

Lightsource Test Report

Product Information

Product Type: KL-G125S-6W-3000

Product Number: 3000K

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.4818$ $y=0.4205$ $u(u')=0.2721$ $v=0.3562$ $v'=0.5344$

CCT: $T_c=2492K$ ($duv=0.00213$)

Color Ratio: $R=0.282$ $G=0.696$ $B=0.022$

Peak Wavelength: 625nm

Half Bandwidth: 134.2nm

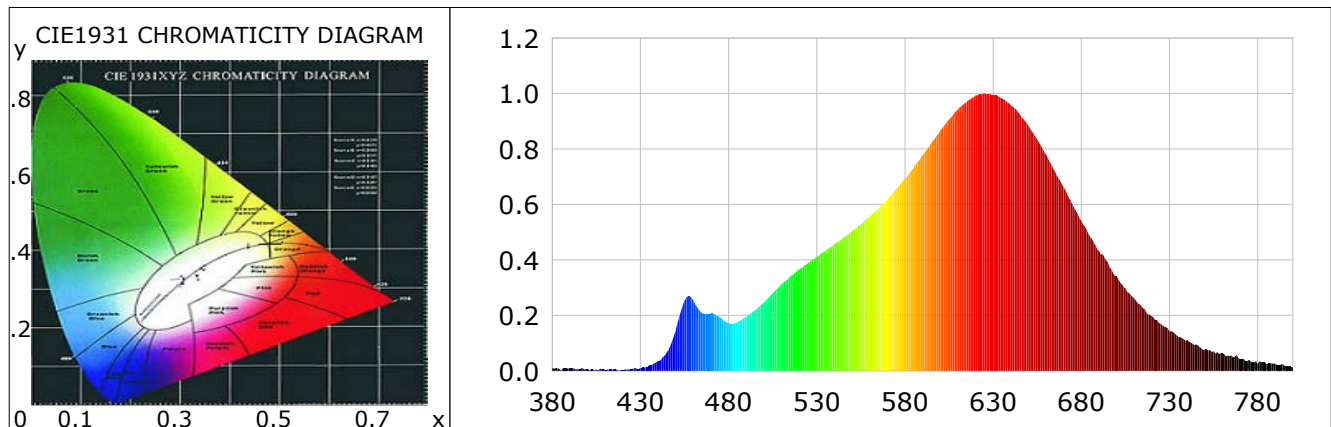
Dominant Wavelength: 584.7nm

Color Purity: 0.709

Color Render Index: $R_a=92.5$, $CRI=89.7$

$R1=93$ $R2=97$ $R3=99$ $R4=92$ $R5=92$ $R6=98$ $R7=90$ $R8=80$

$R9=57$ $R10=92$ $R11=93$ $R12=83$ $R13=94$ $R14=99$ $R15=87$



Photometric Parameters

Luminous Flux: 699.66 lm

Efficiency: 116.61 lm/W

Radiant Power: 2.512 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: 41291 (5455)

CCD Integration Time: 1303.82 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 14:47:06
Inspector: