

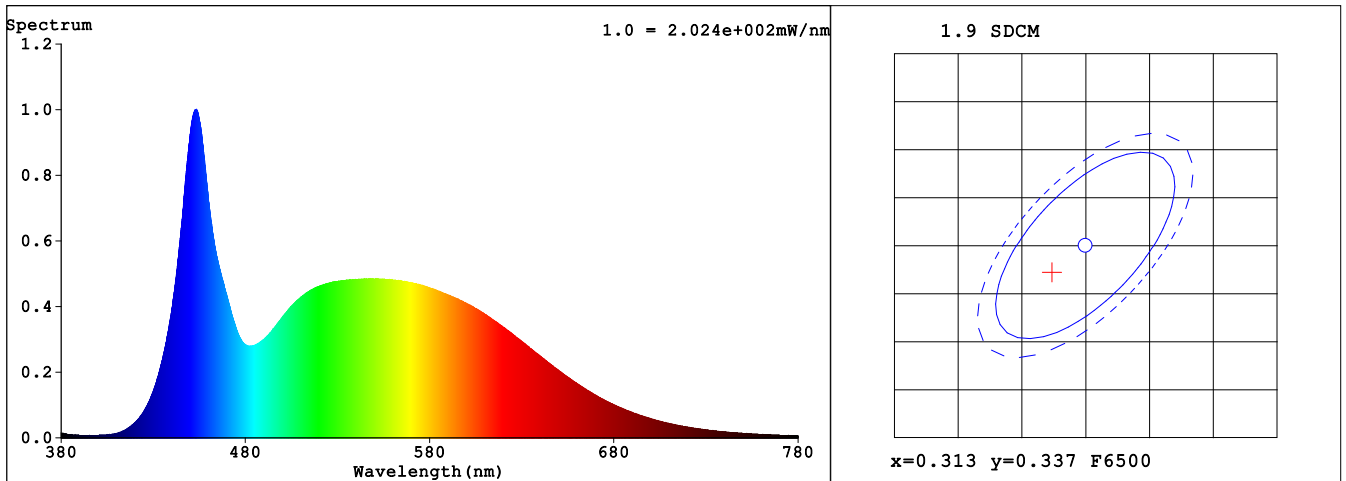
## Spectrum Test Report

Sample	:		Date	:	2024-07-05
Specification	:		Standard	:	tus
Sample No.	:	50D-1	Instrument	:	HaasSuite(EVERFINE)
Manufacturer	:		Test by	:	
Assessor	:	damin			
Remark	:				

### Test Condition

Temperature	:	25.3Deg	RH	:	65.0%
WL Range	:	380nm-780nm	IP	:	54123 (83%)
Test Mode	:	Fast Test	T	:	36 ms
Sensitivity	:	High			

### Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

### Colorimetric Parameters

Chromaticity Coordinate:  $x = 0.3104$   $y = 0.3342$  /  $u' = 0.1943$   $v' = 0.4707$  ( $duv=7.00e-03$ )

