

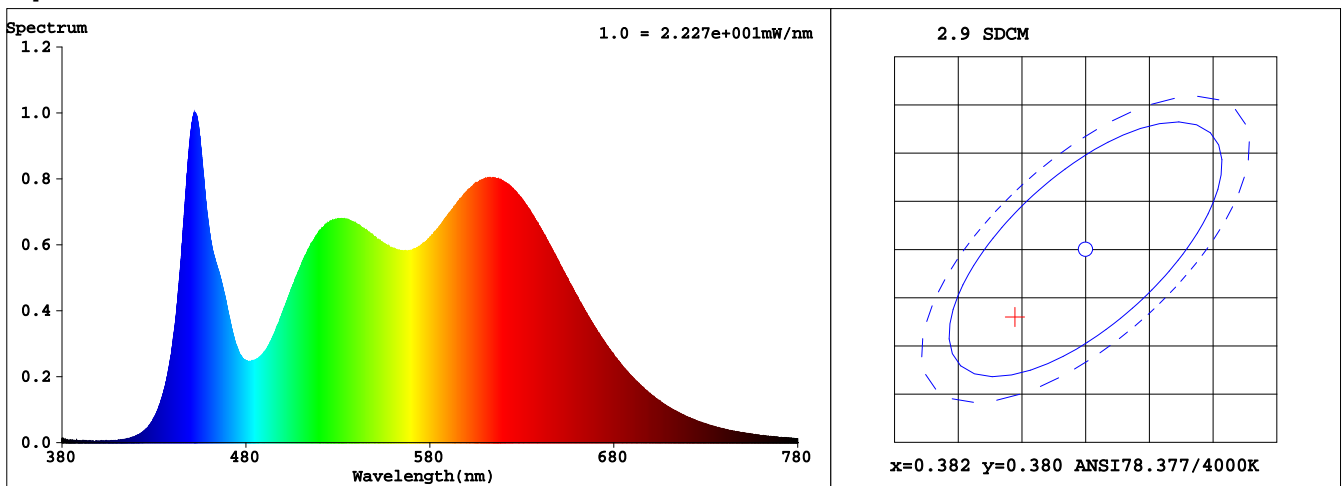
## Spectrum Test Report

Sample	: E12N140DW40	Date	: 2023-08-01 14:04:33
Specification			
Sample No.	:	Standard	:
Manufacturer	:	Instrument	: HaasSuite(EVERFINE)
Assessor	: Gaoyifei		
Remark	: LD84-R2835-4000K-12-IP20-WS2811-0.5M: est by		: Sun ren fang
Device SN	HS-2000		

### Test Condition

Temperature	: 25Deg	RH	: 60.0%
WL Range	: 380nm-780nm	IP	: 51506 (79%)
Test Mode	: Fast Test	T	: 248 ms
Sensitivity	: High		

### Spectrum



### Colorimetric Parameters

Chromaticity Coordinate:  $x = 0.3763$   $y = 0.3727$  /  $u' = 0.2240$   $v' = 0.4992$  ( $duv = -6.76e-04$ )  $Dx, Dy: -0.0004, -0.0017$   
 CCT= 4087K Prcp WL:  $L_d = 579.1nm$  Purity=24.8%  
 Peak WL:  $L_p = 453nm$  FWHM: =22.2nm Ratio:R=20.5% G=75.6% B=3.9%  
 Render Index:  $R_a = 95.6$  CRI = 92.2 TM30:Rf=93 Rg=101

EEl: 0.10837 A++ Highest

R1 =99 R2 =97 R3 =93 R4 =97 R5 =97 R6 =95 R7 =96  
 R8 =91 R9 =73 R10=91 R11=93 R12=70 R13=100 R14=95 R15=96

LEVEL:OUT

### Photometric & Radiometric Parameters

Flux = 1019.1 lm Eff. : 120.52 lm/W  $F_e = 3.3349 W$

### Electrical parameters

V = 12.00 V I = 0.7048 A P = 8.456 W PF = 1.000 F=0.00 Hz