

## Lightsource Test Report

### Product Information

Product Category: TRL001 40W /36° /4000K /Product Number: 2

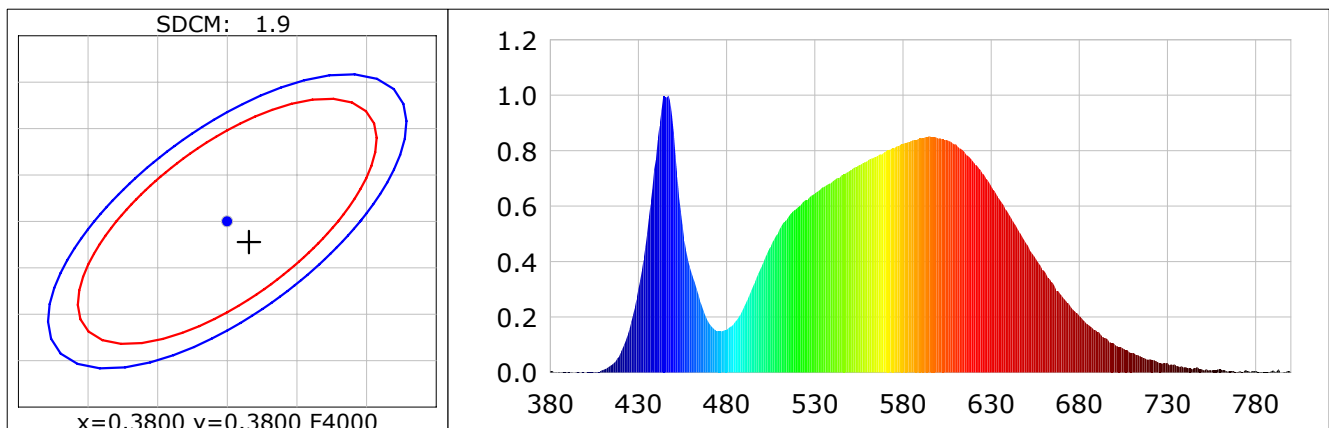
### CIE Colorimetric Parameters

Chromaticity coordinates:  $x=0.3816$   $y=0.3778$   $u(u')=0.2254$   $v=0.3348$   $v'(v')=0.5022$   
 CCT:  $T_c=3977K$  ( $duv=0.00015$ ) Color Ratio:  $R=0.183$   $G=0.789$   $B=0.028$   
 Peak Wavelength: 446.8nm Half Bandwidth: 20.6nm  
 Dominant Wavelength: 579.1nm Color Purity: 0.279  
 CRI:  $R_a=80.8$   

R1 =80	R2 =84	R3 =88	R4 =82	R5 =80	R6 =80	R7 =85	R8 =67
R9 =10	R10=64	R11=82	R12=61	R13=80	R14=93	R15=75	

Color Quality Scale:  $Q_a=81.3$ ,  $Q_f=80.7$ ,  $Q_p=83.0$ ,  $Q_g=95.5$   

Q1 =81	Q2 =97	Q3 =76	Q4 =76	Q5 =81	Q6 =81	Q7 =82	Q8 =89
Q9 =95	Q10=84	Q11=82	Q12=82	Q13=83	Q14=72	Q15=76	



### Photometric Parameters

Luminous Flux: 5180.21 lm Efficiency: 132.08 lm/W Radiant Power: 15.580 W  
 EEI: 0.10 Energy Efficiency Class: A++ (EU 874-2012)

### Electric Parameters

Voltage: 219.60V Current: 0.1840A Power: 39.22W  
 Power Factor: 0.9760 Frequency: 49.99Hz

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: 42970 (4436)	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 17:02:04  
 Inspector: