

# SUNLIGHT TO YOUR WORKING PLACE



For **COLOR EVALUATION !**  
For **REPRODUCE OUTDOOR CONDITION !**  
For **SOLAR ENERGY R&D !**

**We supply you a sunlight simulator  
which you require small and large one**



Special Manufacturer of Sunlight  
**SERIC LTD.**

# Artificial Solar Illumination Lamp XELIOS

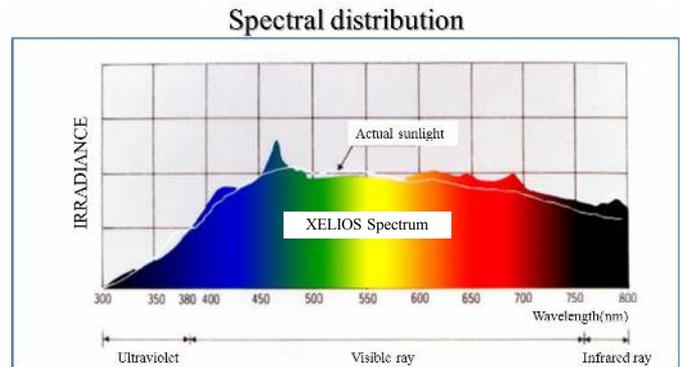
Artificial Solar Illumination Lamp XELIOS radiates light beam which is very close to the natural sunlight that reaches the earth between 10:00am and 2:00pm on a clear day.



**XELIOS**  
XG-100W Series



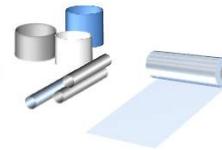
**XELIOS**  
XG-500W Series



**XELIOS is the first light source of the world to be developed to simulate natural sunlight faithfully. XELIOS can create light beam which has the special characteristics, 300 to 2500nm of continuous wavelength, 5500K color temperature and 98 of color rendering index.**

## Our Recommendation for

### **● Lab, R&D, QC Sections of Manufacturers, Institutes and Universities**



R&D for PV, Outdoor Evaluation for Electronic device, Light resistance and warming test for elements & materials, Outer appearance check for Products

### **● The same color appearance as outside**

Color comparison with the other light



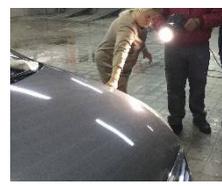
Image Quality evaluation



Printing



Product design



Car painting



XELIOS

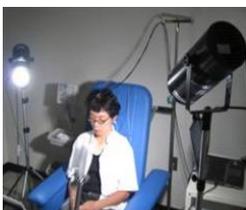


Fluorescent lamp



Incandescent lamp

### **● Health and Plant Growth**



Medical research



Spa & Hot spring facilities



Senior care home

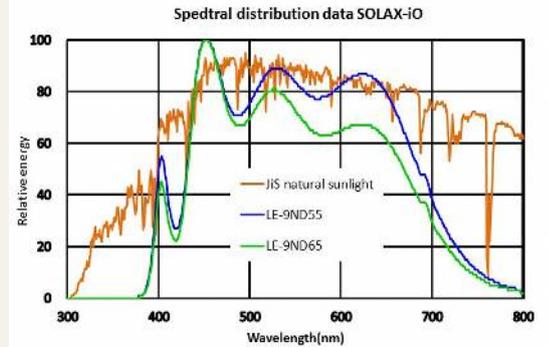


Plant growth

# LED based Artificial Solar Illumination Lamp **XELIOS-iO**

SERIC has realized to develop solar light based on LED. XELIOS-iO, world best standards for color evaluation, is for professionals who are color specialists.

Choice! 3 types as follows



**Usable on a table! Holdable!**

**Color confirmation at any time and any place!**



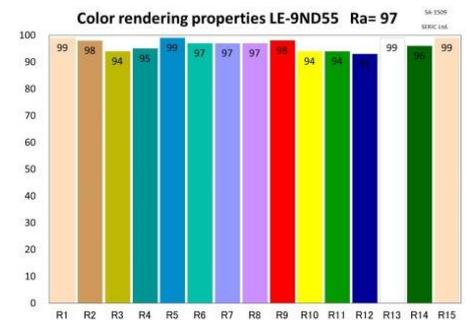
**Totable!**

**Color evaluation for unilluminated parts**



**Realizable to own world best standards!**

**Averaged Color rendering index goes 97**



**Selectable!**

**2 color temperature model, 5500K and 6500K**

We recommend to use XELIOS-iO at the scene as follows...



# Solar Simulator · Sunshine Tester

From AAA high class solar simulators to simplified sunshine testers, We can produce lighting systems to customize complete adjusting your requirements.

Reproduce outside environment/PV Testing/Light resistance test/Accelerated deterioration test/temperature rise test/Photo toxicology test/ and so...



Solar Simulator for PV cell testing



Solar simulator for PV module testing



Sunshine simulator for accelerated test



Sunshine simulator for durability test



Sunshine simulator for photo toxicology test

We have supplied solar simulators, which have been made up in accordance with individualized requirements from customers, to several fields who need sunlight, as applied technology of the artificial solar illumination lamp.

**PLEASE FEEL FREE TO CONTACT US!**

SERIC, established in 1984, is a professional, an expert and a proven leader in artificial solar lighting. SERIC has large experiences to deliver a lot of artificial solar lighting systems to several fields, therefore, we can prove that we have advanced technical knowledge.

We can propose the best lighting conditions which customers want and need, furthermore support you by our lighting technologies until the complete solution.

## <XELIOS · SOLAR SIMULATOR Delivery list>

Photographies/Electronics/Automotive industries/Paints/Printings/Cosmetics/Art museum museum/Color industries/ Commercial institutions/Biotechnologies/Stationeries/Medicals/pharmaceuticals/Chemicals/Textile industries/ Architectures and constructions/Universities, Institutes and Laboratories/Others

**Please feel free to contact us!**

 [serinfo@seric.co.jp](mailto:serinfo@seric.co.jp)

VISIT our website!

SERIC LTD

Search



Special Manufacturer of sunlight

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