

Spectral test report for lamp

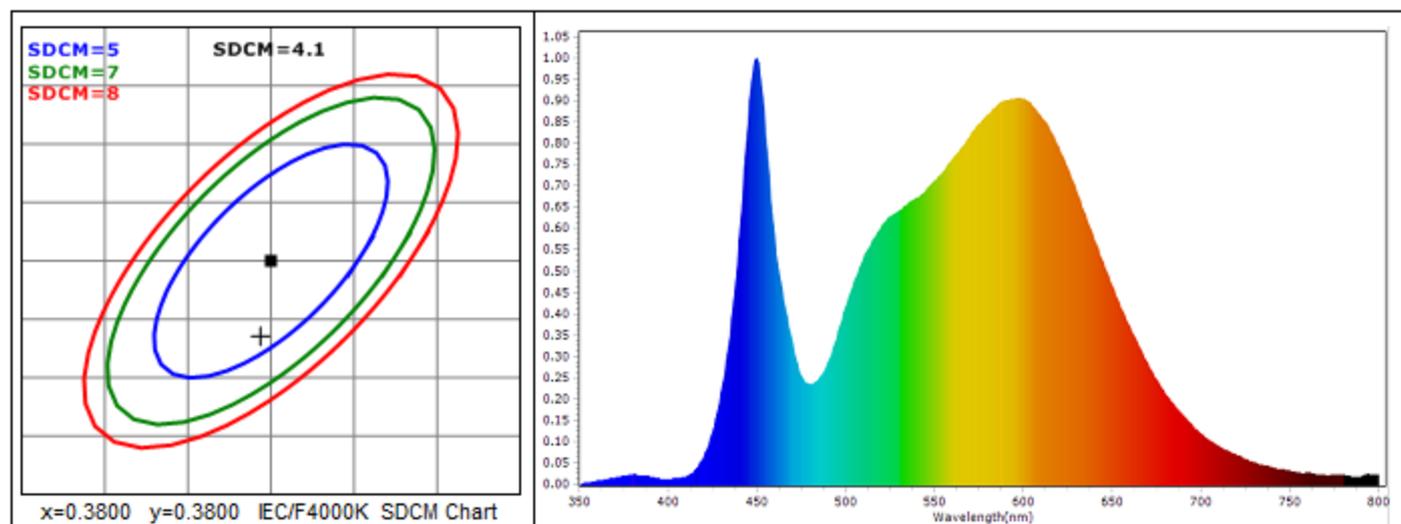
Product type : LT5120CM20W4000KOP-3
 Product No. :
 Manufacturer :

Test time : 2023-06-10 18:11:04
 Test equipment : SPEC-2000A Spectrometer
 Operator :

CIE Color Parameter

Chromaticity coordinates: $x=0.3792$ $y=0.3714$ $u=0.2264$ $v=0.3327$ $u^A=0.2264$ $v^A=0.4991$
 Color temperature: 3999 K ($duv=-0.00216$) Color difference: SDCM(IEC/F4000)=4.1 Main Wl: $\lambda_d=483.02$ nm Purity: 0.176
 Peak wavelength: $\lambda_p=448.8$ FWHM: $\Delta\lambda_p=23.3$ nm Color ratio: R=0.198 G=0.770 B=0.032

Color rendering index :Ra=82.68 Color Fidelity:Rf=83.13 Color Gamut:Rg=96.86 GAI=97.08
 R1=78.8 R2=86.0 R3=92.4 R4=86.8 R5=86.1 R6=86.7 R7=82.7 R8=61.5
 R9=6.5 R10=69.0 R11=85.9 R12=67.2 R13=79.9 R14=95.8 R15=72.7



Optical Parameter

Luminous flux: 2432.67 lm luminous efficiency:125.14 lm/w Radiant flux: 7.539 W
 Energy efficiency index(EEI): 0.109 Energy efficiency class:A++(most efficient) (EU 87)

Electrical Parameter

Voltage(V): 229.20 Current(A): 0.1520 Watte(W): 19.440 Power factor: 0.5550

Test Infomation

Temperature :Deg C Humidity :
 Test range :350-800nm : 1nm Peak AD. :33211 (50.7%)
 Preheat time :0(分钟) Integral time. :36.04 (ms)