

Lightsource Test Report

Product Information

Product Type: KL-ST58-6W-3000

Product Number: 3000K

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.4493$ $y=0.4143$ $u(u')=0.2541$ $v=0.3515$ $v'=0.5272$

CCT: $T_c=2884K$ ($duv=0.00244$)

Color Ratio: $R=0.252$ $G=0.718$ $B=0.029$

Peak Wavelength: 625nm

Half Bandwidth: 158.4nm

Dominant Wavelength: 582.5nm

Color Purity: 0.593

Color Render Index: $R_a=94.4$, $CRI=91.9$

$R1=95$ $R2=98$ $R3=99$ $R4=93$

$R5=94$

$R6=98$

$R7=92$

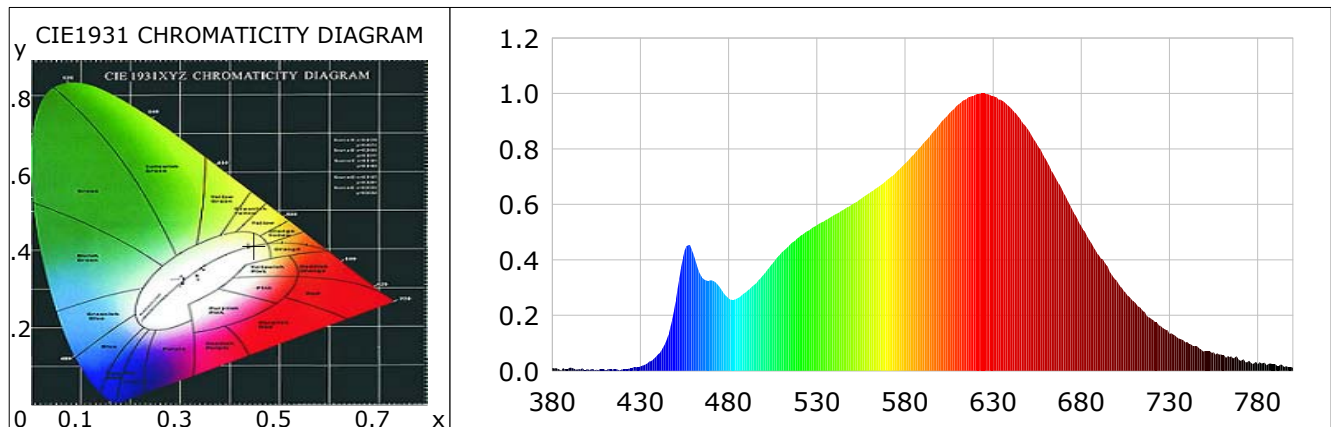
$R8=84$

$R9=67$ $R10=95$ $R11=95$ $R12=80$

$R13=96$

$R14=99$

$R15=91$



Photometric Parameters

Luminous Flux: 814.38 lm

Efficiency: 135.73 lm/W

Radiant Power: 2.836 W

Electric Parameters

Forward Voltage (VF): 24.00V Forward Current (IF): 253mA 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, 4π

Max of Signal: 43651 (5468)

CCD Integration Time: 1294.12 ms