

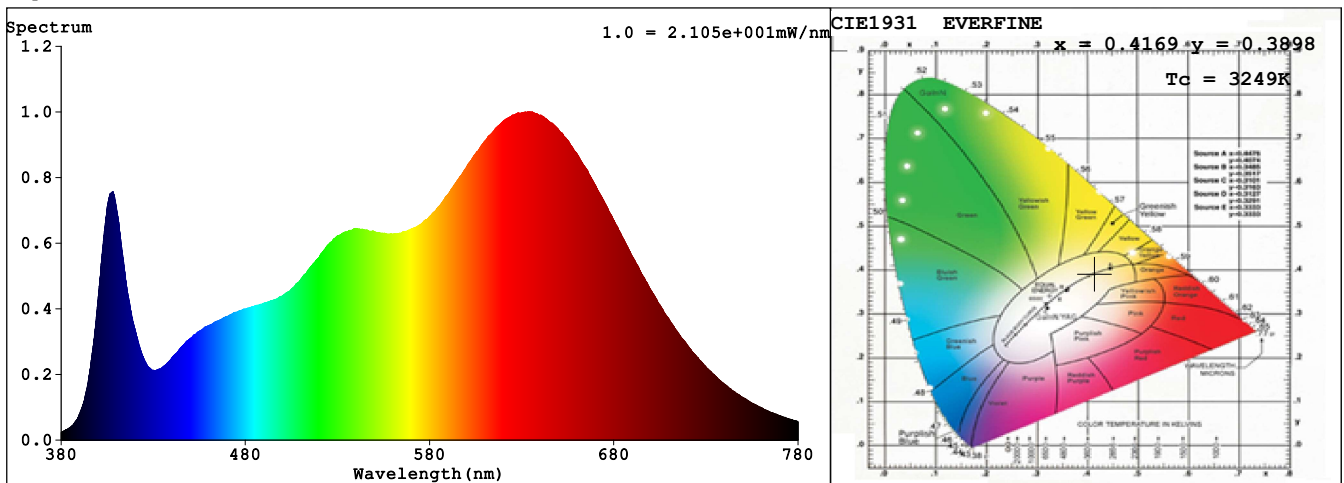
## Spectrum Test Report

Sample :	Date :	2020-01-15 13:24:20
Specification :	Sam. Status :	
Sample No. : #1-WW	Instrument :	HaasSuite(EVERFINE)
Manufacturer :	Test by :	L

### Test Condition

Temperature : Deg	RH : %
WL Range : 380nm-780nm	IP : 56344 (86%)
Test Mode : Fast Test	T : 315 ms
	Delicacy : Low

### Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

### Colorimetric Quantities

Chromaticity Coordinate:  $x = 0.4169$   $y = 0.3898$  /  $u' = 0.2436$   $v' = 0.5126$  ( $duv = -2.72e-03$ )

Tc= 3249K Prcp WL:  $\lambda_d = 582.9\text{nm}$  Purity=42.1%

Peak WL:  $\lambda_p = 634\text{nm}$  Half Width:  $\Delta\lambda_p = 184.4\text{nm}$  Ratio: R=25.9% G=70.6% B=3.5%

Render Index: Ra = 95.6

R1 =94	R2 =97	R3 =97	R4 =93	R5 =94	R6 =95	R7 =99	
R8 =97	R9 =94	R10=96	R11=91	R12=90	R13=94	R14=97	R15=95

### Photometric & Radiometric Quantities

Flux = 1030.5 lm Eff. : 61.18 lm/W Fe = 4.2777 W

Flux of emitted photons( $\mu\text{mol/s}$ ):2.0817 Fluo. and blue light ratio:11.02 Fluorescent eff.:23.29

### Electrical parameters

V = 24.00 V I = 0.7019 A P = 16.84 W PF = 1.000