

## Lightsource Test Report

### Product Information

Product Category: TRL001/40W/3000K      Product Number: 1

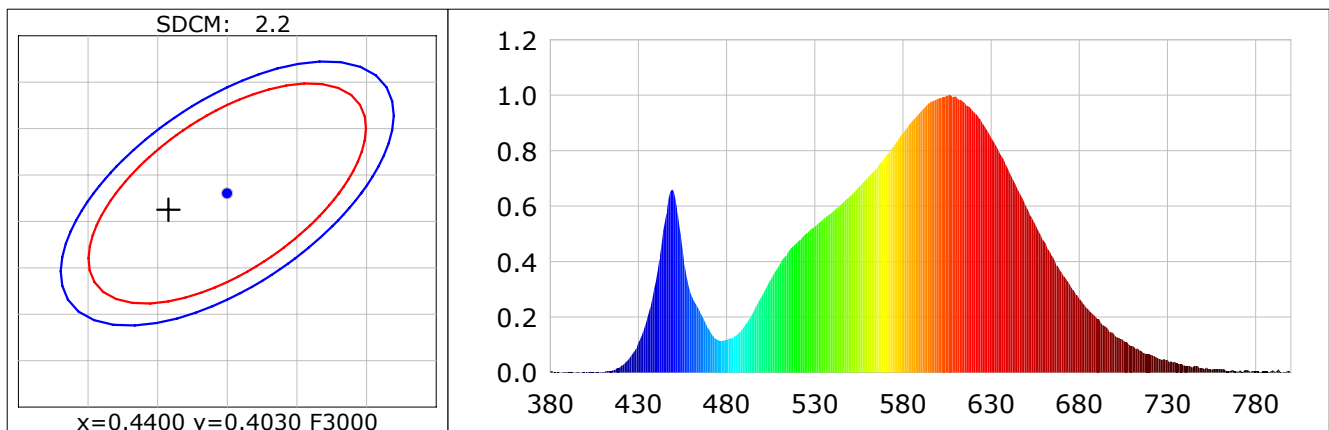
### CIE Colorimetric Parameters

Chromaticity coordinates:  $x=0.4358$   $y=0.4012$      $u(u')=0.2510$   $v=0.3467$   $v'(v)=0.5201$   
 CCT:  $T_c=2997K$  ( $duv=-0.00098$ )                      Color Ratio:  $R=0.229$   $G=0.750$   $B=0.021$   
 Peak Wavelength: 606.1nm                              Half Bandwidth: 132.9nm  
 Dominant Wavelength: 583.2nm                      Color Purity: 0.512  
 CRI:  $R_a=81.4$   

R1 =80	R2 =88	R3 =95	R4 =81	R5 =80	R6 =85	R7 =83	R8 =60
R9 =8	R10=72	R11=80	R12=65	R13=82	R14=97	R15=74	

 Color Quality Scale:  $Q_a=80.5$ ,  $Q_f=81.2$ ,  $Q_p=83.6$ ,  $Q_g=94.1$   

Q1 =77	Q2 =97	Q3 =78	Q4 =77	Q5 =81	Q6 =80	Q7 =80	Q8 =84
Q9 =96	Q10=86	Q11=83	Q12=82	Q13=82	Q14=72	Q15=73	



### Photometric Parameters

Luminous Flux: 5051.58 lm      Efficiency: 126.23 lm/W      Radiant Power: 15.134 W  
 EEI: 0.11      Energy Efficiency Class: A++ (EU 874-2012)

### Electric Parameters

Voltage: 219.60V      Current: 0.1860A      Power: 40.02W  
 Power Factor: 0.9760      Frequency: 50.00Hz

BIN: OUT :

#### Test Information

Scan Range: 380~800:1nm	Photometric Method: sphere-spectroradiometer
Stabilization Time: 0 Sec	Photometric Condition: Sphere diameter: 2.00m, 4π
Max of Signal: 42007 (4438)	CCD Integration Time: 285.64 ms

Condition:  $T_x=34.3^{\circ}C$ ,  $T_i=31.2^{\circ}C$ , R.H.:60%  
 Test Lab: IDEUS  
 Operator:

Test Device: Inventfine CMS-3000S  
 Test Time: 2020-06-02 16:57:59  
 Inspector: