

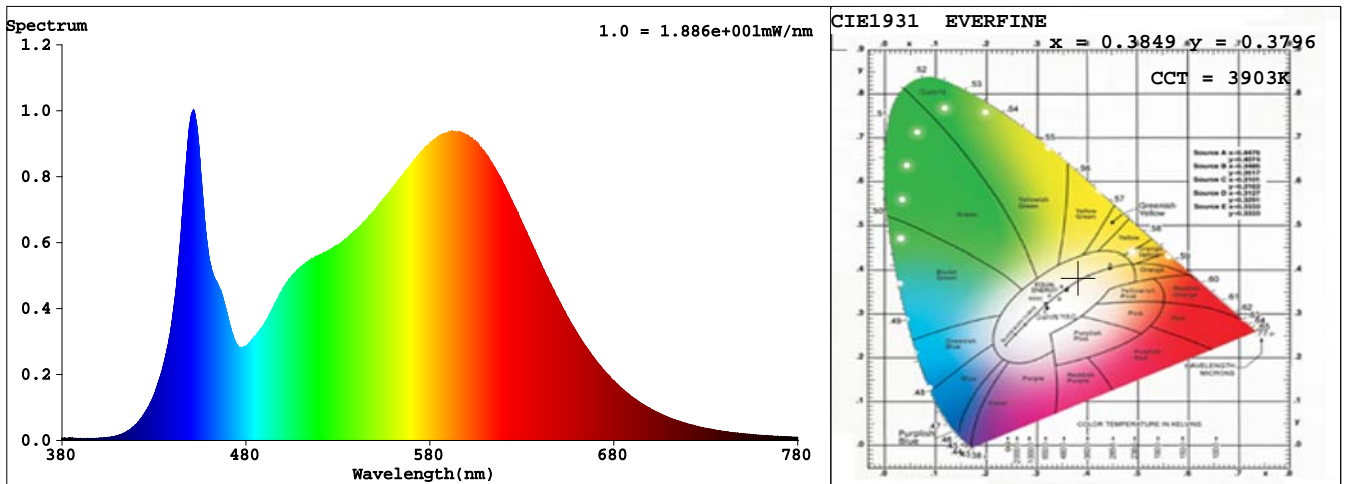
Spectrum Test Report

Sample	:	Date	:	2023-05-14 11:27:12
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	:	45712 (70%)
Test Mode	:	Fast Test	T	:	1000 ms
Sensitivity	:	Low			

Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3849$ $y = 0.3796$ / $u' = 0.2269$ $v' = 0.5035$ ($duv=5.38e-05$) $Du, Dv: -0.0000, 0.0000$

CCT= 3903K Prcp WL: $Ld=579.4nm$ Purity=29.4%

Peak WL: $Lp=452nm$ FWHM: $=19.8nm$ Ratio: R=18.4% G=77.8% B=3.8%

Render Index: $Ra = 81.6$

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 = 974.91 lm Eff. : 193.01 lm/W Fe = 2.9103 W

