

Spectral test report for lamp

Product type : S9 LED H7
Product No. : _5
Manufacturer :

Test time : 2021/3/3 15:29:22
Test equipment : SPEC-3000A Spectrometer
Operator :

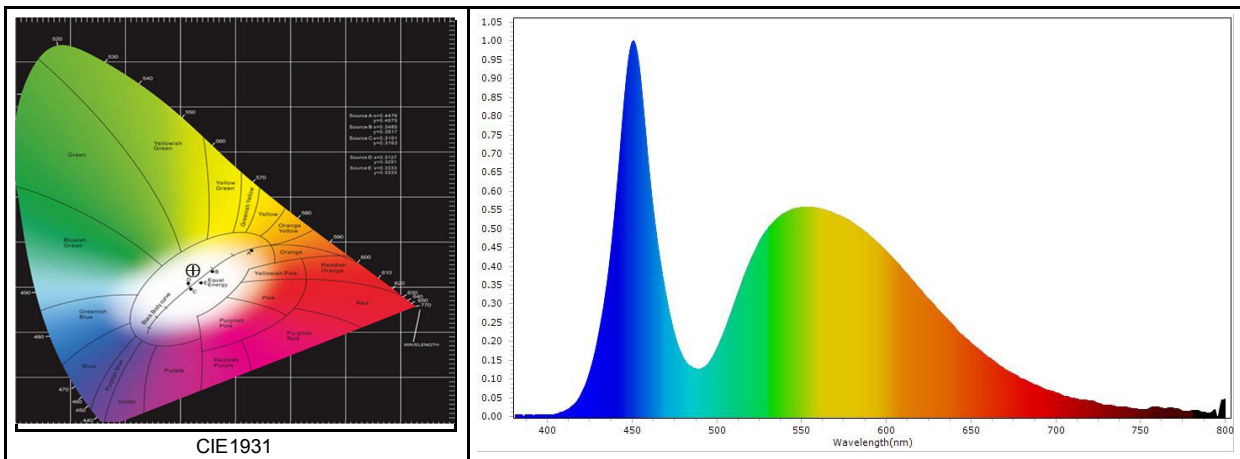
CIE Color Parameter

Chromaticity coordinates: $x=0.3221$ $y=0.3348$ $u=0.2022$ $v=0.3152$ $u^*=0.2022$ $v^*=0.4728$
Color temperature: 5992 K ($duv=+0.00156$) Color difference: $SDCM(CIE)=3.4$ Main Wl: $\lambda_d=483.02$ nm Purity: 0.33
Peak wavelength: $\lambda_p=449.7$ FWHM: $\Delta\lambda_p=25.2$ nm Color ratio: $R=0.140$ $G=0.823$ $B=0.037$

Color rendering index :CRI=64.43

R1=68.6 R2=74.7 R3=76.8 R4=78.9 R5=77.0 R6=70.9 R7=80.0 R8=59.1
R9=-20.0 R10=39.6 R11=74.3 R12=44.8 R13=68.8 R14=86.9 R15=65.3

Color Quality Scale(CQS): $Q_a=77.8$ $Q_f=67.1$ $Q_p=76.3$ $Q_g=77.0$
 $Q_1=67.8$ $Q_2=73.7$ $Q_3=75.9$ $Q_4=78.0$ $Q_5=76.0$ $Q_6=70.1$ $Q_7=79.2$ $Q_8=58.1$
 $Q_9=-20.9$ $Q_{10}=38.7$ $Q_{11}=73.3$ $Q_{12}=44.0$ $Q_{13}=68.0$ $Q_{14}=85.9$ $Q_{15}=64.4$



Optical Parameter

Luminous flux: 1376.251m

luminous efficiency:84.83 lm/w

Radiant flux: 4.601 W

Energy efficiency index(EEI): 0.254

Energy efficiency class:A (EU 874/2012)

Electrical Parameter

Voltage(V): 13.50

Current(A): 1.1010

Watte(W): 16.213

Power factor: 1.0000

Test Infomation

Temperature :25.0Deg C

Humidity :65%

Test range :380-800nm : 1nm

Peak AD. :35892 (54.8%)

Preheat time :0(min)

Integral time. :3.08 (ms)