

Lightsource Test Report

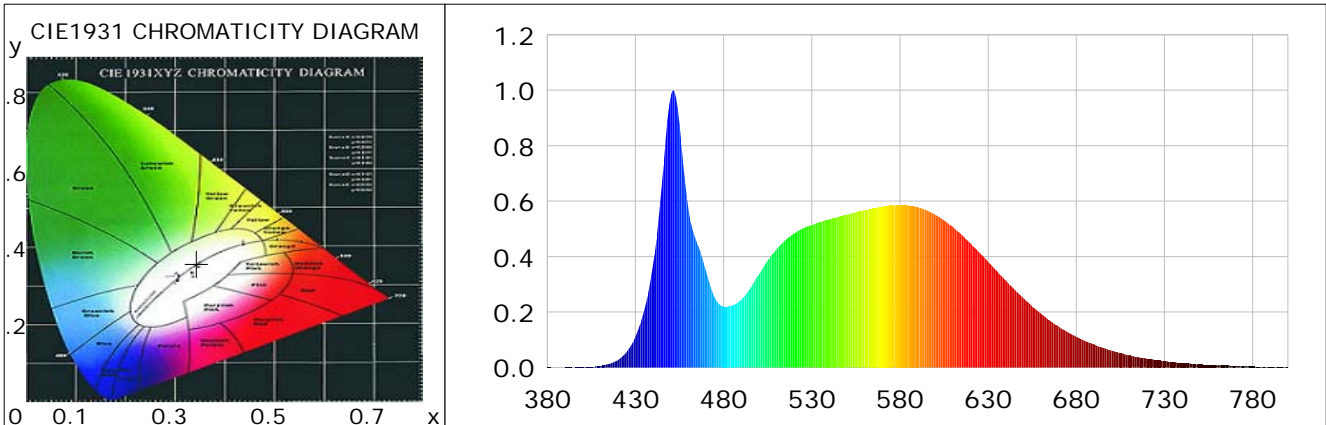
Product Infomation

Product Spec: FG 50 0,345A 42W 5000K Product Number: 1
Manufacturer: FAROS

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3431$ $y=0.3589$ $u(u')=0.2073$ $v=0.3252$ $v'=0.4879$
CCT: $T_c=5100K$ ($duv=0.00442$) Color Ratio: $R=0.150$ $G=0.806$ $B=0.044$
Peak Wavelength: 451.4nm Half Bandwidth: 19.8nm
Dominant Wavelength: 567.3nm Color Purity: 0.106
CRI: $R_a=84.3$

R1 =81	R2 =84	R3 =84	R4 =87	R5 =81	R6 =76	R7 =91	R8 =74
R9 =10	R10=59	R11=86	R12=47	R13=81	R14=91	R15=78	
Color Quality Scale: $Q_a=80.1$, $Q_f=80.4$, $Q_p=79.3$, $Q_g=90.3$							
Q1 =83	Q2 =98	Q3 =77	Q4 =69	Q5 =76	Q6 =79	Q7 =85	Q8 =91
Q9 =96	Q10=86	Q11=81	Q12=80	Q13=80	Q14=71	Q15=76	



Photometric Parameters

Luminous Flux: 5957.89 lm Efficiency: 141.35 lm/W Radiant Power: 18.129 W

Electric Parameters

Voltage: 220.80V Current: 0.1990A Power: 42.15W
Power Factor: 0.9550 Frequency: 0.00Hz

Test Infomation

Scan Range: 380~800:1nm	Photometric Method: sphere-spectroradiometer
Stabilization Time: 0 ms	Photometric Condition: Sphere diameter: 1.00m, 4PI
Max of Signal: 53403 (2922)	CCD Integration Time: 101.65 ms

Condition: $T_x=22.9^\circ C$, $T_i=23.0^\circ C$, R.H.:60%
Test Lab:
Operator:

Test Device: Lisun LMS-9000A(Plus)
Test Time: 2018-10-16 14:05:33
Inspector: