

## Lightsource Test Report

### Product Infomation

Product Category: Iluminat stradal LED  
 Product Spec: 4x15 W  
 Manufacturer: Luminastar

Product Type: Corp stradal LED 60W  
 Product Number: ii571  
 Buyer: www.iluminat-ieftin.ro

### CIE Colorimetric Parameters

Chromaticity coordinates:  $x=0.3148$   $y=0.3275$   $u(u')=0.1999$   $v=0.3119$   $v'=0.4678$

CCT:  $T_c=6402K$  ( $duv=0.00132$ )

Color Ratio:  $R=0.130$   $G=0.817$   $B=0.053$

Peak Wavelength: 456nm

Half Bandwidth: 26.7nm

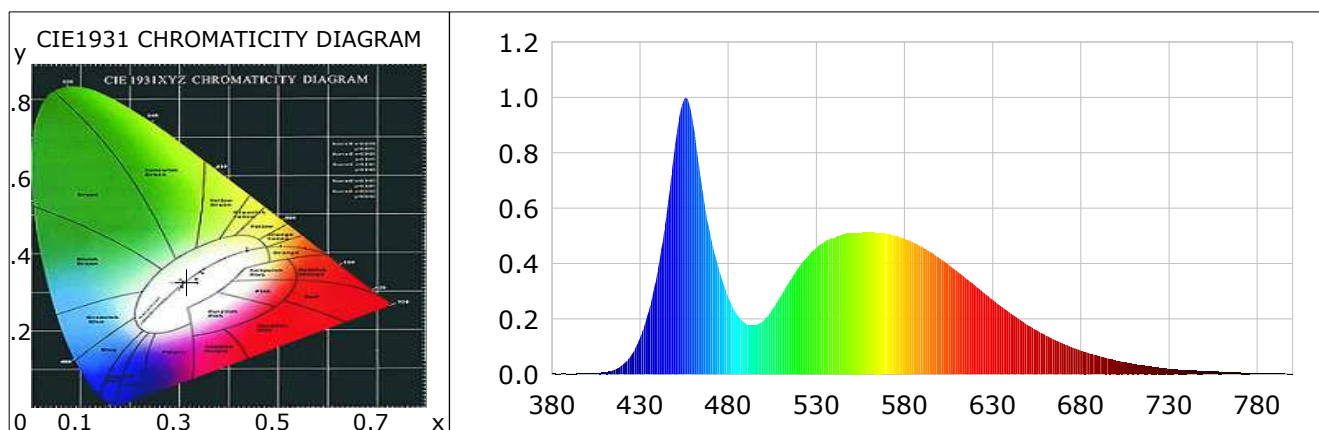
Dominant Wavelength: 487.6nm

Color Purity: 0.067

CRI:  $R_i$ :  $R_a=79.8$

$R_1=79$   $R_2=83$   $R_3=80$   $R_4=81$   $R_5=77$   $R_6=72$   $R_7=91$   $R_8=75$

$R_9=10$   $R_{10}=53$   $R_{11}=76$   $R_{12}=40$   $R_{13}=80$   $R_{14}=88$   $R_{15}=79$



### Photometric Parameters

Luminous Flux: 3160.21 lm

Efficiency: 49.87 lm/W

Radiant Power: 10.069 W

### Electric Parameters

Voltage: 230.20V

Current: 0.2890A

Power: 63.37W

Power Factor: 0.9510

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: 45727 (1702)

CCD Integration Time: 138.38 ms

Condition:  $T_x=14.3^{\circ}C$ ,  $T_i=11.1^{\circ}C$ , R.H.:60%

Test Lab: www.led-atelier.ro

Operator:

Test Device: Inventfine CMS-2S (Plus)

Test Time: 2015-01-05 22:11:16

Inspector: