

Lightsource Test Report

Product Information

Product Category: KOSOOM TRL012
 Product Number: 02

Product Spec: 30W 3000K

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.4308$ $y=0.4017$ $u(u')=0.2476$ $v=0.3464$ $v'(v')=0.5195$
 CCT: $T_c=3087K$ ($duv=-0.00006$) Color Ratio: R=0.237 G=0.739 B=0.024
 Peak Wavelength: 632.1nm Half Bandwidth: 173.3nm
 Dominant Wavelength: 582.5nm Color Purity: 0.499

CRI: Ra= 91.8

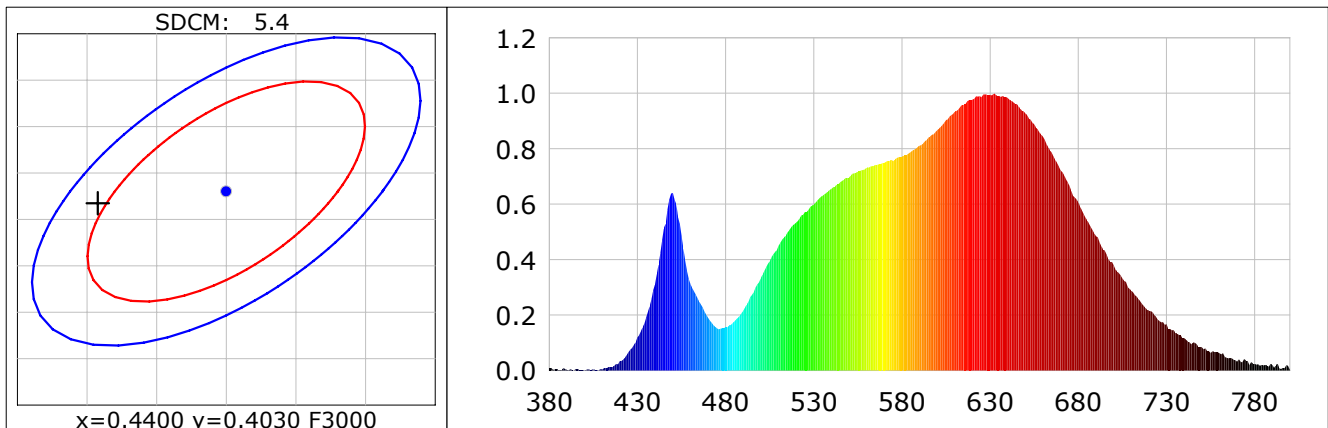
R1 =94 R2 =93 R3 =90 R4 =93 R5 =92 R6 =90 R7 =94 R8 =90

R9 =74 R10=82 R11=93 R12=74 R13=93 R14=93 R15=92

Color Quality Scale: Qa= 89.7, Qf= 89.9, Qp= 93.5, Qg=100.3

Q1 =91 Q2 =97 Q3 =84 Q4 =86 Q5 =89 Q6 =87 Q7 =86 Q8 =92

Q9 =95 Q10=90 Q11=91 Q12=93 Q13=94 Q14=91 Q15=91



Photometric Parameters

Luminous Flux: 2270.65 lm
 EEI: 0.14

Efficiency: 97.22 lm/W

Radiant Power: 10.334 W

Energy Efficiency Class: A+ (EU 874-2012)

Electric Parameters

Voltage: 219.60V

Current: 0.1440A

Power: 29.96W

Power Factor: 0.9490

Frequency: 50.00Hz

BIN: OUT :

Test Information

Scan Range: 380~800:1nm

Stabilization Time: 0 Min

Max of Signal: 48775 (5953)

Photometric Method: sphere-spectroradiometer

Photometric Condition: Sphere diameter: 2.00m, 4π

CCD Integration Time: 708.89 ms

Condition: Tx:36.4'C, Ti:33.6'C, R.H.:60%

Test Lab: IDEUS

Operator:

Test Device: Inventfine CMS-3000S

Test Time: 2020-09-03 21:35:11

Inspector: