Lightsource Test Report

Product Infomation

Product Category: TRL001 Product Type: 12W 4000K
Product Number: 4

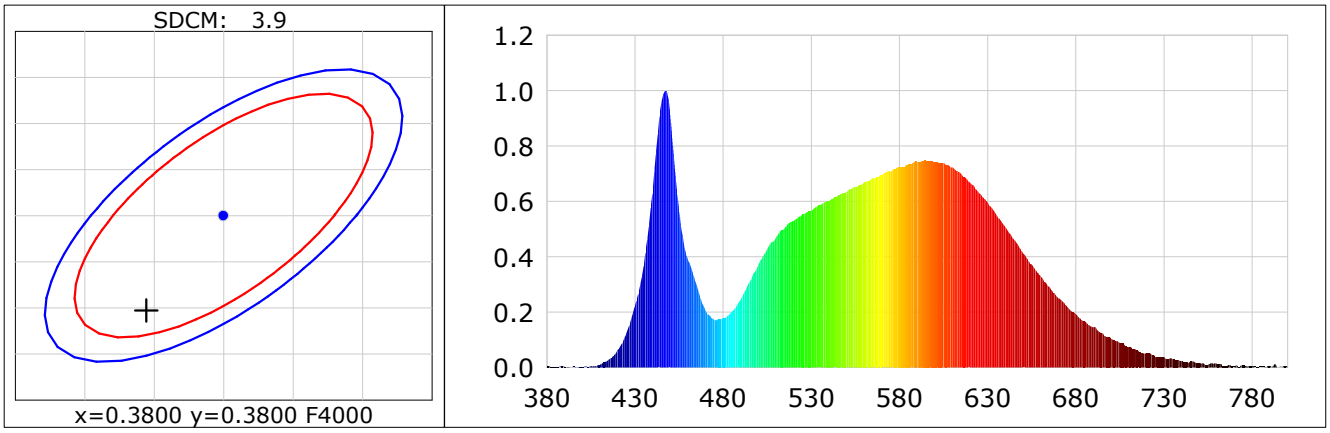
CIE Colorimetric Parameters

Chromaticity coordinates: x=0.3744 y=0.3697 u(u')=0.2239 v=0.3317 v'=0.4975
CCT: Tc=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: Ra: Ra= 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: Qa= 82.7, Qf= 82.1, Qp= 84.6, Qg= 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: 1020.30 lm Efficiency: 111.61 lm/W Radiant Power: 10.870 W
EEI: 0.12 Energy Efficiency Class: A+ (EU 874-2012)

Electric Parameters

Voltage: 220.00V Current: 0.2790A Power: 12.54W
Power Factor: 0.5140 Frequency: 50.00Hz

BIN: OUT :

Test Infomation
Scan Range: 380~800:1nm Photometric Method: sphere-spectroradiometer
Stabilization Time: 0 Sec Photometric Condition: Sphere diameter: 2.00m, 4π
Max of Signal: 44732 (4528) CCD Integration Time: 405.73 ms

Condition: Tx:33.5'C, Ti:32.5'C, R.H.:60% Test Device: Inventfine CMS-3000S
Test Lab: Test Time: 2019-08-28 19:56:07
Operator: Inspector: