



GROWKING[®]
LED LIGHTING TECHNOLOGY

SOLaris 200

Test Report SOLaris 200



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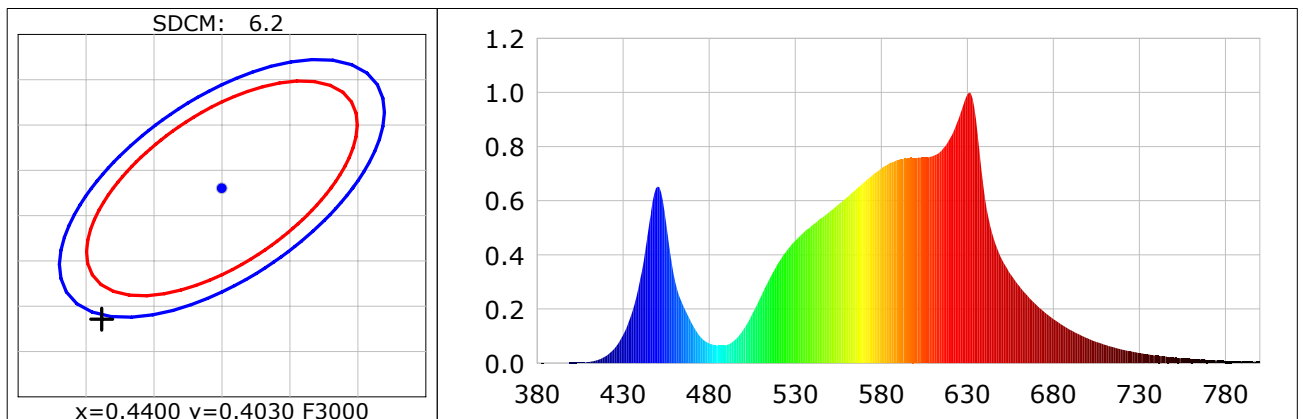


Lightsource Test Report

Product Information

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.4312$ $y=0.3886$ $u(u')=0.2536$ $v=0.3428$ $v'=0.5142$
 CCT: $T_c=2969K$ ($duv=-0.00553$) Color Ratio: $R=0.233$ $G=0.750$ $B=0.017$
 Peak Wavelength: 631nm Half Bandwidth: 105.2nm
 Dominant Wavelength: 585.2nm Color Purity: 0.460
 CRI: R_i : $R_a=80.3$
 $R_1=81$ $R_2=86$ $R_3=89$ $R_4=78$ $R_5=78$ $R_6=80$ $R_7=84$ $R_8=66$
 $R_9=20$ $R_{10}=65$ $R_{11}=74$ $R_{12}=56$ $R_{13}=81$ $R_{14}=92$ $R_{15}=78$



Photometric Parameters

Luminous Flux: 20126.2 lm Efficiency: 101.39 lm/W Radiant Power: 59.686 W

Electric Parameters

Voltage: 229.80V Current: 0.8900A Power: 201.70W
 Power Factor: 0.9700 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: 43995 (3875) CCD Integration Time: 20.10 ms