

# Lightsource Test Report

## Product Information

Product Type: 24V 3000K 12W panel  
Product Number:

Product Spec: 3000K

## CIE Colorimetric Parameters

Chromaticity coordinates:  $x=0.3988$   $y=0.3666$   $u(u')=0.2416$   $v=0.3332$   $v'=0.4998$

CCT:  $T_c=2979K$  ( $duv=-0.00954$ )

Color Ratio:  $R=0.238$   $G=0.717$   $B=0.045$

Peak Wavelength: 630nm

Half Bandwidth: 179.7nm

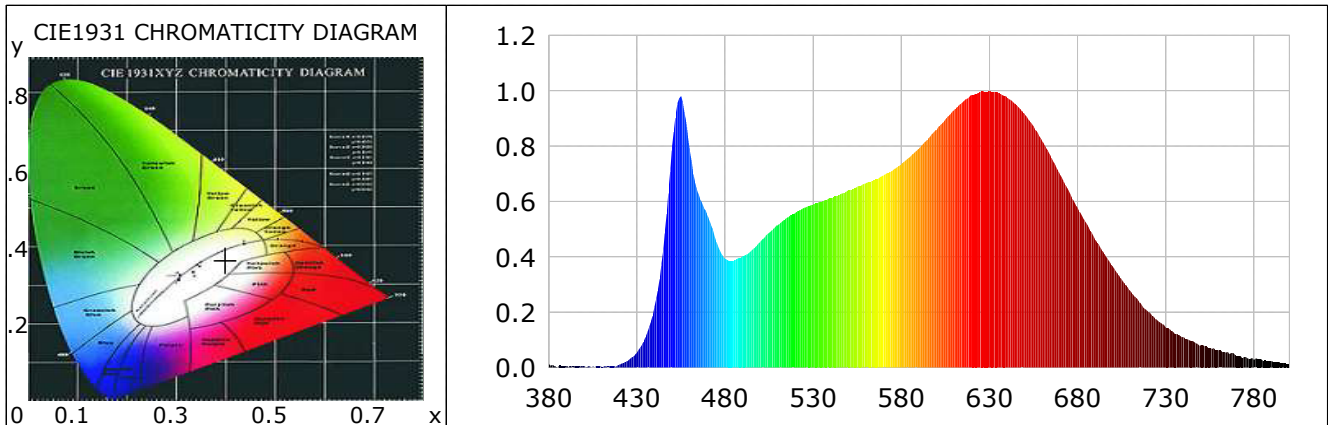
Dominant Wavelength: 586.5nm

Color Purity: 0.297

Color Render Index:  $R_a=94.1$ ,  $CRI=92.7$

$R1=93$   $R2=93$   $R3=96$   $R4=97$   $R5=93$   $R6=89$   $R7=94$   $R8=97$

$R9=93$   $R10=88$   $R11=94$   $R12=78$   $R13=92$   $R14=99$   $R15=93$



## Photometric Parameters

Luminous Flux: 1103.10 lm

Efficiency: 91.62 lm/W

Radiant Power: 3.760 W

## Electric Parameters

Voltage: 24.00V

Current: 0.5060A

Power: 12.04W

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 $\pi$

Max of Signal: 49990 (4926)

CCD Integration Time: 1211.54 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: 2024-01-24 10:22:31

Inspector: