

## Spectral test report for lamp

Product type : LLUFO12WKOC3W-3  
 Product No. :  
 Manufacturer :

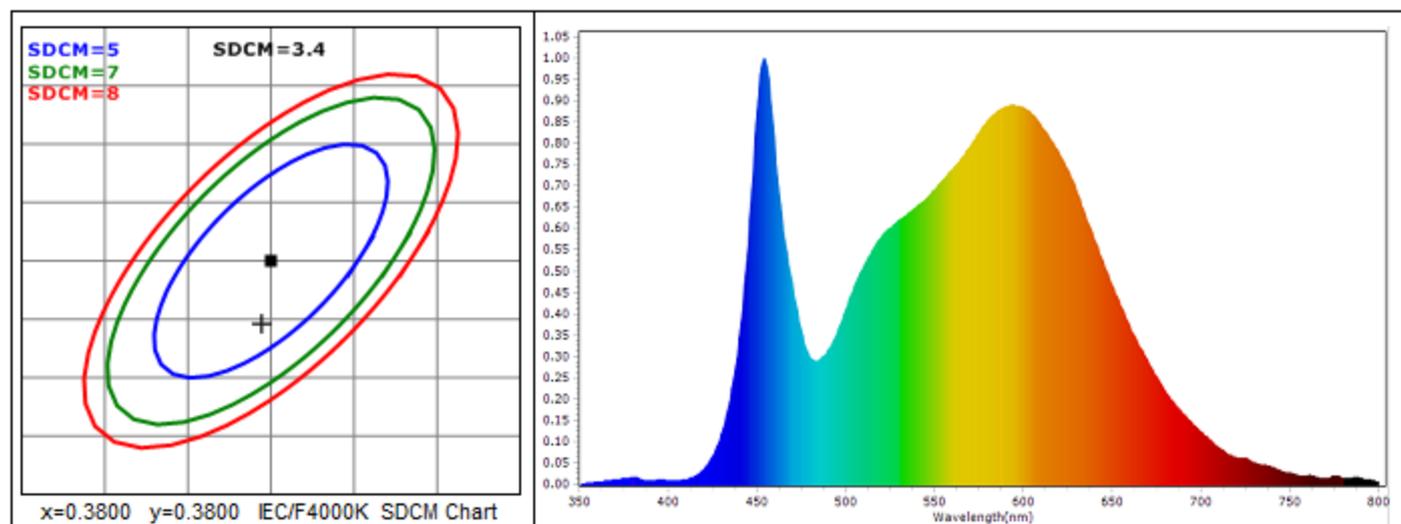
Test time : 2024-05-22 15:51:52  
 Test equipment : SPEC-2000A Spectrometer  
 Operator :

### CIE Color Parameter

Chromaticity coordinates:  $x=0.3793$   $y=0.3728$   $u=0.2259$   $v=0.3331$   $u^A=0.2259$   $v^A=0.4997$

Color temperature: 4006 K ( $duv=-0.00152$ ) Color difference: SDCM(IEC/F4000)=3.4 Main Wl: $\lambda_d=484.02$  nm Purity: 0.176  
 Peak wavelength: $\lambda_p=453.3$  FWHM: $\Delta\lambda_p=25.2$  nm Color ratio: R=0.200 G=0.765 B=0.035

Color rendering index : Ra=84.09 Color Fidelity: Rf=84.35 Color Gamut: Rg=95.36 GAI=95  
 R1=80.7 R2=89.5 R3=96.4 R4=86.1 R5=86.3 R6=88.2 R7=82.6 R8=62.5  
 R9=12.0 R10=76.1 R11=84.8 R12=64.9 R13=82.8 R14=98.3 R15=74.7



### Optical Parameter

Luminous flux: 1294.78 lm

luminous efficiency: 107.1 lm/w

Radiant flux: 4.022 W

Energy efficiency index(EEI): 0.127

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

### Electrical Parameter

Voltage(V): 229.10

Current(A): 0.0970

Watte(W): 12.090

Power factor: 0.5420

### Test Infomation

Temperature : Deg C

Humidity :

Test range : 350-800nm : 1nm

Peak AD. : 48617 (74.2%)

Preheat time : 0(min)

Integral time. : 125.07 (ms)