

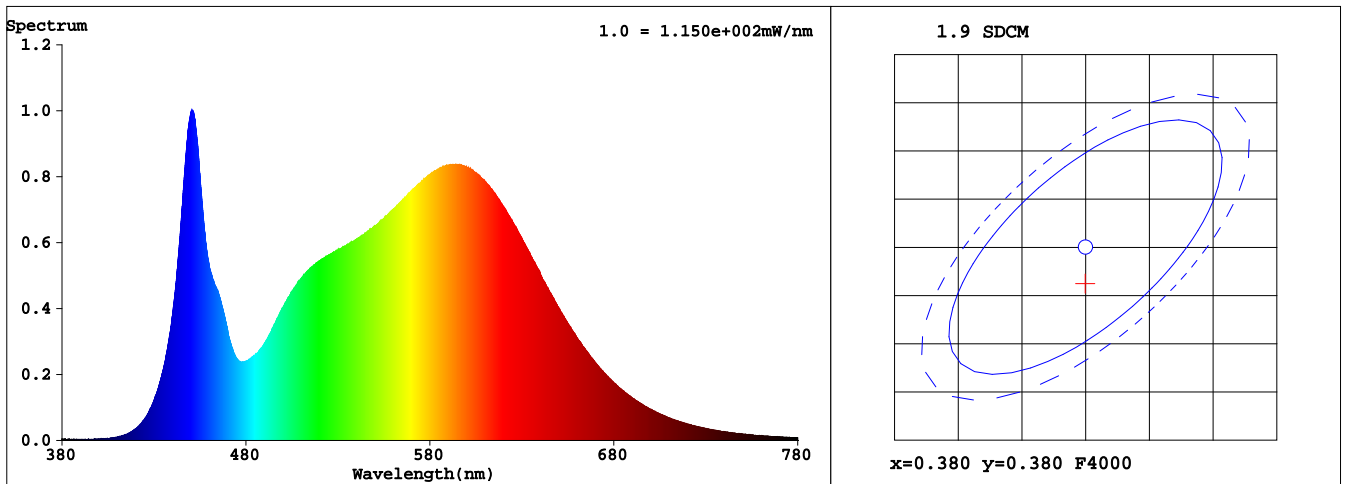
## Spectrum Test Report

Sample	:	Date	: 2023-11-23 15:36:59
Specification	: LL286-2835-128LED-21130	Standardtus	:
Sample No.	: 1120X20MM-32S4P	Instrument	: HaasSuite(EVERFINE)
Manufacturer	:	Test by	: DAMIN
Assessor	: damin		
Remark	:		

### Test Condition

Temperature	: 25.3Deg	RH	: 65.0%
WL Range	: 380nm-780nm	IP	: 49053 (75%)
Test Mode	: Accuracy Test	T	: 189 ms
Sensitivity	: Low		

### Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

### Colorimetric Parameters

Chromaticity Coordinate:  $x = 0.3800$   $y = 0.3762$  /  $u' = 0.2250$   $v' = 0.5013$  ( $duv = -1.25e-04$ )  $Du, Dv: 0.0000, -0.0001$

CCT= 4007K Prcp WL:  $Ld=579.1nm$  Purity=26.9%

Peak WL:  $Lp=451nm$  FWHM:  $=19.0nm$  Ratio: R=18.2% G=78.1% B=3.7%

Render Index:  $Ra = 82.6$

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 = 5459.9 lm Eff. : 178.31 lm/W Fe = 16.444 W

### Electrical parameters

V = 87.44 V I = 0.3502 A P = 30.62 W PF = 1.000 F=0.00 Hz

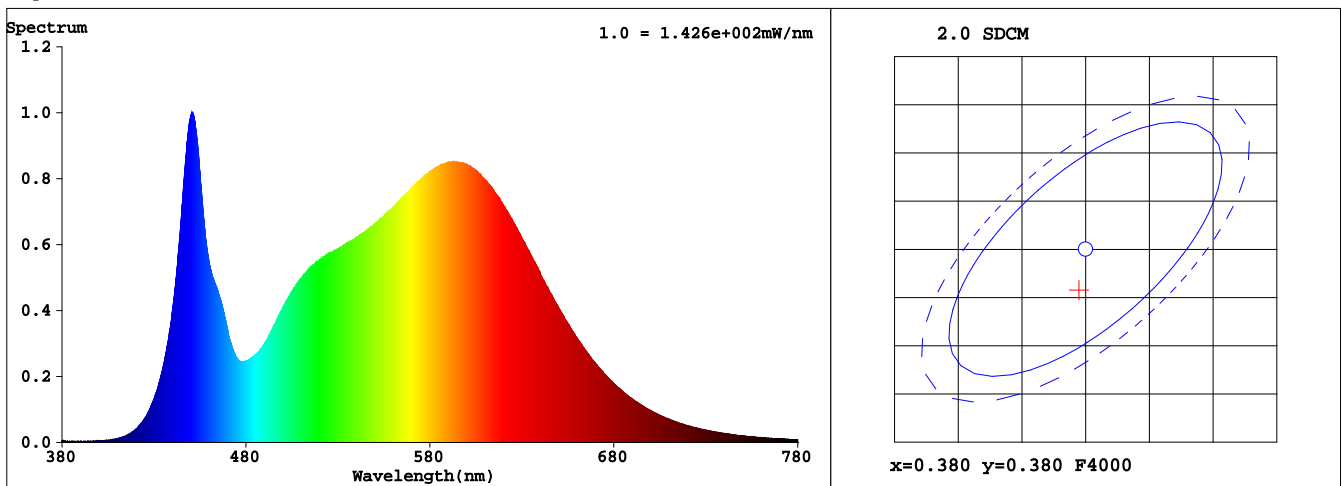
## Spectrum Test Report

Sample	:	Date	: 2023-11-23 15:38:18
Specification	: LL286-2835-128LED-21130	Standardtus	:
Sample No.	: 1120X20MM-32S4P	Instrument	: HaasSuite(EVERFINE)
Manufacturer	:	Test by	: DAMIN
Assessor	: damin		
Remark	:		

### Test Condition

Temperature	: 25.3Deg	RH	: 65.0%
WL Range	: 380nm-780nm	IP	: 49000 (75%)
Test Mode	: Accuracy Test	T	: 150 ms
Sensitivity	: Low		

### Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

### Colorimetric Parameters

Chromaticity Coordinate:  $x = 0.3795$   $y = 0.3758$  /  $u' = 0.2249$   $v' = 0.5010$  ( $duv = -1.87e-04$ )  $Du, Dv: 0.0001, -0.0002$

CCT= 4019K Prcp WL:  $L_d = 579.1$ nm Purity=26.6%

Peak WL:  $L_p = 451$ nm FWHM:  $\approx 20.0$ nm Ratio: R=18.2% G=78.1% B=3.7%

Render Index:  $R_a = 82.6$

R1 =81 R2 =89 R3 =95 R4 =81 R5 =81 R6 =85 R7 =85  
R8 =63 R9 =4 R10=75 R11=80 R12=63 R13=83 R14=98 R15=74

### Photometric & Radiometric Parameters

Flux = 6887.8 lm Eff. : 172.88 lm/W  $F_e = 20.767$  W

### Electrical parameters

V = 88.52 V I = 0.4501 A P = 39.84 W PF = 1.000 F=0.00 Hz

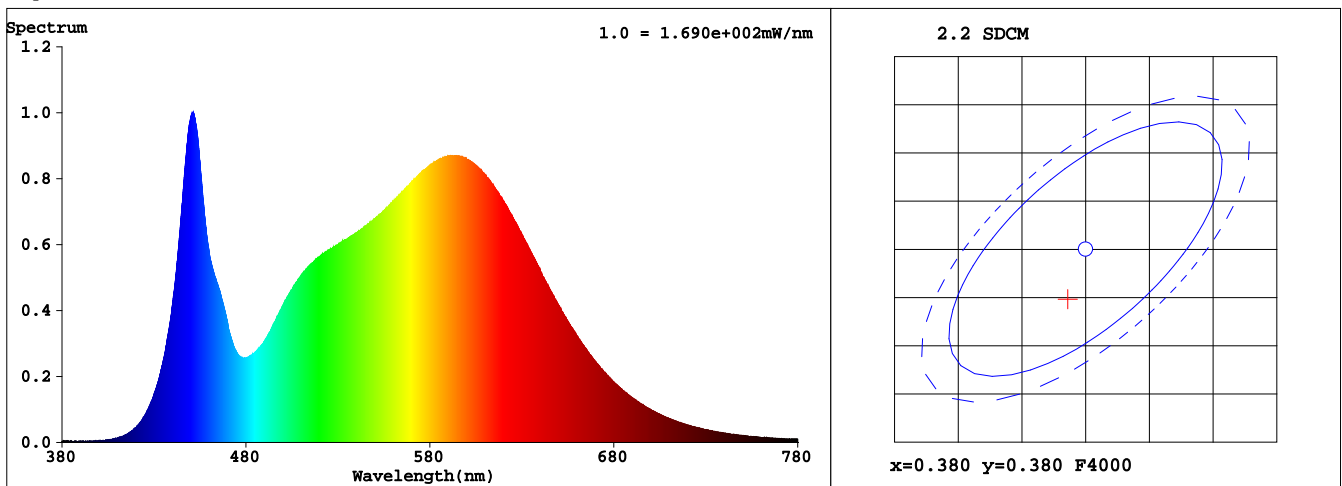
## Spectrum Test Report

Sample	:	Date	: 2023-11-23 15:39:17
Specification	: LL286-2835-128LED-21130	Standardtus	:
Sample No.	: 1120X20MM-32S4P	Instrument	: HaasSuite(EVERFINE)
Manufacturer	:	Test by	: DAMIN
Assessor	: damin		
Remark	:		

### Test Condition

Temperature	: 25.3Deg	RH	: 65.0%
WL Range	: 380nm-780nm	IP	: 48739 (74%)
Test Mode	: Accuracy Test	T	: 123 ms
Sensitivity	: Low		

### Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

### Colorimetric Parameters

Chromaticity Coordinate:  $x = 0.3786$   $y = 0.3748$  /  $u' = 0.2247$   $v' = 0.5004$  ( $duv = -3.76e-04$ )  $Du, Dv: 0.0002, -0.0003$

CCT= 4035K Prcp WL:  $L_d = 579.2nm$  Purity=26.1%

Peak WL:  $L_p = 451nm$  FWHM:  $\approx 21.5nm$  Ratio: R=18.1% G=78.2% B=3.7%

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=80	R12=63	R13=83	R14=98	R15=74

### Photometric & Radiometric Parameters

Flux = 8343.9 lm Eff. : 166.41 lm/W  $F_e = 25.215 W$

### Electrical parameters

$V = 89.54 V$   $I = 0.5600 A$   $P = 50.14 W$  PF = 1.000 F=0.00 Hz