

# Lightsource Test Report

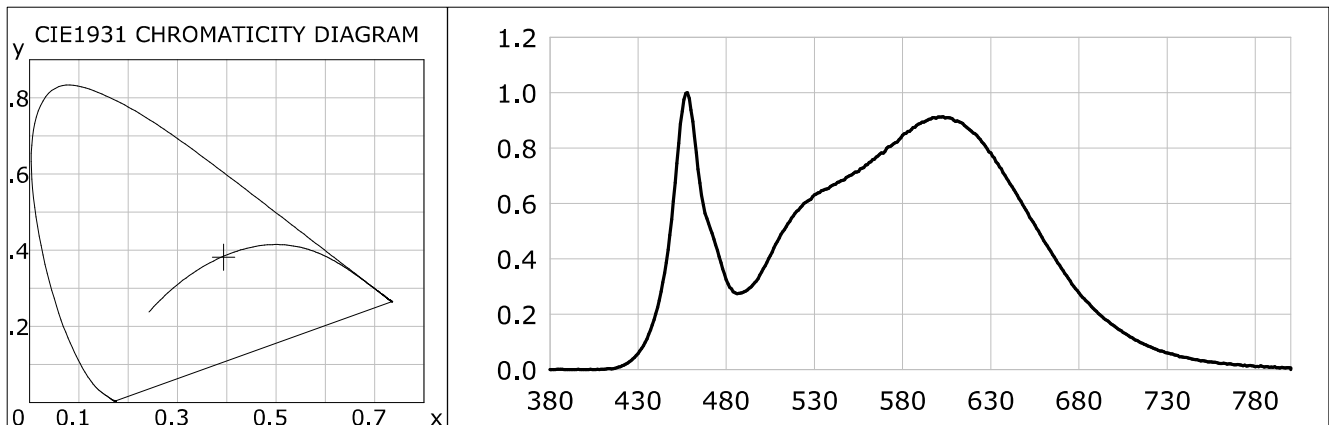
## Product Infomation

Product Spec: FG 60 70W 4000K  
Manufacturer: FAROS

Product Number: 10

## CIE Colorimetric Parameters

Chromaticity coordinates:  $x=0.3936$   $y=0.3819$   $u(u')=0.2317$   $v=0.3372$   $v'=0.5058$   
CCT:  $T_c=3899K$  ( $duv=-0.00122$ ) Color Ratio:  $R=0.202$   $G=0.761$   $B=0.037$   
Peak Wavelength: 457.6nm Half Bandwidth: 23.3nm  
Dominant Wavelength: 580.8nm Color Purity: 0.327  
CRI:  $R_a=86.9$  TM30:  $R_f=83$ ,  $R_g=95$   
 $R1=87$   $R2=94$   $R3=97$   $R4=84$   $R5=86$   $R6=91$   $R7=86$   $R8=71$   
 $R9=32$   $R10=84$   $R11=83$   $R12=64$   $R13=89$   $R14=98$   $R15=82$   
Color Quality Scale:  $Q_a=85.4$ ,  $Q_f=85.5$ ,  $Q_p=85.2$ ,  $Q_g=93.8$   
 $Q1=84$   $Q2=97$   $Q3=83$   $Q4=77$   $Q5=81$   $Q6=84$   $Q7=88$   $Q8=90$   
 $Q9=98$   $Q10=92$   $Q11=89$   $Q12=88$   $Q13=88$   $Q14=80$   $Q15=82$



## Photometric Parameters

Luminous Flux: 7803.63 lm  
EEI: 0.13

Efficiency: 104.79 lm/W

Radiant Power: 24.485 W

Energy Efficiency Class: A+ (EU 874-2012)

## Electric Parameters

Voltage: 221.60V  
Power Factor: 0.9740

Current: 0.3450A  
Frequency: 49.99Hz

Power: 74.47W

### Test Infomation

Scan Range: 380~800:1nm  
Stabilization Time: 0 Min  
Max of Signal: 45627 (3574)

Photometric Method: sphere-spectroradiometer  
Photometric Condition: Sphere diameter: 2.00m, 4PI  
CCD Integration Time: 102.26 ms

Condition:  $T_x=30.8^{\circ}C$ ,  $T_i=29.5^{\circ}C$ , R.H.:60%  
Test Lab:  
Operator:

Test Device: Lisun LMS-9000A(Plus)  
Test Time: 2018-08-21 15:35:39  
Inspector: