

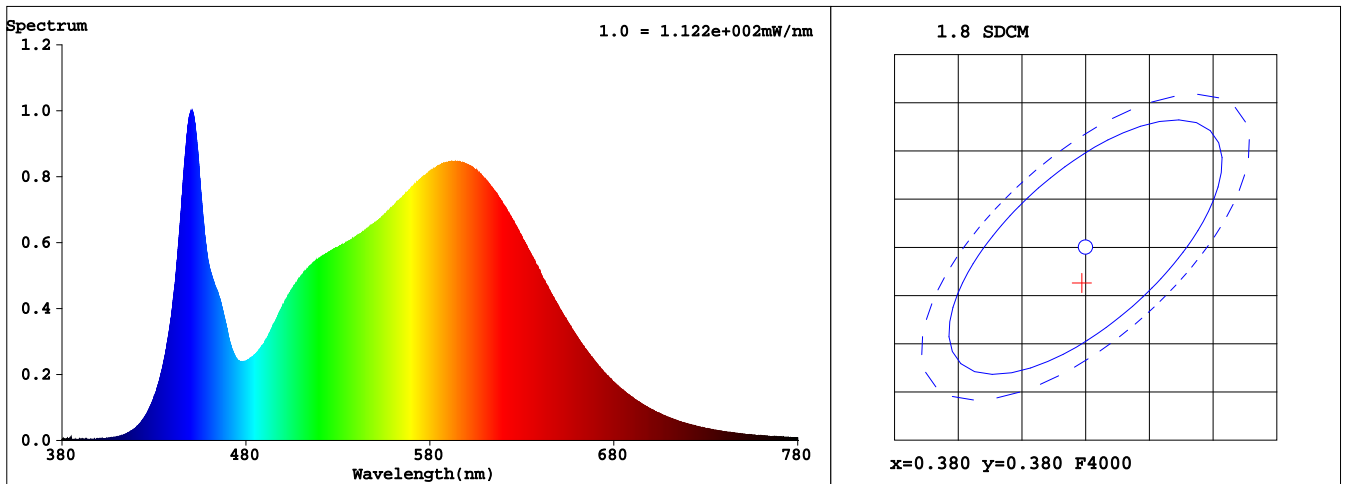
## Spectrum Test Report

Sample	:	Date	: 2023-11-23 15:43:57
Specification	:	Standardtus	:
Sample No.	:	Instrument	: HaasSuite(EVERFINE)
Manufacturer	:	Test by	: DAMIN
Assessor	: damin		
Remark	:		

### Test Condition

Temperature	: 25.3Deg	RH	: 65.0%
WL Range	: 380nm-780nm	IP	: 48854 (75%)
Test Mode	: Accuracy Test	T	: 191 ms
Sensitivity	: Low		

### Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

### Colorimetric Parameters

Chromaticity Coordinate:  $x = 0.3797$   $y = 0.3763$  /  $u' = 0.2248$   $v' = 0.5013$  ( $duv = -7.14e-06$ )  $Du, Dv: 0.0000, -0.0000$

CCT= 4017K Prcp WL:  $L_d = 579.0nm$  Purity=26.9%

Peak WL:  $L_p = 451nm$  FWHM: =19.5nm Ratio: R=18.2% G=78.2% B=3.6%

Render Index:  $R_a = 82.5$

R1 =81 R2 =89 R3 =95 R4 =81 R5 =81 R6 =85 R7 =85  
 R8 =63 R9 =4 R10=75 R11=81 R12=63 R13=83 R14=98 R15=74

### Photometric & Radiometric Parameters

Flux = 5391.8 lm Eff. : 173.17 lm/W  $F_e = 16.229 W$

### Electrical parameters

$V = 88.91 V$   $I = 0.3502 A$   $P = 31.14 W$  PF = 1.000 F=0.00 Hz

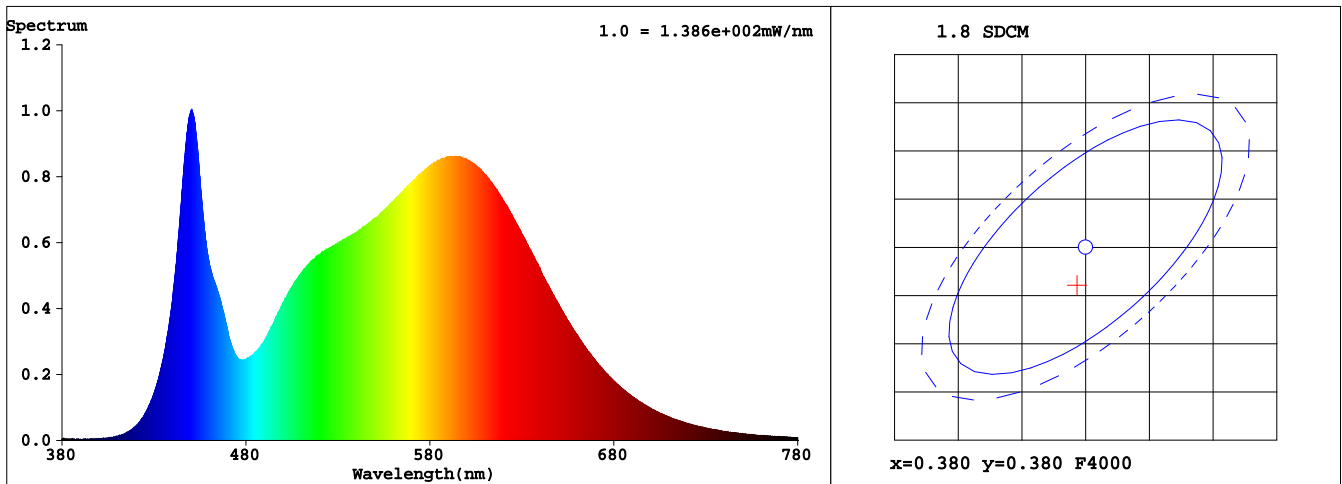
## Spectrum Test Report

Sample	:	Date	:	2023-11-23 15:45:13
Specification	:	Standard	:	
Sample No.	:	Instrument	:	HaasSuite(EVERFINE)
Manufacturer	:	Test by	:	DAMIN
Assessor	:			
Remark	:			

### Test Condition

Temperature	:	25.3Deg	RH	:	65.0%
WL Range	:	380nm-780nm	IP	:	48875 (75%)
Test Mode	:	Accuracy Test	T	:	152 ms
Sensitivity	:	Low			

### Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

### Colorimetric Parameters

Chromaticity Coordinate:  $x = 0.3793$   $y = 0.3761$  /  $u' = 0.2247$   $v' = 0.5011$  ( $duv = -1.20e-05$ )  $Du, Dv: 0.0000, 0.0000$

CCT= 4026K Prcp WL:  $Ld=579.0nm$  Purity=26.7%

Peak WL:  $Lp=450nm$  FWHM:  $=20.4nm$  Ratio: R=18.1% G=78.2% B=3.6%

Render Index:  $Ra = 82.4$

R1 =81 R2 =89 R3 =95 R4 =81 R5 =81 R6 =85 R7 =85  
 R8 =63 R9 =3 R10=74 R11=80 R12=63 R13=83 R14=98 R15=74

### Photometric & Radiometric Parameters

Flux = 6785.2 lm Eff. : 166.88 lm/W  $Fe = 20.436 W$

### Electrical parameters

$V = 90.34 V$   $I = 0.4501 A$   $P = 40.66 W$  PF = 1.000 F=0.00 Hz

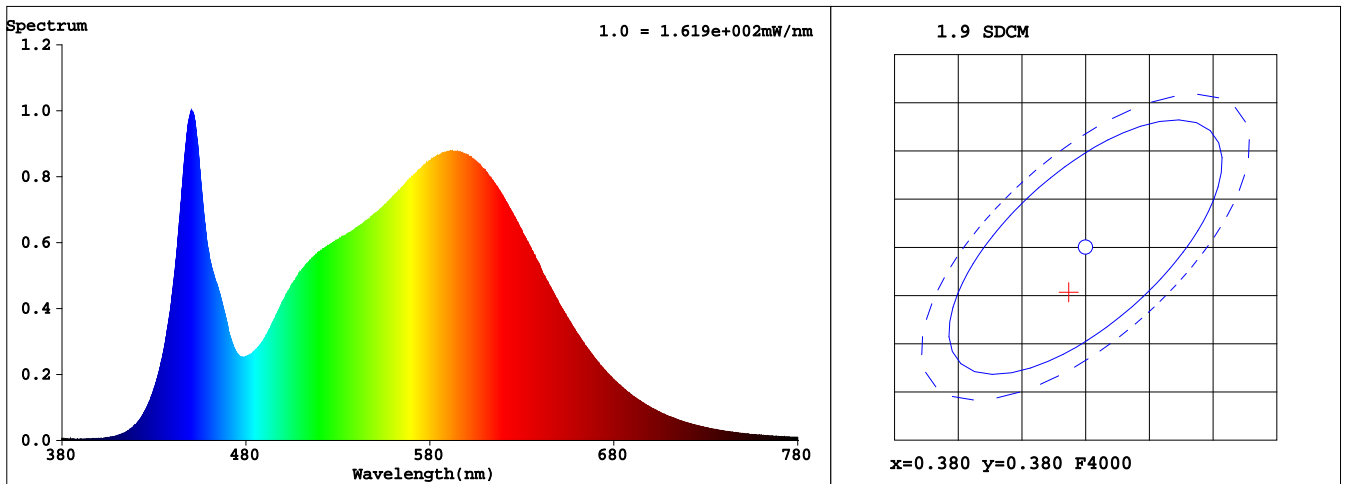
## Spectrum Test Report

Sample	:	Date	:	2023-11-23 15:45:43
Specification	:	Standard	:	Standard
Sample No.	:	Instrument	:	HaasSuite(EVERFINE)
Manufacturer	:	Test by	:	DAMIN
Assessor	:			
Remark	:			

### Test Condition

Temperature	:	25.3Deg	RH	:	65.0%
WL Range	:	380nm-780nm	IP	:	48546 (74%)
Test Mode	:	Accuracy Test	T	:	127 ms
Sensitivity	:	Low			

### Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

### Colorimetric Parameters

Chromaticity Coordinate:  $x = 0.3787$   $y = 0.3753$  /  $u' = 0.2245$   $v' = 0.5007$  ( $duv = -1.55e-04$ )  $Du, Dv: 0.0001, -0.0001$

CCT= 4038K Prcp WL:  $L_d = 579.0nm$  Purity=26.3%

Peak WL:  $L_p = 450nm$  FWHM:  $\approx 21.6nm$  Ratio: R=18.1% G=78.3% B=3.7%

Render Index:  $R_a = 82.3$

R1 =80 R2 =89 R3 =95 R4 =81 R5 =81 R6 =85 R7 =85

R8 =62 R9 =3 R10=74 R11=80 R12=63 R13=83 R14=98 R15=74

### Photometric & Radiometric Parameters

Flux = 8072.0 lm Eff. : 160.23 lm/W  $F_e = 24.354 W$

### Electrical parameters

V = 91.60 V I = 0.5500 A P = 50.38 W PF = 1.000 F=0.00 Hz