

Lightsource Test Report

Product Information

Product Type: KL-ST64S-6W-3000

Product Number: 3000K

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.4814$ $y=0.4211$ $u(u')=0.2716$ $v=0.3563$ $v'=0.5345$

CCT: $T_c=2502K$ ($duv=0.00236$)

Color Ratio: $R=0.280$ $G=0.698$ $B=0.022$

Peak Wavelength: 626nm

Half Bandwidth: 135.2nm

Dominant Wavelength: 584.6nm

Color Purity: 0.709

Color Render Index: $R_a=92.3$, $CRI=89.3$

$R1=92$ $R2=96$ $R3=100$ $R4=91$

$R5=92$

$R6=98$

$R7=90$

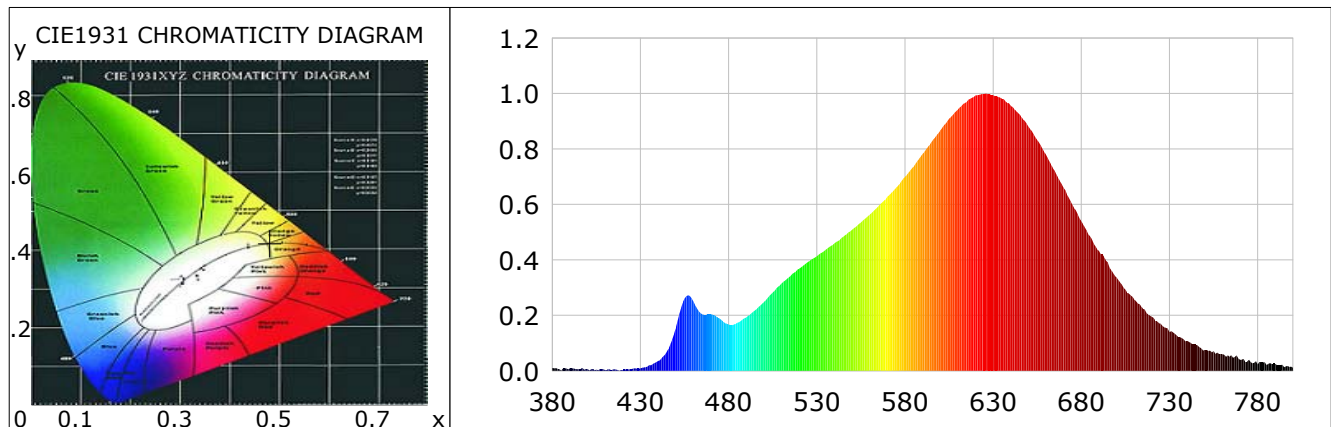
$R8=79$

$R9=56$ $R10=91$ $R11=93$ $R12=82$

$R13=93$

$R14=99$

$R15=87$



Photometric Parameters

Luminous Flux: 679.34 lm

Efficiency: 113.22 lm/W

Radiant Power: 2.428 W

Electric Parameters

Forward Voltage (VF): 24.00V Forward Current (IF): 250mA 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: 43229 (5507)

CCD Integration Time: 1411.19 ms