

Lightsource Test Report

Product Information

Product Category: TRL009
 Product Number: 4

Product Type: 12W 4000K

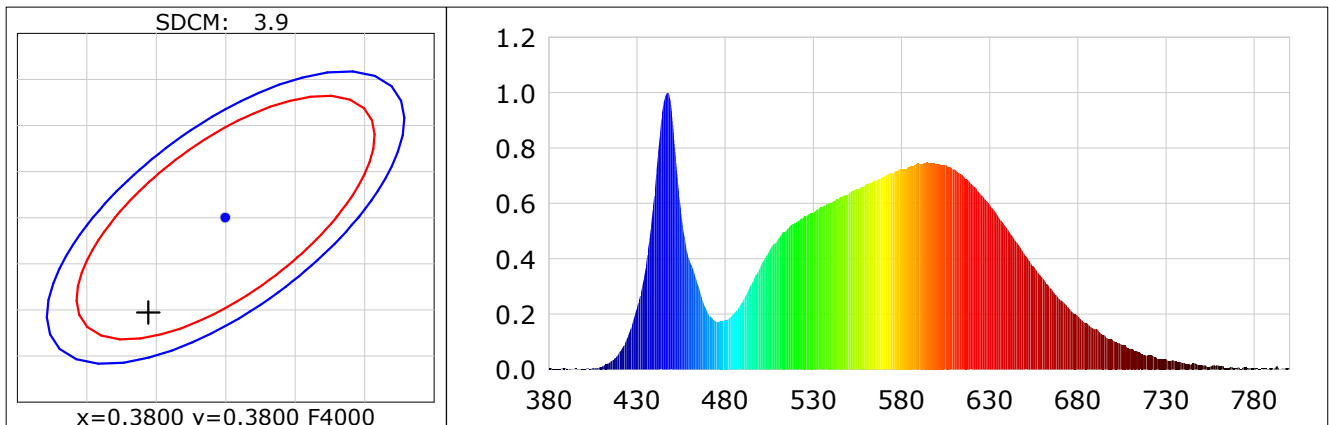
CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3744$ $y=0.3697$ $u(u')=0.2239$ $v=0.3317$ $v'=0.4975$
 CCT: $T_c=4119K$ ($duv=-0.00153$) Color Ratio: $R=0.182$ $G=0.785$ $B=0.033$
 Peak Wavelength: 447.4nm Half Bandwidth: 18.7nm
 Dominant Wavelength: 579.6nm Color Purity: 0.233
 CRI: $R_a=83.2$

R1 =82	R2 =87	R3 =90	R4 =84	R5 =83	R6 =83	R7 =87	R8 =69
R9 =18	R10=69	R11=84	R12=64	R13=83	R14=94	R15=78	

Color Quality Scale: $Q_a=82.7$, $Q_f=82.1$, $Q_p=84.6$, $Q_g=96.0$

Q1 =83	Q2 =97	Q3 =77	Q4 =77	Q5 =83	Q6 =84	Q7 =85	Q8 =90
Q9 =96	Q10=85	Q11=83	Q12=83	Q13=84	Q14=75	Q15=78	



Photometric Parameters

Luminous Flux: 960.30 lm
 EEI: 0.12

Efficiency: 111.61 lm/W
 Energy Efficiency Class: A+ (EU 874-2012)

Radiant Power: 10.870 W

Electric Parameters

Voltage: 220.00V
 Power Factor: 0.5140

Current: 0.2790A
 Frequency: 50.00Hz

Power: 12.54W

BIN: OUT :

Test Information

Scan Range: 380~800:1nm
 Stabilization Time: 0 Sec
 Max of Signal: 44732 (4528)

Photometric Method: sphere-spectroradiometer
 Photometric Condition: Sphere diameter: 2.00m, 4π
 CCD Integration Time: 405.73 ms

Condition: $T_x=33.5^\circ C$, $T_i=32.5^\circ C$, R.H.:60%
 Test Lab:
 Operator:

Test Device: Inventfine CMS-3000S
 Test Time: 2019-08-28 19:56:07
 Inspector: