



## Lightsource Test Report

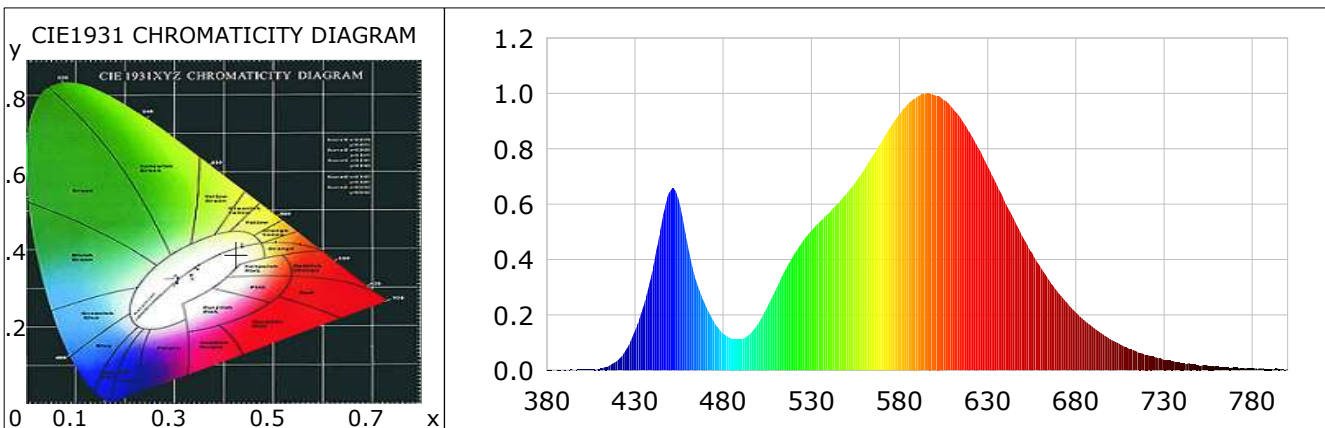
### Product Infomation

Product Category: Tuburi cu LED  
Product Spec: 360 grade clar  
Manufacturer: Luminastar

Product Type: Tub led 60cm  
Product Number: ii 548  
Buyer: www.iluminat-ieftin.ro

### CIE Colorimetric Parameters

Chromaticity coordinates:  $x=0.4252$   $y=0.3890$   $u(u')=0.2495$   $v=0.3423$   $v'=0.5135$   
 CCT:  $T_c=3080K$  ( $duv=-0.00449$ )      Color Ratio:  $R=0.214$   $G=0.765$   $B=0.020$   
 Peak Wavelength: 595nm      Half Bandwidth: 119.0nm  
 Dominant Wavelength: 584.3nm      Color Purity: 0.444  
 CRI:  $R_i: R_a=74.2$   
 R1 =72    R2 =84    R3 =93    R4 =70    R5 =71    R6 =78    R7 =77    R8 =48  
 R9 =0    R10=63    R11=65    R12=54    R13=74    R14=96    R15=66



### Photometric Parameters

Luminous Flux: 766.52 lm      Efficiency: 83.59 lm/W      Radiant Power: 2.237 W

### Electric Parameters

Voltage: 229.80V      Current: 0.0820A      Power: 9.17W  
Power Factor: 0.4870      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: 46315 (2313)      CCD Integration Time: 486.97 ms