Lightsource Test Report

Product Infomation

Product Category: TRL012 Product Spec: 30W 4000K
Product Number: 3

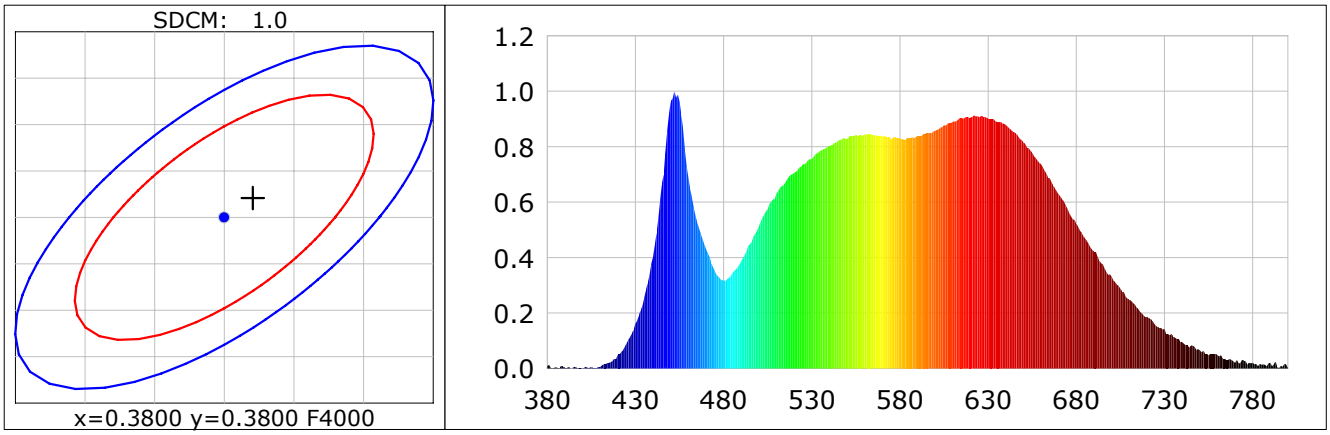
CIE Colorimetric Parameters

Chromaticity coordinates: x=0.3821 y=0.3821 u(u')=0.2241 v=0.3361 v'=0.5042
CCT: Tc=3996K (duv=0.00201) Color Ratio: R=0.196 G=0.766 B=0.038
Peak Wavelength: 452.1nm Half Bandwidth: 24.2nm
Dominant Wavelength: 578.0nm Color Purity: 0.293
CRI: Ra: Ra= 92.7

R1 =93	R2 =94	R3 =92	R4 =93	R5 =92	R6 =90	R7 =97	R8 =91
R9 =75	R10=83	R11=92	R12=69	R13=93	R14=95	R15=92	

Color Quality Scale: Qa= 92.2, Qf= 91.9, Qp= 92.8, Qg= 98.7

Q1 =95	Q2 =99	Q3 =86	Q4 =85	Q5 =90	Q6 =92	Q7 =93	Q8 =96
Q9 =97	Q10=94	Q11=94	Q12=95	Q13=96	Q14=93	Q15=94	



Photometric Parameters

Luminous Flux: 3020.16 lm Efficiency: 104.27 lm/W Radiant Power: 10.530 W
EEI: 0.13 Energy Efficiency Class: A+ (EU 874-2012)

Electric Parameters

Voltage: 220.30V Current: 0.1410A Power: 29.31W
Power Factor: 0.9450 Frequency: 49.99Hz

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: 44344 (5325) CCD Integration Time: 644.60 ms

Condition: Tx:35.1'C, Ti:33.3'C, R.H.:60% Test Device: Inventfine CMS-3000S
Test Lab: IDEUS Test Time: 2020-09-03 10:58:23
Operator: Inspector: