

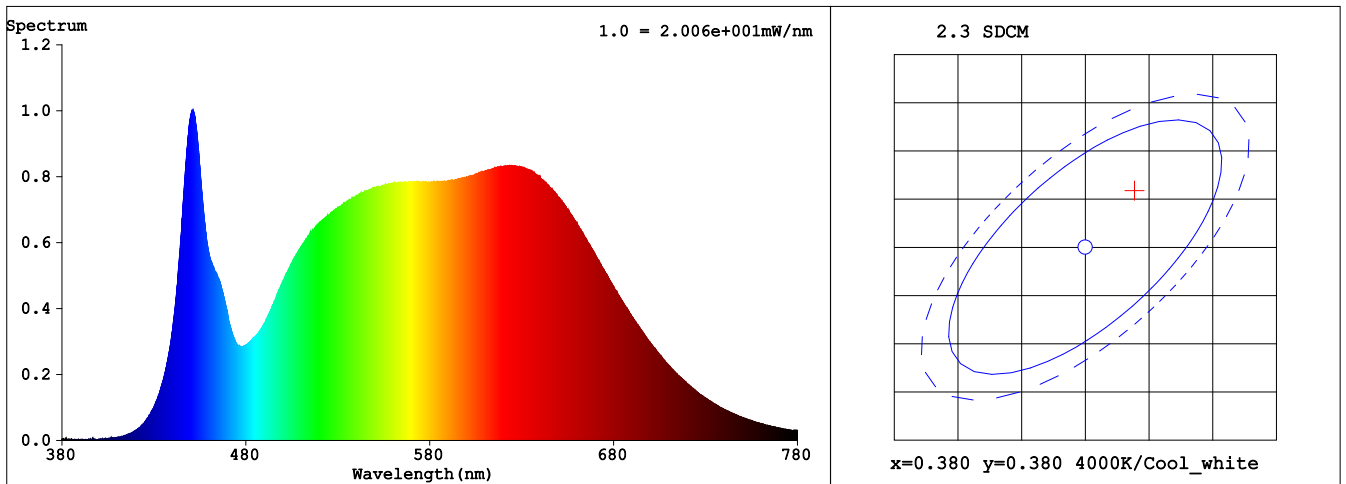
Spectrum Test Report

Sample	:		Date	:	2023-12-29 15:34:02
Specification	:	SMD5050-LIDEL	Standardtus	:	
Sample No.	:		Instrument	:	HaasSuite(EVERFINE)
Manufacturer	:		Test by	:	DAMIN
Assessor	:	damin			
Remark	:				

Test Condition

Temperature	:	25.3Deg	RH	:	65.0%
WL Range	:	380nm-780nm	IP	:	49480 (76%)
Test Mode	:	Accuracy Test	T	:	1079 ms
Sensitivity	:	Low			

Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3839$ $y = 0.3859$ / $u' = 0.2237$ $v' = 0.5060$ ($duv=3.22e-03$) $Du, Dv: -0.0018, 0.0027$
 CCT= 3975K Prcp WL: $Ld=577.6nm$ Purity=31.0%
 Peak WL: $Lp=451nm$ FWHM: $=21.4nm$ Ratio:R=19.4% G=76.9% B=3.7%

Render Index: $Ra = 91.7$

R1 =92 R2 =93 R3 =93 R4 =92 R5 =90 R6 =89 R7 =96
 R8 =89 R9 =69 R10=82 R11=91 R12=66 R13=92 R14=95 R15=90

Photometric & Radiometric Parameters

Flux = 1063.1 lm Eff. : 149.98 lm/W $Fe = 3.6243 W$

Electrical parameters

$V = 32.21 V$ $I = 0.2201 A$ $P = 7.088 W$ PF = 1.000 F=0.00 Hz

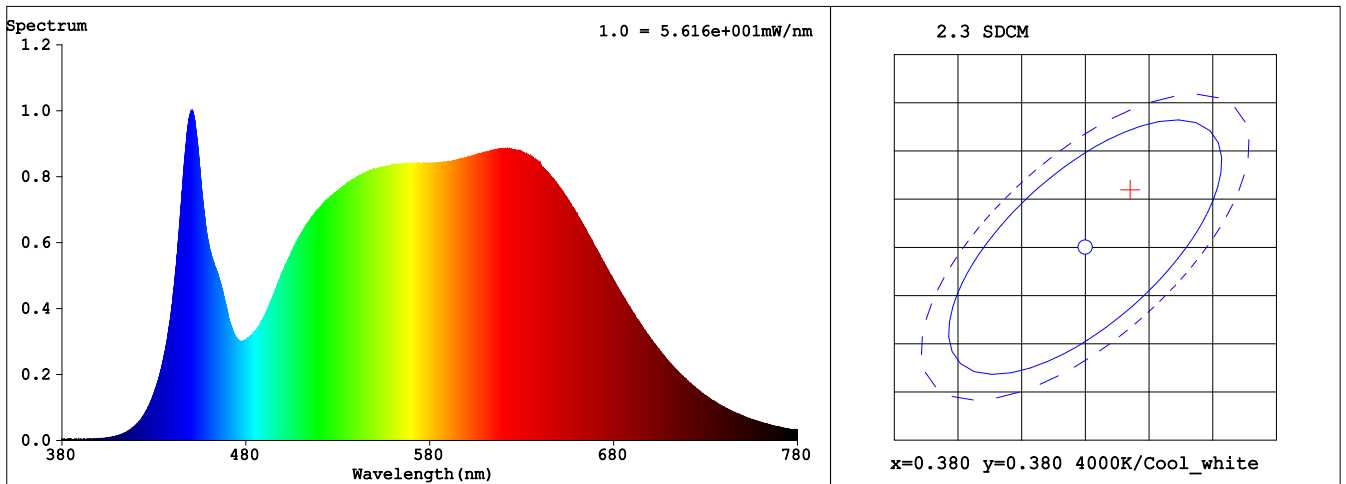
Spectrum Test Report

Sample	:		Date	:	2023-12-29 15:34:51
Specification	:	SMD5050-LIDEL	Standardtus	:	
Sample No.	:		Instrument	:	HaasSuite(EVERFINE)
Manufacturer	:		Test by	:	DAMIN
Assessor	:	damin			
Remark	:				

Test Condition

Temperature	:	25.3Deg	RH	:	65.0%
WL Range	:	380nm-780nm	IP	:	49113 (75%)
Test Mode	:	Accuracy Test	T	:	361 ms
Sensitivity	:	Low			

Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3835$ $y = 0.3860$ / $u' = 0.2235$ $v' = 0.5060$ ($duv=3.36e-03$) $Du, Dv: -0.0019, 0.0028$
 CCT= 3985K Prcp WL: $L_d=577.5nm$ Purity=30.9%
 Peak WL: $L_p=451nm$ FWHM: $=23.4nm$ Ratio: R=19.3% G=77.1% B=3.7%

Render Index: $R_a = 90.9$

R1 =91 R2 =92 R3 =92 R4 =92 R5 =89 R6 =88 R7 =96
 R8 =88 R9 =65 R10=80 R11=91 R12=67 R13=91 R14=95 R15=89

Photometric & Radiometric Parameters

Flux = 3183.2 lm Eff. : 132.54 lm/W $F_e = 10.800 W$

Electrical parameters

V = 34.30 V I = 0.7001 A P = 24.02 W PF = 1.000 F=0.00 Hz