

Lightsource Test Report

Product Information

Product Category: TRL001/40W/4000K Product Spec: 4000K

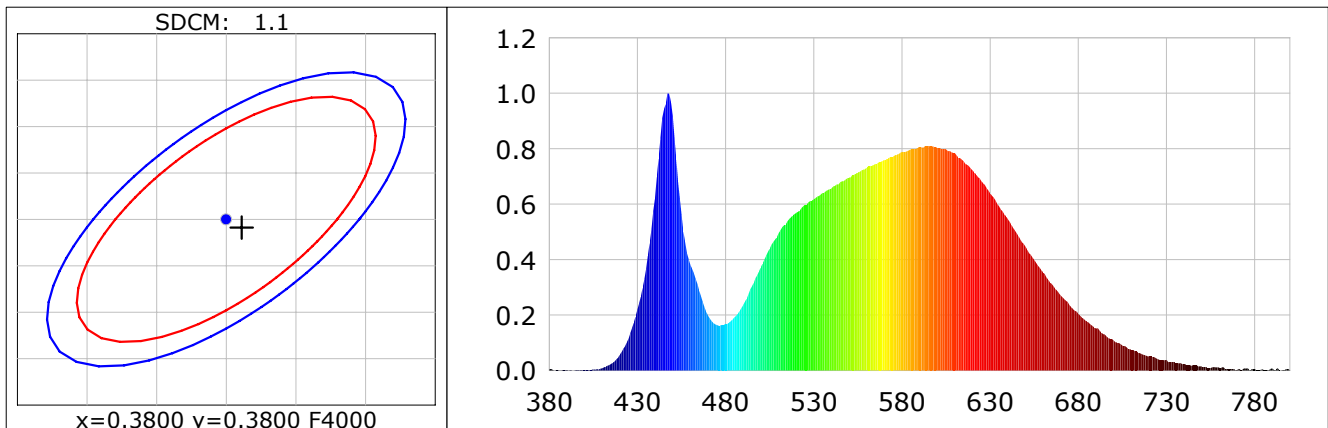
CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3811$ $y=0.3791$ $u(u')=0.2246$ $v=0.3351$ $v'=0.5027$
 CCT: $T_c=4000K$ ($duv=0.00090$) Color Ratio: $R=0.182$ $G=0.788$ $B=0.030$
 Peak Wavelength: 447.5nm Half Bandwidth: 18.3nm
 Dominant Wavelength: 578.6nm Color Purity: 0.282
 CRI: $R_a=81.4$

R1 =80	R2 =85	R3 =89	R4 =82	R5 =80	R6 =80	R7 =86	R8 =67
R9 =11	R10=65	R11=82	R12=60	R13=81	R14=94	R15=75	

 Color Quality Scale: $Q_a=81.9$, $Q_f=81.6$, $Q_p=83.2$, $Q_g=94.8$

Q1 =82	Q2 =97	Q3 =76	Q4 =76	Q5 =82	Q6 =82	Q7 =83	Q8 =89
Q9 =96	Q10=85	Q11=83	Q12=83	Q13=84	Q14=73	Q15=76	



Photometric Parameters

Luminous Flux: 5387.98 lm Efficiency: 135.79 lm/W Radiant Power: 16.256 W
 EEI: 0.10 Energy Efficiency Class: A++ (EU 874-2012)

Electric Parameters

Voltage: 276.60V Current: 0.1770A Power: 39.68W
 Power Factor: 0.8100 Frequency: 60.00Hz

BIN: OUT :

Test Information

Scan Range: 380~800:1nm	Photometric Method: sphere-spectroradiometer
Stabilization Time: 0 Sec	Photometric Condition: Sphere diameter: 2.00m, 4 π
Max of Signal: 44477 (4418)	CCD Integration Time: 274.88 ms

Condition: $T_x=34.2^\circ C$, $T_i=31.1^\circ C$, R.H.:60%
 Test Lab: IDEUS
 Operator:

Test Device: Inventfine CMS-3000S
 Test Time: 2020-06-03 11:43:38
 Inspector: