

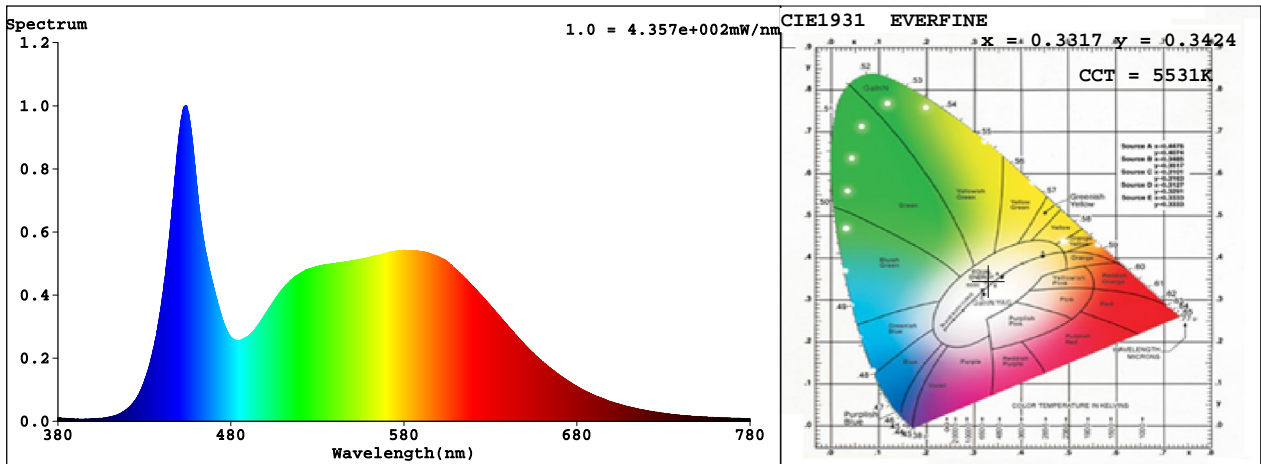
## Spectrum Test Report

Sample	:	Date	: 2019-11-11 16:04:58
Specification	: T150-150W	Sam. Status	:
Sample No.	: A60 V21	Instrument	: HaasSuite(EVERFINE)
Manufacturer	:	Test by	:

### Test Condition

Temperature	: 25.3Deg	RH	: 65.0%
WL Range	: 380nm-780nm	IP	: 53308 (81%)
Test Mode	: Fast Test	T	: 244 ms
		Delicacy	: Low

### Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

### Colorimetric Quantities

Chromaticity Coordinate:  $x = 0.3317$   $y = 0.3424$  /  $u' = 0.2059$   $v' = 0.4781$  ( $duv=1.01e-03$ )

CCT= 5531K Prcp WL:  $L_d=544.8nm$  Purity=2.3%

Peak WL:  $L_p=454nm$  FWHM: =23.9nm Ratio:R=15.1% G=79.7% B=5.2%

Render Index:  $R_a = 85.1$

R1 =84 R2 =91 R3 =93 R4 =84 R5 =84 R6 =86 R7 =88

R8 =70 R9 =15 R10=77 R11=84 R12=62 R13=86 R14=97 R15=80

### Photometric & Radiometric Quantities

Flux = 15201 lm Eff. : 107.54 lm/W  $F_e = 48.543 W$

Flux of emitted photons(umol/s):221.51 Flu. and blue light ratio:2.811 Fluorescent eff.:250.1

### Electrical parameters

$V = 220.0 V$   $I = 0.6510 A$   $P = 141.4 W$  PF = 0.9870