

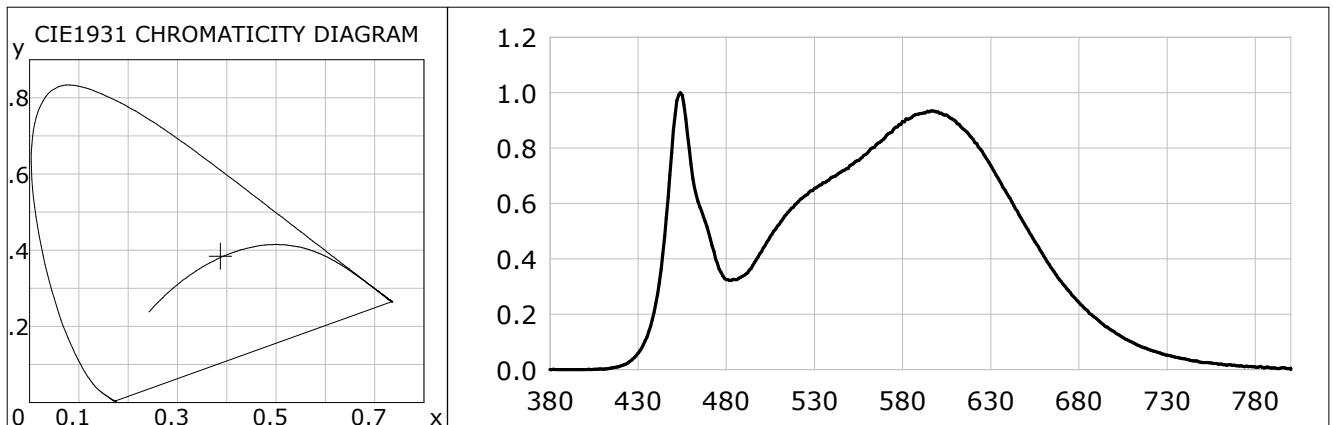
Lightsource Test Report

Product Information

Product Spec: FI135 40LED 0,35A 47W 4000K Product Number: 25
Manufacturer: FAROS

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3875$ $y=0.3845$ $u(u')=0.2266$ $v=0.3373$ $v'=0.5060$
CCT: $T_c=3873K$ ($duv=0.00158$) Color Ratio: $R=0.189$ $G=0.773$ $B=0.038$
Peak Wavelength: 454.0nm Half Bandwidth: 24.5nm
Dominant Wavelength: 578.8nm Color Purity: 0.317
CRI: $R_a=84.4$
 $R1=83$ $R2=92$ $R3=96$ $R4=82$ $R5=83$ $R6=88$ $R7=85$ $R8=66$
 $R9=16$ $R10=80$ $R11=80$ $R12=62$ $R13=85$ $R14=99$ $R15=77$
Color Quality Scale: $Q_a=84.0$, $Q_f=84.4$, $Q_p=82.7$, $Q_g=91.5$
 $Q1=82$ $Q2=97$ $Q3=83$ $Q4=77$ $Q5=81$ $Q6=83$ $Q7=86$ $Q8=90$
 $Q9=98$ $Q10=92$ $Q11=88$ $Q12=87$ $Q13=86$ $Q14=75$ $Q15=78$



Photometric Parameters

Luminous Flux: 3673.14 lm Efficiency: 83.77 lm/W Radiant Power: 11.192 W

Electric Parameters

Voltage: 220.00V Current: 0.2030A Power: 43.85W
Power Factor: 0.9830 Frequency: 49.99Hz

Test Information

Scan Range: 380~800:1nm
Stabilization Time: 0 Min
Max of Signal: 49099 (3107)

Photometric Method: sphere-spectroradiometer
Photometric Condition: Sphere diameter: 2.00m, 4PI
CCD Integration Time: 200.00 ms

Condition: $T_x=24.9^{\circ}C$, $T_i=24.0^{\circ}C$, R.H.:60%
Test Lab:
Operator:

Test Device: Lisun LMS-9000A(Plus)
Test Time: 2017-12-19 09:58:08
Inspector: