

Lightsource Test Report

Product Information

Product Type: KL-G95-6W-3000

Product Number: 3000K

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.4476$ $y=0.4136$ $u(u')=0.2533$ $v=0.3511$ $v'=0.5267$

CCT: $T_c=2904K$ ($duv=0.00236$)

Color Ratio: $R=0.248$ $G=0.727$ $B=0.025$

Peak Wavelength: 623nm

Half Bandwidth: 162.2nm

Dominant Wavelength: 582.5nm

Color Purity: 0.585

Color Render Index: $R_a=92.7$, $CRI=89.5$

$R1=93$ $R2=95$ $R3=96$ $R4=94$

$R5=92$

$R6=94$

$R7=93$

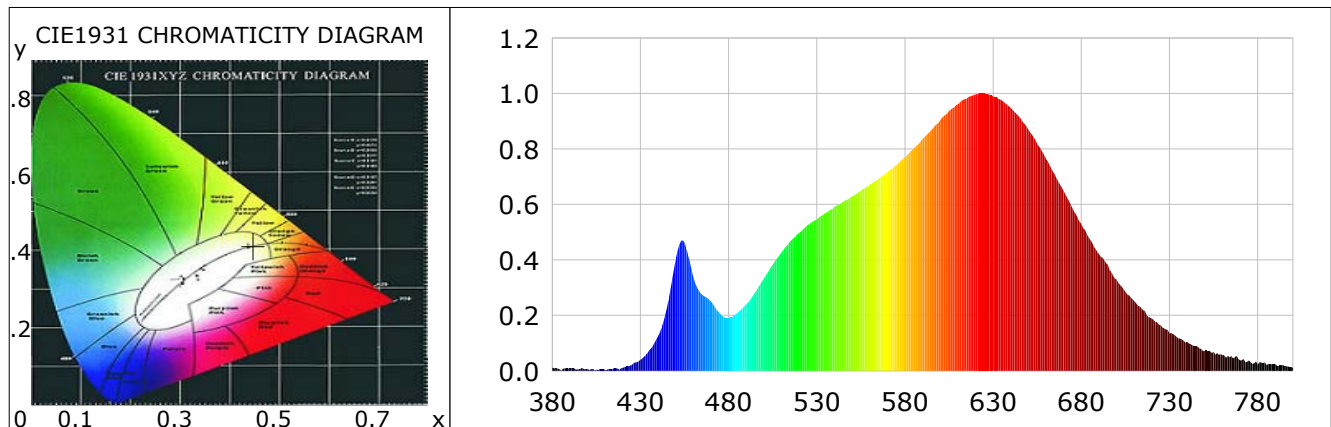
$R8=84$

$R9=62$ $R10=88$ $R11=94$ $R12=77$

$R13=93$

$R14=97$

$R15=89$



Photometric Parameters

Luminous Flux: 800.21 lm

Efficiency: 136.02 lm/W

Radiant Power: 2.759 W

Electric Parameters

Forward Voltage (VF): 24.00V Forward Current (IF): 245mA Power: 5.883W

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: 42887 (5457)

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 14:44:56
Inspector: