

## Lightsource Test Report

### Product Information

Product Category: CSL005-A

Product Type: 7W-3000K

### CIE Colorimetric Parameters

Chromaticity coordinates:  $x=0.4342$   $y=0.4044$   $u(u')=0.2486$   $v=0.3474$   $v'=0.5211$

CCT:  $T_c=3050K$  ( $duv=0.00053$ )

Color Ratio:  $R=0.241$   $G=0.726$   $B=0.033$

Peak Wavelength: 623.2nm

Half Bandwidth: 168.1nm

Dominant Wavelength: 582.4nm

Color Purity: 0.517

CRI:  $R_a=94.0$

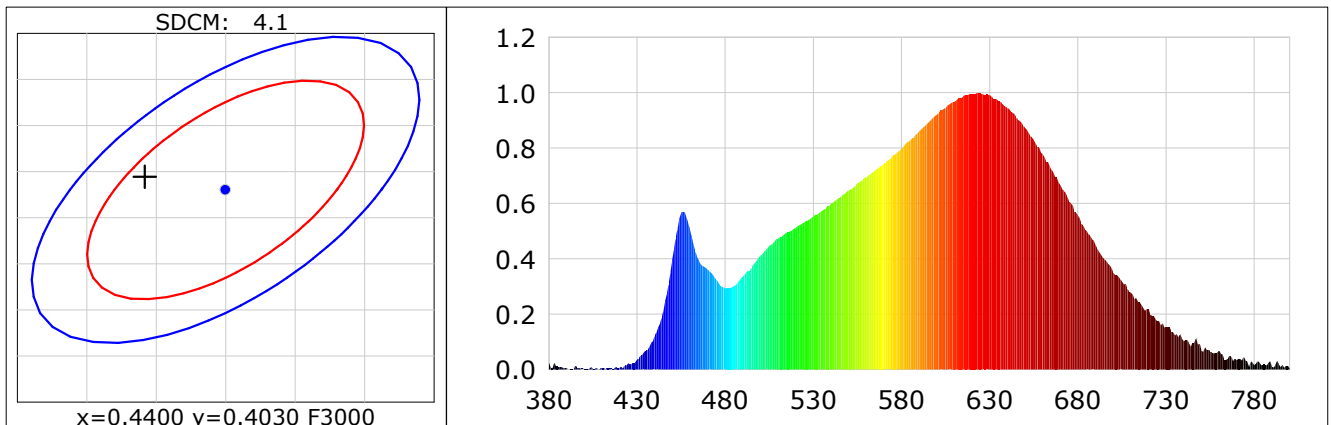
$R_1=95$   $R_2=99$   $R_3=98$   $R_4=93$   $R_5=94$   $R_6=97$   $R_7=91$   $R_8=84$

$R_9=67$   $R_{10}=96$   $R_{11}=94$   $R_{12}=80$   $R_{13}=96$   $R_{14}=100$   $R_{15}=91$

Color Quality Scale:  $Q_a=92.1$ ,  $Q_f=93.5$ ,  $Q_p=93.2$ ,  $Q_g=94.6$

$Q_1=88$   $Q_2=95$   $Q_3=92$   $Q_4=89$   $Q_5=90$   $Q_6=91$   $Q_7=94$   $Q_8=95$

$Q_9=97$   $Q_{10}=97$   $Q_{11}=96$   $Q_{12}=95$   $Q_{13}=94$   $Q_{14}=90$   $Q_{15}=90$



### Photometric Parameters

Luminous Flux: 630.44 lm

Efficiency: 69.14 lm/W

Radiant Power: 1.745 W

EEI: 0.16

Energy Efficiency Class: A+ (EU 874-2012)

### Electric Parameters

Voltage: 240.20V

Current: 0.0640A

Power: 7.18W

Power Factor: 0.4660

Frequency: 50.00Hz

### Test Information

Scan Range: 380~800:1nm

Stabilization Time: 0 Sec

Max of Signal: 42344 (6743)

Photometric Method: sphere-spectroradiometer

Photometric Condition: Sphere diameter: 2.00m, 4T

CCD Integration Time: 2795.30 ms

Condition:  $T_x=35.4^{\circ}C$ ,  $T_i=33.4^{\circ}C$ , R.H.:60%

Test Lab:

Operator:

Test Device: Inventfine CMS-3000S

Test Time: 2021-07-30 10:00:25

Inspector: