

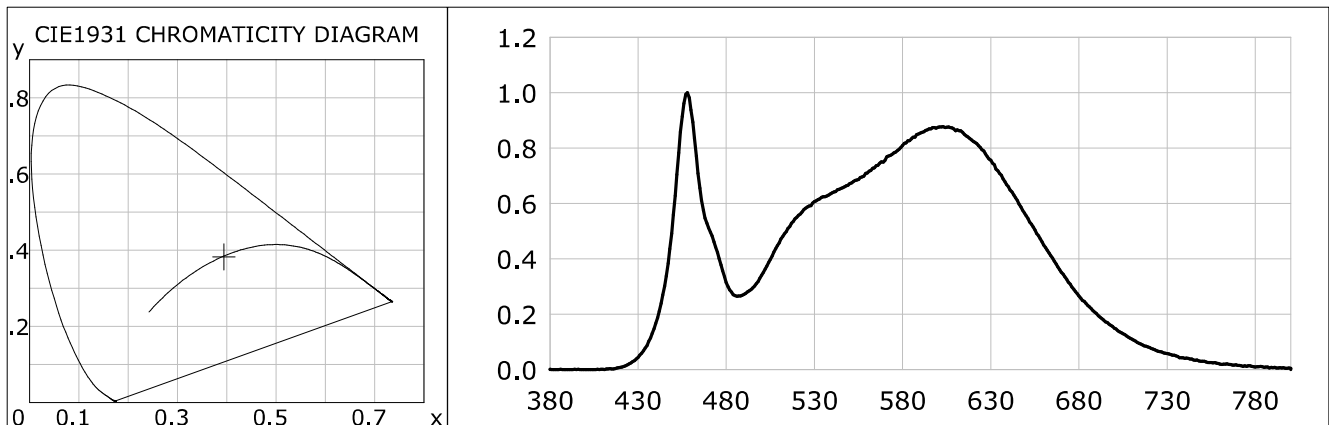
Lightsource Test Report

Product Information

Product Spec: FG 595 18LED 0,3A 36W 4000K

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3942$ $y=0.3828$ $u(u')=0.2317$ $v=0.3375$ $v'=0.5063$
CCT: $T_c=3892K$ ($duv=-0.00094$) Color Ratio: $R=0.202$ $G=0.761$ $B=0.037$
Peak Wavelength: 457.7nm Half Bandwidth: 21.7nm
Dominant Wavelength: 580.6nm Color Purity: 0.332
CRI: $R_a=87.1$ TM30: $R_f=83$, $R_g=94$
 $R1=87$ $R2=94$ $R3=97$ $R4=84$ $R5=86$ $R6=91$ $R7=86$ $R8=71$
 $R9=33$ $R10=85$ $R11=83$ $R12=64$ $R13=90$ $R14=99$ $R15=83$
Color Quality Scale: $Q_a=85.6$, $Q_f=85.7$, $Q_p=85.2$, $Q_g=93.6$
 $Q1=84$ $Q2=97$ $Q3=83$ $Q4=77$ $Q5=81$ $Q6=84$ $Q7=88$ $Q8=90$
 $Q9=98$ $Q10=93$ $Q11=89$ $Q12=88$ $Q13=88$ $Q14=80$ $Q15=82$



Photometric Parameters

Luminous Flux: 5022.40 lm Efficiency: 117.79 lm/W Radiant Power: 15.744 W
EEI: 0.12 Energy Efficiency Class: A+ (EU 874-2012)

Electric Parameters

Voltage: 221.50V Current: 0.1940A Power: 42.64W
Power Factor: 0.9900 Frequency: 49.99Hz

Test Information

Scan Range: 380~800:1nm
Stabilization Time: 0 Min
Max of Signal: 44453 (3456)

Photometric Method: sphere-spectroradiometer
Photometric Condition: Sphere diameter: 2.00m, 4PI
CCD Integration Time: 146.28 ms

Condition: $T_x=29.2^{\circ}C$, $T_i=28.5^{\circ}C$, R.H.:60%
Test Lab:
Operator:

Test Device: Lisun LMS-9000A(Plus)
Test Time: 2018-08-20 18:24:37
Inspector: