

# Lightsource Test Report

## Product Information

Product Category: KL-A60F-6W-3000

Product Number: 3000K

## CIE Colorimetric Parameters

Chromaticity coordinates:  $x=0.4450$   $y=0.4091$   $u(u')=0.2536$   $v=0.3497$   $v'=0.5245$

CCT:  $T_c=2909K$  ( $duv=0.00093$ )

Color Ratio:  $R=0.252$   $G=0.719$   $B=0.030$

Peak Wavelength: 623.7nm

Half Bandwidth: 160.4nm

Dominant Wavelength: 582.9nm

Color Purity: 0.564

CRI:  $R_a=95.0$

TM30:  $R_f=90$ ,  $R_g=97$

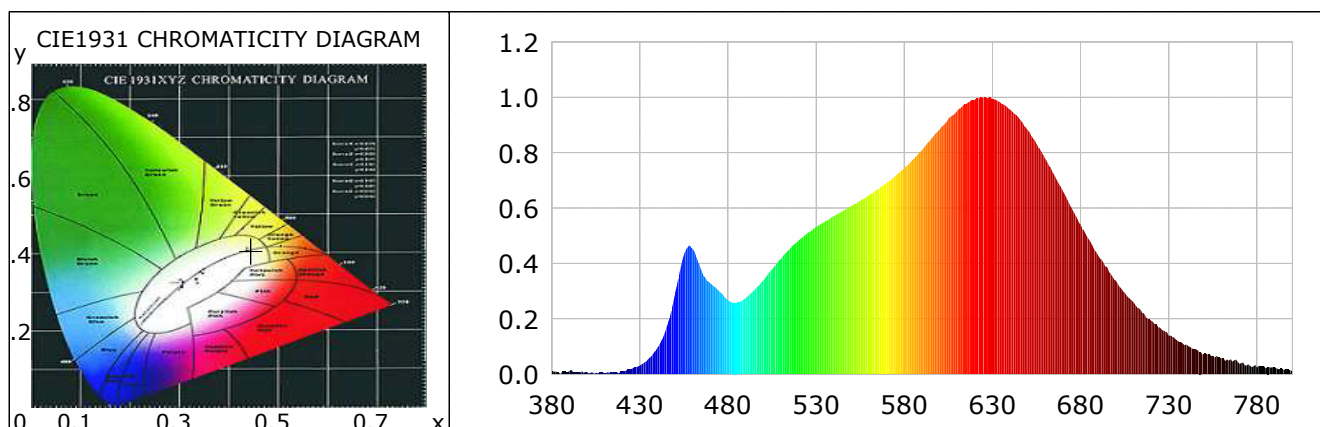
$R1=96$   $R2=99$   $R3=99$   $R4=94$   $R5=95$   $R6=98$   $R7=92$   $R8=86$

$R9=70$   $R10=95$   $R11=96$   $R12=81$   $R13=97$   $R14=99$   $R15=92$

Color Quality Scale:  $Q_a=92.5$ ,  $Q_f=94.0$ ,  $Q_p=93.8$ ,  $Q_g=94.7$

$Q1=88$   $Q2=95$   $Q3=92$   $Q4=90$   $Q5=90$   $Q6=92$   $Q7=95$   $Q8=96$

$Q9=96$   $Q10=96$   $Q11=96$   $Q12=96$   $Q13=95$   $Q14=91$   $Q15=90$



## Photometric Parameters

Luminous Flux: 687.36 lm

Efficiency: 112.31 lm/W

Radiant Power: 2.423 W

EEI: 0.11

Energy Efficiency Class: A++ (EU 874-2012)

## Electric Parameters

Voltage: 24.00V

Current: 0.2550A

Power: 6.12W

Power Factor: 0.0000

Frequency: 0.00Hz

## Test Information

Scan Range: 380~800:1nm

Stabilization Time: 0 ms

Max of Signal: 42435 (4970)

Photometric Method: sphere-spectroradiometer

Photometric Condition: Sphere diameter: 1.50m, 4 $\pi$

CCD Integration Time: 1371.39 ms

Condition:  $T_x=0.0^\circ C$ ,  $T_i=0.0^\circ C$ , R.H.:60%

Test Lab:

Operator:

Test Device: Inventfine CMS-2S (Plus)

Test Time: 2025-01-09 15:40:20

Inspector: