

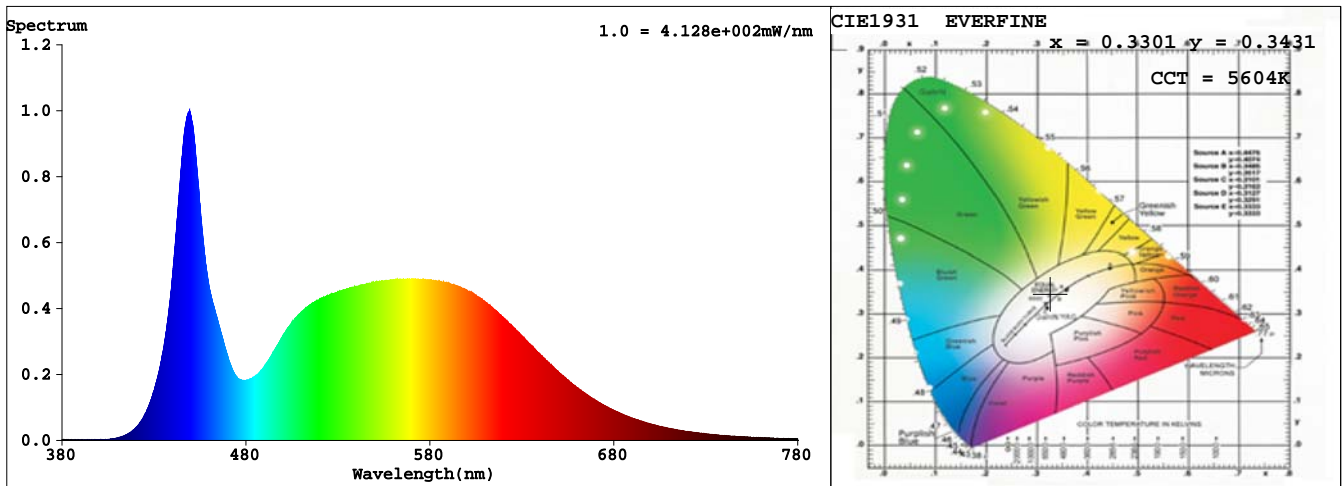
Spectrum Test Report

Sample :	Date :	2021-12-23 19:55:20
Specification :	Sam. Status :	
Sample No. : 585	Instrument :	HAAS-2000(EVERFINE)
Manufacturer :	Test by :	
	Assessor :	damin

Test Condition

Temperature : 25Deg	RH : 65.0%
WL Range : 380nm-780nm	IP : 52974 (81%)
Test Mode : Fast Test	T : 43 ms
	Sensitivity : High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3301$ $y = 0.3431$ / $u' = 0.2045$ $v' = 0.4782$ ($duv=2.10e-03$)

CCT= 5604K Prcp WL: $L_d=533.7nm$ Purity=2.2%

Peak WL: $L_p=449nm$ FWHM: =19.0nm Ratio:R=14.5% G=80.9% B=4.6%

Render Index: $R_a = 81.8$ AvgR = 74.5 TM30:Rf=80 Rg=96

R1 =80 R2 =86 R3 =89 R4 =83 R5 =82 R6 =80 R7 =87

R8 =68 R9 =5 R10=65 R11=83 R12=59 R13=81 R14=94 R15=76

LEVEL:OUT WHITE:ANSI_5700K

Photometric & Radiometric Parameters

Flux = 13027 lm Eff. : 127.62 lm/W Fe = 40.829 W

Electrical parameters

V = 230.0 V I = 0.4603 A P = 102.1 W PF = 0.9639 F=49.99 Hz

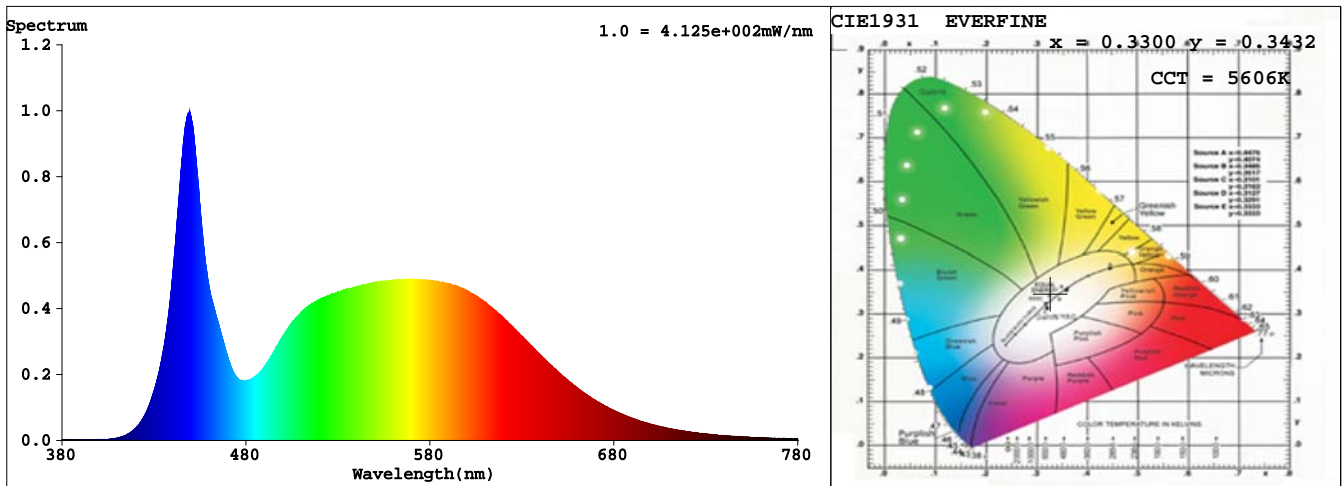
Spectrum Test Report

Sample :	Date :	2021-12-23 19:56:13
Specification :	Sam. Status :	
Sample No. : 586	Instrument :	HAAS-2000(EVERFINE)
Manufacturer :	Test by :	
	Assessor :	damin

Test Condition

Temperature : 25Deg	RH : 65.0%
WL Range : 380nm-780nm	IP : 52897 (81%)
Test Mode : Fast Test	T : 43 ms
	Sensitivity : High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3300$ $y = 0.3432$ / $u' = 0.2044$ $v' = 0.4783$ ($duv=2.17e-03$)

CCT= 5606K Prcp WL: $L_d=533.3nm$ Purity=2.2%

Peak WL: $L_p=449nm$ FWHM: =19.1nm Ratio:R=14.5% G=80.9% B=4.6%

Render Index: $R_a = 81.8$ AvgR = 74.4 TM30:Rf=80 Rg=96

R1 =80 R2 =85 R3 =89 R4 =83 R5 =82 R6 =80 R7 =87

R8 =68 R9 =5 R10=65 R11=83 R12=59 R13=81 R14=94 R15=75

LEVEL:OUT WHITE:ANSI_5700K

Photometric & Radiometric Parameters

Flux = 12983 lm Eff. : 128.58 lm/W Fe = 40.678 W

Electrical parameters

V = 230.0 V I = 0.4559 A P = 101.0 W PF = 0.9629 F=49.99 Hz

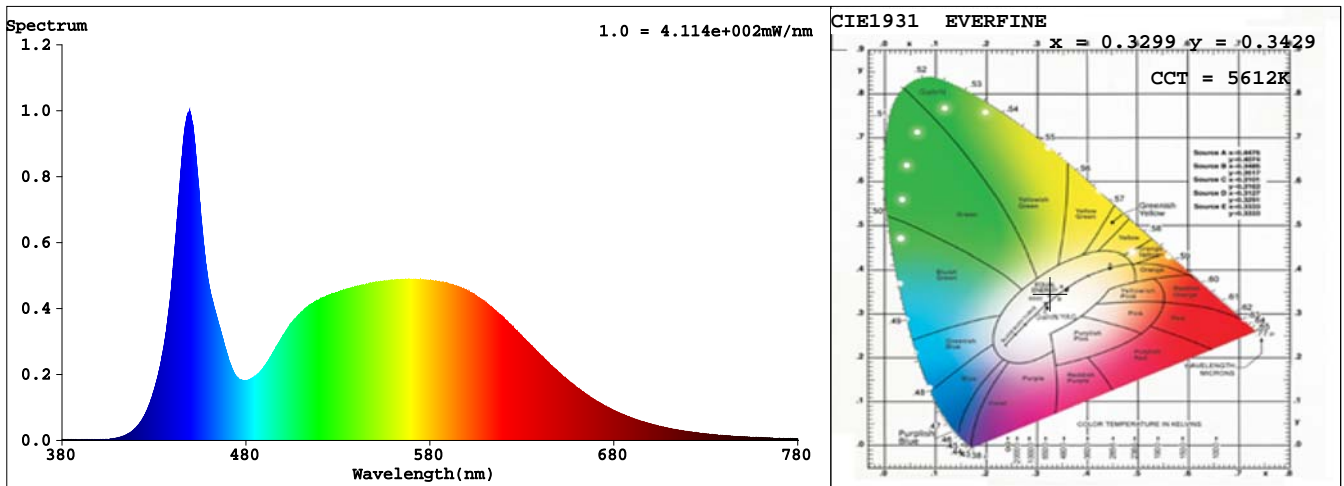
Spectrum Test Report

Sample :	Date :	2021-12-23 19:57:17
Specification :	Sam. Status :	
Sample No. : 587	Instrument :	HAAS-2000(EVERFINE)
Manufacturer :	Test by :	
	Assessor :	damin

Test Condition

Temperature : 25Deg	RH : 65.0%
WL Range : 380nm-780nm	IP : 52784 (81%)
Test Mode : Fast Test	T : 43 ms
	Sensitivity : High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3299$ $y = 0.3429$ / $u' = 0.2044$ $v' = 0.4781$ ($duv=2.08e-03$)

CCT= 5612K Prcp WL: $L_d=531.1nm$ Purity=2.0%

Peak WL: $L_p=449nm$ FWHM: =19.1nm Ratio:R=14.5% G=80.9% B=4.6%

Render Index: $R_a = 81.8$ AvgR = 74.5 TM30:Rf=80 Rg=96

R1 =80 R2 =86 R3 =89 R4 =83 R5 =82 R6 =80 R7 =87

R8 =68 R9 =5 R10=65 R11=83 R12=59 R13=81 R14=94 R15=76

LEVEL:OUT WHITE:ANSI_5700K

Photometric & Radiometric Parameters

Flux = 12955 lm Eff. : 128.52 lm/W Fe = 40.622 W

Electrical parameters

V = 230.0 V I = 0.4540 A P = 100.8 W PF = 0.9652 F=49.99 Hz

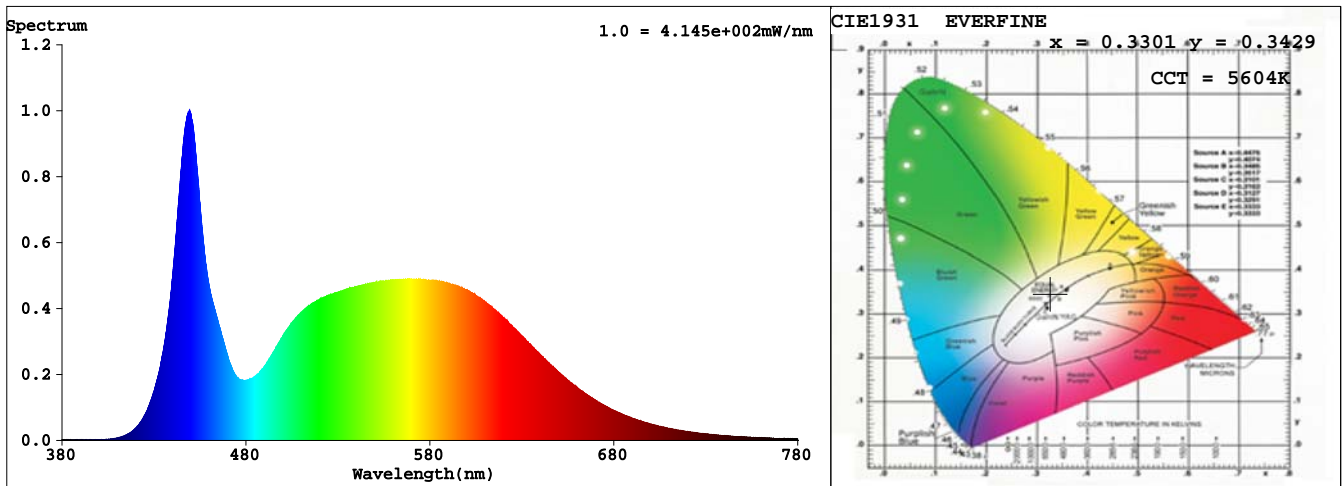
Spectrum Test Report

Sample :	Date :	2021-12-23 19:59:00
Specification :	Sam. Status :	
Sample No. : 588	Instrument :	HAAS-2000(EVERFINE)
Manufacturer :	Test by :	
	Assessor :	damin

Test Condition

Temperature : 25Deg	RH : 65.0%
WL Range : 380nm-780nm	IP : 53255 (81%)
Test Mode : Fast Test	T : 43 ms
	Sensitivity : High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3301$ $y = 0.3429$ / $u' = 0.2045$ $v' = 0.4781$ ($duv=2.01e-03$)

CCT= 5604K Prcp WL: $L_d=533.1nm$ Purity=2.1%

Peak WL: $L_p=449nm$ FWHM: =19.0nm Ratio:R=14.6% G=80.8% B=4.6%

Render Index: $R_a = 81.9$ AvgR = 74.6 TM30:Rf=80 Rg=96

R1 =80 R2 =86 R3 =89 R4 =83 R5 =82 R6 =80 R7 =87

R8 =68 R9 =5 R10=66 R11=83 R12=59 R13=81 R14=94 R15=76

LEVEL:OUT WHITE:ANSI_5700K

Photometric & Radiometric Parameters

Flux = 13075 lm Eff. : 127.53 lm/W Fe = 40.995 W

Electrical parameters

V = 230.0 V I = 0.4621 A P = 102.5 W PF = 0.9647 F=49.99 Hz

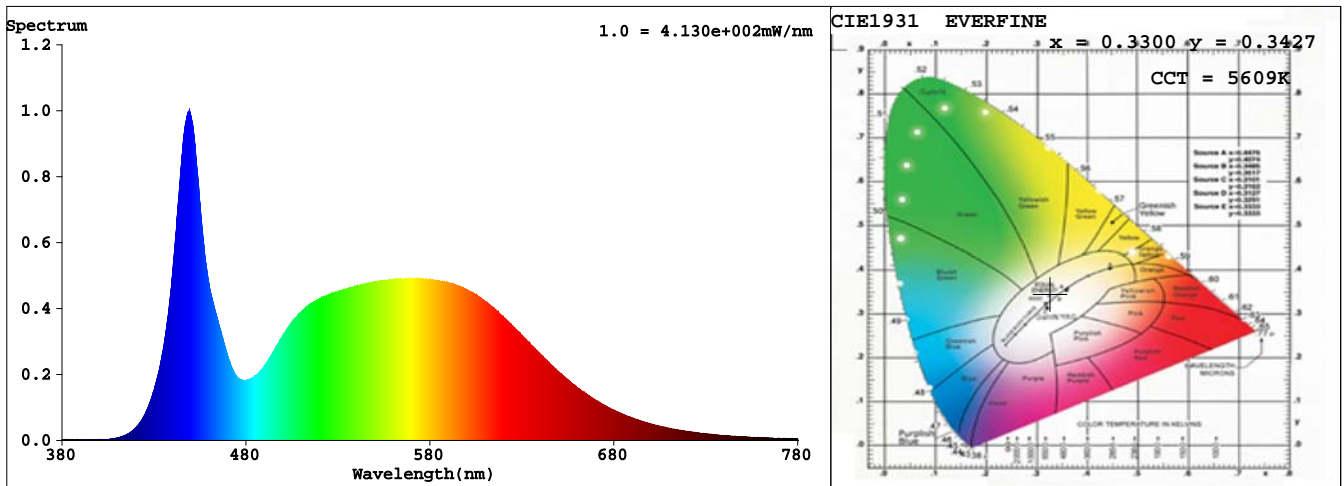
Spectrum Test Report

Sample :	Date :	2021-12-23 19:59:35
Specification :	Sam. Status :	
Sample No. : 589	Instrument :	HAAS-2000(EVERFINE)
Manufacturer :	Test by :	
	Assessor :	damin

Test Condition

Temperature : 25Deg	RH : 65.0%
WL Range : 380nm-780nm	IP : 52953 (81%)
Test Mode : Fast Test	T : 43 ms
	Sensitivity : High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3300$ $y = 0.3427$ / $u' = 0.2046$ $v' = 0.4780$ ($duv=1.94e-03$)

CCT= 5609K Prcp WL: $L_d=531.3nm$ Purity=2.0%

Peak WL: $L_p=449nm$ FWHM: =19.2nm Ratio:R=14.6% G=80.8% B=4.6%

Render Index: $R_a = 81.9$ AvgR = 74.6 TM30:Rf=80 Rg=96

R1 =81 R2 =86 R3 =89 R4 =83 R5 =82 R6 =80 R7 =87

R8 =69 R9 =5 R10=66 R11=83 R12=59 R13=82 R14=94 R15=76

LEVEL:OUT WHITE:ANSI_5700K

Photometric & Radiometric Parameters

Flux = 13066 lm Eff. : 128.47 lm/W Fe = 40.992 W

Electrical parameters

V = 230.0 V I = 0.4586 A P = 101.7 W PF = 0.9642 F=49.99 Hz