

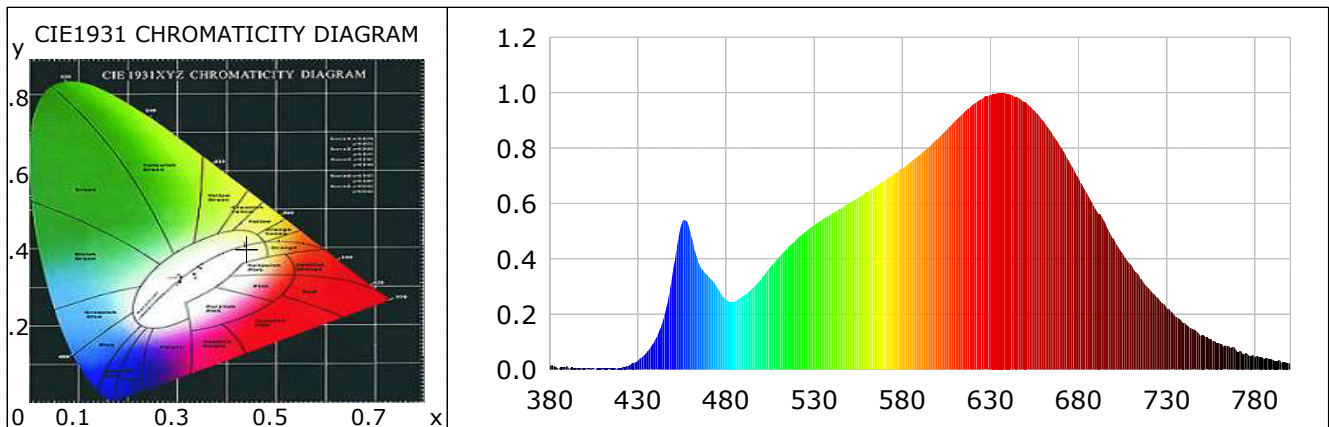
# Lightsource Test Report

## Product Information

Product Type: KL-GU10-120D-8W-3000      Product Spec: 3000K  
Product Number:

## CIE Colorimetric Parameters

Chromaticity coordinates:  $x=0.4405$   $y=0.4015$      $u(u')=0.2540$   $v=0.3473$   $v'=0.5209$   
CCT:  $T_c=3020K$  ( $duv=-0.00156$ )      Color Ratio:  $R=0.253$   $G=0.717$   $B=0.030$   
Peak Wavelength: 638nm      Half Bandwidth: 171.7nm  
Dominant Wavelength: 583.7nm      Color Purity: 0.527  
Color Render Index:  $R_a=92.8$ ,  $CRI=91.4$   
 $R1=97$     $R2=96$     $R3=98$     $R4=97$     $R5=97$     $R6=97$     $R7=95$     $R8=93$   
 $R9=86$     $R10=97$     $R11=97$     $R12=81$     $R13=99$     $R14=98$     $R15=97$



## Photometric Parameters

Luminous Flux: 853.48 lm      Efficiency: 106.42 lm/W      Radiant Power: 2.328 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, 4π  
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: 2025-01-09 10:52:28  
Inspector: