

Lightsource Test Report

Product Information

Product Type: KL-G80S-6W-3000

Product Number: 3000K

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.4806$ $y=0.4220$ $u(u')=0.2706$ $v=0.3565$ $v'=0.5347$

CCT: $T_c=2518K$ ($duv=0.00270$)

Color Ratio: $R=0.276$ $G=0.706$ $B=0.018$

Peak Wavelength: 628nm

Half Bandwidth: 139.7nm

Dominant Wavelength: 584.4nm

Color Purity: 0.709

Color Render Index: $R_a=90.8$, $CRI=87.2$

$R1=90$ $R2=94$ $R3=97$ $R4=91$

$R5=90$

$R6=94$

$R7=91$

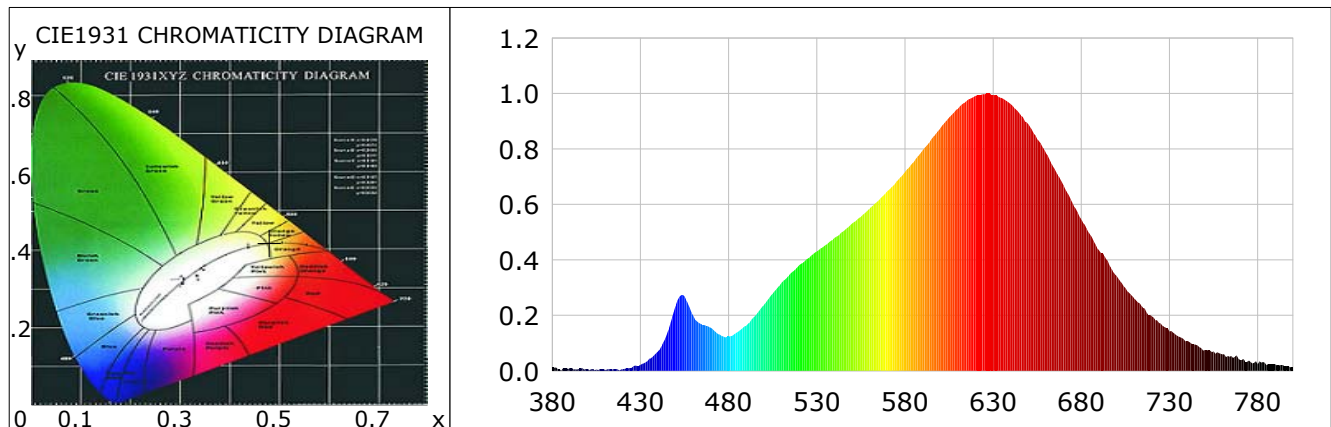
$R8=79$

$R9=53$ $R10=86$ $R11=92$ $R12=78$

$R13=91$

$R14=97$

$R15=86$



Photometric Parameters

Luminous Flux: 699.61 lm

Efficiency: 112.84 lm/W

Radiant Power: 2.478 W

Electric Parameters

Forward Voltage (VF): 24.00V Forward Current (IF): 261mA Power: 6.200W

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: 40345 (5453)

CCD Integration Time: 1294.12 ms