

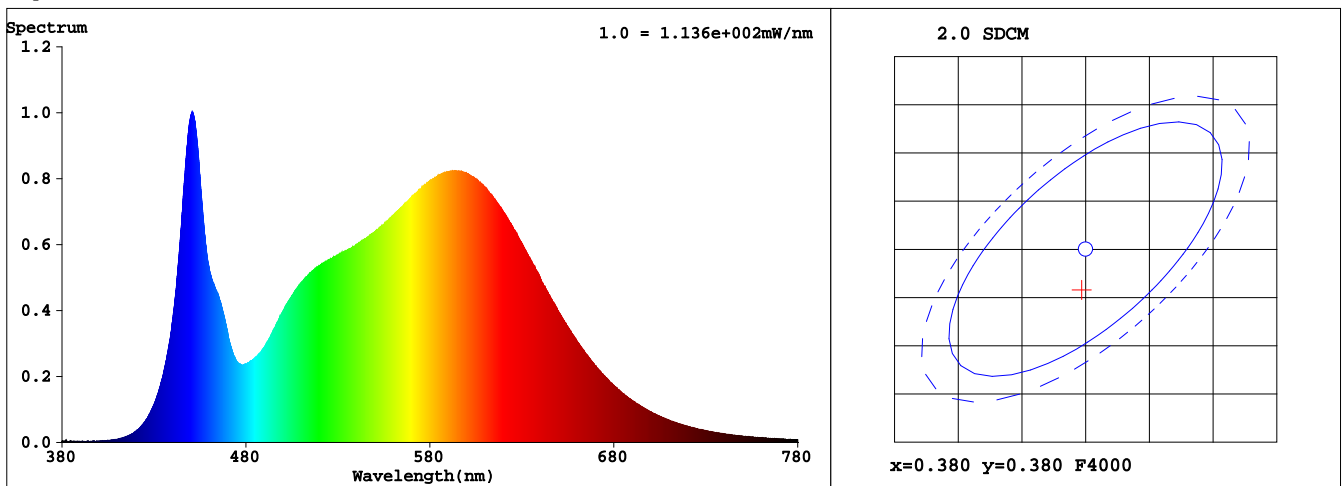
Spectrum Test Report

Sample	:	Date	: 2023-11-23 16:16:13
Specification	: LL286-2835-144LED-21134	Standardtus	:
Sample No.	: 1120X20MM-12S12P	Instrument	: HaasSuite(EVERFINE)
Manufacturer	:	Test by	: DAMIN
Assessor	: damin		
Remark	:		

Test Condition

Temperature	: 25.3Deg	RH	: 65.0%
WL Range	: 380nm-780nm	IP	: 51232 (78%)
Test Mode	: Accuracy Test	T	: 203 ms
Sensitivity	: Low		

Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3797$ $y = 0.3758$ / $u' = 0.2250$ $v' = 0.5010$ ($duv = -2.47e-04$) $Du, Dv: 0.0001, -0.0002$

CCT= 4012K Prcp WL: $L_d = 579.2\text{nm}$ Purity=26.7%

Peak WL: $L_p = 451\text{nm}$ FWHM: =18.6nm Ratio: R=18.2% G=78.1% 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 = 5307.7 lm Eff. : 178.60 lm/W $F_e = 16.003\text{ W}$

Electrical parameters

$V = 33.01\text{ V}$ $I = 0.9003\text{ A}$ $P = 29.72\text{ W}$ PF = 1.000 F=0.00 Hz

