

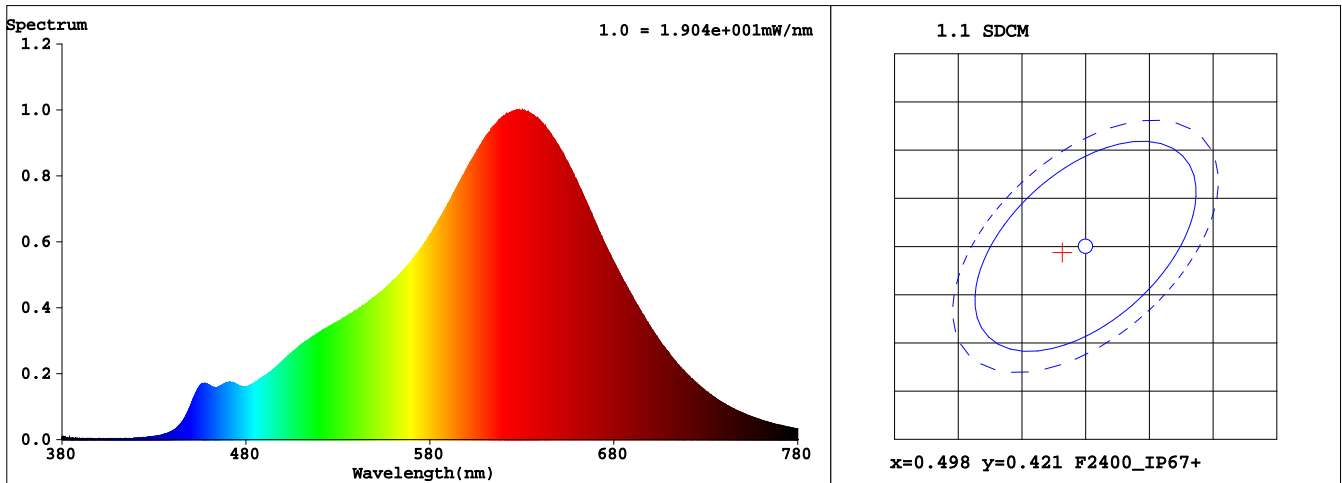
## Spectrum Test Report

Sample	: E12W150W24	Date	: 2023-05-13 16:10:49
Specification		Sam. Status	: First sample test
Sample No.	:	Standard	:
Manufacturer	:	Instrument	: HaasSuite(EVERFINE)
Assessor	: Gaoyifei		
Remark	: LD120-RL2835-2400-12-IP20-CRI90-0.5M	Test by	: Sun ren fang
Device SN	: HS-2000		

### Test Condition

Temperature	: 25Deg	RH	: 60.0%
WL Range	: 380nm-780nm	IP	: 46619 (71%)
Test Mode	: Fast Test	T	: 223 ms
Sensitivity	: High		

### Spectrum



### Colorimetric Parameters

Chromaticity Coordinate:  $x = 0.4958$   $y = 0.4204$  /  $u' = 0.2812$   $v' = 0.5364$  ( $duv=1.67e-03$ )  $Dx, Dy: 0.0034, 0.0053$   
 CCT= 2335K Prcp WL:  $L_d=585.8nm$  Purity=75.0%  
 Peak WL:  $L_p=630nm$  FWHM:  $=120.2nm$  Ratio:  $R=30.3\%$   $G=67.5\%$   $B=2.2\%$   
 Render Index:  $R_a = 93.7$   $CRI = 92.3$   $TM30:R_f=89$   $R_g=94$

EEL: 0.16087 A+

R1 =96 R2 =99 R3 =97 R4 =95 R5 =96 R6 =95 R7 =90  
 R8 =81 R9 =63 R10=98 R11=97 R12=90 R13=97 R14=99 R15=90

LEVEL:OUT

### Photometric & Radiometric Parameters

Flux = 369.97 lm Eff. : 76.41 lm/W  $F_e = 2.7537 W$

### Electrical parameters

V = 12.00 V I = 0.4035 A P = 4.842 W PF = 1.000 F=0.00  
 Hz