

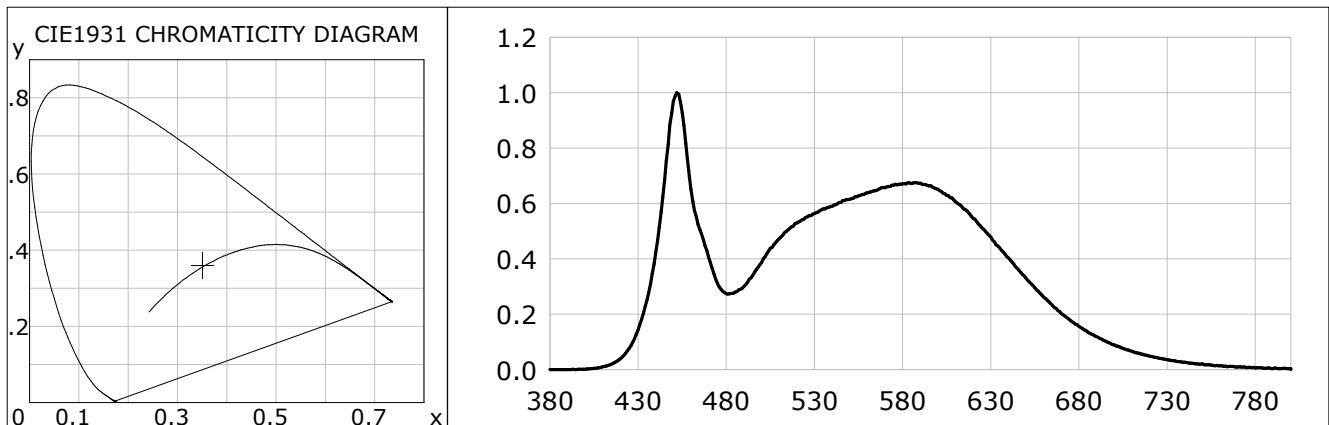
Lightsource Test Report

Product Infomation

Product Spec: FD 111 154LED 100W 5000K Product Number: 4
Manufacturer: FAROS

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3510$ $y=0.3605$ $u(u')=0.2119$ $v=0.3265$ $v'=0.4898$
CCT: $T_c=4819K$ ($duv=0.00210$) Color Ratio: $R=0.161$ $G=0.795$ $B=0.045$
Peak Wavelength: 452.2nm Half Bandwidth: 23.7nm
Dominant Wavelength: 572.9nm Color Purity: 0.135
CRI: R_a : $R_a=83.2$
 $R1=81$ $R2=89$ $R3=94$ $R4=82$ $R5=81$ $R6=84$ $R7=87$ $R8=68$
 $R9=11$ $R10=73$ $R11=80$ $R12=58$ $R13=83$ $R14=97$ $R15=76$
Color Quality Scale: $Q_a=82.6$, $Q_f=82.8$, $Q_p=82.0$, $Q_g=91.6$
 $Q1=83$ $Q2=98$ $Q3=79$ $Q4=74$ $Q5=80$ $Q6=82$ $Q7=85$ $Q8=90$
 $Q9=97$ $Q10=89$ $Q11=85$ $Q12=84$ $Q13=84$ $Q14=73$ $Q15=77$



Photometric Parameters

Luminous Flux: 11710.47 lm Efficiency: 116.75 lm/W Radiant Power: 36.429 W

Electric Parameters

Voltage: 219.80V Current: 0.4620A Power: 100.30W
Power Factor: 0.9870 Frequency: 49.99Hz

Test Infomation

Scan Range: 380~800:1nm
Stabilization Time: 0 Min
Max of Signal: 45611 (3000)

Photometric Method: sphere-spectroradiometer
Photometric Condition: Sphere diameter: 2.00m, 4PI
CCD Integration Time: 47.44 ms

Condition: $T_x=24.1^{\circ}C$, $T_i=23.5^{\circ}C$, R.H.:60%
Test Lab:
Operator:

Test Device: Lisun LMS-9000A(Plus)
Test Time: 2018-03-16 16:21:06
Inspector: