

## Spectral test report for lamp

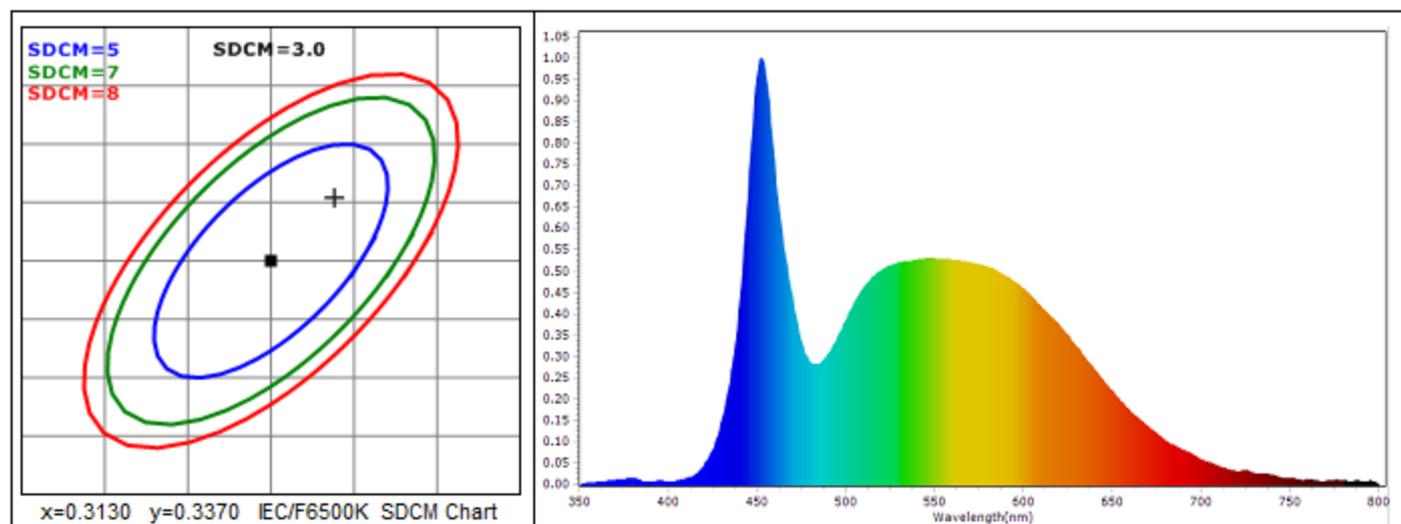
Product type : LLUFO12WKORCW-3  
 Product No. :  
 Manufacturer :

Test time : 2024-05-22 15:48:06  
 Test equipment : SPEC-2000A Spectrometer  
 Operator :

### CIE Color Parameter

Chromaticity coordinates:  $x=0.3169$   $y=0.3422$   $u=0.1958$   $v=0.3172$   $u^A=0.1958$   $v^A=0.4758$   
 Color temperature: 6218 K ( $duv=+0.0078$ ) Color difference: SDCM(IEC/F6500)=3.0 Main Wavelength=484.02 nm Purity: 0.336  
 Peak wavelength:  $\lambda_p=451.7$  FWHM:  $\Delta\lambda_p=25.0$  nm Color ratio: R=0.144 G=0.804 B=0.052

Color rendering index : Ra=82.61 Color Fidelity: Rf=84.52 Color Gamut: Rg=93.61 GAI=89.1  
 R1=78.5 R2=86.4 R3=93.2 R4=85.0 R5=83.0 R6=82.4 R7=85.5 R8=66.4  
 R9=3.5 R10=68.7 R11=83.6 R12=59.4 R13=80.9 R14=97.0 R15=72.6



### Optical Parameter

Luminous flux: 1190.73 lm

luminous efficiency: 96.03 lm/w

Radiant flux: 3.816 W

Energy efficiency index(EEI): 0.140

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

### Electrical Parameter

Voltage(V): 229.10

Current(A): 0.0990

Watte(W): 12.400

Power factor: 0.5410

### Test Infomation

Temperature :Deg C

Humidity :

Test range :350-800nm : 1nm

Peak AD. :48284 (73.7%)

Preheat time :0(min)

Integral time. :116.05 (ms)