Lightsource Test Report

Product Infomation

Product Category: TRL001/40W/3000K/36°/B1Product Number: 1

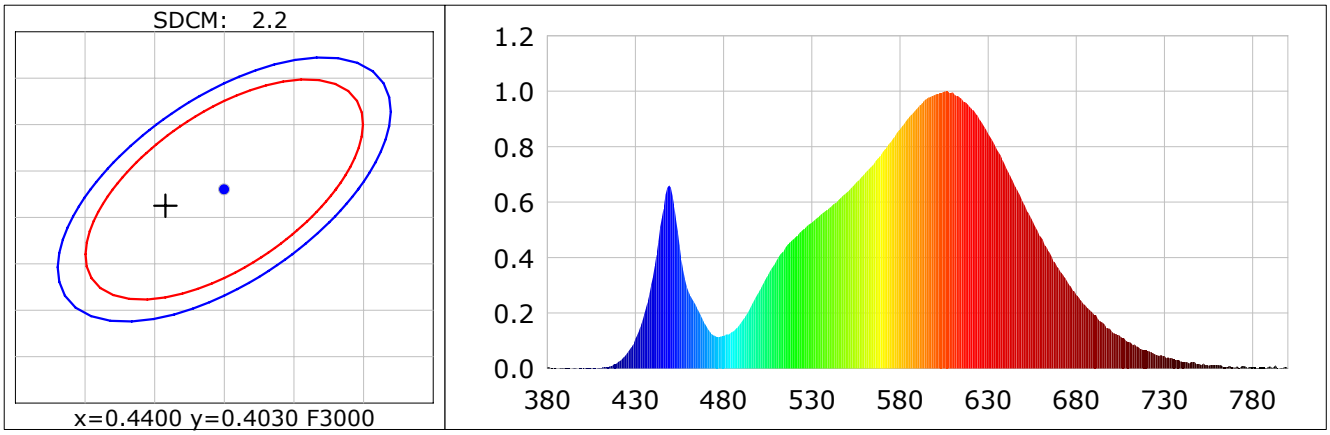
CIE Colorimetric Parameters

Chromaticity coordinates: x=0.4358 y=0.4012 u(u')=0.2510 v=0.3467 v'=0.5201
CCT: Tc=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: Ra: Ra= 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: Qa= 80.5, Qf= 81.2, Qp= 83.6, Qg= 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 Infomation
Scan Range: 380~800:1nm Photometric Method: sphere-spectroradiometer
Stabilization Time: 0 Sec Photometric Condition: Sphere diameter: 2.00m, 4∏
Max of Signal: 42007 (4438) CCD Integration Time: 285.64 ms

Condition: Tx:34.3'C, Ti:31.2'C, R.H.:60% Test Device: Inventfine CMS-3000S
Test Lab: IDEUS Test Time: 2020-06-02 16:57:59
Operator: Inspector: