

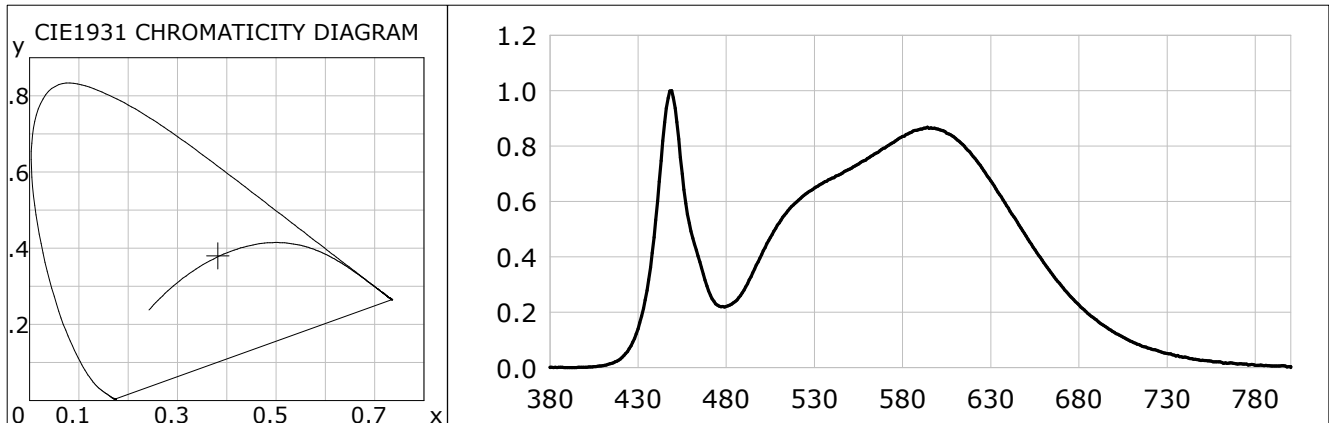
Lightsource Test Report

Product Infomation

Product Spec: FL 1500 3x40LED 0,39A 40W Product Number: 20
Manufacturer: FAROS

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3819$ $y=0.3803$ $u(u')=0.2246$ $v=0.3356$ $v'=0.5033$
CCT: $T_c=3988K$ ($duv=0.00123$) Color Ratio: $R=0.183$ $G=0.784$ $B=0.033$
Peak Wavelength: 448.5nm Half Bandwidth: 20.3nm
Dominant Wavelength: 578.5nm Color Purity: 0.287
CRI: R_a : $R_a=82.9$
 $R1=81$ $R2=88$ $R3=92$ $R4=83$ $R5=82$ $R6=83$ $R7=87$ $R8=67$
 $R9=12$ $R10=71$ $R11=82$ $R12=61$ $R13=83$ $R14=96$ $R15=76$
Color Quality Scale: $Q_a=83.2$, $Q_f=83.2$, $Q_p=83.7$, $Q_g=93.9$
 $Q1=83$ $Q2=98$ $Q3=79$ $Q4=77$ $Q5=83$ $Q6=84$ $Q7=85$ $Q8=89$
 $Q9=97$ $Q10=88$ $Q11=85$ $Q12=85$ $Q13=85$ $Q14=74$ $Q15=77$



Photometric Parameters

Luminous Flux: 4522.49 lm Efficiency: 111.69 lm/W Radiant Power: 13.767 W

Electric Parameters

Voltage: 220.20V Current: 0.1900A Power: 40.49W
Power Factor: 0.9670 Frequency: 50.00Hz

Test Infomation

Scan Range: 380~800:1nm
Stabilization Time: 40 Min
Max of Signal: 51097 (3260)

Photometric Method: sphere-spectroradiometer
Photometric Condition: Sphere diameter: 2.00m, 4PI
CCD Integration Time: 170.00 ms

Condition: $T_x=26.6^{\circ}C$, $T_i=26.0^{\circ}C$, R.H.:60%
Test Lab:
Operator:

Test Device: Lisun LMS-9000A(Plus)
Test Time: 2017-09-19 11:20:41
Inspector: