

## Spectral test report for lamp

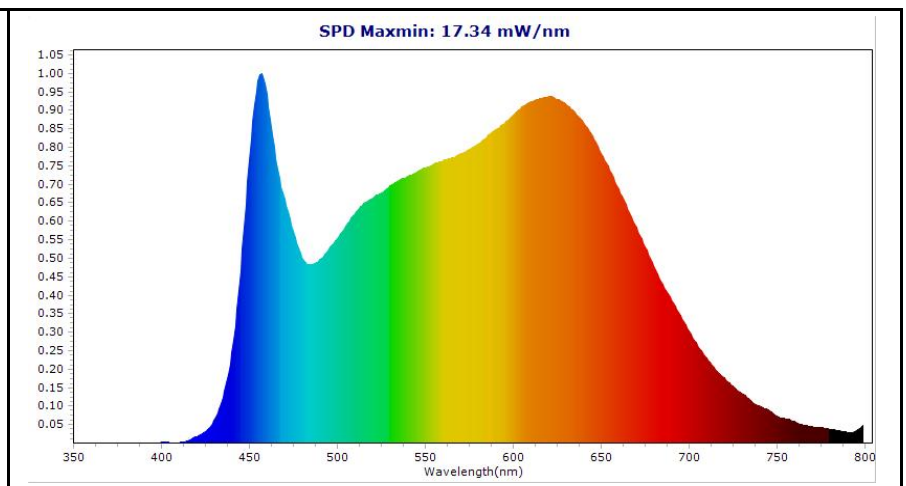
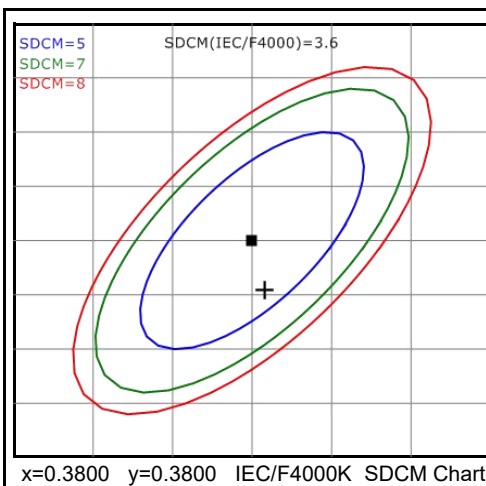
Product type : ALEXO-12W 4000K  
Product No. :  
Manufacturer :

Test time : 2024/7/31 星期三 14:33:40  
Test equipment : SPEC-3000A Spectrometer  
Operator :

### CIE Color Parameter

Chromaticity coordinates:  $x=0.3813$   $y=0.3740$   $u=0.2268$   $v=0.3337$   $u^*=0.2268$   $v^*=0.5006$   
Color temperature: 3957 K ( $duv=-0.00154$ ) Color difference: SDCM(IEC/F4000)=3.6 Main WL:  $\lambda_d=484.0$  nm Purity: 0.171  
Peak wavelength:  $\lambda_p=456.8$  FWHM:  $\Delta\lambda_p=34.4$  nm Color ratio: R=22.07% G=73.44% B=4.49%

Color rendering index :  $R_a=95.1$  Color Fidelity:  $R_f=91.46$  Color Gamut:  $R_g=98.44$   $GAI=99.4$   
 $R_1=97.8$   $R_2=97.9$   $R_3=97.5$   $R_4=93.8$   $R_5=95.6$   $R_6=95.2$   $R_7=92.4$   $R_8=90.6$   
 $R_9=83.8$   $R_{10}=97.6$   $R_{11}=96.4$   $R_{12}=74.7$   $R_{13}=98.8$   $R_{14}=99.4$   $R_{15}=95.8$



### Optical Parameter

Luminous flux: 959.05 lm  
Energy efficiency index(EEI): 84.275  
MOVE=964.538 MES1=848.908

luminous efficiency: 84.28 lm/w Radiant flux: 3389.881 W  
Energy efficiency class: G (EU 2019/2015) (EU 874/2012)

### Electrical Parameter

Voltage(V): 219.93 Current(A): 0.0850 Watte(W): 11.380 Power factor: 0.6090

### Test Infomation

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

Humidity :  
Peak AD. : 20408 (31.1%)  
Integral time. : 45.06 (ms)

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