

Lightsource Test Report

Product Infomation

Product Type: Bec led 12W e27

Product Number: 7

Buyer: www.iluminat-ieftin.ro

Product Spec: aluminiu

Manufacturer: exploit

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3213$ $y=0.3454$ $u(u')=0.1977$ $v=0.3187$ $v'=0.4781$

CCT: $T_c=5994K$ ($duv=0.00728$)

Peak Wavelength: 453nm

Dominant Wavelength: 505.6nm

CRI: R_i : $R_a=82.1$

Color Ratio: $R=0.133$ $G=0.816$ $B=0.052$

Half Bandwidth: 25.8nm

Color Purity: 0.036

$R_1=80$

$R_2=83$

$R_3=84$

$R_4=85$

$R_5=80$

$R_6=76$

$R_7=92$

$R_8=75$

$R_9=12$

$R_{10}=58$

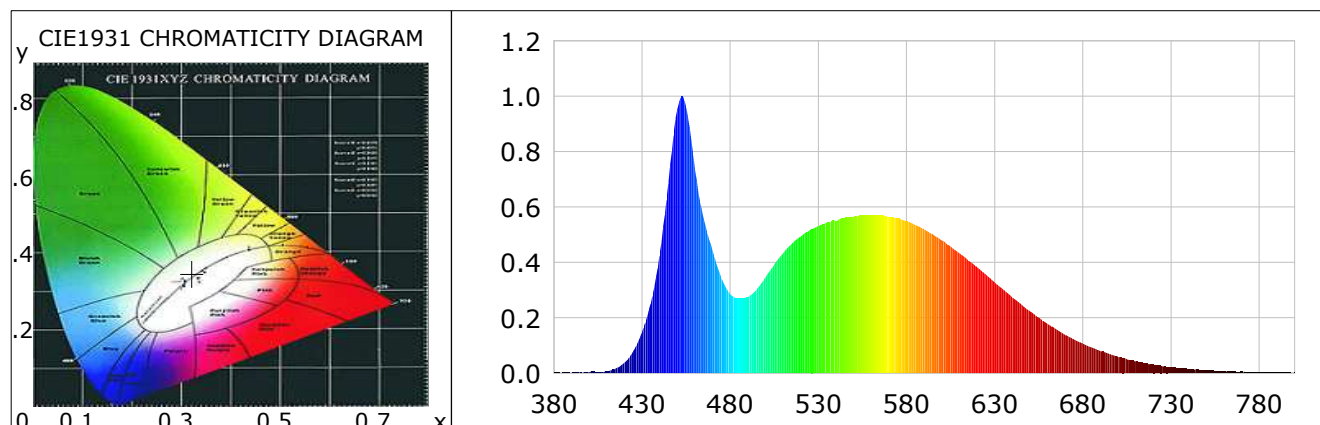
$R_{11}=83$

$R_{12}=46$

$R_{13}=81$

$R_{14}=91$

$R_{15}=77$



Photometric Parameters

Luminous Flux: 1018.88 lm

Efficiency: 89.85 lm/W

Radiant Power: 3.187 W

Electric Parameters

Voltage: 229.90V

Current: 0.0940A

Power: 11.34W

Power Factor: 0.5250

Frequency: 50.00Hz

Test Infomation

Scan Range: 380nm~800nm:1nm Photometric Method: sphere-spectroradiometer

Stabilization Time: 0 Min

Photometric Condition: Sphere diameter: 1.50m, 4PI

Max of Signal: 47106 (2017)

CCD Integration Time: 423.21 ms

Condition: $T_x=17.4^\circ C$, $T_i=15.6^\circ C$, R.H.:60%

Test Lab: www.led-atelier.ro

Operator:

Test Device: Inventfine CMS-2S (Plus)

Test Time: 2015-04-06 12:38:28

Inspector: