

Lightsource Test Report

Product Information

Product Spec: FL 1500 27W
Manufacturer: FAROS

Product Number: 6

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3507$ $y=0.3638$ $u(u')=0.2105$ $v=0.3275$ $v'=0.4913$
CCT: $T_c=4942K$ ($duv=0.00384$) Color Ratio: $R=0.157$ $G=0.799$ $B=0.044$
Peak Wavelength: 451.0nm Half Bandwidth: 19.7nm
Dominant Wavelength: 571.4nm Color Purity: 0.144

CRI: Ra= 82.0

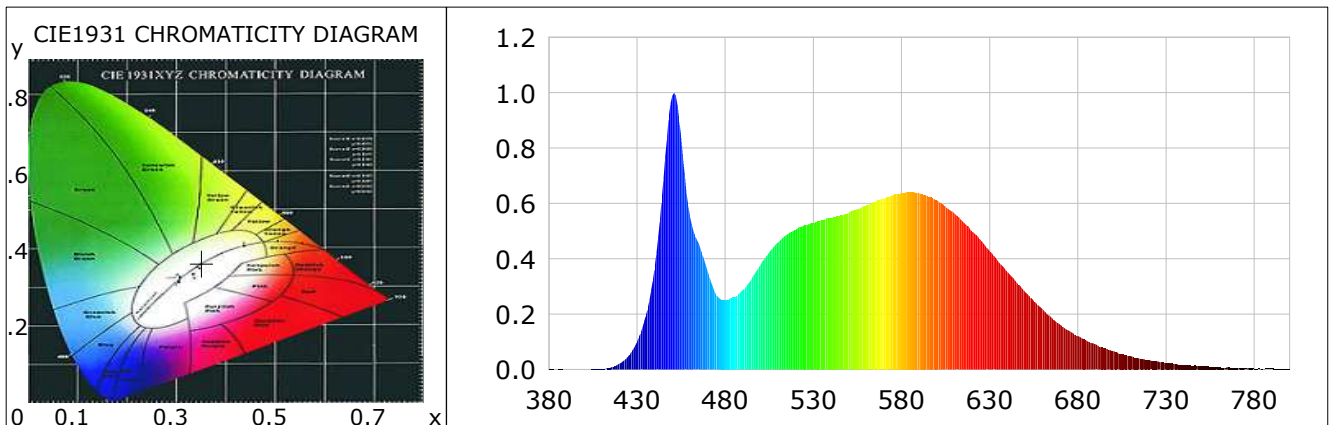
R1 =79 R2 =88 R3 =94 R4 =80 R5 =80 R6 =83 R7 =86 R8 =64

R9 =0 R10=72 R11=79 R12=56 R13=82 R14=97 R15=73

Color Quality Scale: $Q_a= 81.9$, $Q_f= 82.3$, $Q_p= 80.7$, $Q_g= 90.3$

Q1 =81 Q2 =98 Q3 =80 Q4 =75 Q5 =80 Q6 =81 Q7 =84 Q8 =89

Q9 =97 Q10=90 Q11=86 Q12=84 Q13=83 Q14=70 Q15=74



Photometric Parameters

Luminous Flux: 3982.73 lm

Efficiency: 134.14 lm/W

Radiant Power: 12.086 W

Electric Parameters

Voltage: 220.80V

Current: 0.1390A

Power: 29.69W

Power Factor: 0.9620

Frequency: 49.99Hz

Test Information

Scan Range: 380~800:1nm

Stabilization Time: 0 ms

Max of Signal: 46172 (2860)

Photometric Method: sphere-spectroradiometer

Photometric Condition: Sphere diameter: 2.00m, 4PI

CCD Integration Time: 261.42 ms

Condition: Tx:20.8'C, Ti:21.5'C, R.H.:60%

Test Lab:

Operator:

Test Device: Lisun LMS-9000A(Plus)

Test Time: 2019-04-19 08:32:13

Inspector: