

## Lightsource Test Report

### Product Information

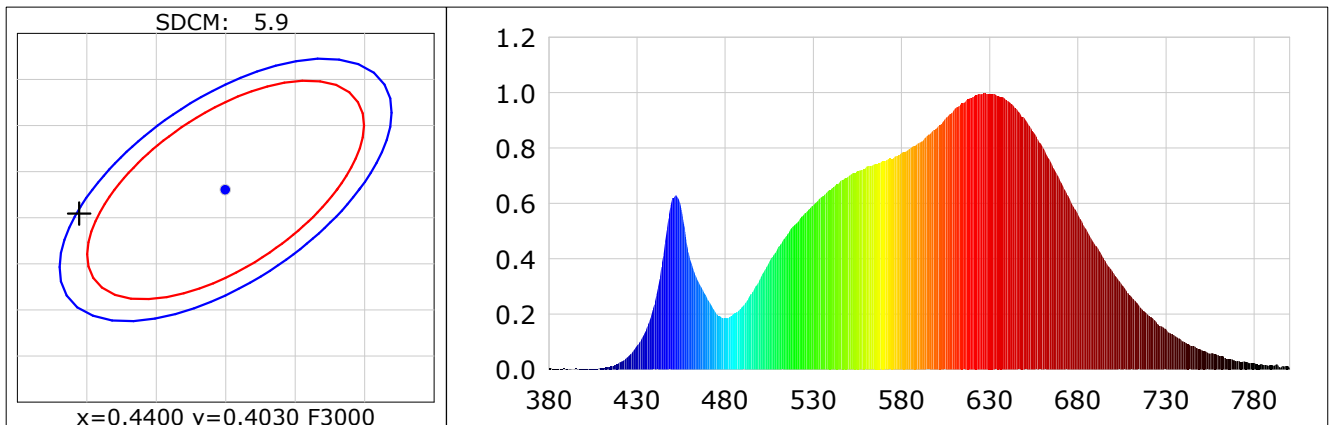
Product Category: TRL003  
 Product Number: 06

Product Spec: 35W 4000K

### CIE Colorimetric Parameters

Chromaticity coordinates:  $x=0.4295$   $y=0.4004$   $u(u')=0.2473$   $v=0.3459$   $v'=0.5188$   
 CCT:  $T_c=4100K$  ( $duv=-0.00038$ ) Color Ratio:  $R=0.237$   $G=0.738$   $B=0.026$   
 Peak Wavelength: 626.9nm Half Bandwidth: 168.9nm  
 Dominant Wavelength: 582.5nm Color Purity: 0.491  
 CRI:  $R_a=92.3$

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: $Q_a=90.0$ , $Q_f=90.5$ , $Q_p=93.3$ , $Q_g=99.2$							
Q1 =92	Q2 =98	Q3 =84	Q4 =85	Q5 =89	Q6 =89	Q7 =88	Q8 =92
Q9 =95	Q10=91	Q11=91	Q12=92	Q13=94	Q14=91	Q15=91	



### Photometric Parameters

Luminous Flux: 2980.51 lm  
 EEI: 0.16

Efficiency: 84.97 lm/W  
 Energy Efficiency Class: A+ (EU 874-2012)

Radiant Power: 10.360 W

### Electric Parameters

Voltage: 219.90V  
 Power Factor: 0.9730

Current: 0.1630A  
 Frequency: 50.00Hz

Power: 34.89W

BIN: OUT :

### Test Information

Scan Range: 380~800:1nm  
 Stabilization Time: 0 Sec  
 Max of Signal: 48009 (3540)

Photometric Method: sphere-spectroradiometer  
 Photometric Condition: Sphere diameter: 2.00m, 4π  
 CCD Integration Time: 673.57 ms

Condition:  $T_x=23.9^\circ C$ ,  $T_i=21.9^\circ C$ , R.H.:60%  
 Test Lab: IDEUS  
 Operator:

Test Device: Inventfine CMS-3000S  
 Test Time: 2019-12-05 10:16:09  
 Inspector: