



## Lightsource Test Report

### Product Information

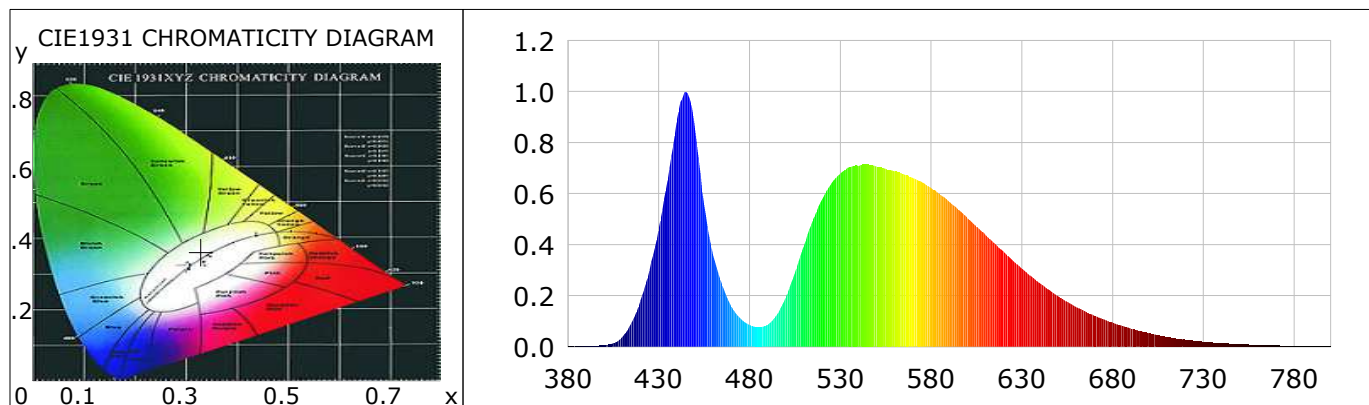
Product Category: Spoturi cu LED  
 Product Spec: COB  
 Manufacturer: CYC

Product Type: Spot led rotund 30w  
 Product Number: ii598  
 Buyer: www.iluminat-ieftin.ro

### CIE Colorimetric Parameters

Chromaticity coordinates:  $x=0.3297$   $y=0.3645$   $u(u')=0.1964$   $v=0.3257$   $v'=0.4886$   
 CCT:  $T_c=5612K$  ( $duv=0.01270$ ) Color Ratio:  $R=0.117$   $G=0.858$   $B=0.025$   
 Peak Wavelength: 445nm Half Bandwidth: 25.2nm  
 Dominant Wavelength: 548.5nm Color Purity: 0.085  
 CRI:  $R_i$ :  $R_a=65.3$   

$R_1=64$	$R_2=65$	$R_3=65$	$R_4=72$	$R_5=66$	$R_6=55$	$R_7=76$	$R_8=60$
$R_9=0$	$R_{10}=16$	$R_{11}=70$	$R_{12}=28$	$R_{13}=62$	$R_{14}=80$	$R_{15}=59$	



### Photometric Parameters

Luminous Flux: 1972.39 lm

Efficiency: 67.02 lm/W

Radiant Power: 5.693 W

### Electric Parameters

Voltage: 229.90V  
 Power Factor: 0.5610

Current: 0.2280A  
 Frequency: 49.99Hz

Power: 29.43W

### Test Information

Scan Range: 380nm~800nm:1nm  
 Stabilization Time: 0 Min  
 Max of Signal: 46972 (1681)

Photometric Method: sphere-spectroradiometer  
 Photometric Condition: Sphere diameter: 1.50m, 4PI  
 CCD Integration Time: 264.03 ms

Condition:  $T_x:13.8^\circ C$ ,  $T_i:12.5^\circ C$ , R.H.:60%  
 Test Lab: www.led-atelier.ro  
 Operator:

Test Device: Inventfine CMS-2S (Plus)  
 Test Time: 2015-01-11 11:13:13  
 Inspector: