

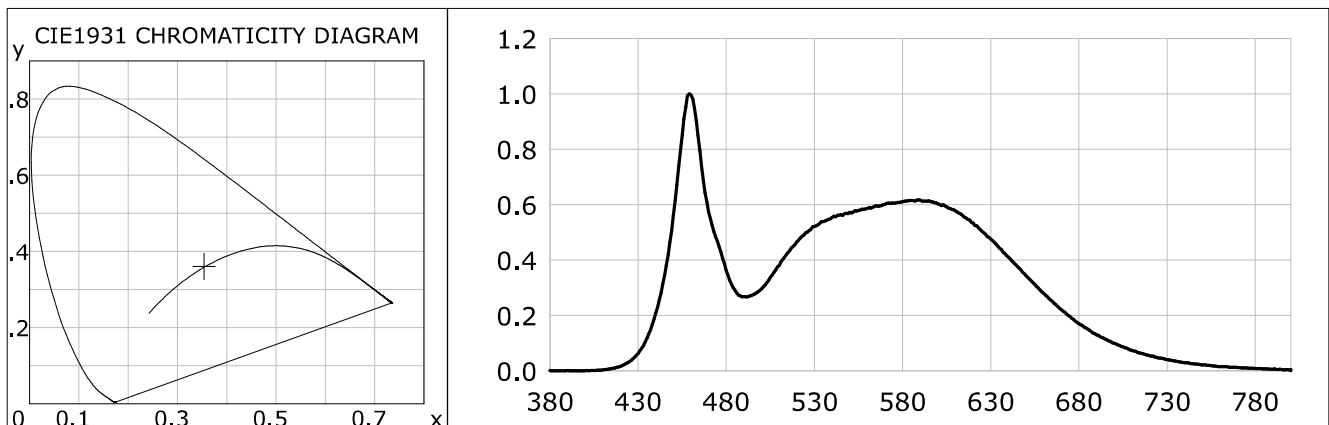
# Lightsource Test Report

## Product Infomation

Product Spec: FP 150 100W 5000K 150x55°    Product Number: 1  
Manufacturer: FAROS    Remark: Coefficient pulsation: 0,4%

## CIE Colorimetric Parameters

Chromaticity coordinates:  $x=0.3542$   $y=0.3609$      $u(u')=0.2139$   $v=0.3270$   $v'=0.4905$   
CCT:  $T_c=4709K$  ( $duv=0.00111$ )    Color Ratio:  $R=0.168$   $G=0.782$   $B=0.050$   
Peak Wavelength: 459.2nm    Half Bandwidth: 24.3nm  
Dominant Wavelength: 574.6nm    Color Purity: 0.146  
CRI:  $R_a=85.1$     TM30:  $R_f=80$ ,  $R_g=91$   
 $R1=85$      $R2=94$      $R3=95$      $R4=79$      $R5=83$      $R6=88$      $R7=86$      $R8=71$   
 $R9=27$      $R10=81$      $R11=77$      $R12=56$      $R13=88$      $R14=98$      $R15=81$   
Color Quality Scale:  $Q_a=82.7$ ,  $Q_f=83.0$ ,  $Q_p=81.3$ ,  $Q_g=90.8$   
 $Q1=81$      $Q2=96$      $Q3=82$      $Q4=72$      $Q5=75$      $Q6=77$      $Q7=84$      $Q8=90$   
 $Q9=98$      $Q10=92$      $Q11=87$      $Q12=87$      $Q13=87$      $Q14=78$      $Q15=80$



## Photometric Parameters

Luminous Flux: 11508.96 lm    Efficiency: 121.11 lm/W    Radiant Power: 36.547 W  
EEI: 0.11    Energy Efficiency Class: A+ (EU 874-2012)

## Electric Parameters

Voltage: 219.80V    Current: 0.4480A    Power: 95.03W  
Power Factor: 0.9660    Frequency: 50.00Hz

### Test Infomation

Scan Range: 380~800:1nm    Photometric Method: sphere-spectroradiometer  
Stabilization Time: 0 Min    Photometric Condition: Sphere diameter: 2.00m, 4PI  
Max of Signal: 45633 (2917)    CCD Integration Time: 42.20 ms

Condition:  $T_x=23.6^{\circ}C$ ,  $T_i=26.0^{\circ}C$ , R.H.:60%  
Test Lab:  
Operator:

Test Device: Lisun LMS-9000A(Plus)  
Test Time: 2018-05-22 09:37:33  
Inspector: