

# Lightsource Test Report

## Product Information

Product Number: ML-0424

## CIE Colorimetric Parameters

Chromaticity coordinates:  $x=0.4426$   $y=0.4085$   $u(u')=0.2523$   $v=0.3493$   $v'=0.5240$

CCT:  $T_c=2943K$  ( $duv=0.00100$ )

Color Ratio:  $R=0.243$   $G=0.732$   $B=0.026$

Peak Wavelength: 614nm

Half Bandwidth: 149.8nm

Dominant Wavelength: 582.7nm

Color Purity: 0.555

CRI:  $R_i$ :  $R_a=89.9$

$R_1=89$

$R_2=94$

$R_3=98$

$R_4=91$

$R_5=90$

$R_6=94$

$R_7=89$

$R_8=74$

$R_9=41$

$R_{10}=87$

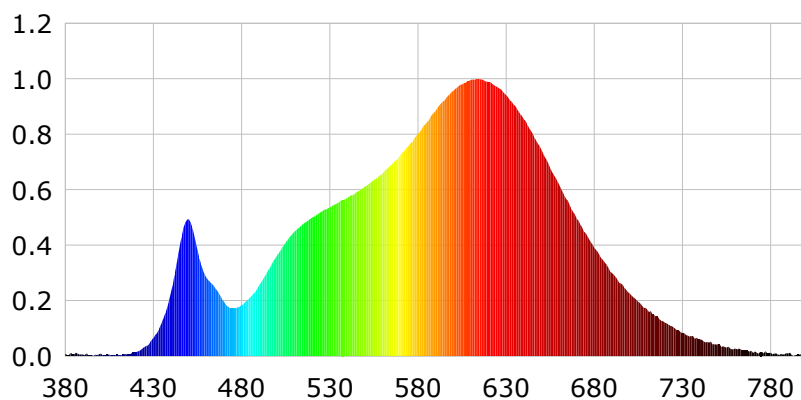
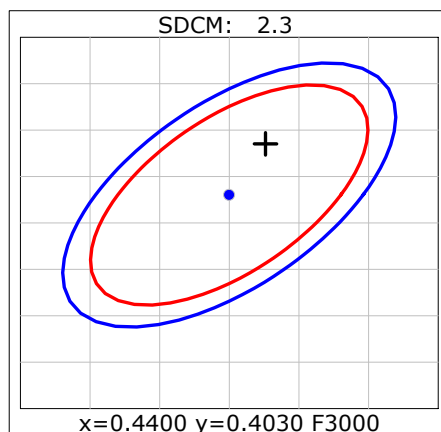
$R_{11}=93$

$R_{12}=80$

$R_{13}=91$

$R_{14}=99$

$R_{15}=83$



## Photometric Parameters

Luminous Flux: 398.4 lm

Efficiency: 38.86 lm/W

Radiant Power: 1.287 W

## Electric Parameters

Voltage: 120.80V

Current: 0.1420A

Power: 10.25W

Power Factor: 0.5950

Frequency: 49.99Hz

## Test Information

Scan Range: 380nm~800nm:1nm Photometric Method: sphere-spectroradiometer

Stabilization Time: 0 Sec

Photometric Condition: Sphere diameter: 1.50m, 4°

Max of Signal: 43798 (3311)

CCD Integration Time: 1220.24 ms

Condition:  $T_x=22.9^{\circ}C$ ,  $T_i=22.4^{\circ}C$ , R.H.:60%

Test Lab:

Operator:

Test Device: Inventfine CMS-2

Test Time: 2023-02-21 08:52:07

Inspector: