



Lightsource Test Report

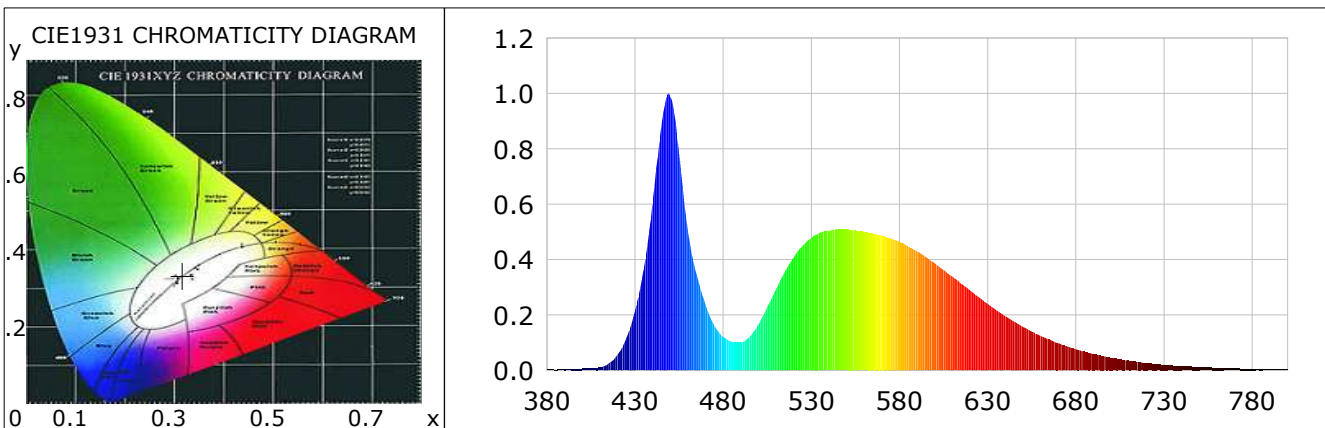
Product Information

Product Category: Tuburi cu LED
 Product Spec: clar rece
 Manufacturer: Fantas

Product Type: Tub led 18W
 Product Number: ii170
 Buyer: www.iluminat-ieftin.ro

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3158$ $y=0.3332$ $u(u')=0.1984$ $v=0.3140$ $v'=0.4710$
 CCT: $T_c=6314K$ ($duv=0.00381$) Color Ratio: $R=0.122$ $G=0.840$ $B=0.037$
 Peak Wavelength: 449nm Half Bandwidth: 22.0nm
 Dominant Wavelength: 491.6nm Color Purity: 0.059
 CRI: $R_i: R_a=72.8$
 R1 =73 R2 =73 R3 =68 R4 =80 R5 =74 R6 =62 R7 =83 R8 =71
 R9 =0 R10=31 R11=77 R12=32 R13=71 R14=82 R15=72



Photometric Parameters

Luminous Flux: 1791.53 lm Efficiency: 93.65 lm/W Radiant Power: 5.534 W

Electric Parameters

Voltage: 230.30V Current: 0.1580A Power: 19.13W
 Power Factor: 0.5240 Frequency: 49.99Hz

Test Information

Scan Range: 380nm~800nm:1nm Photometric Method: sphere-spectroradiometer
 Stabilization Time: 0 Min Photometric Condition: Sphere diameter: 1.50m, 4PI
 Max of Signal: 54390 (1487) CCD Integration Time: 274.23 ms

Condition: $T_x:10.5^{\circ}C$, $T_i:9.0^{\circ}C$, R.H.:60%
 Test Lab: www.led-atelier.ro
 Operator:

Test Device: Inventfine CMS-2S (Plus)
 Test Time: 2015-01-10 01:13:58
 Inspector: