature	:	25.3Deg	RH	:	65.0%
WL Range	:	380nm-780nm	IP	:	52829 (81%)
Test Mode	:	Fast Test	T	:	1192 ms
Sensitivity	:	Low			

Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3841$ $y = 0.3786$ / $u' = 0.2268$ $v' = 0.5029$ ($duv = -2.05e-04$) $Du, Dv: 0.0001, -0.0002$

CCT= 3916K Prcp WL: $Ld=579.5nm$ Purity=28.9%

Peak WL: $Lp=451nm$ FWHM: $=18.9nm$ Ratio: R=18.4% G=77.9% B=3.7%

Render Index: $Ra = 81.7$

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

R8 =59 R9 =0 R10=76 R11=79 R12=66 R13=82 R14=98 R15=72

Photometric & Radiometric Parameters

Flux = 947.26 lm Eff. : 188.55 lm/W Fe = 2.8310 W

Electrical parameters

V = 11.41 V I = 0.4402 A P = 5.024 W PF = 1.000 F=0.00 Hz

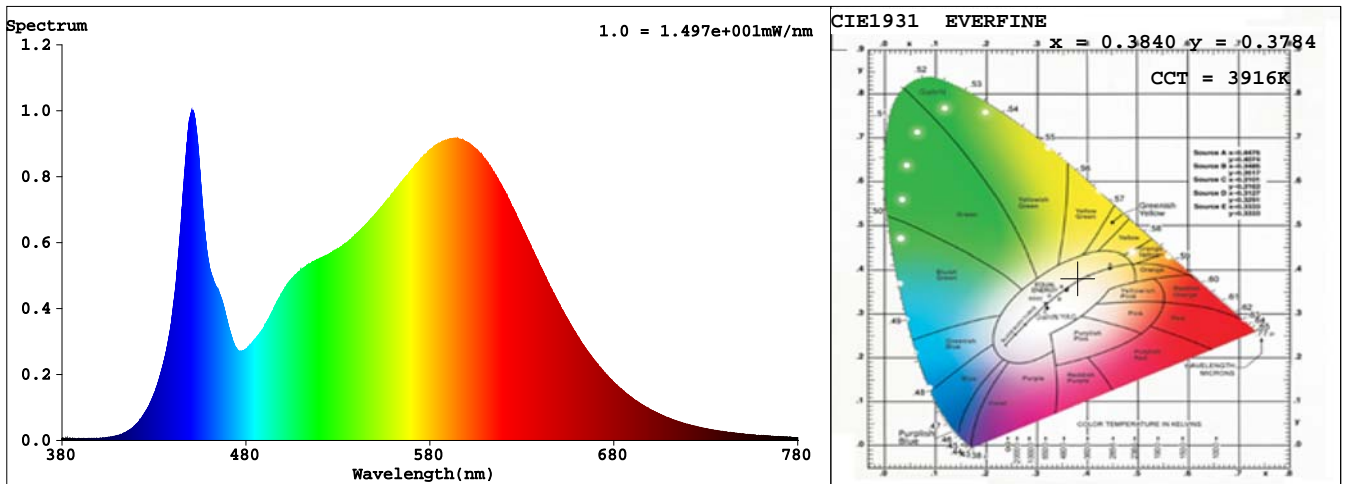
Spectrum Test Report

Sample	:		Date	:	2023-05-14 10:42:43
Specification	:	MK286-W20-12H-AL20727	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	:	52945 (81%)
Test Mode	:	Fast Test	T	:	1491 ms
Sensitivity	:	Low			

Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3840$ $y = 0.3784$ / $u' = 0.2268$ $v' = 0.5028$ ($duv = -2.84e-04$) $Du, Dv: 0.0002, -0.0002$

CCT= 3916K Prcp WL: $L_d = 579.5nm$ Purity=28.8%

Peak WL: $L_p = 451nm$ FWHM: =19.0nm Ratio: R=18.4% G=77.8% B=3.8%

Render Index: $R_a = 81.8$

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=73

Photometric & Radiometric Parameters

Flux = 757.40 lm Eff. : 194.29 lm/W $F_e = 2.2650 W$

Electrical parameters

V = 11.14 V I = 0.3500 A P = 3.898 W PF = 1.000 F=0.00 Hz

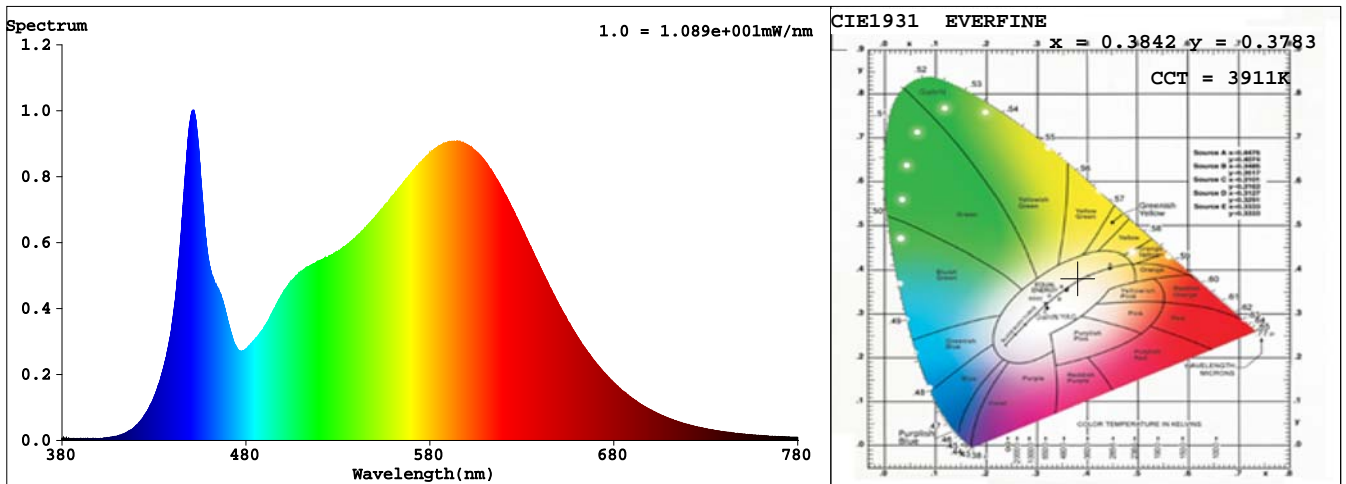
Spectrum Test Report

Sample	:		Date	:	2023-05-14 10:43:11
Specification	:	MK286-W20-12H-AL20727	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	:	52687 (80%)
Test Mode	:	Fast Test	T	:	2060 ms
Sensitivity	:	Low			

Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3842$ $y = 0.3783$ / $u' = 0.2270$ $v' = 0.5028$ ($duv = -3.48e-04$) $Du, Dv: 0.0002, -0.0003$

CCT= 3911K Prcp WL: $L_d = 579.6nm$ Purity=28.8%

Peak WL: $L_p = 451nm$ FWHM: =18.8nm 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=77 R11=79 R12=65 R13=83 R14=98 R15=73

Photometric & Radiometric Parameters

Flux = 545.22 lm Eff. : 200.47 lm/W $F_e = 1.6316 W$

Electrical parameters

V = 10.88 V I = 0.2499 A P = 2.720 W PF = 1.000 F=0.00 Hz