

## Spectral test report for lamp

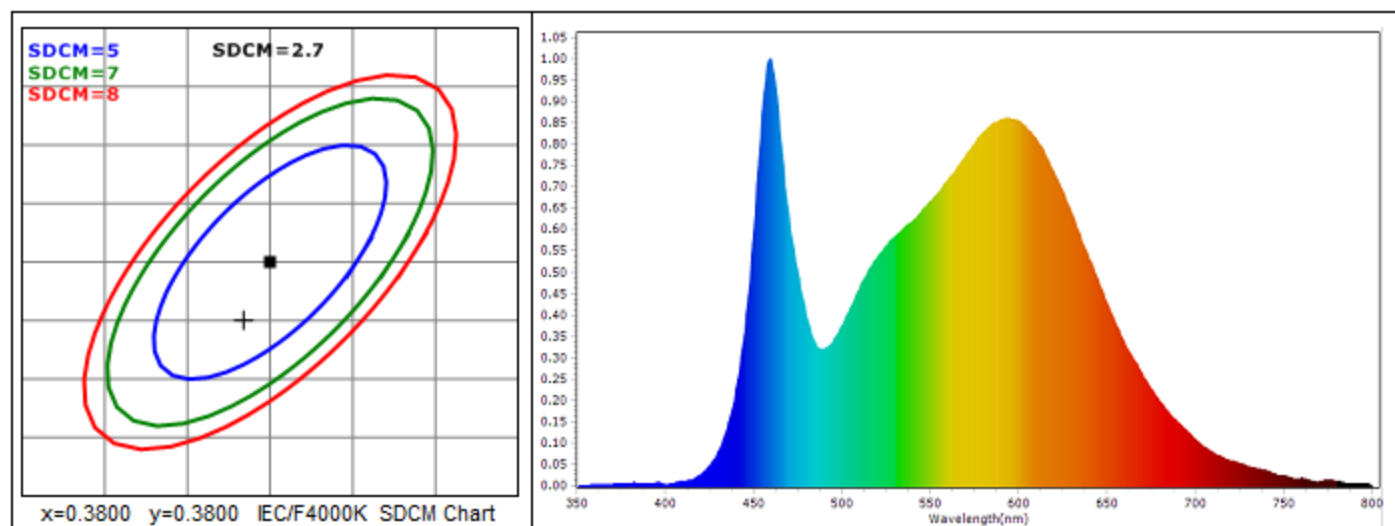
Product type : LLG96WNFKSW-4  
 Product No. :  
 Manufacturer :

Test time : 2023-06-10 19:07:14  
 Test equipment : SPEC-2000A Spectrometer  
 Operator :

### CIE Color Parameter

Chromaticity coordinates:  $x=0.3777$   $y=0.3734$   $u=0.2247$   $v=0.3331$   $u^A=0.2247$   $v^A=0.4997$   
 Color temperature: 4054 K ( $duv=-0.00081$ ) Color difference: SDCM(IEC/F4000)=2.7 Main Wl: $\lambda_d=484.02$  nm Purity: 0.179  
 Peak wavelength: $\lambda_p=458.5$  FWHM: $\Delta\lambda_p=26.7$  nm Color ratio: R=0.197 G=0.762 B=0.041

Color rendering index : Ra=82.94 Color Fidelity: Rf=82.48 Color Gamut: Rg=92.84 GAI=91.46  
 R1=80.1 R2=91.4 R3=97.9 R4=81.6 R5=84.1 R6=88.3 R7=80.2 R8=59.4  
 R9=7.3 R10=79.6 R11=79.7 R12=61.9 R13=83.2 R14=100.0 R15=73.5



### Optical Parameter

Luminous flux: 780.73 lm  
 Energy efficiency index(EEI): 0.087

luminous efficiency: 142.21 lm/w  
 Energy efficiency class: A++(most efficient) (EU 87)

Radiant flux: 2.41 W

### Electrical Parameter

Voltage(V): 229.60 Current(A): 0.0420 Watte(W): 5.490 Power factor: 0.5610

### Test Infomation

Temperature : Deg C  
 Test range : 350-800nm : 1nm  
 Preheat time : 0(分钟)

Humidity :  
 Peak AD. : 48581 (74.1%)  
 Integral time. : 232.08 (ms)