

## Lightsource Test Report

### Product Infomation

Product Category: Tuburi cu LED  
 Product Spec: AL clar  
 Manufacturer: Luminastar  
 Buyer: www.iluminat-ieftin.ro

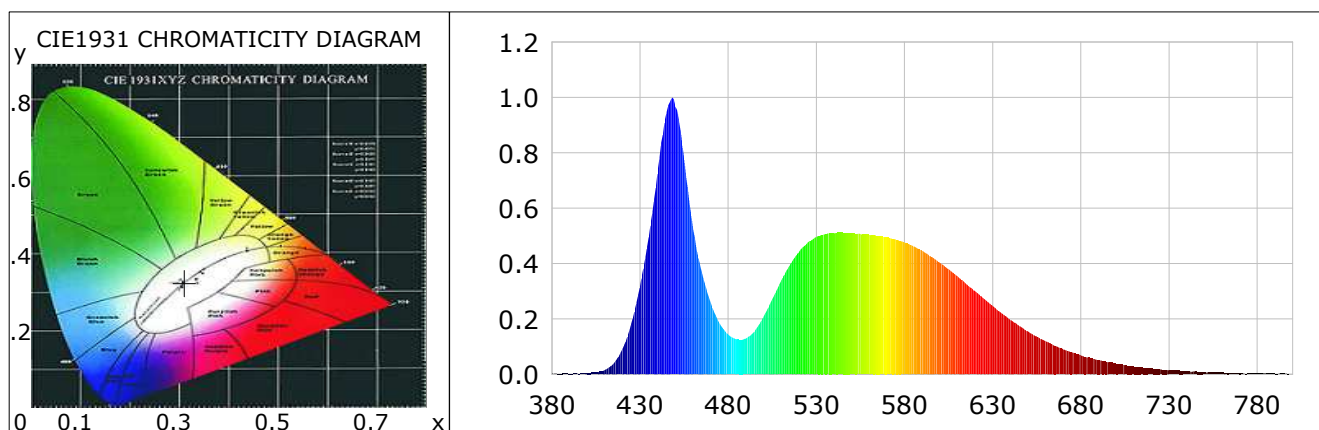
Product Type: Tub led 60cm  
 Product Number: ii 169  
 Submitted Unit: 2

### CIE Colorimetric Parameters

Chromaticity coordinates:  $x=0.3100$   $y=0.3246$   $u(u')=0.1976$   $v=0.3104$   $v'=0.4656$   
 CCT:  $T_c=6696K$  ( $duv=0.00234$ ) Color Ratio:  $R=0.122$   $G=0.837$   $B=0.041$   
 Peak Wavelength: 448nm Half Bandwidth: 25.8nm  
 Dominant Wavelength: 486.8nm Color Purity: 0.085

CRI:  $R_i$ :  $R_a=74.9$

$R_1=76$   $R_2=74$   $R_3=69$   $R_4=82$   $R_5=77$   $R_6=65$   $R_7=83$   $R_8=73$   
 $R_9=0$   $R_{10}=35$   $R_{11}=81$   $R_{12}=40$   $R_{13}=74$   $R_{14}=82$   $R_{15}=74$



### Photometric Parameters

Luminous Flux: 842.07 lm

Efficiency: 80.74 lm/W

Radiant Power: 2.654 W

### Electric Parameters

Voltage: 229.90V

Current: 0.0520A

Power: 10.43W

Power Factor: 0.8760

Frequency: 49.99Hz

### Test Infomation

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

Stabilization Time: 0 ms

Photometric Condition: Sphere diameter: 1.50m, 4PI

Max of Signal: 46267 (2270)

CCD Integration Time: 408.36 ms

Condition:  $T_x:19.8^{\circ}C$ ,  $T_i:15.0^{\circ}C$ , R.H.:60%  
 Test Lab: www.led-atelier.ro  
 Operator:

Test Device: Inventfine CMS-2S (Plus)  
 Test Time: 2014-12-26 17:31:01  
 Inspector: