



**GROWKING**<sup>®</sup>  
LED LIGHTING TECHNOLOGY

**SOLaris 100**

**Test Report SOLaris 100**



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USt.-IdNr. DE154717066 WEEE Reg. Nr. DE 66415516

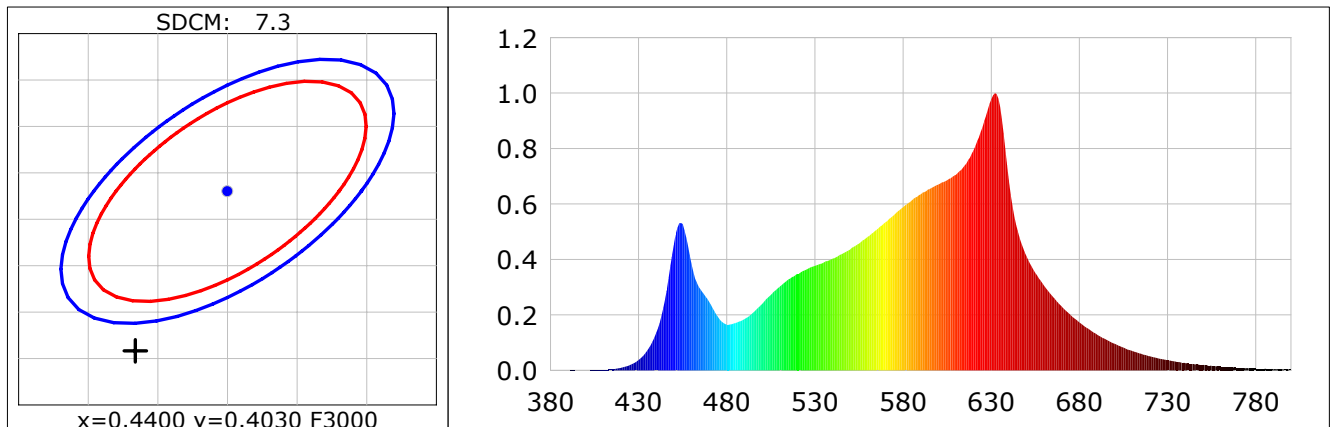


**Lightsource Test Report**

Product Information

**CIE Colorimetric Parameters**

Chromaticity coordinates:  $x=0.4334$   $y=0.3858$   $u(u')=0.2563$   $v=0.3423$   $v'=0.5134$   
 CCT:  $T_c=2906K$  ( $duv=-0.00696$ ) Color Ratio:  $R=0.255$   $G=0.715$   $B=0.030$   
 Peak Wavelength: 632nm Half Bandwidth: 81.6nm  
 Dominant Wavelength: 586.1nm Color Purity: 0.459  
 CRI:  $R_i$ :  $R_a=91.9$   
 R1 =94 R2 =98 R3 =96 R4 =92 R5 =95 R6 =94 R7 =86 R8 =79  
 R9 =57 R10=96 R11=93 R12=83 R13=96 R14=99 R15=91



**Photometric Parameters**

Luminous Flux: 14553.8 lm Efficiency: 142.13 lm/W Radiant Power: 30.272 W

**Electric Parameters**

Voltage: 219.80V Current: 0.4720A Power: 102.40W  
 Power Factor: 0.9870 Frequency: 50.00Hz

Test Information

Scan Range: 380nm~800nm:1nm Photometric Method: sphere-spectroradiometer  
 Stabilization Time: 1 Min Photometric Condition: Sphere diameter: 1.50m, 4T  
 Max of Signal: 41893 (4212) CCD Integration Time: 27.81 ms