

Lightsource Test Report

Product Infomation

Product Category: Tuburi cu LED
 Product Spec: AL clar
 Manufacturer: Dipai

Product Type: Tub led 120cm
 Product Number: ii444
 Buyer: www.iluminat-ieftin.ro

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.2952$ $y=0.3030$ $u(u')=0.1953$ $v=0.3007$ $v'=0.4511$

CCT: $T_c=8050K$ ($duv=-0.00095$)

Color Ratio: $R=0.115$ $G=0.845$ $B=0.041$

Peak Wavelength: 445nm

Half Bandwidth: 21.9nm

Dominant Wavelength: 480.6nm

Color Purity: 0.156

CRI: R_i : $R_a=72.3$

$R_1=77$

$R_2=70$

$R_3=61$

$R_4=79$

$R_5=78$

$R_6=61$

$R_7=77$

$R_8=75$

$R_9=5$

$R_{10}=25$

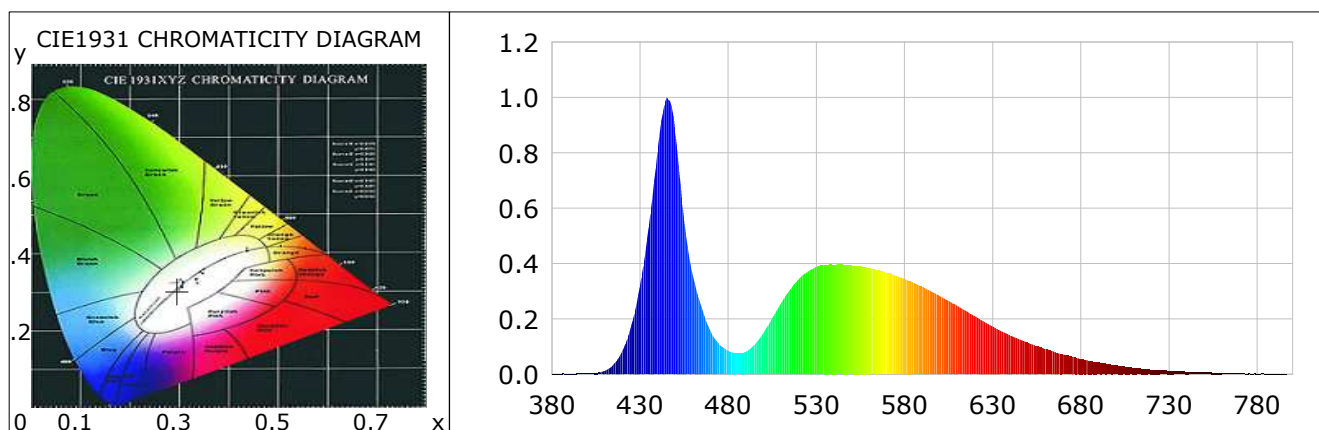
$R_{11}=82$

$R_{12}=37$

$R_{13}=73$

$R_{14}=77$

$R_{15}=76$



Photometric Parameters

Luminous Flux: 1720.25 lm

Efficiency: 83.02 lm/W

Radiant Power: 5.692 W

Electric Parameters

Voltage: 230.10V

Current: 0.1020A

Power: 20.72W

Power Factor: 0.8840

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: 46677 (1797)

CCD Integration Time: 152.51 ms

Condition: $T_x=15.9^\circ C$, $T_i=12.4^\circ C$, R.H.:60%
 Test Lab: www.led-atelier.ro
 Operator:

Test Device: Inventfine CMS-2S (Plus)
 Test Time: 2014-12-29 21:53:47
 Inspector: