YUJILEDS

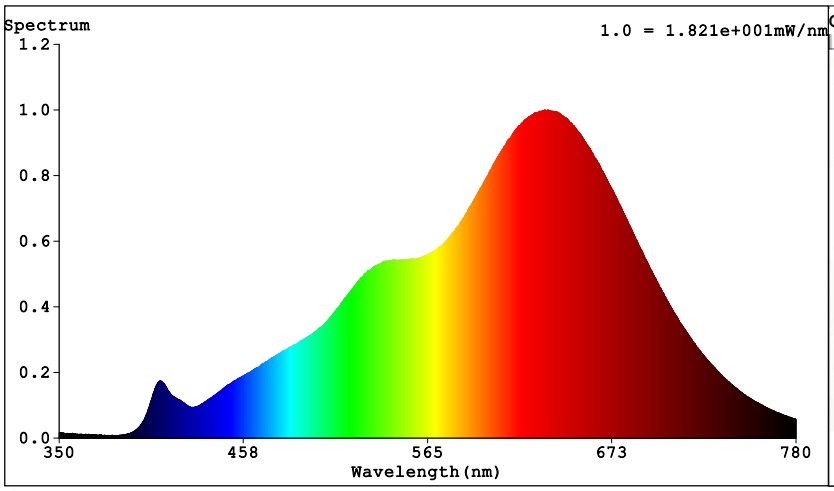
Spectrum Test Report

Sample	:	Date	: 2019-09-05 14:46:54
Specification	:	Sam. Status	:
Sample No.	: VF47-1	Instrument	: HaasSuite(EVERFINE)
Manufacturer	:	Test by	: L

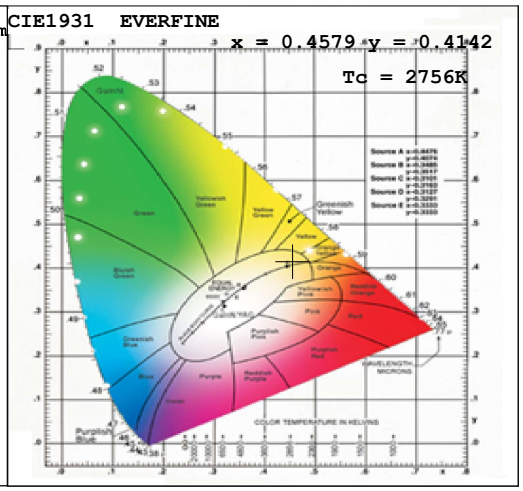
Test Condition

Temprature	: Deg	RH	: %
WL Range	: 350nm-780nm	IP	: 56032 (85%)
Test Mode	: Fast Test	T	: 363 ms
		Delicacy	: Low

Spectrum



Spectral Distribution



CIE1931 Chromaticity Diagram

Colorimetric Quantities

Chromaticity Coordinate: x = 0.4579 y = 0.4142 / u' = 0.2596 v' = 0.5284 (duv=1.50e-03)

Tc= 2756K Prcp WL: λd=583.5nm Purity=61.8%

Peak WL: λp=634nm Half Width:Δλp=168.2nm Ratio:R=28.7% G=68.8% B=2.6%

Render Index: Ra = 97.1

R1 =97	R2 =99	R3 =97	R4 =95	R5 =97	R6 =96	R7 =99	
R8 =98	R9 =94	R10=99	R11=92	R12=96	R13=97	R14=97	R15=100

Photometric & Radiometric Quantities

Flux = 792.41 lm Eff. : 46.71 lm/W Fe = 3.1568 W

Electrical parameters

V = 24.00 V I = 0.7069 A P = 16.96 W PF = 1.000

EVERFINE

http://www.everfine.cn

YUJILEDS

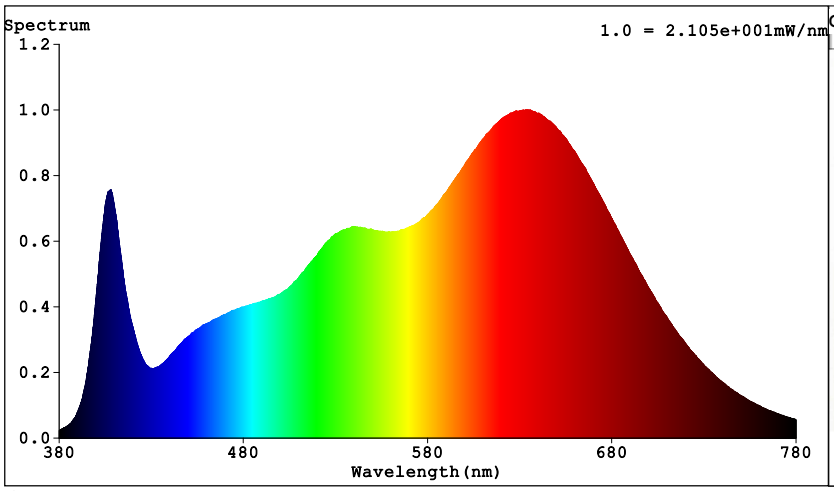
Spectrum Test Report

Sample	:	Date	: 2020-01-15 13:24:20
Specification	:	Sam. Status	:
Sample No.	: #1-WW	Instrument	: HaasSuite(EVERFINE)
Manufacturer	:	Test by	: L

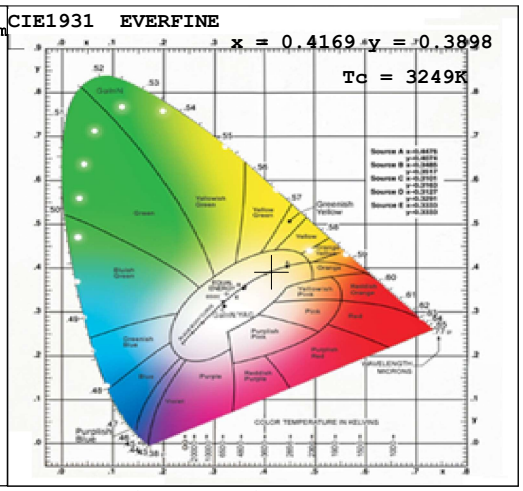
Test Condition

Temprature	: Deg	RH	: %
WL Range	: 380nm-780nm	IP	: 56344 (86%)
Test Mode	: Fast Test	T	: 315 ms
		Delicacy	: Low

Spectrum



Spectral Distribution



CIE1931 Chromaticity Diagram

Colorimetric Quantities

Chromaticity Coordinate: x = 0.4169 y = 0.3898 / u' = 0.2436 v' = 0.5126 (duv=-2.72e-03)

Tc= 3249K Prcp WL: λd=582.9nm Purity=42.1%

Peak WL: λp=634nm Half Width:Δλp=184.4nm Ratio:R=25.9% G=70.6% B=3.5%

Render Index: Ra = 95.6

R1 =94	R2 =97	R3 =97	R4 =93	R5 =94	R6 =95	R7 =99	
R8 =97	R9 =94	R10=96	R11=91	R12=90	R13=94	R14=97	R15=95

Photometric & Radiometric Quantities

Flux = 1030.5 lm Eff. : 61.18 lm/W Fe = 4.2777 W

Flux of emitted photons(umol/s):2.0817 Fluo. and blue light ratio:11.02 Fluorescent eff.:23.29

Electrical parameters

V = 24.00 V I = 0.7019 A P = 16.84 W PF = 1.000

YUJILEDS

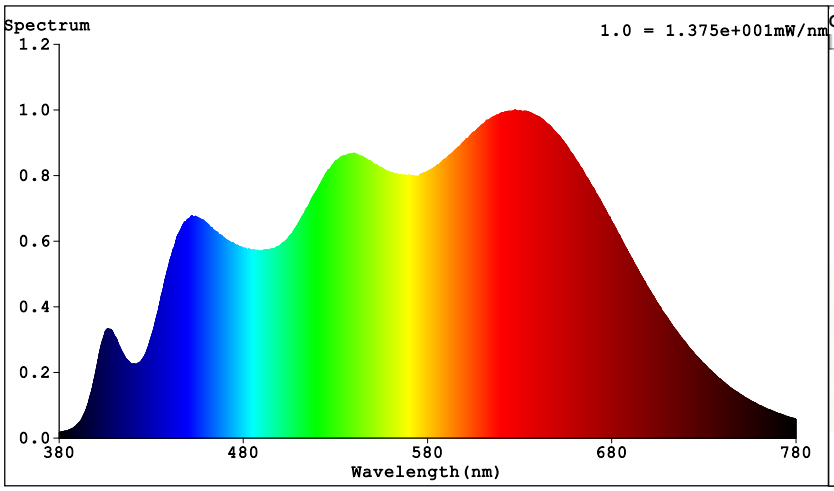
Spectrum Test Report

Sample	:	Date	: 2020-08-12 11:19:05
Specification	:	Sam. Status	:
Sample No.	: #1	Instrument	: HaasSuite(EVERFINE)
Manufacturer	:	Test by	: L

