

Lightsource Test Report

Product Information

Product Type: KL-CL-L910-30W-WH

Product Number: 2000K

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.5179$ $y=0.4185$ $u(u')=0.2965$ $v=0.3602$ $v'=0.5391$

CCT: $T_c=2108K$ ($duv=0.00124$)

Color Ratio: $R=0.341$ $G=0.646$ $B=0.013$

Peak Wavelength: 640.5nm

Half Bandwidth: 113.8nm

Dominant Wavelength: 587.9nm

Color Purity: 0.825

Color Render Index: $R_a=94.7$, $CRI=93.8$

$R1=95$ $R2=98$ $R3=99$ $R4=96$

$R5=95$

$R6=98$

$R7=92$

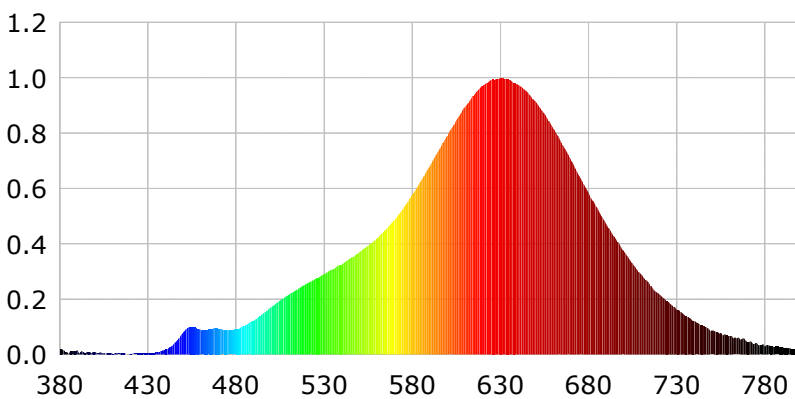
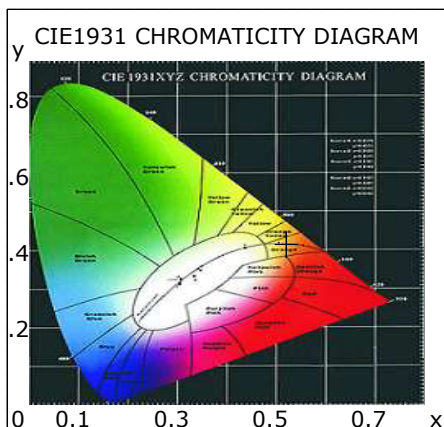
$R8=83$

$R9=67$ $R10=95$ $R11=99$ $R12=95$

$R13=96$

$R14=99$

$R15=89$



Photometric Parameters

Luminous Flux: 1092.04 lm

Efficiency: 72.90 lm/W

Radiant Power: 4.541 W

Electric Parameters

Voltage: 24.00V

Current: 0.6241A

Power: 14.98W

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: 2025-11-05 09:13:28

Inspector:

Lightsource Test Report

Product Information

Product Type: KL-CL-L910-30W-WH

Product Number: 4000K

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3842$ $y=0.3636$ $u(u')=0.2330$ $v=0.3332$ $v'=0.4962$

CCT: $T_c=3792K$ ($duv=-0.00733$)

Color Ratio: $R=0.226$ $G=0.730$ $B=0.044$

Peak Wavelength: 450.5nm

Half Bandwidth: 25.6nm

Dominant Wavelength: 584.5nm

Color Purity: 0.284

Color Render Index: $R_a=93.9$, $CRI=93.0$

$R1=92$

$R2=97$

$R3=94$

$R4=90$

$R5=93$

$R6=94$

$R7=97$

$R8=95$

$R9=89$

$R10=96$

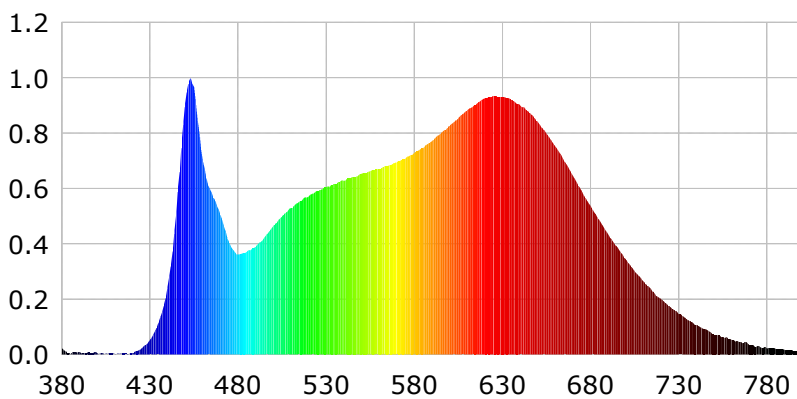
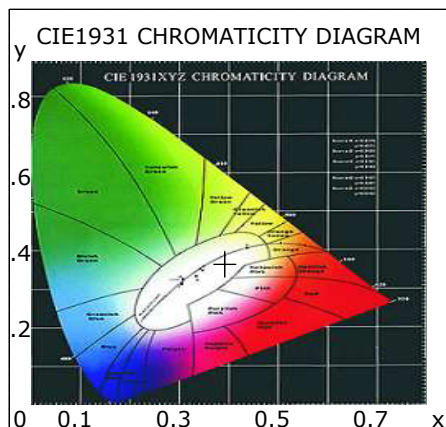
$R11=83$

$R12=84$

$R13=92$

$R14=95$

$R15=92$



Photometric Parameters

Luminous Flux: 2767.83 lm

Efficiency: 91.65 lm/W

Radiant Power: 10.162 W

Electric Parameters

Voltage: 24.00V

Current: 1.2508A

Power: 30.02W

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: 2025-11-05 09:15:42

Inspector:

Lightsource Test Report

Product Information

Product Type: KL-CL-L910-30W-WH

Product Number: 6000K

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3120$ $y=0.3325$ $u(u')=0.1960$ $v=0.3157$ $v'=0.4701$

CCT: $T_c=6399K$ ($duv=0.00512$)

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

Peak Wavelength: 450.5nm

Half Bandwidth: 23.9nm

Dominant Wavelength: 495.2nm

Color Purity: 0.059

Color Render Index: $R_a=92.5$, $CRI=90.3$

$R1=98$ $R2=94$ $R3=88$ $R4=93$

$R5=97$

$R6=92$

$R7=96$

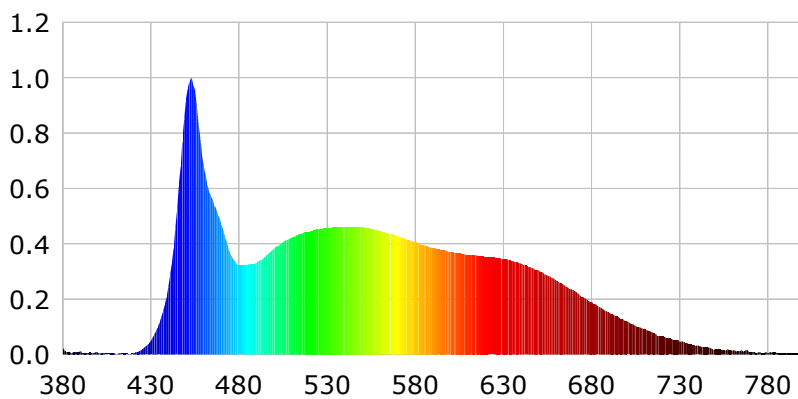
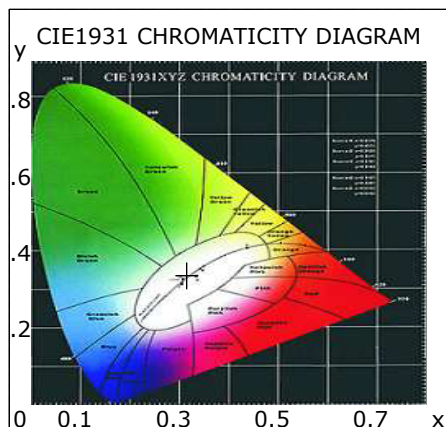
$R8=95$

$R9=84$ $R10=86$ $R11=88$ $R12=66$

$R13=98$

$R14=93$

$R15=97$



Photometric Parameters

Luminous Flux: 1607.27 lm

Efficiency: 107.08 lm/W

Radiant Power: 5.485 W

Electric Parameters

Voltage: 24.00V

Current: 0.6254A

Power: 15.01W

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: 2025-11-05 09:18:11

Inspector: