

Lightsource Test Report

Product Information

Product Type: KL-D86-8W-3000K-WH

Product Number: 3000K

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.4434$ $y=0.4032$ $u(u')=0.2551$ $v=0.3480$ $v'=0.5220$

CCT: $T_c=2937K$ ($duv=-0.00117$)

Color Ratio: $R=0.253$ $G=0.717$ $B=0.030$

Peak Wavelength: 631.2nm

Half Bandwidth: 161.3nm

Dominant Wavelength: 583.7nm

Color Purity: 0.541

Color Render Index: $R_a=97.7$, $CRI=95.3$

$R1=98$

$R2=99$

$R3=98$

$R4=99$

$R5=99$

$R6=96$

$R7=95$

$R8=96$

$R9=88$

$R10=99$

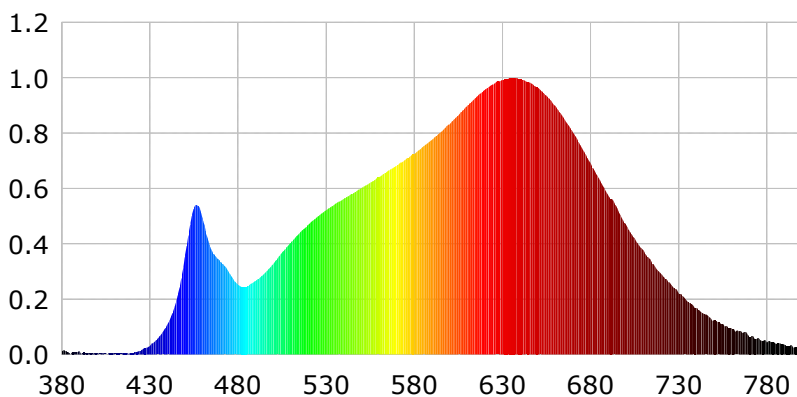
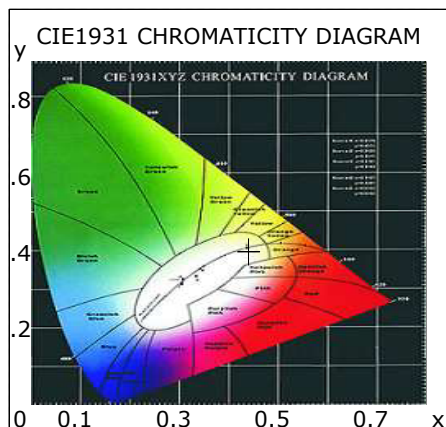
$R11=96$

$R12=87$

$R13=99$

$R14=98$

$R15=94$



Photometric Parameters

Luminous Flux: 727.81 lm

Efficiency: 90.75 lm/W

Radiant Power: 2.596 W

Electric Parameters

Voltage: 24.00V

Current: 0.3341A

Power: 8.02W

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: 44272 (5350)

CCD Integration Time: 1693.18 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: 2026-06-23 14:02:21

Inspector: