

Lightsource Test Report

Product Information

Product Category: KL-A60-6W-4000

Product Number: 002080

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3879$ $y=0.3929$ $u(u')=0.2236$ $v=0.3397$ $v'=0.5096$

CCT: $T_c=3988K$ ($duv=0.00526$)

Color Ratio: $R=0.197$ $G=0.761$ $B=0.042$

Peak Wavelength: 453.9nm

Half Bandwidth: 26.3nm

Dominant Wavelength: 577.0nm

Color Purity: 0.344

CRI: $R_a=93.2$

TM30: $R_f=89$, $R_g=96$

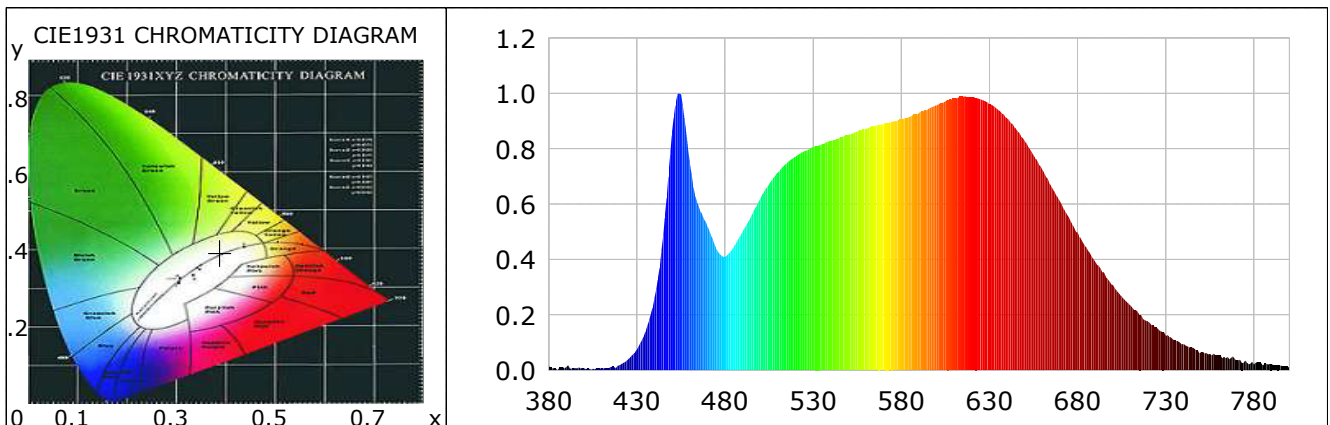
$R_1=93$ $R_2=96$ $R_3=98$ $R_4=92$ $R_5=92$ $R_6=94$ $R_7=94$ $R_8=86$

$R_9=66$ $R_{10}=89$ $R_{11}=93$ $R_{12}=70$ $R_{13}=94$ $R_{14}=99$ $R_{15}=89$

Color Quality Scale: $Q_a=92.9$, $Q_f=93.0$, $Q_p=92.3$, $Q_g=94.9$

$Q_1=89$ $Q_2=96$ $Q_3=92$ $Q_4=89$ $Q_5=91$ $Q_6=92$ $Q_7=94$ $Q_8=96$

$Q_9=96$ $Q_{10}=95$ $Q_{11}=96$ $Q_{12}=97$ $Q_{13}=97$ $Q_{14}=91$ $Q_{15}=91$



Photometric Parameters

Luminous Flux: 859.44 lm
EEI: 0.10

Efficiency: 138.62 lm/W

Radiant Power: 2.732 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: 43942 (4970)

Photometric Method: sphere-spectroradiometer
Photometric Condition: Sphere diameter: 1.50m, 4 π
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 15:48:47

Inspector: