



## Lightsource Test Report

### Product Information

Product Type: WX09-23-K5

Product Number: 1

### CIE Colorimetric Parameters

Chromaticity coordinates:  $x=0.4637$   $y=0.4132$   $u(u')=0.2638$   $v=0.3526$   $v'=0.5289$

CCT:  $T_c=2668K$  ( $duv=0.00064$ )

Peak Wavelength: 622.2nm

Dominant Wavelength: 584.2nm

Central Wave: 611.1nm

CRI:  $R_a=91.7$

GAI:  $GAI\_BB\_8=95.4$ ,  $GAI\_BB\_15=103.2$ ,  $GAI\_EES=45.4$

$R1=92$

$R2=95$

$R3=98$

$R4=92$

$R5=91$

$R6=95$

$R7=91$

$R8=80$

$R9=57$

$R10=88$

$R11=92$

$R12=79$

$R13=92$

$R14=98$

$R15=88$

Color Quality Scale:  $Q_a=89.9$ ,  $Q_f=92.2$ ,  $Q_p=92.3$ ,  $Q_g=94.5$

$Q1=88$

$Q2=95$

$Q3=88$

$Q4=87$

$Q5=89$

$Q6=90$

$Q7=90$

$Q8=91$

$Q9=97$

$Q10=93$

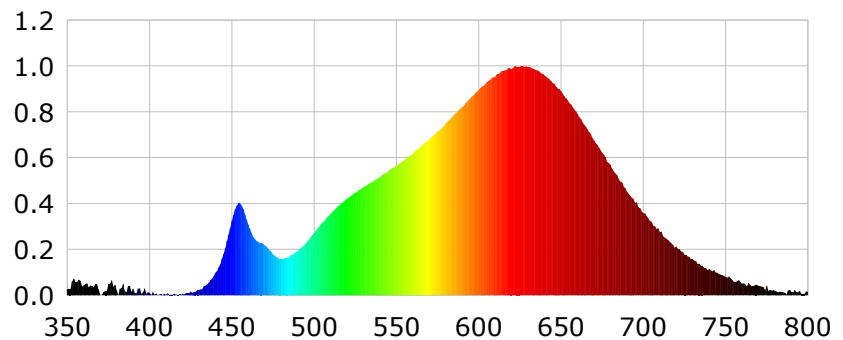
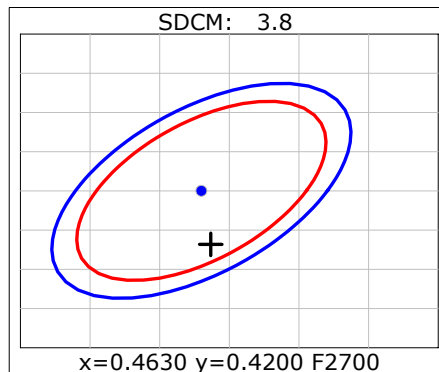
$Q11=93$

$Q12=92$

$Q13=91$

$Q14=86$

$Q15=87$



### Photometric Parameters

Luminous Flux: 878.27 lm

Efficiency: 81.78 lm/W

Radiant Power: 3.124 W

Total mains efficacy: 81.78 lm/W

Energy Efficiency Class: G (EU 2019/2015)

### Electric Parameters

Voltage: 24.000V

Current: 0.4475A

Power: 10.74W

Power Factor: 1.0000

Frequency: 0.00Hz

### Test Information

Scan Range: 350~800:1nm

Stabilization Time: 0 ms ALC.: 1.0000

Max of Signal: 43535 (4298)

Photometric Method: sphere-photometer (spec\_rev)

Photometric Condition: Sphere diameter: 1.75m, 4T

CCD Integration Time: 923.25 ms

Condition:  $T_x=29.8^{\circ}C$ ,  $T_i=28.5^{\circ}C$ , R.H.:60%

Test Lab: Banqcn

Operator: Tester

Test Device: Inventfine CMS-3500S

Test Time: 2022-11-12 14:41:25

Inspector: