

Lightsource Test Report

Product Information

Product Spec: KL-GU10-8W-2000

Product Number: 2000K

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.5331$ $y=0.4191$ $u(u')=0.3062$ $v=0.3612$ $v'=0.5417$

CCT: $T_c=1984K$ ($duv=0.00198$)

Color Ratio: $R=0.354$ $G=0.634$ $B=0.013$

Peak Wavelength: 646nm

Half Bandwidth: 114.6nm

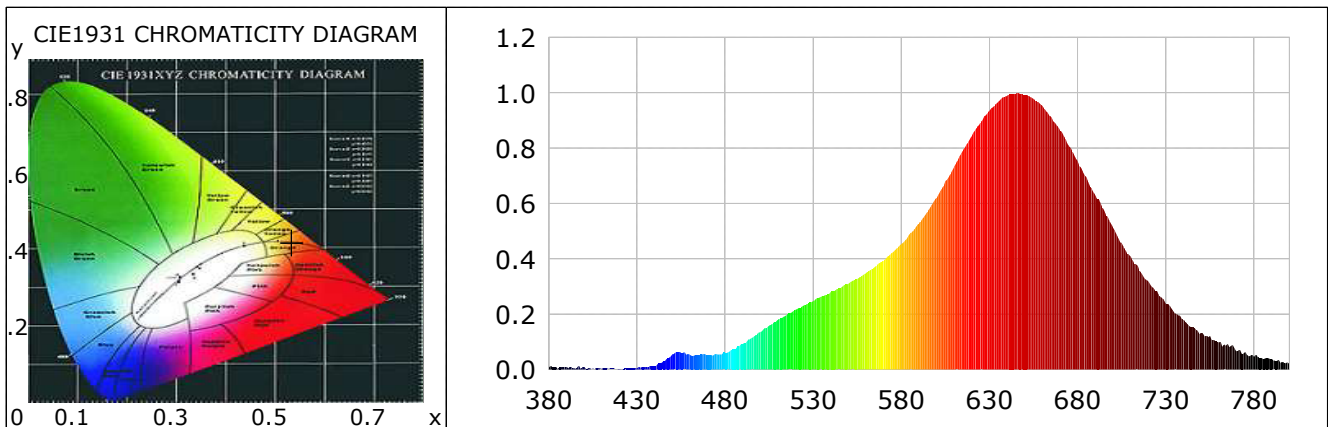
Dominant Wavelength: 588.5nm

Color Purity: 0.858

Color Render Index: $R_a=97.0$, $CRI=95.9$

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

$R9=86$ $R10=98$ $R11=91$ $R12=95$ $R13=99$ $R14=96$ $R15=96$



Photometric Parameters

Luminous Flux: 510.81 lm

Efficiency: 63.22 lm/W

Radiant Power: 2.552 W

Electric Parameters

Voltage: 24.00V

Current: 0.3366A

Power: 8.08W

Power Factor: 0.0000

Frequency: 0.00Hz

Test Information

Scan Range: 380nm~800nm:1nm Photometric Method: sphere-spectroradiometer

Stabilization Time: 0 ms

Photometric Condition: Sphere diameter: 2.00m, 4 π

Max of Signal: 43240 (6432)

CCD Integration Time: 2785.67 ms

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

Test Lab:

Operator:

Test Device: Inventfine CMS-2

Test Time: 2025-03-12 10:17:09

Inspector: