

### Spectral test report for lamp

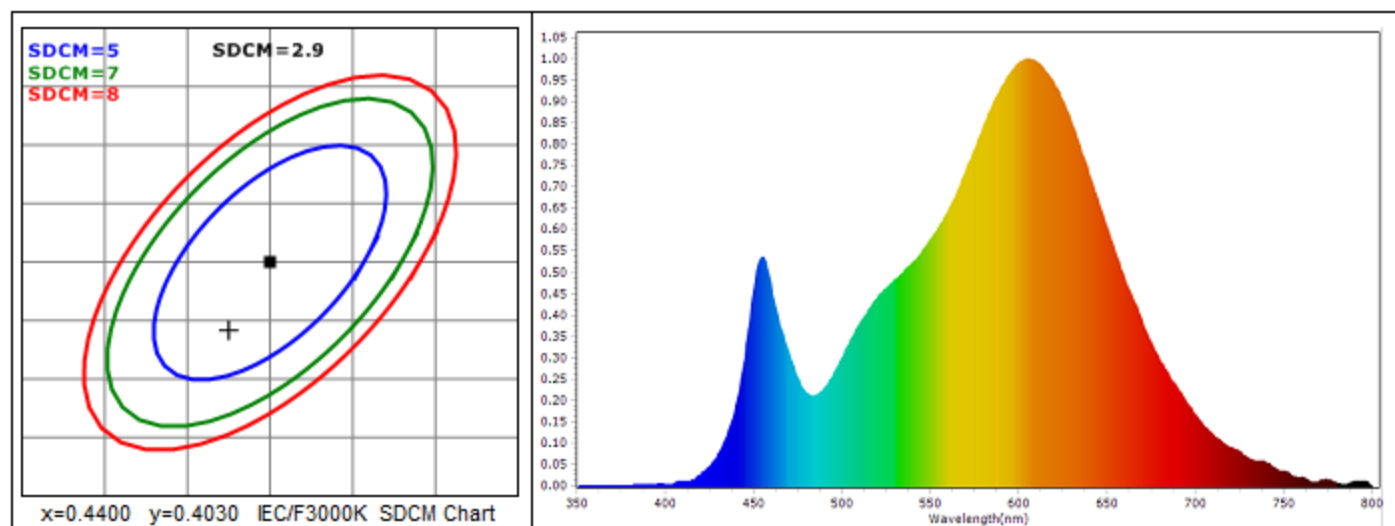
Product type : LLG427MM2700K-4  
 Product No. :  
 Manufacturer :

Test time : 2023-06-10 20:00:34  
 Test equipment : SPEC-2000A Spectrometer  
 Operator :

### CIE Color Parameter

Chromaticity coordinates:  $x=0.4366$   $y=0.3961$   $u=0.2538$   $v=0.3454$   $u^A=0.2538$   $v^A=0.5181$   
 Color temperature: 2944 K ( $duv=-0.00314$ ) Color difference: SDCM(IEC/F3000)=2.9 Main Wl: $\lambda_d=476.02$  nm Purity: 0.034  
 Peak wavelength: $\lambda_p=604.4$  FWHM: $\Delta\lambda_p=124.4$  nm Color ratio: R=0.253 G=0.721 B=0.026

Color rendering index : Ra=83.85 Color Fidelity: Rf=84.18 Color Gamut: Rg=97.15 GAI=102.91  
 R1=80.1 R2=90.8 R3=98.2 R4=85.7 R5=88.1 R6=93.6 R7=77.9 R8=55.9  
 R9=10.4 R10=81.1 R11=84.9 R12=78.1 R13=82.5 R14=100.0 R15=72.6



### Optical Parameter

Luminous flux: 313.22 lm      luminous efficiency: 118.2 lm/w      Radiant flux: 0.983 W  
 Energy efficiency index(EEI): 0.086      Energy efficiency class: A++(most efficient) (EU 87)

### Electrical Parameter

Voltage(V): 12.00      Current(A): 0.2208      Wattle(W): 2.650      Power factor: 1.0000

### Test Infomation

Temperature : Deg C      Humidity :  
 Test range : 350-800nm : 1nm      Peak AD. : 43670 (66.6%)  
 Preheat time : 15(分钟)      Integral time. : 335.01 (ms)