

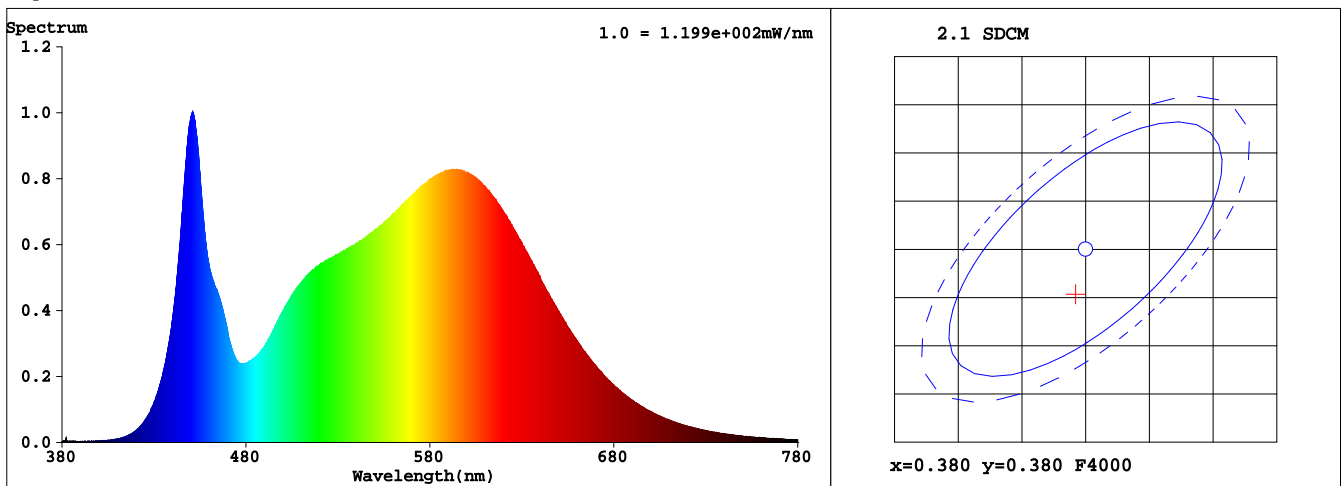
Spectrum Test Report

Sample	:	Date	:	2023-11-23 16:02:58
Specification	:	Standardtus	:	
Sample No.	:	Instrument	:	HaasSuite(EVERFINE)
Manufacturer	:	Test by	:	DAMIN
Assessor	:			
Remark	:			

Test Condition

Temperature	:	25.3Deg	RH	:	65.0%
WL Range	:	380nm-780nm	IP	:	48934 (75%)
Test Mode	:	Accuracy Test	T	:	183 ms
Sensitivity	:	Low			

Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3792$ $y = 0.3753$ / $u' = 0.2249$ $v' = 0.5008$ ($duv = -3.17e-04$) $Du, Dv: 0.0001, -0.0003$

CCT= 4021K Prcp WL: Ld=579.2nm Purity=26.4%

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

Render Index: Ra = 82.7

R1 =81	R2 =90	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=75

Photometric & Radiometric Parameters

Flux = 5627.4 lm Eff. : 179.92 lm/W Fe = 16.977 W

Electrical parameters

V = 130.27 V I = 0.2401 A P = 31.28 W PF = 1.000 F=0.00 Hz

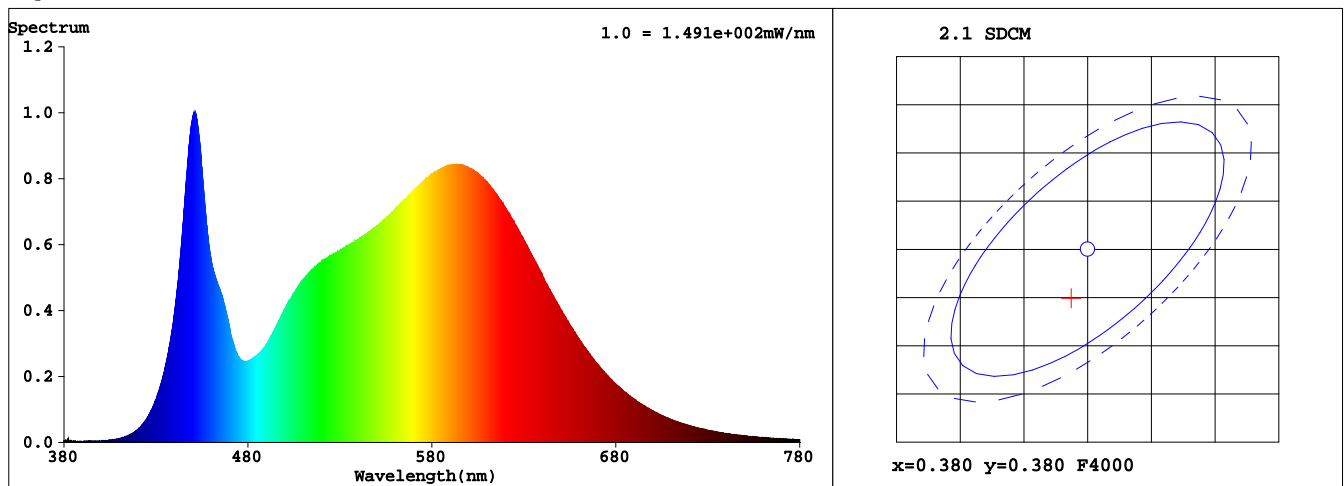
Spectrum Test Report

Sample	:	Date	: 2023-11-23 16:03:51
Specification	: LL286-2835-144LED-21131	Standardtus	:
Sample No.	: 1120X20MM-48S3P	Instrument	: HaasSuite(EVERFINE)
Manufacturer	:	Test by	: DAMIN
Assessor	: damin		
Remark	:		

Test Condition

Temperature	: 25.3Deg	RH	: 65.0%
WL Range	: 380nm-780nm	IP	: 49086 (75%)
Test Mode	: Accuracy Test	T	: 145 ms
Sensitivity	: Low		

Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3787$ $y = 0.3749$ / $u' = 0.2247$ $v' = 0.5005$ ($duv = -3.66e-04$) $Du, Dv: 0.0002, -0.0003$

CCT= 4033K Prcp WL: $L_d = 579.2nm$ Purity=26.2%

Peak WL: $L_p = 451nm$ FWHM: $\approx 20.1nm$ Ratio: R=18.2% G=78.1% B=3.7%

Render Index: $R_a = 82.6$

R1 =81 R2 =90 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 = 7134.8 lm Eff. : 174.67 lm/W $F_e = 21.546 W$

Electrical parameters

V = 131.77 V I = 0.3100 A P = 40.85 W PF = 1.000 F=0.00 Hz

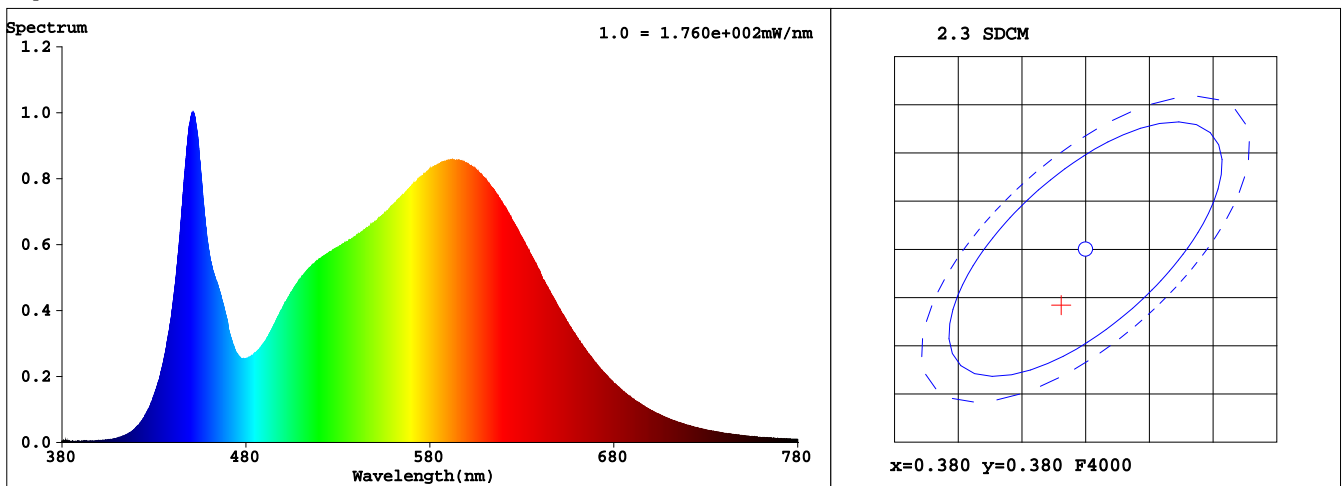
Spectrum Test Report

Sample	:	Date	: 2023-11-23 16:04:48
Specification	: LL286-2835-144LED-21131	Standardtus	:
Sample No.	: 1120X20MM-48S3P	Instrument	: HaasSuite(EVERFINE)
Manufacturer	:	Test by	: DAMIN
Assessor	: damin		
Remark	:		

Test Condition

Temperature	: 25.3Deg	RH	: 65.0%
WL Range	: 380nm-780nm	IP	: 49144 (75%)
Test Mode	: Accuracy Test	T	: 121 ms
Sensitivity	: Low		

Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3781$ $y = 0.3742$ / $u' = 0.2246$ $v' = 0.5001$ ($duv = -5.10e-04$) $Du, Dv: 0.0003, -0.0004$

CCT= 4046K Prcp WL: $Ld=579.2nm$ Purity=25.8%

Peak WL: $Lp=451nm$ FWHM: $=21.2nm$ Ratio: R=18.1% G=78.2% 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=80 R12=63 R13=83 R14=98 R15=74

Photometric & Radiometric Parameters

Flux = 8562.9 lm Eff. : 169.28 lm/W $Fe = 25.902 W$

Electrical parameters

$V = 133.12 V$ $I = 0.3800 A$ $P = 50.59 W$ PF = 1.000 F=0.00 Hz