

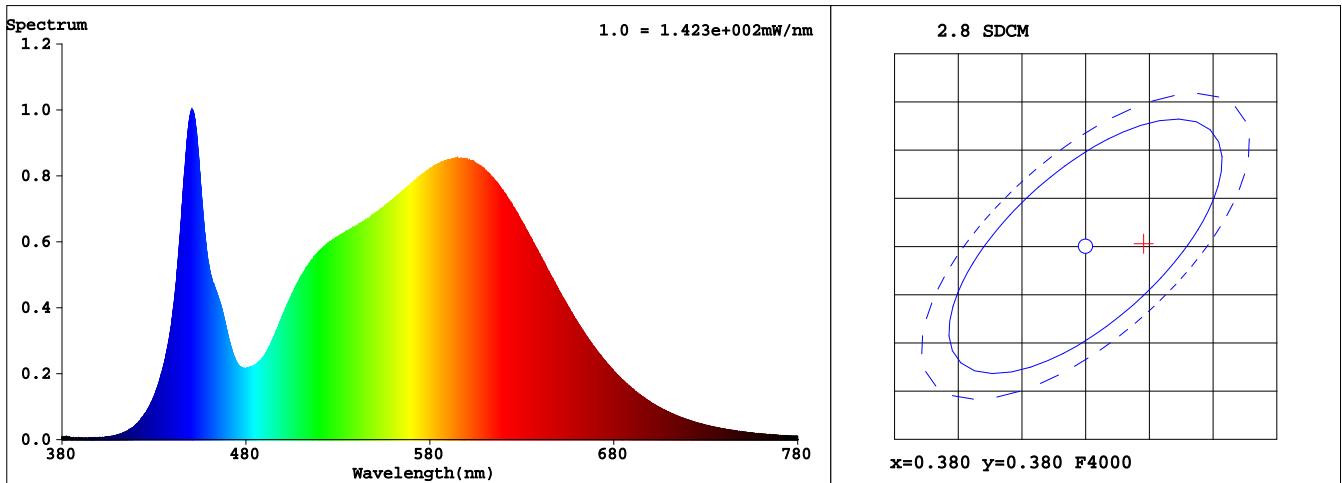
## Spectrum Test Report

Sample :	Date : 2024-07-29 14:10:16
Specification : DK286-4F-12S12P-2835	Sam. Status :
Sample No. : 1100MA-21350	Standard :
Manufacturer :	Instrument : HaasSuite(EVERFINE)
Assessor : damin	Test by : DAMIN
Remark :	
Device SN : PMS-80	

### Test Condition

Temperature : 25.3Deg	RH : 65.0%
WL Range : 380nm-780nm	IP : 55845 (85%)
Test Mode : Fast Test	T : 22 ms
Sensitivity : High	

### Spectrum



### Colorimetric Parameters

Chromaticity Coordinate:  $x = 0.3845$   $y = 0.3803$  /  $u' = 0.2264$   $v' = 0.5037$  ( $duv=4.66e-04$ )  
 CCT= 3917K Prcp WL:  $L_d=579.1nm$  Purity=29.5%  
 Peak WL:  $L_p=451nm$  FWHM: =18.5nm Ratio:R=18.6% G=78.1% B=3.3%  
 Render Index:  $R_a = 82.9$   
 LER=330  $\eta=0.578$  CQS=82  
 GAI\_EES=72 GAI\_BB8=93 GAI\_BB15=99 FCI=98 TLCI=67.48 EEI: 0.07132 A++ Highest  
 R1 =81 R2 =88 R3 =94 R4 =82 R5 =81 R6 =84 R7 =87  
 R8 =65 R9 =11 R10=72 R11=81 R12=60 R13=83 R14=96 R15=76

### Photometric & Radiometric Parameters

Flux = 7002.3 lm Eff. : 191.01 lm/W Fe = 21.204 W

### Electrical parameters

V = 33.32 V I = 1.100 A P = 36.66 W PF = 1.000 F=0.00 Hz

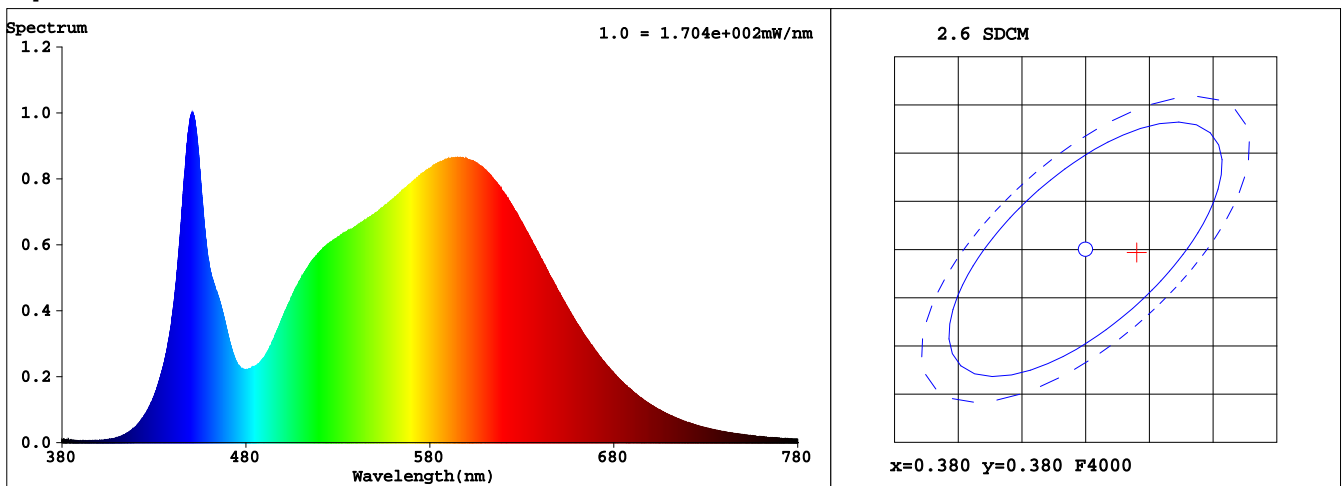
## Spectrum Test Report

Sample :	Date : 2024-07-29 14:10:57
Specification : DK286-4F-12S12P-2835	Sam. Status :
Sample No. : 1350MA-21350	Standard :
Manufacturer :	Instrument : HaasSuite(EVERFINE)
Assessor : damin	Test by : DAMIN
Remark :	
Device SN : PMS-80	

### Test Condition

Temperature : 25.3Deg	RH : 65.0%
WL Range : 380nm-780nm	IP : 52355 (80%)
Test Mode : Fast Test	T : 17 ms
Sensitivity : High	

### Spectrum



### Colorimetric Parameters

Chromaticity Coordinate:  $x = 0.3840$   $y = 0.3797$  /  $u' = 0.2263$   $v' = 0.5034$  ( $duv=3.36e-04$ )  
 CCT= 3926K Prcp WL:  $L_d=579.2nm$  Purity=29.2%  
 Peak WL:  $L_p=451nm$  FWHM: =19.4nm Ratio:R=18.6% G=78.1% B=3.3%  
 Render Index:  $R_a = 82.8$   
 LER=330  $\eta=0.565$  CQS=82  
 GAI\_EES=72 GAI\_BB8=93 GAI\_BB15=99 FCI=98 TLCI=67.18 EEI: 0.07304 A++ Highest  
 R1 =81 R2 =88 R3 =94 R4 =82 R5 =81 R6 =84 R7 =86  
 R8 =65 R9 =10 R10=72 R11=81 R12=60 R13=83 R14=96 R15=76

### Photometric & Radiometric Parameters

Flux = 8495.8 lm Eff. : 186.49 lm/W Fe = 25.757 W

### Electrical parameters

V = 33.75 V I = 1.350 A P = 45.56 W PF = 1.000 F=0.00 Hz

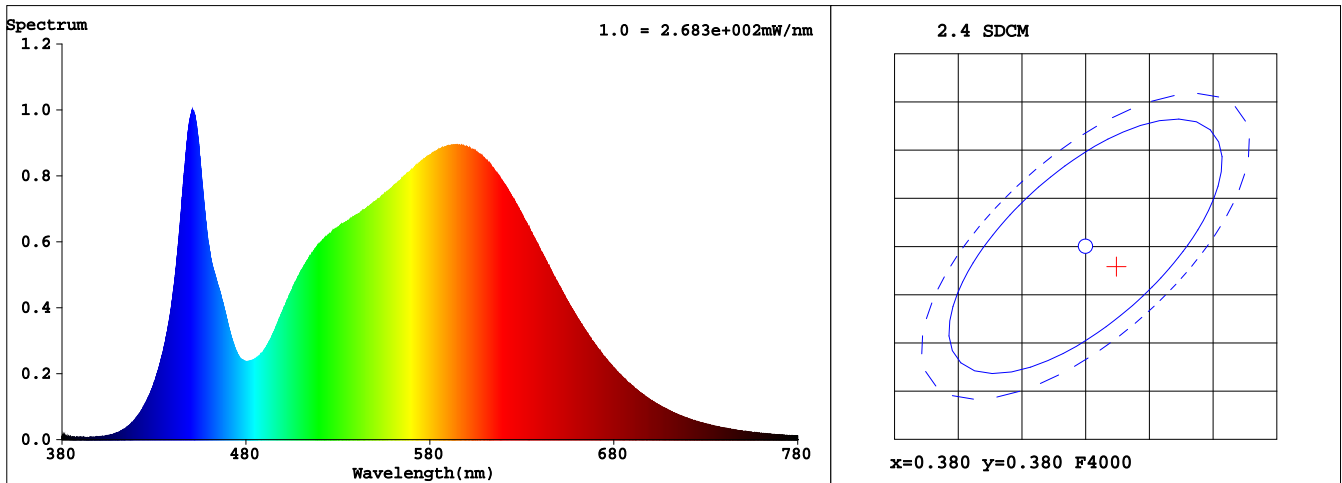
## Spectrum Test Report

Sample	:	Date	:	2024-07-29 14:11:43
Specification	:	Sam. Status	:	
Sample No.	:	Standard	:	
Manufacturer	:	Instrument	:	HaasSuite(EVERFINE)
Assessor	:	Test by	:	DAMIN
Remark	:			
Device SN	:			

### Test Condition

Temperature	:	25.3Deg	RH	:	65.0%
WL Range	:	380nm-780nm	IP	:	50025 (76%)
Test Mode	:	Fast Test	T	:	10 ms
Sensitivity	:	High			

### Spectrum



### Colorimetric Parameters

Chromaticity Coordinate:  $x = 0.3824$   $y = 0.3779$  /  $u' = 0.2260$   $v' = 0.5024$  ( $duv = -3.87e-05$ )  
 CCT= 3955K Prcp WL:  $L_d = 579.3nm$  Purity=28.2%  
 Peak WL:  $L_p = 451nm$  FWHM: =21.5nm Ratio:R=18.4% G=78.2% B=3.4%  
 Render Index:  $R_a = 82.6$   
 LER=329  $\eta = 0.518$  CQS=82  
 GAI\_EES=73 GAI\_BB8=93 GAI\_BB15=99 FCI=98 TLCI=66.49 EEI: 0.07997 A++ Highest  
 R1 =81 R2 =88 R3 =94 R4 =82 R5 =81 R6 =84 R7 =86  
 R8 =65 R9 =9 R10=72 R11=80 R12=61 R13=83 R14=96 R15=75

### Photometric & Radiometric Parameters

Flux = 13833 lm Eff. : 170.34 lm/W Fe = 42.098 W

### Electrical parameters

V = 35.31 V I = 2.300 A P = 81.21 W PF = 1.000 F=0.00 Hz

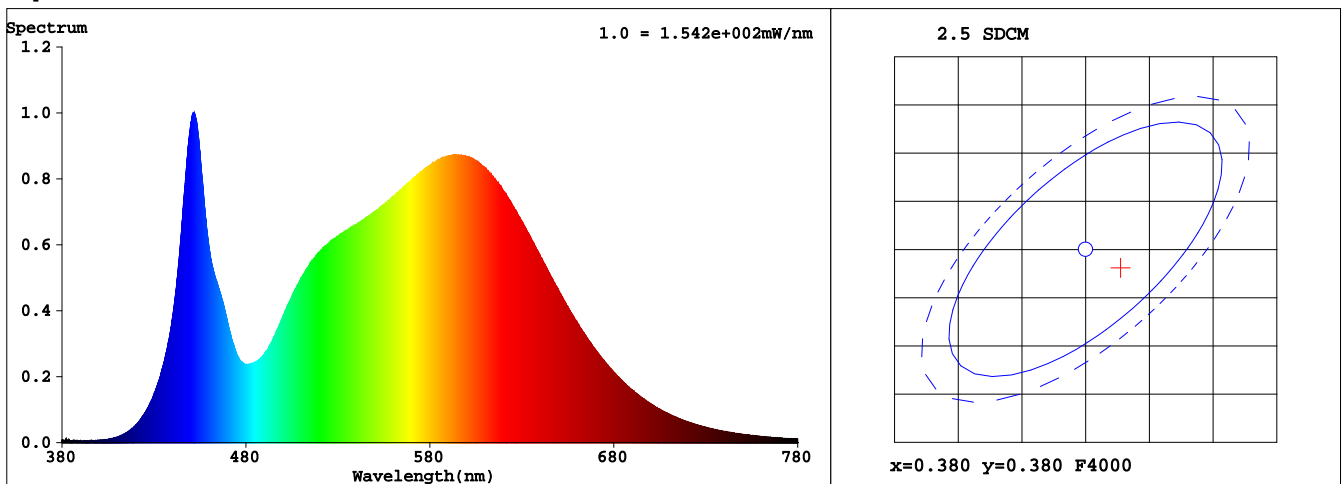
## Spectrum Test Report

Sample	:	Date	:	2024-07-29 14:12:18
Specification	:	Sam. Status	:	
Sample No.	:	Standard	:	
Manufacturer	:	Instrument	:	HaasSuite(EVERFINE)
Assessor	:	Test by	:	DAMIN
Remark	:			
Device SN	:			

### Test Condition

Temperature	:	25.3Deg	RH	:	65.0%
WL Range	:	380nm-780nm	IP	:	53351 (81%)
Test Mode	:	Fast Test	T	:	19 ms
Sensitivity	:	High			

### Spectrum



### Colorimetric Parameters

Chromaticity Coordinate:  $x = 0.3827$   $y = 0.3781$  /  $u' = 0.2261$   $v' = 0.5025$  ( $duv = -4.78e-05$ )  
 CCT= 3948K Prcp WL:  $L_d = 579.3nm$  Purity=28.3%  
 Peak WL:  $L_p = 452nm$  FWHM: =20.7nm Ratio:R=18.5% G=78.1% B=3.4%  
 Render Index:  $R_a = 82.9$   
 LER=329  $\eta = 0.567$  CQS=82  
 GAI\_EES=73 GAI\_BB8=93 GAI\_BB15=99 FCI=98 TLCI=67.48 EEI: 0.07318 A++ Highest  
 R1 =81 R2 =89 R3 =94 R4 =82 R5 =81 R6 =84 R7 =86  
 R8 =65 R9 =11 R10=73 R11=80 R12=61 R13=83 R14=97 R15=76

### Photometric & Radiometric Parameters

Flux = 7753.0 lm Eff. : 186.14 lm/W Fe = 23.601 W

### Electrical parameters

V = 33.35 V I = 1.249 A P = 41.65 W PF = 1.000 F=0.00 Hz