

## Lightsource Test Report

### Product Information

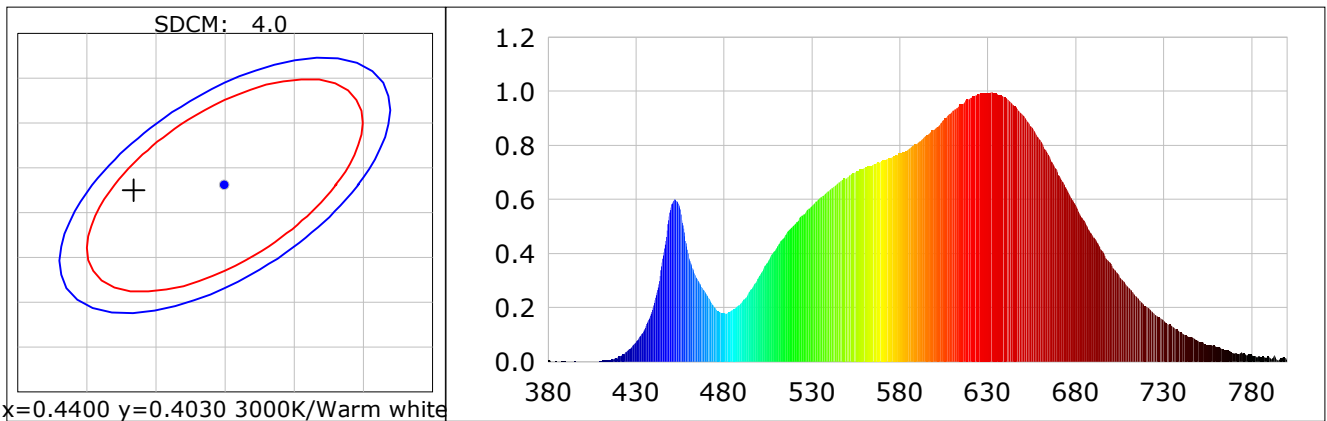
Product Category: CSL003-A  
 Product Number:

Product Spec: 10W 4000K

### CIE Colorimetric Parameters

Chromaticity coordinates:  $x=0.4334$   $y=0.4025$   $u(u')=0.2490$   $v=0.3468$   $v'(=0.5202)$   
 CCT:  $T_c=4047K$  ( $duv=-0.00015$ ) Color Ratio:  $R=0.239$   $G=0.735$   $B=0.025$   
 Peak Wavelength: 632.0nm Half Bandwidth: 167.8nm  
 Dominant Wavelength: 582.7nm Color Purity: 0.509  
 CRI: Ra: Ra= 92.4

R1 =93	R2 =94	R3 =92	R4 =93	R5 =92	R6 =91	R7 =95	R8 =89
R9 =72	R10=84	R11=92	R12=73	R13=93	R14=94	R15=92	
Color Quality Scale: $Q_a= 90.2$ , $Q_f= 90.7$ , $Q_p= 93.3$ , $Q_g= 98.9$							
Q1 =92	Q2 =97	Q3 =84	Q4 =85	Q5 =89	Q6 =89	Q7 =88	Q8 =92
Q9 =95	Q10=91	Q11=91	Q12=93	Q13=94	Q14=91	Q15=91	



### Photometric Parameters

Luminous Flux: 730.41 lm	Efficiency: 91.51 lm/W	Radiant Power: 3.452 W
EEI: 0.15	Energy Efficiency Class: A+ (EU 874-2012)	

### Electric Parameters

Voltage: 220.30V	Current: 0.1800A	Power: 10.59W
Power Factor: 0.9750	Frequency: 50.00Hz	

BIN: OUT :

### Test Information

Scan Range: 380~800:1nm  
 Stabilization Time: 0 ms  
 Max of Signal: 44377 (4407)

Photometric Method: sphere-spectroradiometer  
 Photometric Condition: Sphere diameter: 2.00m, 4π  
 CCD Integration Time: 430.46 ms

Condition: Tx:32.5'C, Ti:30.1'C, R.H.:60%  
 Test Lab:  
 Operator:

Test Device: Inventfine CMS-3000S  
 Test Time: 2019-06-03 15:52:36  
 Inspector: