

## Spectral test report for lamp

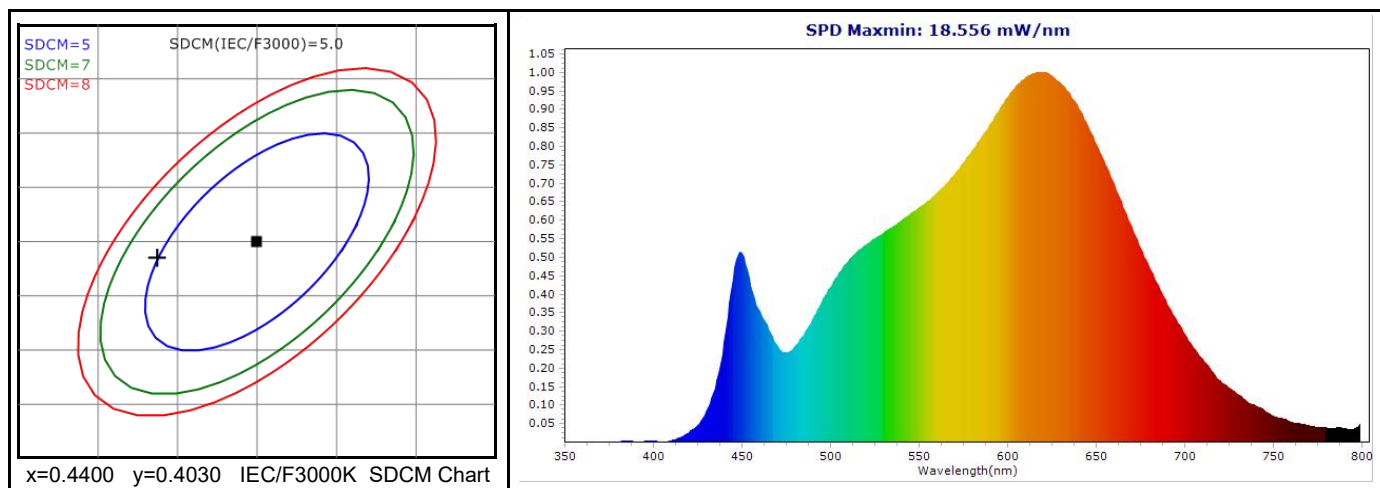
Product type : ALEXO-12W 3000K  
Product No. :  
Manufacturer :

Test time : 2024/7/31 星期三 14:34:59  
Test equipment : SPEC-3000A Spectrometer  
Operator :

### CIE Color Parameter

Chromaticity coordinates:  $x=0.4312$   $y=0.4013$   $u=0.2481$   $v=0.3463$   $u^*=0.2481$   $v^*=0.5195$   
Color temperature: 3076 K ( $duv=-0.0003$ ) Color difference: SDCM(IEC/F3000)=5.0 Main WL:  $\lambda_d=485.1$  nm Purity: 0.041  
Peak wavelength:  $\lambda_p=619.7$  FWHM:  $\Delta\lambda_p=164.7$  nm Color ratio: R=25.65% G=71.56% B=2.78%

Color rendering index :  $R_a=94.16$  Color Fidelity:  $R_f=93.02$  Color Gamut:  $R_g=99.45$  GAI=99.31  
 $R_1=94.6$   $R_2=97.6$   $R_3=99.0$   $R_4=95.2$   $R_5=94.9$   $R_6=97.1$   $R_7=92.2$   $R_8=82.7$   
 $R_9=60.8$   $R_{10}=93.9$   $R_{11}=96.9$   $R_{12}=86.5$   $R_{13}=96.0$   $R_{14}=99.2$   $R_{15}=90.1$



### Optical Parameter

Luminous flux: 932.51 lm  
Energy efficiency index(EEI): 78.494  
MOVE=833.191 MES1=742.106

luminous efficiency: 78.49 lm/w Radiant flux: 3205.284 W  
Energy efficiency class: G (EU 2019/2015) (EU 874/2012)

### Electrical Parameter

Voltage(V): 219.92 Current(A): 0.0870 Watte(W): 11.880 Power factor: 0.6180

### Test Infomation

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

Humidity :  
Peak AD. : 21582 (32.9%)  
Integral time. : 45.03 (ms)

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