

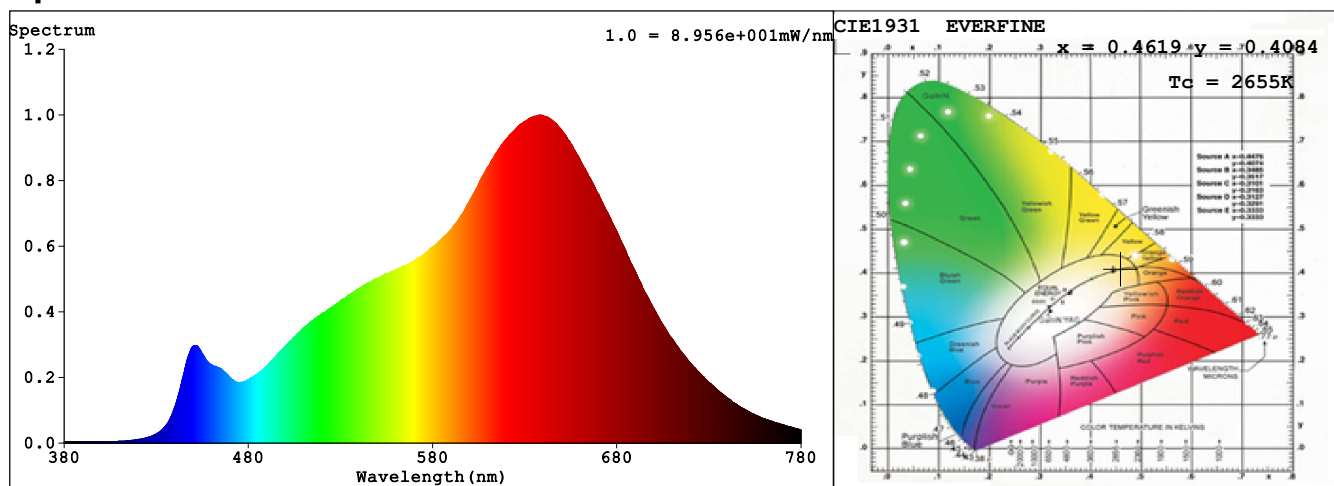
Spectrum Test Report

Sample :	Date :	2018-07-06 14:34:50
Specification :	Sam. Status :	
Sample No. : NC1806002-27	Instrument :	HaasSuite(EVERFINE)
Manufacturer :	Test by :	L

Test Condition

Temperature : Deg	RH : %
WL Range : 380nm-780nm	IP : 52642 (80%)
Test Mode : Fast Test	T : 66 ms
	Delicacy : Low

Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Quantities

Chromaticity Coordinate: $x = 0.4619$ $y = 0.4084$ / $u' = 0.2648$ $v' = 0.5268$ ($duv = -9.76e-04$)
 $T_c = 2655K$ Prcp WL: $\lambda_d = 584.8nm$ Purity=61.2%
 Peak WL: $\lambda_p = 638nm$ Half Width: $\Delta\lambda_p = 142.6nm$ Ratio: R=29.6% G=68.0% B=2.4%

Render Index: Ra = 97.2

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

Photometric & Radiometric Quantities

Flux = 3629.4 lm Eff. : 60.91 lm/W Fe = 14.213 W
 Flux of emitted photons($\mu mol/s$):7.2097 Fluo. and blue light ratio:16.69 Fluorescent eff.:22.51

Electrical parameters

V = 24.00 V I = 2.483 A P = 59.59 W PF = 1.000

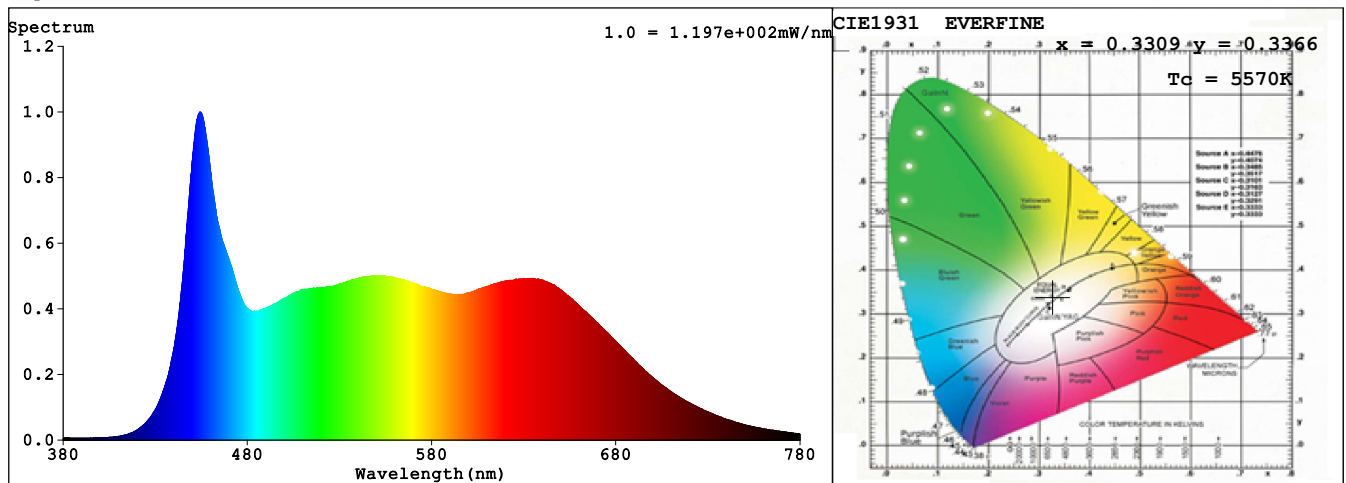
Spectrum Test Report

Sample	:	Date	:	2018-07-06 14:25:05
Specification	:	Sam. Status	:	
Sample No.	:	Instrument	:	HaasSuite(EVERFINE)
Manufacturer	:	Test by	:	L

Test Condition

Temperature	:	Deg	RH	:	%
WL Range	:	380nm-780nm	IP	:	57693 (88%)
Test Mode	:	Fast Test	T	:	73 ms
			Delicacy	:	Low

Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Quantities

Chromaticity Coordinate: $x = 0.3309$ $y = 0.3366$ / $u' = 0.2075$ $v' = 0.4750$ ($duv = -1.61e-03$)

$T_c = 5570K$ Prcp WL: $\lambda_d = 510.1nm$ Purity=0.8%

Peak WL: $\lambda_p = 454nm$ Half Width: $\Delta\lambda_p = 27.9nm$ Ratio: R=18.6% G=75.3% B=6.1%

Render Index: $R_a = 95.9$

R1 =96	R2 =97	R3 =98	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 = 4128.9 lm Eff. : 68.56 lm/W $F_e = 15.575 W$

Flux of emitted photons($\mu mol/s$):7.3201 Fluo. and blue light ratio:3.390 Fluorescent eff.:19.98

Electrical parameters

$V = 24.00 V$ $I = 2.510 A$ $P = 60.22 W$ PF = 1.000