



## Lightsource Test Report

### Product Infomation

Product Category: Iluminat stradal LED  
Product Spec: Cilinder  
Manufacturer: Optonica

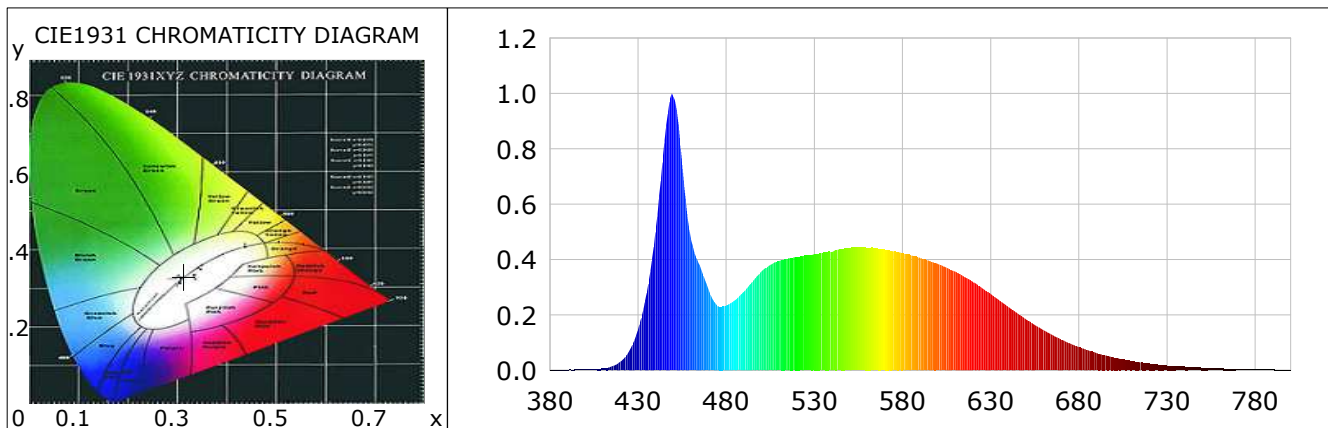
Product Type: 36W/Samsung  
Product Number: ii 130  
Buyer: www.iluminat-ieftin.ro

### CIE Colorimetric Parameters

Chromaticity coordinates:  $x=0.3126$   $y=0.3303$   $u(u')=0.1972$   $v=0.3127$   $v'=0.4690$   
CCT:  $T_c=6504K$  ( $duv=0.00392$ )      Color Ratio:  $R=0.136$   $G=0.807$   $B=0.058$   
Peak Wavelength: 449nm      Half Bandwidth: 19.5nm  
Dominant Wavelength: 489.8nm      Color Purity: 0.072

CRI: Ri: Ra= 86.3

R1 =86    R2 =86    R3 =84    R4 =93    R5 =86    R6 =80    R7 =92    R8 =83  
R9 =34    R10=65    R11=93    R12=55    R13=85    R14=91    R15=84



### Photometric Parameters

Luminous Flux: 4198.29 lm      Efficiency: 113.77 lm/W      Radiant Power: 13.700 W

### Electric Parameters

Voltage: 230.00V      Current: 0.1680A      Power: 36.90W  
Power Factor: 0.9520      Frequency: 50.00Hz

### Test Infomation

Scan Range: 380nm~800nm:1nm      Photometric Method: sphere-spectroradiometer  
Stabilization Time: 0 ms      Photometric Condition: Sphere diameter: 1.50m, 4PI  
Max of Signal: 46798 (1738)      CCD Integration Time: 74.25 ms