

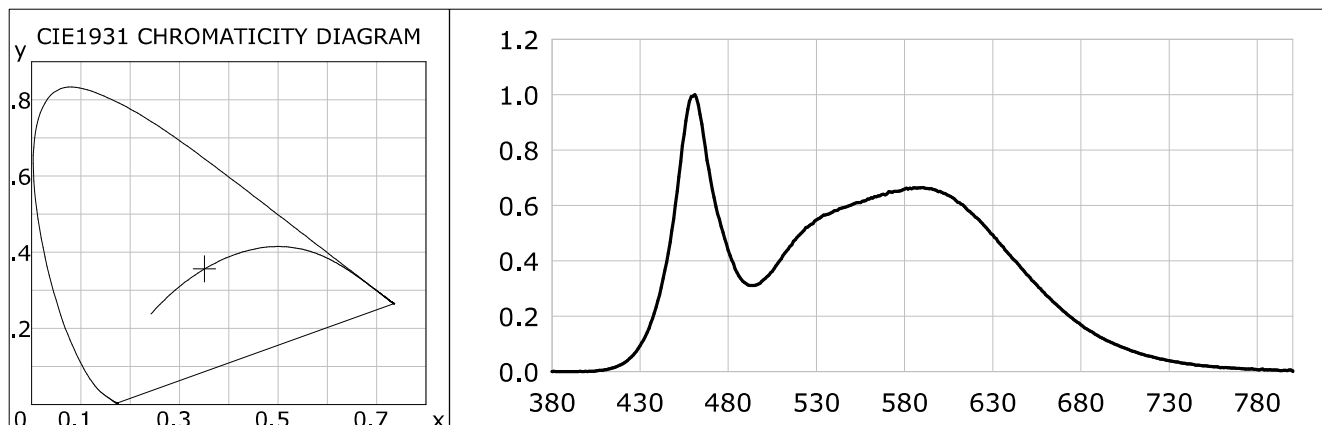
Lightsource Test Report

Product Infomation

Product Spec: PA 100W Sanan 2700-6500 K Product Number: 1
Manufacturer: FAROS

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3508$ $y=0.3570$ $u(u')=0.2132$ $v=0.3254$ $v'=0.4881$
CCT: $T_c=4911K$ ($duv=0.00045$) Color Ratio: $R=0.166$ $G=0.781$ $B=0.053$
Peak Wavelength: 460.8nm Half Bandwidth: 29.4nm
Dominant Wavelength: 574.4nm Color Purity: 0.124
CRI: $R_a=84.9$ TM30: $R_f=79$, $R_g=91$
 $R1=85$ $R2=95$ $R3=95$ $R4=78$ $R5=83$ $R6=89$ $R7=85$ $R8=69$
 $R9=24$ $R10=84$ $R11=76$ $R12=59$ $R13=88$ $R14=98$ $R15=81$
Color Quality Scale: $Q_a=82.4$, $Q_f=82.8$, $Q_p=80.8$, $Q_g=90.1$
 $Q1=80$ $Q2=95$ $Q3=83$ $Q4=73$ $Q5=75$ $Q6=76$ $Q7=83$ $Q8=89$
 $Q9=98$ $Q10=93$ $Q11=87$ $Q12=86$ $Q13=86$ $Q14=77$ $Q15=79$



Photometric Parameters

Luminous Flux: 7084.94 lm Efficiency: 79.87 lm/W Radiant Power: 22.561 W
EEI: 0.17 Energy Efficiency Class: A (EU 874-2012)

Electric Parameters

Voltage: 221.60V Current: 0.4210A Power: 88.71W
Power Factor: 0.9500 Frequency: 49.99Hz

Test Infomation

Scan Range: 380~800:1nm
Stabilization Time: 0 Min
Max of Signal: 49823 (3308)

Photometric Method: sphere-spectroradiometer
Photometric Condition: Sphere diameter: 2.00m, 4PI
CCD Integration Time: 80.26 ms

Condition: $T_x=28.3^{\circ}C$, $T_i=28.0^{\circ}C$, R.H.:60%
Test Lab:
Operator:

Test Device: Lisun LMS-9000A(Plus)
Test Time: 2018-09-01 13:08:47
Inspector: