

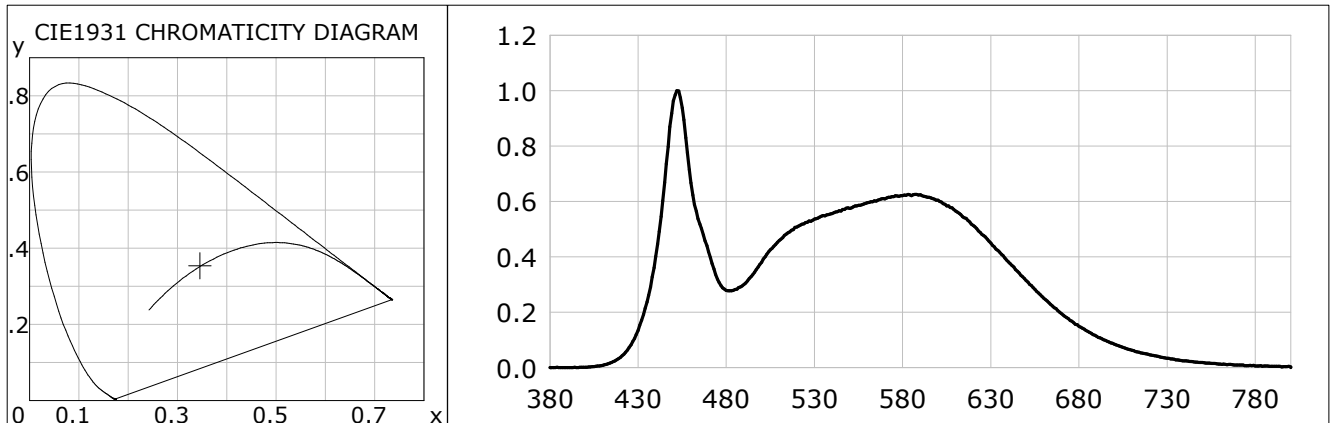
Lightsource Test Report

Product Infomation

Product Spec: FD 111 360LED 220W 5000K Product Number: 3
Manufacturer: FAROS

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3455$ $y=0.3545$ $u(u')=0.2106$ $v=0.3241$ $v'=0.4862$
CCT: $T_c=4996K$ ($duv=0.00130$) Color Ratio: $R=0.160$ $G=0.793$ $B=0.048$
Peak Wavelength: 452.5nm Half Bandwidth: 24.0nm
Dominant Wavelength: 571.5nm Color Purity: 0.101
CRI: R_a : $R_a=84.7$
 $R1=83$ $R2=90$ $R3=94$ $R4=83$ $R5=83$ $R6=85$ $R7=88$ $R8=70$
 $R9=18$ $R10=76$ $R11=82$ $R12=59$ $R13=85$ $R14=97$ $R15=79$
Color Quality Scale: $Q_a=83.6$, $Q_f=83.7$, $Q_p=83.2$, $Q_g=92.3$
 $Q1=84$ $Q2=98$ $Q3=80$ $Q4=75$ $Q5=80$ $Q6=83$ $Q7=86$ $Q8=90$
 $Q9=98$ $Q10=90$ $Q11=86$ $Q12=85$ $Q13=85$ $Q14=75$ $Q15=79$



Photometric Parameters

Luminous Flux: 26551.02 lm Efficiency: 119.98 lm/W Radiant Power: 83.930 W

Electric Parameters

Voltage: 219.40V Current: 1.0270A Power: 221.30W
Power Factor: 0.9820 Frequency: 50.00Hz

Test Infomation

Scan Range: 380~800:1nm
Stabilization Time: 0 Min
Max of Signal: 45999 (2955)

Photometric Method: sphere-spectroradiometer
Photometric Condition: Sphere diameter: 2.00m, 4PI
CCD Integration Time: 21.61 ms

Condition: $T_x=24.1^{\circ}C$, $T_i=24.5^{\circ}C$, R.H.:60%
Test Lab:
Operator:

Test Device: Lisun LMS-9000A(Plus)
Test Time: 2018-03-16 13:27:55
Inspector: