

## Lightsource Test Report

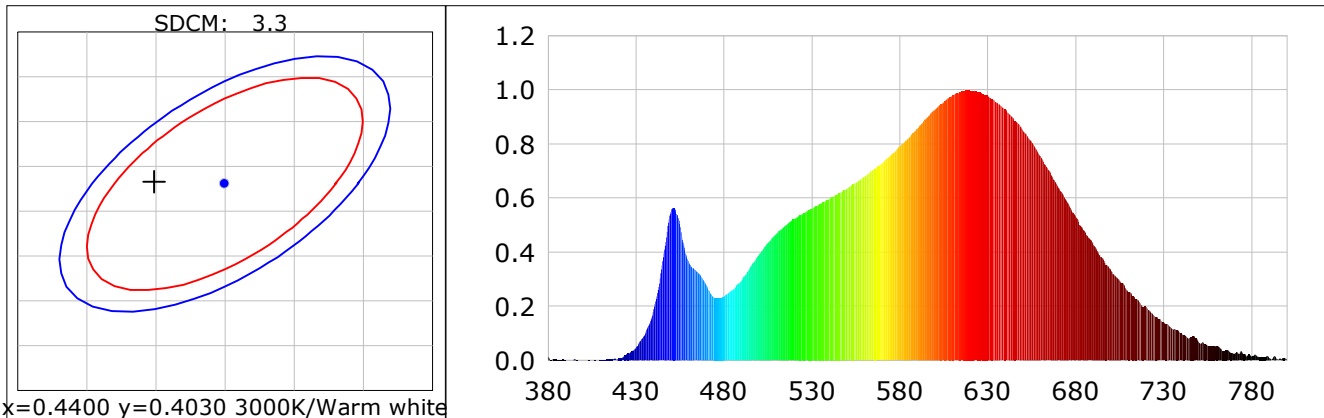
### Product Information

Product Category:  
Product Spec: 3000K

Product Type: 10W  
Product Number: 02

### CIE Colorimetric Parameters

Chromaticity coordinates:  $x=0.4349$   $y=0.4033$   $u(u')=0.2496$   $v=0.3472$   $v'(v')=0.5208$   
 CCT:  $T_c=3028K$  ( $duv=-0.00004$ ) Color Ratio:  $R=0.242$   $G=0.728$   $B=0.030$   
 Peak Wavelength: 619.2nm Half Bandwidth: 167.8nm  
 Dominant Wavelength: 582.7nm Color Purity: 0.516  
 CRI: Ra: Ra= 93.8  
 R1 =94 R2 =97 R3 =99 R4 =94 R5 =94 R6 =96 R7 =92 R8 =83  
 R9 =63 R10=92 R11=96 R12=82 R13=95 R14=99 R15=90  
 Color Quality Scale: Qa= 92.1, Qf= 93.5, Qp= 93.9, Qg= 96.4  
 Q1 =90 Q2 =96 Q3 =90 Q4 =90 Q5 =93 Q6 =94 Q7 =93 Q8 =94  
 Q9 =98 Q10=95 Q11=95 Q12=94 Q13=93 Q14=88 Q15=89



### Photometric Parameters

Luminous Flux: 772.84 lm  
EEI: 0.15

Efficiency: 85.49 lm/W  
Energy Efficiency Class: A+ (EU 874-2012)

Radiant Power: 2.683 W

### Electric Parameters

Voltage: 220.30V  
Power Factor: 0.4780

Current: 0.0860A  
Frequency: 50.00Hz

Power: 9.04W

BIN: OUT :

### Test Information

Scan Range: 380~800:1nm  
Stabilization Time: 0 Sec  
Max of Signal: 42395 (5925)

Photometric Method: sphere-spectroradiometer  
Photometric Condition: Sphere diameter: 2.00m, 4T  
CCD Integration Time: 1819.12 ms

Condition: Tx:32.3'C, Ti:31.3'C, R.H.:60%  
Test Lab: IDEUS  
Operator:

Test Device: Inventfine CMS-3000S  
Test Time: 2019-06-13 16:39:37  
Inspector: