



Lightsource Test Report

Product Information

Product Category: Spot LED GU10
Product Number: 8
Buyer: www.iluminat-ieftin.ro

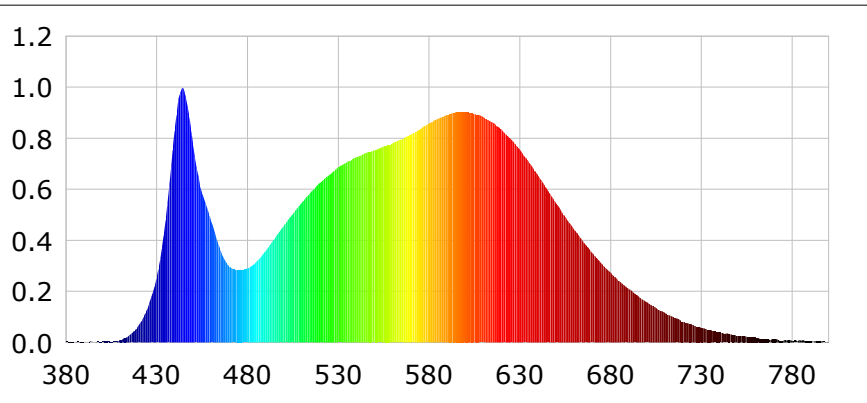
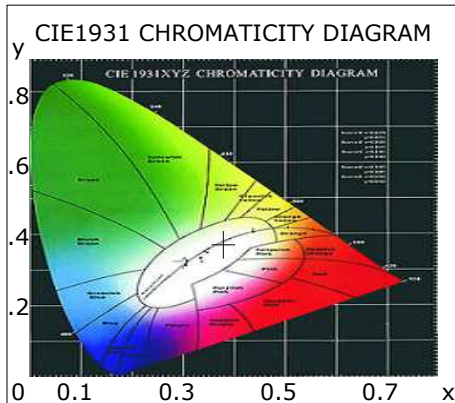
Product Type: OSRAM chip
Manufacturer: KOD Y

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3800$ $y=0.3741$
CCT: $T_c=3994K$ ($duv=-0.00110$)
Peak Wavelength: 444nm
Dominant Wavelength: 579.7nm
CRI: Ri: Ra= 85.8

$u(u')=0.2258$ $v=0.3336$ $v'=0.5003$
Color Ratio: R=0.189 G=0.775 B=0.036
Half Bandwidth: 23.8nm
Color Purity: 0.263

R1 =85	R2 =90	R3 =92	R4 =87	R5 =86	R6 =86	R7 =88	R8 =73
R9 =28	R10=75	R11=86	R12=71	R13=86	R14=95	R15=81	



Photometric Parameters

Luminous Flux: 776.34 lm

Efficiency: 76.04 lm/W

Radiant Power: 2.447 W

Electric Parameters

Voltage: 229.80V

Current: 0.0900A

Power: 10.21W

Power Factor: 0.4910

Frequency: 50.00Hz

Test Information

Scan Range: 380nm~800nm:1nm
Stabilization Time: 0 ms
Max of Signal: 46451 (2379)

Photometric Method: sphere-spectroradiometer
Photometric Condition: Sphere diameter: 1.50m, 4PI
CCD Integration Time: 745.04 ms

Condition: Tx:19.8°C, Ti:16.7°C, R.H.:60%
Test Lab: www.led-atelier.ro
Operator:

Test Device: Inventfine CMS-2S (Plus)
Test Time: 2016-10-22 20:28:25
Inspector: