

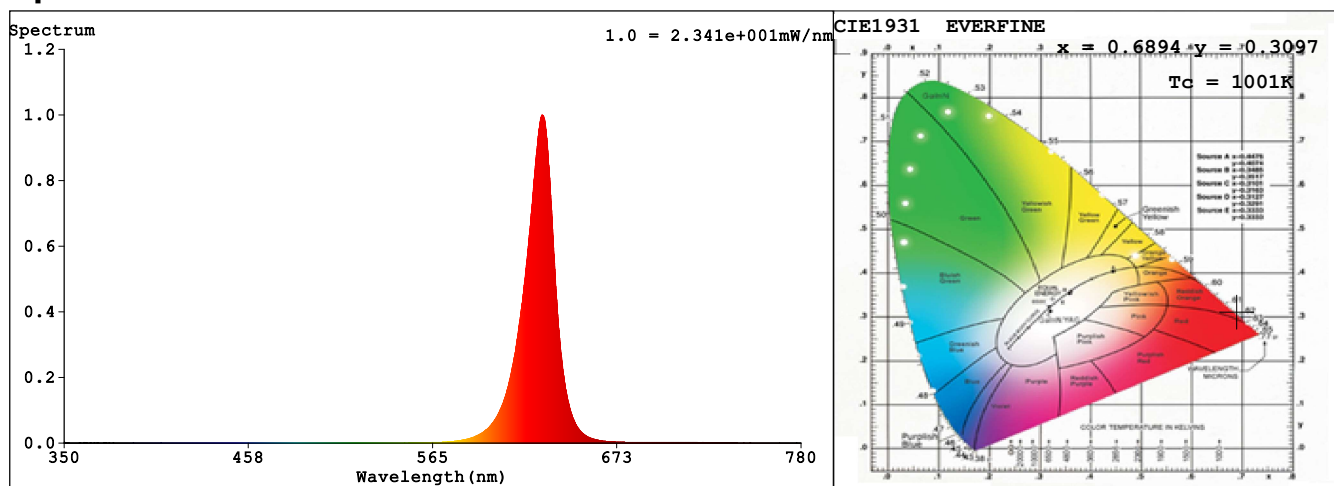
Spectrum Test Report

Sample	:	Date	:	2020-06-11 09:00:17
Specification	:	Sam. Status	:	
Sample No.	:	Instrument	:	HaasSuite(EVERFINE)
Manufacturer	:	Test by	:	L

Test Condition

Temperature	:	Deg	RH	:	%
WL Range	:	350nm-780nm	IP	:	51130 (78%)
Test Mode	:	Fast Test	T	:	266 ms
			Delicacy	:	Low

Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Quantities

Chromaticity Coordinate: $x = 0.6894$ $y = 0.3097$ / $u' = 0.5166$ $v' = 0.5222$ ($duv = -6.90e-02$)
 $T_c = 1001K$ Prcp WL: $\lambda_d = 619.4nm$ Purity=99.8%
 Peak WL: $\lambda_p = 629nm$ Half Width: $\Delta\lambda_p = 17.7nm$ Ratio: R=95.0% G=4.9% B=0.0%

Render Index: $R_a = 29.2$

R1 =12	R2 =79	R3 =34	R4 =0	R5 =7	R6 =91	R7 =10	
R8 =0	R9 =0	R10=73	R11=0	R12=78	R13=33	R14=62	R15=0

Photometric & Radiometric Quantities

Flux = 109.23 lm Eff. : 24.79 lm/W Fe = 505.18 mW

Electrical parameters

V = 12.00 V I = 0.3673 A P = 4.407 W PF = 1.000

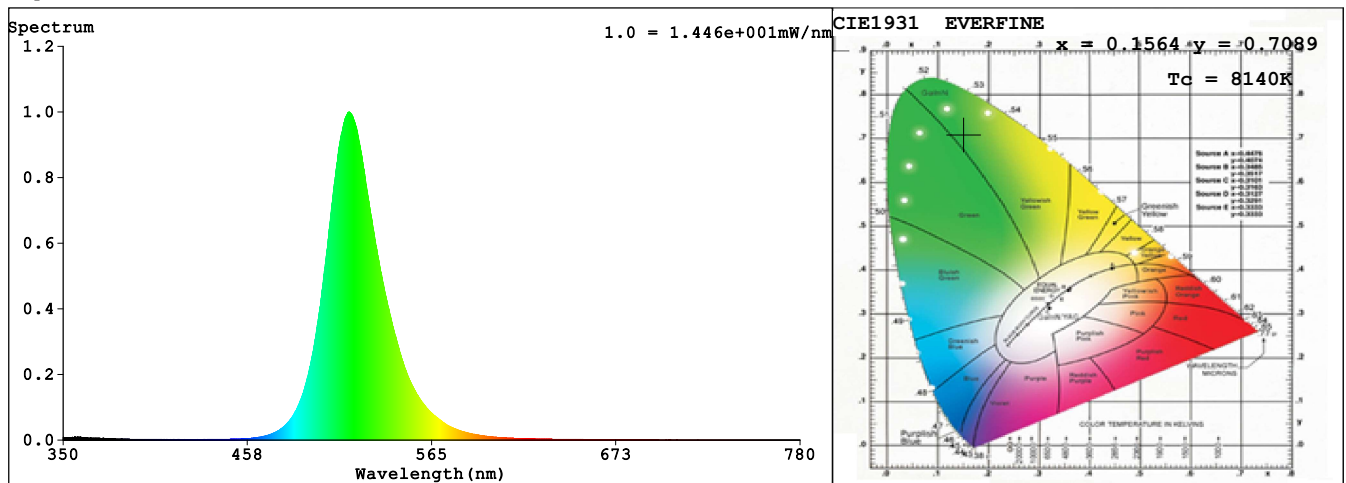
Spectrum Test Report

Sample :	Date :	2020-06-11 09:00:59
Specification :	Sam. Status :	
Sample No. : G	Instrument :	HaasSuite(EVERFINE)
Manufacturer :	Test by :	L

Test Condition

Temperature : Deg	RH : %
WL Range : 350nm-780nm	IP : 56684 (86%)
Test Mode : Fast Test	T : 471 ms
	Delicacy : Low

Spectrum



Colorimetric Quantities

Chromaticity Coordinate: $x = 0.1564$ $y = 0.7089$ / $u' = 0.0559$ $v' = 0.5700$ ($duv=1.59e-01$)
 $T_c = 8140K$ Prcp WL: $\lambda_d = 523.1nm$ Purity=75.4%
 Peak WL: $\lambda_p = 517nm$ Half Width: $\Delta\lambda_p = 33.7nm$ Ratio: R=0.4% G=97.3% B=2.3%

Render Index: $R_a = 0.0$

R1 =0	R2 =0	R3 =0	R4 =0	R5 =0	R6 =0	R7 =0
R8 =0	R9 =0	R10=0	R11=0	R12=0	R13=0	R14=42 R15=0

Photometric & Radiometric Quantities

Flux = 264.52 lm Eff. : 56.33 lm/W Fe = 579.85 mW

Electrical parameters

V = 12.00 V I = 0.3914 A P = 4.696 W PF = 1.000

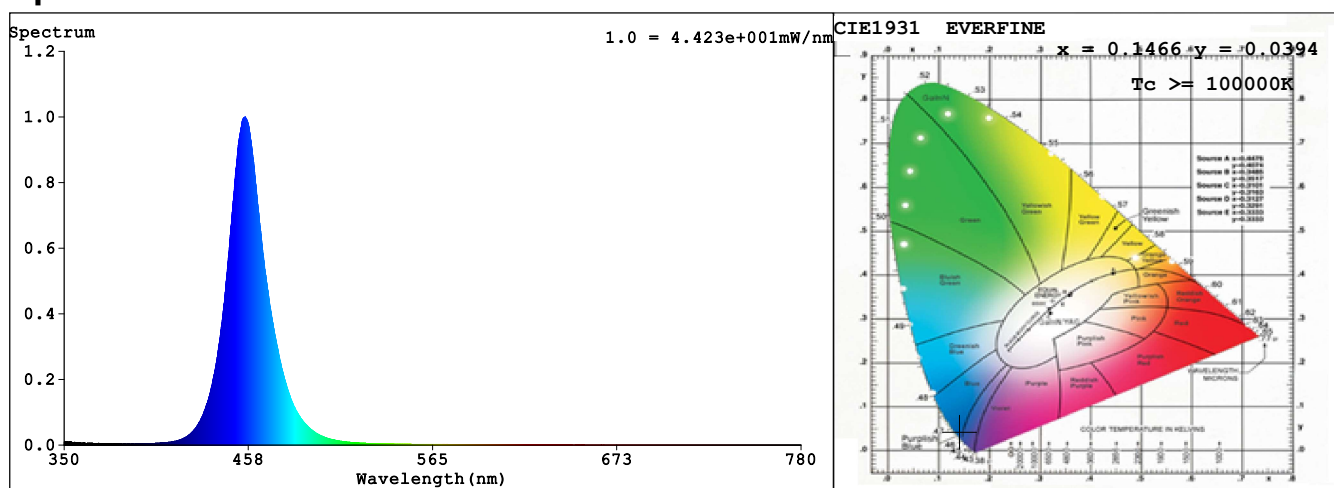
Spectrum Test Report

Sample :	Date :	2020-06-11 09:01:37
Specification :	Sam. Status :	
Sample No. : B	Instrument :	HaasSuite(EVERFINE)
Manufacturer :	Test by :	L

Test Condition

Temperature : Deg	RH : %
WL Range : 350nm-780nm	IP : 56882 (87%)
Test Mode : Fast Test	T : 209 ms
	Delicacy : Low

Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Quantities

Chromaticity Coordinate: $x = 0.1466$ $y = 0.0394$ / $u' = 0.1845$ $v' = 0.1115$ ($duv = -1.92e-01$)
 $T_c \geq 100000K$ Prcp WL: $\lambda_d = 461.3nm$ Purity=97.5%
 Peak WL: $\lambda_p = 456nm$ Half Width: $\Delta\lambda_p = 23.5nm$ Ratio: R=0.7% G=16.4% B=82.9%

Render Index: $R_a = 0.7$

R1 = 0	R2 = 0	R3 = 0	R4 = 0	R5 = 5	R6 = 0	R7 = 0	
R8 = 0	R9 = 0	R10 = 0	R11 = 0	R12 = 0	R13 = 0	R14 = 0	R15 = 7

Photometric & Radiometric Quantities

Flux = 62.652 lm Eff. : 14.12 lm/W Fe = 1.2736 W

Electrical parameters

V = 12.00 V I = 0.3697 A P = 4.436 W PF = 1.000

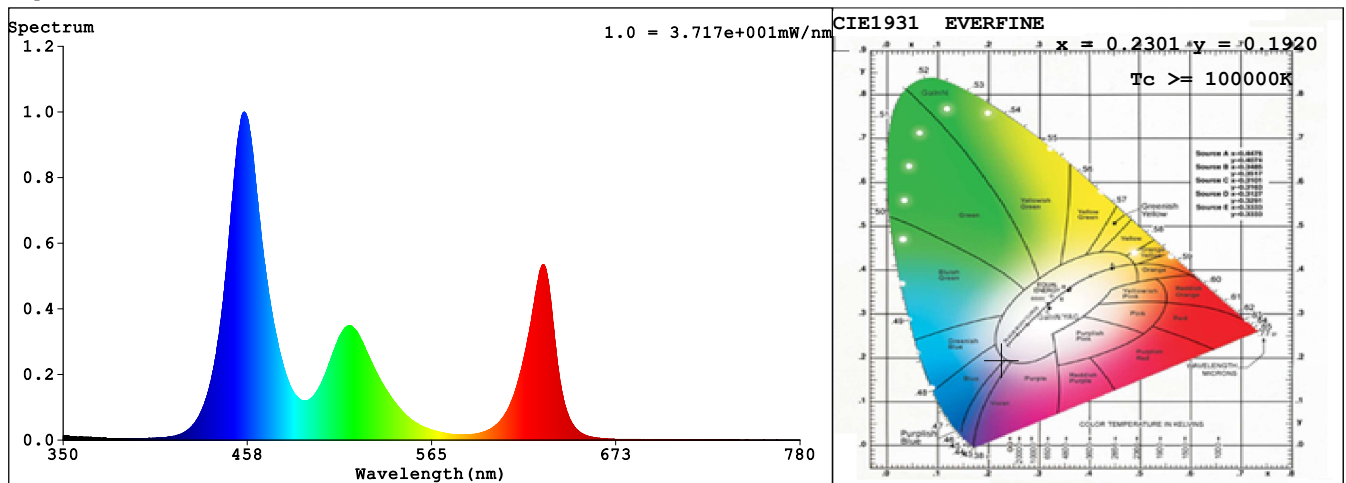
Spectrum Test Report

Sample	:	Date	: 2020-06-11 09:02:39
Specification	:	Sam. Status	:
Sample No.	: 合	Instrument	: HaasSuite(EVERFINE)
Manufacturer	:	Test by	: L

Test Condition

Temperature	: Deg	RH	: %
WL Range	: 350nm-780nm	IP	: 47954 (73%)
Test Mode	: Fast Test	T	: 209 ms
		Delicacy	: Low

Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Quantities

Chromaticity Coordinate: $x = 0.2301, y = 0.1920 / u' = 0.1900, v' = 0.3568$ (duv=-2.96e-02)

$T_c \geq 100000K$ Prcp WL: $\lambda_d = 468.6nm$ Purity=50.2%

Peak WL: $\lambda_p = 456nm$ Half Width: $\Delta\lambda_p = 23.7nm$ Ratio: R=23.4% G=63.5% B=13.2%

Render Index: Ra = 44.5

R1 =20	R2 =48	R3 =77	R4 =47	R5 =43	R6 =48	R7 =69	
R8 =4	R9 =0	R10=0	R11=27	R12=53	R13=22	R14=82	R15=0

Photometric & Radiometric Quantities

Flux = 377.23 lm Eff. : 28.38 lm/W Fe = 2.0160 W

Electrical parameters

V = 12.00 V I = 1.108 A P = 13.29 W PF = 1.000