

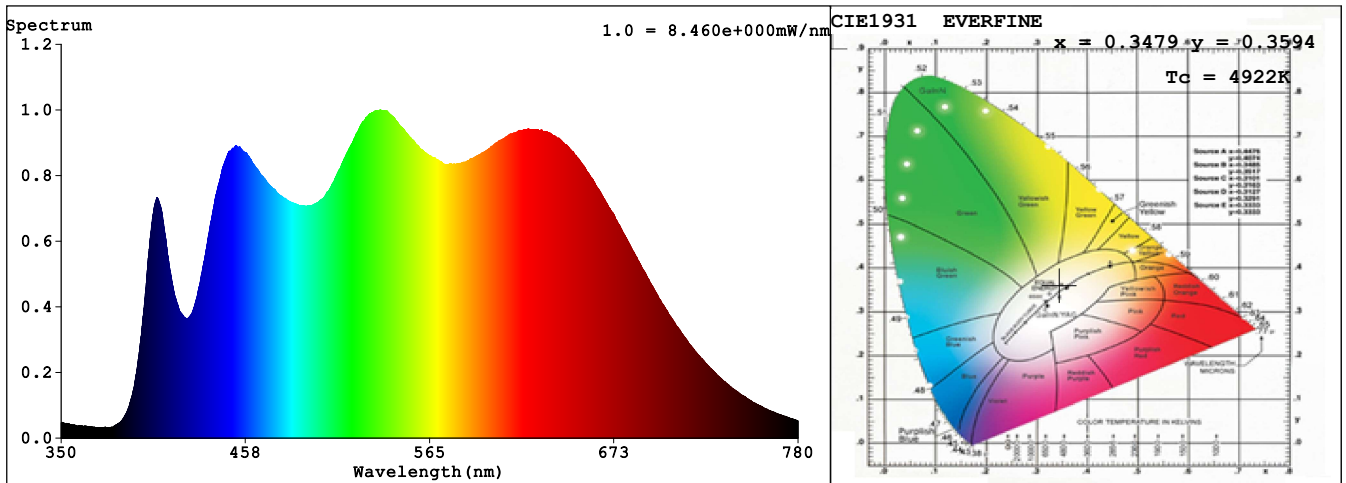
## Spectrum Test Report

Sample :	Date :	2019-07-19 08:43:49
Specification :	Sam. Status :	
Sample No. : #2-D50	Instrument :	HaasSuite(EVERFINE)
Manufacturer :	Test by :	L

### Test Condition

Temperature : Deg	RH : %
WL Range : 350nm-780nm	IP : 57877 (88%)
Test Mode : Fast Test	T : 753 ms
	Delicacy : Low

### Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

### Colorimetric Quantities

Chromaticity Coordinate:  $x = 0.3479$   $y = 0.3594$  /  $u' = 0.2103$   $v' = 0.4888$  ( $duv=2.75e-03$ )

$T_c = 4922K$  Prcp WL:  $\lambda_d = 571.2nm$  Purity=12.2%

Peak WL:  $\lambda_p = 536nm$  Half Width:  $\Delta\lambda_p = 259.1nm$  Ratio: R=19.3% G=75.7% B=5.1%

Render Index:  $R_a = 97.8$

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

### Photometric & Radiometric Quantities

Flux = 546.10 lm Eff. : 66.34 lm/W  $F_e = 2.1475 W$

Flux of emitted photons( $\mu mol/s$ ):1.0051 Flu. and blue light ratio:2.768 Fluorescent eff.:19.17

### Electrical parameters

V = 24.00 V I = 0.3430 A P = 8.231 W PF = 1.000