

Lightsource Test Report

Product Information

Product Type: KL-T1001AJ-300-12W

Product Spec: 2000K

Product Number:

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.5279$ $y=0.4177$ $u(u')=0.3035$ $v=0.3603$ $v'=0.5404$

CCT: $T_c=2118K$ ($duv=0.00132$)

Color Ratio: R=0.344 G=0.642 B=0.014

Peak Wavelength: 630nm

Half Bandwidth: 111.5nm

Dominant Wavelength: 588.3nm

Color Purity: 0.839

Color Render Index: Ra= 91.9, CRI= 90.2

R1 =93

R2 =98

R3 =97

R4 =93

R5 =94

R6 =96

R7 =87

R8 =76

R9 =53

R10=95

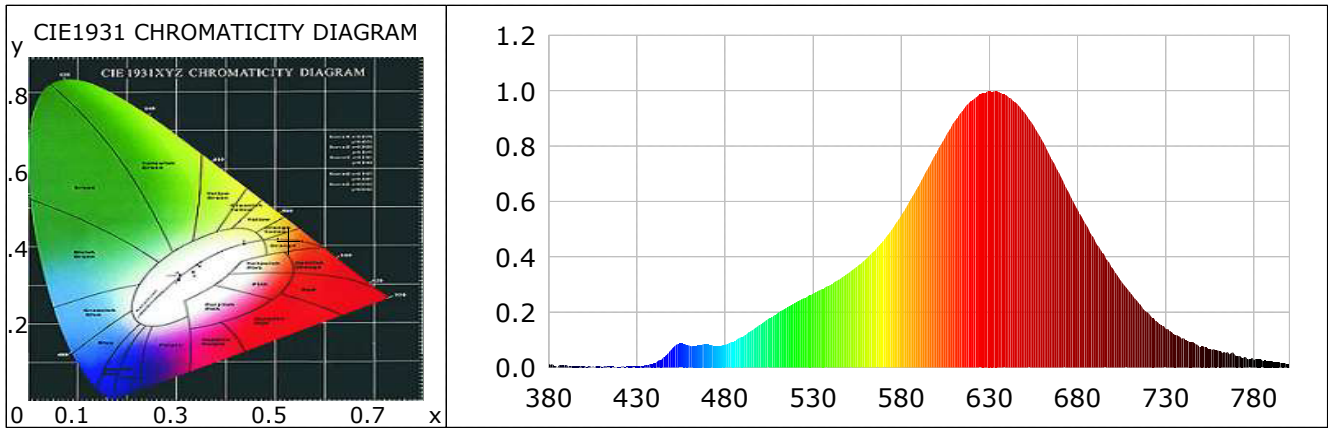
R11=97

R12=93

R13=94

R14=99

R15=86



Photometric Parameters

Luminous Flux: 514.40 lm

Efficiency: 82.75 lm/W

Radiant Power: 2.031 W

Electric Parameters

Voltage: 24.00V

Current: 0.2590A

Power: 6.22W

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: 42915 (4973)

CCD Integration Time: 1406.45 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 10:55:19

Inspector:

Lightsource Test Report

Product Information

Product Type: KL-T1001AJ-300-12W

Product Spec: 4000K

Product Number:

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.4048$ $y=0.3730$ $u(u')=0.2429$ $v=0.3357$ $v'=0.5036$

CCT: $T_c=3716K$ ($duv=-0.00785$)

Color Ratio: R=0.239 G=0.721 B=0.040

Peak Wavelength: 630nm

Half Bandwidth: 178.2nm

Dominant Wavelength: 585.4nm

Color Purity: 0.334

Color Render Index: Ra= 95.9, CRI= 94.9

R1 =96

R2 =96

R3 =98

R4 =97

R5 =96

R6 =92

R7 =95

R8 =97

R9 =97

R10=93

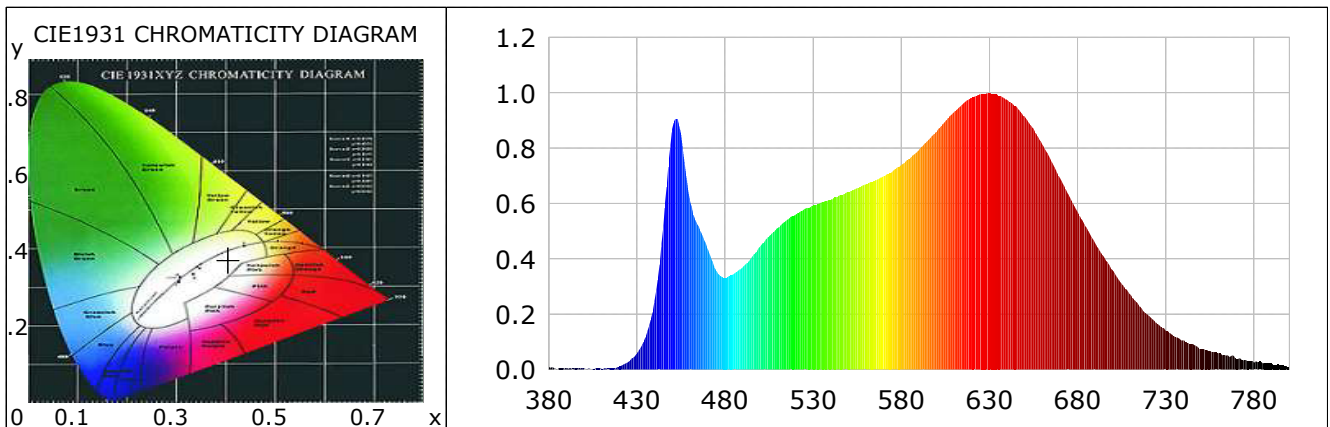
R11=94

R12=82

R13=95

R14=99

R15=96



Photometric Parameters

Luminous Flux: 1166.68 lm

Efficiency: 96.10 lm/W

Radiant Power: 4.335 W

Electric Parameters

Voltage: 24.00V

Current: 0.5060A

Power: 12.14W

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: 49902 (4827)

CCD Integration Time: 1029.80 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 10:53:24

Inspector:

Lightsource Test Report

Product Information

Product Type: KL-T1001AJ-300-12W

Product Spec: 6000K

Product Number:

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3287$ $y=0.3449$ $u(u')=0.2028$ $v=0.3193$ $v'=0.4789$

CCT: $T_c=6088K$ ($duv=0.00352$)

Color Ratio: R=0.160 G=0.780 B=0.060

Peak Wavelength: 452nm

Half Bandwidth: 23.9nm

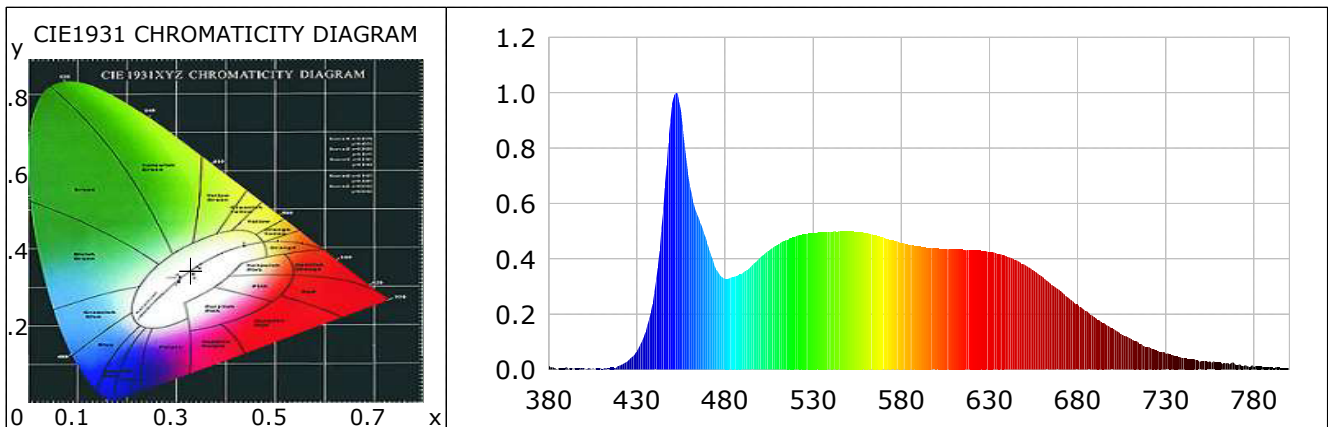
Dominant Wavelength: 528.6nm

Color Purity: 0.024

Color Render Index: Ra= 93.6, CRI= 91.2

R1 =95 R2 =94 R3 =88 R4 =96 R5 =93 R6 =88 R7 =97 R8 =97

R9 =94 R10=83 R11=98 R12=59 R13=96 R14=93 R15=96



Photometric Parameters

Luminous Flux: 671.02 lm

Efficiency: 107.54 lm/W

Radiant Power: 2.370 W

Electric Parameters

Voltage: 24.00V

Current: 0.2600A

Power: 6.24W

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: 49064 (4894)

CCD Integration Time: 1195.48 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 10:56:10

Inspector: