

Lightsource Test Report

Product Information

Product Type: KL-S600-72W-WH

Product Number: 2000K

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.5208$ $y=0.4203$ $u(u')=0.2975$ $v=0.3602$ $v'=0.5402$

CCT: $T_c=2094K$ ($duv=0.00182$)

Color Ratio: $R=0.331$ $G=0.654$ $B=0.015$

Peak Wavelength: 628nm

Half Bandwidth: 115.8nm

Dominant Wavelength: 587.5nm

Color Purity: 0.825

Color Render Index: $R_a=92.2$, $CRI=90.3$

$R1=93$ $R2=97$ $R3=98$ $R4=93$

$R5=94$

$R6=98$

$R7=88$

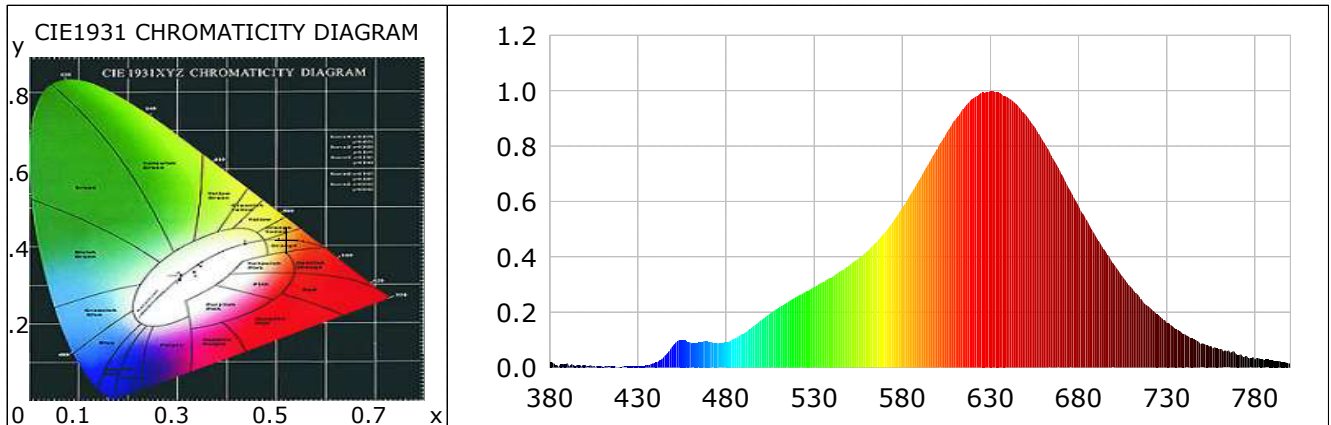
$R8=77$

$R9=58$ $R10=94$ $R11=97$ $R12=93$

$R13=94$

$R14=99$

$R15=86$



Photometric Parameters

Luminous Flux: 3001.64 lm

Efficiency: 83.02 lm/W

Radiant Power: 10.218 W

Electric Parameters

Voltage: 24.00V

Current: 1.5066A

Power: 36.16W

Power Factor: 0.0000

Frequency: 0.00Hz

Test Information

Scan Range: 380nm~800nm:1nm Photometric Method: sphere-spectroradiometer

Stabilization Time: 0 ms

Photometric Condition: Sphere diameter: 2.00m, 4 π

Max of Signal: 43069 (5427)

CCD Integration Time: 1340.17 ms

Condition: $T_x:0.0^{\circ}C$, $T_i:0.0^{\circ}C$, R.H.:60%

Test Lab:

Operator:

Test Device: Inventfine CMS-2

Test Time: 2025-08-15 14:26:14

Inspector:

Lightsource Test Report

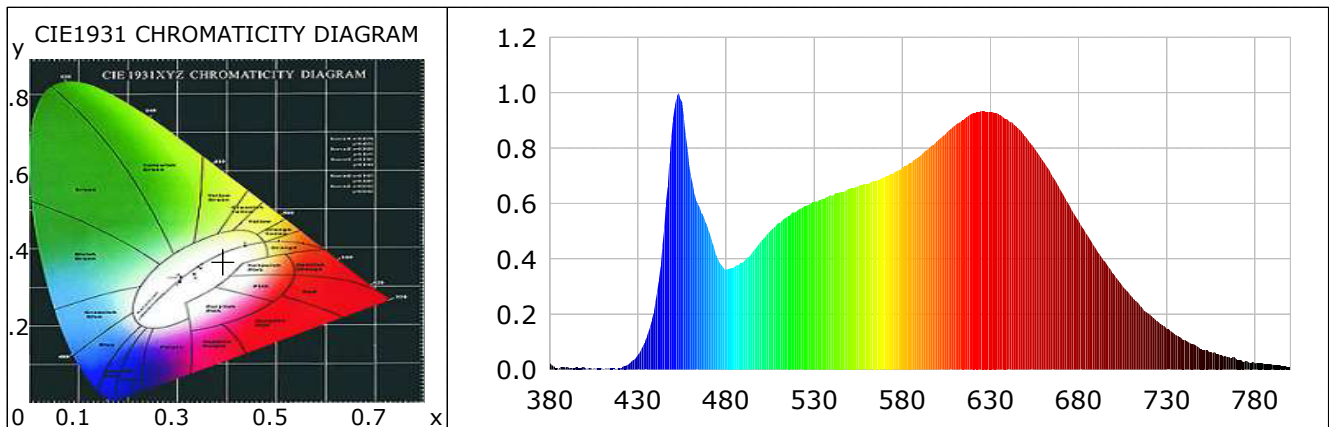
Product Information

Product Type: KL-S600-72W-WH

Product Number: 4000K

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3925$ $y=0.3687$ $u(u')=0.2365$ $v=0.3332$ $v'=0.4998$
CCT: $T_c=3766K$ ($duv=-0.00710$) Color Ratio: $R=0.226$ $G=0.730$ $B=0.044$
Peak Wavelength: 453nm Half Bandwidth: 25.6nm
Dominant Wavelength: 582.5nm Color Purity: 0.284
Color Render Index: $R_a=94.1$, $CRI=93.2$
 $R1=96$ $R2=96$ $R3=98$ $R4=99$ $R5=96$ $R6=93$ $R7=95$ $R8=97$
 $R9=93$ $R10=94$ $R11=96$ $R12=79$ $R13=95$ $R14=99$ $R15=96$



Photometric Parameters

Luminous Flux: 7223.05 lm

Efficiency: 98.77 lm/W

Radiant Power: 21.003 W

Electric Parameters

Voltage: 24.00V

Current: 3.0470A

Power: 73.13W

Power Factor: 0.0000

Frequency: 0.00Hz

Test Information

Scan Range: 380nm~800nm:1nm Photometric Method: sphere-spectroradiometer

Stabilization Time: 0 ms

Photometric Condition: Sphere diameter: 2.00m, 4 π

Max of Signal: 44735 (5167)

CCD Integration Time: 856.52 ms

Condition: $T_x:0.0^{\circ}C$, $T_i:0.0^{\circ}C$, R.H.:60%

Test Lab:

Operator:

Test Device: Inventfine CMS-2

Test Time: 2025-08-15 14:32:18

Inspector:

Lightsource Test Report

Product Information

Product Type: KL-S600-72W-WH

Product Number: 6000K

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3151$ $y=0.3382$ $u(u')=0.1961$ $v=0.3157$ $v'=0.4735$

CCT: $T_c=6154K$ ($duv=0.00667$)

Color Ratio: $R=0.147$ $G=0.788$ $B=0.065$

Peak Wavelength: 483nm

Half Bandwidth: 23.9nm

Dominant Wavelength: 498.2nm

Color Purity: 0.059

Color Render Index: $R_a=93.1$, $CRI=91.2$

$R1=94$ $R2=94$ $R3=89$ $R4=93$

$R5=90$

$R6=87$

$R7=97$

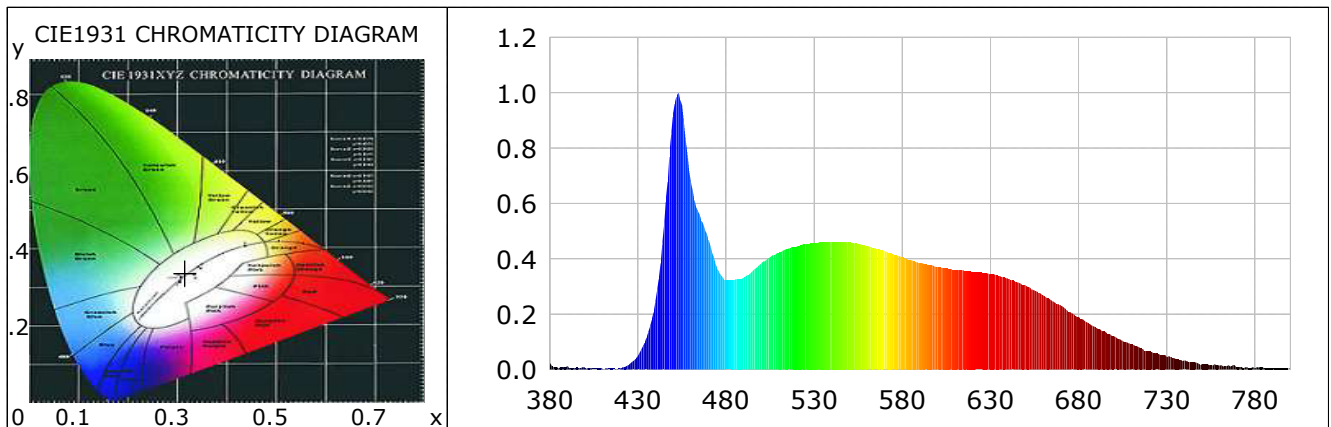
$R8=95$

$R9=89$ $R10=82$ $R11=96$ $R12=55$

$R13=95$

$R14=94$

$R15=93$



Photometric Parameters

Luminous Flux: 3767.42 lm

Efficiency: 102.32 lm/W

Radiant Power: 10.533 W

Electric Parameters

Voltage: 24.00V

Current: 1.5341A

Power: 36.82W

Power Factor: 0.0000

Frequency: 0.00Hz

Test Information

Scan Range: 380nm~800nm:1nm Photometric Method: sphere-spectroradiometer

Stabilization Time: 0 ms

Photometric Condition: Sphere diameter: 2.00m, 4 π

Max of Signal: 46342 (5182)

CCD Integration Time: 1043.87 ms

Condition: $T_x:0.0^{\circ}C$, $T_i:0.0^{\circ}C$, R.H.:60%

Test Lab:

Operator:

Test Device: Inventfine CMS-2

Test Time: 2025-08-15 14:45:19

Inspector: