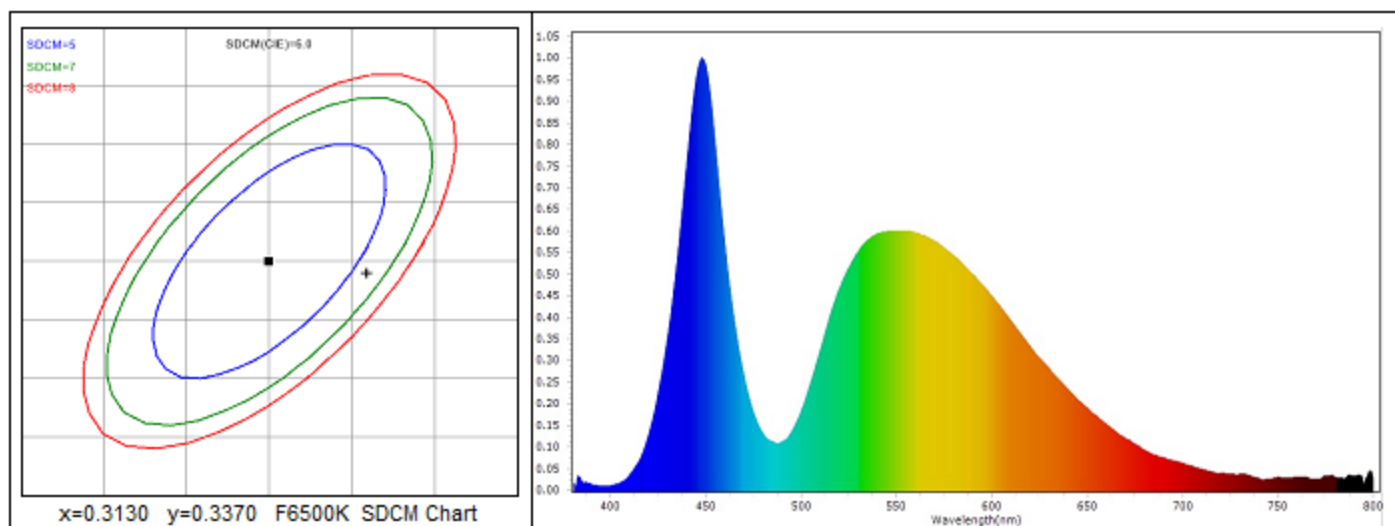


Spectral test report for lamp

Product type : Test time : 2020-06-04 19:52:16
 Product No. : Test equipment : SPEC-2000A Spectrometer
 Manufacturer : Operator :

CIE Color Parameter

Chromaticity coordinates: $x=0.3189$ $y=0.3358$ $u=0.1996$ $v=0.3152$ $u^A=0.1996$ $v^A=0.4728$
 Color temperature: 6150 K (duv=+0.0036) Color difference: SDCM(CIE)=6.0 Main Wl: $\lambda_d=483.02$ nm Purity: 0.336
 Peak wavelength: $\lambda_p=447.2$ Centroid wavelength: 540.5 nm FWHM: $\Delta\lambda_p=27.7$ nm Color ratio: R=0.132 G=0.835 B=0.033
 Color rendering index (Ra): Ra=69.8
 R1=64.1 R2=69.6 R3=72.4 R4=75.8 R5=74.5 R6=67.8 R7=78.0 R8=55.8
 R9=-34.5 R10=29.4 R11=72.5 R12=43.1 R13=63.6 R14=84.4 R15=59.8



Optical Parameter

Luminous flux: 2663.29 lm luminous efficiency: 86.95 lm/w Radiant flux: 8.416 W
 Energy efficiency index(EEI): 0.157 Energy efficiency class: A+ (EU 874/2012)
 Mesopic vision flux(lm): USP=4601.518 MOVE=2722.41 MES1=2397.152 MES2=2387.93

Electrical Parameter

Voltage(V): 221.16 Current(A): 0.1420 Wattle(W): 30.630 Power factor: 0.9700

Test Infomation

Temperature : 25.0 Deg C Humidity : 65%
 Test range : 380-800nm : 1nm Peak AD. : 44471 (67.9%)
 Preheat time : (min) Integral time. : 135.04 (ms)