

Lightsource Test Report

Product Information

Product Type: KL-G125-6W-3000

Product Number: 3000K

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.4467$ $y=0.4121$ $u(u')=0.2534$ $v=0.3506$ $v'=0.5259$

CCT: $T_c=2905K$ ($duv=0.00187$)

Color Ratio: $R=0.251$ $G=0.718$ $B=0.030$

Peak Wavelength: 624nm

Half Bandwidth: 158.3nm

Dominant Wavelength: 582.6nm

Color Purity: 0.578

Color Render Index: $R_a=94.1$, $CRI=91.8$

$R1=95$ $R2=99$ $R3=99$ $R4=93$

$R5=94$

$R6=98$

$R7=91$

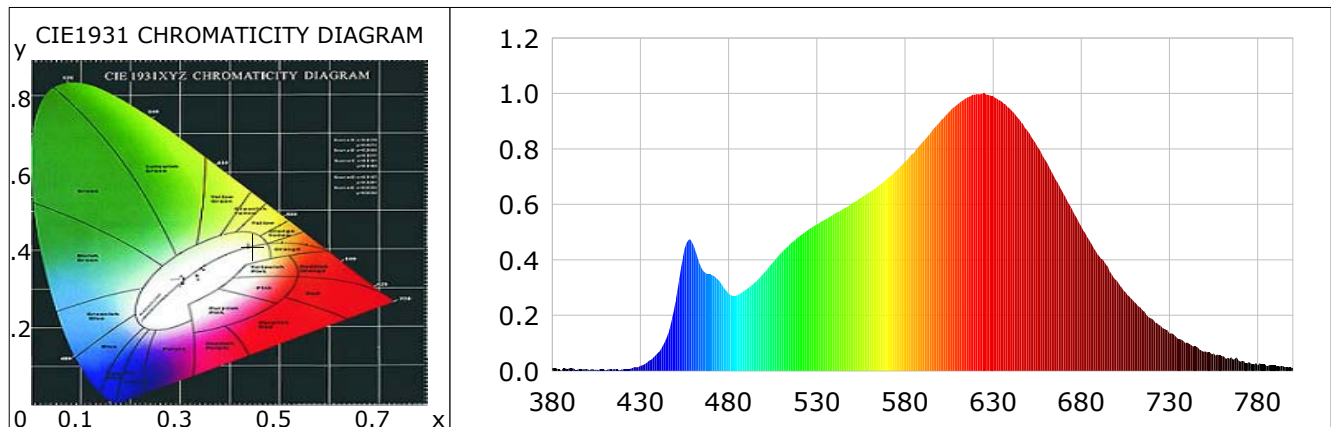
$R8=84$

$R9=66$ $R10=96$ $R11=95$ $R12=80$

$R13=97$

$R14=99$

$R15=91$



Photometric Parameters

Luminous Flux: 829.22 lm

Efficiency: 138.20 lm/W

Radiant Power: 2.887 W

Electric Parameters

Forward Voltage (VF): 24.00V Forward Current (IF): 257mA Power: 6.000W

Reverse Voltage (VR): 0.0V Reverse Current (IR): 0.0000uA

Test Information

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

Stabilization Time: 0 ms

Photometric Condition: Sphere diameter: 1.50m, 4 π

Max of Signal: 44587 (5377)

CCD Integration Time: 1294.12 ms

Condition: Tx:0.0'C, Ti:0.0'C, R.H.:60%
Test Lab:
Operator:

Test Device: Inventfine CMS-2
Test Time: 2026-05-21 14:49:34
Inspector: