

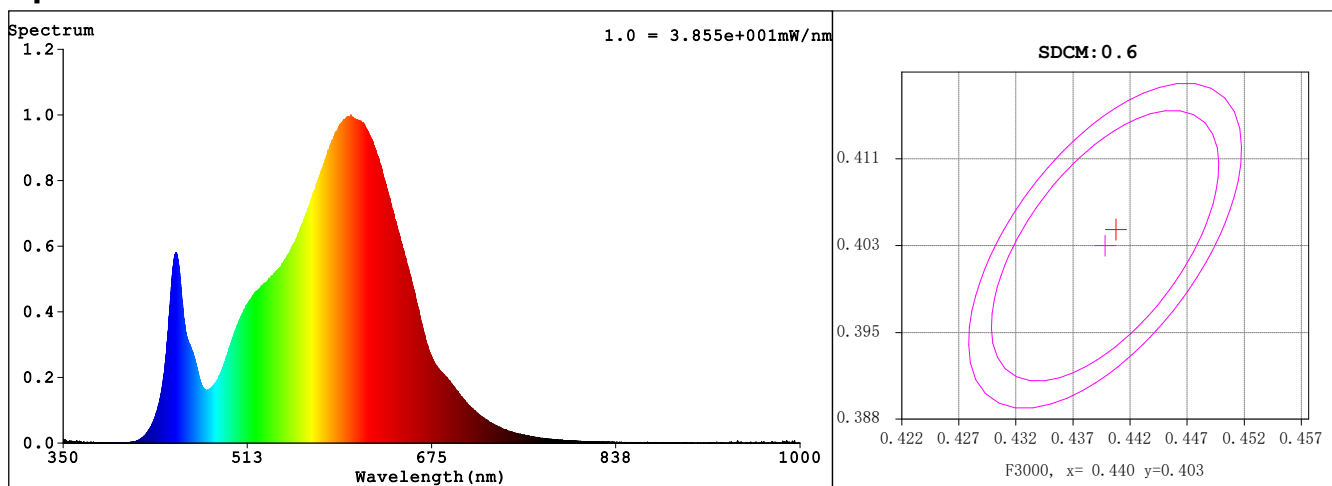
## Spectrum Test Report

Sample :	Date : 2024-09-26 20:26:53
Specification : AL188-12-18W-SIC3 3000K	Sam. Status : Normal
Sample No. : 1	Instrument : HAAS-2000(EVERFINE)
Manufacturer :	Test by : Ma Neng
Instrument number:	

### Test Condition

Temperature : 25.3 °C	RH : 65.0%
WL Range : 350nm-1000nm	IP : 52181 (80%)
Test Mode : Fast Test	T : 1386 ms
	Sensitivity : Low

### Spectrum



### Colorimetric Parameters

Chromaticity Coordinate:  $x = 0.4410$   $y = 0.4044$  /  $u' = 0.2530$   $v' = 0.5221$  ( $duv = -3.99e-04$ )

CCT= 2936K Prcp WL: Ld=583.2nm Purity=53.7%

Peak WL: Lp=604nm FWHM: =125.8nm Ratio:R=23.4% G=74.2% B=2.5%

Render Index: Ra = 83.3

R1 =82 R2 =91 R3 =96 R4 =82 R5 =83 R6 =90 R7 =83

R8 =60 R9 =9 R10=81 R11=82 R12=74 R13=84 R14=99 R15=74

LEVEL:OUT WHITE:ANSI\_3000K

### Photometric & Radiometric Parameters

Flux = 1685.8 lm Eff. : 96.89 lm/W Fe = 5.6267 W

### Electrical parameters

V = 229.9 V I = 0.08131 A P = 17.40 W PF = 0.9306

Kdisp(IEC) = 0.9440 Freq=49.99 Hz I THD = 16.89 V THD = 0.1737

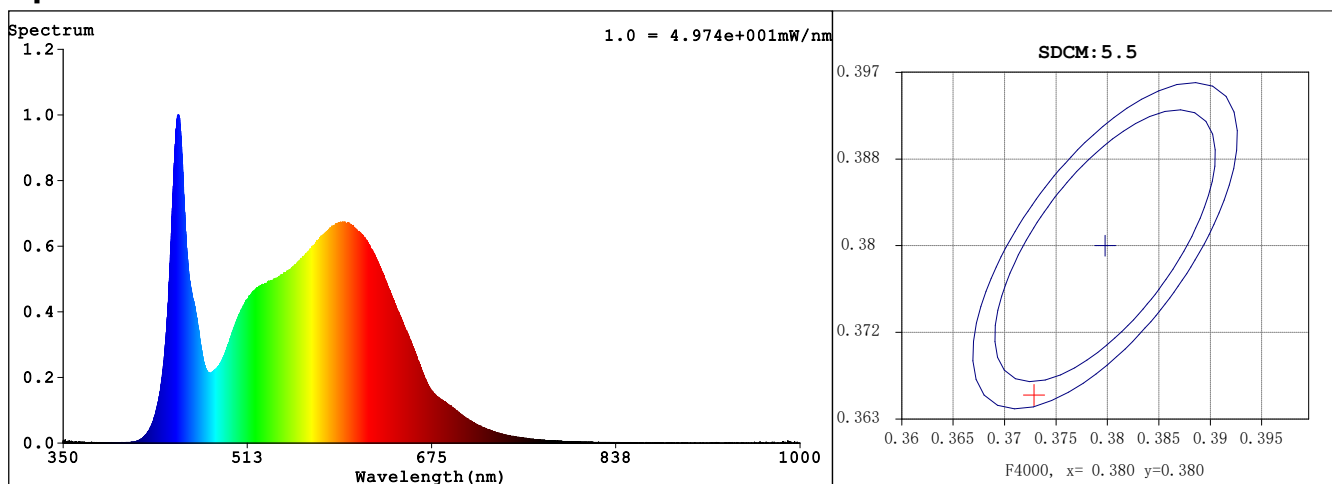
## Spectrum Test Report

Sample	:		Date	:	2024-09-26 20:27:23
Specification	:	AL188-12-18W-SIC3 4000K	Sam. Status	:	Normal
Sample No.	:	2	Instrument	:	HAAS-2000(EVERFINE)
Manufacturer	:		Test by	:	Ma Neng
Instrument number	:				

### Test Condition

Temperature	:	25.3 °C	RH	:	65.0%
WL Range	:	350nm-1000nm	IP	:	54514 (83%)
Test Mode	:	Fast Test	T	:	1386 ms
			Sensitivity	:	Low

### Spectrum



### Colorimetric Parameters

Chromaticity Coordinate:  $x = 0.3731$   $y = 0.3655$  /  $u' = 0.2248$   $v' = 0.4954$  ( $duv = -3.16e-03$ )

CCT= 4127K Prcp WL:  $L_d = 580.7nm$  Purity=21.6%

Peak WL:  $L_p = 452nm$  FWHM: =17.7nm Ratio:R=18.6% G=77.3% B=4.1%

Render Index:  $R_a = 86.9$

R1 =87 R2 =93 R3 =96 R4 =86 R5 =87 R6 =89 R7 =87

R8 =71 R9 =26 R10=82 R11=86 R12=65 R13=89 R14=98 R15=82

LEVEL:OUT WHITE:ANSI\_4000K

### Photometric & Radiometric Parameters

Flux = 1768.5 lm Eff. : 104.80 lm/W  $F_e = 6.0847 W$

### Electrical parameters

$V = 230.0 V$   $I = 0.07902 A$   $P = 16.87 W$  PF = 0.9287

Kdisp(IEC) = 0.9421 Freq=49.99 Hz  $I_{THD} = 17.01$   $V_{THD} = 0.1686$

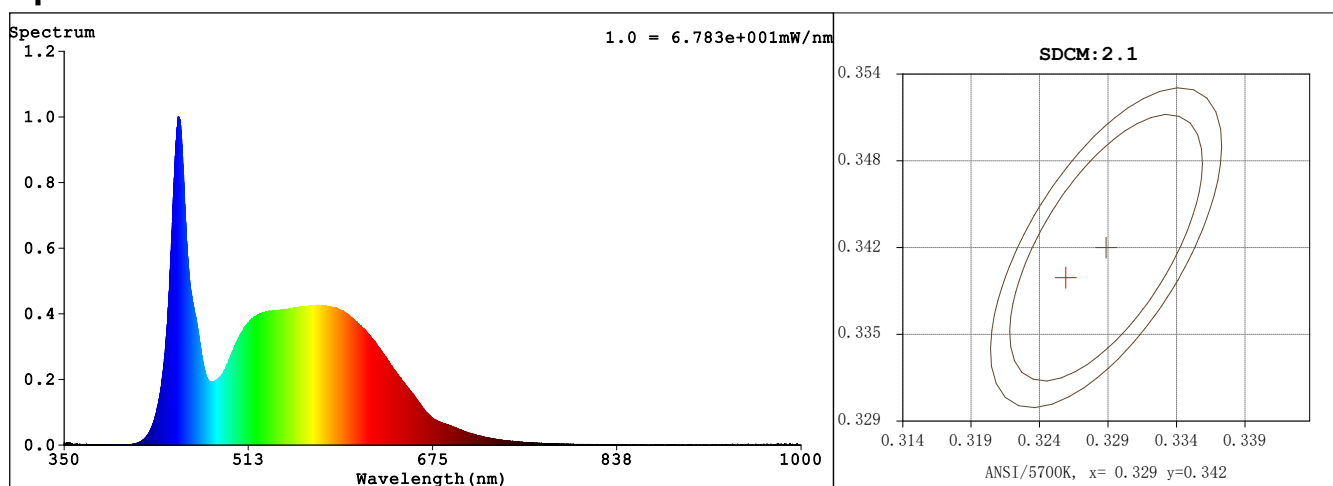
## Spectrum Test Report

Sample	:		Date	:	2024-09-26 20:27:52
Specification	:	AL188-12-18W-SIC3 5700K	Sam. Status	:	Normal
Sample No.	:	3	Instrument	:	HAAS-2000(EVERFINE)
Manufacturer	:		Test by	:	Ma Neng
Instrument number:	:				

### Test Condition

Temperature	:	25.3 °C	RH	:	65.0%
WL Range	:	350nm-1000nm	IP	:	52433 (80%)
Test Mode	:	Fast Test	T	:	982 ms
			Sensitivity	:	Low

### Spectrum



### Colorimetric Parameters

Chromaticity Coordinate:  $x = 0.3257$   $y = 0.3393$  /  $u' = 0.2030$   $v' = 0.4756$  ( $duv=2.15e-03$ )

CCT= 5805K Prcp WL: Ld=502.2nm Purity=2.3%

Peak WL: Lp=451nm FWHM: =17.6nm Ratio:R=14.5% G=80.3% B=5.2%

Render Index: Ra = 84.9

R1 =84 R2 =89 R3 =92 R4 =85 R5 =84 R6 =84 R7 =89

R8 =72 R9 =17 R10=73 R11=85 R12=59 R13=85 R14=96 R15=79

LEVEL:OUT WHITE:ANSI\_5700K

### Photometric & Radiometric Parameters

Flux = 1730.8 lm Eff. : 100.41 lm/W Fe = 6.0751 W

### Electrical parameters

V = 229.9 V I = 0.08055 A P = 17.24 W PF = 0.9307

Kdisp(IEC) = 0.9440 Freq=49.99 Hz I THD = 16.89 V THD = 0.1724