Lightsource Test Report

Product Infomation

Product Category: TRL008 Product Type: 8W /3000K

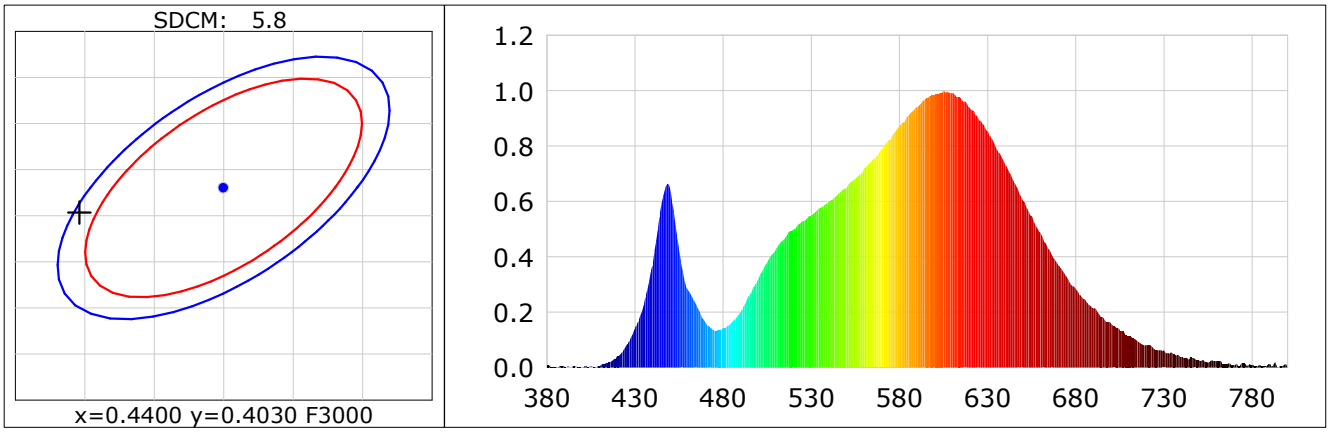
CIE Colorimetric Parameters

Chromaticity coordinates: x=0.4296 y=0.4003 u(u')=0.2475 v=0.3459 v'=0.5188
CCT: Tc=3096K (duv=-0.00046) Color Ratio: R=0.224 G=0.753 B=0.023
Peak Wavelength: 605.0nm Half Bandwidth: 138.2nm
Dominant Wavelength: 582.6nm Color Purity: 0.491
CRI: Ra: Ra= 82.8

R1 =81	R2 =89	R3 =95	R4 =83	R5 =82	R6 =86	R7 =84	R8 =63
R9 =12	R10=74	R11=82	R12=69	R13=83	R14=97	R15=75	

Color Quality Scale: Qa= 82.1, Qf= 83.0, Qp= 84.6, Qg= 94.2

Q1 =78	Q2 =97	Q3 =80	Q4 =80	Q5 =83	Q6 =82	Q7 =82	Q8 =86
Q9 =96	Q10=87	Q11=85	Q12=84	Q13=83	Q14=73	Q15=75	



Photometric Parameters

Luminous Flux: 560.29 lm Efficiency: 66.87 lm/W Radiant Power: 8.206 W
EEI: 0.14 Energy Efficiency Class: A+ (EU 874-2012)

Electric Parameters

Voltage: 219.80V Current: 0.2780A Power: 8.24W
Power Factor: 0.5120 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: 47548 (5395) CCD Integration Time: 563.11 ms

Condition: Tx:35.7'C, Ti:32.7'C, R.H.:60% Test Device: Inventfine CMS-3000S
Test Lab: IDEUS Test Time: 2019-08-21 21:31:05
Operator: Inspector: