

Lightsource Test Report

Product Infomation

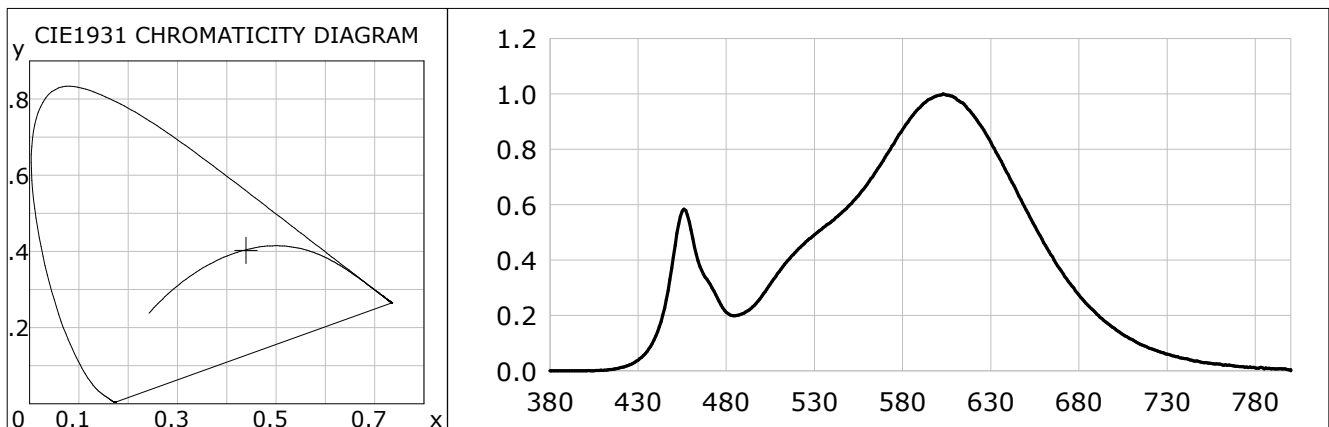
Product Category: 31.08.2017 14.42
Product Number: 15

Product Spec: FL 135 24LED 0,3A 32W 3000K
Manufacturer: FAROS

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.4391$ $y=0.4032$ $u(u')=0.2523$ $v=0.3476$ $v'=0.5214$
CCT: $T_c=2957K$ ($duv=-0.00062$) Color Ratio: $R=0.231$ $G=0.743$ $B=0.026$
Peak Wavelength: 603.2nm Half Bandwidth: 125.2nm
Dominant Wavelength: 583.2nm Color Purity: 0.529
CRI: $R_a=81.5$

R1 =80	R2 =91	R3 =96	R4 =78	R5 =80	R6 =90	R7 =80	R8 =57
R9 =5	R10=80	R11=76	R12=68	R13=83	R14=98	R15=73	
Color Quality Scale: $Q_a=81.1$, $Q_f=82.9$, $Q_p=82.2$, $Q_g=90.2$							
Q1 =78	Q2 =94	Q3 =82	Q4 =76	Q5 =79	Q6 =81	Q7 =82	Q8 =85
Q9 =95	Q10=90	Q11=85	Q12=83	Q13=82	Q14=71	Q15=74	



Photometric Parameters

Luminous Flux: 3901.36 lm Efficiency: 119.45 lm/W Radiant Power: 11.839 W

Electric Parameters

Voltage: 220.20V Current: 0.1510A Power: 32.66W
Power Factor: 0.9850 Frequency: 50.00Hz

Test Infomation

Scan Range: 380~800:1nm
Stabilization Time: 40 Min
Max of Signal: 46009 (3067)

Photometric Method: sphere-spectroradiometer
Photometric Condition: Sphere diameter: 2.00m, 4PI
CCD Integration Time: 200.00 ms

Condition: $T_x=24.0^\circ C$, $T_i=24.0^\circ C$, R.H.:60%
Test Lab:
Operator:

Test Device: Lisun LMS-9000A(Plus)
Test Time:
Inspector: