

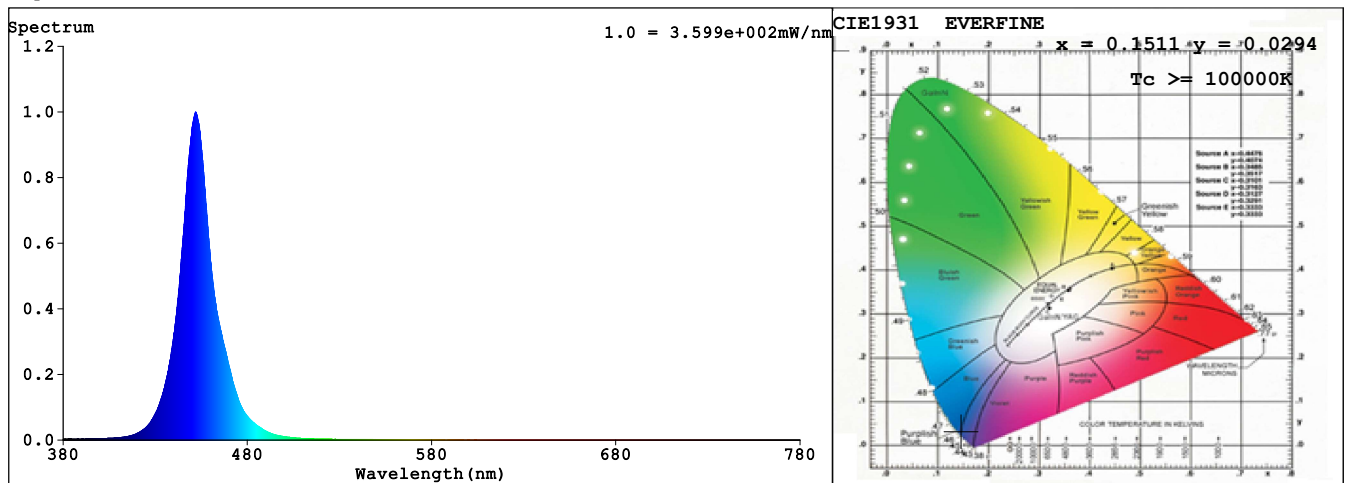
## Spectrum Test Report

Sample :	Date :	2020-06-30 16:01:48
Specification :	Sam. Status :	
Sample No. : #2	Instrument :	HaasSuite(EVERFINE)
Manufacturer :	Test by :	L

### Test Condition

Temperature : Deg	RH : %
WL Range : 380nm-780nm	IP : 54931 (84%)
Test Mode : Fast Test	T : 26 ms
	Delicacy : Low

### Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

### Colorimetric Quantities

Chromaticity Coordinate:  $x = 0.1511$   $y = 0.0294$  /  $u' = 0.1981$   $v' = 0.0868$  ( $duv = -2.09e-01$ )

$T_c >= 1000000K$  Prcp WL:  $\lambda_d = 456.9nm$  Purity=98.6%

Peak WL:  $\lambda_p = 452nm$  Half Width:  $\Delta\lambda_p = 17.4nm$  Ratio: R=0.6% G=11.3% B=88.1%

Render Index:  $R_a = 0.4$

R1 = 0	R2 = 0	R3 = 0	R4 = 0	R5 = 3	R6 = 0	R7 = 0	
R8 = 0	R9 = 0	R10 = 0	R11 = 0	R12 = 0	R13 = 0	R14 = 0	R15 = 2

### Photometric & Radiometric Quantities

Flux = 319.99 lm Eff. : 19.71 lm/W  $F_e = 8.2313 W$

Flux of emitted photons( $\mu mol/s$ ): 3.1204 Fluo. and blue light ratio: 0.04041 Fluorescent eff.: 1.970

### Electrical parameters

V = 24.00 V I = 0.6764 A P = 16.23 W PF = 1.000