Electrical parameters

V = 11.22 V I = 0.4501 A P = 5.051 W PF = 1.000 F=0.00 Hz

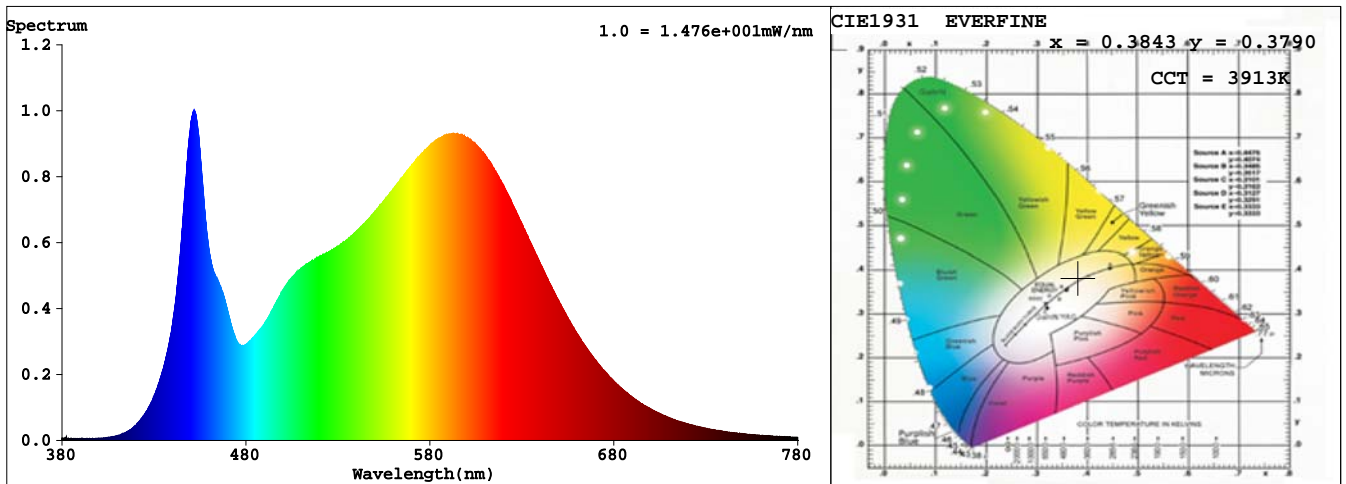
Spectrum Test Report

Sample	:		Date	:	2023-05-14 11:28:00
Specification	:	MK286-W20-16H-AL20723	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	:	52705 (80%)
Test Mode	:	Fast Test	T	:	1482 ms
Sensitivity	:	Low			

Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3843, y = 0.3790 / u' = 0.2268, v' = 0.5032$ ($duv = -5.42e-05$) $Du, Dv: 0.0000, -0.0000$

CCT= 3913K Prcp WL: $Ld=579.4nm$ Purity=29.1%

Peak WL: $Lp=452nm$ FWHM: $=20.1nm$ Ratio: R=18.4% G=77.8% B=3.8%

Render Index: $Ra = 81.7$

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 = 757.96 lm Eff. : 197.27 lm/W $Fe = 2.2673 W$

Electrical parameters

V = 10.98 V I = 0.3499 A P = 3.842 W PF = 1.000 F=0.00 Hz

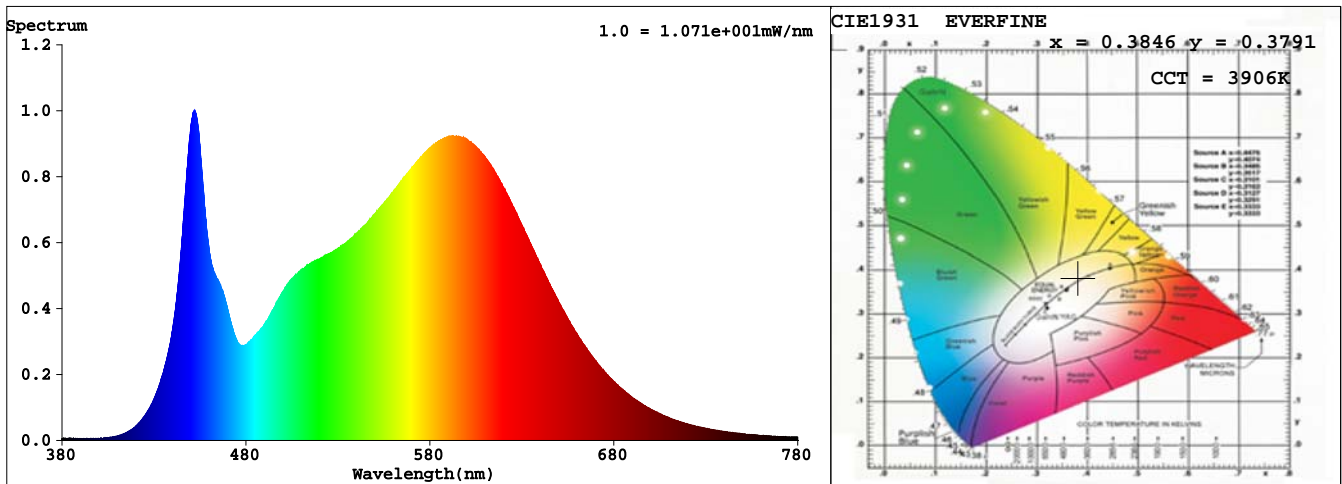
Spectrum Test Report

Sample	:		Date	:	2023-05-14 11:28:35
Specification	:	MK286-W20-16H-AL20723	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	:	52793 (81%)
Test Mode	:	Fast Test	T	:	2062 ms
Sensitivity	:	Low			

Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3846$ $y = 0.3791$ / $u' = 0.2269$ $v' = 0.5032$ ($duv = -8.40e-05$) $Du, Dv: 0.0000, -0.0001$

CCT= 3906K Prcp WL: $L_d = 579.5nm$ Purity=29.2%

Peak WL: $L_p = 452nm$ FWHM: $= 19.8nm$ Ratio: R=18.4% G=77.7% B=3.9%

Render Index: $R_a = 81.8$

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 = 544.87 lm Eff. : 202.87 lm/W $F_e = 1.6300 W$

Electrical parameters

V = 10.75 V I = 0.2498 A P = 2.686 W PF = 1.000 F=0.00 Hz