

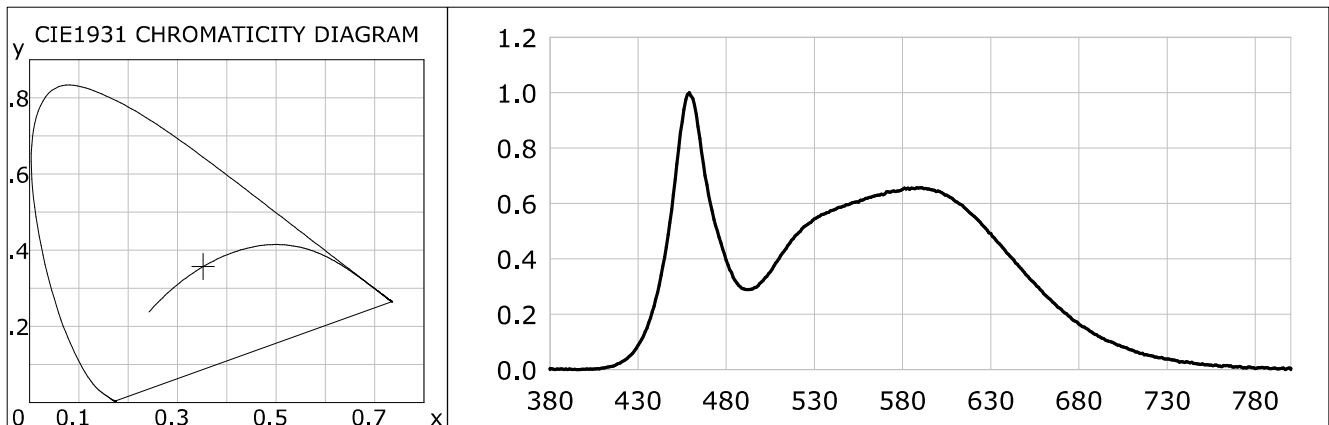
# Lightsource Test Report

## Product Information

Product Spec: PA 20W Sanan 2700-6500K      Product Number: 1  
Manufacturer: FAROS

## CIE Colorimetric Parameters

Chromaticity coordinates:  $x=0.3521$   $y=0.3576$        $u(u')=0.2138$   $v=0.3257$   $v'=0.4886$   
CCT:  $T_c=4966K$  ( $duv=0.00026$ )      Color Ratio:  $R=0.167$   $G=0.782$   $B=0.051$   
Peak Wavelength: 458.9nm      Half Bandwidth: 27.7nm  
Dominant Wavelength: 574.9nm      Color Purity: 0.130  
CRI:  $R_a=84.8$       TM30:  $R_f=80$ ,  $R_g=91$   
 $R1=84$     $R2=94$     $R3=95$     $R4=79$     $R5=82$     $R6=88$     $R7=85$     $R8=70$   
 $R9=23$     $R10=82$     $R11=77$     $R12=58$     $R13=88$     $R14=98$     $R15=80$   
Color Quality Scale:  $Q_a=82.2$ ,  $Q_f=82.5$ ,  $Q_p=80.8$ ,  $Q_g=90.6$   
 $Q1=81$     $Q2=96$     $Q3=82$     $Q4=72$     $Q5=75$     $Q6=76$     $Q7=83$     $Q8=89$   
 $Q9=98$     $Q10=92$     $Q11=86$     $Q12=86$     $Q13=85$     $Q14=77$     $Q15=79$



## Photometric Parameters

Luminous Flux: 1653.42 lm      Efficiency: 79.41 lm/W      Radiant Power: 5.234 W  
EEI: 0.17      Energy Efficiency Class: A (EU 874-2012)

## Electric Parameters

Voltage: 221.70V      Current: 0.0990A      Power: 20.82W  
Power Factor: 0.9470      Frequency: 49.99Hz

### Test Information

Scan Range: 380~800:1nm  
Stabilization Time: 0 Min  
Max of Signal: 45062 (3545)

Photometric Method: sphere-spectroradiometer  
Photometric Condition: Sphere diameter: 2.00m, 4PI  
CCD Integration Time: 299.21 ms

Condition:  $T_x=28.9^{\circ}C$ ,  $T_i=28.5^{\circ}C$ , R.H.:60%  
Test Lab:  
Operator:

Test Device: Lisun LMS-9000A(Plus)  
Test Time: 2018-09-01 14:31:11  
Inspector: