YUJILEDS

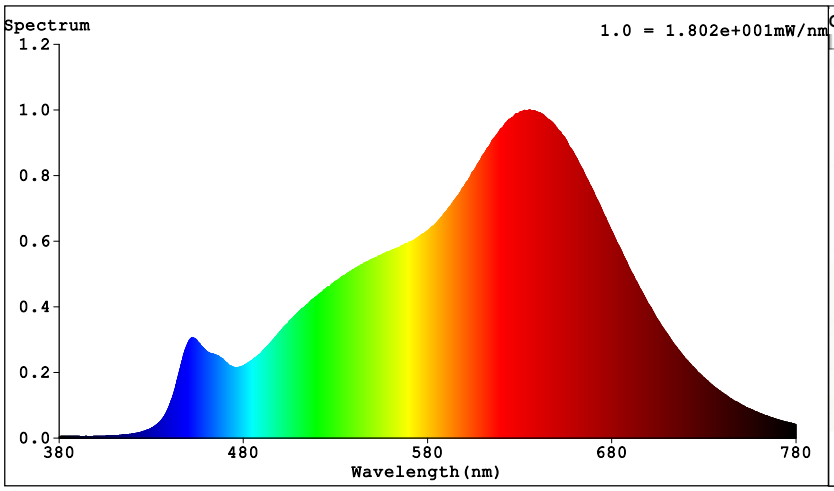
Spectrum Test Report

Sample	:	Date	: 2020-09-22 10:32:53
Specification	:	Sam. Status	:
Sample No.	: #1	Instrument	: HaasSuite(EVERFINE)
Manufacturer	:	Test by	: L

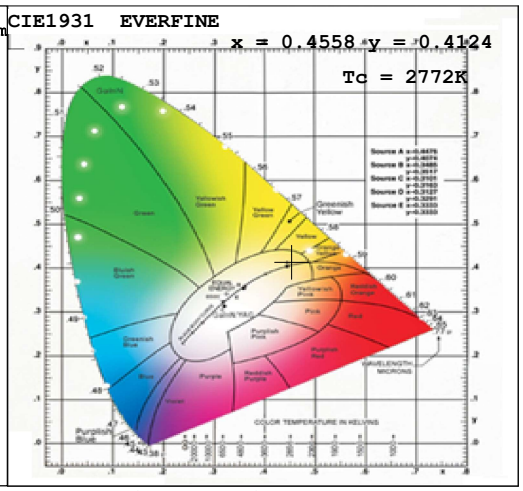
Test Condition

Temprature	: Deg	RH	: %
WL Range	: 380nm-780nm	IP	: 47510 (72%)
Test Mode	: Fast Test	T	: 56 ms
		Delicacy	: High

Spectrum



Spectral Distribution



CIE1931 Chromaticity Diagram

Colorimetric Quantities

Chromaticity Coordinate: x = 0.4558 y = 0.4124 / u' = 0.2591 v' = 0.5274 (duv=1.04e-03)

Tc= 2772K Prcp WL: λd=583.5nm Purity=60.6%

Peak WL: λp=635nm Half Width:Δλp=155.3nm Ratio:R=28.3% G=69.2% B=2.5%

Render Index: Ra = 97.8

R1 =98	R2 =99	R3 =97	R4 =98	R5 =98	R6 =97	R7 =98	
R8 =97	R9 =94	R10=99	R11=95	R12=88	R13=98	R14=97	R15=99

Photometric & Radiometric Quantities

Flux = 775.93 lm Eff. : 77.08 lm/W Fe = 2.9577 W

Flux of emitted photons(umol/s):1.4941 Fluo. and blue light ratio:15.67 Fluorescent eff.:27.62

Electrical parameters

V = 24.00 V I = 0.4195 A P = 10.07 W PF = 1.000

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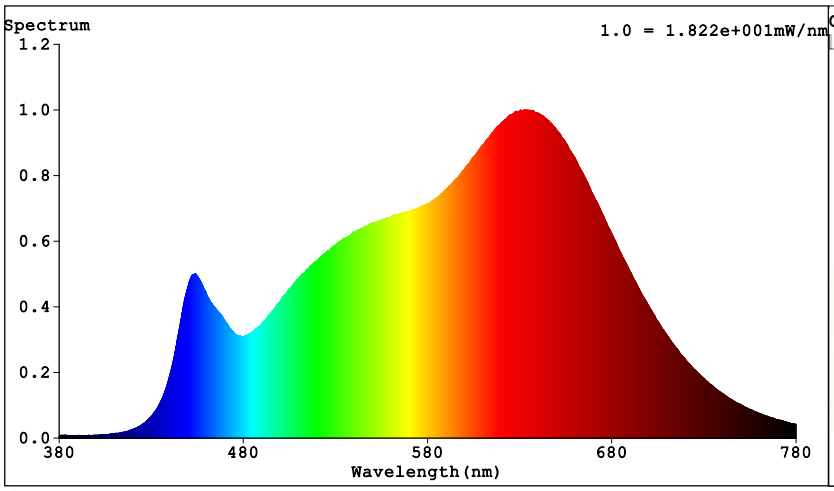
Spectrum Test Report

Sample	:	Date	: 2020-09-22 10:37:26
Specification	:	Sam. Status	:
Sample No.	: #3	Instrument	: HaasSuite(EVERFINE)
Manufacturer	:	Test by	: L

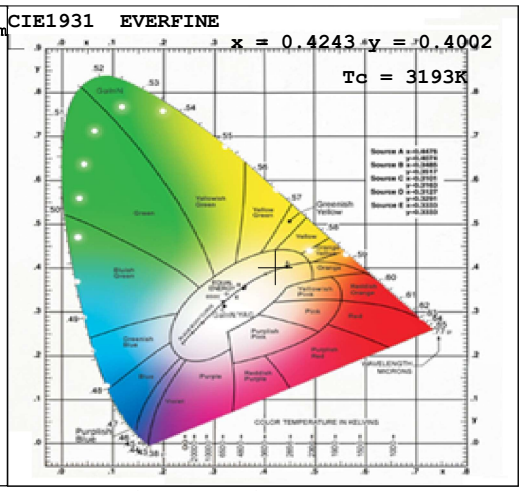
Test Condition

Temprature	: Deg	RH	: %
WL Range	: 380nm-780nm	IP	: 48188 (74%)
Test Mode	: Fast Test	T	: 56 ms
		Delicacy	: High

Spectrum



Spectral Distribution



CIE1931 Chromaticity Diagram

Colorimetric Quantities

Chromaticity Coordinate: x = 0.4243 y = 0.4002 / u' = 0.2440 v' = 0.5180 (duv=3.58e-04)

Tc= 3193K Prcp WL: λd=581.9nm Purity=47.5%

Peak WL: λp=633nm Half Width:Δλp=178.7nm Ratio:R=25.4% G=71.5% B=3.1%

Render Index: Ra = 98.4

R1 =99	R2 =100	R3 =97	R4 =99	R5 =99	R6 =98	R7 =98	
R8 =98	R9 =95	R10=98	R11=98	R12=84	R13=99	R14=97	R15=98

Photometric & Radiometric Quantities

Flux = 896.44 lm Eff. : 82.22 lm/W Fe = 3.3224 W

Flux of emitted photons(umol/s):1.6505 Fluo. and blue light ratio:9.525 Fluorescent eff.:27.59

Electrical parameters

V = 24.00 V I = 0.4543 A P = 10.90 W PF = 1.000

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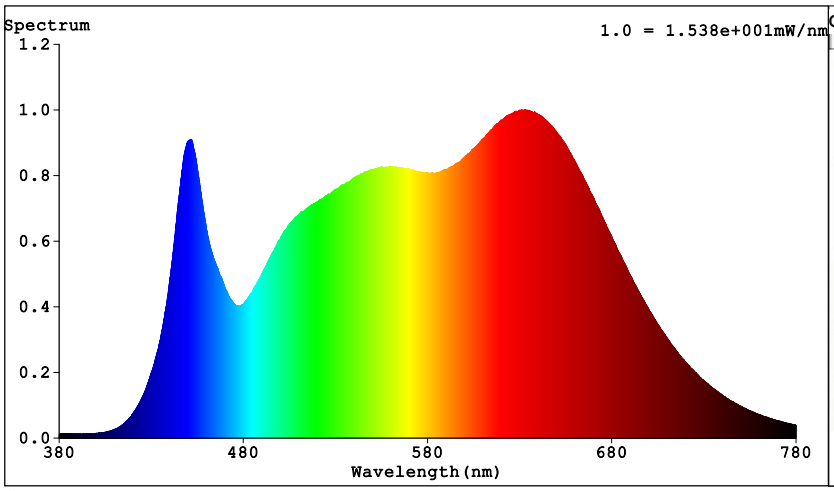
Spectrum Test Report

Sample	:	Date	: 2020-09-22 10:30:39
Specification	:	Sam. Status	:
Sample No.	: #4	Instrument	: HaasSuite(EVERFINE)
Manufacturer	:	Test by	: L

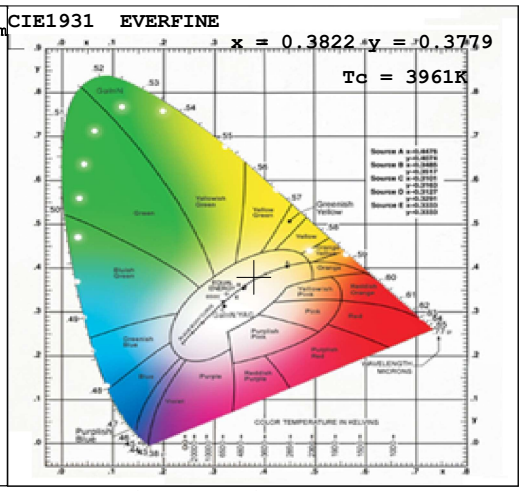
Test Condition

Temprature	: Deg	RH	: %
WL Range	: 380nm-780nm	IP	: 50846 (78%)
Test Mode	: Fast Test	T	: 70 ms
		Delicacy	: High

Spectrum



Spectral Distribution



CIE1931 Chromaticity Diagram

Colorimetric Quantities

Chromaticity Coordinate: x = 0.3822 y = 0.3779 / u' = 0.2258 v' = 0.5024 (duv=3.94e-05)

Tc= 3961K Prcp WL: λd=579.2nm Purity=28.1%

Peak WL: λp=633nm Half Width:Δλp=199.6nm Ratio:R=21.9% G=74.2% B=3.9%

Render Index: Ra = 97.9

R1 =99	R2 =98	R3 =95	R4 =98	R5 =99	R6 =96	R7 =99	
R8 =99	R9 =99	R10=94	R11=97	R12=81	R13=99	R14=96	R15=99

Photometric & Radiometric Quantities

Flux = 890.58 lm Eff. : 84.53 lm/W Fe = 3.2570 W

Flux of emitted photons(umol/s):1.5787 Fluo. and blue light ratio:6.226 Fluorescent eff.:26.64

Electrical parameters

V = 24.00 V I = 0.4390 A P = 10.54 W PF = 1.000

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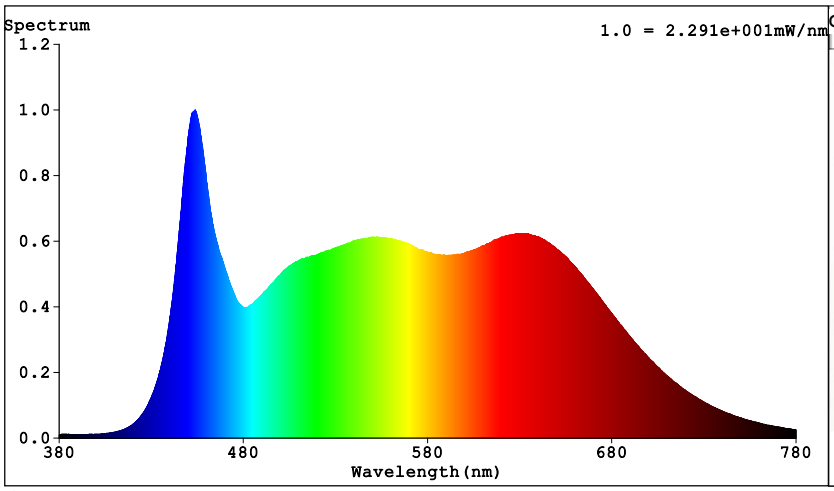
Spectrum Test Report

Sample	:	Date	: 2020-09-22 10:40:58
Specification	:	Sam. Status	:
Sample No.	: #1	Instrument	: HaasSuite(EVERFINE)
Manufacturer	:	Test by	: L

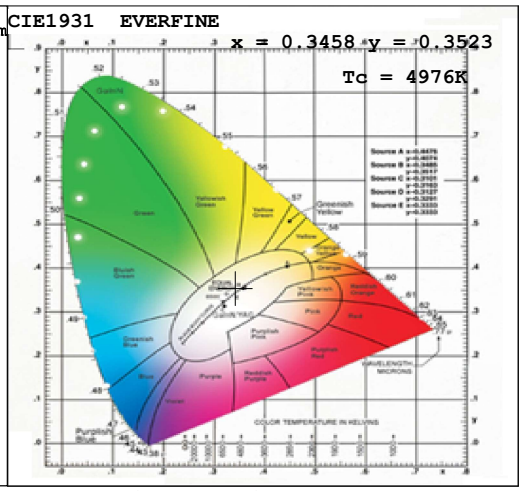
Test Condition

Temprature	: Deg	RH	: %
WL Range	: 380nm-780nm	IP	: 53091 (81%)
Test Mode	: Fast Test	T	: 68 ms
		Delicacy	: High

Spectrum



Spectral Distribution



CIE1931 Chromaticity Diagram

Colorimetric Quantities

Chromaticity Coordinate: x = 0.3458 y = 0.3523 / u' = 0.2116 v' = 0.4851 (duv=3.86e-05)

Tc= 4976K Prcp WL: λd=573.0nm Purity=9.5%

Peak WL: λp=454nm Half Width:Δλp=28.0nm Ratio:R=19.2% G=75.6% B=5.2%

Render Index: Ra = 97.1

R1 =98	R2 =100	R3 =97	R4 =96	R5 =96	R6 =95	R7 =97	
R8 =97	R9 =97	R10=97	R11=97	R12=71	R13=99	R14=98	R15=96

Photometric & Radiometric Quantities

Flux = 962.06 lm Eff. : 91.42 lm/W Fe = 3.5495 W

Flux of emitted photons(umol/s):1.6835 Fluo. and blue light ratio:4.162 Fluorescent eff.:27.20

Electrical parameters

V = 24.00 V I = 0.4385 A P = 10.52 W PF = 1.000

YUJILEDS

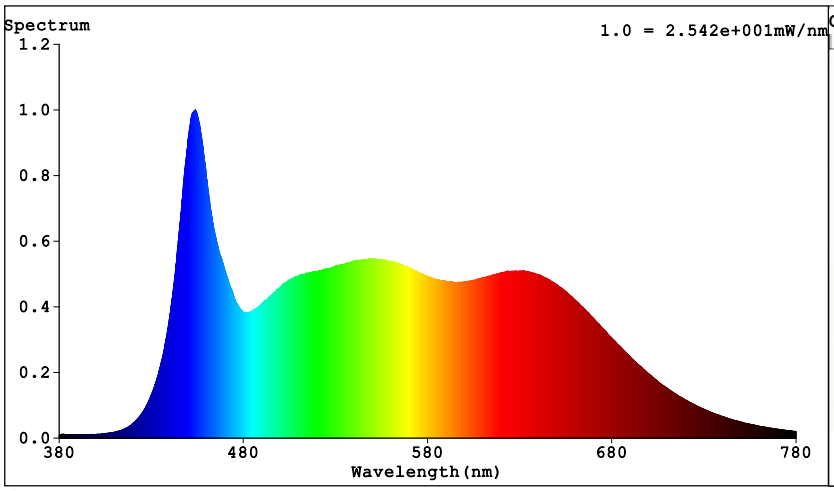
Spectrum Test Report

Sample	:	Date	: 2020-09-22 10:50:53
Specification	:	Sam. Status	:
Sample No.	: #1	Instrument	: HaasSuite(EVERFINE)
Manufacturer	:	Test by	: L

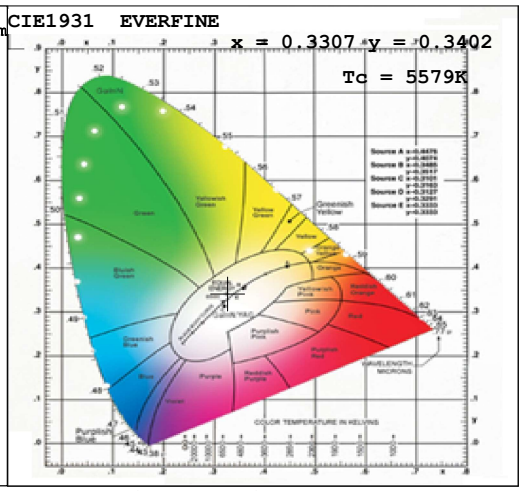
Test Condition

Temprature	: Deg	RH	: %
WL Range	: 380nm-780nm	IP	: 46894 (72%)
Test Mode	: Fast Test	T	: 54 ms
		Delicacy	: High

Spectrum



Spectral Distribution



CIE1931 Chromaticity Diagram

Colorimetric Quantities

Chromaticity Coordinate: x = 0.3307 y = 0.3402 / u' = 0.2060 v' = 0.4768 (duv=3.49e-04)

