

Lightsource Test Report

Product Information

Product Category: 8W 2700K
Product Number: 26

Product Spec: 2421K

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.4700$ $y=0.4220$ $u(u')=0.2639$ $v=0.3554$ $v'=0.5331$

CCT: $T_c=2649K$ ($duv=0.00331$)

Color Ratio: $R=0.271$ $G=0.705$ $B=0.024$

Peak Wavelength: 633nm

Half Bandwidth: 154.7nm

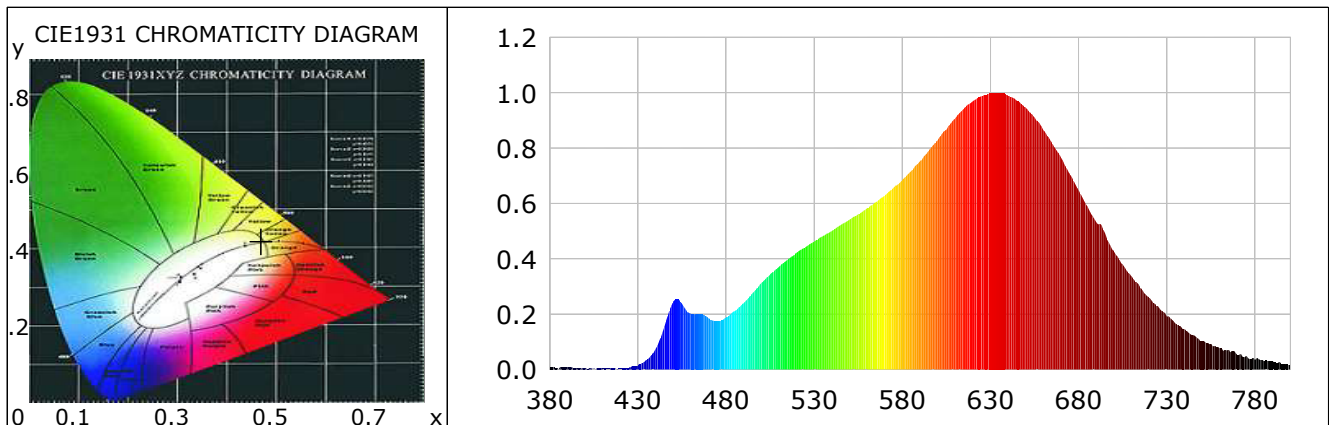
Dominant Wavelength: 583.5nm

Color Purity: 0.678

Color Render Index: $R_a=96.1$, $CRI=94.1$

$R1=97$ $R2=98$ $R3=98$ $R4=97$ $R5=96$ $R6=99$ $R7=95$ $R8=89$

$R9=76$ $R10=94$ $R11=99$ $R12=87$ $R13=97$ $R14=98$ $R15=93$



Photometric Parameters

Luminous Flux: 544.37 lm

Efficiency: 74.17 lm/W

Radiant Power: 2.042 W

Electric Parameters

Voltage: 24.00V

Current: 0.3060A

Power: 7.34W

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: 43854 (5078)

CCD Integration Time: 1720.83 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: 2023-09-13 14:44:52

Inspector: