

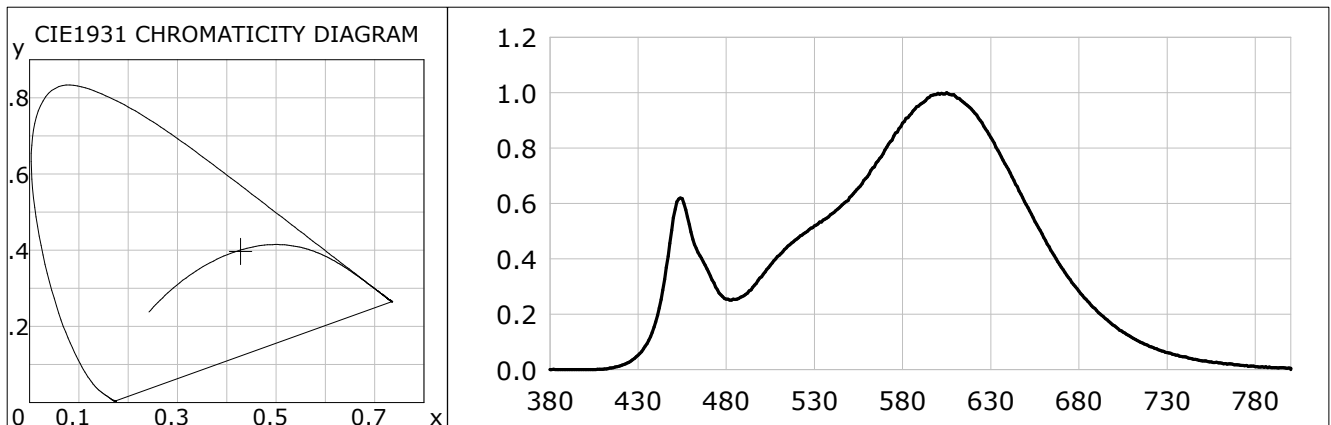
Lightsource Test Report

Product Infomation

Product Spec: FG 50 25x4LED 0,45A 55W 300Product Number: 31
Manufacturer: FAROS

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.4281$ $y=0.3974$ $u(u')=0.2477$ $v=0.3449$ $v'=0.5174$
CCT: $T_c=3100K$ ($duv=-0.00141$) Color Ratio: $R=0.225$ $G=0.745$ $B=0.030$
Peak Wavelength: 605.0nm Half Bandwidth: 132.3nm
Dominant Wavelength: 582.9nm Color Purity: 0.478
CRI: R_a : $R_a=83.6$
 $R1=83$ $R2=93$ $R3=95$ $R4=81$ $R5=83$ $R6=92$ $R7=82$ $R8=61$
 $R9=13$ $R10=84$ $R11=80$ $R12=72$ $R13=85$ $R14=98$ $R15=76$
Color Quality Scale: $Q_a=83.0$, $Q_f=84.5$, $Q_p=84.1$, $Q_g=91.4$
 $Q1=80$ $Q2=95$ $Q3=84$ $Q4=79$ $Q5=82$ $Q6=83$ $Q7=84$ $Q8=87$
 $Q9=95$ $Q10=91$ $Q11=87$ $Q12=84$ $Q13=83$ $Q14=74$ $Q15=76$



Photometric Parameters

Luminous Flux: 4103.27 lm Efficiency: 76.81 lm/W Radiant Power: 12.630 W

Electric Parameters

Voltage: 220.00V Current: 0.2460A Power: 53.42W
Power Factor: 0.9890 Frequency: 50.00Hz

Test Infomation

Scan Range: 380~800:1nm
Stabilization Time: 60 Min
Max of Signal: 49509 (3029)

Photometric Method: sphere-spectroradiometer
Photometric Condition: Sphere diameter: 2.00m, 4PI
CCD Integration Time: 200.00 ms

Condition: $T_x=23.3^{\circ}C$, $T_i=23.0^{\circ}C$, R.H.:60%
Test Lab:
Operator: Albakov D.

Test Device: Lisun LMS-9000A(Plus)
Test Time: 2017-11-13 15:58:16
Inspector: