

Lightsource Test Report

Product Information

Product Category: KL-A60-6W-3000

Product Number: 3000K

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.4444$ $y=0.4110$ $u(u')=0.2524$ $v=0.3501$ $v'=0.5252$

CCT: $T_c=2933K$ ($duv=0.00172$)

Color Ratio: $R=0.247$ $G=0.725$ $B=0.028$

Peak Wavelength: 622.7nm

Half Bandwidth: 161.0nm

Dominant Wavelength: 582.5nm

Color Purity: 0.568

CRI: $R_a=93.1$

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

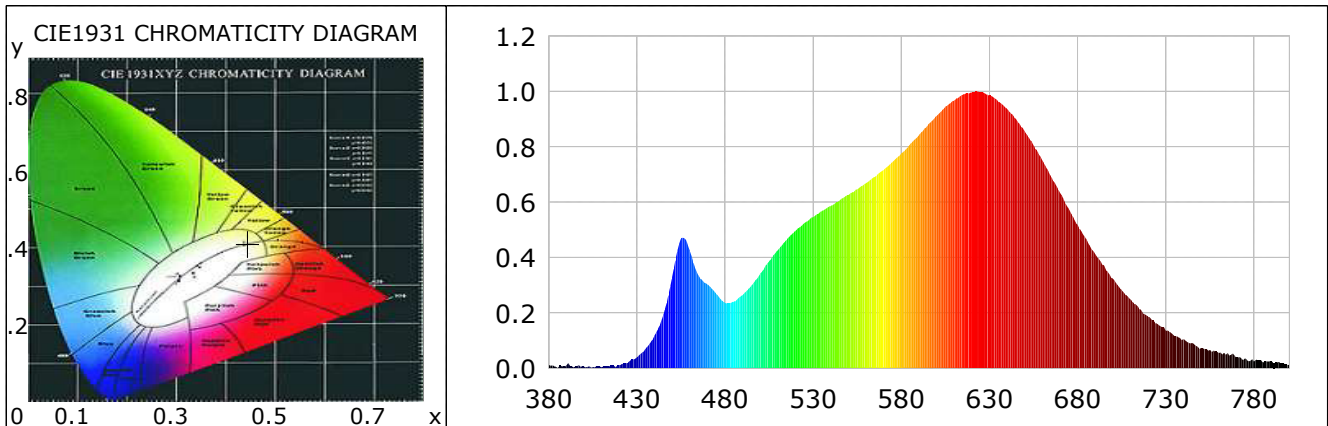
$R_1=93$ $R_2=97$ $R_3=98$ $R_4=93$ $R_5=93$ $R_6=96$ $R_7=92$ $R_8=83$

$R_9=61$ $R_{10}=91$ $R_{11}=94$ $R_{12}=79$ $R_{13}=94$ $R_{14}=98$ $R_{15}=89$

Color Quality Scale: $Q_a=91.6$, $Q_f=93.2$, $Q_p=92.5$, $Q_g=94.0$

$Q_1=88$ $Q_2=95$ $Q_3=91$ $Q_4=88$ $Q_5=90$ $Q_6=92$ $Q_7=93$ $Q_8=95$

$Q_9=97$ $Q_{10}=95$ $Q_{11}=94$ $Q_{12}=94$ $Q_{13}=94$ $Q_{14}=88$ $Q_{15}=89$



Photometric Parameters

Luminous Flux: 720.57 lm
EEI: 0.11

Efficiency: 116.22 lm/W

Radiant Power: 2.486 W

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

Electric Parameters

Voltage: 24.00V
Power Factor: 0.0000

Current: 0.2600A
Frequency: 0.00Hz

Power: 6.20W

Test Information

Scan Range: 380~800:1nm
Stabilization Time: 0 ms
Max of Signal: 44546 (4962)

Photometric Method: sphere-spectroradiometer
Photometric Condition: Sphere diameter: 1.50m, 4 π
CCD Integration Time: 1362.73 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 15:37:33

Inspector: