



Lightsource Test Report

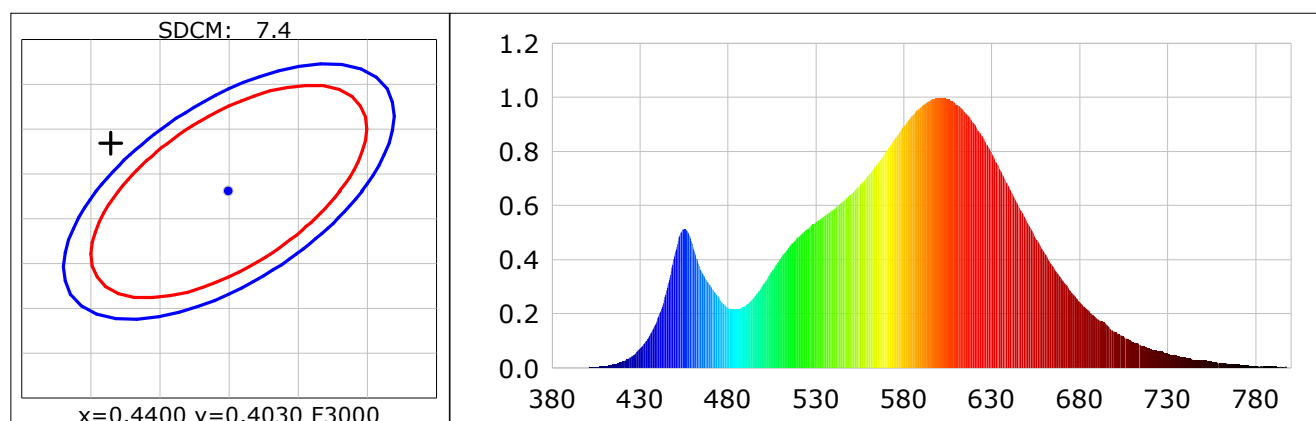
Product Information

Product Category: D-LED-T8-A
Product Spec: D-LED-T8-1200-A
Manufacturer: DIANID LTD

Product Type: LED-TUBE-T8
Product Number: D-LED-T8-1200-A

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.4315$ $y=0.4084$ $u(u')=0.2452$ $v=0.3482$ $v'=0.5223$
CCT: $T_c=3129K$ ($duv=0.00253$) Color Ratio: $R=0.217$ $G=0.756$ $B=0.026$
Peak Wavelength: 600.1nm Half Bandwidth: 130.9nm
Dominant Wavelength: 581.4nm Color Purity: 0.521
CRI: R_a : $R_a=80.9$, $avgR(1\sim14)=74.6$, $avgR(1\sim15)=74.3$
 $R1=79$ $R2=89$ $R3=97$ $R4=78$ $R5=79$ $R6=87$ $R7=82$ $R8=56$
 $R9=0$ $R10=75$ $R11=77$ $R12=65$ $R13=81$ $R14=99$ $R15=71$
Color Quality Scale: $Q_a=81.4$, $Q_f=83.3$, $Q_p=80.5$, $Q_g=88.4$
 $Q1=77$ $Q2=95$ $Q3=83$ $Q4=78$ $Q5=80$ $Q6=81$ $Q7=82$ $Q8=87$
 $Q9=96$ $Q10=90$ $Q11=87$ $Q12=84$ $Q13=82$ $Q14=70$ $Q15=73$



Photometric Parameters

Luminous Flux: 2542.66 lm
EEI: 0.12

Efficiency: 115.52 lm/W

Radiant Power: 7.500 W

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

Electric Parameters

Voltage: 220.00V
Power Factor: 0.9100

Current: 0.1000A
Frequency: 50.00Hz

Power: 22.01W

Test Information

Scan Range: 380~800:1nm
Stabilization Time: 100 ms
Max of Signal: 44867 (2874)

Photometric Method: sphere-spectroradiometer
Photometric Condition: Sphere diameter: 2.00m, 2PI
CCD Integration Time: 203.19 ms

Condition: $T_x=21.6^{\circ}C$, $T_i=20.3^{\circ}C$, R.H.:60%
Test Lab:
Operator:

Test Device: Lisun LMS-9000A(Plus)
Test Time: 2017-03-13 16:40:25
Inspector: