

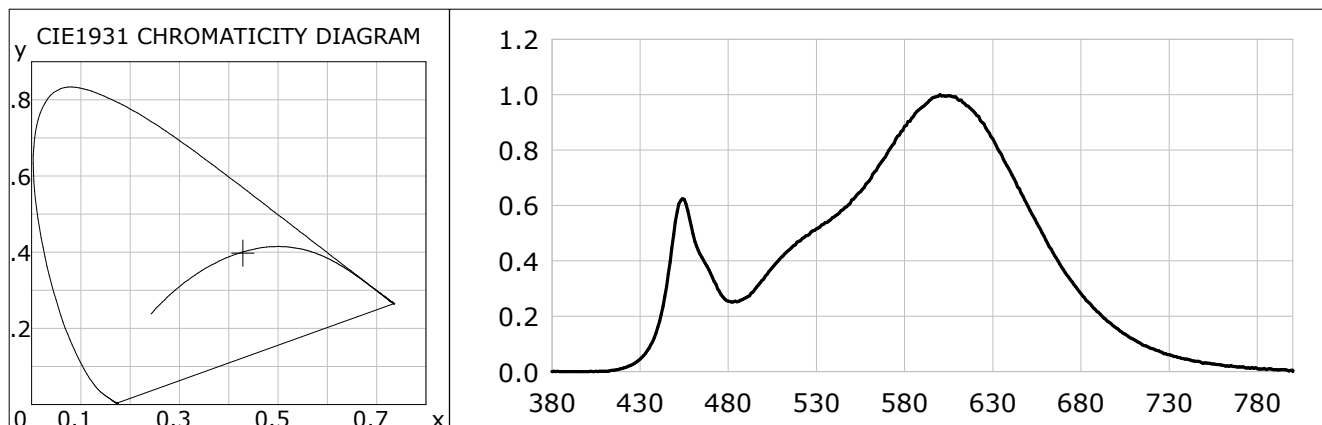
Lightsource Test Report

Product Infomation

Product Spec: FG 50 25x4LED 0,35A 45W Product Number: 30
Manufacturer: FAROS

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.4289$ $y=0.3978$ $u(u')=0.2481$ $v=0.3451$ $v'=0.5177$
CCT: $T_c=3089K$ ($duv=-0.00137$) Color Ratio: $R=0.226$ $G=0.744$ $B=0.030$
Peak Wavelength: 600.1nm Half Bandwidth: 131.6nm
Dominant Wavelength: 583.0nm Color Purity: 0.481
CRI: R_a : $R_a=83.6$
 $R1=83$ $R2=93$ $R3=95$ $R4=81$ $R5=83$ $R6=92$ $R7=81$ $R8=61$
 $R9=13$ $R10=84$ $R11=80$ $R12=72$ $R13=86$ $R14=98$ $R15=76$
Color Quality Scale: $Q_a=83.1$, $Q_f=84.6$, $Q_p=84.1$, $Q_g=91.3$
 $Q1=80$ $Q2=95$ $Q3=84$ $Q4=79$ $Q5=82$ $Q6=84$ $Q7=84$ $Q8=87$
 $Q9=95$ $Q10=91$ $Q11=87$ $Q12=84$ $Q13=83$ $Q14=74$ $Q15=76$



Photometric Parameters

Luminous Flux: 3421.42 lm Efficiency: 78.78 lm/W Radiant Power: 10.528 W

Electric Parameters

Voltage: 220.00V Current: 0.2010A Power: 43.43W
Power Factor: 0.9830 Frequency: 50.00Hz

Test Infomation

Scan Range: 380~800:1nm Photometric Method: sphere-spectroradiometer
Stabilization Time: 40 Min Photometric Condition: Sphere diameter: 2.00m, 4PI
Max of Signal: 44922 (3041) CCD Integration Time: 216.93 ms

Condition: $T_x=23.5^{\circ}C$, $T_i=23.0^{\circ}C$, R.H.:60%
Test Lab:
Operator: Albakov D.

Test Device: Lisun LMS-9000A(Plus)
Test Time: 2017-11-10 13:41:18
Inspector: