

Lightsource Test Report

Product Information

Product Type: KL-T1001AJ-C2-10W

Product Spec: 2000K

Product Number:

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.5204$ $y=0.4156$ $u(u')=0.2997$ $v=0.3590$ $v'=0.5385$

CCT: $T_c=2068K$ ($duv=0.00044$)

Color Ratio: R=0.338 G=0.646 B=0.016

Peak Wavelength: 634nm

Half Bandwidth: 112.7nm

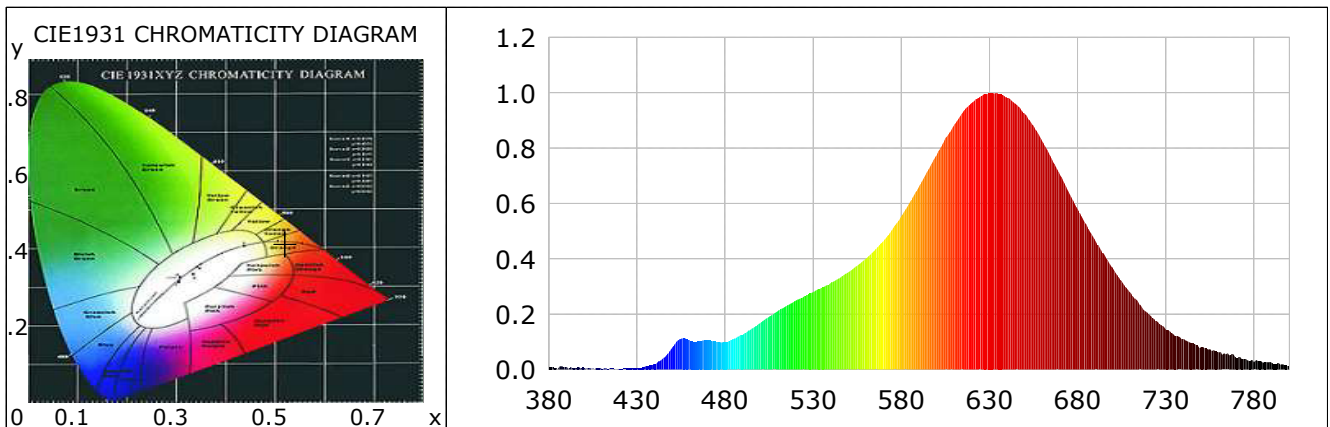
Dominant Wavelength: 588.2nm

Color Purity: 0.810

Color Render Index: Ra= 92.8, CRI= 91.4

R1 =94 R2 =99 R3 =97 R4 =95 R5 =96 R6 =95 R7 =88 R8 =78

R9 =58 R10=98 R11=99 R12=91 R13=96 R14=99 R15=88



Photometric Parameters

Luminous Flux: 409.65 lm

Efficiency: 81.93 lm/W

Radiant Power: 1.611 W

Electric Parameters

Voltage: 24.00V

Current: 0.2083A

Power: 5.00W

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: 44407 (5297)

CCD Integration Time: 1758.45 ms

Condition: Tx:0.0'C, Ti:0.0'C, R.H.:60%

Test Lab:

Operator:

Test Device: Inventfine CMS-2

Test Time: 2025-01-17 15:48:40

Inspector:

Lightsource Test Report

Product Information

Product Type: KL-T1001AJ-C2-10W

Product Spec: 4000K

Product Number:

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3988$ $y=0.3666$ $u(u')=0.2416$ $v=0.3332$ $v'=0.4998$

CCT: $T_c=4039K$ ($duv=-0.00954$)

Color Ratio: $R=0.238$ $G=0.717$ $B=0.045$

Peak Wavelength: 630nm

Half Bandwidth: 179.7nm

Dominant Wavelength: 586.5nm

Color Purity: 0.297

Color Render Index: $R_a=94.1$, $CRI=92.7$

$R_1=93$

$R_2=93$

$R_3=96$

$R_4=97$

$R_5=93$

$R_6=89$

$R_7=94$

$R_8=97$

$R_9=93$

$R_{10}=88$

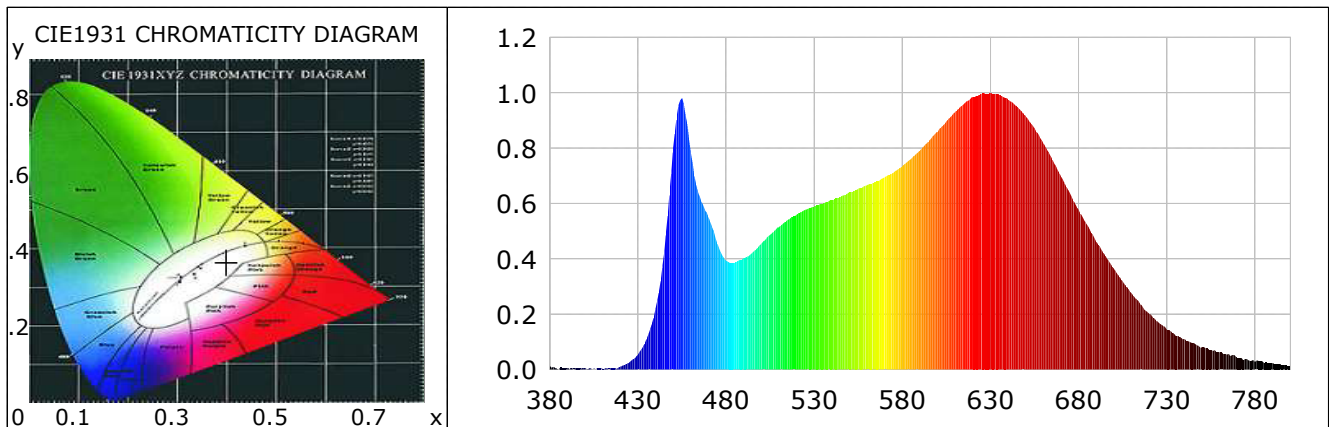
$R_{11}=94$

$R_{12}=78$

$R_{13}=92$

$R_{14}=99$

$R_{15}=93$



Photometric Parameters

Luminous Flux: 902.35 lm

Efficiency: 88.99 lm/W

Radiant Power: 3.760 W

Electric Parameters

Voltage: 24.00V

Current: 0.4225A

Power: 10.14W

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: 49990 (4926)

CCD Integration Time: 1211.54 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: 2025-01-17 15:50:31

Inspector:

Lightsource Test Report

Product Information

Product Type: KL-T1001AJ-C2-10W

Product Spec: 6000K

Product Number:

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3242$ $y=0.3370$ $u(u')=0.2027$ $v=0.3161$ $v'=0.4742$

CCT: $T_c=6184K$ ($duv=0.00171$)

Color Ratio: $R=0.162$ $G=0.773$ $B=0.066$

Peak Wavelength: 455nm

Half Bandwidth: 25.3nm

Dominant Wavelength: 496.9nm

Color Purity: 0.029

Color Render Index: $R_a=93.2$, $CRI=91.2$

$R1=94$

$R2=98$

$R3=91$

$R4=92$

$R5=92$

$R6=91$

$R7=95$

$R8=93$

$R9=91$

$R10=91$

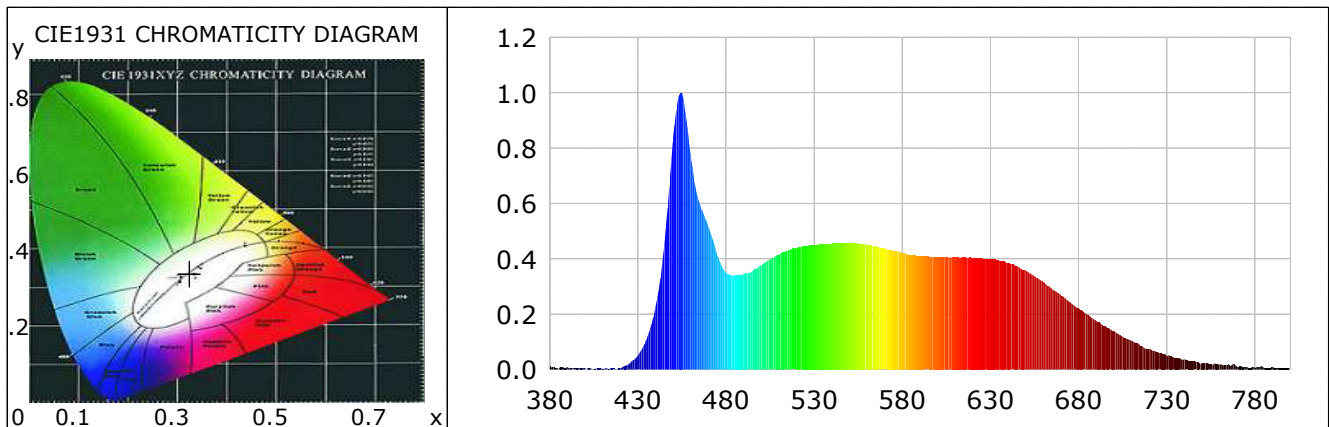
$R11=95$

$R12=60$

$R13=98$

$R14=94$

$R15=93$



Photometric Parameters

Luminous Flux: 472.13 lm

Efficiency: 90.97 lm/W

Radiant Power: 2.027 W

Electric Parameters

Voltage: 24.00V

Current: 0.2162A

Power: 5.19W

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: 45499 (4838)

CCD Integration Time: 1211.54 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: 2025-01-17 15:49:40

Inspector: