

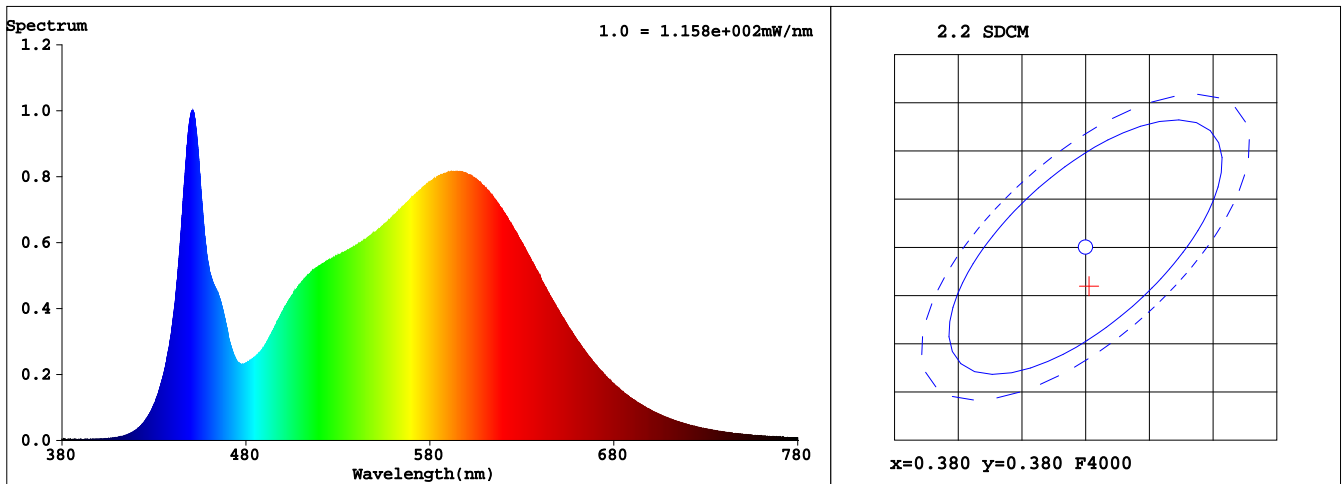
Spectrum Test Report

Sample	:	Date	:	2023-11-23 16:21:05
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	:	48930 (75%)
Test Mode	:	Accuracy Test	T	:	192 ms
Sensitivity	:	Low			

Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3803$ $y = 0.3760$ / $u' = 0.2253$ $v' = 0.5012$ ($duv = -3.28e-04$) $Du, Dv: 0.0002, -0.0003$

CCT= 3999K Prcp WL: $Ld=579.3nm$ Purity=26.9%

Peak WL: $Lp=451nm$ FWHM: =18.0nm Ratio:R=18.3% G=78.0% B=3.7%

Render Index: $Ra = 82.9$

R1 =81 R2 =90 R3 =95 R4 =82 R5 =82 R6 =86 R7 =85
 R8 =63 R9 =5 R10=76 R11=81 R12=63 R13=83 R14=98 R15=75

Photometric & Radiometric Parameters

Flux = 5347.7 lm Eff. : 181.81 lm/W Fe = 16.119 W

Electrical parameters

V = 32.66 V I = 0.9005 A P = 29.41 W PF = 1.000 F=0.00 Hz

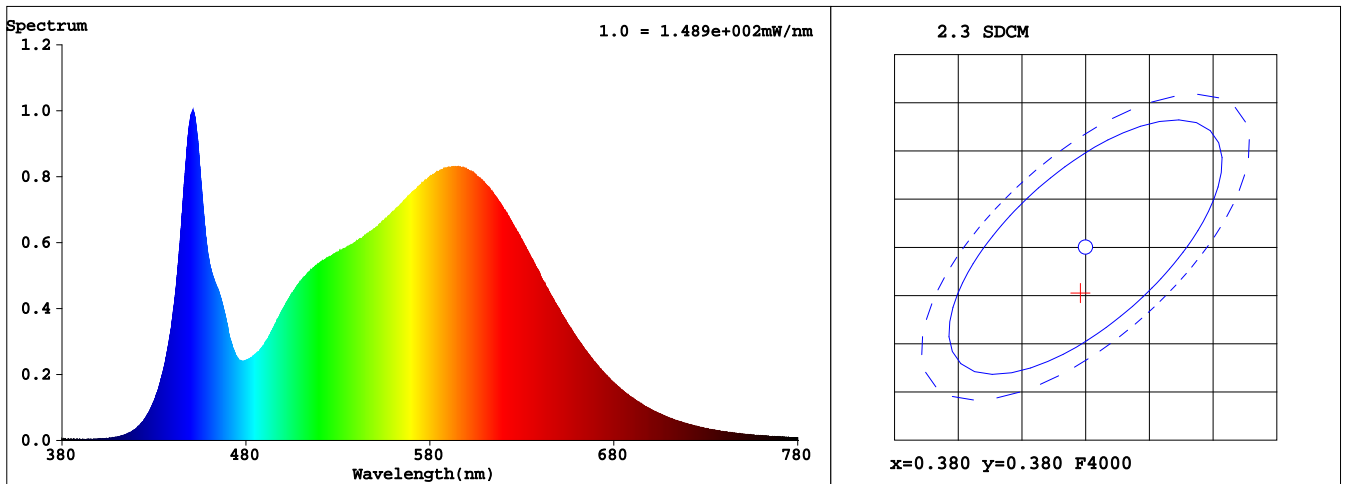
Spectrum Test Report

Sample	:	Date	: 2023-11-23 16:21:52
Specification	: LL286-2835-192LED-21132	Standardtus	:
Sample No.	: 1120X20MM-12S16P	Instrument	: HaasSuite(EVERFINE)
Manufacturer	:	Test by	: DAMIN
Assessor	: damin		
Remark	:		

Test Condition

Temperature	: 25.3Deg	RH	: 65.0%
WL Range	: 380nm-780nm	IP	: 48992 (75%)
Test Mode	: Accuracy Test	T	: 147 ms
Sensitivity	: Low		

Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3796$ $y = 0.3752$ / $u' = 0.2252$ $v' = 0.5008$ ($duv = -4.66e-04$) $Du, Dv: 0.0003, -0.0004$

CCT= 4012K Prcp WL: $L_d = 579.3nm$ Purity=26.5%

Peak WL: $L_p = 451nm$ FWHM: =19.3nm Ratio: R=18.3% G=78.0% B=3.7%

Render Index: $R_a = 82.8$

R1 =81 R2 =90 R3 =95 R4 =81 R5 =81 R6 =86 R7 =85

R8 =63 R9 =5 R10=76 R11=81 R12=63 R13=83 R14=98 R15=75

Photometric & Radiometric Parameters

Flux = 7002.8 lm Eff. : 176.21 lm/W $F_e = 21.144 W$

Electrical parameters

V = 33.12 V I = 1.200 A P = 39.74 W PF = 1.000 F=0.00 Hz

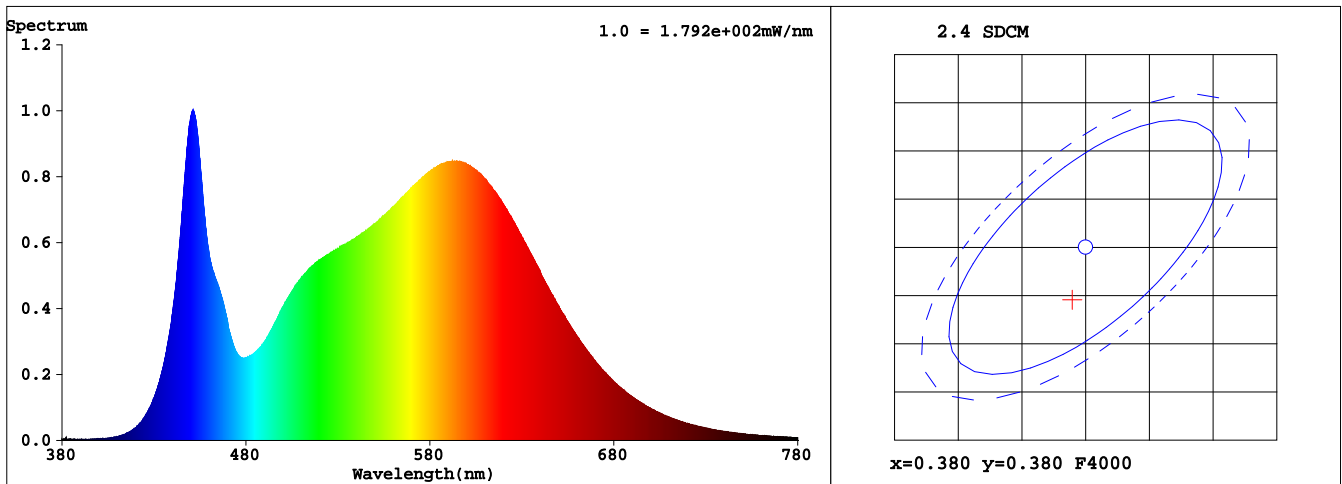
Spectrum Test Report

Sample	:	Date	:	2023-11-23 16:22:35
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	:	49072 (75%)
Test Mode	:	Accuracy Test	T	:	120 ms
Sensitivity	:	Low			

Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3790$ $y = 0.3745$ / $u' = 0.2250$ $v' = 0.5004$ ($duv = -6.05e-04$) $Du, Dv: 0.0003, -0.0005$

CCT= 4024K Prcp WL: $Ld=579.3nm$ Purity=26.1%

Peak WL: $Lp=451nm$ FWHM: $=20.5nm$ 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 =86 R7 =85
 R8 =63 R9 =5 R10=76 R11=80 R12=63 R13=83 R14=98 R15=75

Photometric & Radiometric Parameters

Flux = 8595.7 lm Eff. : 170.62 lm/W $Fe = 25.996 W$

Electrical parameters

$V = 33.59 V$ $I = 1.500 A$ $P = 50.38 W$ PF = 1.000 F=0.00 Hz