

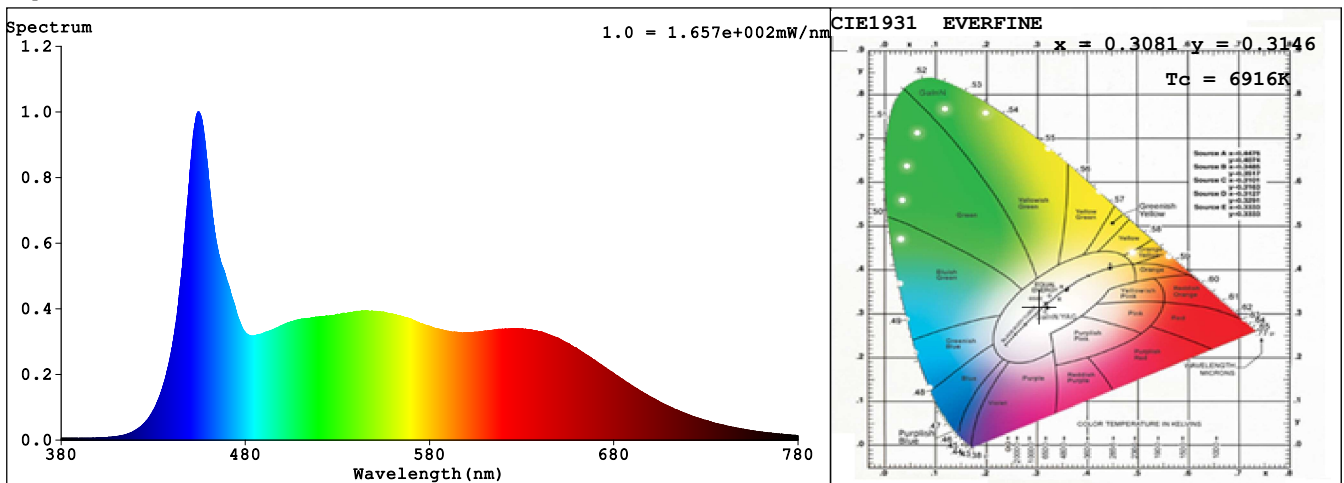
## Spectrum Test Report

Sample	:	Date	: 2020-08-21 09:51:28
Specification	:	Sam. Status	:
Sample No.	: YY2007002-#2-CW	Instrument	: HaasSuite(EVERFINE)
Manufacturer	:	Test by	: L

### Test Condition

Temperature	: Deg	RH	: %
WL Range	: 380nm-780nm	IP	: 51618 (79%)
Test Mode	: Fast Test	T	: 51 ms
		Delicacy	: Low

### Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

### Colorimetric Quantities

Chromaticity Coordinate:  $x = 0.3081, y = 0.3146 / u' = 0.2001, v' = 0.4597$  (duv=-1.93e-03)  
 $T_c = 6916K$  Prcp WL:  $\lambda_d = 481.4nm$  Purity=10.2%  
 Peak WL:  $\lambda_p = 455nm$  Half Width:  $\Delta\lambda_p = 24.0nm$  Ratio: R=16.9% G=76.2% B=6.9%

Render Index:  $R_a = 95.2$

R1 =95	R2 =97	R3 =97	R4 =95	R5 =94	R6 =93	R7 =95	
R8 =94	R9 =86	R10=97	R11=97	R12=69	R13=96	R14=98	R15=92

### Photometric & Radiometric Quantities

Flux = 4300.3 lm Eff. : 87.29 lm/W  $F_e = 16.518 W$   
 Flux of emitted photons( $\mu mol/s$ ): 7.6329 Flu. and blue light ratio: 2.634 Fluorescent eff.: 24.31

### Electrical parameters

$V = 24.38 V$   $I = 2.021 A$   $P = 49.27 W$  PF = 1.000

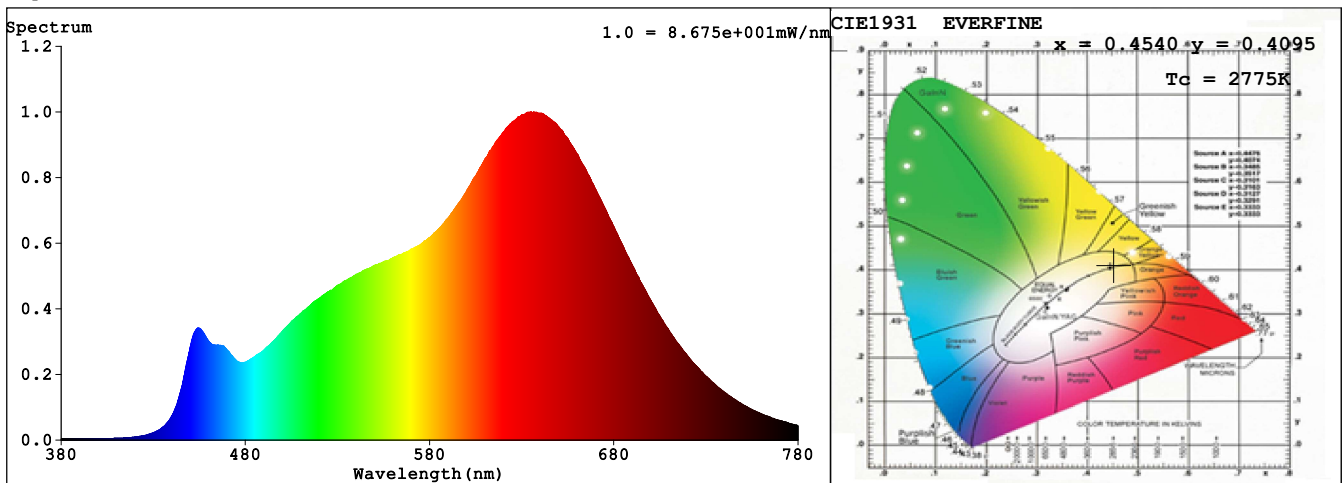
## Spectrum Test Report

Sample :	Date :	2020-08-21 09:52:09
Specification :	Sam. Status :	
Sample No. : YY2007002-#2-WW	Instrument :	HaasSuite(EVERFINE)
Manufacturer :	Test by :	L

### Test Condition

Temperature : Deg	RH : %
WL Range : 380nm-780nm	IP : 55888 (85%)
Test Mode : Fast Test	T : 79 ms
	Delicacy : Low

### Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

### Colorimetric Quantities

Chromaticity Coordinate:  $x = 0.4540$   $y = 0.4095$  /  $u' = 0.2592$   $v' = 0.5260$  ( $duv=1.02e-04$ )

$T_c = 2775K$  Prcp WL:  $\lambda_d = 583.8nm$  Purity=59.2%

Peak WL:  $\lambda_p = 635nm$  Half Width:  $\Delta\lambda_p = 154.2nm$  Ratio: R=28.6% G=68.7% B=2.7%

Render Index:  $R_a = 96.6$

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

### Photometric & Radiometric Quantities

Flux = 3594.4 lm Eff. : 71.18 lm/W  $F_e = 13.970 W$

Flux of emitted photons( $\mu mol/s$ ):7.0653 Fluo. and blue light ratio:14.64 Fluorescent eff.:25.90

### Electrical parameters

$V = 24.36 V$   $I = 2.073 A$   $P = 50.50 W$  PF = 1.000