



Lightsource Test Report

Product Information

Product Type: AD1302-1M

Product Number: 2

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.4177$ $y=0.3953$ $u(u')=0.2419$ $v=0.3433$ $v'=0.5150$

CCT: $T_c=3279K$ ($duv=-0.00055$)

Color Ratio: $R=0.217$ $G=0.748$ $B=0.034$

Peak Wavelength: 602.9nm

Half Bandwidth: 137.6nm

Dominant Wavelength: 581.9nm

Color Purity: 0.440

CRI: $R_a=84.6$

TM30: $R_f=83$, $R_g=94$

$R1=84$ $R2=95$ $R3=94$ $R4=82$

$R5=85$ $R6=93$ $R7=82$ $R8=62$

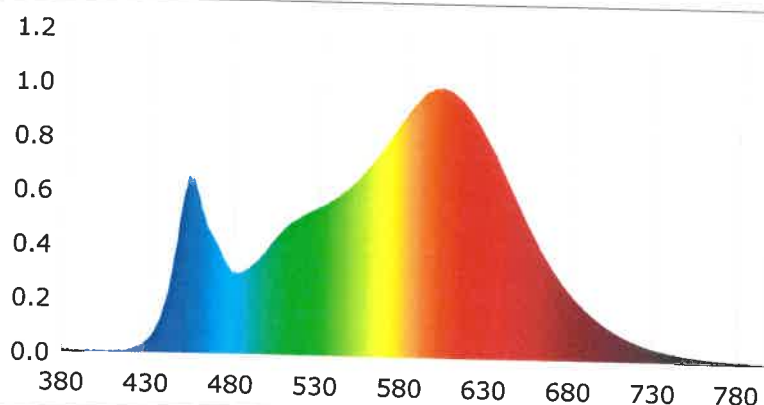
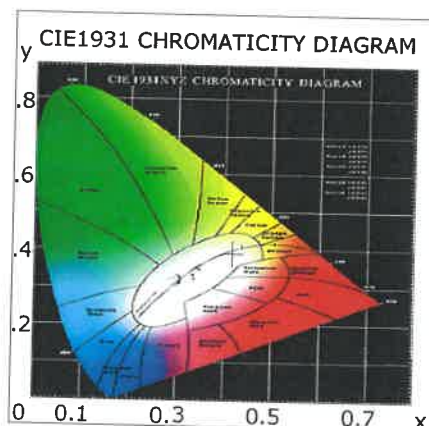
$R9=14$ $R10=87$ $R11=83$ $R12=73$

$R13=87$ $R14=97$ $R15=77$

Color Quality Scale: $Q_a=84.4$, $Q_f=85.7$, $Q_p=84.1$, $Q_g=90.8$

$Q1=80$ $Q2=94$ $Q3=87$ $Q4=81$ $Q5=83$ $Q6=85$ $Q7=86$ $Q8=89$

$Q9=95$ $Q10=93$ $Q11=89$ $Q12=86$ $Q13=85$ $Q14=74$ $Q15=76$



Photometric Parameters

Luminous Flux: 2600.86 lm
EEI: 0.22

Efficiency: 61.54 lm/W

Radiant Power: 7.912 W

Energy Efficiency Class: A (EU 874-2012)

Electric Parameters

Voltage: 119.80V

Current: 0.3580A

Power: 42.26W

Power Factor: 0.9860

Frequency: 60.00Hz

Test Information

Scan Range: 380~800:1nm

Stabilization Time: 0 Sec

Max of Signal: 45317 (3268)

Photometric Method: sphere-spectroradiometer

Photometric Condition: Sphere diameter: 1.50m, 4 π

CCD Integration Time: 163.82 ms

Condition: $T_x=24.6^{\circ}C$, $T_i=22.8^{\circ}C$, R.H.:60%
Test Lab: QA
Operator:

Test Device: Inventive CMS-2S (Plus)
Test Time: 2017-12-02 09:44:05
Inspector: