

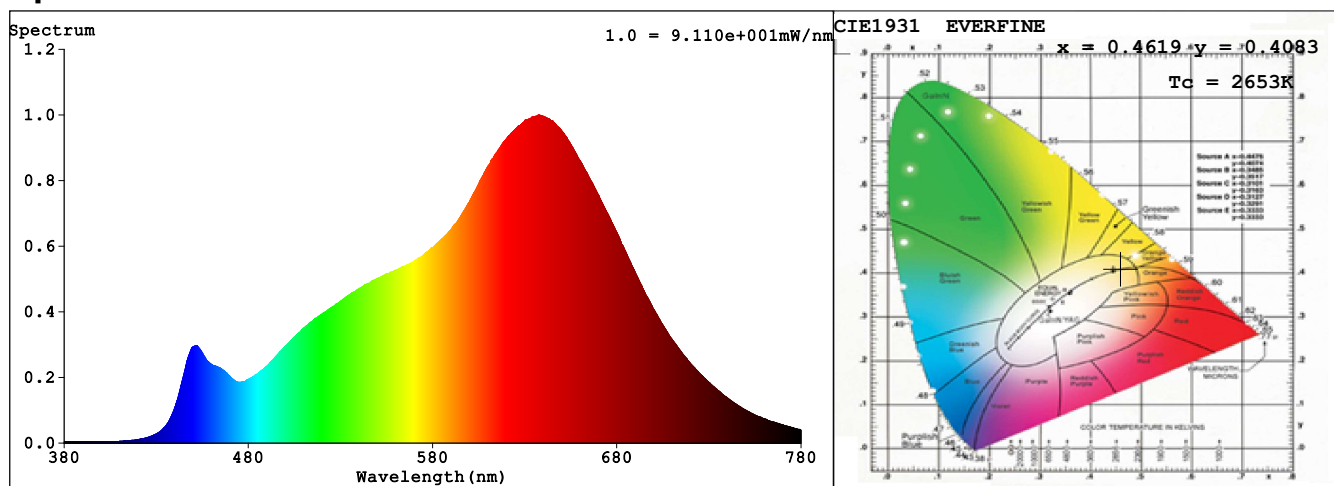
Spectrum Test Report

Sample	:	Date	: 2018-07-03 10:07:31
Specification	:	Sam. Status	:
Sample No.	: NC1806001-#4	Instrument	: HaasSuite(EVERFINE)
Manufacturer	:	Test by	: L

Test Condition

Temperature	: Deg	RH	: %
WL Range	: 380nm-780nm	IP	: 52749 (80%)
Test Mode	: Fast Test	T	: 65 ms
		Delicacy	: Low

Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Quantities

Chromaticity Coordinate: $x = 0.4619$ $y = 0.4083$ / $u' = 0.2649$ $v' = 0.5268$ ($duv = -1.03e-03$)
 $T_c = 2653K$ Prcp WL: $\lambda_d = 584.8nm$ Purity=61.2%
 Peak WL: $\lambda_p = 637nm$ Half Width: $\Delta\lambda_p = 142.2nm$ Ratio: R=29.6% G=68.0% B=2.4%

Render Index: $R_a = 97.2$

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

Photometric & Radiometric Quantities

Flux = 3688.6 lm Eff. : 61.74 lm/W $F_e = 14.436 W$
 Flux of emitted photons($\mu mol/s$):7.322 Flu. and blue light ratio:16.76 Fluorescent eff.:22.81

Electrical parameters

$V = 24.00 V$ $I = 2.489 A$ $P = 59.74 W$ PF = 1.000

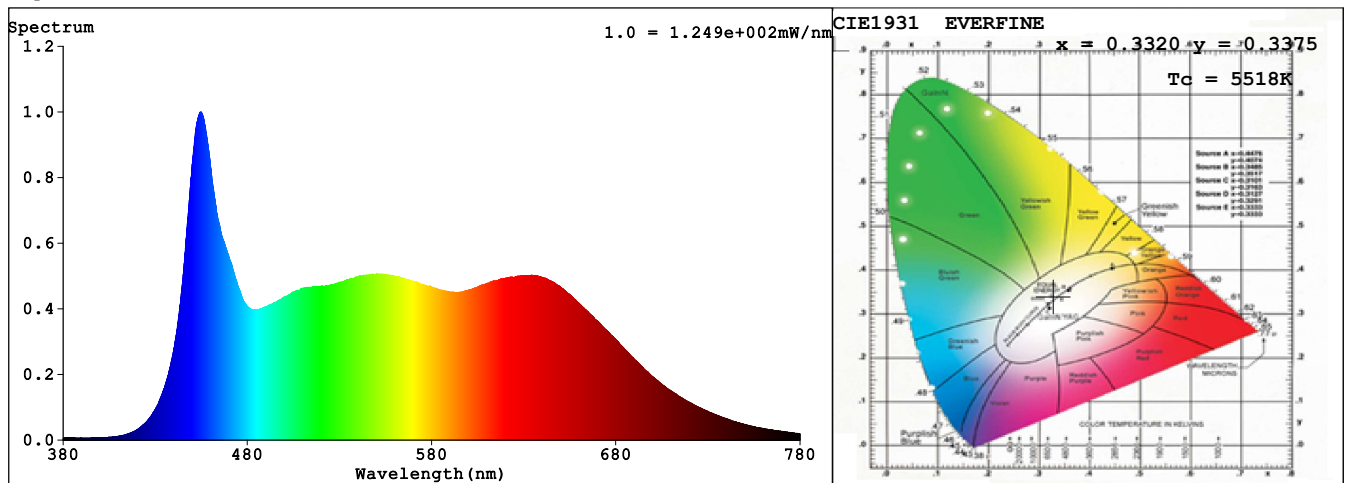
Spectrum Test Report

Sample	:	Date	:	2018-07-03 09:56:01
Specification	:	Sam. Status	:	
Sample No.	:	Instrument	:	HaasSuite(EVERFINE)
Manufacturer	:	Test by	:	L

Test Condition

Temperature	:	Deg	RH	:	%
WL Range	:	380nm-780nm	IP	:	53663 (82%)
Test Mode	:	Fast Test	T	:	65 ms
			Delicacy	:	Low

Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Quantities

Chromaticity Coordinate: $x = 0.3320$ $y = 0.3375$ / $u' = 0.2080$ $v' = 0.4756$ ($duv = -1.66e-03$)

$T_c = 5518K$ Prcp WL: $\lambda_d = 534.1nm$ Purity=0.9%

Peak WL: $\lambda_p = 455nm$ Half Width: $\Delta\lambda_p = 28.1nm$ Ratio: R=18.7% G=75.2% B=6.1%

Render Index: $R_a = 95.8$

R1 =95	R2 =97	R3 =99	R4 =96	R5 =95	R6 =94	R7 =96	
R8 =95	R9 =86	R10=95	R11=98	R12=75	R13=96	R14=99	R15=93

Photometric & Radiometric Quantities

Flux = 4358.7 lm Eff. : 72.04 lm/W $F_e = 16.432 W$

Flux of emitted photons($\mu mol/s$): 7.7282 Fluo. and blue light ratio: 3.420 Fluorescent eff.: 21.02

Electrical parameters

$V = 24.00 V$ $I = 2.521 A$ $P = 60.51 W$ PF = 1.000