

Lightsource Test Report

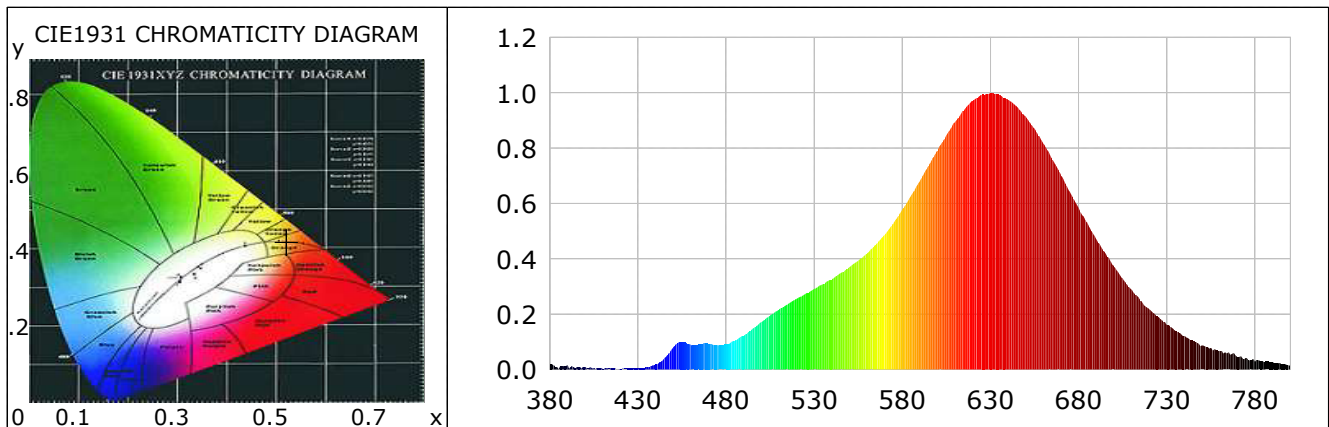
Product Information

Product Type: KL-CL-L1200-UAD-120W-BK

Product Number: 2000K

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.5171$ $y=0.4201$ $u(u')=0.2951$ $v=0.3602$ $v'=0.5396$
 CCT: $T_c=2126K$ ($duv=0.00201$) Color Ratio: $R=0.331$ $G=0.654$ $B=0.015$
 Peak Wavelength: 633nm Half Bandwidth: 115.8nm
 Dominant Wavelength: 587.3nm Color Purity: 0.825
 Color Render Index: $R_a=92.1$, $CRI=91.3$
 $R1=91$ $R2=96$ $R3=99$ $R4=92$ $R5=92$ $R6=98$ $R7=90$ $R8=78$
 $R9=54$ $R10=54$ $R11=91$ $R12=95$ $R13=92$ $R14=92$ $R15=86$



Photometric Parameters

Luminous Flux: 3944.36 lm

Efficiency: 65.63 lm/W

Radiant Power: 10.785 W

Electric Parameters

Voltage: 24.00V

Current: 2.5004A

Power: 60.01W

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, 4π
 Max of Signal: 43069 (5427) CCD Integration Time: 1340.17 ms

Lightsource Test Report

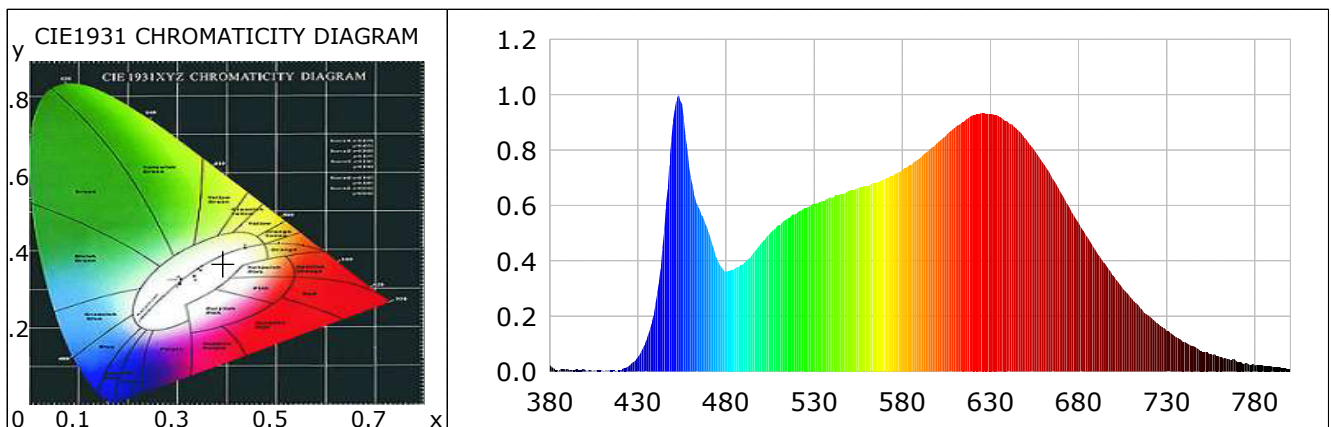
Product Information

Product Type: KL-CL-L1200-UAD-120W-BK

Product Number: 4000K

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3929$ $y=0.3681$ $u(u')=0.2370$ $v=0.3332$ $v'=0.4996$
 CCT: $T_c=3600K$ ($duv=-0.00692$) Color Ratio: $R=0.226$ $G=0.730$ $B=0.044$
 Peak Wavelength: 453nm Half Bandwidth: 25.6nm
 Dominant Wavelength: 584.5nm Color Purity: 0.284
 Color Render Index: $R_a=95.3$, $CRI=94.1$
 $R1=95$ $R2=97$ $R3=94$ $R4=92$ $R5=96$ $R6=93$ $R7=95$ $R8=98$
 $R9=96$ $R10=97$ $R11=87$ $R12=84$ $R13=95$ $R14=99$ $R15=96$



Photometric Parameters

Luminous Flux: 9491.59 lm

Efficiency: 79.09 lm/W

Radiant Power: 20.684 W

Electric Parameters

Voltage: 24.00V

Current: 5.0004A

Power: 120.01W

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, 4π

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: 2026-04-28 11:12:49

Inspector:

Lightsource Test Report

Product Information

Product Type: KL-CL-L1200-UAD-120W-BK

Product Number: 6000K

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3182$ $y=0.3382$ $u(u')=0.1961$ $v=0.3157$ $v'=0.4735$

CCT: $T_c=6168K$ ($duv=0.00654$)

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

Peak Wavelength: 453nm

Half Bandwidth: 23.9nm

Dominant Wavelength: 495.2nm

Color Purity: 0.059

Color Render Index: $R_a=93.0$, $CRI=92.3$

R1 =97

R2 =93

R3 =88

R4 =93

R5 =95

R6 =91

R7 =97

R8 =95

R9 =73

R10=82

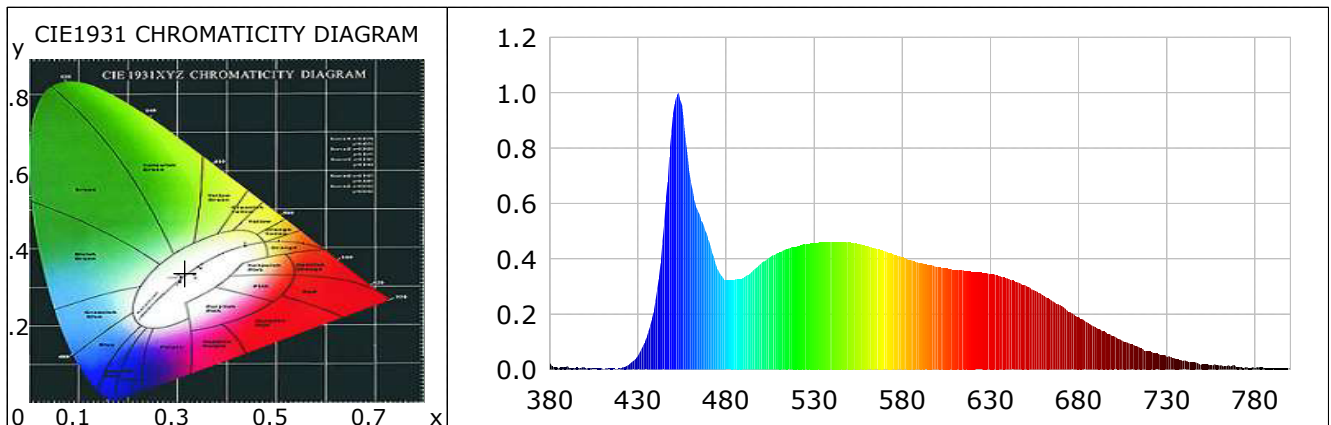
R11=88

R12=68

R13=96

R14=93

R15=93



Photometric Parameters

Luminous Flux: 5109.79 lm

Efficiency: 85.22 lm/W

Radiant Power: 9.969 W

Electric Parameters

Voltage: 24.00V

Current: 2.4983A

Power: 59.96W

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, 4π

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: 2026-04-28 11:13:48

Inspector: