

# Lightsource Test Report

## Product Information

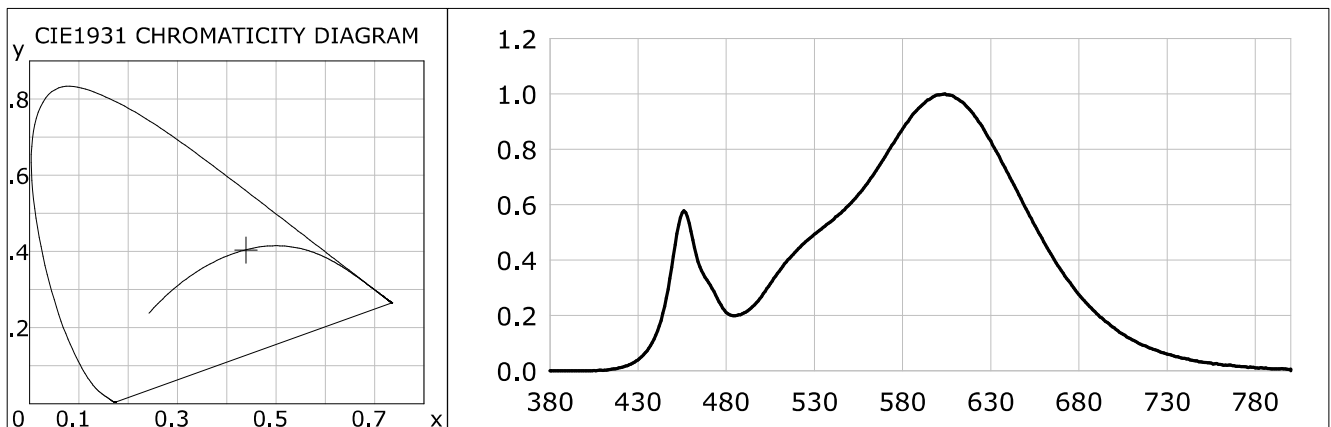
Product Category: 11.09.2017 10.07  
Product Number: 20

Product Spec: FI 135 24LED 0,35A 37W 3000K  
Manufacturer: FAROS

## CIE Colorimetric Parameters

Chromaticity coordinates:  $x=0.4392$   $y=0.4034$   $u(u')=0.2523$   $v=0.3477$   $v'=0.5215$   
CCT:  $T_c=2956K$  ( $duv=-0.00056$ ) Color Ratio:  $R=0.231$   $G=0.743$   $B=0.026$   
Peak Wavelength: 603.6nm Half Bandwidth: 125.7nm  
Dominant Wavelength: 583.2nm Color Purity: 0.530  
CRI:  $R_a=81.5$

R1 =80	R2 =91	R3 =96	R4 =78	R5 =80	R6 =89	R7 =80	R8 =57
R9 =5	R10=80	R11=76	R12=68	R13=83	R14=98	R15=73	
Color Quality Scale: $Q_a=81.2$ , $Q_f=82.9$ , $Q_p=82.2$ , $Q_g=90.2$							
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=72	Q15=74	



## Photometric Parameters

Luminous Flux: 4344.87 lm Efficiency: 117.08 lm/W Radiant Power: 13.190 W

## Electric Parameters

Voltage: 220.20V Current: 0.1720A Power: 37.11W  
Power Factor: 0.9790 Frequency: 50.00Hz

## Test Information

Scan Range: 380~800:1nm  
Stabilization Time: 40 Min  
Max of Signal: 49875 (3064)

Photometric Method: sphere-spectroradiometer  
Photometric Condition: Sphere diameter: 2.00m, 4PI  
CCD Integration Time: 196.05 ms

Condition:  $T_x=24.1^{\circ}C$ ,  $T_i=23.5^{\circ}C$ , R.H.:60%  
Test Lab:  
Operator:

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