

### Spectral test report for lamp

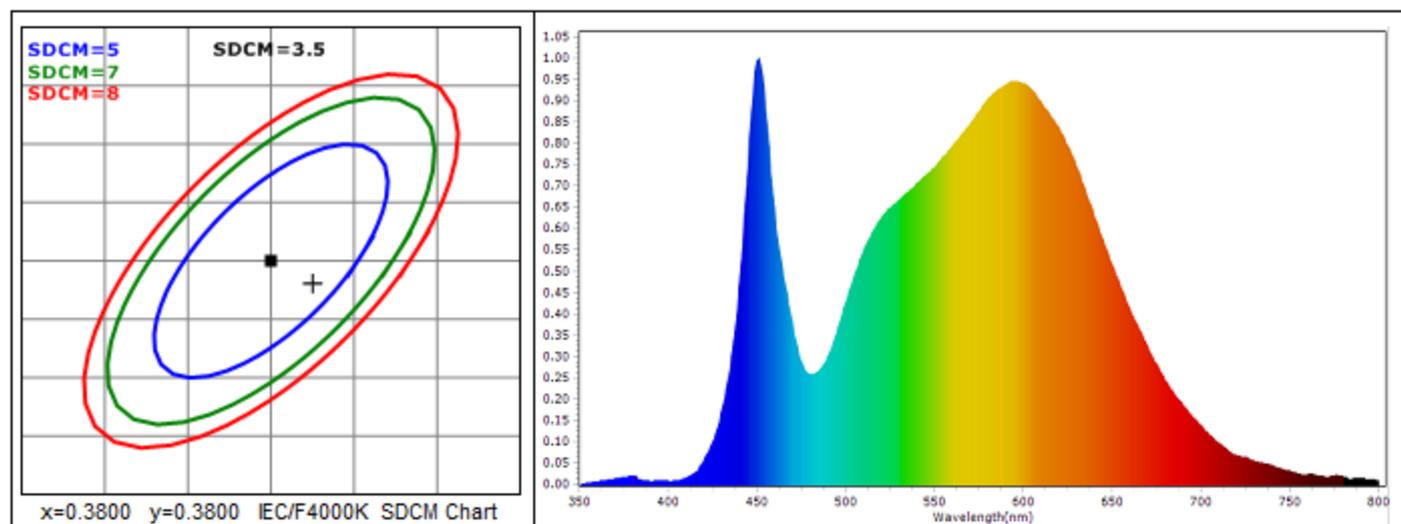
Product type : LLUFO18WKOC3W-3  
 Product No. :  
 Manufacturer :

Test time : 2024-05-22 16:41:15  
 Test equipment : SPEC-2000A Spectrometer  
 Operator :

### CIE Color Parameter

Chromaticity coordinates:  $x=0.3840$   $y=0.3774$   $u=0.2272$   $v=0.3349$   $u^A=0.2272$   $v^A=0.5024$   
 Color temperature: 3914 K ( $duv=-0.00072$ ) Color difference: SDCM(IEC/F4000)=3.5 Main Wl: $\lambda_d=484.02$  nm Purity: 0.162  
 Peak wavelength: $\lambda_p=450.0$  FWHM: $\Delta\lambda_p=24.2$  nm Color ratio: R=0.201 G=0.768 B=0.031

Color rendering index : Ra=83.36 Color Fidelity: Rf=84.32 Color Gamut: Rg=96.6 GAI=95.24  
 R1=79.5 R2=86.9 R3=93.4 R4=87.1 R5=86.1 R6=87.2 R7=83.4 R8=62.8  
 R9=11.0 R10=70.8 R11=85.8 R12=65.8 R13=80.9 R14=96.4 R15=73.5



### Optical Parameter

Luminous flux: 1981.75 lm

luminous efficiency: 110.22 lm/w

Radiant flux: 6.122 W

Energy efficiency index(EEI): 0.124

Energy efficiency class:A+ (EU 874/2012)

### Electrical Parameter

Voltage(V): 228.90

Current(A): 0.1400

Watte(W): 17.980

Power factor: 0.5580

### Test Infomation

Temperature :Deg C

Humidity :

Test range :350-800nm : 1nm

Peak AD. :49662 (75.8%)

Preheat time :0(min)

Integral time. :88.02 (ms)