

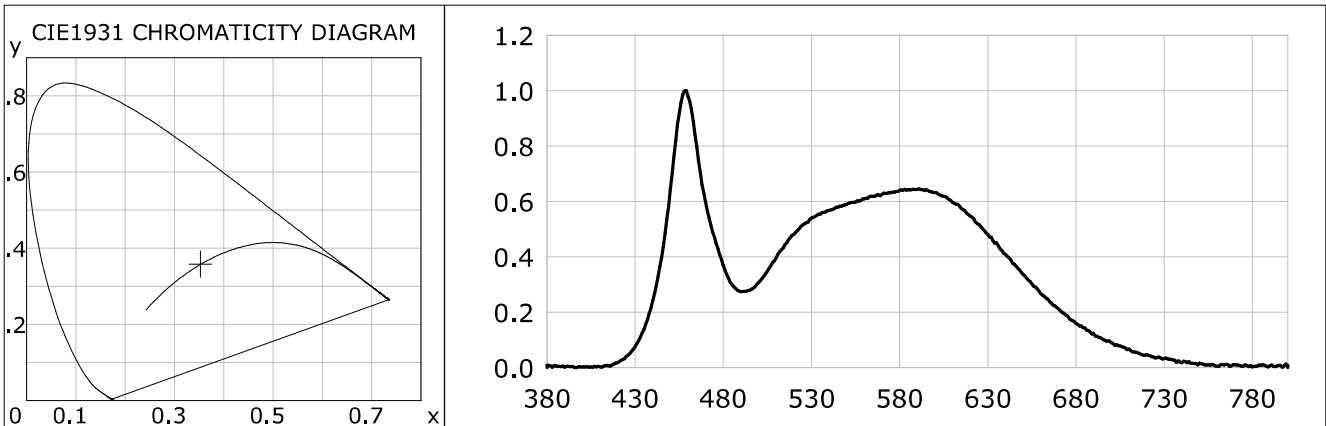
# Lightsource Test Report

## Product Information

Product Spec: PA 10W Sanan 2700-6500K      Product Number: 1  
Manufacturer: FAROS

## CIE Colorimetric Parameters

Chromaticity coordinates:  $x=0.3526$   $y=0.3585$      $u(u')=0.2138$   $v=0.3261$   $v'=0.4891$   
CCT:  $T_c=4951K$  ( $duv=0.00050$ )      Color Ratio:  $R=0.167$   $G=0.784$   $B=0.049$   
Peak Wavelength: 458.5nm      Half Bandwidth: 26.3nm  
Dominant Wavelength: 574.8nm      Color Purity: 0.134  
CRI:  $R_a=84.5$       TM30:  $R_f=79$ ,  $R_g=92$   
 $R_1=84$      $R_2=93$      $R_3=95$      $R_4=79$      $R_5=82$      $R_6=88$      $R_7=86$      $R_8=69$   
 $R_9=22$      $R_{10}=80$      $R_{11}=77$      $R_{12}=56$      $R_{13}=87$      $R_{14}=98$      $R_{15}=80$   
Color Quality Scale:  $Q_a=82.0$ ,  $Q_f=82.3$ ,  $Q_p=80.8$ ,  $Q_g=90.7$   
 $Q_1=81$      $Q_2=96$      $Q_3=81$      $Q_4=71$      $Q_5=75$      $Q_6=77$      $Q_7=83$      $Q_8=89$   
 $Q_9=98$      $Q_{10}=91$      $Q_{11}=86$      $Q_{12}=86$      $Q_{13}=85$      $Q_{14}=77$      $Q_{15}=79$



## Photometric Parameters

Luminous Flux: 826.21 lm      Efficiency: 79.22 lm/W      Radiant Power: 2.598 W  
EEI: 0.16      Energy Efficiency Class: A+ (EU 874-2012)

## Electric Parameters

Voltage: 221.70V      Current: 0.0500A      Power: 10.43W  
Power Factor: 0.9450      Frequency: 49.99Hz

### Test Information

Scan Range: 380~800:1nm  
Stabilization Time: 0 Min  
Max of Signal: 44781 (3733)

Photometric Method: sphere-spectroradiometer  
Photometric Condition: Sphere diameter: 2.00m, 4PI  
CCD Integration Time: 597.49 ms

Condition:  $T_x=29.3^\circ C$ ,  $T_i=28.5^\circ C$ , R.H.:60%  
Test Lab:  
Operator:

Test Device: Lisun LMS-9000A(Plus)  
Test Time: 2018-09-01 16:00:32  
Inspector: