YUJILEDS

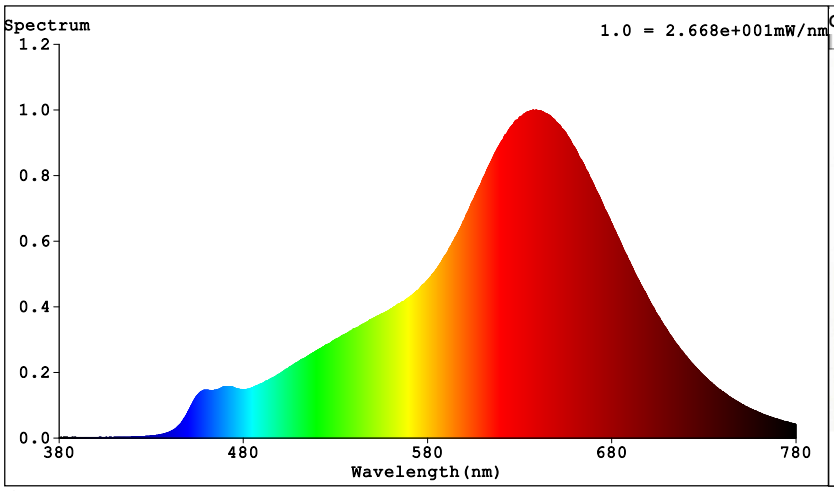
Spectrum Test Report

Sample	:	Date	: 2019-12-29 18:26:51
Specification	:	Sam. Status	:
Sample No.	: 22M-1#	Instrument	: HaasSuite(EVERFINE)
Manufacturer	:	Test by	: L

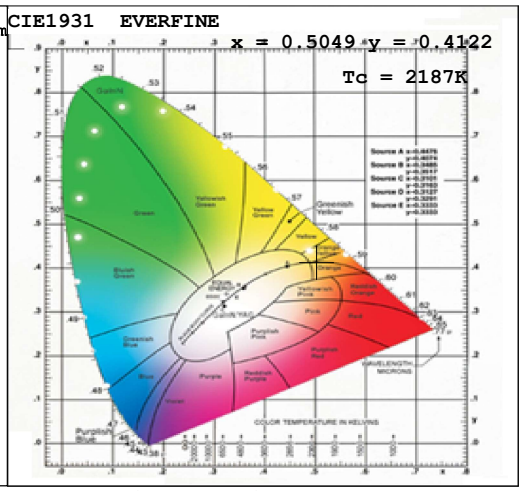
Test Condition

Temprature	: Deg	RH	: %
WL Range	: 380nm-780nm	IP	: 52383 (80%)
Test Mode	: Fast Test	T	: 233 ms
		Delicacy	: Low

Spectrum



Spectral Distribution



CIE1931 Chromaticity Diagram

Colorimetric Quantities

Chromaticity Coordinate: x = 0.5049 y = 0.4122 / u' = 0.2911 v' = 0.5348 (duv=-9.57e-04)

Tc= 2187K Prcp WL: λd=587.7nm Purity=75.3%

Peak WL: λp=637nm Half Width:Δλp=110.1nm Ratio:R=35.0% G=63.0% B=2.0%

Render Index: Ra = 94.1

R1 =94	R2 =95	R3 =98	R4 =94	R5 =93	R6 =88	R7 =95	
R8 =96	R9 =94	R10=90	R11=88	R12=79	R13=93	R14=99	R15=99

Photometric & Radiometric Quantities

Flux = 879.90 lm Eff. : 59.05 lm/W Fe = 3.7447 W

Flux of emitted photons(umol/s):1.9387 Fluo. and blue light ratio:27.53 Fluorescent eff.:24.25

Electrical parameters

V = 12.00 V I = 1.242 A P = 14.90 W PF = 1.000

YUJILEDS

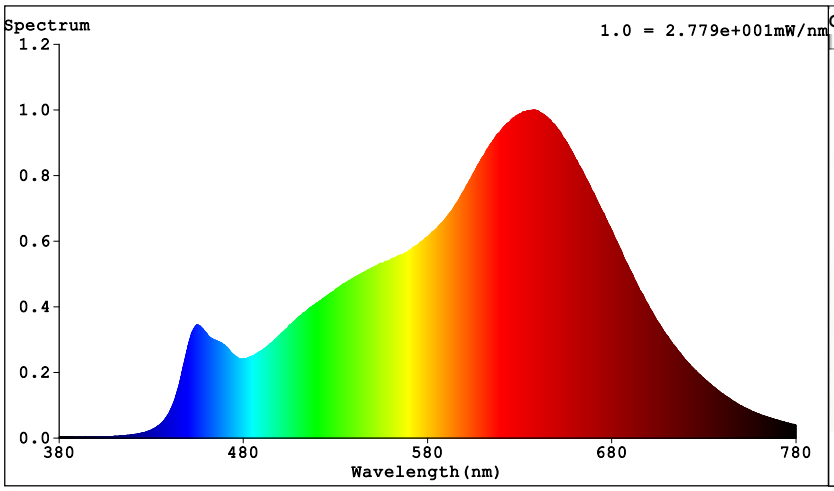
Spectrum Test Report

Sample	:	Date	: 2018-06-06 15:58:35
Specification	:	Sam. Status	:
Sample No.	: 1803001-灯条3	Instrument	: HaasSuite(EVERFINE)
Manufacturer	:	Test by	: L

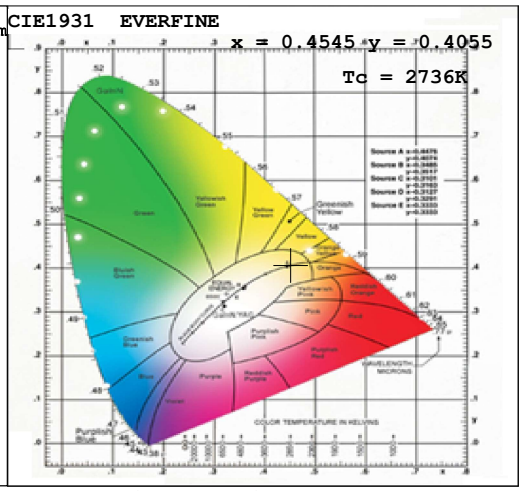
Test Condition

Temprature	: Deg	RH	: %
WL Range	: 380nm-780nm	IP	: 51729 (79%)
Test Mode	: Fast Test	T	: 208 ms
		Delicacy	: Low

Spectrum



Spectral Distribution



CIE1931 Chromaticity Diagram

Colorimetric Quantities

Chromaticity Coordinate: x = 0.4545 y = 0.4055 / u' = 0.2613 v' = 0.5246 (duv=-1.45e-03)

Tc= 2736K Prcp WL: λd=584.5nm Purity=58.1%

Peak WL: λp=638nm Half Width:Δλp=147.3nm Ratio:R=29.0% G=68.3% B=2.7%

Render Index: Ra = 96.4

R1 =96	R2 =97	R3 =99	R4 =97	R5 =96	R6 =93	R7 =97	
R8 =98	R9 =98	R10=95	R11=94	R12=86	R13=95	R14=98	R15=98

Photometric & Radiometric Quantities

Flux = 1162.1 lm Eff. : 65.24 lm/W Fe = 4.5076 W

Flux of emitted photons(umol/s):2.2764 Fluo. and blue light ratio:13.40 Fluorescent eff.:23.55

Electrical parameters

V = 12.00 V I = 1.485 A P = 17.81 W PF = 1.000

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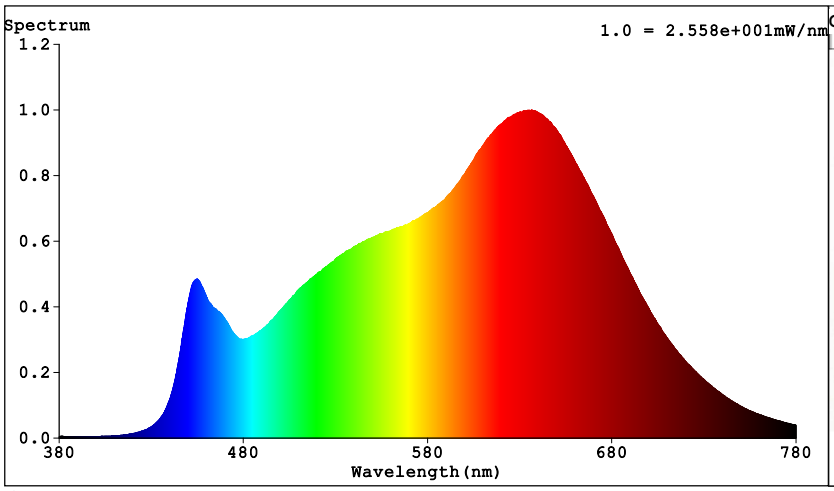
Spectrum Test Report

Sample	:	Date	: 2018-06-07 16:23:48
Specification	:	Sam. Status	:
Sample No.	: 1801064-灯条1	Instrument	: HaasSuite(EVERFINE)
Manufacturer	:	Test by	: L

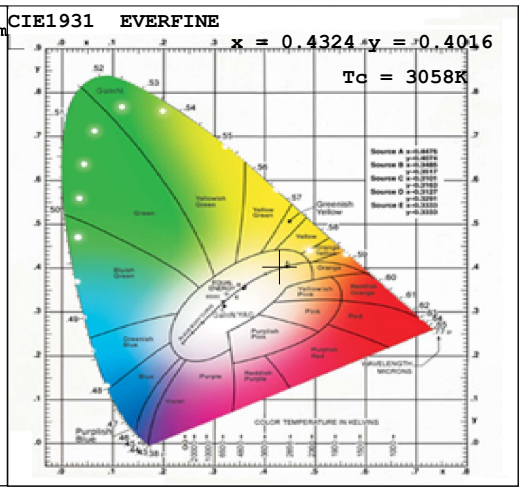
Test Condition

Temprature	: Deg	RH	: %
WL Range	: 380nm-780nm	IP	: 56206 (86%)
Test Mode	: Fast Test	T	: 245 ms
		Delicacy	: Low

Spectrum



Spectral Distribution



CIE1931 Chromaticity Diagram

Colorimetric Quantities

Chromaticity Coordinate: x = 0.4324 y = 0.4016 / u' = 0.2487 v' = 0.5197 (duv=-3.61e-04)

Tc= 3058K Prcp WL: λd=582.7nm Purity=50.3%

Peak WL: λp=637nm Half Width:Δλp=170.3nm Ratio:R=26.4% G=70.4% B=3.1%

Render Index: Ra = 97.5

R1 =97	R2 =98	R3 =99	R4 =98	R5 =98	R6 =96	R7 =97	
R8 =97	R9 =96	R10=98	R11=97	R12=84	R13=97	R14=98	R15=98

Photometric & Radiometric Quantities

Flux = 1202.9 lm Eff. : 69.44 lm/W Fe = 4.4969 W

Flux of emitted photons(umol/s):2.2435 Fluo. and blue light ratio:10.46 Fluorescent eff.:23.70

Electrical parameters

V = 12.00 V I = 1.444 A P = 17.32 W PF = 1.000

YUJILEDS

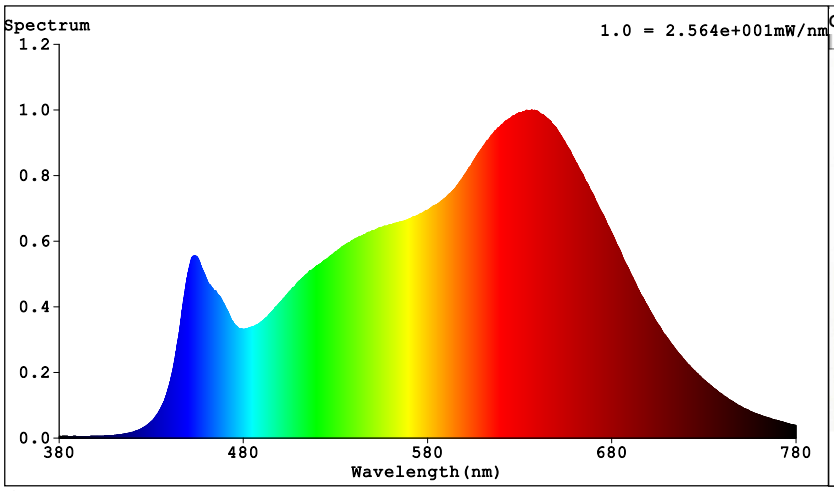
Spectrum Test Report

Sample	:	Date	: 2018-06-14 09:06:17
Specification	:	Sam. Status	:
Sample No.	: 1803004-灯条1	Instrument	: HaasSuite(EVERFINE)
Manufacturer	:	Test by	: L

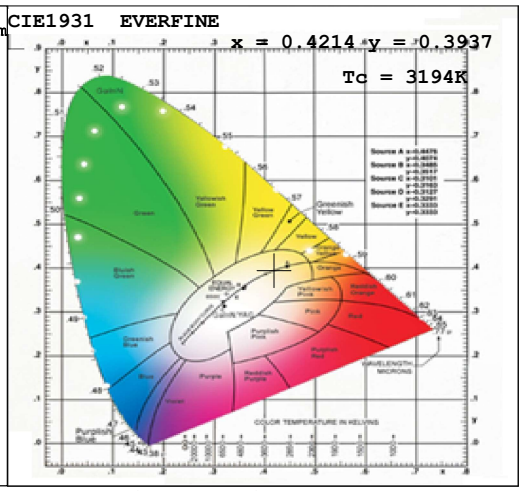
Test Condition

Temprature	: Deg	RH	: %
WL Range	: 380nm-780nm	IP	: 55384 (85%)
Test Mode	: Fast Test	T	: 241 ms
		Delicacy	: Low

Spectrum



Spectral Distribution



CIE1931 Chromaticity Diagram

Colorimetric Quantities

Chromaticity Coordinate: x = 0.4214 y = 0.3937 / u' = 0.2449 v' = 0.5149 (duv=-1.87e-03)

Tc= 3194K Prcp WL: λd=582.8nm Purity=44.6%

Peak WL: λp=637nm Half Width:Δλp=176.0nm Ratio:R=25.8% G=70.8% B=3.4%

Render Index: Ra = 97.2

R1 =96	R2 =97	R3 =99	R4 =98	R5 =97	R6 =95	R7 =97
R8 =98	R9 =97	R10=97	R11=96	R12=84	R13=96	R14=98	R15=97

Photometric & Radiometric Quantities

Flux = 1231.9 lm Eff. : 70.66 lm/W Fe = 4.6303 W

Flux of emitted photons(umol/s):2.2983 Fluo. and blue light ratio:8.952 Fluorescent eff.:23.90

Electrical parameters

V = 12.00 V I = 1.453 A P = 17.43 W PF = 1.000

YUJILEDS

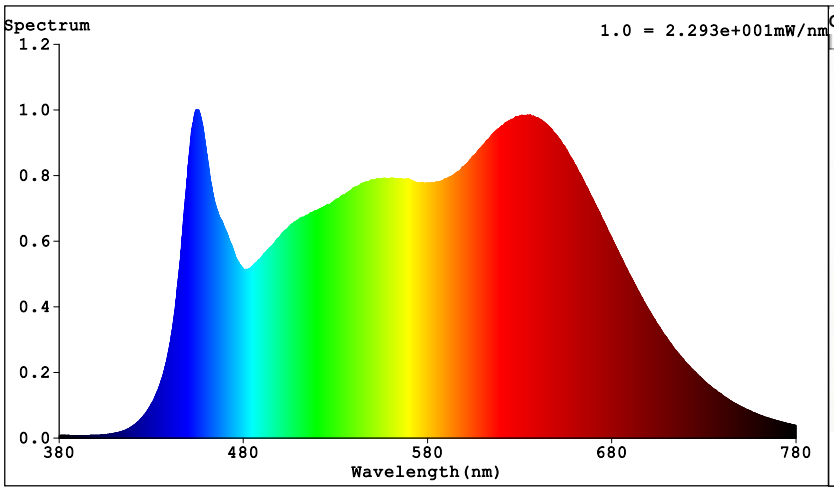
Spectrum Test Report

Sample	:	Date	: 2020-08-12 11:26:01
Specification	:	Sam. Status	:
Sample No.	: #1	Instrument	: HaasSuite(EVERFINE)
Manufacturer	:	Test by	: L

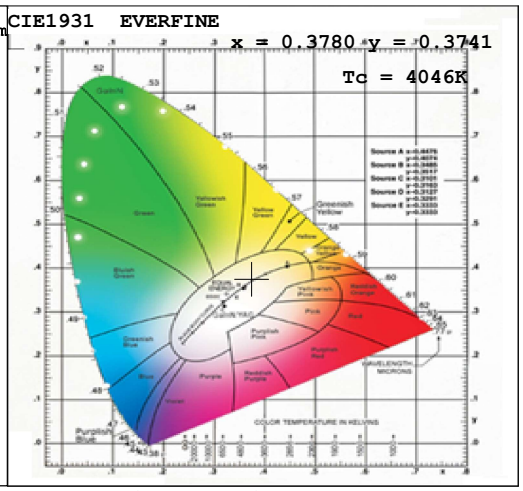
Test Condition

Temprature	: Deg	RH	: %
WL Range	: 380nm-780nm	IP	: 56205 (86%)
Test Mode	: Fast Test	T	: 304 ms
		Delicacy	: Low

Spectrum



Spectral Distribution



CIE1931 Chromaticity Diagram

Colorimetric Quantities

Chromaticity Coordinate: x = 0.3780 y = 0.3741 / u' = 0.2246 v' = 0.5000 (duv=-5.53e-04)

Tc= 4046K Prcp WL: λd=579.2nm Purity=25.7%

Peak WL: λp=456nm Half Width:Δλp=244.6nm Ratio:R=22.0% G=73.4% B=4.6%

Render Index: Ra = 96.6

R1 =96	R2 =97	R3 =99	R4 =97	R5 =96	R6 =96	R7 =96	
R8 =95	R9 =91	R10=96	R11=99	R12=78	R13=96	R14=99	R15=95

Photometric & Radiometric Quantities

Flux = 1261.2 lm Eff. : 71.51 lm/W Fe = 4.6817 W

Electrical parameters

V = 12.00 V I = 1.470 A P = 17.64 W PF = 1.000

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YUJILEDS

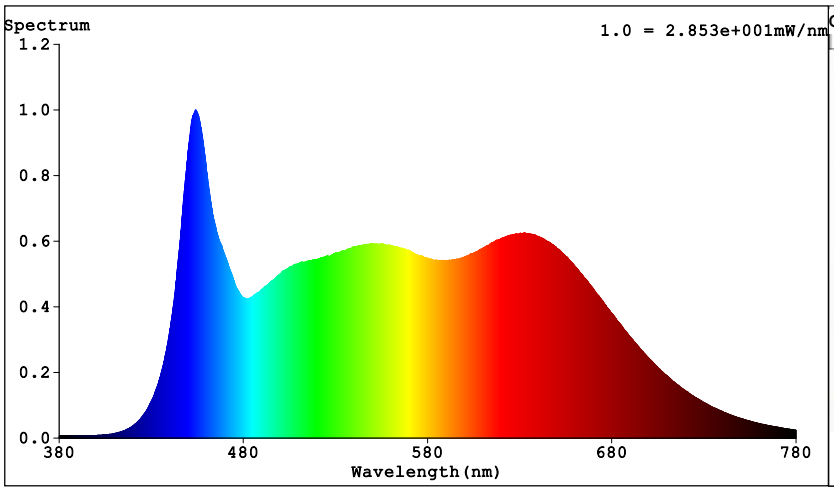
Spectrum Test Report

Sample	:	Date	: 2020-01-15 11:16:54
Specification	:	Sam. Status	:
Sample No.	: #1	Instrument	: HaasSuite(EVERFINE)
Manufacturer	:	Test by	: L

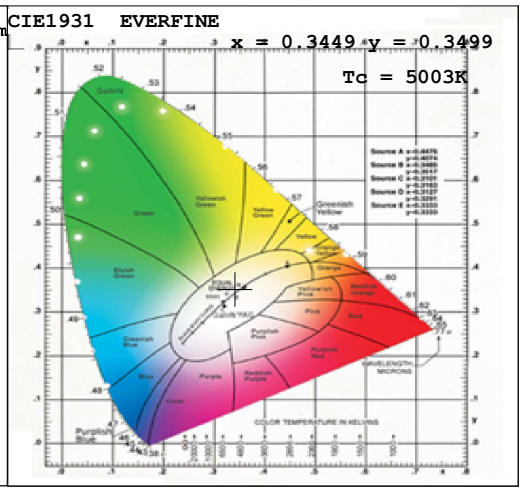
Test Condition

Temprature	: Deg	RH	: %
WL Range	: 380nm-780nm	IP	: 55510 (85%)
Test Mode	: Fast Test	T	: 309 ms
		Delicacy	: Low

Spectrum



Spectral Distribution



CIE1931 Chromaticity Diagram

Colorimetric Quantities

Chromaticity Coordinate: x = 0.3449 y = 0.3499 / u' = 0.2119 v' = 0.4838 (duv=-7.64e-04)

Tc= 5003K Prcp WL: λd=573.7nm Purity=8.5%

Peak WL: λp=454nm Half Width:Δλp=29.7nm Ratio:R=19.5% G=75.0% B=5.5%

Render Index: Ra = 97.1

R1 =97	R2 =98	R3 =98	R4 =98	R5 =97	R6 =96	R7 =98	
R8 =96	R9 =90	R10=97	R11=98	R12=79	R13=97	R14=98	R15=95

Photometric & Radiometric Quantities

Flux = 1171.6 lm Eff. : 77.43 lm/W Fe = 4.3723 W

Flux of emitted photons(umol/s):2.0746 Fluo. and blue light ratio:4.011 Fluorescent eff.:23.14

Electrical parameters

V = 12.00 V I = 1.261 A P = 15.13 W PF = 1.000

YUJILEDS

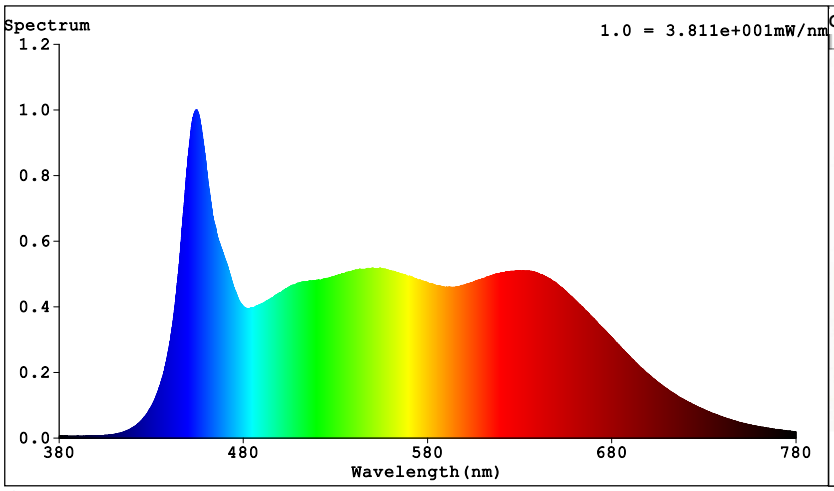
Spectrum Test Report

Sample	:	Date	: 2018-05-02 11:18:55
Specification	:	Sam. Status	:
Sample No.	: 灯条-9	Instrument	: HaasSuite(EVERFINE)
Manufacturer	:	Test by	: L

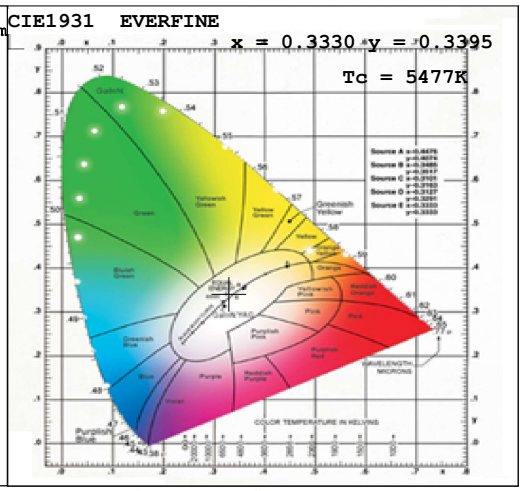
Test Condition

Temprature	: Deg	RH	: %
WL Range	: 380nm-780nm	IP	: 58946 (90%)
Test Mode	: Fast Test	T	: 234 ms
		Delicacy	: Low

Spectrum



Spectral Distribution



CIE1931 Chromaticity Diagram

Colorimetric Quantities

Chromaticity Coordinate: x = 0.3330 y = 0.3395 / u' = 0.2078 v' = 0.4768 (duv=-1.04e-03)

Tc= 5477K Prcp WL: λd=551.4nm Purity=1.8%

Peak WL: λp=454nm Half Width:Δλp=28.0nm Ratio:R=18.7% G=75.4% B=6.0%

Render Index: Ra = 96.4

R1 =96	R2 =97	R3 =98	R4 =97	R5 =96	R6 =95	R7 =96	
R8 =96	R9 =89	R10=97	R11=98	R12=75	R13=97	R14=99	R15=94

Photometric & Radiometric Quantities

Flux = 1357.6 lm Eff. : 81.10 lm/W Fe = 5.0805 W

Flux of emitted photons(umol/s):2.3892 Fluo. and blue light ratio:3.476 Fluorescent eff.:23.58

Electrical parameters

V = 12.00 V I = 1.395 A P = 16.74 W PF = 1.000

YUJILEDS

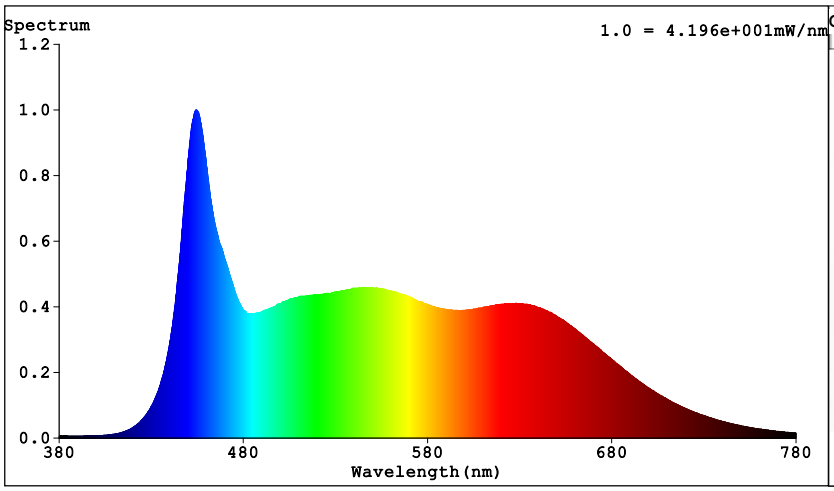
Spectrum Test Report

Sample	:	Date	: 2020-08-12 11:21:19
Specification	:	Sam. Status	:
Sample No.	: #1	Instrument	: HaasSuite(EVERFINE)
Manufacturer	:	Test by	: L

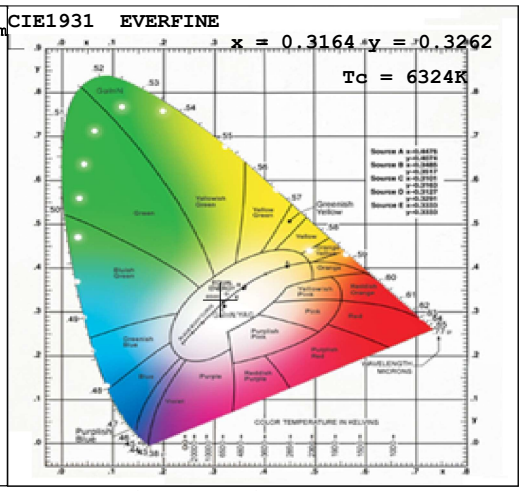
Test Condition

Temprature	: Deg	RH	: %
WL Range	: 380nm-780nm	IP	: 56312 (86%)
Test Mode	: Fast Test	T	: 220 ms
		Delicacy	: Low

Spectrum



Spectral Distribution



CIE1931 Chromaticity Diagram

Colorimetric Quantities

Chromaticity Coordinate: x = 0.3164 y = 0.3262 / u' = 0.2014 v' = 0.4674 (duv=-9.16e-05)

Tc= 6324K Prcp WL: λd=486.1nm Purity=6.3%

Peak WL: λp=454nm Half Width:Δλp=27.9nm Ratio:R=17.3% G=76.0% B=6.6%

Render Index: Ra = 95.8

R1 =96	R2 =97	R3 =98	R4 =95	R5 =95	R6 =95	R7 =95	
R8 =95	R9 =90	R10=97	R11=97	R12=72	R13=97	R14=99	R15=93

Photometric & Radiometric Quantities

Flux = 1276.3 lm Eff. : 76.22 lm/W Fe = 4.8121 W

Electrical parameters

V = 12.00 V I = 1.396 A P = 16.74 W PF = 1.000

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