

Lightsource Test Report

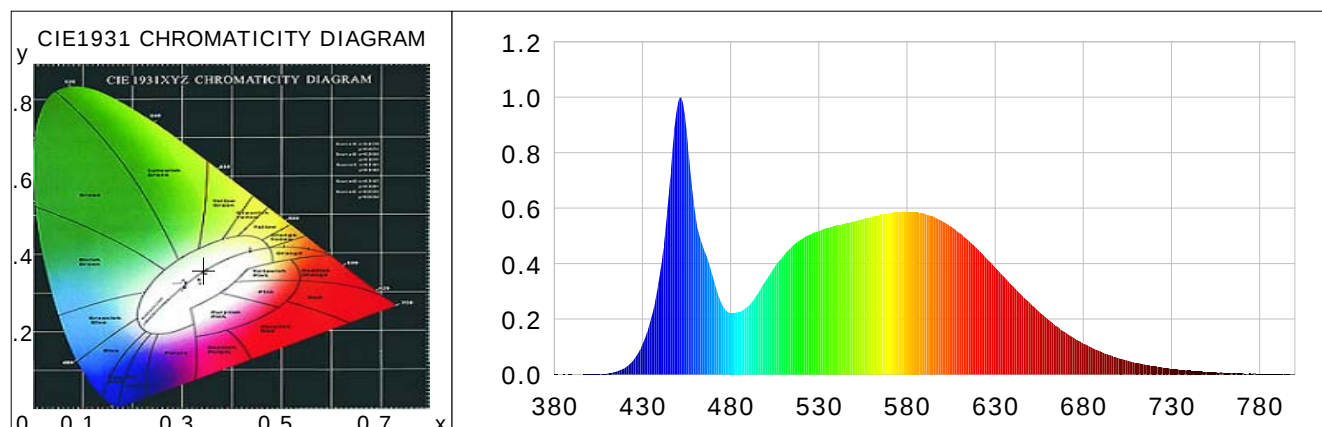
Product Infomation

Product Spec: FG 55 0,345A 42W 5000K opal Product Number: 1
Manufacturer: FAROS

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3437$ $y=0.3596$ $u(u')=0.2074$ $v=0.3255$ $v'=0.4883$
CCT: $T_c=5078K$ ($duv=0.00453$) Color Ratio: $R=0.151$ $G=0.805$ $B=0.044$
Peak Wavelength: 451.6nm Half Bandwidth: 19.7nm
Dominant Wavelength: 567.6nm Color Purity: 0.110
CRI: Ra: Ra= 84.6

R1 =81	R2 =84	R3 =84	R4 =88	R5 =81	R6 =77	R7 =91	R8 =74
R9 =12	R10=60	R11=86	R12=48	R13=81	R14=91	R15=78	
Color Quality Scale: $Q_a= 80.4$, $Q_f= 80.7$, $Q_p= 79.5$, $Q_g= 90.4$							
Q1 =83	Q2 =98	Q3 =77	Q4 =70	Q5 =76	Q6 =79	Q7 =85	Q8 =91
Q9 =96	Q10=86	Q11=81	Q12=80	Q13=81	Q14=72	Q15=76	



Photometric Parameters

Luminous Flux: 5076.97 lm Efficiency: 120.25 lm/W Radiant Power: 15.423 W

Electric Parameters

Voltage: 221.70V Current: 0.1980A Power: 42.22W
Power Factor: 0.9540 Frequency: 0.00Hz

Test Infomation

Scan Range: 380~800:1nm
Stabilization Time: 0 ms
Max of Signal: 45774 (2922)

Photometric Method: sphere-spectroradiometer
Photometric Condition: Sphere diameter: 1.00m, 4PI
CCD Integration Time: 101.65 ms

Condition: Tx:22.8'C, Ti:22.5'C, R.H.:60%
Test Lab:
Operator:

Test Device: Lisun LMS-9000A(Plus)
Test Time: 2018-10-16 13:58:37
Inspector: