

## Lightsource Test Report

### Product Infomation

Product Category: Spoturi cu LED  
 Product Spec: orientabil  
 Manufacturer: Exploit

Product Type: Spot led rotund 30w  
 Product Number: ii618  
 Buyer: www.iluminat-ieftin.ro

### CIE Colorimetric Parameters

Chromaticity coordinates:  $x=0.3240$   $y=0.3384$   $u(u')=0.2021$   $v=0.3166$   $v'=0.4749$

CCT:  $T_c=5890K$  ( $duv=0.00252$ )

Color Ratio:  $R=0.133$   $G=0.819$   $B=0.049$

Peak Wavelength: 449nm

Half Bandwidth: 23.3nm

Dominant Wavelength: 498.9nm

Color Purity: 0.029

CRI:  $R_i$ :  $R_a=79.6$

$R_1=78$

$R_2=81$

$R_3=81$

$R_4=84$

$R_5=79$

$R_6=72$

$R_7=89$

$R_8=73$

$R_9=5$

$R_{10}=52$

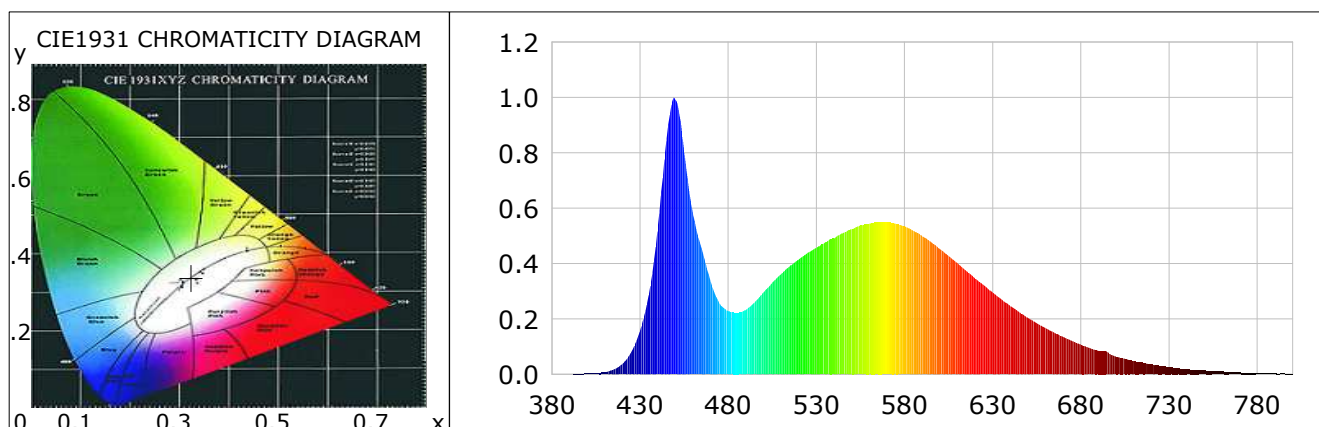
$R_{11}=81$

$R_{12}=45$

$R_{13}=78$

$R_{14}=89$

$R_{15}=76$



### Photometric Parameters

Luminous Flux: 2160.74 lm

Efficiency: 70.02 lm/W

Radiant Power: 6.825 W

### Electric Parameters

Voltage: 230.10V

Current: 0.1390A

Power: 30.86W

Power Factor: 0.9630

Frequency: 49.99Hz

### 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: 47360 (1678)

CCD Integration Time: 180.27 ms

Condition:  $T_x=14.3^{\circ}C$ ,  $T_i=12.4^{\circ}C$ , R.H.:60%

Test Lab: www.led-atelier.ro

Operator:

Test Device: Inventfine CMS-2S (Plus)

Test Time: 2015-01-20 23:10:32

Inspector: