

Lightsource Test Report

Product Information

Product Type: KL-CL-D135-30W-WH

Product Number: 2000K

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.5175$ $y=0.4213$ $u(u')=0.2948$ $v=0.3601$ $v'=0.5402$

CCT: $T_c=2130K$ ($duv=0.00206$)

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

Peak Wavelength: 631nm

Half Bandwidth: 115.8nm

Dominant Wavelength: 587.6nm

Color Purity: 0.825

Color Render Index: $R_a=93.6$, $CRI=92.9$

$R1=93$

$R2=96$

$R3=98$

$R4=93$

$R5=93$

$R6=98$

$R7=90$

$R8=79$

$R9=59$

$R10=92$

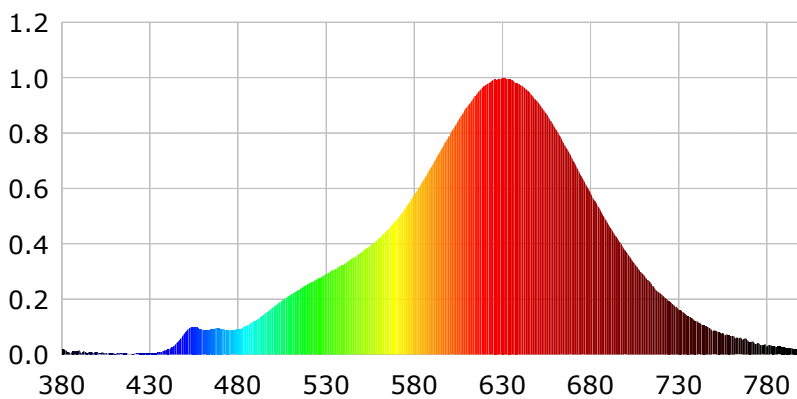
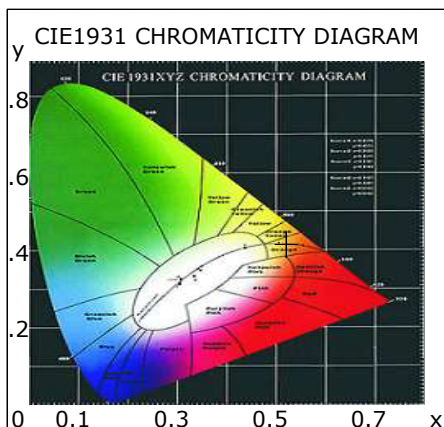
$R11=97$

$R12=93$

$R13=94$

$R14=99$

$R15=87$



Photometric Parameters

Luminous Flux: 1093.47 lm

Efficiency: 72.85 lm/W

Radiant Power: 3.117 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: 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: 2025-12-29 11:09:54

Inspector:

Lightsource Test Report

Product Information

Product Type: KL-CL-D135-30W-WH

Product Number: 4000K

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3927$ $y=0.3657$ $u(u')=0.2294$ $v=0.3265$ $v'=0.4998$

CCT: $T_c=4046K$ ($duv=-0.00898$)

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: $R_a=94.9$, $CRI=90.3$

$R1=97$

$R2=96$

$R3=93$

$R4=94$

$R5=96$

$R6=93$

$R7=95$

$R8=91$

$R9=89$

$R10=92$

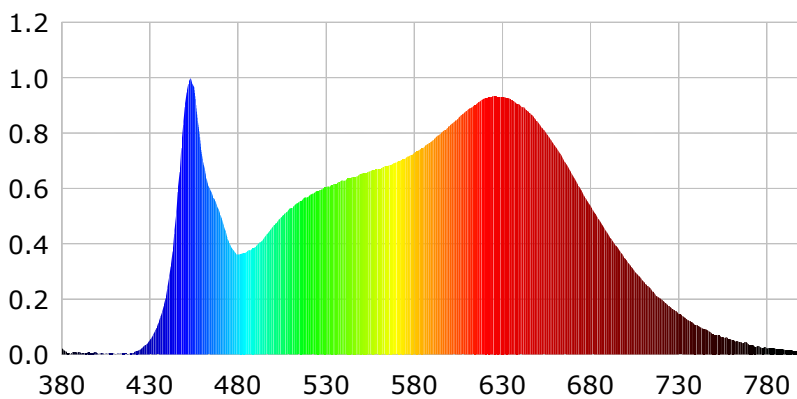
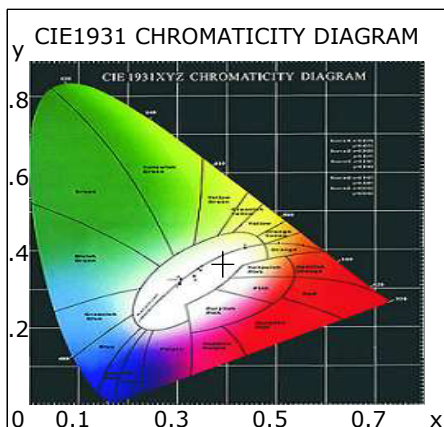
$R11=93$

$R12=77$

$R13=95$

$R14=99$

$R15=97$



Photometric Parameters

Luminous Flux: 2722.19 lm

Efficiency: 90.77 lm/W

Radiant Power: 9.669 W

Electric Parameters

Voltage: 24.00V

Current: 1.2495A

Power: 29.99W

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: 2025-12-29 11:11:08

Inspector:

Lightsource Test Report

Product Information

Product Type: KL-CL-D135-30W-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: $T_c=6168K$ ($duv=0.00363$)

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

Peak Wavelength: 450nm

Half Bandwidth: 23.9nm

Dominant Wavelength: 495.2nm

Color Purity: 0.059

Color Render Index: $R_a=94.5$, $CRI=90.3$

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

$R5=90$

$R6=87$

$R7=96$

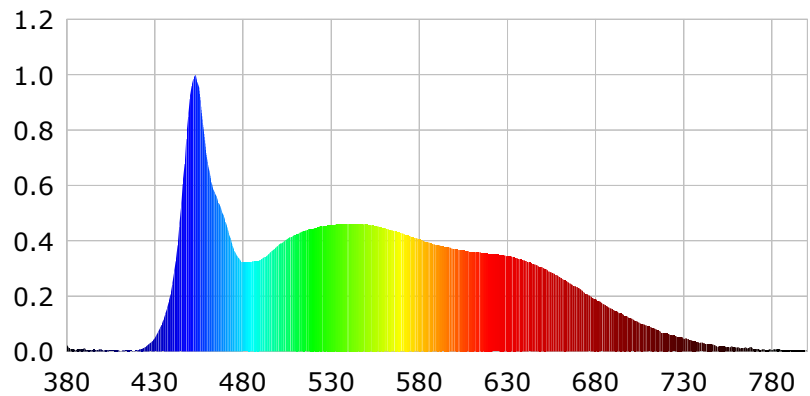
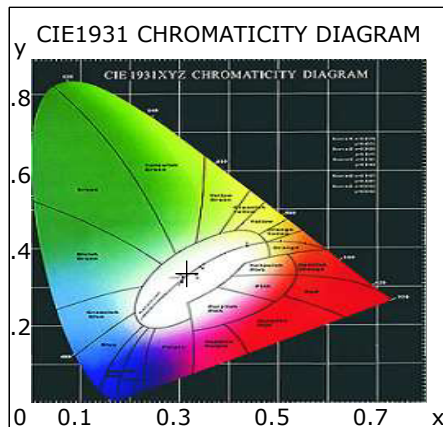
$R8=95$

$R9=86$ $R10=88$ $R11=96$ $R12=57$

$R13=95$

$R14=94$

$R15=93$



Photometric Parameters

Luminous Flux: 1513.12 lm

Efficiency: 101.01 lm/W

Radiant Power: 6.221 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: 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: 2025-12-29 11:07:50

Inspector: