

Lightsource Test Report

Product Information

Product Category: TRL005

Product Type: 28W /3000K

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.4289$ $y=0.4001$ $u(u')=0.2470$ $v=0.3457$ $v'=0.5186$

CCT: $T_c=3109K$ ($duv=-0.00041$)

Color Ratio: $R=0.224$ $G=0.752$ $B=0.024$

Peak Wavelength: 605.0nm

Half Bandwidth: 139.0nm

Dominant Wavelength: 582.5nm

Color Purity: 0.488

CRI: $R_a=83.5$

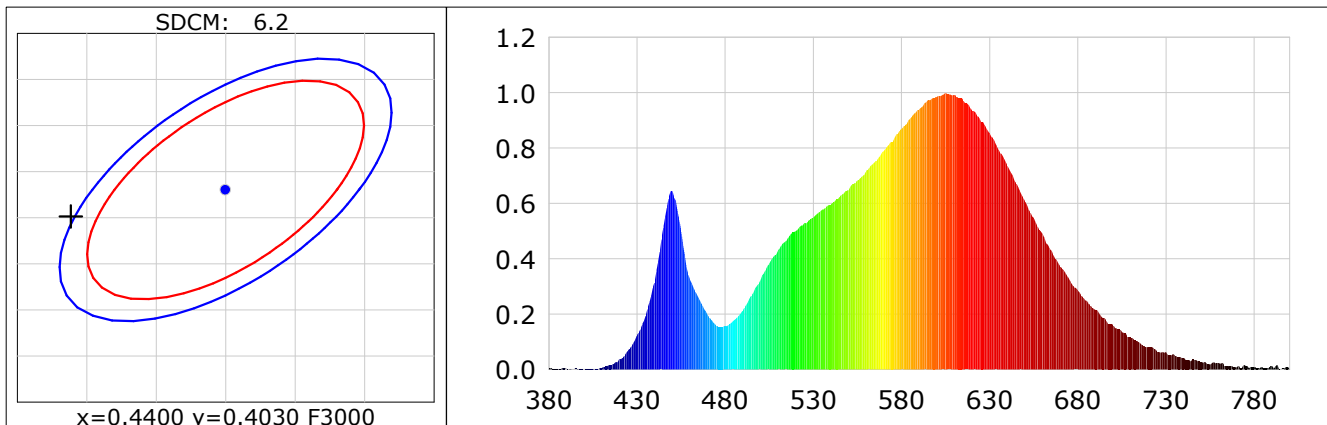
R1 =82 R2 =90 R3 =96 R4 =83 R5 =82 R6 =87 R7 =84 R8 =63

R9 =14 R10=76 R11=83 R12=69 R13=84 R14=97 R15=76

Color Quality Scale: $Q_a=82.8$, $Q_f=83.8$, $Q_p=84.9$, $Q_g=93.8$

Q1 =79 Q2 =97 Q3 =81 Q4 =80 Q5 =83 Q6 =83 Q7 =83 Q8 =87

Q9 =97 Q10=88 Q11=86 Q12=84 Q13=84 Q14=74 Q15=75



Photometric Parameters

Luminous Flux: 2890.69 lm
EEI: 0.12

Efficiency: 110.27 lm/W

Radiant Power: 10.339 W

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

Electric Parameters

Voltage: 219.80V

Current: 0.2730A

Power: 27.75W

Power Factor: 0.5120

Frequency: 49.99Hz

BIN: OUT :

Test Information

Scan Range: 380~800:1nm

Stabilization Time: 0 Sec

Max of Signal: 51831 (5386)

Photometric Method: sphere-spectroradiometer

Photometric Condition: Sphere diameter: 2.00m, 4π

CCD Integration Time: 550.08 ms

Condition: $T_x=35.8^{\circ}C$, $T_i=32.7^{\circ}C$, R.H.:60%

Test Lab: IDEUS

Operator:

Test Device: Inventfine CMS-3000S

Test Time: 2019-08-21 21:43:42

Inspector: