

## Spectral test report for lamp

Product type  
Product No.  
Manufacturer

Test time : 2025/6/18 9:21:11  
Test equipment : SPEC-2000A Spectrometer  
Operator

### CIE Color Parameter

Chromaticity coordinates:  $x=0.3877$   $y=0.3813$   $u=0.2280$   $v=0.3364$   $u^*=0.2280$   $v^*=0.5046$

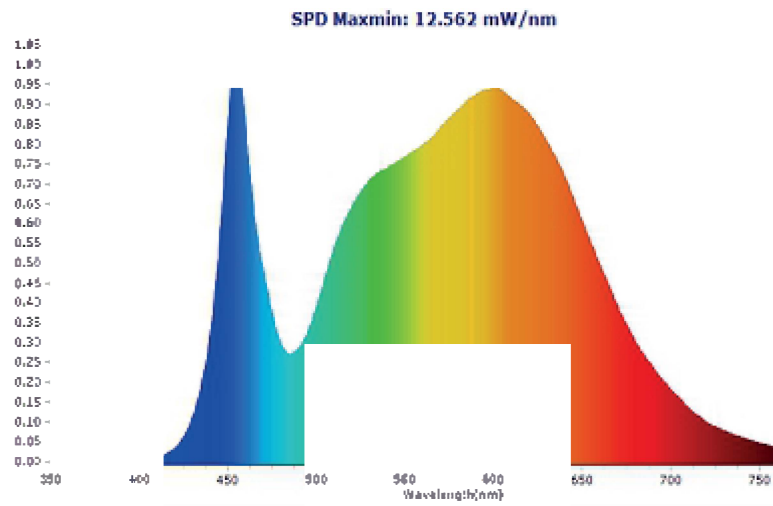
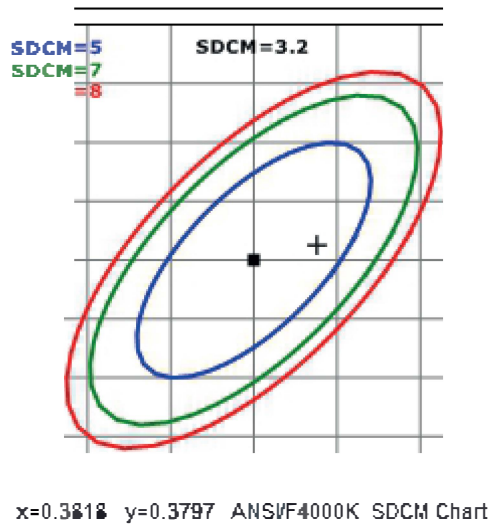
Color temperature: 3848K (duv=+0.00009) Color difference: SDCM(ANSI/F4000)=3.2 Main Wl:  $\lambda_d=485.1$  nm Purity: 0.151

Peak wavelength:  $\lambda_p=454.2$  FWHM:  $\Delta\lambda_p=24.3$  nm Color ratio: R=0.207 G=0.761 B=0.032

Color rendering index: Ra=85.96 Color Fidelity: Rf=86.31 Color Gamut: Rg=96.97 GAI=95.27

R1=83.5 R2=89.5 R3=93.7 R4=88.9 R5=87.7 R6=88.1 R7=86.3 R8=69.6

R9=28.7 R10=75.0 R11=87.3 R12=62.8 R13=84.8 R14=96.2 R15=78.6



### Optical Parameter

Luminous flux: 689.77 lm

luminous efficiency: 66.9 lm/w

Radiant flux: 2.191 W

Energy efficiency index(EEI): 66.903

Energy efficiency class: G (EU 2019/2015) (EU 874

MES1=583.347 MES2=582.263

### Electrical Parameter

Voltage(V): 240.55

Current(A): 0.0458

Watte(W): 10.310

Power factor: 0.9357

### Test Infomation

Temperature : Deg C

Humidity

Test range : 350-800nm : 1nm

Peak AD. : 40862 (62.4%)

Preheat time : 0(min)

Integral time. : 149.09 (ms)

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