

Spectral test report for lamp

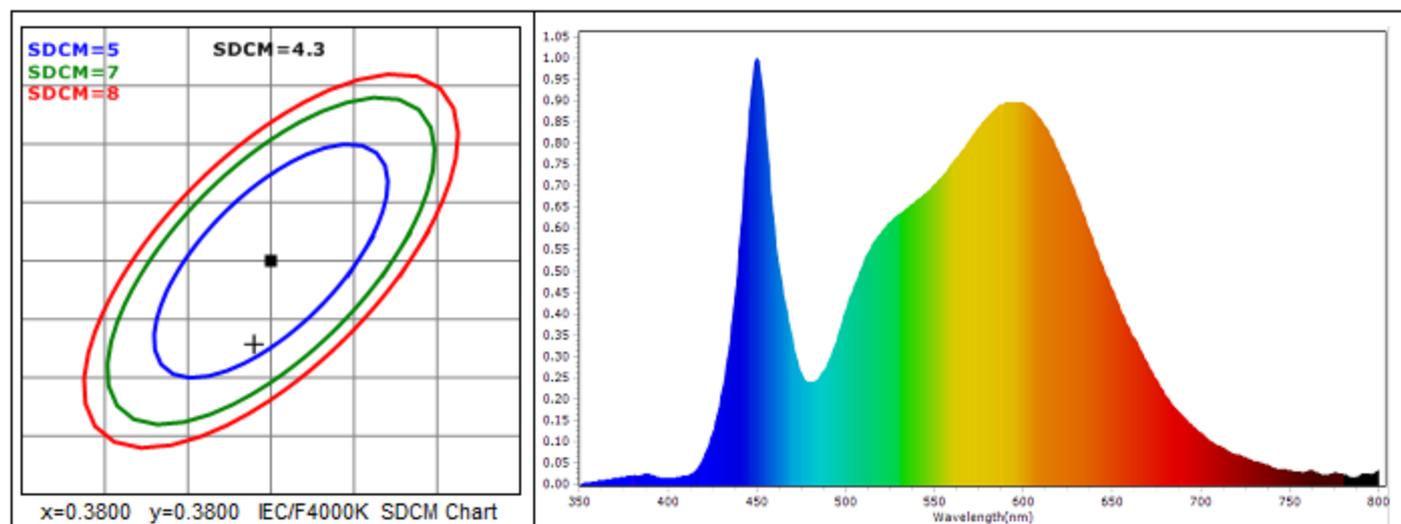
Product type : T8120CM20W4000KOP-4
 Product No. :
 Manufacturer :

Test time : 2023-06-10 17:53:49
 Test equipment : SPEC-2000A Spectrometer
 Operator :

CIE Color Parameter

Chromaticity coordinates: $x=0.3786$ $y=0.3705$ $u=0.2264$ $v=0.3323$ $u^A=0.2264$ $v^A=0.4985$
 Color temperature: 4008 K ($duv=-0.00243$) Color difference: SDCM(IEC/F4000)=4.3 Main Wl: $\lambda_d=483.02$ nm Purity: 0.178
 Peak wavelength: $\lambda_p=449.2$ FWHM: $\Delta\lambda_p=23.9$ nm Color ratio: R=0.198 G=0.770 B=0.032

Color rendering index : Ra=82.59 Color Fidelity: Rf=83.01 Color Gamut: Rg=96.71 GAI=97.16
 R1=78.6 R2=86.2 R3=92.6 R4=86.6 R5=85.9 R6=86.7 R7=82.4 R8=61.2
 R9=6.0 R10=69.2 R11=85.5 R12=66.8 R13=79.9 R14=96.0 R15=72.6



Optical Parameter

Luminous flux: 2399.06 lm
 Energy efficiency index(EEI): 0.111

luminous efficiency: 123.03 lm/w
 Energy efficiency class: A+ (EU 874/2012)

Radiant flux: 7.458 W

Electrical Parameter

Voltage(V): 229.20 Current(A): 0.1540 Watte(W): 19.500 Power factor: 0.5510

Test Infomation

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

Humidity :
 Peak AD. : 32636 (49.8%)
 Integral time. : 36 (ms)