

# Lightsource Test Report

## Product Information

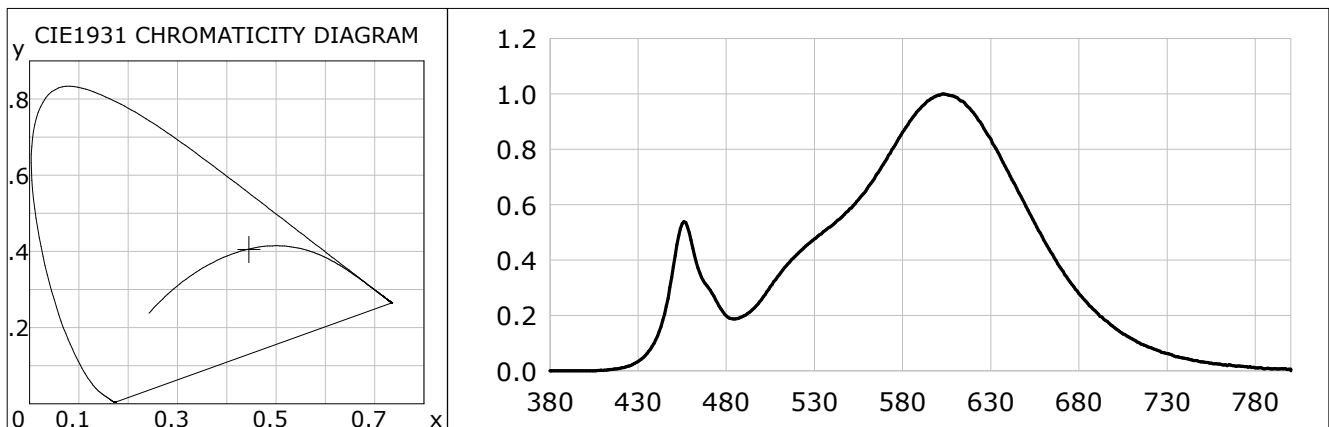
Product Category: 11.09.2017 10.07  
Product Number: 18

Product Spec: FL 1500 3x40LED 0,39A 40W 5000K  
Manufacturer: FAROS

## CIE Colorimetric Parameters

Chromaticity coordinates:  $x=0.4451$   $y=0.4058$   $u(u')=0.2551$   $v=0.3489$   $v'=0.5233$   
CCT:  $T_c=2881K$  ( $duv=-0.00035$ ) Color Ratio:  $R=0.236$   $G=0.739$   $B=0.025$   
Peak Wavelength: 602.8nm Half Bandwidth: 123.1nm  
Dominant Wavelength: 583.5nm Color Purity: 0.554  
CRI: Ra: Ra= 81.5

R1 =80	R2 =91	R3 =95	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: Qa= 81.3, Qf= 83.2, Qp= 82.3, Qg= 89.9							
Q1 =78	Q2 =94	Q3 =82	Q4 =77	Q5 =80	Q6 =81	Q7 =82	Q8 =85
Q9 =95	Q10=90	Q11=86	Q12=83	Q13=82	Q14=72	Q15=74	



## Photometric Parameters

Luminous Flux: 4723.42 lm Efficiency: 120.07 lm/W Radiant Power: 14.369 W

## Electric Parameters

Voltage: 220.20V Current: 0.1860A Power: 39.34W  
Power Factor: 0.9610 Frequency: 49.99Hz

## Test Information

Scan Range: 380~800:1nm  
Stabilization Time: 40 Min  
Max of Signal: 45128 (3151)

Photometric Method: sphere-spectroradiometer  
Photometric Condition: Sphere diameter: 2.00m, 4PI  
CCD Integration Time: 155.52 ms

Condition: Tx:25.6°C, Ti:25.0°C, R.H.:60%  
Test Lab:  
Operator:

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