

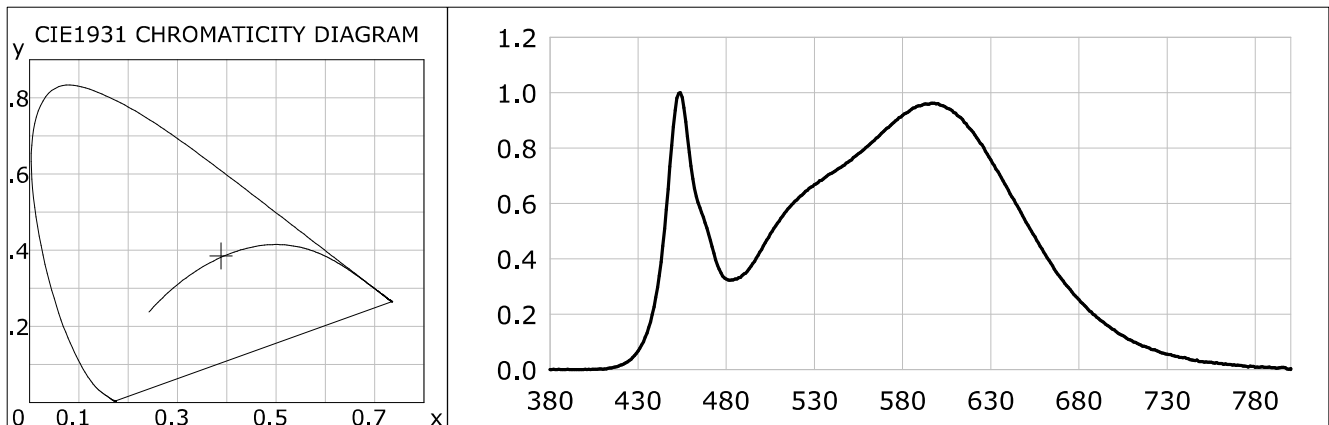
Lightsource Test Report

Product Infomation

Product Spec: FG 50 3x25LED 40W 4000K Product Number: 18
Manufacturer: FAROS

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3889$ $y=0.3851$ $u(u')=0.2273$ $v=0.3377$ $v'=0.5065$
CCT: $T_c=3841K$ ($duv=0.00150$) Color Ratio: $R=0.190$ $G=0.773$ $B=0.037$
Peak Wavelength: 453.6nm Half Bandwidth: 24.7nm
Dominant Wavelength: 578.9nm Color Purity: 0.323
CRI: $R_a=84.2$ TM30: $R_f=82$, $R_g=94$
 $R1=83$ $R2=91$ $R3=96$ $R4=82$ $R5=82$ $R6=88$ $R7=85$ $R8=66$
 $R9=15$ $R10=79$ $R11=80$ $R12=62$ $R13=85$ $R14=98$ $R15=77$
Color Quality Scale: $Q_a=83.9$, $Q_f=84.4$, $Q_p=82.7$, $Q_g=91.6$
 $Q1=82$ $Q2=97$ $Q3=83$ $Q4=77$ $Q5=81$ $Q6=83$ $Q7=86$ $Q8=90$
 $Q9=98$ $Q10=92$ $Q11=88$ $Q12=86$ $Q13=85$ $Q14=75$ $Q15=78$



Photometric Parameters

Luminous Flux: 3234.43 lm Efficiency: 79.63 lm/W Radiant Power: 9.856 W

Electric Parameters

Voltage: 220.10V Current: 0.1860A Power: 40.62W
Power Factor: 0.9900 Frequency: 49.99Hz

Test Infomation

Scan Range: 380~800:1nm
Stabilization Time: 40 Min
Max of Signal: 45038 (2992)

Photometric Method: sphere-spectroradiometer
Photometric Condition: Sphere diameter: 2.00m, 4PI
CCD Integration Time: 215.37 ms

Condition: $T_x=22.6^{\circ}C$, $T_i=22.0^{\circ}C$, R.H.:60%
Test Lab:
Operator:

Test Device: Lisun LMS-9000A(Plus)
Test Time: 2017-10-16 08:43:17
Inspector: