

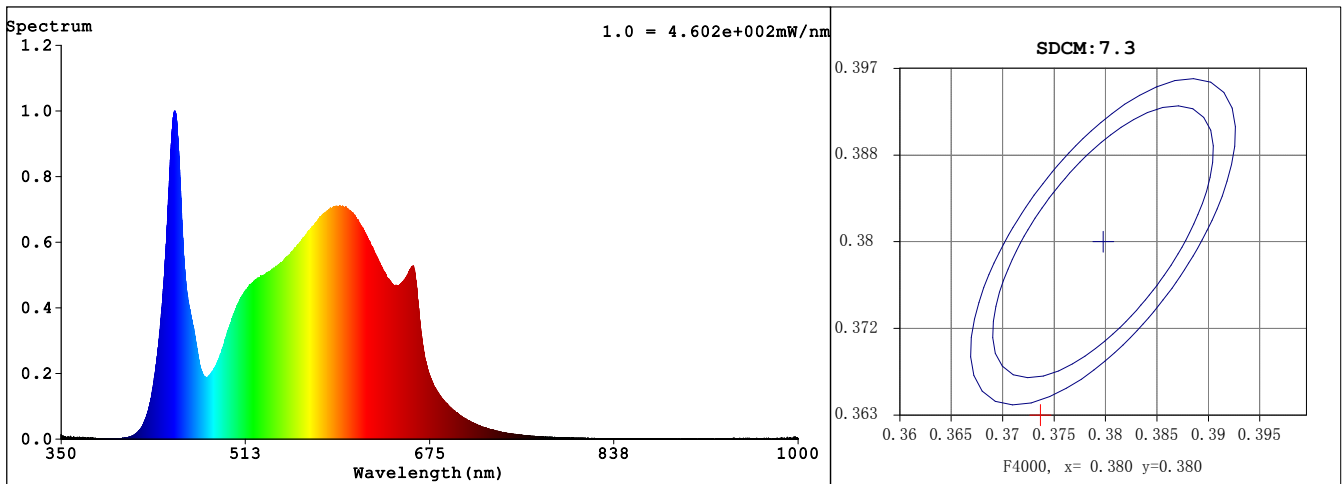
## Spectrum Test Report

Sample	:	Date	:	2022-06-07 09:40:33
Specification	:	Sam. Status	:	
Sample No.	:	Instrument	:	HAAS-2000(EVERFINE)
Manufacturer	:	Test by	:	SZAMB
		Assessor	:	damin

### Test Condition

Temperature	:	25.3Deg	RH	:	65.0%
WL Range	:	350nm-1000nm	IP	:	48662 (74%)
Test Mode	:	Accuracy Test	T	:	126 ms
			Sensitivity	:	Low

### Spectrum



### Colorimetric Parameters

Chromaticity Coordinate:  $x = 0.3739$   $y = 0.3618$  /  $u' = 0.2268$   $v' = 0.4938$  ( $duv = -5.23e-03$ )

CCT= 4073K Prpc WL:  $L_d = 582.5nm$  Purity=20.8%

Peak WL:  $L_p = 450nm$  FWHM: =18.3nm Ratio:R=18.8% G=77.4% B=3.8%

Render Index:  $R_a = 86.7$  AvgR = 81.9 TM30:Rf=85 Rg=99

R1 =86 R2 =92 R3 =94 R4 =87 R5 =87 R6 =87 R7 =88

R8 =73 R9 =33 R10=80 R11=87 R12=68 R13=88 R14=97 R15=83

LEVEL:OUT WHITE:OUT

### Photometric & Radiometric Parameters

Flux = 18894 lm Eff. : 186.83 lm/W  $F_e = 60.312 W$

Scotopic:32910 S/P:1.7418

A: 6.6676e+001mW

B: 6.0312e+004mW

Photons2:2.760e+002  $\mu mol/s(400\sim 700nm)$

PPF:276.37 $\mu mol/s$  PPF Efficiency:2.73284 $\mu mol/s/W$  PRF WATT:59114mW(400-700nm)

### Electrical parameters

V = 220.5 V I = 0.5983 A P = 101.1 W PF = 0.7668

Freq=50.00 Hz