

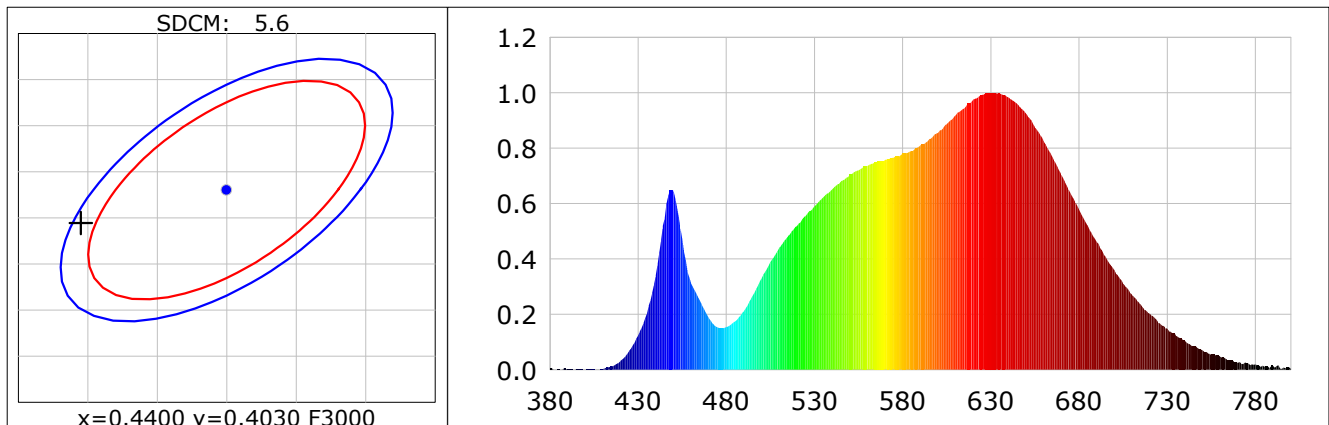
## Lightsource Test Report

### Product Information

Product Category:  
Product Number: 1

### CIE Colorimetric Parameters

Chromaticity coordinates:  $x=0.4295$   $y=0.3994$   $u(u')=0.2478$   $v=0.3456$   $v'=0.5184$   
 CCT:  $T_c=3091K$  ( $duv=-0.00080$ )      Color Ratio:  $R=0.236$   $G=0.740$   $B=0.024$   
 Peak Wavelength: 631.5nm      Half Bandwidth: 169.2nm  
 Dominant Wavelength: 582.7nm      Color Purity: 0.488  
 CRI:  $R_a$ :  $R_a=91.2$   
 $R1=93$     $R2=92$     $R3=89$     $R4=92$     $R5=91$     $R6=89$     $R7=94$     $R8=90$   
 $R9=73$     $R10=80$     $R11=91$     $R12=73$     $R13=92$     $R14=93$     $R15=92$   
 Color Quality Scale:  $Q_a=88.8$ ,  $Q_f=88.7$ ,  $Q_p=93.1$ ,  $Q_g=100.7$   
 $Q1=90$     $Q2=97$     $Q3=82$     $Q4=85$     $Q5=88$     $Q6=86$     $Q7=85$     $Q8=91$   
 $Q9=95$     $Q10=89$     $Q11=90$     $Q12=91$     $Q13=93$     $Q14=91$     $Q15=90$



### Photometric Parameters

Luminous Flux: 2544.85 lm      Efficiency: 81.91 lm/W      Radiant Power: 8.952 W  
 EEI: 0.17      Energy Efficiency Class: A+ (EU 874-2012)

### Electric Parameters

Voltage: 219.60V      Current: 0.1470A      Power: 31.07W  
 Power Factor: 0.9640      Frequency: 50.00Hz

### Test Information

Scan Range: 380~800:1nm      Photometric Method: sphere-spectroradiometer  
 Stabilization Time: 0 Min      Photometric Condition: Sphere diameter: 2.00m, 4T  
 Max of Signal: 53168 (3874)      CCD Integration Time: 747.02 ms

Condition:  $T_x:26.8^{\circ}C$ ,  $T_i:24.3^{\circ}C$ , R.H.:60%  
 Test Lab: IDEUS  
 Operator:

Test Device: Inventfine CMS-3000S  
 Test Time: 2022-03-09 11:51:22  
 Inspector: