

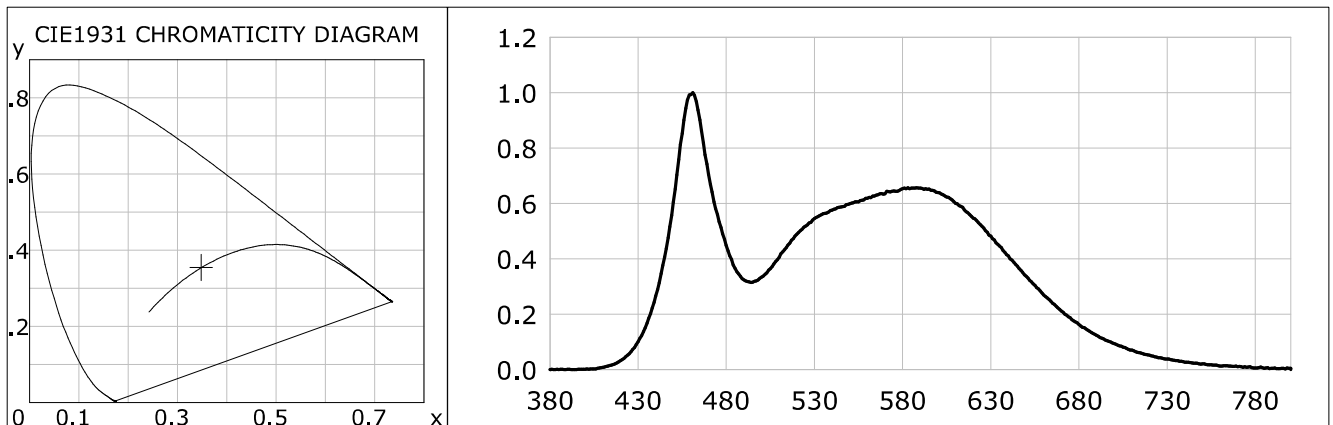
Lightsource Test Report

Product Information

Product Spec: PA 50W Sanan 2700-6500K Product Number: 1
Manufacturer: FAROS

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3481$ $y=0.3550$ $u(u')=0.2122$ $v=0.3245$ $v'=0.4867$
CCT: $T_c=4999K$ ($duv=0.00046$) Color Ratio: $R=0.164$ $G=0.781$ $B=0.054$
Peak Wavelength: 460.9nm Half Bandwidth: 30.0nm
Dominant Wavelength: 573.5nm Color Purity: 0.110
CRI: $R_a=84.9$ TM30: $R_f=79$, $R_g=91$
 $R_1=85$ $R_2=95$ $R_3=95$ $R_4=78$ $R_5=83$ $R_6=89$ $R_7=85$ $R_8=69$
 $R_9=23$ $R_{10}=84$ $R_{11}=76$ $R_{12}=59$ $R_{13}=89$ $R_{14}=98$ $R_{15}=81$
Color Quality Scale: $Q_a=82.3$, $Q_f=82.7$, $Q_p=80.7$, $Q_g=90.0$
 $Q_1=80$ $Q_2=95$ $Q_3=84$ $Q_4=73$ $Q_5=74$ $Q_6=76$ $Q_7=82$ $Q_8=89$
 $Q_9=98$ $Q_{10}=93$ $Q_{11}=87$ $Q_{12}=86$ $Q_{13}=86$ $Q_{14}=77$ $Q_{15}=79$



Photometric Parameters

Luminous Flux: 3843.82 lm Efficiency: 76.74 lm/W Radiant Power: 12.269 W
EEI: 0.18 Energy Efficiency Class: A (EU 874-2012)

Electric Parameters

Voltage: 221.60V Current: 0.2360A Power: 50.09W
Power Factor: 0.9580 Frequency: 49.99Hz

Test Information

Scan Range: 380~800:1nm
Stabilization Time: 0 Min
Max of Signal: 45475 (3277)

Photometric Method: sphere-spectroradiometer
Photometric Condition: Sphere diameter: 2.00m, 4PI
CCD Integration Time: 129.58 ms

Condition: $T_x=27.6^{\circ}C$, $T_i=28.0^{\circ}C$, R.H.:60%
Test Lab:
Operator:

Test Device: Lisun LMS-9000A(Plus)
Test Time: 2018-09-01 12:11:10
Inspector: