

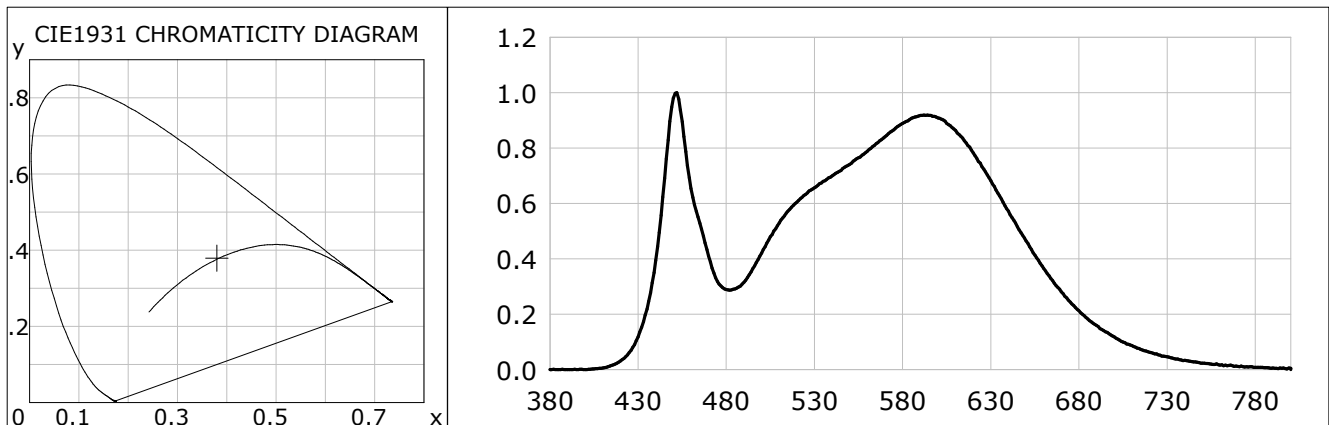
Lightsource Test Report

Product Information

Product Spec: FI135 40LED 0,35A 47W 4000K Product Number: 22
Manufacturer: FAROS

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3804$ $y=0.3794$ $u(u')=0.2240$ $v=0.3352$ $v'=0.5027$
CCT: $T_c=4020K$ ($duv=0.00123$) Color Ratio: $R=0.181$ $G=0.783$ $B=0.037$
Peak Wavelength: 451.5nm Half Bandwidth: 24.2nm
Dominant Wavelength: 578.3nm Color Purity: 0.280
CRI: $R_a=82.4$
 $R1=80$ $R2=89$ $R3=95$ $R4=81$ $R5=81$ $R6=85$ $R7=85$ $R8=64$
 $R9=6$ $R10=74$ $R11=79$ $R12=60$ $R13=83$ $R14=97$ $R15=74$
Color Quality Scale: $Q_a=82.2$, $Q_f=82.6$, $Q_p=81.7$, $Q_g=91.7$
 $Q1=81$ $Q2=98$ $Q3=80$ $Q4=75$ $Q5=80$ $Q6=82$ $Q7=84$ $Q8=89$
 $Q9=98$ $Q10=89$ $Q11=85$ $Q12=84$ $Q13=83$ $Q14=72$ $Q15=75$



Photometric Parameters

Luminous Flux: 5666.18 lm Efficiency: 127.47 lm/W Radiant Power: 17.087 W

Electric Parameters

Voltage: 220.20V Current: 0.2050A Power: 44.45W
Power Factor: 0.9830 Frequency: 50.00Hz

Test Information

Scan Range: 380~800:1nm
Stabilization Time: 40 Min
Max of Signal: 43435 (3180)

Photometric Method: sphere-spectroradiometer
Photometric Condition: Sphere diameter: 2.00m, 4PI
CCD Integration Time: 124.06 ms

Condition: $T_x=26.4^\circ C$, $T_i=26.0^\circ C$, R.H.:60%
Test Lab:
Operator:

Test Device: Lisun LMS-9000A(Plus)
Test Time: 2017-09-12 14:35:59
Inspector: