

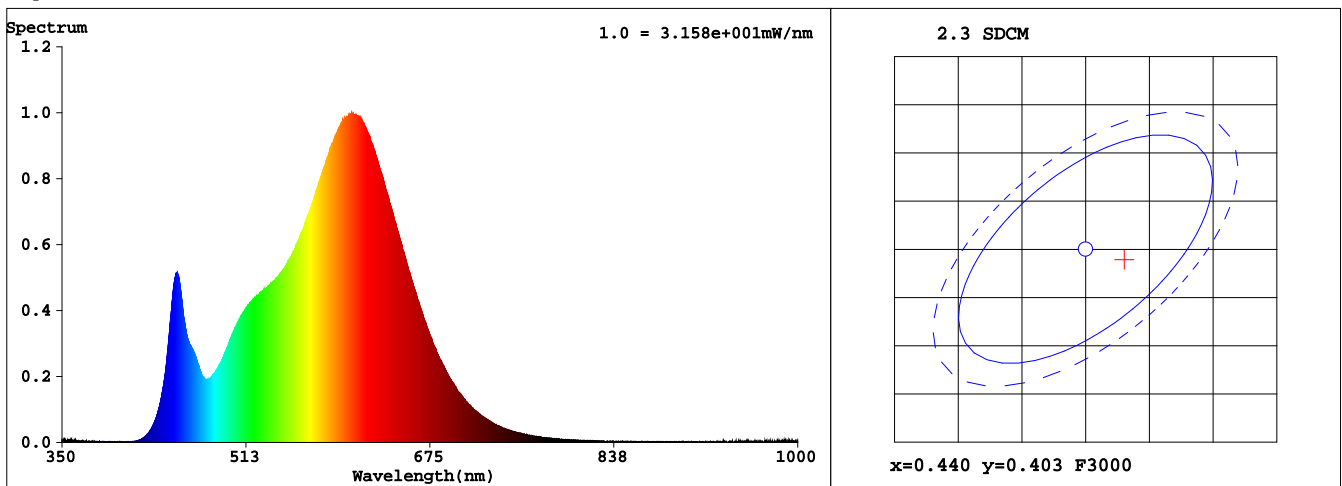
# Spectrum Test Report

Sample : Date : 2019-01-03 17:04:35  
Specification : AL08-12-18W-P3 3000K Sam. Status :  
Sample No. : 145 Instrument : HAAS-2000(EVERFINE)  
Manufacturer : Test by :  
Assessor : damin

## Test Condition

Temperature : 25.3Deg RH : 65.0%  
WL Range : 350nm-1000nm IP : 53627 (82%)  
Test Mode : Fast Test T : 216 ms  
Sensitivity : High

## Spectrum



## Colorimetric Parameters

Chromaticity Coordinate:  $x = 0.4430$   $y = 0.4019$  /  $u' = 0.2555$   $v' = 0.5214$  ( $duv = -1.63e-03$ )

CCT= 2882K Prcp WL:  $L_d = 583.9\text{nm}$  Purity=53.6%

Peak WL:  $L_p = 606\text{nm}$  FWHM: =117.8nm Ratio:R=24.2% G=73.1% B=2.7%

Render Index:  $R_a = 84.7$

R1 =84 R2 =94 R3 =94 R4 =83 R5 =85 R6 =94 R7 =82  
R8 =61 R9 =14 R10=87 R11=84 R12=79 R13=87 R14=98 R15=76

## Photometric & Radiometric Parameters

Flux = 1470.7 lm Eff. : 77.66 lm/W  $F_e = 4.5802$  W

## Electrical parameters

V = 240.1 V I = 0.08742 A P = 18.94 W PF = 0.9023 F=49.99 Hz

**EVERFINE CORPORATION**

<http://www.everfine.cn>

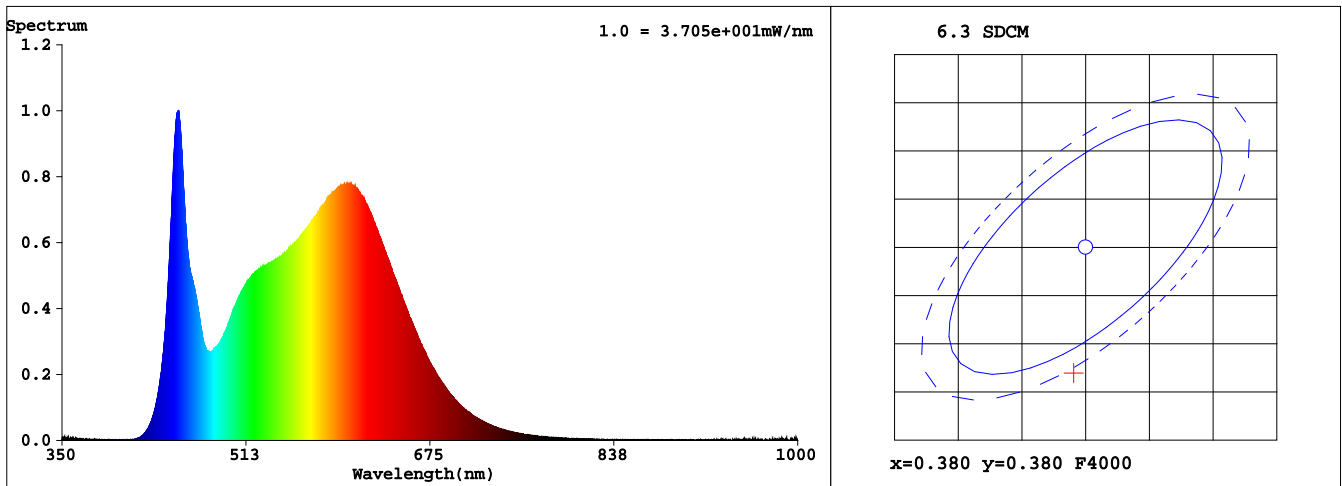
# Spectrum Test Report

Sample : Date : 2019-01-03 17:05:17  
Specification : AL08-12-18W-P3 4000K Sam. Status :  
Sample No. : 146 Instrument : HAAS-2000(EVERFINE)  
Manufacturer : Test by :  
Assessor : damin

## Test Condition

Temperature : 25.3Deg RH : 65.0%  
WL Range : 350nm-1000nm IP : 51702 (79%)  
Test Mode : Fast Test T : 216 ms  
Sensitivity : High

## Spectrum



## Colorimetric Parameters

Chromaticity Coordinate:  $x = 0.3791$   $y = 0.3669$  /  $u' = 0.2282$   $v' = 0.4970$  ( $duv = -4.27e-03$ )

CCT= 3963K Prcp WL:  $L_d = 581.9\text{nm}$  Purity=23.9%

Peak WL:  $L_p = 453\text{nm}$  FWHM: =20.2nm Ratio:R=19.6% G=76.2% B=4.1%

Render Index:  $R_a = 88.3$

R1 =89 R2 =95 R3 =96 R4 =87 R5 =89 R6 =91 R7 =87

R8 =72 R9 =32 R10=88 R11=88 R12=69 R13=91 R14=99 R15=84

## Photometric & Radiometric Parameters

Flux = 1620.4 lm Eff. : 87.62 lm/W  $F_e = 5.1602\text{ W}$

## Electrical parameters

$V = 240.1\text{ V}$   $I = 0.08563\text{ A}$   $P = 18.49\text{ W}$  PF = 0.8996 F=49.99 Hz

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# Spectrum Test Report

Sample :  
Specification : AL08-12-18W-P3 5700K  
Sample No. : 147  
Manufacturer :

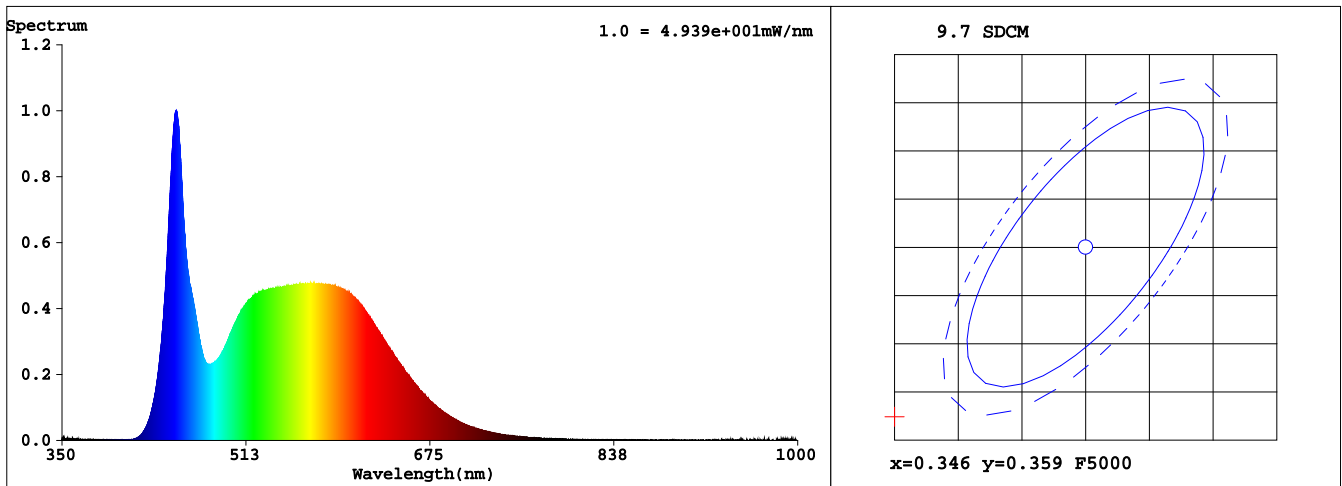
Date : 2019-01-03 17:05:57  
Sam. Status :  
Instrument : HAAS-2000(EVERFINE)  
Test by :  
Assessor : damin

## Test Condition

Temperature : 25.3Deg  
WL Range : 350nm-1000nm  
Test Mode : Fast Test

RH : 65.0%  
IP : 53765 (82%)  
T : 171 ms  
Sensitivity : High

## Spectrum



## Colorimetric Parameters

Chromaticity Coordinate:  $x = 0.3280$   $y = 0.3414$  /  $u' = 0.2037$   $v' = 0.4770$  ( $duv=2.19e-03$ )

CCT= 5700K Prcp WL:  $L_d=513.1nm$  Purity=1.8%

Peak WL:  $L_p=451nm$  FWHM:  $=20.0nm$  Ratio:R=14.9% G=79.9% B=5.2%

Render Index:  $R_a = 85.7$

R1 =85 R2 =90 R3 =92 R4 =86 R5 =85 R6 =85 R7 =89  
R8 =73 R9 =21 R10=75 R11=86 R12=62 R13=86 R14=96 R15=81

## Photometric & Radiometric Parameters

Flux = 1560.5 lm Eff. : 82.67 lm/W  $F_e = 5.0165 W$

## Electrical parameters

$V = 240.1 V$   $I = 0.08723 A$   $P = 18.88 W$  PF = 0.9015 F=49.99 Hz

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