Tc= 5579K Prcp WL: λd=529.3nm Purity=1.4%

Peak WL: λp=454nm Half Width:Δλp=27.7nm Ratio:R=18.0% G=76.3% B=5.7%

Render Index: Ra = 97.3

R1 =98	R2 =99	R3 =96	R4 =98	R5 =97	R6 =95	R7 =98	
R8 =98	R9 =98	R10=96	R11=97	R12=75	R13=100	R14=98	R15=97

Photometric & Radiometric Quantities

Flux = 940.61 lm Eff. : 92.92 lm/W Fe = 3.4858 W

Flux of emitted photons(umol/s):1.6349 Fluo. and blue light ratio:3.460 Fluorescent eff.:26.72

Electrical parameters

V = 24.00 V I = 0.4218 A P = 10.12 W PF = 1.000

YUJILEDS

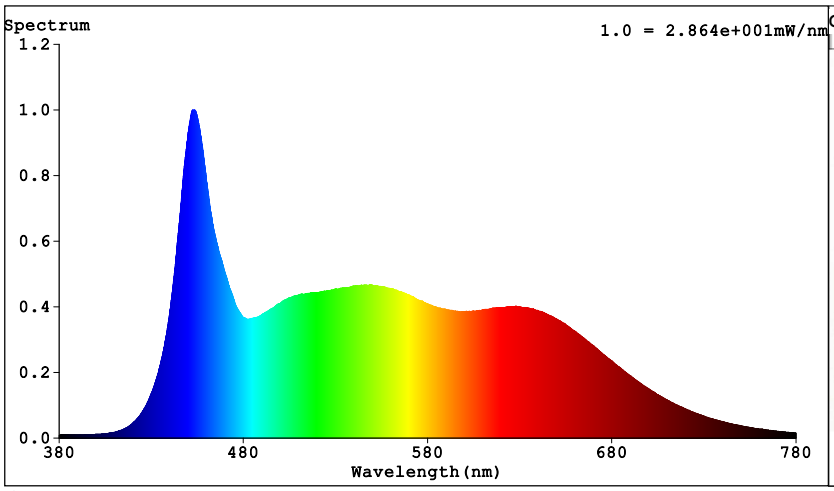
Spectrum Test Report

Sample	:	Date	: 2020-09-22 10:48:29
Specification	:	Sam. Status	:
Sample No.	: #5	Instrument	: HaasSuite(EVERFINE)
Manufacturer	:	Test by	: L

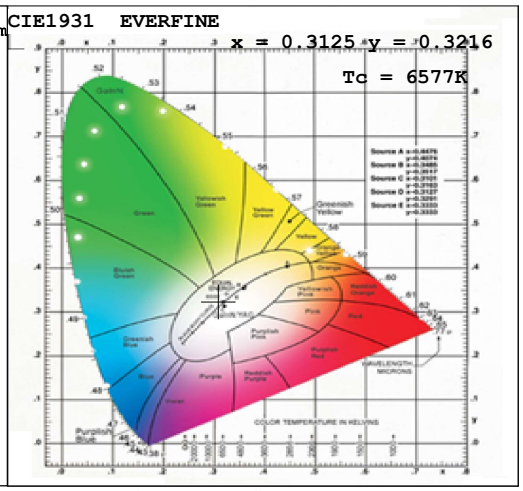
Test Condition

Temprature	: Deg	RH	: %
WL Range	: 380nm-780nm	IP	: 52647 (80%)
Test Mode	: Fast Test	T	: 54 ms
		Delicacy	: High

Spectrum



Spectral Distribution



CIE1931 Chromaticity Diagram

Colorimetric Quantities

Chromaticity Coordinate: x = 0.3125 y = 0.3216 / u' = 0.2005 v' = 0.4643 (duv=-5.51e-04)

Tc= 6577K Prcp WL: λd=484.1nm Purity=8.0%

Peak WL: λp=452nm Half Width:Δλp=27.8nm Ratio:R=16.9% G=76.6% B=6.5%

Render Index: Ra = 96.7

R1 =97	R2 =99	R3 =96	R4 =97	R5 =96	R6 =94	R7 =98	
R8 =97	R9 =94	R10=97	R11=98	R12=72	R13=99	R14=98	R15=95

Photometric & Radiometric Quantities

Flux = 897.52 lm Eff. : 90.78 lm/W Fe = 3.3942 W

Flux of emitted photons(umol/s):1.5699 Fluo. and blue light ratio:2.826 Fluorescent eff.:25.36

Electrical parameters

V = 24.00 V I = 0.4120 A P = 9.887 W PF = 1.000

EVERFINE

http://www.everfine.cn