

Lightsource Test Report

Product Information

Product Category: TRL005

Product Type: 35W 3000K

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.4296$ $y=0.4003$ $u(u')=0.2475$ $v=0.3459$ $v'=0.5188$

CCT: $T_c=3096K$ ($duv=-0.00046$)

Color Ratio: $R=0.224$ $G=0.753$ $B=0.023$

Peak Wavelength: 605.0nm

Half Bandwidth: 138.2nm

Dominant Wavelength: 582.6nm

Color Purity: 0.491

CRI: $R_a=82.8$

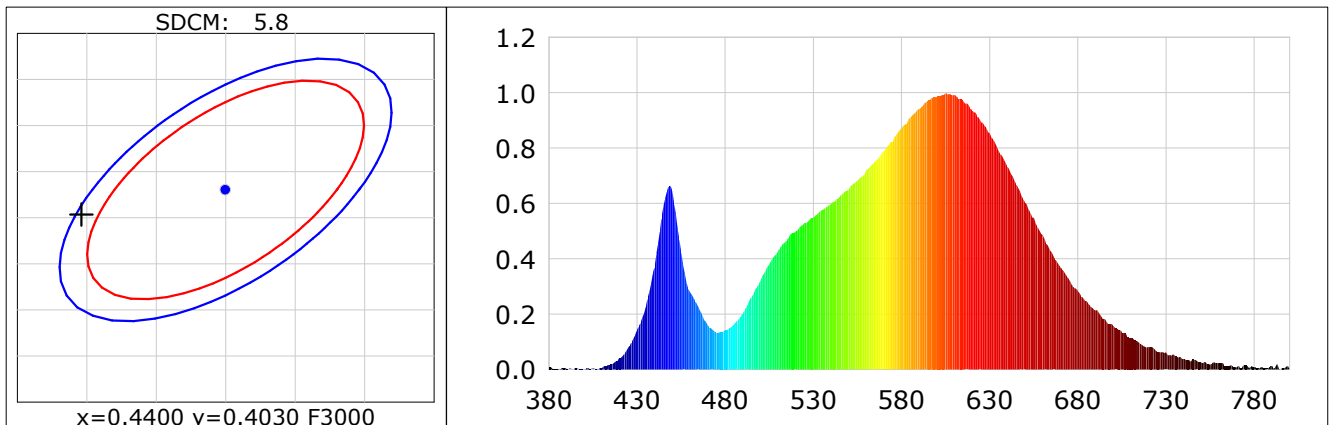
R1 =81 R2 =89 R3 =95 R4 =83 R5 =82 R6 =86 R7 =84 R8 =63

R9 =12 R10=74 R11=82 R12=69 R13=83 R14=97 R15=75

Color Quality Scale: $Q_a=82.1$, $Q_f=83.0$, $Q_p=84.6$, $Q_g=94.2$

Q1 =78 Q2 =97 Q3 =80 Q4 =80 Q5 =83 Q6 =82 Q7 =82 Q8 =86

Q9 =96 Q10=87 Q11=85 Q12=84 Q13=83 Q14=73 Q15=75



Photometric Parameters

Luminous Flux: 3626.29 lm
EEI: 0.14

Efficiency: 96.87 lm/W

Radiant Power: 9.206 W

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

Electric Parameters

Voltage: 219.80V

Current: 0.2780A

Power: 35.24W

Power Factor: 0.5120

Frequency: 50.00Hz

BIN: OUT :

Test Information

Scan Range: 380~800:1nm

Stabilization Time: 0 Sec

Max of Signal: 47548 (5395)

Photometric Method: sphere-spectroradiometer

Photometric Condition: Sphere diameter: 2.00m, 4π

CCD Integration Time: 563.11 ms

Condition: $T_x=35.7^\circ C$, $T_i=32.7^\circ C$, R.H.:60%

Test Lab: IDEUS

Operator:

Test Device: Inventfine CMS-3000S

Test Time: 2019-08-21 21:31:05

Inspector: