

Lightsource Test Report

Product Information

Product Category: TRL001 30W 4000K Product Spec:
 Product Number: 2

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3803$ $y=0.3785$ $u(u')=0.2243$ $v=0.3349$ $v'=0.5023$
 CCT: $T_c=4017K$ ($duv=0.00085$) Color Ratio: $R=0.181$ $G=0.789$ $B=0.030$
 Peak Wavelength: 446.9nm Half Bandwidth: 16.9nm
 Dominant Wavelength: 578.5nm Color Purity: 0.277

CRI: Ra: Ra= 81.1

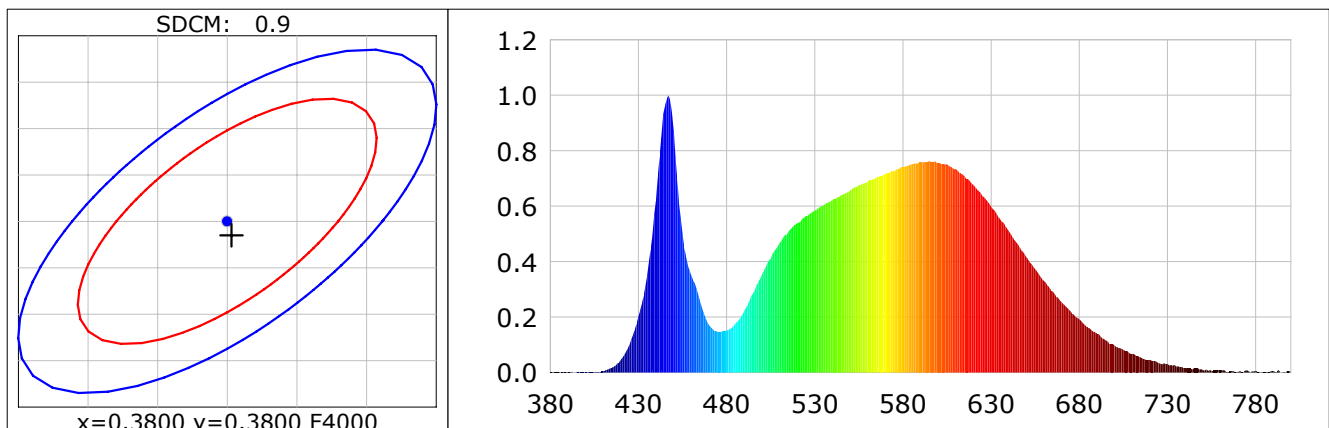
R1 =80 R2 =85 R3 =89 R4 =82 R5 =80 R6 =80 R7 =86 R8 =67

R9 =10 R10=65 R11=82 R12=59 R13=80 R14=94 R15=75

Color Quality Scale: $Q_a= 81.6$, $Q_f= 81.2$, $Q_p= 83.0$, $Q_g= 94.9$

Q1 =82 Q2 =97 Q3 =76 Q4 =76 Q5 =81 Q6 =82 Q7 =83 Q8 =89

Q9 =96 Q10=85 Q11=83 Q12=83 Q13=83 Q14=73 Q15=76



Photometric Parameters

Luminous Flux: 3120.14 lm Efficiency: 122.77 lm/W Radiant Power: 10.780 W
 EEI: 0.11 Energy Efficiency Class: A+ (EU 874-2012)

Electric Parameters

Voltage: 219.60V Current: 0.1380A Power: 29.21W
 Power Factor: 0.9720 Frequency: 50.00Hz

Test Information

Scan Range: 380~800:1nm	Photometric Method: sphere-spectroradiometer
Stabilization Time: 0 Sec	Photometric Condition: Sphere diameter: 2.00m, 4π
Max of Signal: 51547 (4242)	CCD Integration Time: 320.96 ms

Condition: Tx:32.9'C, Ti:31.9'C, R.H.:60%
 Test Lab: IDEUS
 Operator:

Test Device: Inventfine CMS-3000S
 Test Time: 2021-06-07 14:30:51
 Inspector:

Lightsource Test Report

Product Information

Product Category: TRL001 30W 4000K Product Spec:
 Product Number: 3

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3791$ $y=0.3772$ $u(u')=0.2241$ $v=0.3344$ $v'=0.5016$
 CCT: $T_c=4039K$ ($duv=0.00057$) Color Ratio: $R=0.180$ $G=0.789$ $B=0.030$
 Peak Wavelength: 447.2nm Half Bandwidth: 17.5nm
 Dominant Wavelength: 578.6nm Color Purity: 0.270

CRI: Ra: Ra= 81.1

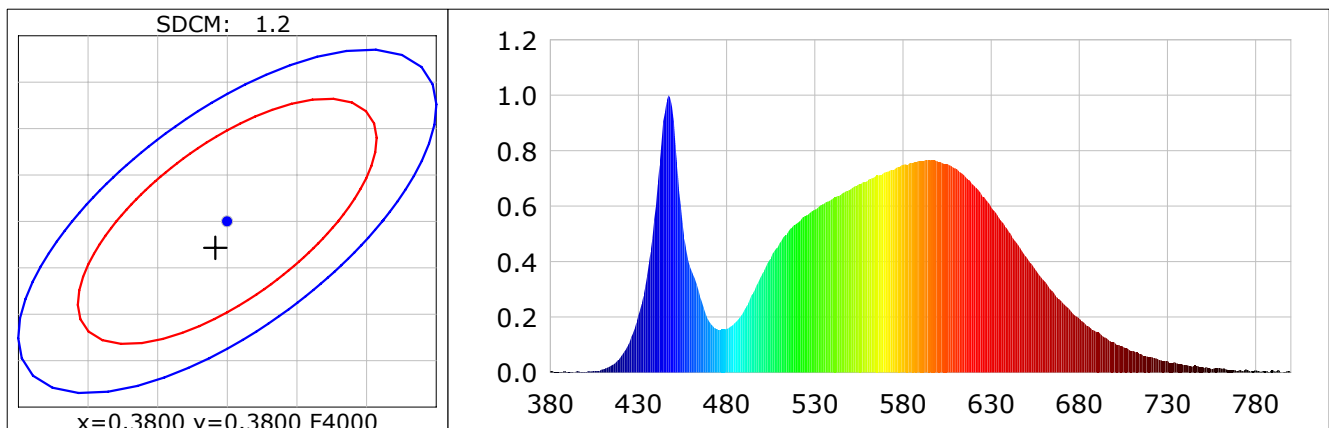
R1 =80 R2 =85 R3 =89 R4 =82 R5 =80 R6 =80 R7 =86 R8 =67

R9 =10 R10=65 R11=81 R12=59 R13=81 R14=94 R15=75

Color Quality Scale: $Q_a= 81.5$, $Q_f= 81.1$, $Q_p= 82.9$, $Q_g= 94.8$

Q1 =82 Q2 =97 Q3 =76 Q4 =75 Q5 =81 Q6 =82 Q7 =83 Q8 =89

Q9 =96 Q10=85 Q11=82 Q12=82 Q13=83 Q14=72 Q15=76



Photometric Parameters

Luminous Flux: 3120.15 lm Efficiency: 122.08 lm/W Radiant Power: 10.714 W
 EEI: 0.11 Energy Efficiency Class: A+ (EU 874-2012)

Electric Parameters

Voltage: 220.10V Current: 0.1350A Power: 29.95W
 Power Factor: 0.9710 Frequency: 50.00Hz

Test Information

Scan Range: 380~800:1nm
 Stabilization Time: 3 Min
 Max of Signal: 50485 (4319)

Photometric Method: sphere-spectroradiometer
 Photometric Condition: Sphere diameter: 2.00m, 4 π
 CCD Integration Time: 320.96 ms

Condition: Tx:33.0'C, Ti:31.9'C, R.H.:60%
 Test Lab: IDEUS
 Operator:

Test Device: Inventfine CMS-3000S
 Test Time: 2021-06-07 14:34:36
 Inspector: