

Lightsource Test Report

Product Information

Product Category:
Product Spec: TRL001-A

Product Type: 20W 3000K
Product Number: 01

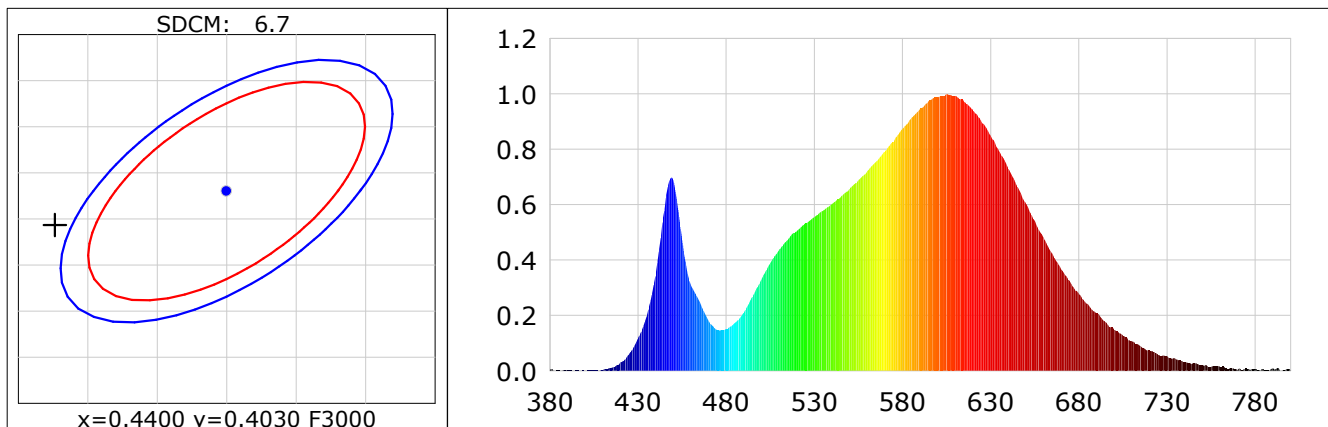
CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.4276$ $y=0.3993$ $u(u')=0.2466$ $v=0.3454$ $v'=0.5181$
 CCT: $T_c=3124K$ ($duv=-0.00056$) Color Ratio: $R=0.223$ $G=0.753$ $B=0.024$
 Peak Wavelength: 605.2nm Half Bandwidth: 139.2nm
 Dominant Wavelength: 582.5nm Color Purity: 0.482
 CRI: $R_a=83.2$

R1 =82	R2 =89	R3 =95	R4 =83	R5 =82	R6 =87	R7 =84	R8 =63
R9 =13	R10=75	R11=83	R12=68	R13=83	R14=97	R15=75	

Color Quality Scale: $Q_a=82.4$, $Q_f=83.3$, $Q_p=84.8$, $Q_g=94.1$

Q1 =79	Q2 =97	Q3 =80	Q4 =80	Q5 =83	Q6 =83	Q7 =83	Q8 =86
Q9 =97	Q10=88	Q11=85	Q12=84	Q13=84	Q14=73	Q15=75	



Photometric Parameters

Luminous Flux: 1710.79 lm
EEI: 0.12

Efficiency: 113.61 lm/W

Radiant Power: 10.307 W

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

Electric Parameters

Voltage: 220.00V
Power Factor: 0.5000

Current: 0.2720A
Frequency: 50.00Hz

Power: 20.57W

BIN: OUT :

Test Information

Scan Range: 380~800:1nm
 Stabilization Time: 0 Sec
 Max of Signal: 44866 (3995)
 Condition: Tx:29.4°C, Ti:26.9°C, R.H.:60%
 Test Lab: IDEUS
 Operator:

Photometric Method: sphere-spectroradiometer
 Photometric Condition: Sphere diameter: 2.00m, 4π
 CCD Integration Time: 507.73 ms
 Test Device: Inventfine CMS-3000S
 Test Time: 2020-01-11 11:09:36
 Inspector: