

Lightsource Test Report

Product Infomation

Product Category: TRL001/40W/4000K/24°/B|Product Spec: 4000K

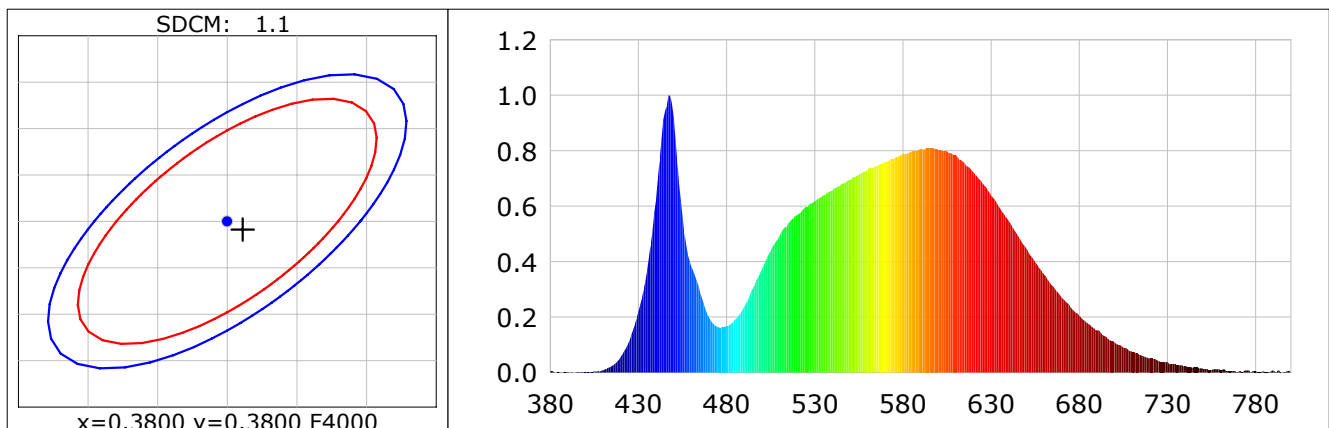
CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3811$ $y=0.3791$ $u(u')=0.2246$ $v=0.3351$ $v'=0.5027$
 CCT: $T_c=4000K$ ($duv=0.00090$) Color Ratio: $R=0.182$ $G=0.788$ $B=0.030$
 Peak Wavelength: 447.5nm Half Bandwidth: 18.3nm
 Dominant Wavelength: 578.6nm Color Purity: 0.282
 CRI: $R_a=81.4$

| | | | | | | | |
|--------|--------|--------|--------|--------|--------|--------|--------|
| R1 =80 | R2 =85 | R3 =89 | R4 =82 | R5 =80 | R6 =80 | R7 =86 | R8 =67 |
| R9 =11 | R10=65 | R11=82 | R12=60 | R13=81 | R14=94 | R15=75 | |

Color Quality Scale: $Q_a=81.9$, $Q_f=81.6$, $Q_p=83.2$, $Q_g=94.8$

| | | | | | | | |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Q1 =82 | Q2 =97 | Q3 =76 | Q4 =76 | Q5 =82 | Q6 =82 | Q7 =83 | Q8 =89 |
| Q9 =96 | Q10=85 | Q11=83 | Q12=83 | Q13=84 | Q14=73 | Q15=76 | |



Photometric Parameters

Luminous Flux: 5387.98 lm Efficiency: 135.79 lm/W Radiant Power: 16.256 W
 EEI: 0.10 Energy Efficiency Class: A++ (EU 874-2012)

Electric Parameters

Voltage: 276.60V Current: 0.1770A Power: 39.68W
 Power Factor: 0.8100 Frequency: 60.00Hz

BIN: OUT :

Test Infomation

| | |
|-----------------------------|--|
| Scan Range: 380~800:1nm | Photometric Method: sphere-spectroradiometer |
| Stabilization Time: 0 Sec | Photometric Condition: Sphere diameter: 2.00m, 4 π |
| Max of Signal: 44477 (4418) | CCD Integration Time: 274.88 ms |

Condition: $T_x=34.2^\circ C$, $T_i=31.1^\circ C$, R.H.:60%
 Test Lab: IDEUS
 Operator:

Test Device: Inventfine CMS-3000S
 Test Time: 2020-06-03 11:43:38
 Inspector: