

Lightsource Test Report

Product Information

Product Type: KL-A60S-6W-3000

Product Number: 3000K

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.4786$ $y=0.4201$ $u(u')=0.2702$ $v=0.3558$ $v'=0.5337$

CCT: $T_c=2528K$ ($duv=0.00214$)

Color Ratio: $R=0.278$ $G=0.699$ $B=0.022$

Peak Wavelength: 626nm

Half Bandwidth: 135.8nm

Dominant Wavelength: 584.5nm

Color Purity: 0.698

Color Render Index: $R_a=92.6$, $CRI=89.8$

$R1=93$ $R2=97$ $R3=99$ $R4=92$

$R5=92$

$R6=98$

$R7=90$

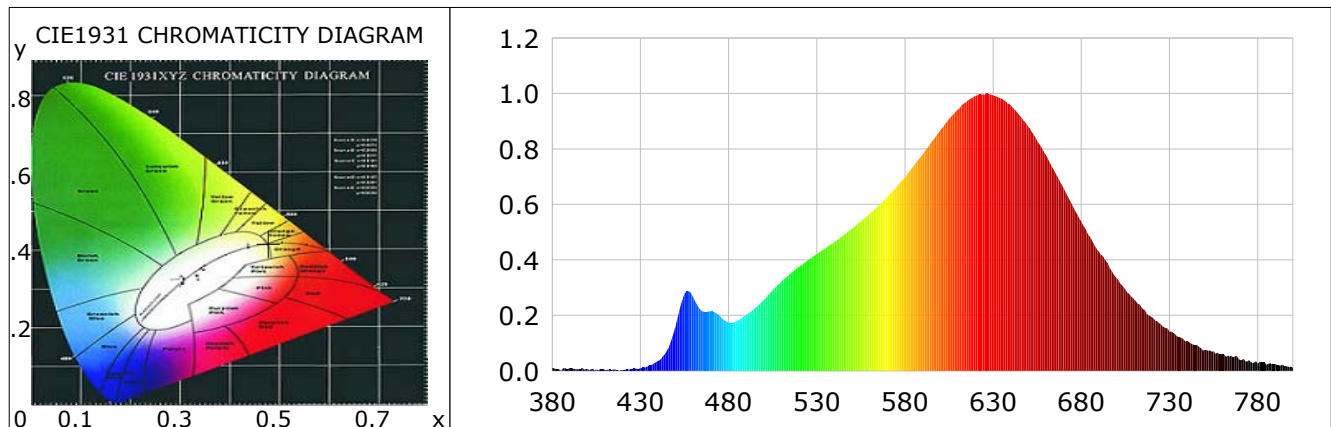
$R8=80$

$R9=58$ $R10=92$ $R11=93$ $R12=83$

$R13=94$

$R14=99$

$R15=87$



Photometric Parameters

Luminous Flux: 711.66 lm

Efficiency: 115.53 lm/W

Radiant Power: 2.542 W

Electric Parameters

Forward Voltage (VF): 24.00V Forward Current (IF): 257mA Power: 6.160W

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, 4π

Max of Signal: 44963 (5505)

CCD Integration Time: 1411.19 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 14:57:50
Inspector: