

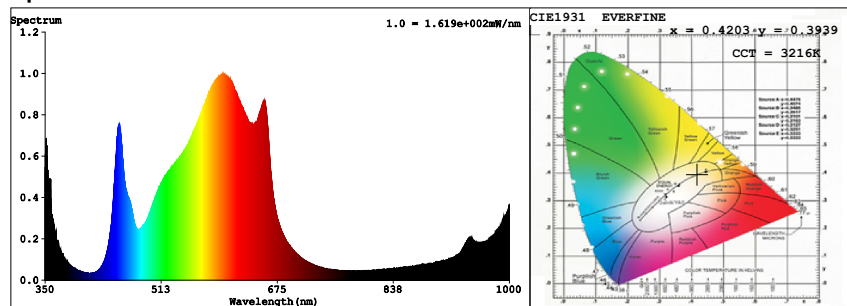
## Spectrum Test Report

Sample : Date : 2018-07-13 14:45:20  
Specification : LIGHT Sam. Status :  
Sample No. : ST0412018060026 50W0.6米海鳗2.3umol 2Instrument : HAAS-2000(EVERFINE)  
Manufacturer : EVERFINE Test by : DAMIN  
Assessor : damin

### Test Condition

Temperature : 25.3Deg RH : 65.0%  
WL Range : 350nm-1000nm IP : 55590 (85%)  
Test Mode : Fast Test T : 513 ms  
Sensitivity : Low

### Spectrum



### Colorimetric Parameters

Chromaticity Coordinate:  $x = 0.4203$   $y = 0.3939$  /  $u' = 0.2442$   $v' = 0.5148$  ( $duv = -1.60e-03$ )  $Du, Dv: 0.0010, -0.0024$

CCT= 3216K Prcp WL:  $L_d = 582.6\text{nm}$  Purity=44.4%

Peak WL:  $L_p = 598\text{nm}$  FWHM: =148.5nm Ratio:R=21.8% G=75.2% B=3.1%

Render Index:  $R_a = 85.5$

R1 =84 R2 =93 R3 =97 R4 =83 R5 =84 R6 =90 R7 =86

R8 =68 R9 =27 R10=83 R11=82 R12=71 R13=86 R14=99 R15=79

### Photometric & Radiometric Parameters

Flux = 8358.2 lm Eff. : 151.27 lm/W  $F_e = 32.561\text{ W (EQE):7771.3\%}$

Photons1:  $1.252e+002\text{ umol/s(400~700nm)}$  Photons2:  $1.669e+002\text{ umol/s(350~1000nm)}$

Photosynthetic:PPF:123.33umol/s PRF WATT:25702mW(400-700nm)

### Electrical parameters

V = 277.0 V I = 0.2039 A P = 55.25 W PF = 0.9785 F=49.99 Hz

**EVERFINE CORPORATION**

<http://www.everfine.cn>

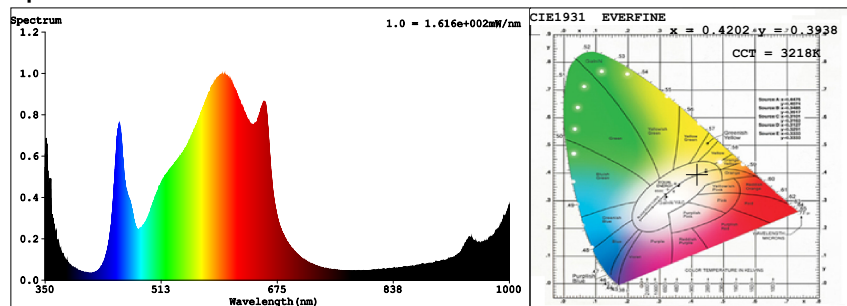
## Spectrum Test Report

Sample : Date : 2018-07-13 14:45:29  
Specification : LIGHT Sam. Status :  
Sample No. : ST0412018060026 50W0.6米海鳗2.3umol/s Instrument : HAAS-2000(EVERFINE)  
Manufacturer : EVERFINE Test by : DAMIN  
Assessor : damin

### Test Condition

Temperature : 25.3Deg RH : 65.0%  
WL Range : 350nm-1000nm IP : 55478 (85%)  
Test Mode : Fast Test T : 513 ms  
Sensitivity : Low

### Spectrum



### Colorimetric Parameters

Chromaticity Coordinate:  $x = 0.4202$   $y = 0.3938$  /  $u' = 0.2441$   $v' = 0.5148$  ( $duv = -1.61e-03$ )  $Du, Dv: 0.0010, -0.0024$

CCT= 3218K Prcp WL:  $L_d = 582.6nm$  Purity=44.3%

Peak WL:  $L_p = 598nm$  FWHM: =148.8nm Ratio: R=21.8% G=75.2% B=3.1%

Render Index:  $R_a = 85.5$

R1 =84 R2 =93 R3 =96 R4 =83 R5 =84 R6 =90 R7 =86

R8 =68 R9 =27 R10=83 R11=82 R12=71 R13=86 R14=99 R15=79

### Photometric & Radiometric Parameters

Flux = 8348.4 lm Eff. : 151.16 lm/W  $F_e = 32.536 W$  (EQE):7766.9%

Photons1:  $1.251e+002$  umol/s(400~700nm) Photons2:  $1.668e+002$  umol/s(350~1000nm)

Photosynthetic: PPF:123.16umol/s PRF WATT:25667mW(400-700nm)

### Electrical parameters

V = 277.1 V I = 0.2037 A P = 55.23 W PF = 0.9785 F=49.99 Hz

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