

Lightsource Test Report

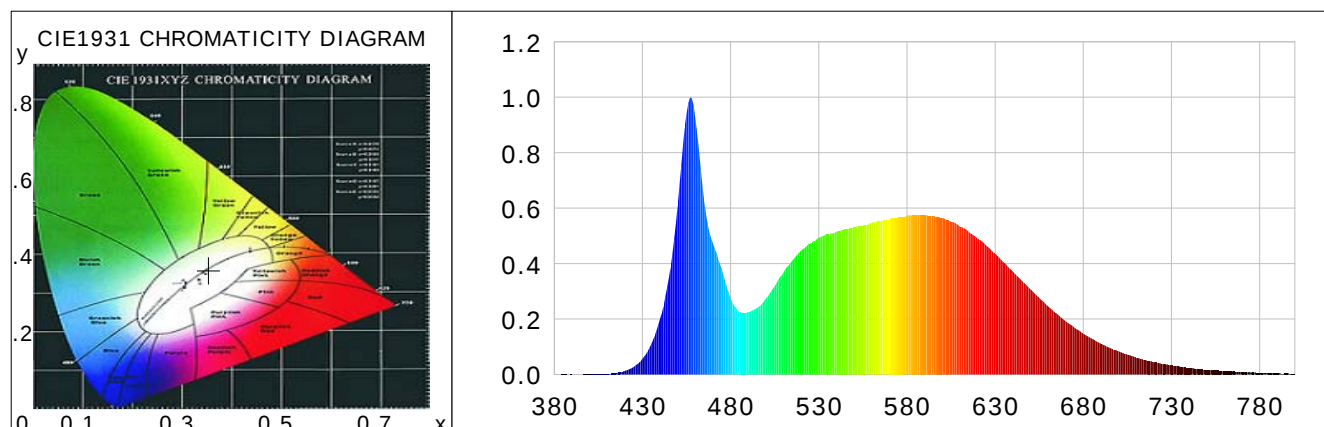
Product Information

Product Spec: FG 55 0,355A 57W 5000K opal Product Number: 1
Manufacturer: FAROS

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3534$ $y=0.3601$ $u(u')=0.2137$ $v=0.3267$ $v'=0.4900$
CCT: $T_c=4731K$ ($duv=0.00099$) Color Ratio: $R=0.167$ $G=0.787$ $B=0.046$
Peak Wavelength: 457.3nm Half Bandwidth: 20.4nm
Dominant Wavelength: 574.6nm Color Purity: 0.141
CRI: Ra: Ra= 84.4

R1 =84	R2 =92	R3 =95	R4 =80	R5 =82	R6 =86	R7 =87	R8 =70
R9 =22	R10=78	R11=78	R12=53	R13=87	R14=97	R15=80	
Color Quality Scale: $Q_a= 82.2$, $Q_f= 82.4$, $Q_p= 81.3$, $Q_g= 91.3$							
Q1 =82	Q2 =97	Q3 =79	Q4 =71	Q5 =75	Q6 =78	Q7 =84	Q8 =89
Q9 =97	Q10=90	Q11=86	Q12=86	Q13=86	Q14=77	Q15=79	



Photometric Parameters

Luminous Flux: 6903.84 lm Efficiency: 121.03 lm/W Radiant Power: 21.645 W

Electric Parameters

Voltage: 221.40V Current: 0.2640A Power: 57.04W
Power Factor: 0.9770 Frequency: 49.99Hz

Test Information

Scan Range: 380~800:1nm
Stabilization Time: 0 Min
Max of Signal: 45283 (3240)

Photometric Method: sphere-spectroradiometer
Photometric Condition: Sphere diameter: 2.00m, 4PI
CCD Integration Time: 72.02 ms

Condition: Tx:27.4'C, Ti:27.0'C, R.H.:60%
Test Lab:
Operator:

Test Device: Lisun LMS-9000A(Plus)
Test Time: 2018-08-23 16:36:27
Inspector: