



Lightsource Test Report

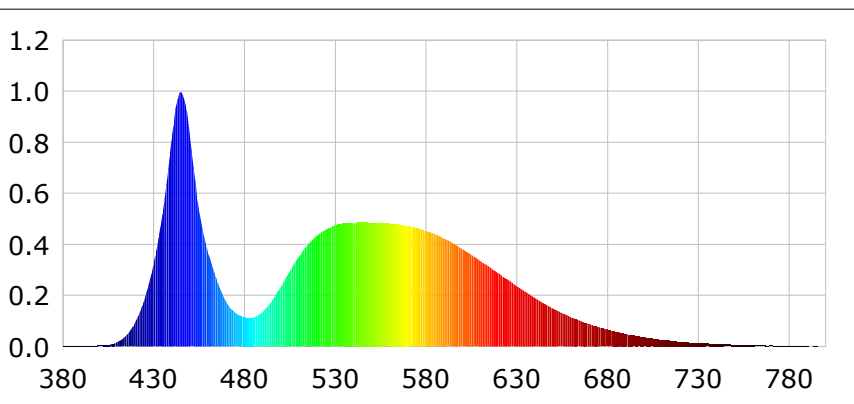
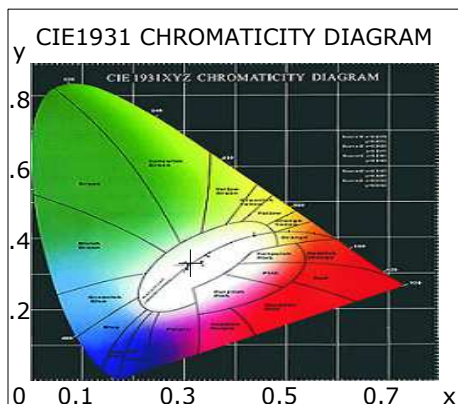
Product Information

Product Type: Bec led 5U 36w
Product Number: 14

Product Spec: tip economic
Manufacturer: Lumilux

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3135$ $y=0.3334$ $u(u')=0.1967$ $v=0.3139$ $v'=0.4708$
 CCT: $T_c=6432K$ ($duv=0.00506$) Color Ratio: $R=0.122$ $G=0.841$ $B=0.038$
 Peak Wavelength: 445nm Half Bandwidth: 21.4nm
 Dominant Wavelength: 491.8nm Color Purity: 0.067
 CRI: R_i : $R_a=73.5$
 $R_1=75$ $R_2=72$ $R_3=69$ $R_4=80$ $R_5=76$ $R_6=65$ $R_7=80$ $R_8=70$
 $R_9=0$ $R_{10}=33$ $R_{11}=81$ $R_{12}=42$ $R_{13}=72$ $R_{14}=83$ $R_{15}=71$



Photometric Parameters

Luminous Flux: 3969.89 lm

Efficiency: 99.42 lm/W

Radiant Power: 12.330 W

Electric Parameters

Voltage: 229.70V

Current: 0.3030A

Power: 39.93W

Power Factor: 0.5740

Frequency: 49.99Hz

Test Information

Scan Range: 380nm~800nm:1nm
 Stabilization Time: 0 ms
 Max of Signal: 46041 (2298)

Photometric Method: sphere-spectroradiometer
 Photometric Condition: Sphere diameter: 1.50m, 4PI
 CCD Integration Time: 103.50 ms

Condition: $T_x:22.6^\circ C$, $T_i:22.3^\circ C$, R.H.:60%
 Test Lab: www.led-atelier.ro
 Operator:

Test Device: Inventfine CMS-2S (Plus)
 Test Time: 2015-09-27 21:31:43
 Inspector: