

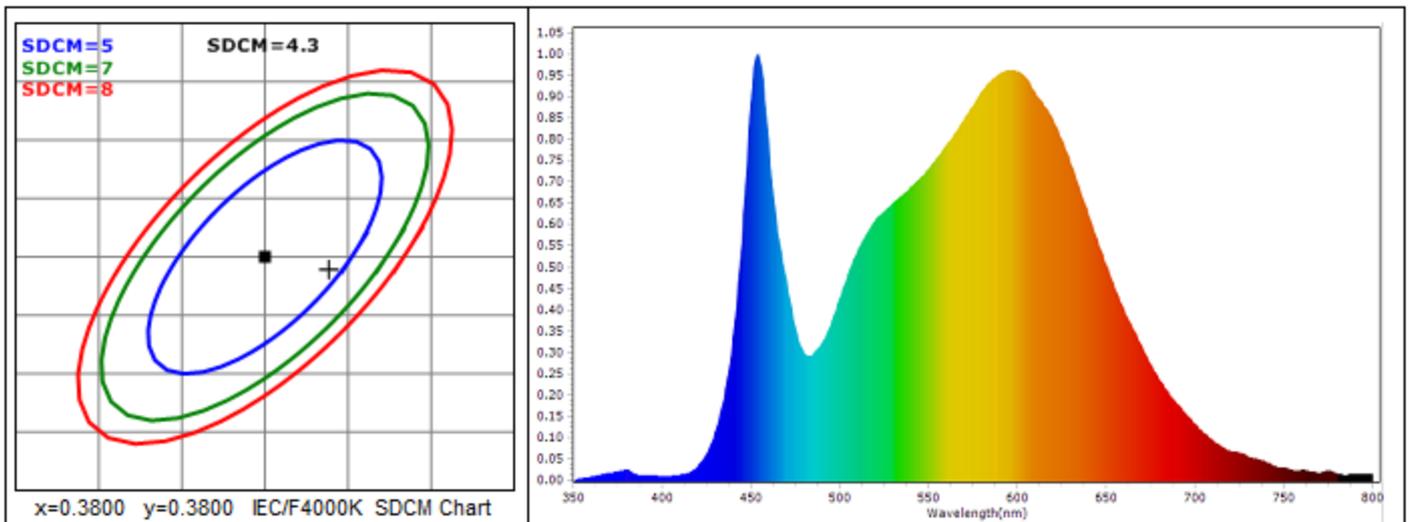
### Spectral test report for lamp

Product type : LLUFO18WKORSW-3  
Product No. :  
Manufacturer :

Test time : 2024-05-22 16:45:03  
Test equipment : SPEC-2000A Spectrometer  
Operator :

### CIE Color Parameter

Chromaticity coordinates: $x=0.3860$   $y=0.3785$   $u=0.2281$   $v=0.3355$   $u^A=0.2281$   $v^A=0.5033$   
Color temperature:3869K (duv=-0.00076) Color difference:SDCM(IEC/F4000)=4.3 Main Wl: $\lambda_d=484.02$  nm Purity: 0.156  
Peak wavelength: $\lambda_p=453.1$  FWHM: $\Delta\lambda_p=24.1$  nm Color ratio: $R=0.203$   $G=0.763$   $B=0.034$   
Color rendering index : $R_a=83.56$  Color Fidelity: $R_f=84.24$  Color Gamut: $R_g=95.29$   $GAI=94.01$   
 $R_1=79.8$   $R_2=88.9$   $R_3=96.4$   $R_4=85.8$   $R_5=85.9$   $R_6=88.4$   $R_7=82.1$   $R_8=60.9$   
 $R_9=8.9$   $R_{10}=75.1$   $R_{11}=84.4$   $R_{12}=64.9$   $R_{13}=81.9$   $R_{14}=98.3$   $R_{15}=73.3$



### Optical Parameter

Luminous flux: 2039.8 lm

luminous efficiency:116.63 lm/w

Radiant flux: 6.282 W

Energy efficiency index(EEI): 0.117

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

### Electrical Parameter

Voltage(V): 228.90

Current(A): 0.1380

Watte(W): 17.490

Power factor: 0.5510

### Test Infomation

Temperature :Deg C

Humidity :

Test range :350-800nm : 1nm

Peak AD. :49671 (75.8%)

Preheat time :0(min)

Integral time. :93.05 (ms)