

Lightsource Test Report

Product Information

Product Category: TRL001
 Product Number: 4

Product Type: 20W 4000K

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3744$ $y=0.3697$ $u(u')=0.2239$ $v=0.3317$ $v'=0.4975$
 CCT: $T_c=4119K$ ($duv=-0.00153$) 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

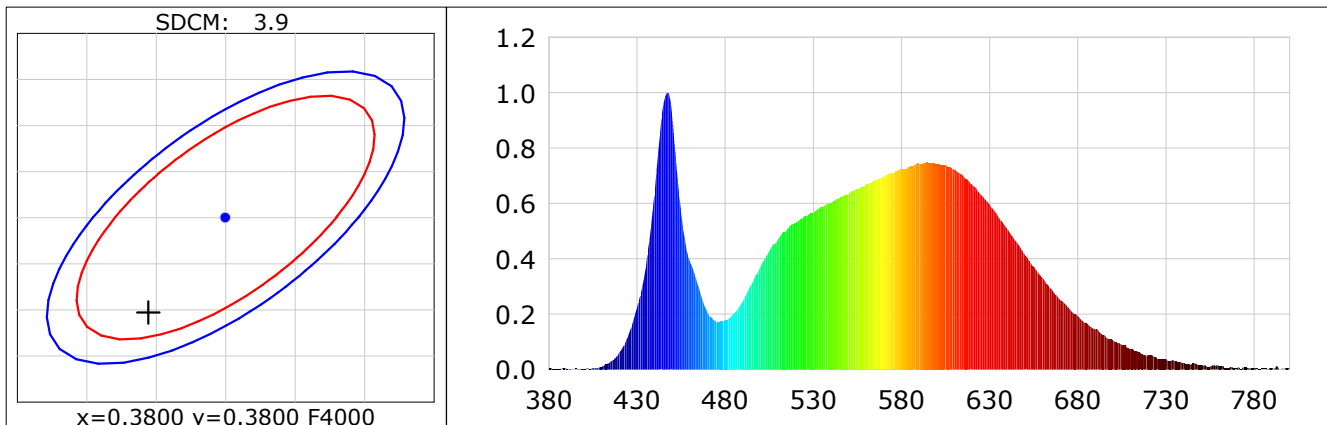
R1 =82 R2 =87 R3 =90 R4 =84 R5 =83 R6 =83 R7 =87 R8 =69

R9 =18 R10=69 R11=84 R12=64 R13=83 R14=94 R15=78

Color Quality Scale: $Q_a= 82.7$, $Q_f= 82.1$, $Q_p= 84.6$, $Q_g= 96.0$

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: 1880.30 lm
 EEI: 0.12

Efficiency: 111.61 lm/W

Radiant Power: 10.870 W

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

Electric Parameters

Voltage: 220.00V
 Power Factor: 0.5140

Current: 0.2790A
 Frequency: 50.00Hz

Power: 20.34W

BIN: OUT :

Test Information

Scan Range: 380~800:1nm
 Stabilization Time: 0 Sec
 Max of Signal: 44732 (4528)

Photometric Method: sphere-spectroradiometer
 Photometric Condition: Sphere diameter: 2.00m, 4π
 CCD Integration Time: 405.73 ms

Condition: Tx:33.5'C, Ti:32.5'C, R.H.:60%
 Test Lab:
 Operator:

Test Device: Inventfine CMS-3000S
 Test Time: 2019-08-28 19:56:07
 Inspector: