

Spectral test report for lamp

Product type : Q5 H7 LED
Product No. : _7
Manufacturer :

Test time : 2021/3/3 15:35:15
Test equipment : SPEC-3000A Spectrometer
Operator :

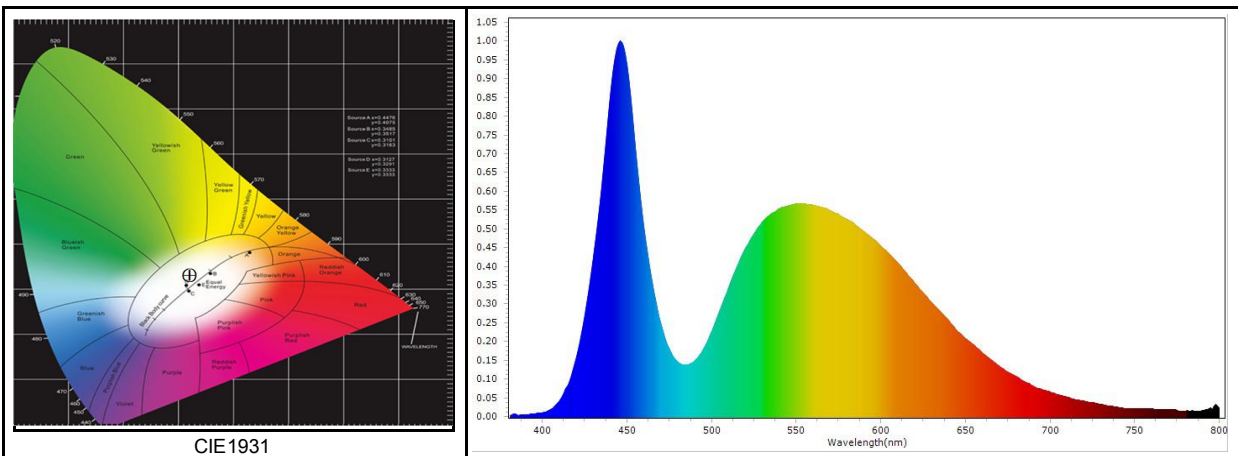
CIE Color Parameter

Chromaticity coordinates: $x=0.3193$ $y=0.3278$ $u=0.2029$ $v=0.3124$ $u^*=0.2029$ $v^*=0.4686$
Color temperature: 6162 K ($duv=-0.00075$) Color difference: SDCM(CIE)=6.5 Main Wl: $\lambda_d=482.02$ nm Purity: 0.341
Peak wavelength: $\lambda_p=445.0$ FWHM: $\Delta\lambda_p=27.8$ nm Color ratio: R=0.142 G=0.822 B=0.036

Color rendering index :CRI=65.83

R1=71.2 R2=73.7 R3=73.7 R4=79.7 R5=80.2 R6=72.3 R7=79.8 R8=63.1
R9=-10.3 R10=38.3 R11=79.3 R12=52.9 R13=69.6 R14=85.1 R15=67.7

Color Quality Scale(CQS): Qa=78.6 Qf=69.7 Qp=73.2 Qg=80.2
Q1=70.4 Q2=72.7 Q3=72.8 Q4=78.8 Q5=79.2 Q6=71.5 Q7=79.0 Q8=62.1
Q9=-11.2 Q10=37.4 Q11=78.3 Q12=52.1 Q13=68.8 Q14=84.1 Q15=66.8



Optical Parameter

Luminous flux: 1794.85 lm

luminous efficiency: 61.67 lm/w

Radiant flux: 5.851 W

Energy efficiency index(EEI): 0.221

Energy efficiency class: A (EU 874/2012)

Electrical Parameter

Voltage(V): 13.50

Current(A): 2.1560

Watte(W): 29.106

Power factor: 1.0000

Test Infomation

Temperature :25.0Deg C

Humidity :65%

Test range :380-800nm : 1nm

Peak AD. :65535 (100.0%)

Preheat time :0(min)

Integral time. :3.03 (ms)