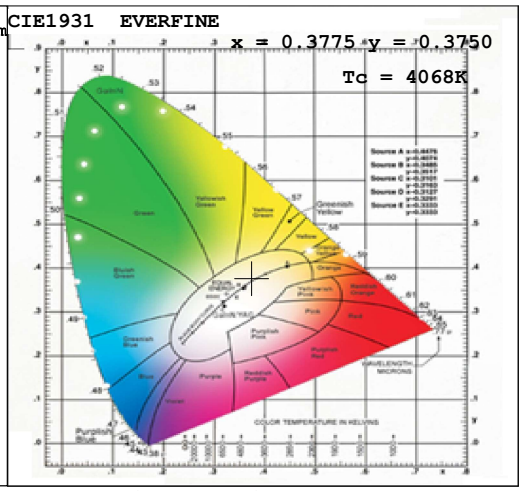
Test Condition

Temprature	: Deg	RH	: %
WL Range	: 380nm-780nm	IP	: 56094 (86%)
Test Mode	: Fast Test	T	: 497 ms
		Delicacy	: Low

Spectrum



Spectral Distribution



CIE1931 Chromaticity Diagram

Colorimetric Quantities

Chromaticity Coordinate: x = 0.3775 y = 0.3750 / u' = 0.2239 v' = 0.5004 (duv=1.84e-05)

Tc= 4068K Prcp WL: λd=578.8nm Purity=25.8%

Peak WL: λp=627nm Half Width:Δλp=257.2nm Ratio:R=21.8% G=73.9% B=4.3%

Render Index: Ra = 98.3

R1 =98	R2 =100	R3 =95	R4 =98	R5 =99	R6 =98	R7 =99
R8 =99	R9 =99	R10=96	R11=97	R12=89	R13=98	R14=96	R15=98

Photometric & Radiometric Quantities

Flux = 801.86 lm Eff. : 51.29 lm/W Fe = 3.0815 W

Electrical parameters

V = 24.00 V I = 0.6515 A P = 15.63 W PF = 1.000

EVERFINE

http://www.everfine.cn

YUJILEDS

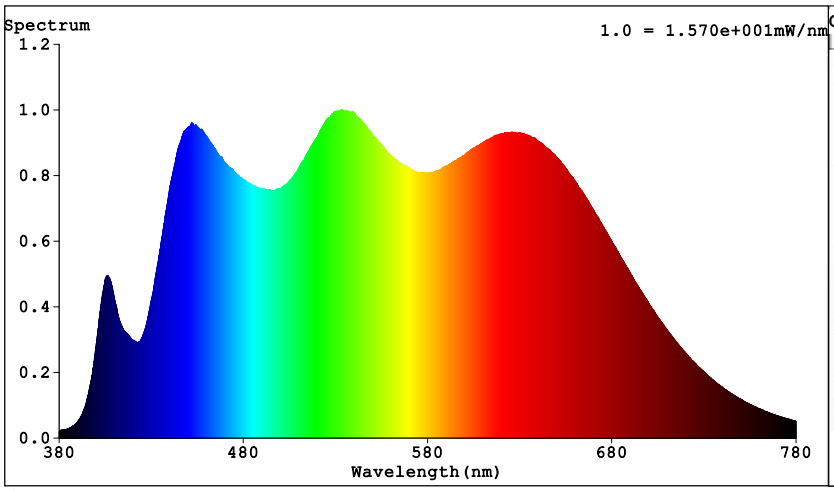
Spectrum Test Report

Sample	:	Date	: 2020-01-15 13:00:18
Specification	:	Sam. Status	:
Sample No.	: #1	Instrument	: HaasSuite(EVERFINE)
Manufacturer	:	Test by	: L

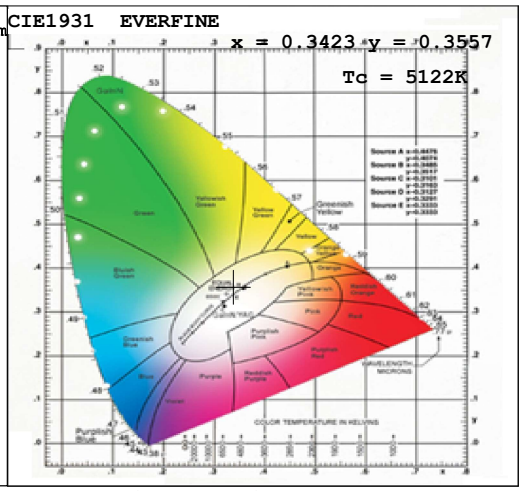
Test Condition

Temprature	: Deg	RH	: %
WL Range	: 380nm-780nm	IP	: 58391 (89%)
Test Mode	: Fast Test	T	: 410 ms
		Delicacy	: Low

Spectrum



Spectral Distribution



CIE1931 Chromaticity Diagram

Colorimetric Quantities

Chromaticity Coordinate: x = 0.3423 y = 0.3557 / u' = 0.2079 v' = 0.4862 (duv=3.18e-03)

Tc= 5122K Prcp WL: λd=567.7nm Purity=9.4%

Peak WL: λp=533nm Half Width:Δλp=257.8nm Ratio:R=19.1% G=75.5% B=5.5%

Render Index: Ra = 98.0

R1 =98	R2 =100	R3 =95	R4 =97	R5 =99	R6 =99	R7 =99	
R8 =98	R9 =95	R10=97	R11=96	R12=91	R13=98	R14=97	R15=98

Photometric & Radiometric Quantities

Flux = 1007.7 lm Eff. : 55.98 lm/W Fe = 3.9038 W

Flux of emitted photons(umol/s):1.8354 Fluo. and blue light ratio:2.758 Fluorescent eff.:15.92

Electrical parameters

V = 24.00 V I = 0.7501 A P = 18.00 W PF = 1.000

YUJILEDS

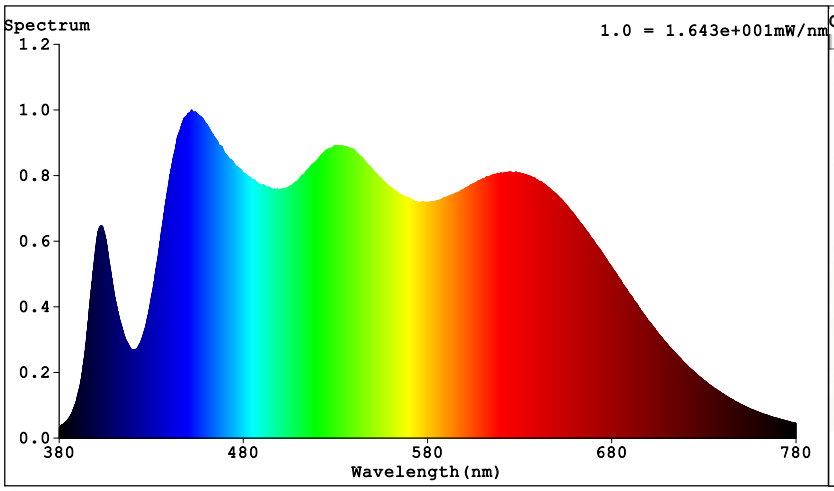
Spectrum Test Report

Sample	:	Date	: 2020-06-30 16:06:16
Specification	:	Sam. Status	:
Sample No.	: #1	Instrument	: HaasSuite(EVERFINE)
Manufacturer	:	Test by	: L

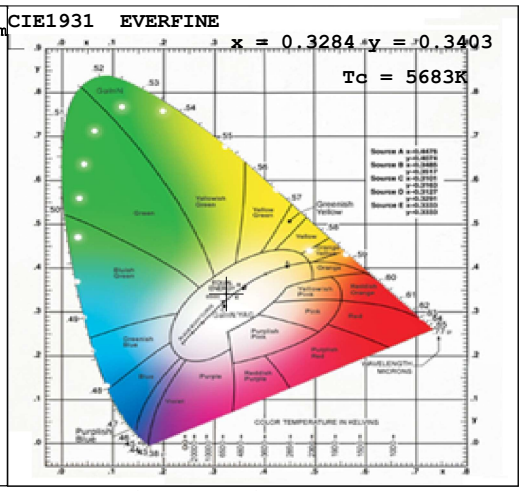
Test Condition

Temprature	: Deg	RH	: %
WL Range	: 380nm-780nm	IP	: 54343 (83%)
Test Mode	: Fast Test	T	: 427 ms
		Delicacy	: Low

Spectrum



Spectral Distribution



CIE1931 Chromaticity Diagram

Colorimetric Quantities

Chromaticity Coordinate: x = 0.3284 y = 0.3403 / u' = 0.2044 v' = 0.4765 (duv=1.44e-03)

Tc= 5683K Prcp WL: λd=511.3nm Purity=1.6%

Peak WL: λp=452nm Half Width:Δλp=250.3nm Ratio:R=18.5% G=75.3% B=6.2%

Render Index: Ra = 96.4

R1 =95	R2 =98	R3 =97	R4 =96	R5 =96	R6 =97	R7 =98	
R8 =95	R9 =85	R10=97	R11=94	R12=92	R13=95	R14=98	R15=94

Photometric & Radiometric Quantities

Flux = 948.77 lm Eff. : 56.87 lm/W Fe = 3.8355 W

Flux of emitted photons(umol/s):1.7778 Fluo. and blue light ratio:2.142 Fluorescent eff.:15.68

Electrical parameters

V = 24.00 V I = 0.6952 A P = 16.68 W PF = 1.000

YUJILEDS

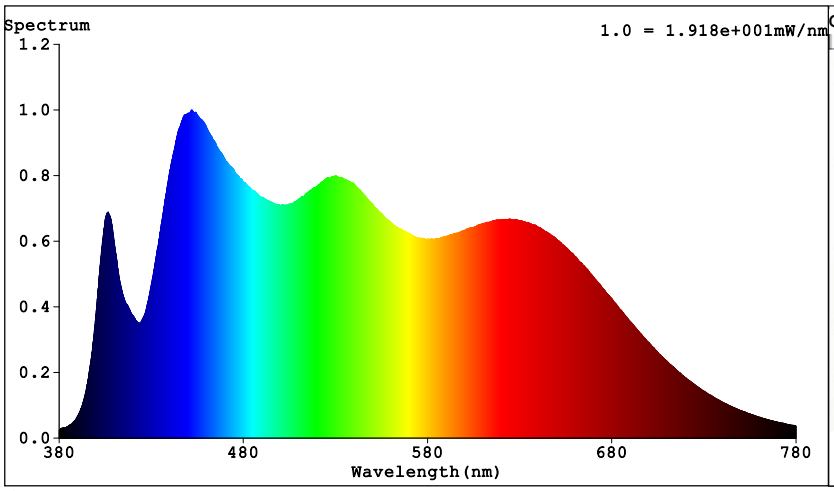
Spectrum Test Report

Sample	:	Date	: 2020-01-15 11:28:47
Specification	:	Sam. Status	:
Sample No.	: #1	Instrument	: HaasSuite(EVERFINE)
Manufacturer	:	Test by	: L

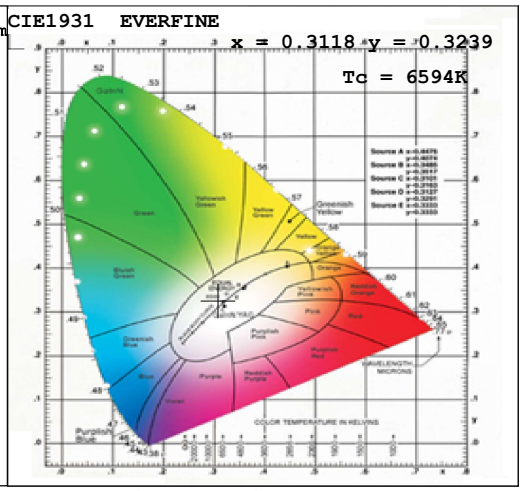
Test Condition

Temprature	: Deg	RH	: %
WL Range	: 380nm-780nm	IP	: 58061 (89%)
Test Mode	: Fast Test	T	: 422 ms
		Delicacy	: Low

Spectrum



Spectral Distribution



CIE1931 Chromaticity Diagram

Colorimetric Quantities

Chromaticity Coordinate: x = 0.3118 y = 0.3239 / u' = 0.1991 v' = 0.4655 (duv=1.03e-03)

Tc= 6594K Prcp WL: λd=485.9nm Purity=8.0%

Peak WL: λp=452nm Half Width:Δλp=237.6nm Ratio:R=17.5% G=75.5% B=6.9%

Render Index: Ra = 95.5

R1 =94	R2 =97	R3 =97	R4 =95	R5 =95	R6 =97	R7 =98	
R8 =93	R9 =78	R10=95	R11=93	R12=93	R13=94	R14=97	R15=92

Photometric & Radiometric Quantities

Flux = 965.23 lm Eff. : 54.29 lm/W Fe = 4.0025 W

Flux of emitted photons(umol/s):1.8321 Fluo. and blue light ratio:1.831 Fluorescent eff.:14.57

Electrical parameters

V = 24.00 V I = 0.7408 A P = 17.78 W PF = 1.000