

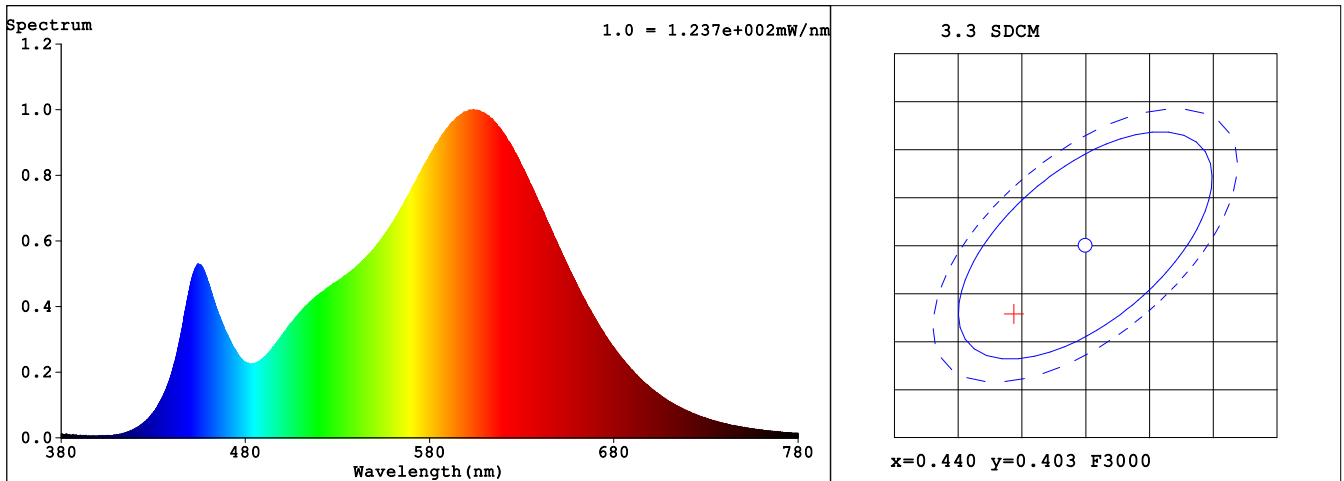
## Spectrum Test Report

Sample	:		Date	:	2024-07-06
Specification	:		Standard	:	tus
Sample No.	:	50W-1	Instrument	:	HaasSuite(EVERFINE)
Manufacturer	:		Test by	:	
Assessor	:	damin			
Remark	:				

### Test Condition

Temperature	:	25.3Deg	RH	:	65.0%
WL Range	:	380nm-780nm	IP	:	53048 (81%)
Test Mode	:	Fast Test	T	:	32 ms
Sensitivity	:	High			

### Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

### Colorimetric Parameters

Chromaticity Coordinate:  $x = 0.4344$   $y = 0.3959$  /  $u' = 0.2525$   $v' = 0.5177$  ( $duv = -2.96e-03$ )

CCT= 2975K Prcp WL: Ld=584.0nm Purity=49.2%

Peak WL: Lp=604nm FWHM: =121.3nm Ratio:R=23.4% G=73.7% B=2.9%

Render Index: Ra = 83.1

R1 =83 R2 =94 R3 =93 R4 =80 R5 =83 R6 =92 R7 =81

R8 =59 R9 =10 R10=85 R11=80 R12=77 R13=86 R14=97 R15=75

### Photometric & Radiometric Parameters

Flux = 5928.4 lm Eff. : 122.14 lm/W Fe = 18.357 W Scotopic:8153.8 S/P:1.3754

### Electrical parameters

V = 229.7 V I = 0.2160 A P = 48.54 W PF = 0.9784 F=49.99 Hz

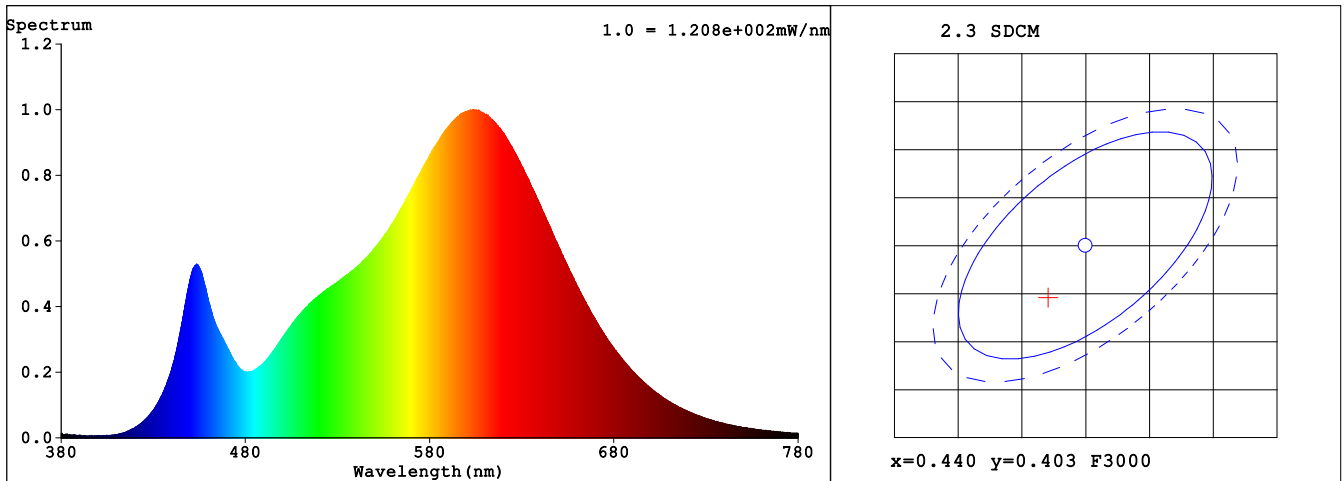
## Spectrum Test Report

Sample	:		Date	:	2024-07-06
Specification	:		Standard	:	
Sample No.	:	50W-2	Instrument	:	HaasSuite(EVERFINE)
Manufacturer	:		Test by	:	
Assessor	:	damin			
Remark	:				

### Test Condition

Temperature	:	25.3Deg	RH	:	65.0%
WL Range	:	380nm-780nm	IP	:	51737 (79%)
Test Mode	:	Fast Test	T	:	32 ms
Sensitivity	:	High			

### Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

### Colorimetric Parameters

Chromaticity Coordinate:  $x = 0.4371$   $y = 0.3976$  /  $u' = 0.2535$   $v' = 0.5188$  ( $duv = -2.62e-03$ )

CCT= 2944K Prcp WL: Ld=584.0nm Purity=50.5%

Peak WL: Lp=603nm FWHM: =120.9nm Ratio:R=23.5% G=73.9% B=2.7%

Render Index: Ra = 82.6

R1 =82 R2 =93 R3 =94 R4 =80 R5 =82 R6 =91 R7 =81

R8 =58 R9 =8 R10=83 R11=79 R12=75 R13=84 R14=98 R15=74

### Photometric & Radiometric Parameters

Flux = 5763.0 lm Eff. : 119.47 lm/W Fe = 17.762 W Scotopic:7753 S/P:1.3453

### Electrical parameters

V = 229.7 V I = 0.2142 A P = 48.24 W PF = 0.9806 F=49.99 Hz

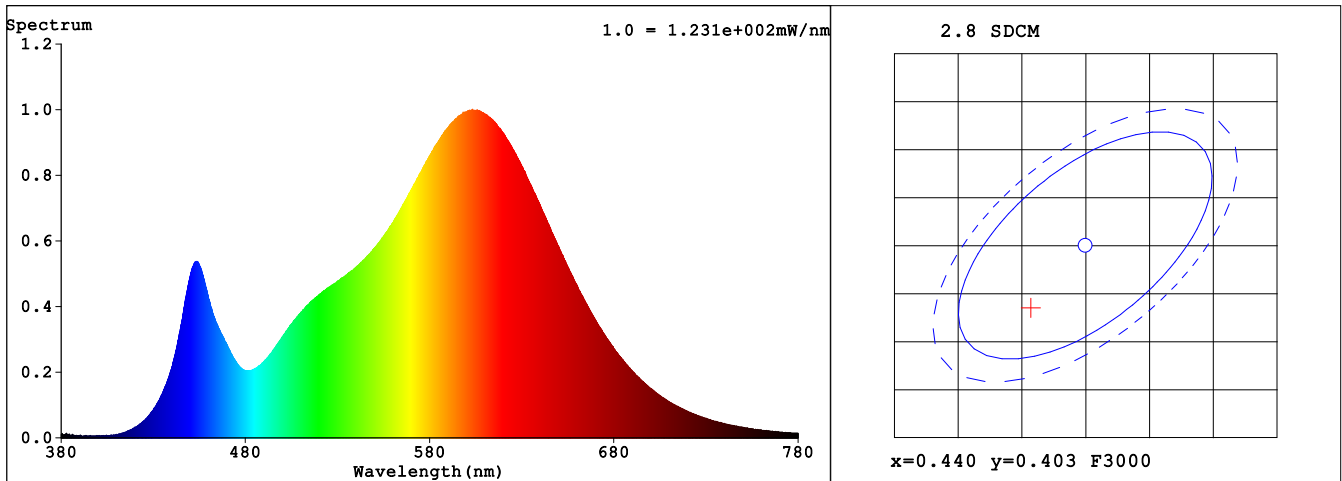
## Spectrum Test Report

Sample	:		Date	:	2024-07-06
Specification	:		Standard	:	
Sample No.	:	50W-3	Instrument	:	HaasSuite(EVERFINE)
Manufacturer	:		Test by	:	
Assessor	:	damin			
Remark	:				

### Test Condition

Temperature	:	25.3Deg	RH	:	65.0%
WL Range	:	380nm-780nm	IP	:	52704 (80%)
Test Mode	:	Fast Test	T	:	32 ms
Sensitivity	:	High			

### Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

### Colorimetric Parameters

Chromaticity Coordinate:  $x = 0.4357$   $y = 0.3965$  /  $u' = 0.2531$   $v' = 0.5182$  ( $duv = -2.87e-03$ )

CCT= 2958K Prcp WL:  $L_d = 584.1nm$  Purity=49.8%

Peak WL:  $L_p = 603nm$  FWHM: =121.3nm Ratio:R=23.4% G=73.9% B=2.7%

Render Index:  $R_a = 82.8$

R1 =82 R2 =93 R3 =94 R4 =80 R5 =82 R6 =91 R7 =81

R8 =58 R9 =9 R10=84 R11=79 R12=76 R13=85 R14=98 R15=75

### Photometric & Radiometric Parameters

Flux = 5879.8 lm Eff. : 119.71 lm/W Fe = 18.145 W Scotopic:7966.5 S/P:1.3549

### Electrical parameters

V = 229.7 V I = 0.2180 A P = 49.12 W PF = 0.9809 F=49.99 Hz