CCT= 6590K Prcp WL:  $L_d=492.2nm$  Purity=7.7%

Peak WL:  $L_p=453nm$  FWHM: =24.1nm Ratio:R=13.2% G=80.8% B=6.0%

Render Index:  $R_a = 84.6$

R1 =82 R2 =89 R3 =93 R4 =83 R5 =83 R6 =85 R7 =90

R8 =72 R9 =15 R10=74 R11=82 R12=59 R13=84 R14=97 R15=77

### Photometric & Radiometric Parameters

Flux = 6403.0 lm Eff. : 129.75 lm/W Fe = 20.972 W Scotopic:14776 S/P:2.3077

### Electrical parameters

V = 229.7 V I = 0.2196 A P = 49.35 W PF = 0.9782 F=49.99 Hz

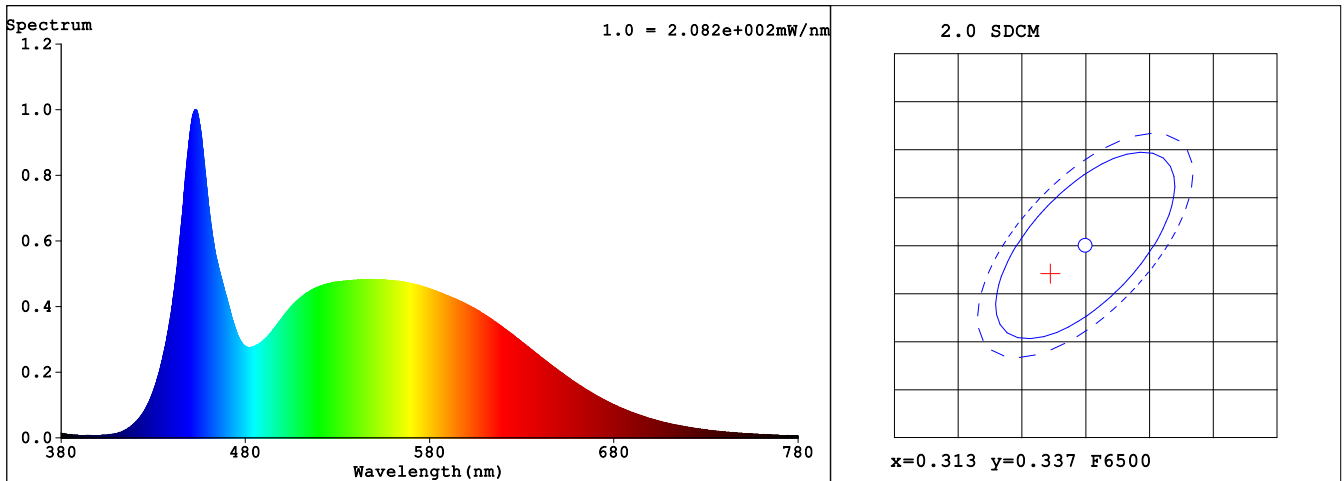
## Spectrum Test Report

Sample	:		Date	:	2024-07-05
Specification	:		Standard	:	tus
Sample No.	:	50D-2	Instrument	:	HaasSuite(EVERFINE)
Manufacturer	:		Test by	:	
Assessor	:	damin			
Remark	:				

### Test Condition

Temperature	:	25.3Deg	RH	:	65.0%
WL Range	:	380nm-780nm	IP	:	55562 (85%)
Test Mode	:	Fast Test	T	:	36 ms
Sensitivity	:	High			

### Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

### Colorimetric Parameters

Chromaticity Coordinate:  $x = 0.3102$   $y = 0.3341$  /  $u' = 0.1942$   $v' = 0.4707$  ( $duv=7.01e-03$ )

CCT= 6597K Prcp WL:  $L_d=492.1nm$  Purity=7.8%

Peak WL:  $L_p=453nm$  FWHM: =23.9nm Ratio:R=13.2% G=80.8% B=6.0%

Render Index:  $R_a = 84.6$

R1 =82 R2 =89 R3 =93 R4 =83 R5 =83 R6 =85 R7 =90

R8 =72 R9 =15 R10=74 R11=82 R12=59 R13=84 R14=96 R15=77

### Photometric & Radiometric Parameters

Flux = 6557.6 lm Eff. : 135.01 lm/W Fe = 21.485 W Scotopic:15128 S/P:2.3069

### Electrical parameters

V = 229.8 V I = 0.2161 A P = 48.57 W PF = 0.9783 F=49.99 Hz

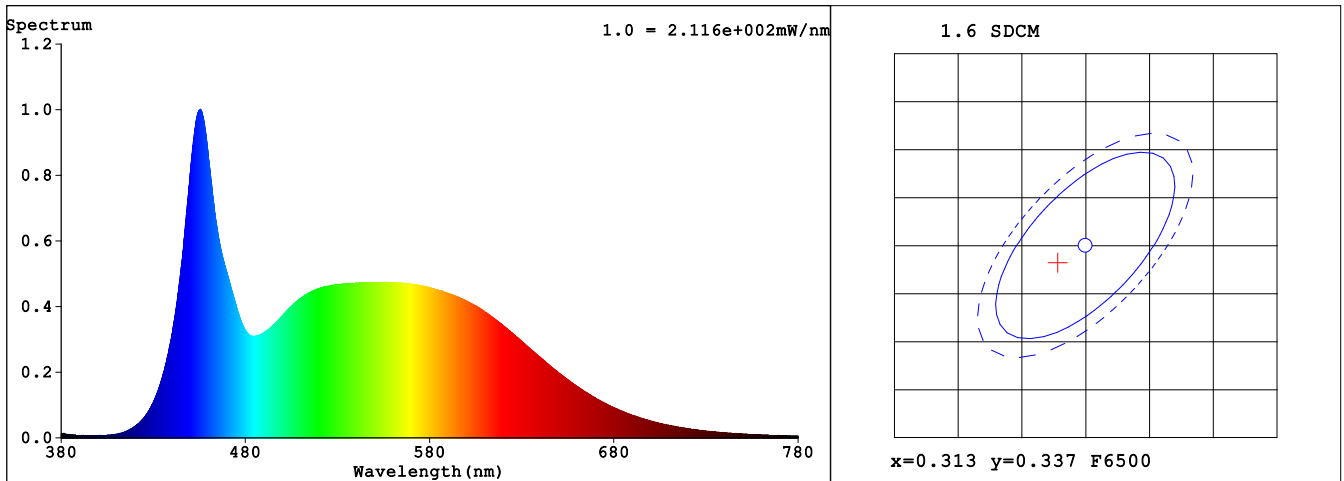
## Spectrum Test Report

Sample	:		Date	:	2024-07-05
Specification	:		Standard	:	tus
Sample No.	:	50D-3	Instrument	:	HaasSuite(EVERFINE)
Manufacturer	:		Test by	:	
Assessor	:	damin			
Remark	:				

### Test Condition

Temperature	:	25.3Deg	RH	:	65.0%
WL Range	:	380nm-780nm	IP	:	44770 (68%)
Test Mode	:	Fast Test	T	:	28 ms
Sensitivity	:	High			

### Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

### Colorimetric Parameters

Chromaticity Coordinate:  $x = 0.3108$   $y = 0.3352$  /  $u' = 0.1942$   $v' = 0.4713$  ( $duv=7.28e-03$ )

CCT= 6557K Prcp WL:  $L_d=492.8nm$  Purity=7.5%

Peak WL:  $L_p=455nm$  FWHM: =25.4nm Ratio:R=13.4% G=80.2% B=6.4%

Render Index:  $R_a = 85.2$

R1 =83 R2 =92 R3 =95 R4 =81 R5 =83 R6 =88 R7 =88

R8 =71 R9 =16 R10=80 R11=81 R12=60 R13=86 R14=98 R15=78

### Photometric & Radiometric Parameters

Flux = 6671.9 lm Eff. : 137.84 lm/W  $F_e = 21.759 W$  Scotopic:15660 S/P:2.3472

### Electrical parameters

V = 229.8 V I = 0.2152 A P = 48.40 W PF = 0.9788 F=49.99 Hz

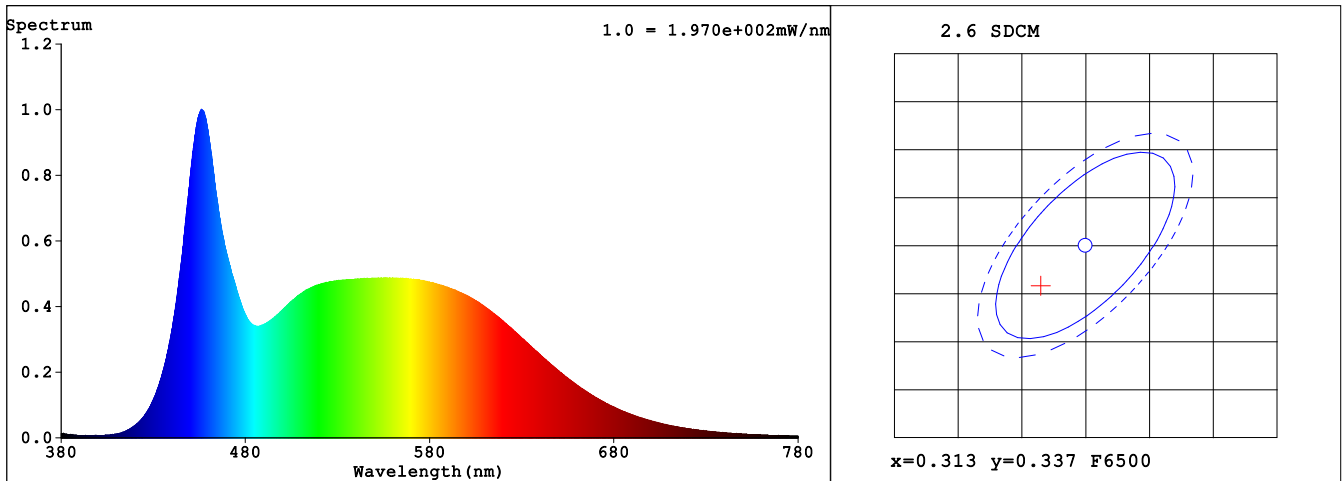
## Spectrum Test Report

Sample	:	Date	:	2024-07-05
Specification	:	Standard	:	
Sample No.	:	Instrument	:	HaasSuite(EVERFINE)
Manufacturer	:	Test by	:	
Assessor	:			
Remark	:			

### Test Condition

Temperature	:	25.3Deg	RH	:	65.0%
WL Range	:	380nm-780nm	IP	:	50839 (78%)
Test Mode	:	Fast Test	T	:	34 ms
Sensitivity	:	High			

### Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

### Colorimetric Parameters

Chromaticity Coordinate:  $x = 0.3095$   $y = 0.3328$  /  $u' = 0.1942$   $v' = 0.4699$  ( $duv=6.76e-03$ )

CCT= 6647K Prcp WL:  $L_d=491.4nm$  Purity=8.1%

Peak WL:  $L_p=456nm$  FWHM: =28.3nm Ratio:R=13.5% G=79.9% B=6.7%

Render Index:  $R_a = 85.7$

R1 =84 R2 =93 R3 =95 R4 =81 R5 =84 R6 =89 R7 =87

R8 =71 R9 =18 R10=83 R11=81 R12=62 R13=88 R14=98 R15=79

### Photometric & Radiometric Parameters

Flux = 6426.1 lm Eff. : 133.06 lm/W  $F_e = 21.104 W$  Scotopic:15294 S/P:2.38

### Electrical parameters

V = 229.8 V I = 0.2149 A P = 48.29 W PF = 0.9783 F=49.99 Hz

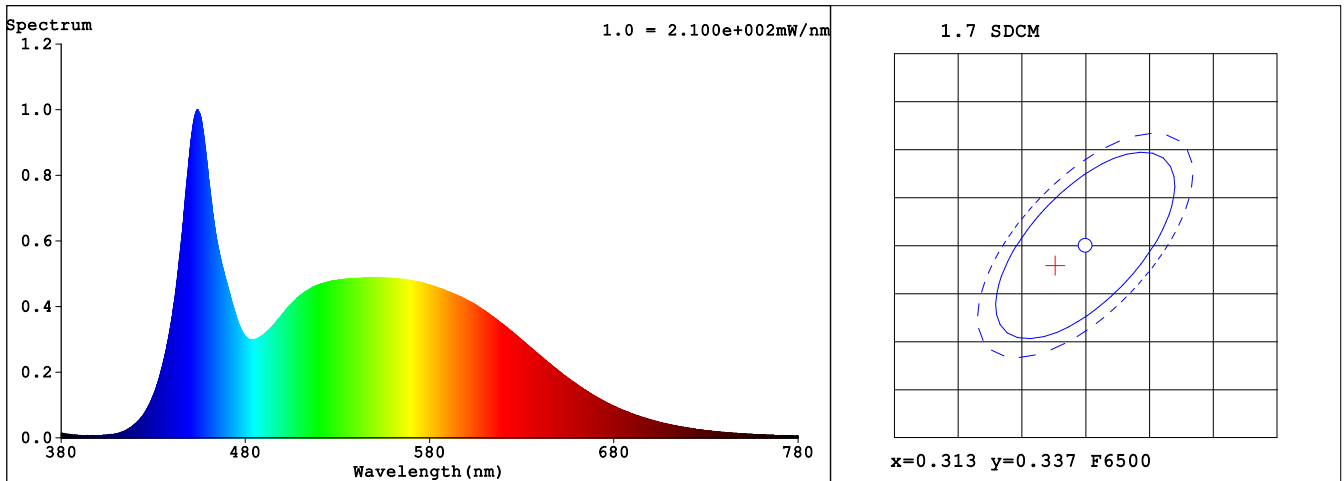
## Spectrum Test Report

Sample	:		Date	:	2024-07-05
Specification	:		Standard	:	tus
Sample No.	:	50D-5	Instrument	:	HaasSuite(EVERFINE)
Manufacturer	:		Test by	:	
Assessor	:	damin			
Remark	:				

### Test Condition

Temperature	:	25.3Deg	RH	:	65.0%
WL Range	:	380nm-780nm	IP	:	53370 (81%)
Test Mode	:	Fast Test	T	:	34 ms
Sensitivity	:	High			

### Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

### Colorimetric Parameters

Chromaticity Coordinate:  $x = 0.3106$   $y = 0.3349$  /  $u' = 0.1942$   $v' = 0.4711$  ( $duv=7.23e-03$ )

CCT= 6570K Prcp WL:  $L_d=492.6nm$  Purity=7.6%

Peak WL:  $L_p=454nm$  FWHM: =25.3nm Ratio:R=13.3% G=80.5% B=6.2%

Render Index:  $R_a = 84.8$

R1 =82 R2 =90 R3 =94 R4 =82 R5 =83 R6 =86 R7 =89

R8 =71 R9 =14 R10=77 R11=81 R12=60 R13=85 R14=97 R15=77

### Photometric & Radiometric Parameters

Flux = 6749.3 lm Eff. : 136.91 lm/W  $F_e = 22.024 W$  Scotopic:15689 S/P:2.3245

### Electrical parameters

V = 229.8 V I = 0.2195 A P = 49.30 W PF = 0.9777 F=49.99 Hz