

## Lightsource Test Report

### Product Information

Product Category: IPO 15W-DW

Product Number: 1

### CIE Colorimetric Parameters

Chromaticity coordinates:  $x=0.3897$   $y=0.3756$   $u(u')=0.2317$   $v=0.3350$   $v'=0.5024$

CCT:  $T_c=3745K$  ( $duv=-0.00313$ )

Color Ratio:  $R=0.213$   $G=0.746$   $B=0.041$

Peak Wavelength: 452nm

Half Bandwidth: 22.9nm

Dominant Wavelength: 581.7nm

Color Purity: 0.297

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

$R1=97$

$R2=99$

$R3=97$

$R4=96$

$R5=96$

$R6=95$

$R7=95$

$R8=93$

$R9=83$

$R10=95$

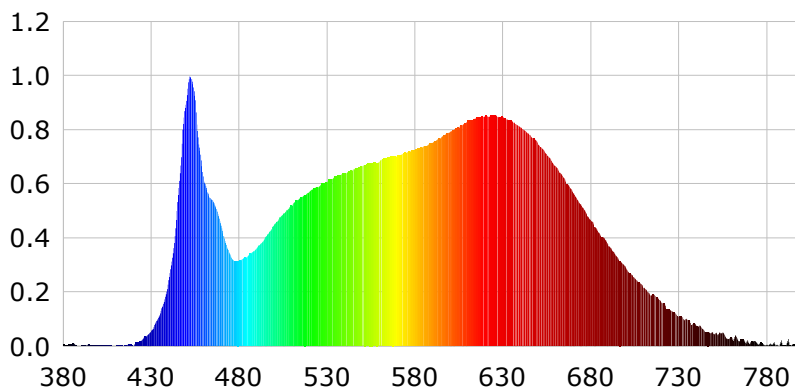
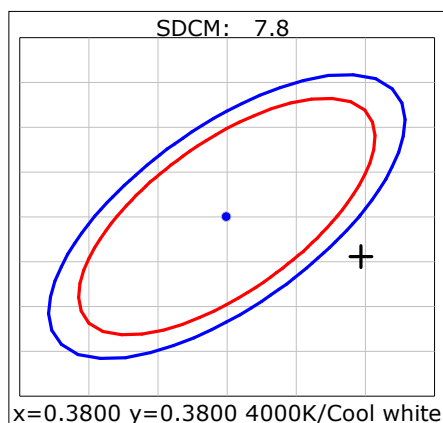
$R11=96$

$R12=75$

$R13=99$

$R14=98$

$R15=97$



### Photometric Parameters

Luminous Flux: 1366.01 lm

Efficiency: 101.41 lm/W

Radiant Power: 4.809 W

### Electric Parameters

Voltage: 221.20V

Current: 0.1010A

Power: 13.47W

Power Factor: 0.5990

Frequency: 49.99Hz

### 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: 45715 (5773)

CCD Integration Time: 2820.31 ms