

Spectral test report for lamp

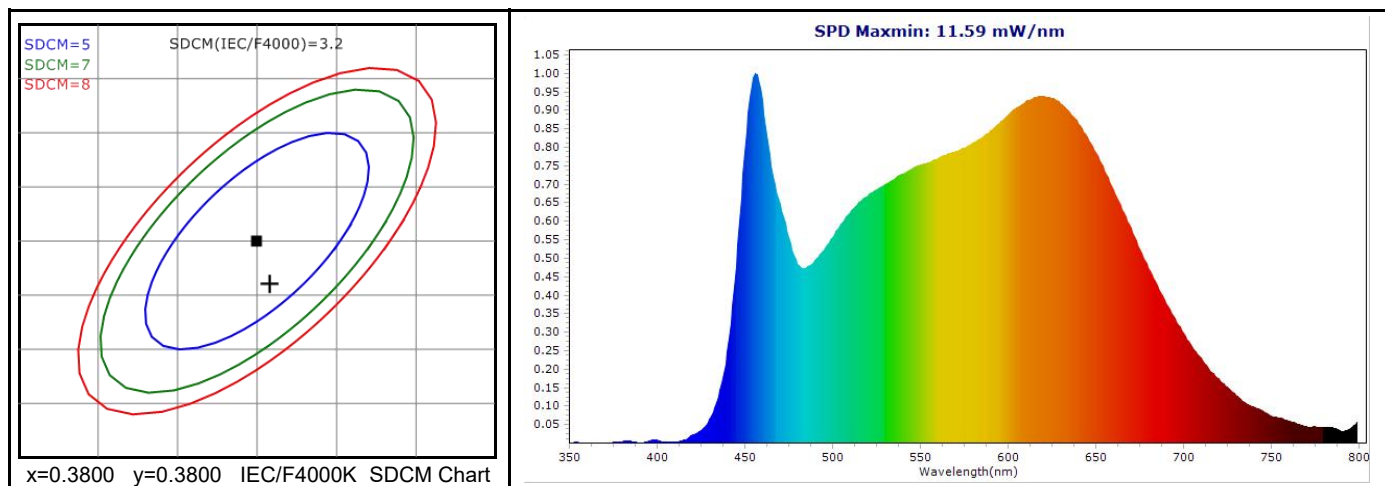
Product type : ALEXO 9W 4000K
Product No. :
Manufacturer :

Test time : 2024/7/31 星期三 14:10:22
Test equipment : SPEC-3000A Spectrometer
Operator :

CIE Color Parameter

Chromaticity coordinates: $x=0.3813$ $y=0.3748$ $u=0.2264$ $v=0.3339$ $u^*=0.2264$ $v^*=0.5009$
Color temperature: 3963 K ($duv=-0.00116$) Color difference: $SDCM(IEC/F4000)=3.2$ Main Wl: $\lambda_d=484.3$ nm Purity: 0.17
Peak wavelength: $\lambda_p=456.3$ FWHM: $\Delta\lambda_p=33.6$ nm Color ratio: R=21.99% G=73.59% B=4.42%

Color rendering index : $R_a=95.38$ Color Fidelity: $R_f=91.62$ Color Gamut: $R_g=98.48$ $GAI=98.98$
 $R1=97.8$ $R2=98.5$ $R3=98.1$ $R4=93.9$ $R5=95.6$ $R6=95.6$ $R7=92.9$ $R8=90.7$
 $R9=83.0$ $R10=98.9$ $R11=96.3$ $R12=74.5$ $R13=99.3$ $R14=99.6$ $R15=95.6$



Optical Parameter

Luminous flux: 643.52 lm
Energy efficiency index (EEI): 83.250
MOVE=645.983 MES1=568.648

luminous efficiency: 83.25 lm/w Radiant flux: 2267.837 W
Energy efficiency class: G (EU 2019/2015) (EU 874/2012)

Electrical Parameter

Voltage(V): 220.10 Current(A): 0.0410 Watte(W): 7.730 Power factor: 0.8460

Test Information

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

Humidity :
Peak AD. : 43731 (66.7%)
Integral time. : 151.02 (ms)

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Hangzhou Huipu Instrument Co., Ltd. <http://www.measurefine.com>