

Lightsource Test Report

Product Information

Product Category: IPO 15W-CW

Product Number: 2

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3512$ $y=0.3578$ $u(u')=0.2131$ $v=0.3257$ $v'=0.4886$

CCT: $T_c=4798K$ ($duv=0.00070$)

Color Ratio: $R=0.178$ $G=0.772$ $B=0.050$

Peak Wavelength: 452nm

Half Bandwidth: 22.2nm

Dominant Wavelength: 574.2nm

Color Purity: 0.128

Color Render Index: $R_a=93.8$, $CRI=90.7$

$R_1=94$

$R_2=96$

$R_3=95$

$R_4=93$

$R_5=92$

$R_6=92$

$R_7=96$

$R_8=92$

$R_9=78$

$R_{10}=88$

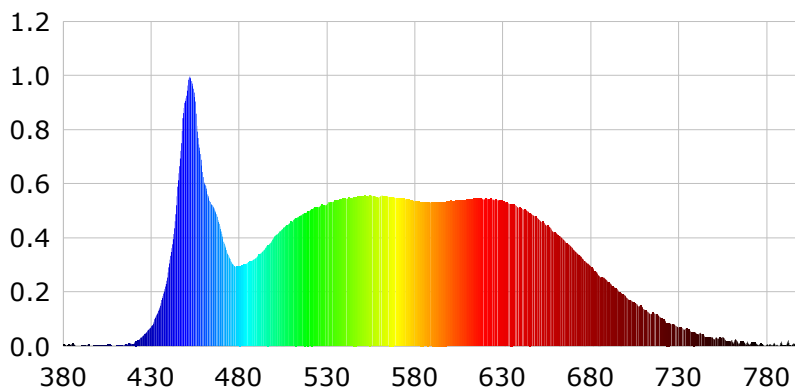
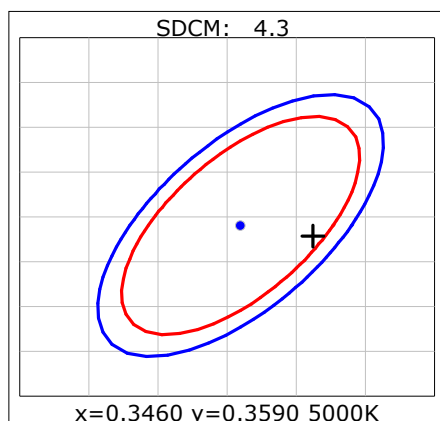
$R_{11}=93$

$R_{12}=65$

$R_{13}=95$

$R_{14}=97$

$R_{15}=93$



Photometric Parameters

Luminous Flux: 1403.45 lm

Efficiency: 100.32 lm/W

Radiant Power: 4.891 W

Electric Parameters

Voltage: 221.20V

Current: 0.1050A

Power: 13.99W

Power Factor: 0.6010

Frequency: 50.00Hz

Test Information

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

Stabilization Time: 0 ms

Photometric Condition: Sphere diameter: 1.50m, 4π

Max of Signal: 51209 (5750)

CCD Integration Time: 2397.26 ms