

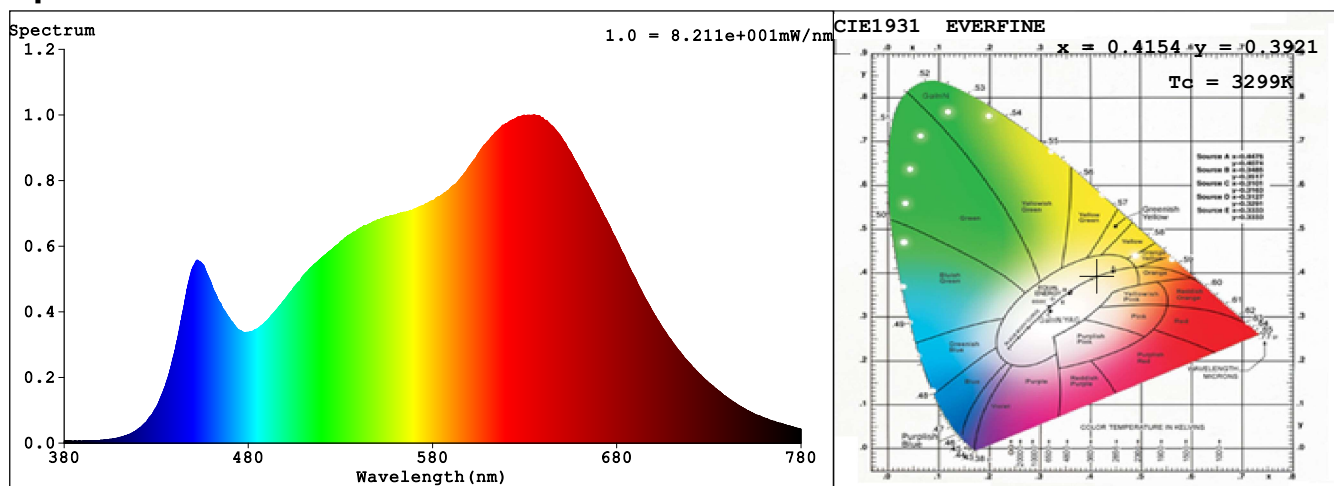
Spectrum Test Report

Sample	:	Date	:	2018-03-20 08:36:30
Specification	:	Sam. Status	:	
Sample No.	:	Instrument	:	HaasSuite(EVERFINE)
Manufacturer	:	Test by	:	L

Test Condition

Temperature	:	Deg	RH	:	%
WL Range	:	380nm-780nm	IP	:	58448 (89%)
Test Mode	:	Fast Test	T	:	79 ms
			Delicacy	:	Low

Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Quantities

Chromaticity Coordinate: $x = 0.4154$ $y = 0.3921$ / $u' = 0.2417$ $v' = 0.5133$ ($duv = -1.45e-03$)
 $T_c = 3299K$ Prcp WL: $\lambda_d = 582.2nm$ Purity=42.4%
 Peak WL: $\lambda_p = 635nm$ Half Width: $\Delta\lambda_p = 181.5nm$ Ratio: R=25.0% G=71.7% B=3.3%

Render Index: $R_a = 98.3$

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

LEVEL:OUT WHITE:ANSI_3500K

Photometric & Radiometric Quantities

Flux = 4170.4 lm Eff. : 40.44 lm/W Fe = 15.440 W

Electrical parameters

V = 25.78 V I = 4.000 A P = 103.1 W PF = 1.000

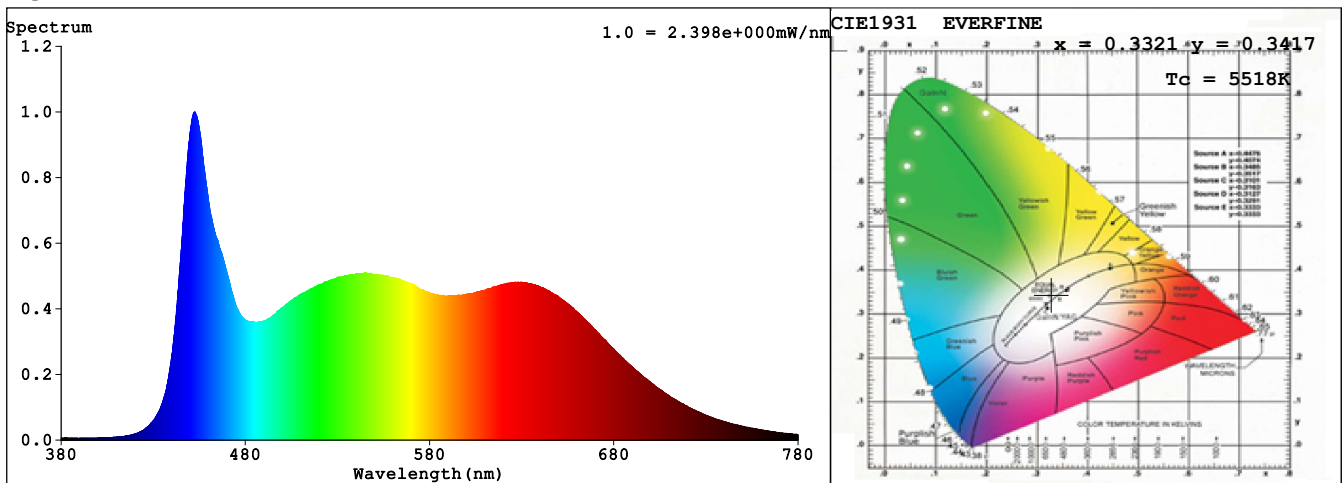
Spectrum Test Report

Sample :	Date :	2019-01-09 14:52:26
Specification :	Sam. Status :	
Sample No. : 1901001-001	Instrument :	HaasSuite(EVERFINE)
Manufacturer :	Test by :	L

Test Condition

Temperature : Deg	RH : %
WL Range : 380nm-780nm	IP : 39168 (60%)
Test Mode : Fast Test	T : 2700 ms
	Delicacy : Low

Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Quantities

Chromaticity Coordinate: $x = 0.3321$ $y = 0.3417$ / $u' = 0.2064$ $v' = 0.4778$ ($duv=5.16e-04$)

Tc= 5518K Prcp WL: $\lambda_d=546.3nm$ Purity=2.2%

Peak WL: $\lambda_p=453nm$ Half Width: $\Delta\lambda_p=26.4nm$ Ratio:R=18.3% G=76.0% B=5.7%

Render Index: Ra = 96.8

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

Photometric & Radiometric Quantities

Flux = 82.163 lm Eff. : 77.61 lm/W Fe = 301.49 mW

Flux of emitted photons($\mu mol/s$):0.14157 Fluo. and blue light ratio:3.298 Fluorescent eff.:21.86

Electrical parameters

V = 21.26 V I = 0.04980 A P = 1.059 W PF = 1.000