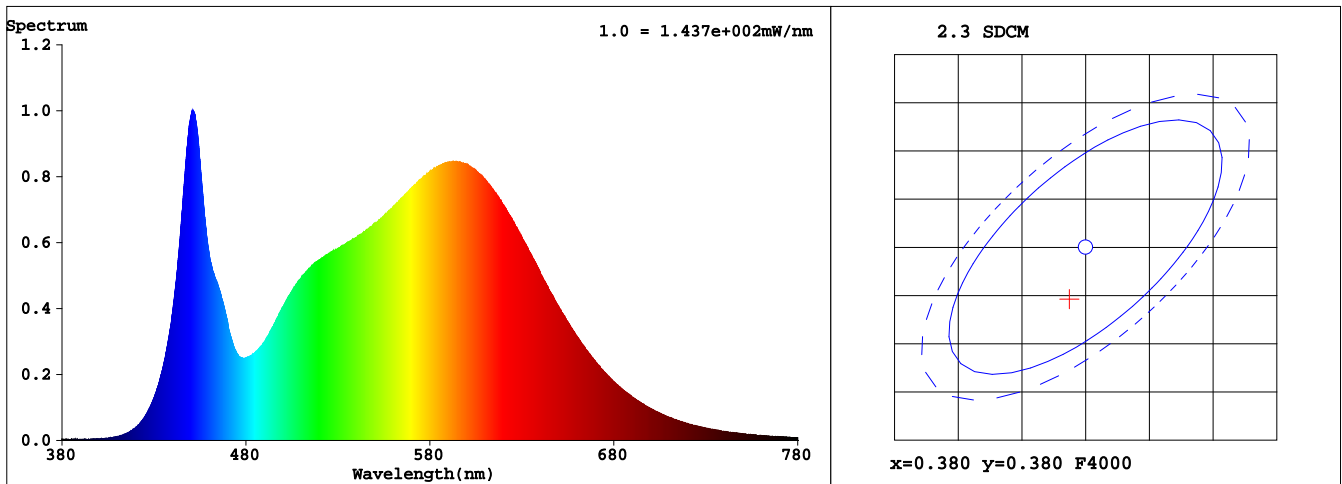
Spectrum Test Report

Sample	:	Date	: 2023-11-23 16:18:14
Specification	: LL286-2835-144LED-21134	Standardtus	:
Sample No.	: 1120X20MM-12S12P	Instrument	: HaasSuite(EVERFINE)
Manufacturer	:	Test by	: DAMIN
Assessor	: damin		
Remark	:		

Test Condition

Temperature	: 25.3Deg	RH	: 65.0%
WL Range	: 380nm-780nm	IP	: 49083 (75%)
Test Mode	: Accuracy Test	T	: 150 ms
Sensitivity	: Low		

Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3787$ $y = 0.3746$ / $u' = 0.2248$ $v' = 0.5004$ ($duv = -5.03e-04$) $Du, Dv: 0.0003, -0.0004$

CCT= 4031K Prcp WL: $L_d = 579.2nm$ Purity=26.1%

Peak WL: $L_p = 451nm$ FWHM: $\approx 20.4nm$ Ratio: R=18.2% G=78.1% B=3.7%

Render Index: $R_a = 82.7$

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 = 6889.7 lm Eff. : 171.36 lm/W $F_e = 20.829 W$

Electrical parameters

V = 33.51 V I = 1.200 A P = 40.21 W PF = 1.000 F=0.00 Hz

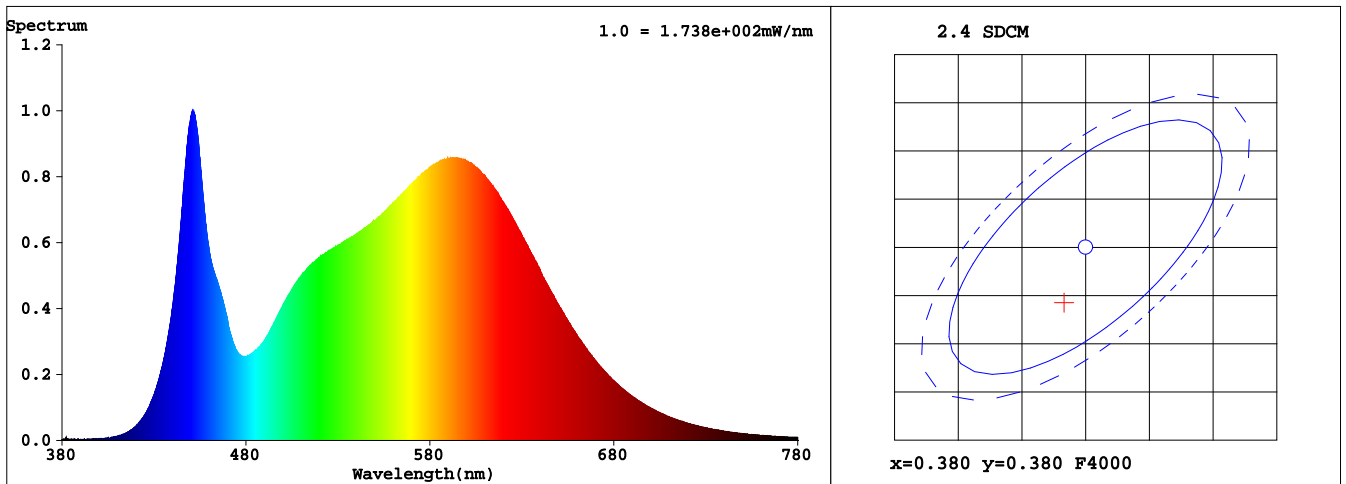
Spectrum Test Report

Sample	:	Date	:	2023-11-23 16:18:48
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	:	48908 (75%)
Test Mode	:	Accuracy Test	T	:	122 ms
Sensitivity	:	Low			

Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3783$ $y = 0.3742$ / $u' = 0.2247$ $v' = 0.5002$ ($duv = -5.58e-04$) $Du, Dv: 0.0003, -0.0005$

CCT= 4041K Prcp WL: $L_d = 579.2nm$ Purity=25.8%

Peak WL: $L_p = 451nm$ FWHM: $\approx 21.3nm$ Ratio: R=18.1% 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=75

Photometric & Radiometric Parameters

Flux = 8450.4 lm Eff. : 165.35 lm/W $F_e = 25.566 W$

Electrical parameters

$V = 34.07 V$ $I = 1.500 A$ $P = 51.11 W$ PF = 1.000 F=0.00 Hz